

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006121.D
 Acq On : 21 Nov 2018 13:53
 Operator : JC/MD
 Sample : VX1121MBS01
 Misc : 5.00µl/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:20 AM

Quant Time: Nov 22 02:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198597	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.50	113	154561	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.71	98	598400	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	218199	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44905	18.960	ug/l	97
3) Chloromethane	1.32	50	62866	21.012	ug/l	99
4) Vinyl Chloride	1.41	62	61292	20.140	ug/l	98
5) Bromomethane	1.64	94	39946	19.514	ug/l	97
6) Chloroethane	1.72	64	34457	27.713	ug/l	99
7) Trichlorofluoromethane	1.93	101	80281	20.165	ug/l	95
8) Diethyl Ether	2.19	74	33152	19.699	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45245	19.166	ug/l	99
10) Methyl Iodide	2.51	142	56594	19.121	ug/l	99
11) Tert butyl alcohol	3.06	59	83454	106.226	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43573	18.933	ug/l	96
13) Acrolein	2.29	56	43951	93.491	ug/l	100
14) Allyl chloride	2.73	41	95461	20.275	ug/l	99
15) Acrylonitrile	3.15	53	181201	104.423	ug/l	99
16) Acetone	2.45	43	164366	100.296	ug/l	97
17) Carbon Disulfide	2.57	76	117835	18.963	ug/l	99
18) Methyl Acetate	2.78	43	89180	21.220	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	172075	21.632	ug/l	99
20) Methylene Chloride	2.85	84	54568	21.803	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	50651	21.036	ug/l	96
22) Diisopropyl ether	3.87	45	198825	19.726	ug/l	98
23) Vinyl Acetate	3.82	43	814633	97.420	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97083	20.445	ug/l	99
25) 2-Butanone	4.70	43	313770	103.151	ug/l	100
26) 2,2-Dichloropropane	4.59	77	81285	20.769	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66397	19.729	ug/l	98
28) Bromochloromethane	5.02	49	61645	22.274	ug/l	98
29) Tetrahydrofuran	5.15	42	201983	106.444	ug/l	99
30) Chloroform	5.21	83	113503	19.725	ug/l	98
31) Cyclohexane	5.57	56	94802	19.113	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	93768	20.181	ug/l	100
36) 1,1-Dichloropropene	5.80	75	82572	19.394	ug/l	99
37) Ethyl Acetate	4.85	43	111027	20.269	ug/l	100
38) Carbon Tetrachloride	5.79	117	75809	18.943	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91195	18.801	ug/l	97
40) Benzene	6.14	78	254559	20.294	ug/l	99
41) Methacrylonitrile	5.06	41	61427	20.349	ug/l	99
42) 1,2-Dichloroethane	6.20	62	93129	19.858	ug/l	98
43) Isopropyl Acetate	6.46	43	160591	20.301	ug/l	99
44) Trichloroethene	7.21	130	69238	19.860	ug/l	100
45) 1,2-Dichloropropane	7.52	63	69948	21.071	ug/l	93
46) Dibromomethane	7.66	93	43994	19.351	ug/l	98
47) Bromodichloromethane	7.90	83	78998	18.788	ug/l	97
48) Methyl methacrylate	7.77	41	84157	20.976	ug/l	98
49) 1,4-Dioxane	7.75	88	38608	405.616	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	597634	105.381	ug/l	99
52) Toluene	8.79	92	159158	20.514	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85004	19.373	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	95598	19.709	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	66510	19.794	ug/l	99
56) Ethyl methacrylate	9.18	69	92993	19.619	ug/l	98
57) 1,3-Dichloropropane	9.37	76	112022	20.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	293705	104.592	ug/l	99
59) 2-Hexanone	9.49	43	466887	103.737	ug/l	99
60) Dibromochloromethane	9.59	129	60579	18.389	ug/l	99
61) 1,2-Dibromoethane	9.67	107	70476	20.359	ug/l	99
64) Tetrachloroethene	9.34	164	72553	20.105	ug/l	98
65) Chlorobenzene	10.14	112	179137	19.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59480	19.261	ug/l	99
67) Ethyl Benzene	10.25	91	301665	20.483	ug/l	100
68) m/p-Xylenes	10.36	106	234412	40.874	ug/l	100
69) o-Xylene	10.70	106	113770	20.769	ug/l	99
70) Styrene	10.71	104	184809	20.691	ug/l	99
71) Bromoform	10.86	173	49052	17.745	ug/l #	98
73) Isopropylbenzene	11.02	105	306682	21.653	ug/l	100
74) N-amyl acetate	10.90	43	134474	20.002	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	105938	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101721m	21.107	ug/l	
77) Bromobenzene	11.26	156	83118	20.949	ug/l	99
78) n-propylbenzene	11.36	91	351142	21.289	ug/l	100
79) 2-Chlorotoluene	11.42	91	211014	21.146	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	256398	21.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27625	19.388	ug/l	95
82) 4-Chlorotoluene	11.51	91	247289	21.235	ug/l	99
83) tert-Butylbenzene	11.77	119	243484	20.886	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	262898	21.583	ug/l	100
85) sec-Butylbenzene	11.94	105	299283	20.989	ug/l	99
86) p-Isopropyltoluene	12.07	119	267588	21.048	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	147801	20.204	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149819	19.755	ug/l	98
89) n-Butylbenzene	12.39	91	235288	20.441	ug/l	99
90) Hexachloroethane	12.60	117	36332	17.908	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	148804	19.896	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24024	19.397	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108074	20.512	ug/l	100
94) Hexachlorobutadiene	13.79	225	50458	19.650	ug/l	99
95) Naphthalene	13.83	128	346735	22.380	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110482	20.569	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

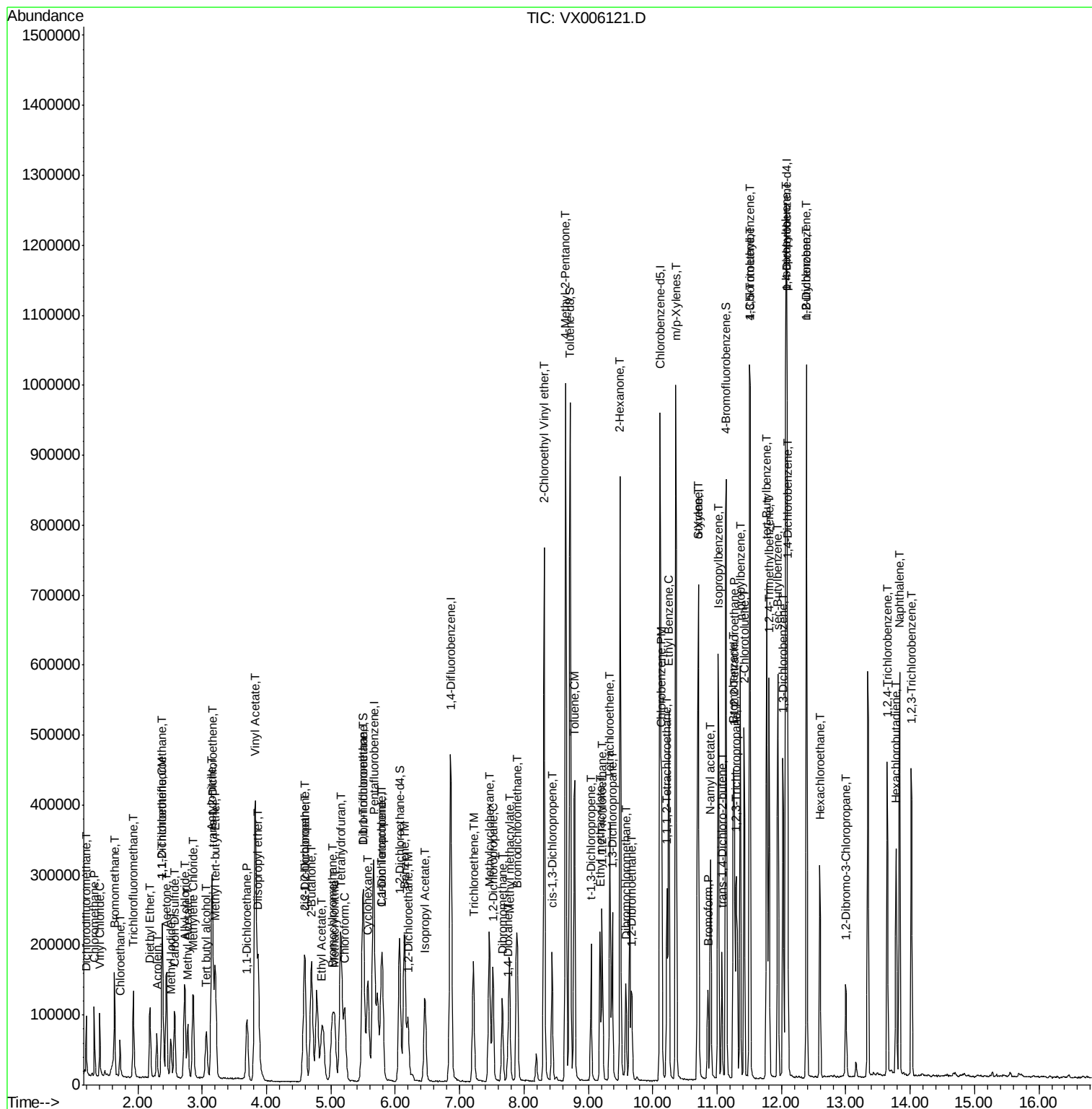
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
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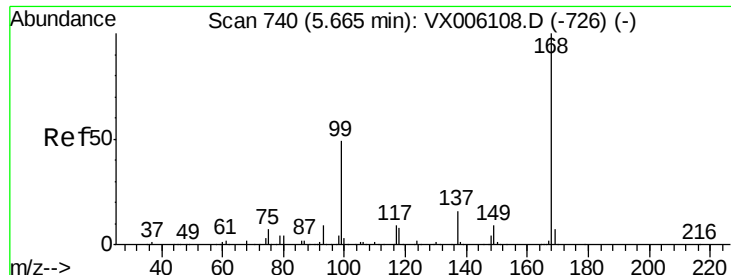
Instrument :
MSVOA_X
Client Sampled :
VX1121MBS01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:168 Resp: 318717

Ion Ratio Lower Upper

168 100

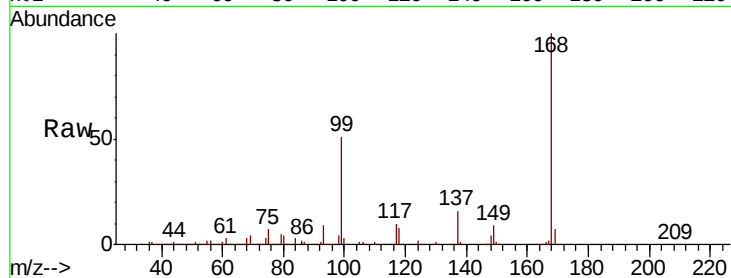
99 50.5 39.2 58.8

Manual Integrations

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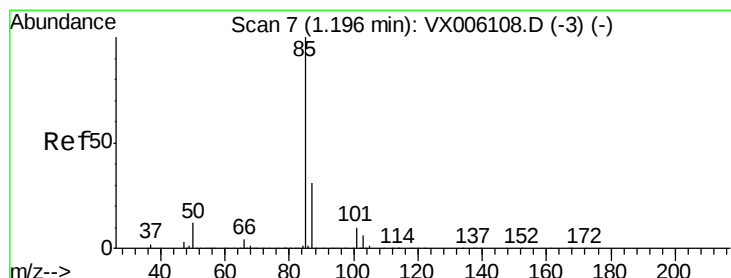
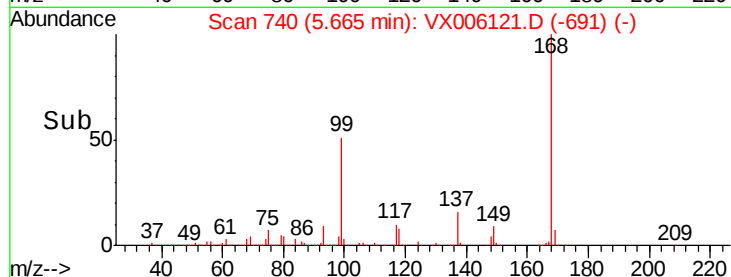
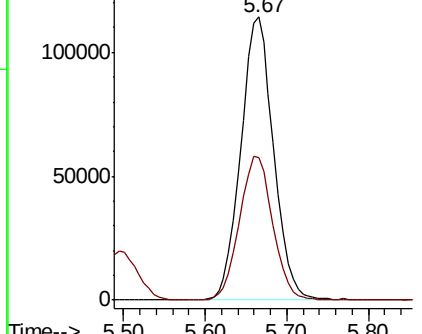
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.960 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006121.D

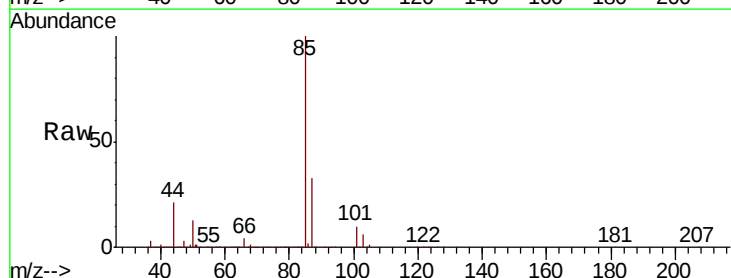
Acq: 21 Nov 2018 13:53

Tgt Ion: 85 Resp: 44905

Ion Ratio Lower Upper

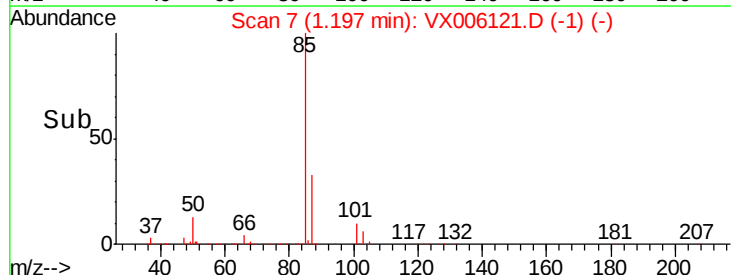
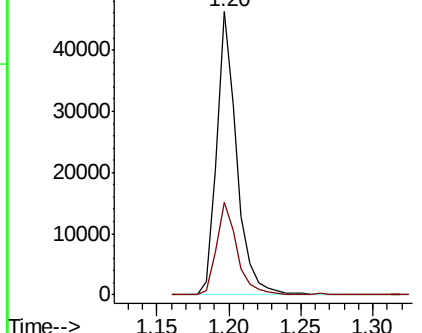
85 100

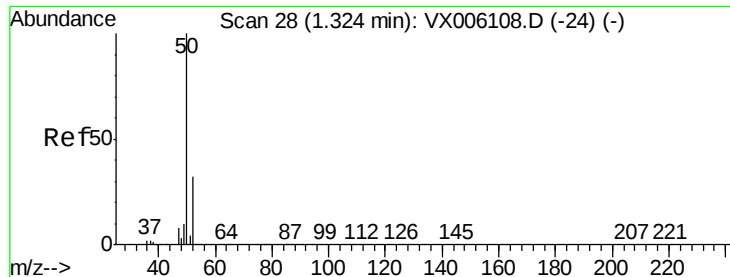
87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.012 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 50 Resp: 62866

Ion Ratio Lower Upper

50 100

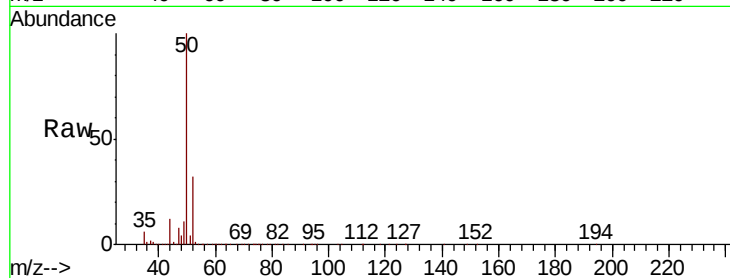
52 31.5 25.6 38.4

Manual Integrations

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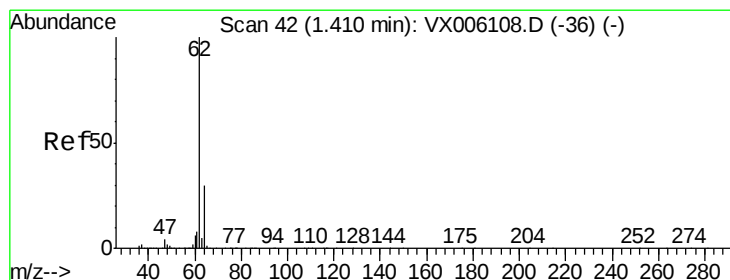
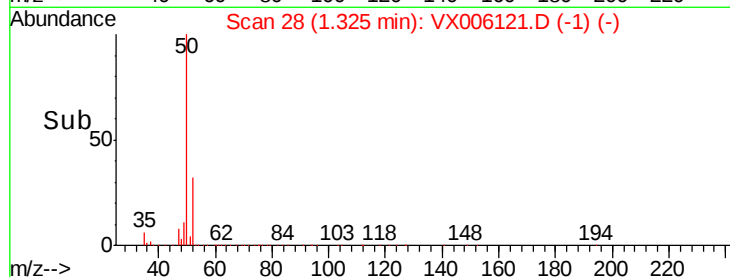
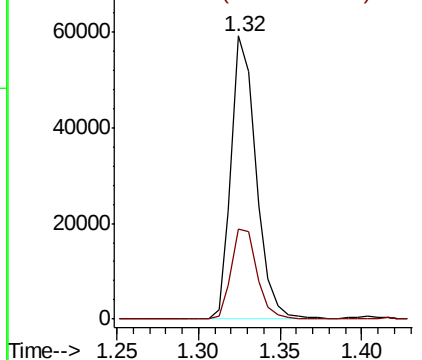
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.140 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006121.D

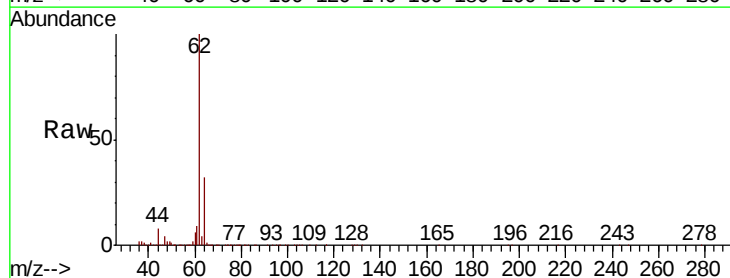
Acq: 21 Nov 2018 13:53

Tgt Ion: 62 Resp: 61292

Ion Ratio Lower Upper

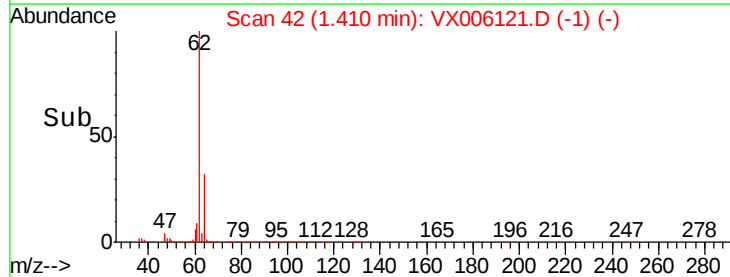
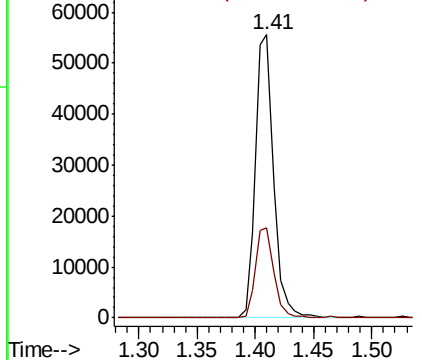
62 100

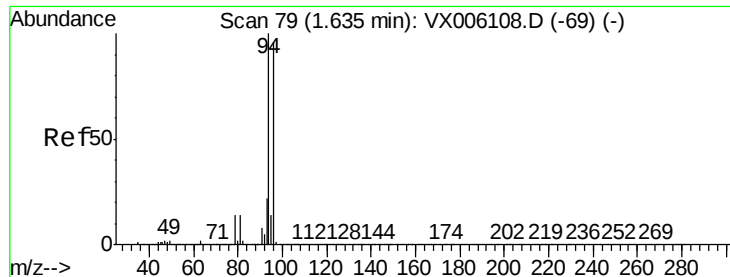
64 31.5 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.514 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

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ClientSampleId :

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Tot Ion: 94 Resp: 39946

Ion Ratio Lower Upper

94 100

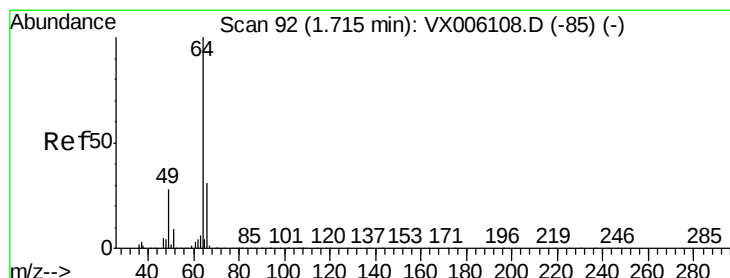
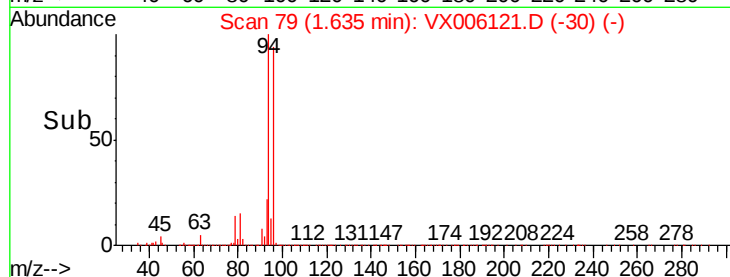
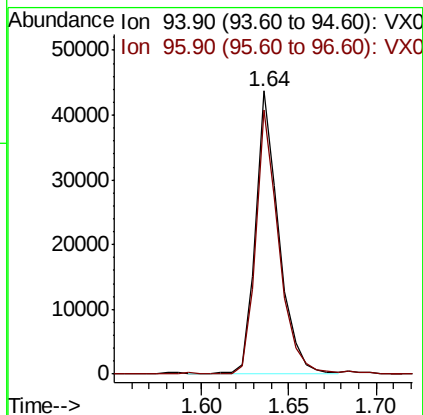
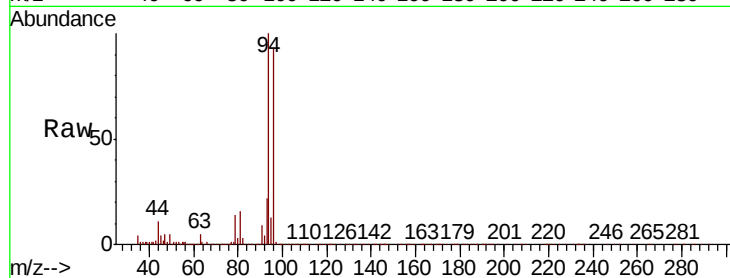
96 93.2 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 27.713 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006121.D

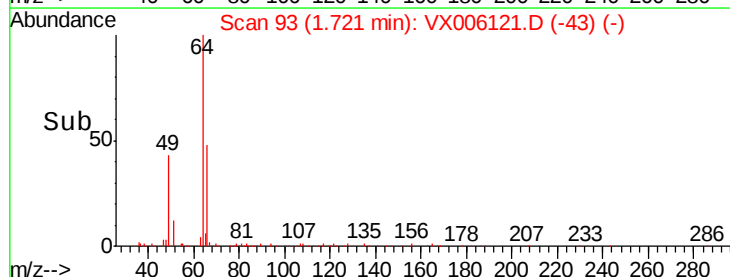
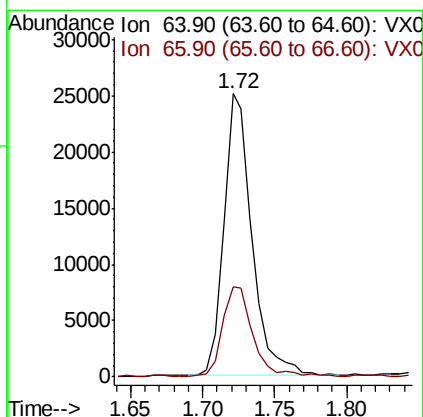
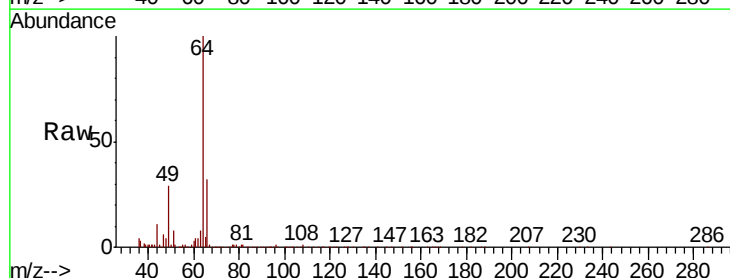
Acq: 21 Nov 2018 13:53

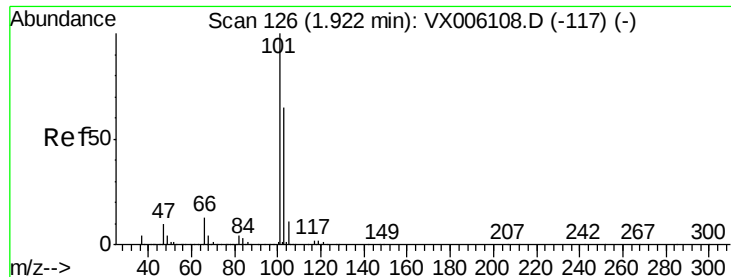
Tgt Ion: 64 Resp: 34457

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7





#7

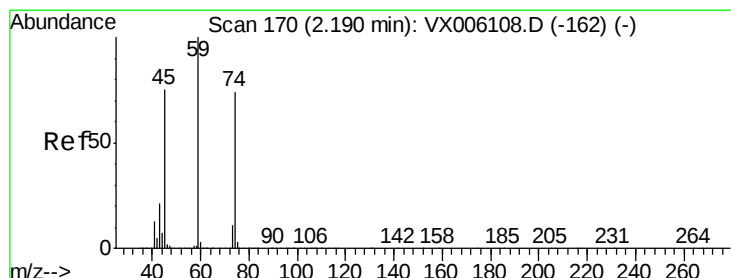
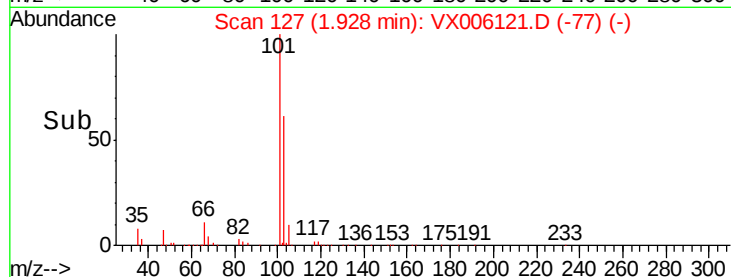
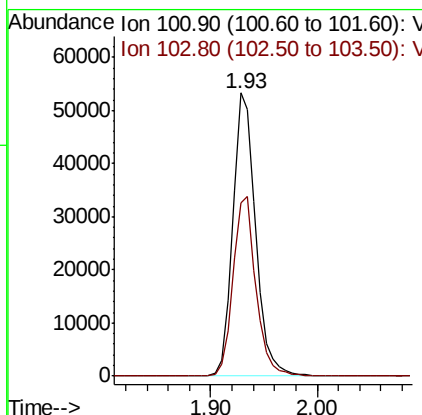
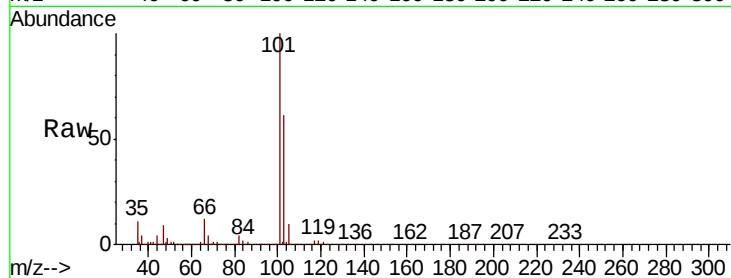
Trichlorofluoromethane
 Concen: 20.165 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX006121.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	52.1	78.1

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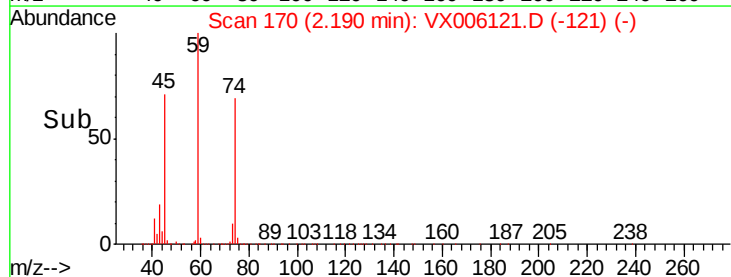
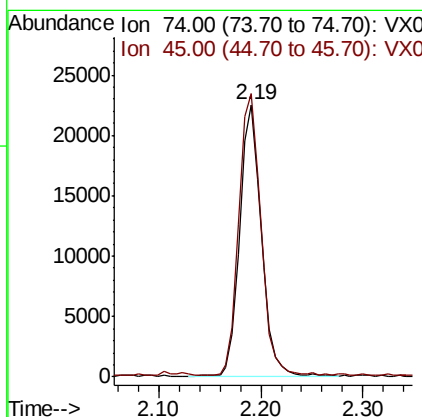
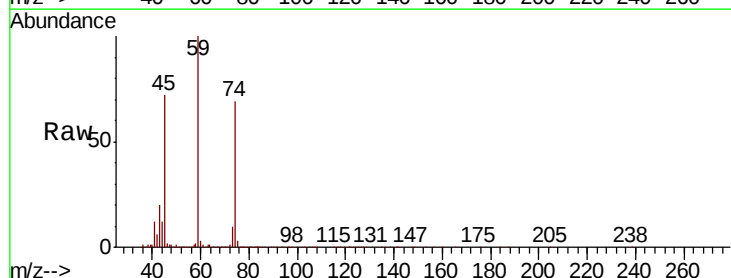
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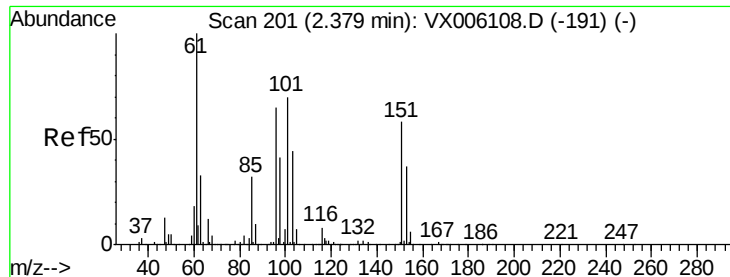


#8

Diethyl Ether
 Concen: 19.699 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.166 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

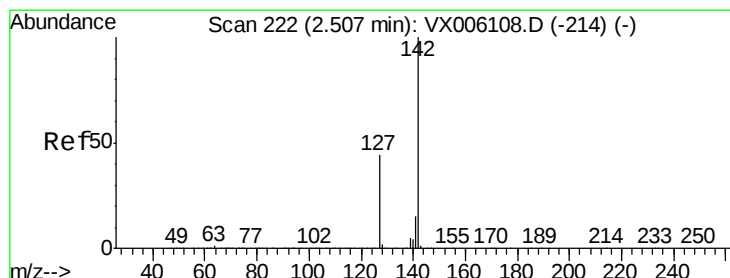
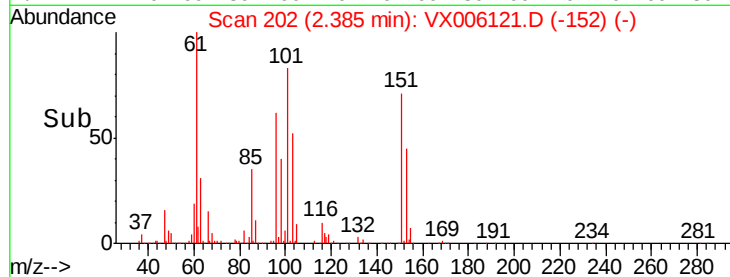
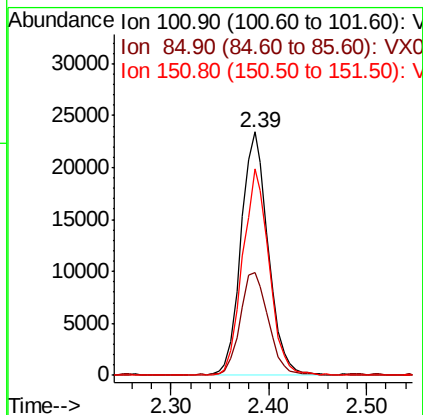
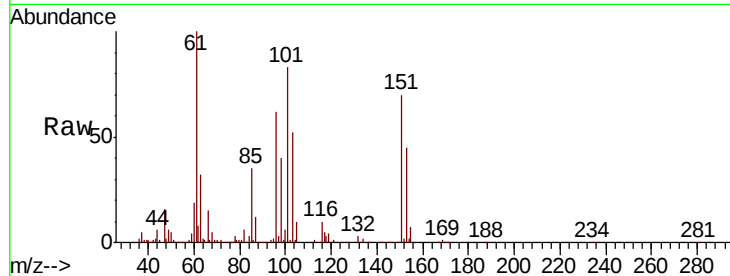
ClientSampleId :

VX1121MBS01

Tot Ion:	101	Resp:	45245
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	82.6	65.8	98.6

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#10

Methyl Iodide

Concen: 19.121 ug/l

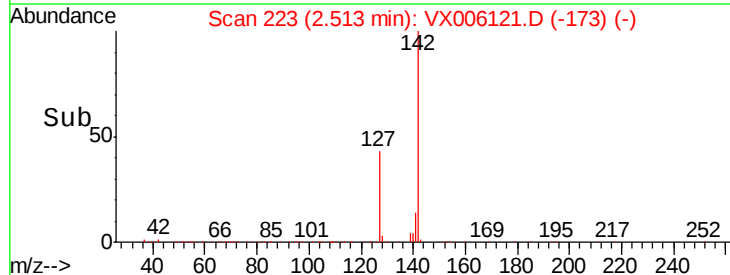
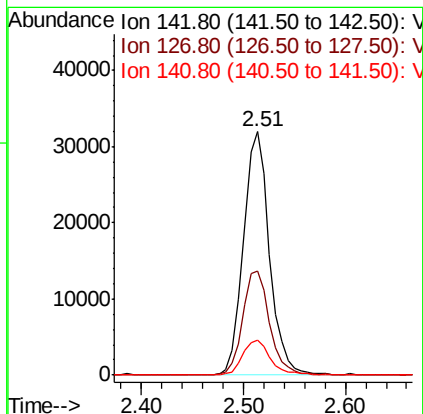
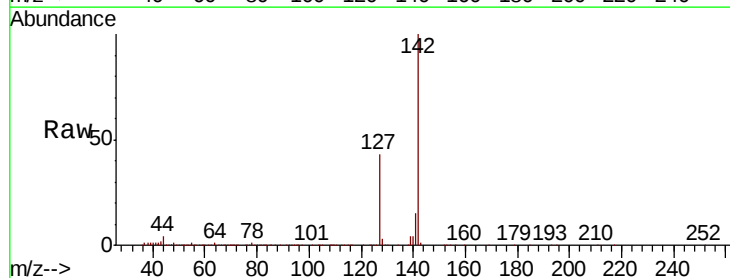
RT: 2.51 min Scan# 223

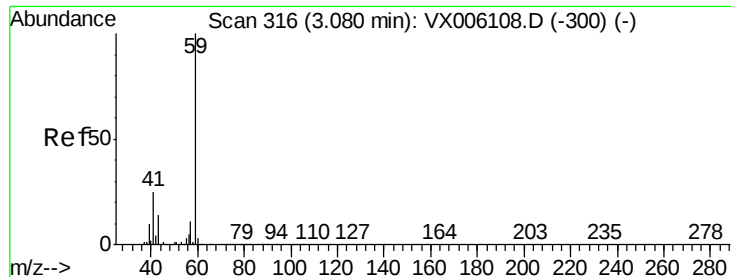
Delta R.T. 0.01 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Tgt Ion:	142	Resp:	56594
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.0	54.0
141	15.6	11.7	17.5





#11

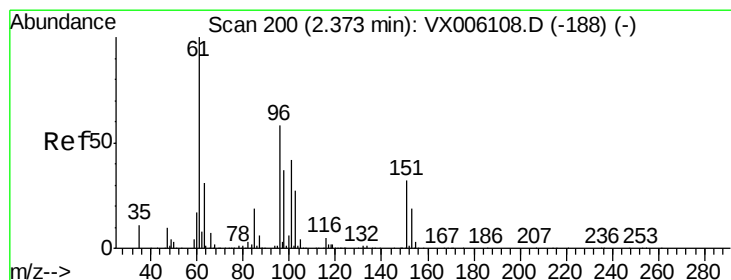
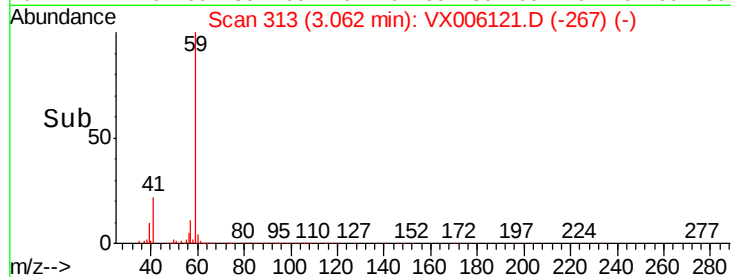
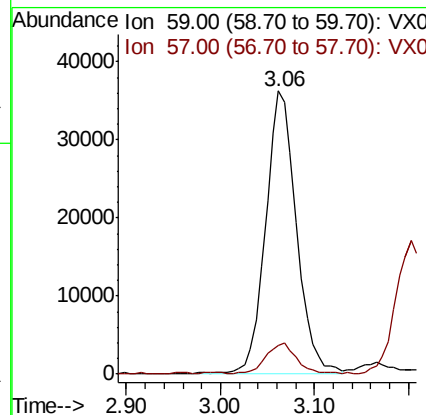
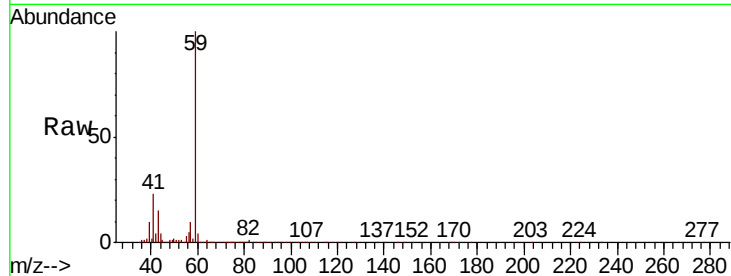
Tert butyl alcohol
Concen: 106.226 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.7	13.1

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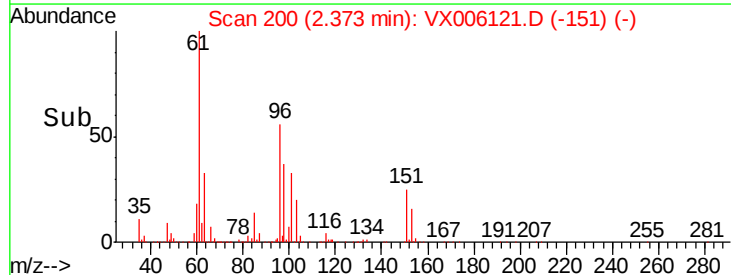
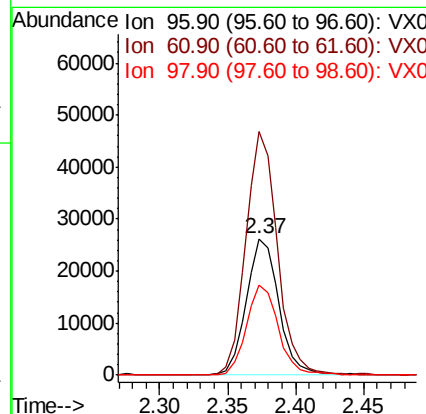
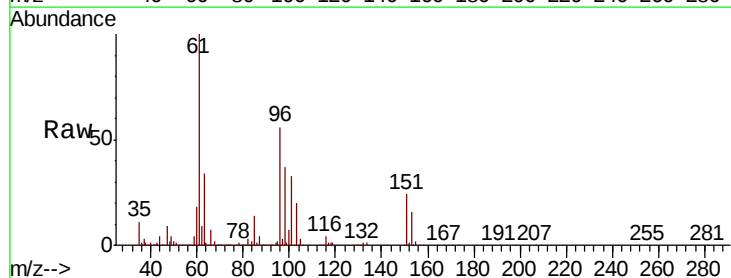
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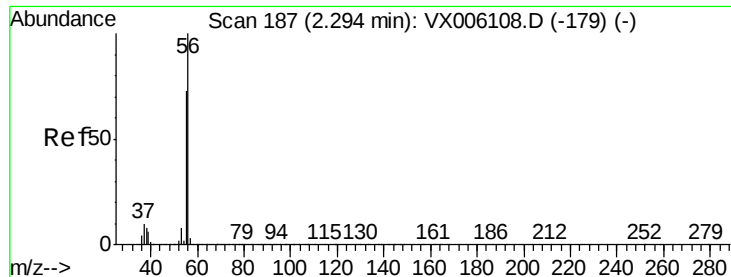


#12

1,1-Dichloroethene
Concen: 18.933 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	178.1	138.2	207.4
98	98	66.2	51.3	76.9





#13

Acrolein

Concen: 93.491 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 56 Resp: 43951

Ion Ratio Lower Upper

56 100

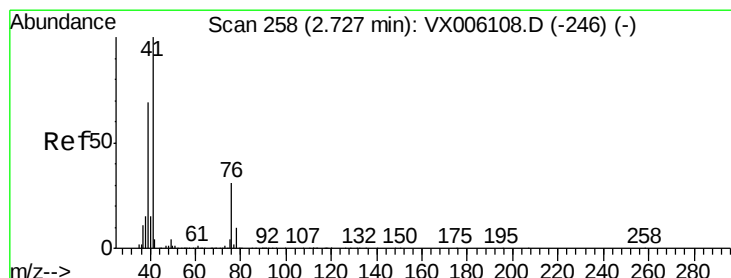
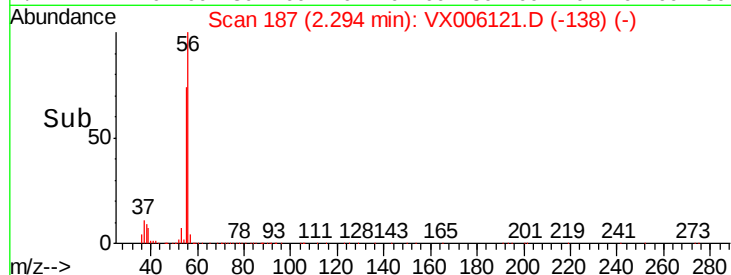
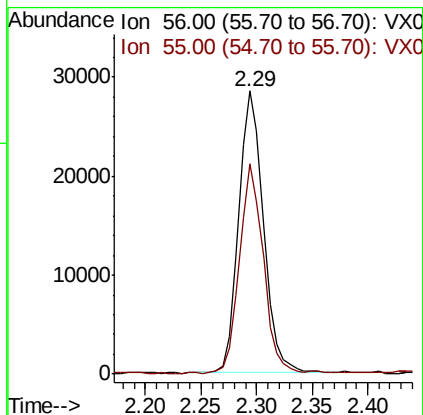
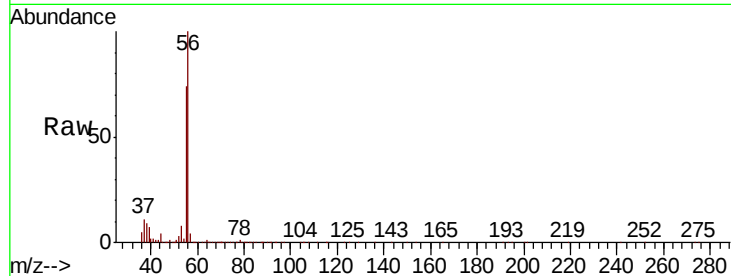
55 72.0 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.275 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

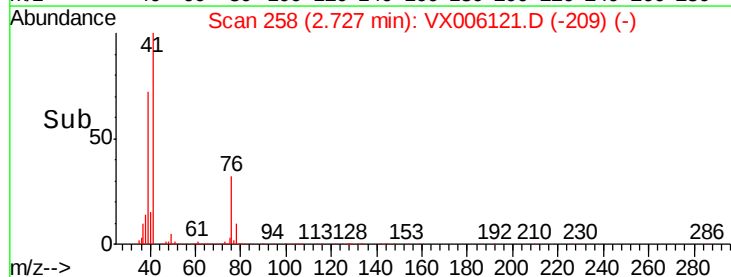
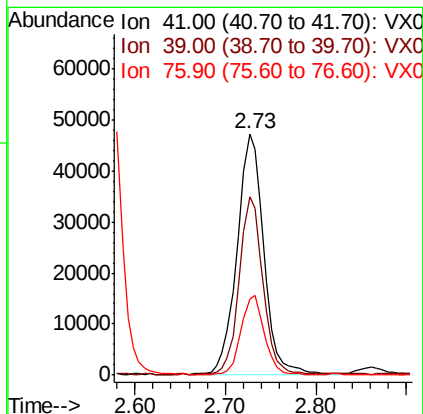
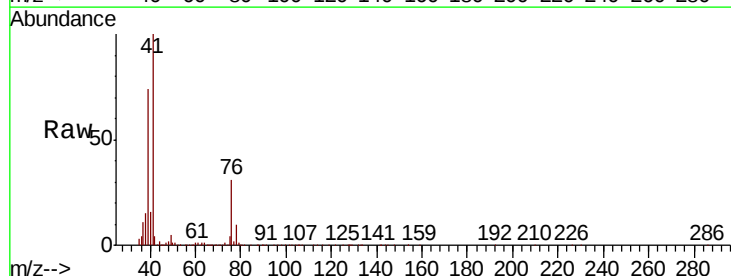
Tgt Ion: 41 Resp: 95461

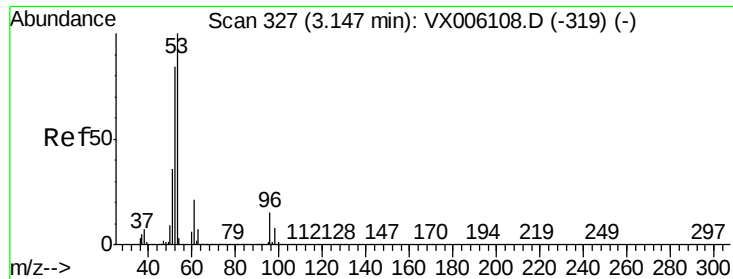
Ion Ratio Lower Upper

41 100

39 66.6 52.5 78.7

76 29.5 23.4 35.2





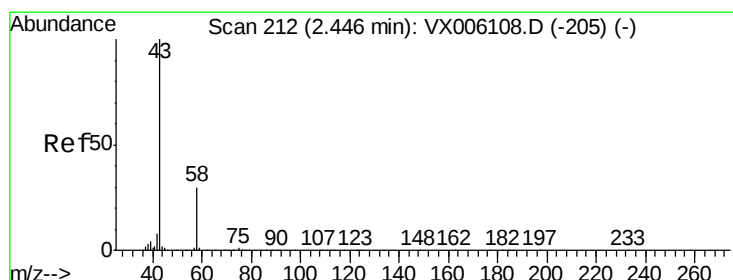
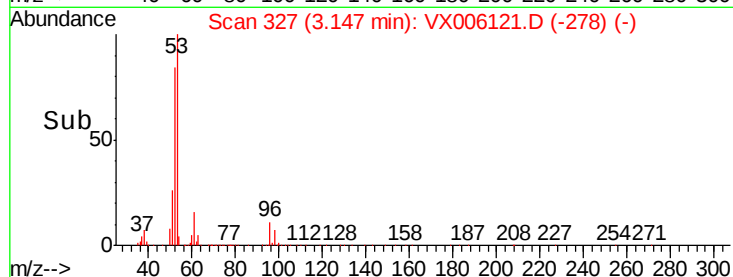
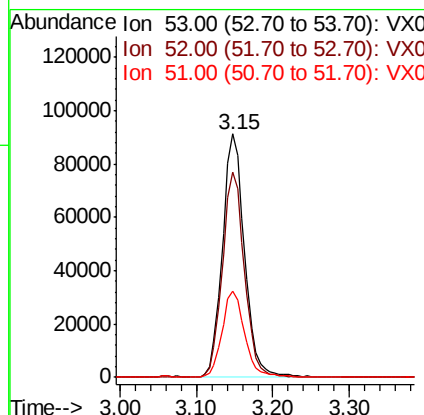
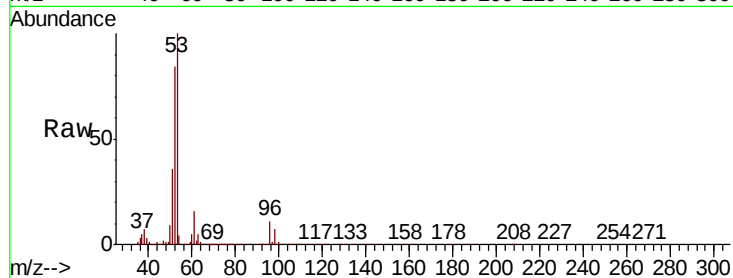
#15
Acrylonitrile
Concen: 104.423 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	53	Resp	181201
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.4	99.6
51	36.2	29.4	44.0

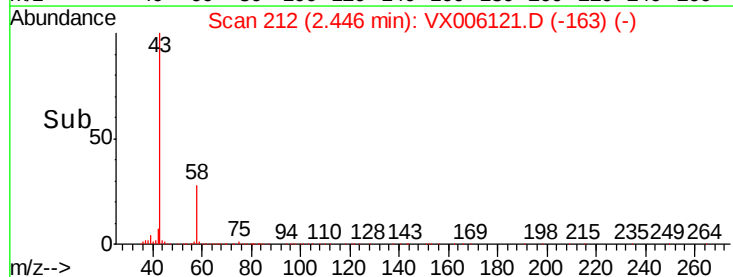
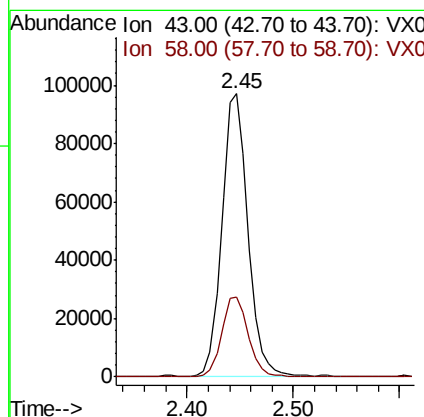
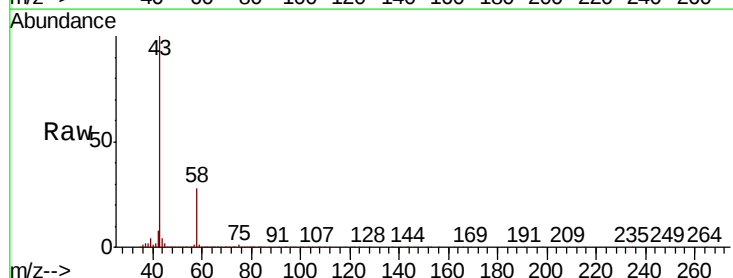
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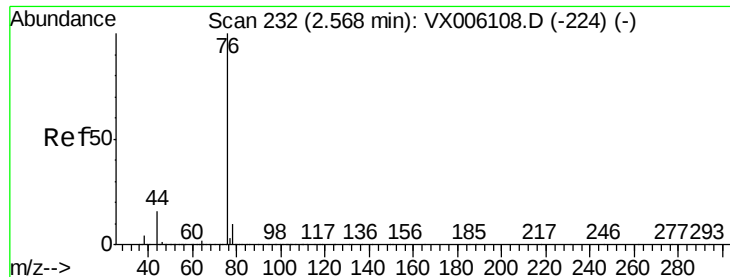
MMDadoda
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#16
Acetone
Concen: 100.296 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	43	Resp	164366
Ion Ratio	Lower	Upper	
43	100		
58	28.4	23.8	35.8





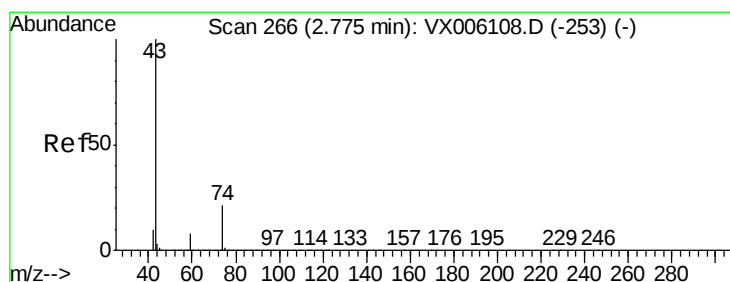
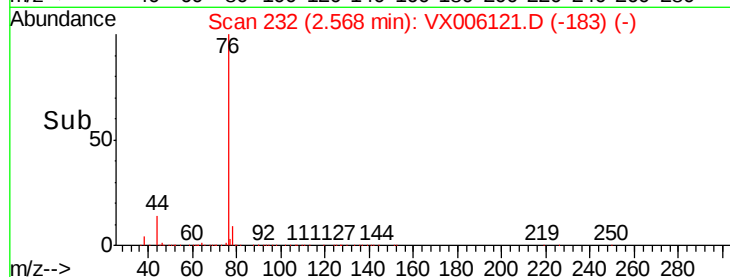
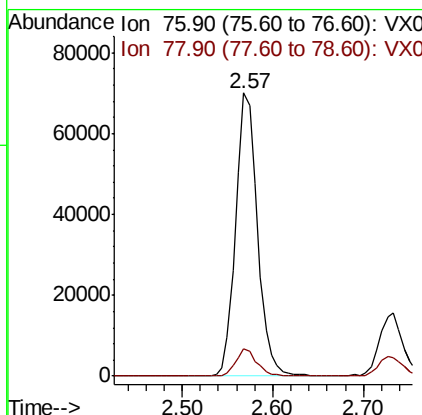
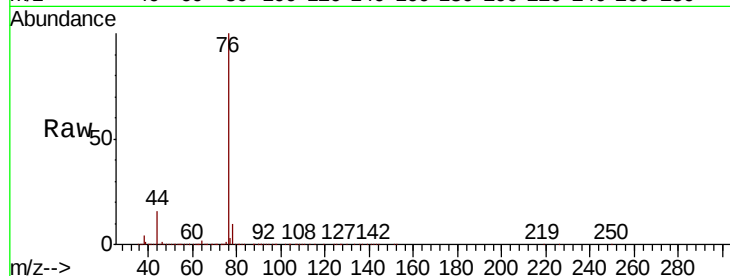
#17
Carbon Disulfide
Concen: 18.963 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.7	11.5

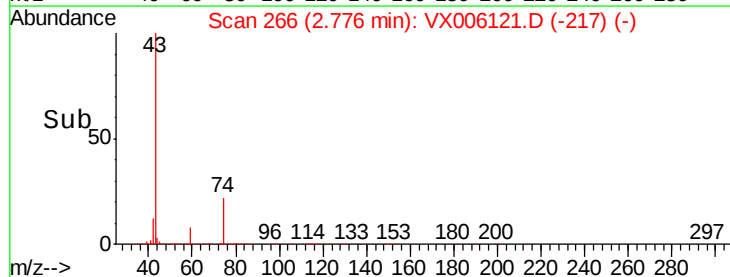
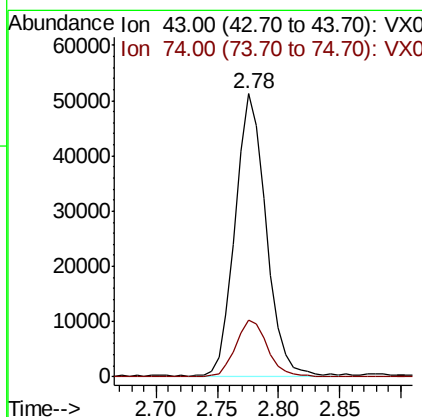
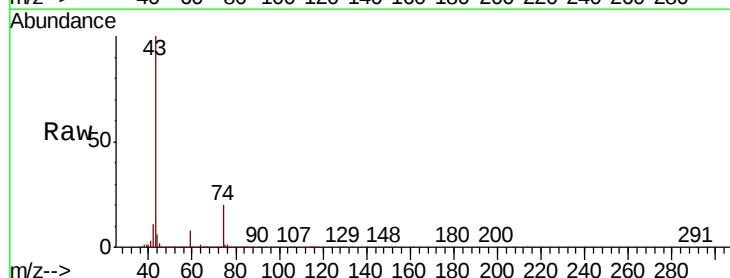
Manual Integrations
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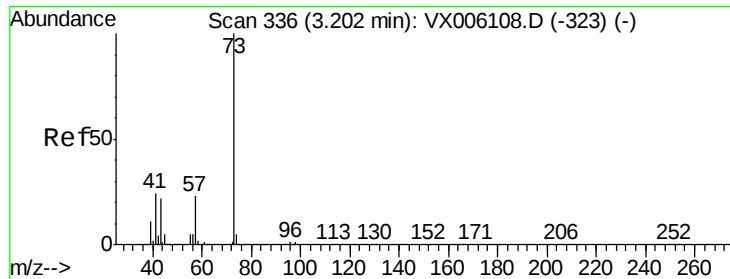
MMDadoda
11/26/2018 10:52:20 AM



#18
Methyl Acetate
Concen: 21.220 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.3	25.9





#19

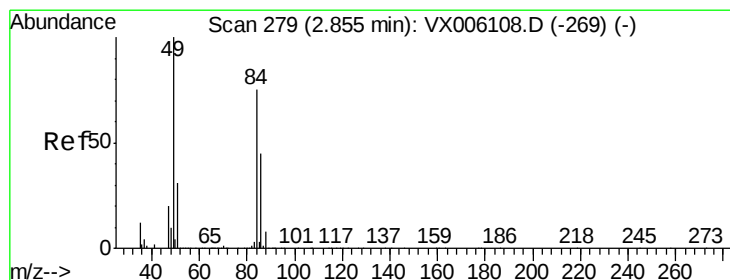
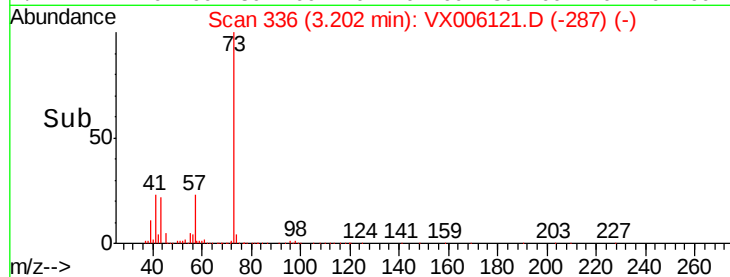
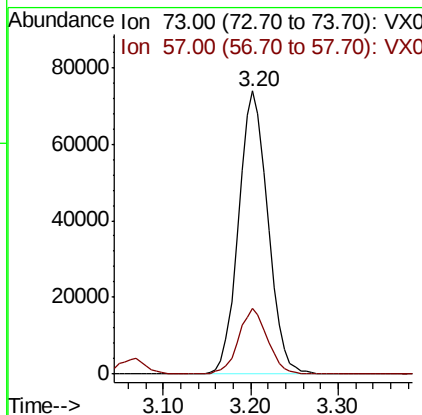
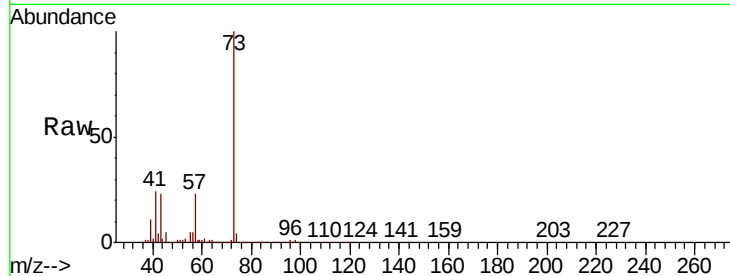
Methyl tert-butyl Ether
 Concen: 21.632 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.4

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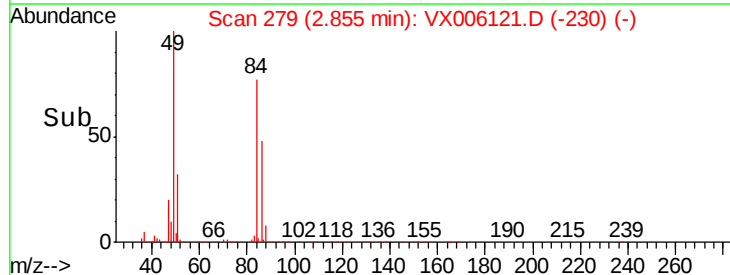
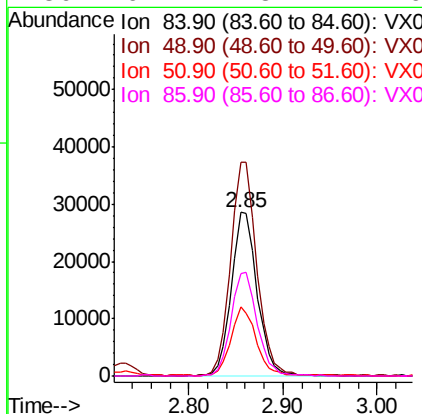
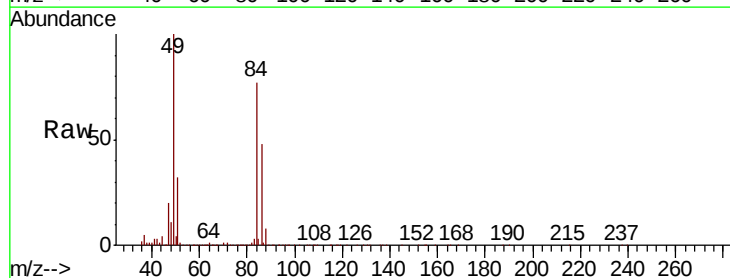
MMDadoda
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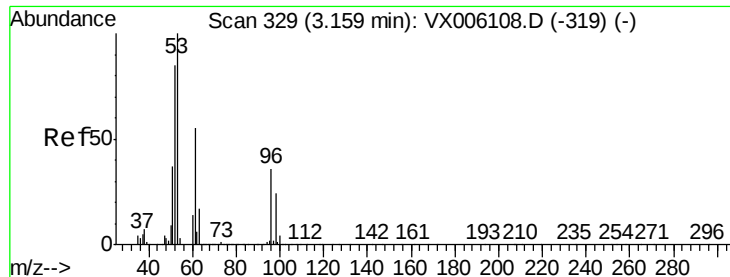


#20

Methylene Chloride
 Concen: 21.803 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.1	106.6	159.8
51	41.6	32.6	49.0
86	62.7	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 21.036 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

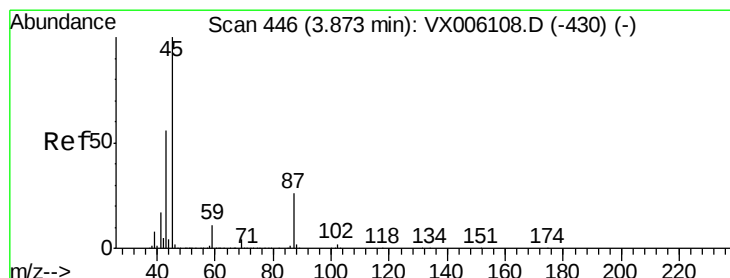
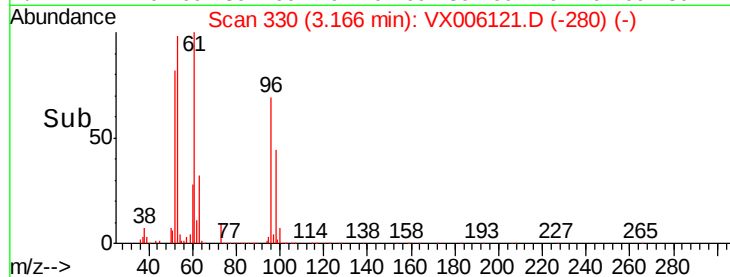
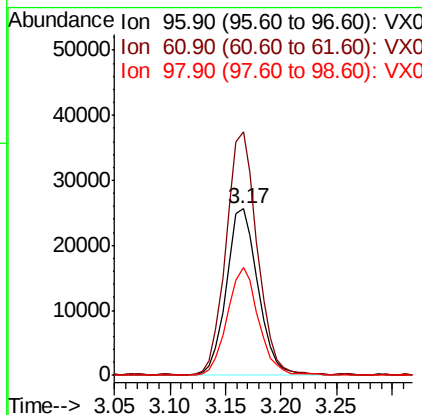
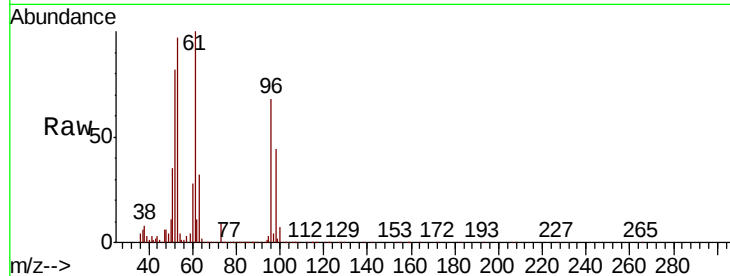
ClientSampleId :

VX1121MBS01

Tot Ion:	96	Resp:	50651
Ion	Ratio	Lower	Upper
96	100		
61	145.7	122.0	183.0
98	64.3	52.7	79.1

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#22

Diisopropyl ether

Concen: 19.726 ug/l

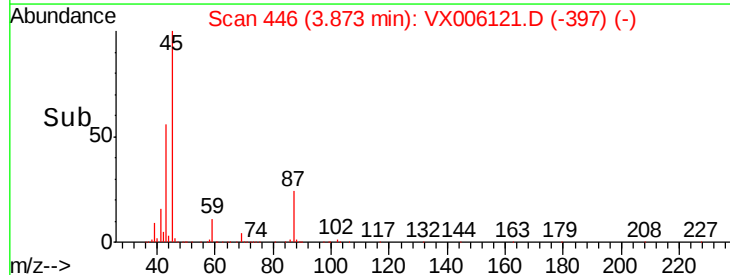
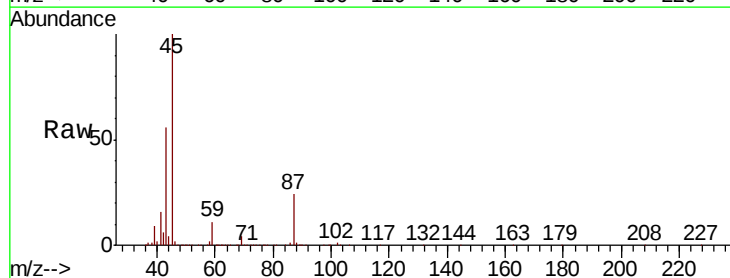
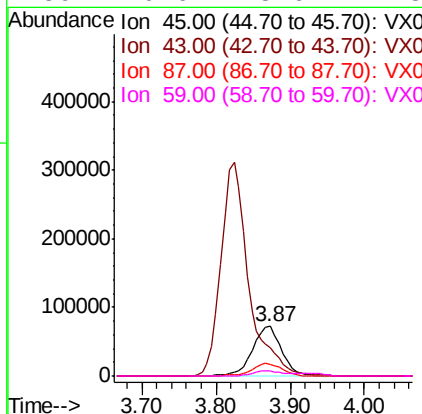
RT: 3.87 min Scan# 446

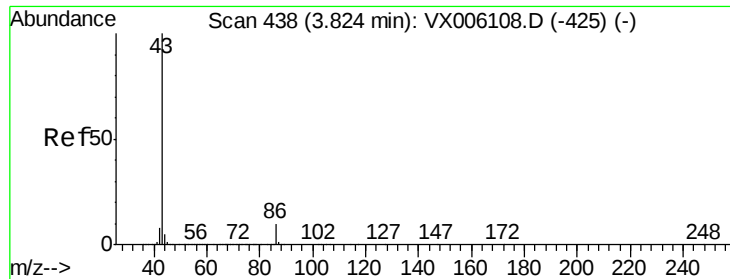
Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Tgt Ion:	45	Resp:	198825
Ion	Ratio	Lower	Upper
45	100		
43	55.5	45.8	68.8
87	24.4	21.0	31.4
59	10.6	8.6	12.8





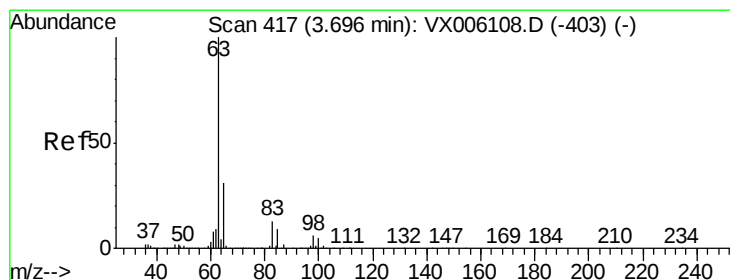
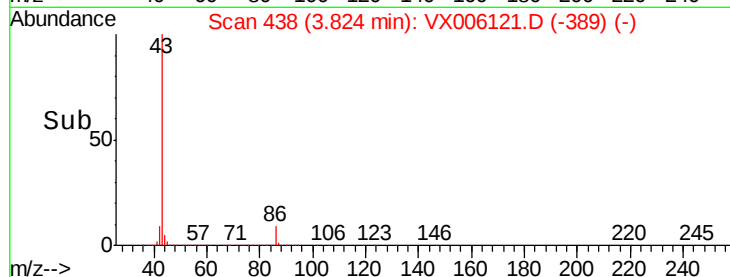
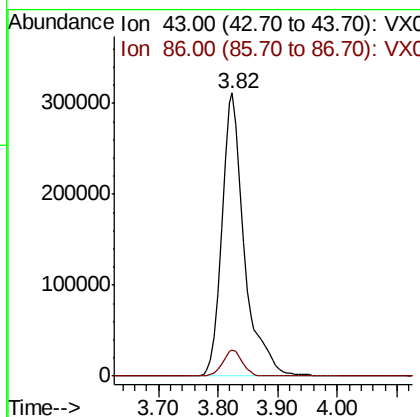
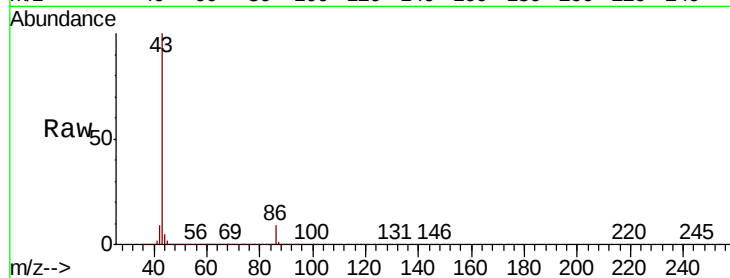
#23
 Vinyl Acetate
 Concen: 97.420 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	43	Resp	814633
Ion Ratio	100	Lower	Upper
43	100		
86	9.3	7.6	11.4

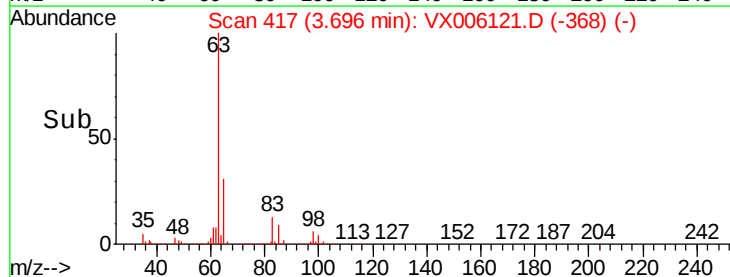
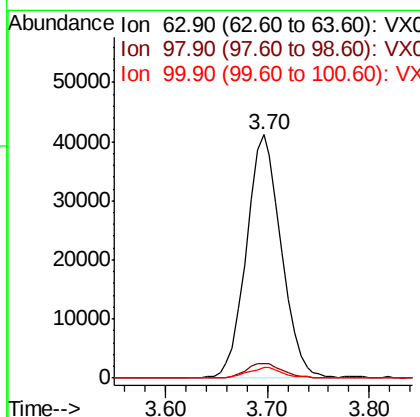
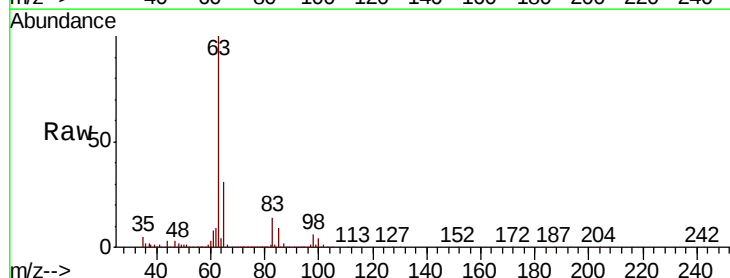
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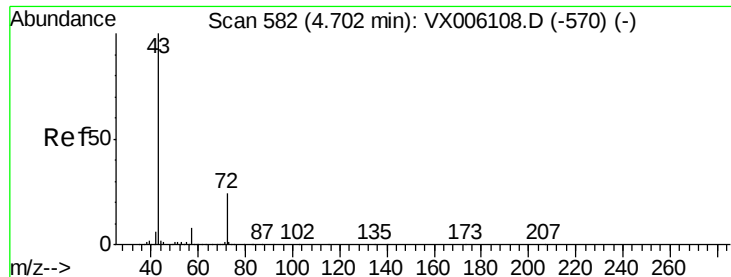
MMDadoda
 11/26/2018 10:52:20 AM



#24
 1,1-Dichloroethane
 Concen: 20.445 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	63	Resp	97083
Ion Ratio	100	Lower	Upper
63	100		
98	5.9	3.3	9.8
100	4.4	2.4	7.1





#25

2-Butanone

Concen: 103.151 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 43 Resp: 313770

Ion Ratio Lower Upper

43 100

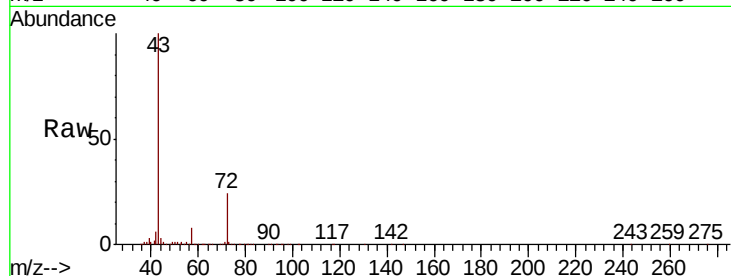
72 24.0 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

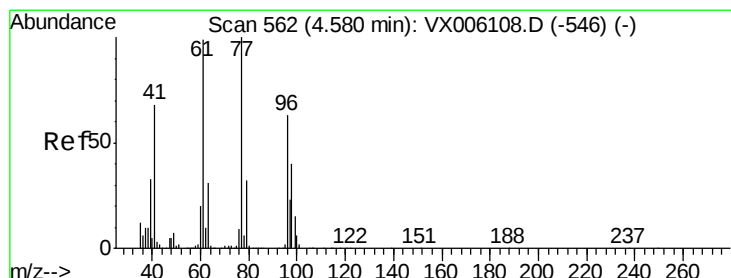
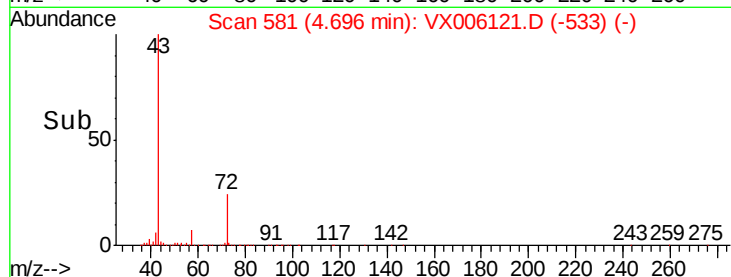
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.769 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006121.D

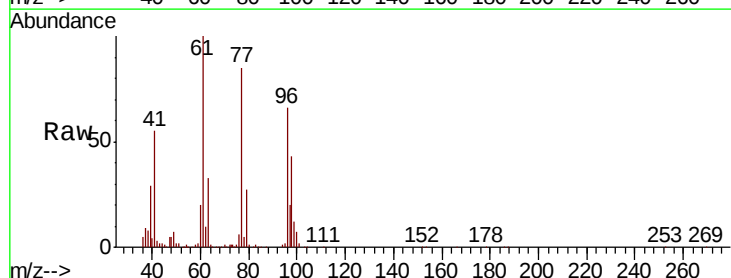
Acq: 21 Nov 2018 13:53

Tgt Ion: 77 Resp: 81285

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

10000

5000

0

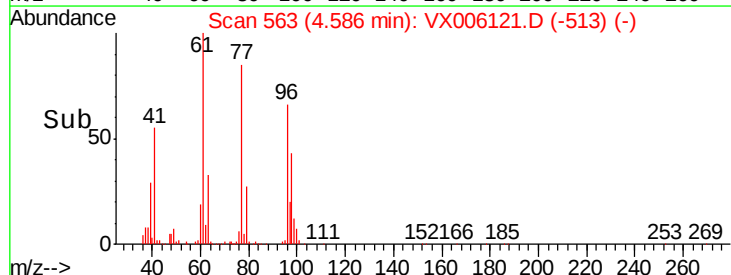
4.40

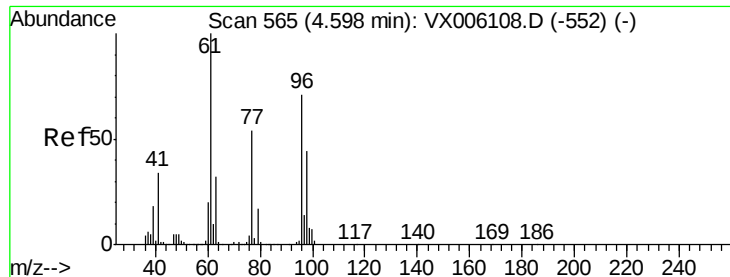
4.50

4.60

4.70

Time-->





#27

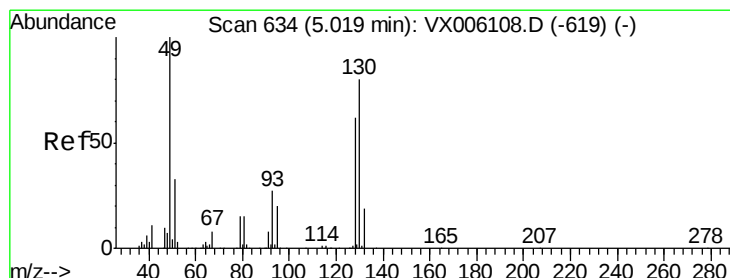
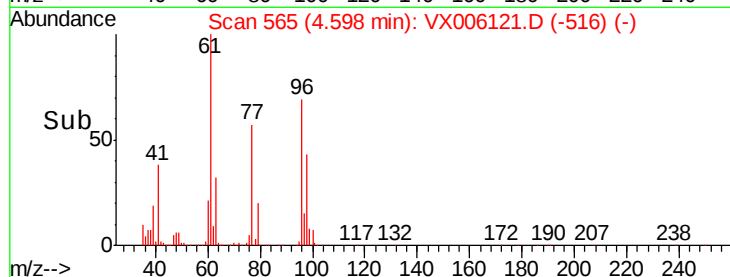
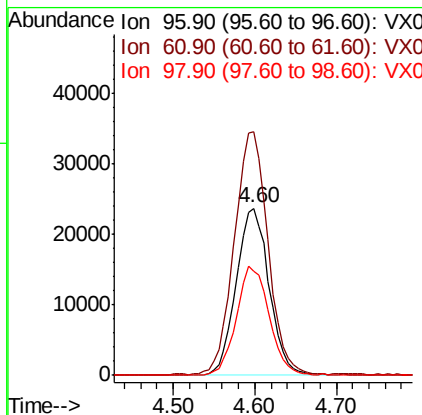
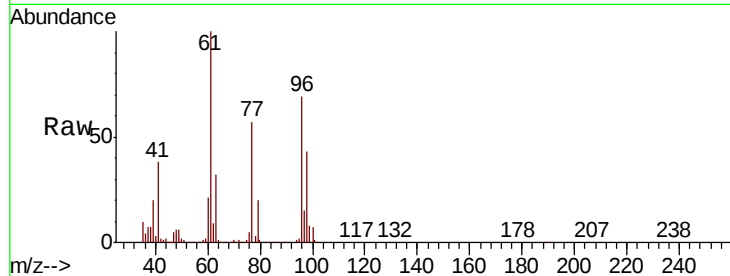
cis-1,2-Dichloroethene
Concen: 19.729 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	291.6
98	65.0	0.0	128.2

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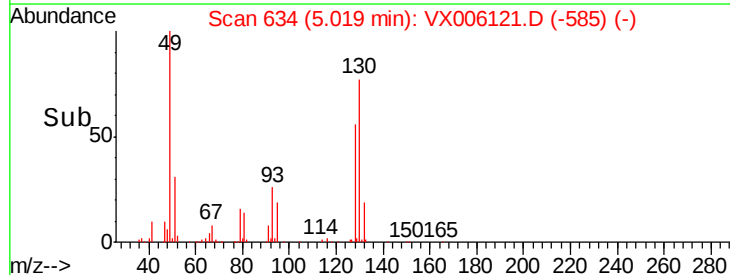
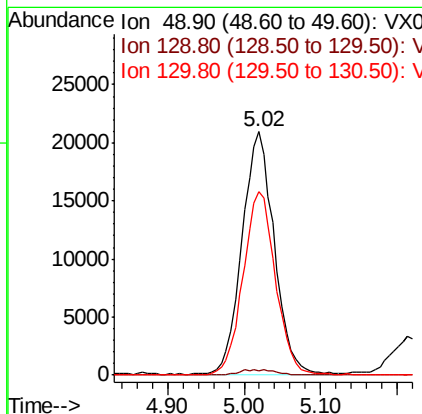
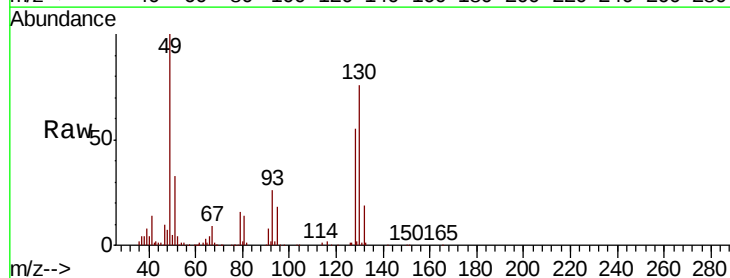
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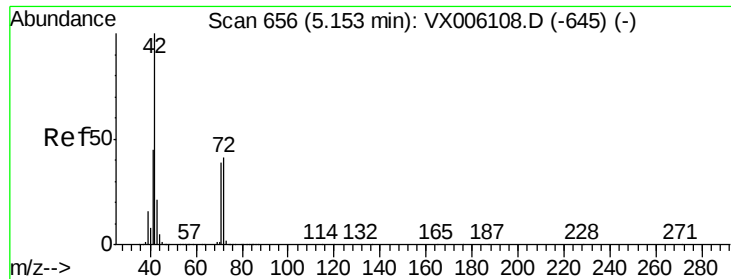


#28

Bromochloromethane
Concen: 22.274 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	75.3	61.6	92.4





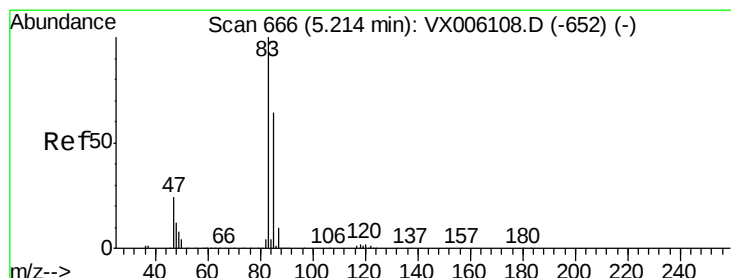
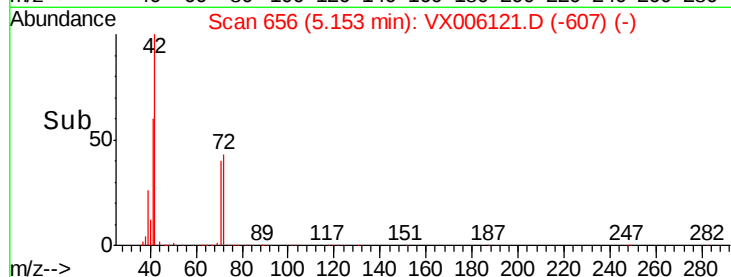
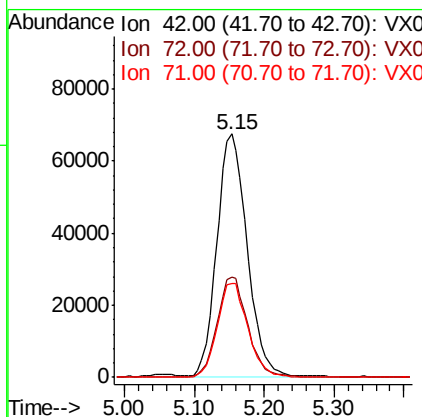
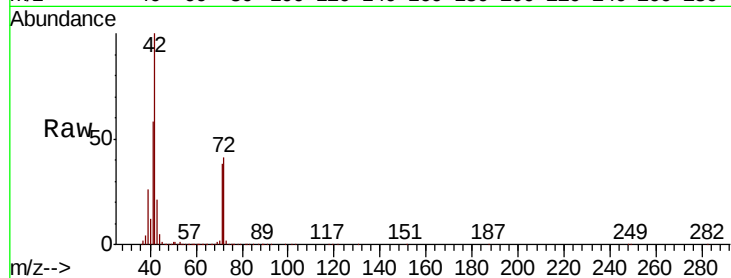
#29
Tetrahydrofuran
Concen: 106.444 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.0	49.6
71	39.2	31.0	46.4

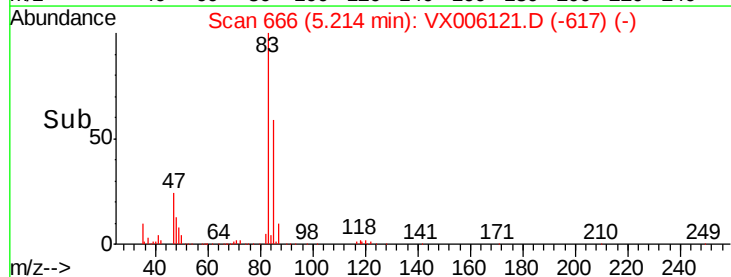
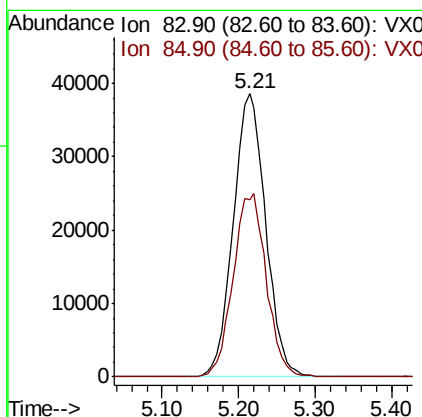
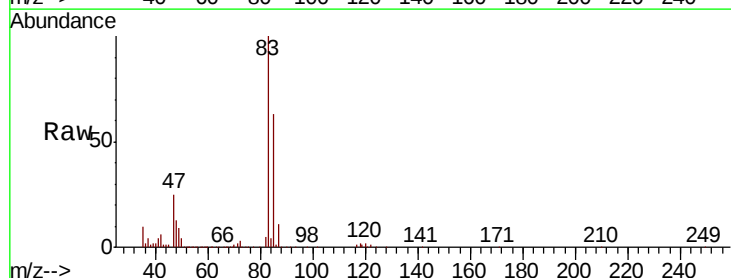
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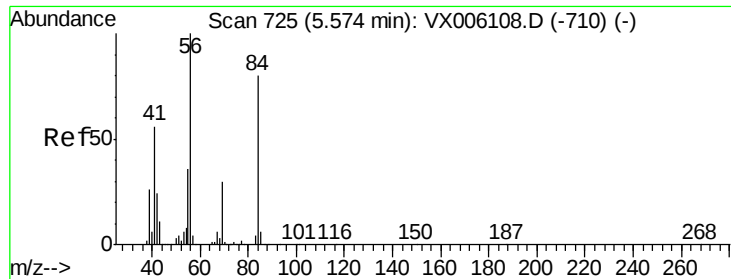
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#30
Chloroform
Concen: 19.725 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.0	76.4





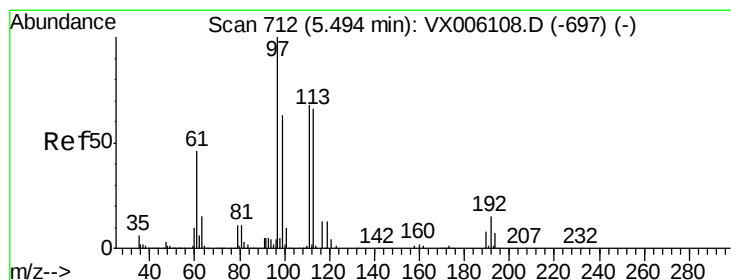
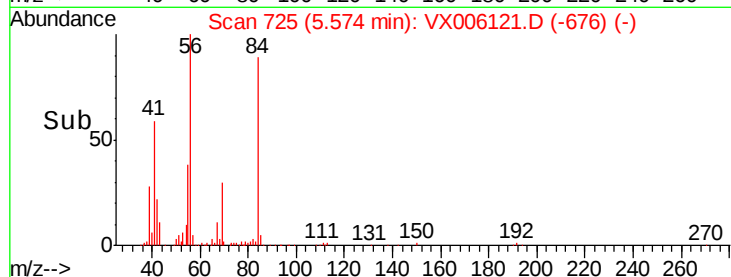
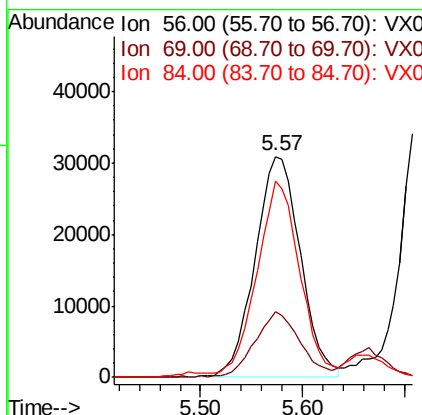
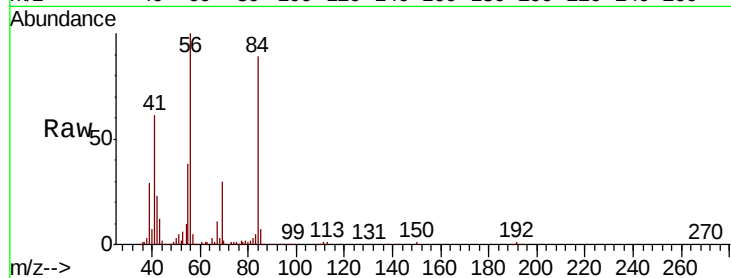
#31
Cyclohexane
Concen: 19.113 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.9	35.9
84	87.1	63.6	95.4

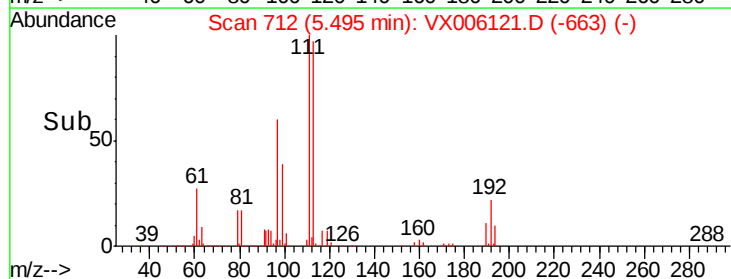
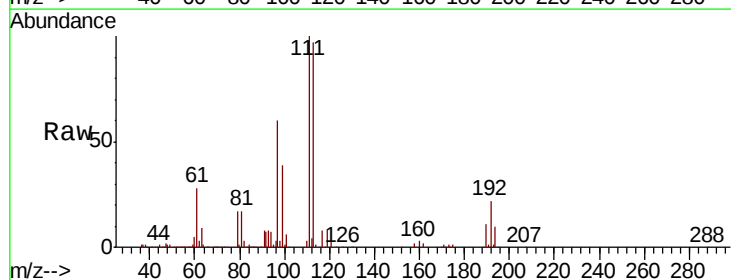
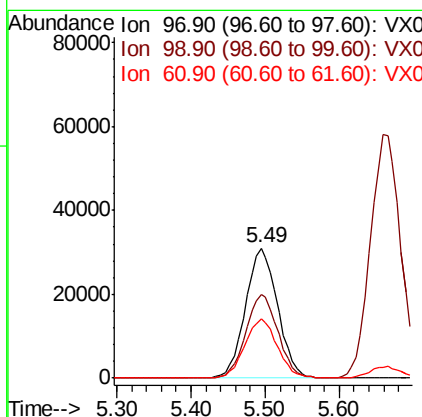
Manual Integrations
APPROVED

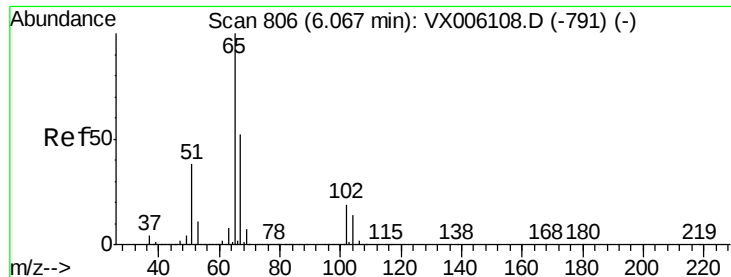
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#32
1,1,1-Trichloroethane
Concen: 20.181 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	46.2	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 53.775 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 65 Resp: 198597

Ion Ratio Lower Upper

65 100

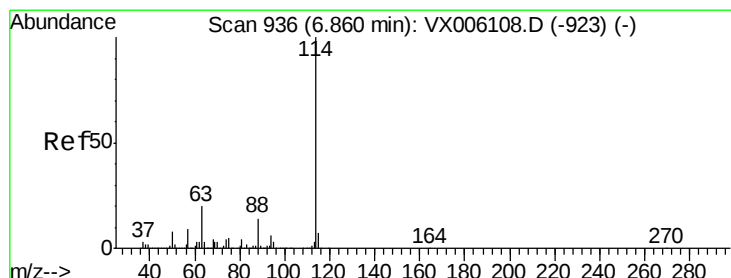
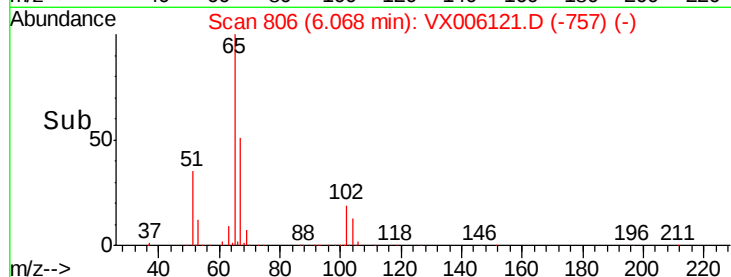
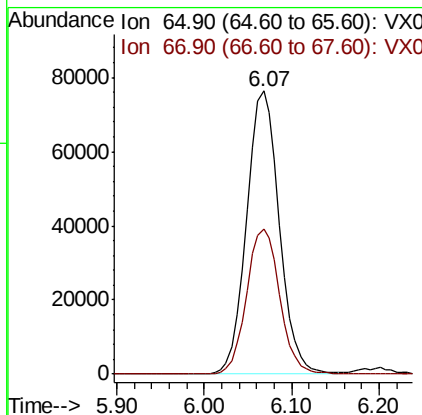
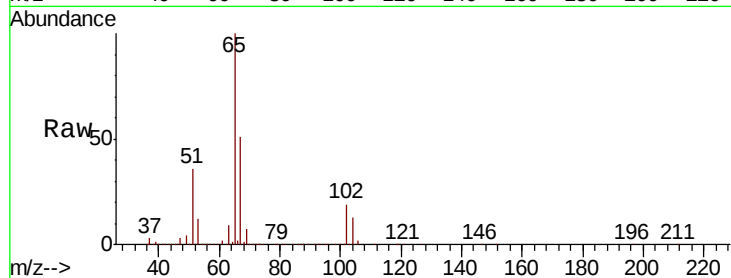
67 52.0 0.0 105.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

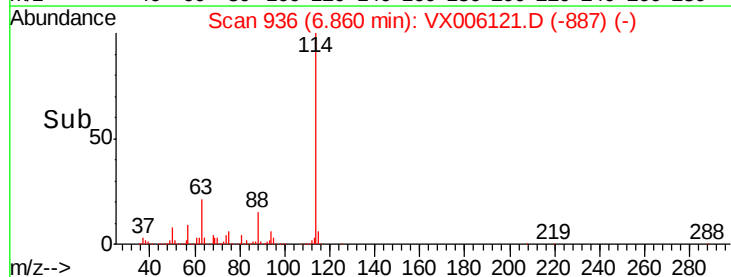
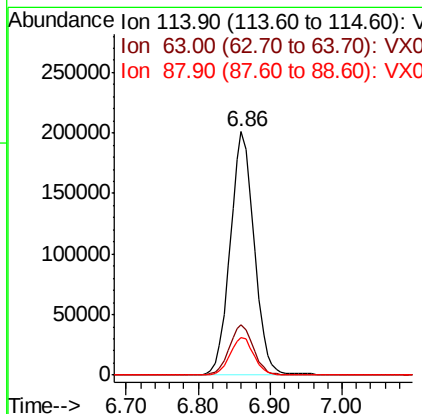
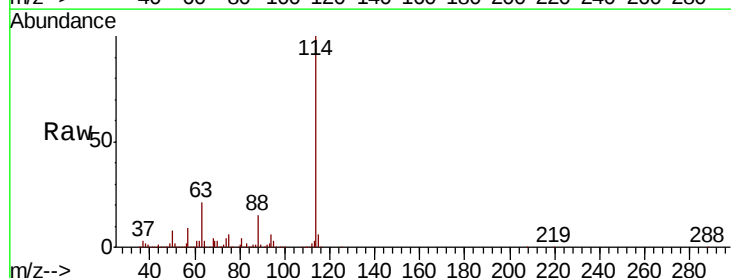
Tgt Ion: 114 Resp: 467997

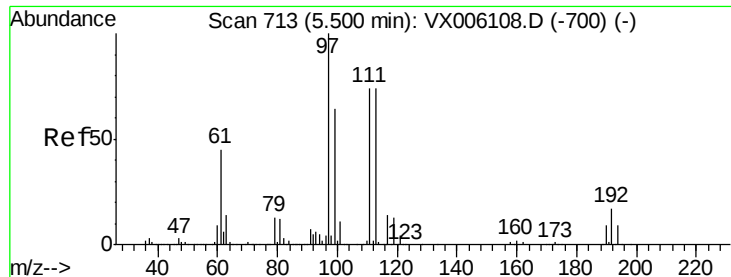
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 15.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 51.449 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

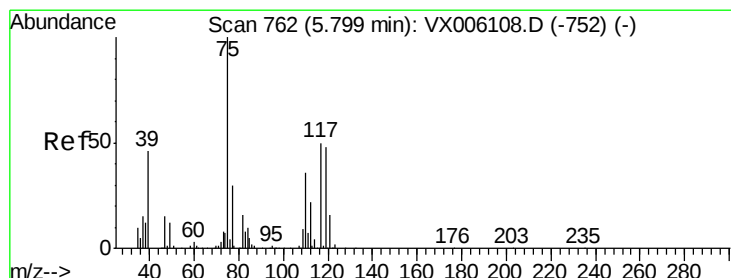
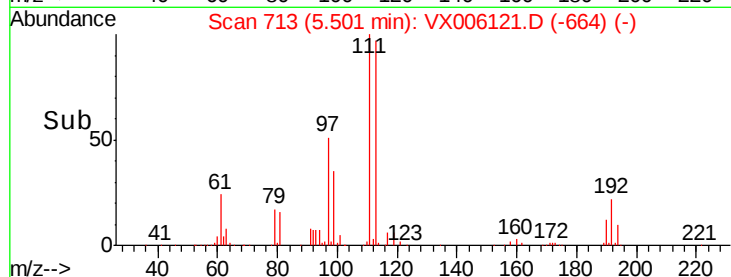
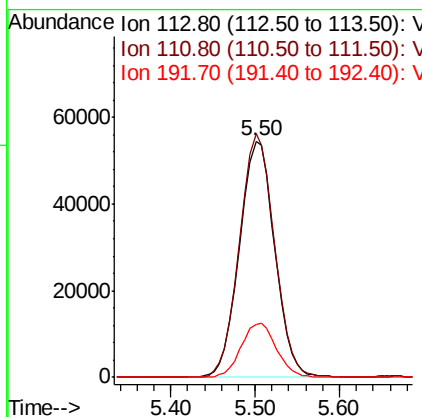
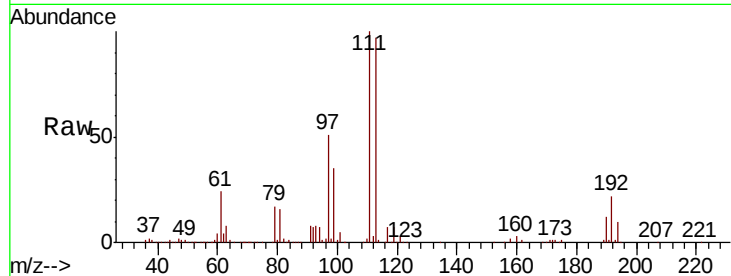
ClientSampleId :

VX1121MBS01

Tot Ion:	113	Resp:	154561
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.5	122.3
192	23.1	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 19.394 ug/l

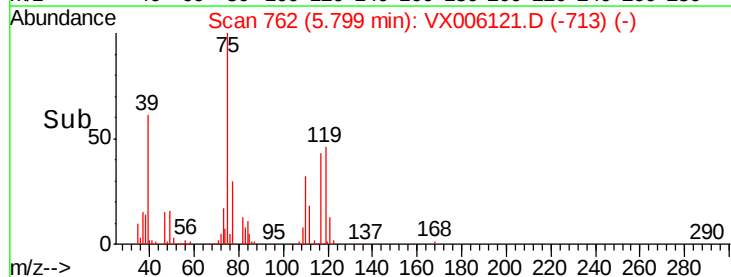
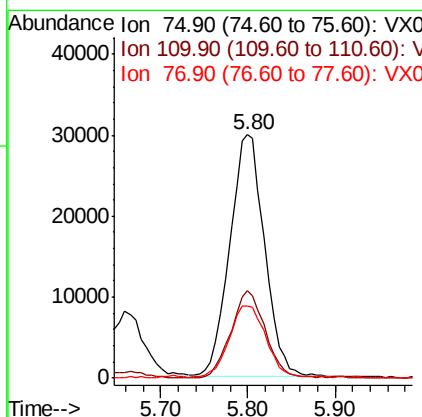
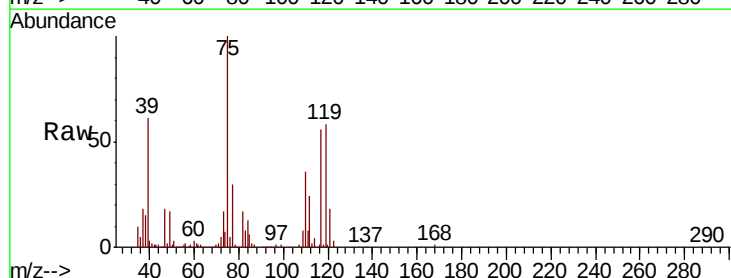
RT: 5.80 min Scan# 762

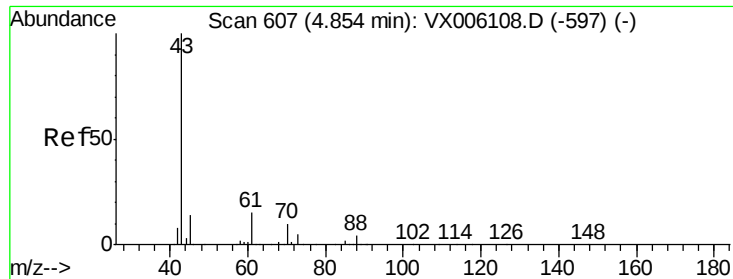
Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Tgt Ion:	75	Resp:	82572
Ion Ratio	Lower	Upper	
75	100		
110	36.0	17.8	53.3
77	30.7	24.5	36.7





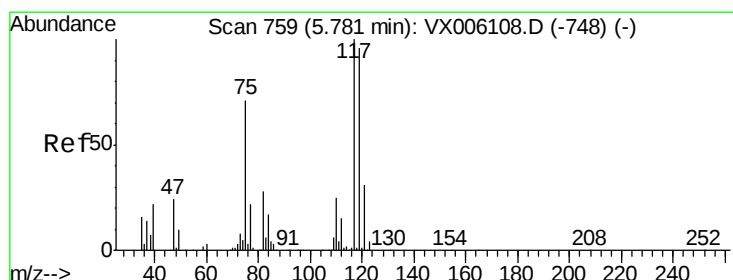
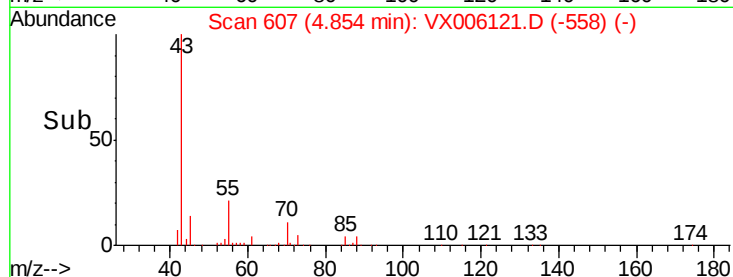
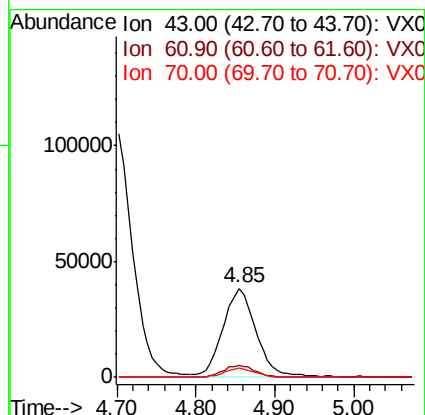
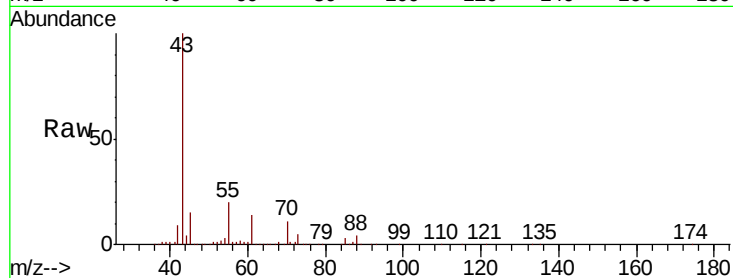
#37
Ethyl Acetate
Concen: 20.269 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	10.0	7.9	11.9

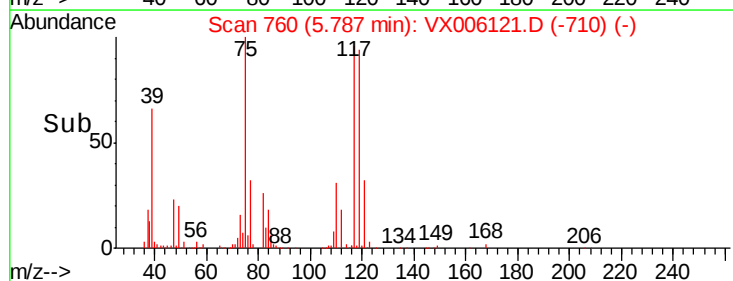
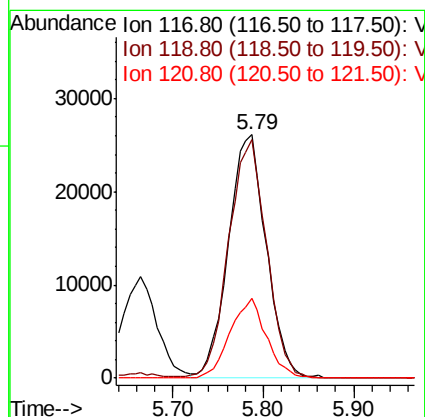
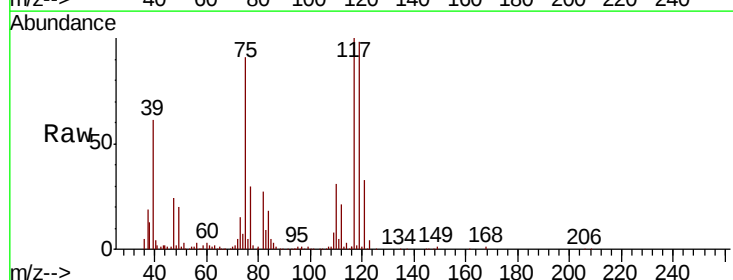
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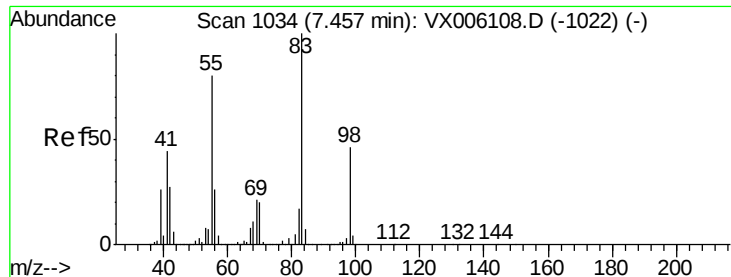
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#38
Carbon Tetrachloride
Concen: 18.943 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.3	114.5
121	32.9	24.7	37.1





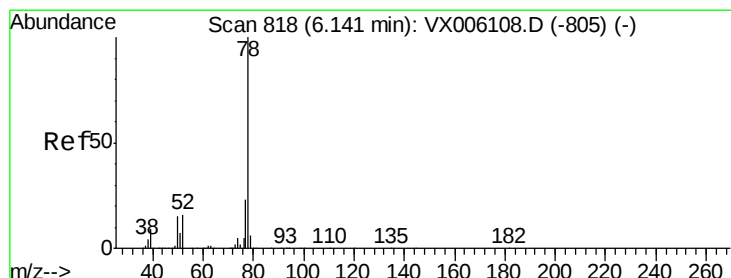
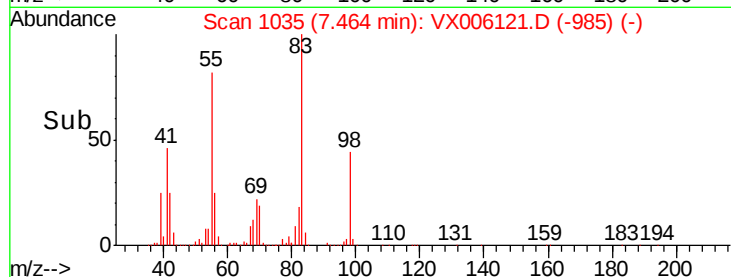
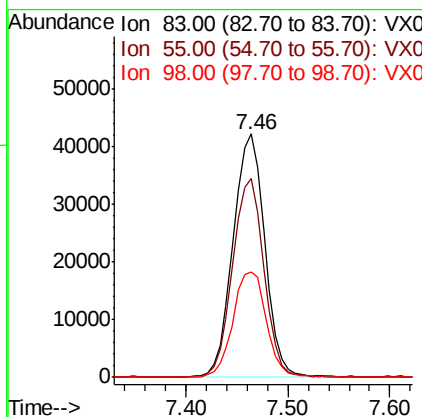
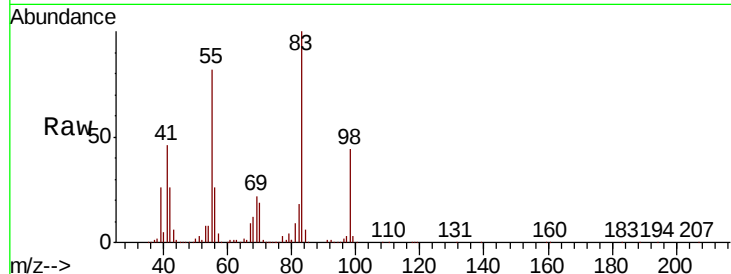
#39
Methvlcvclohexane
Concen: 18.801 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	91195		
55	81.6	63.9	95.9	
98	43.5	36.8	55.2	

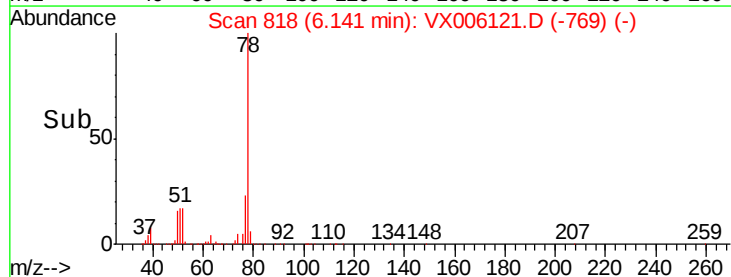
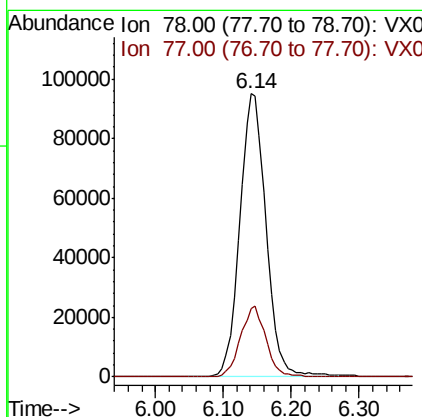
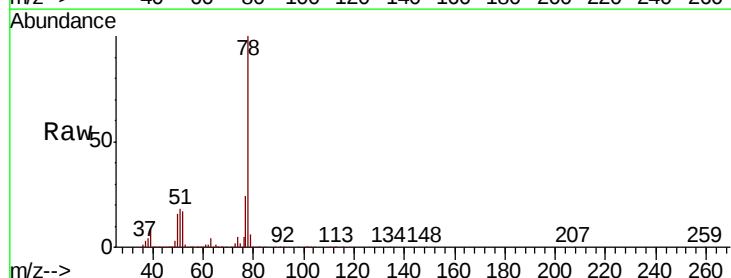
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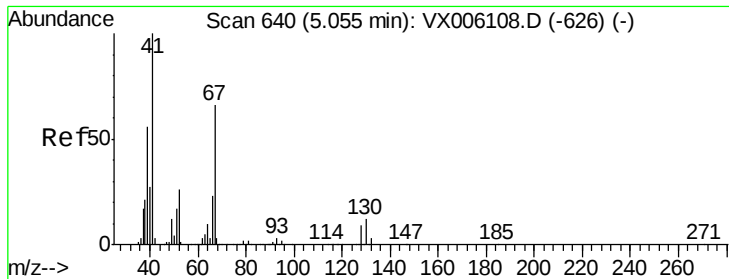
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#40
Benzene
Concen: 20.294 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	254559		
77	24.0	18.8	28.2	





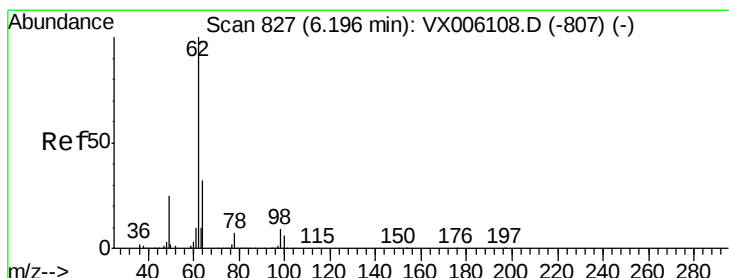
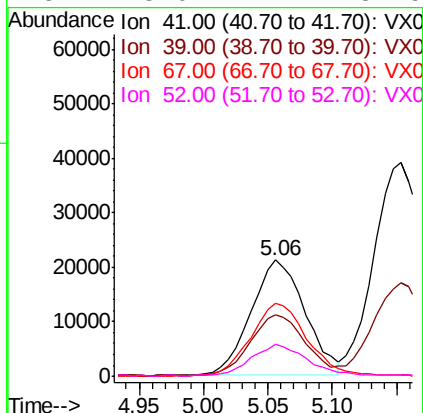
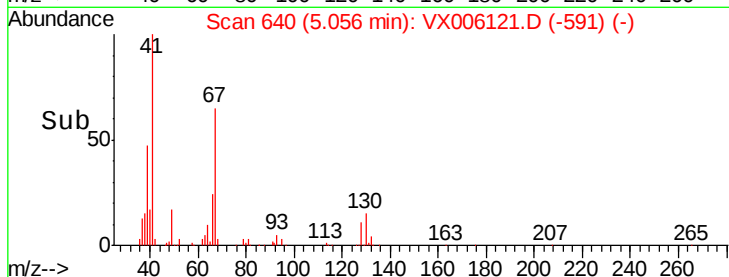
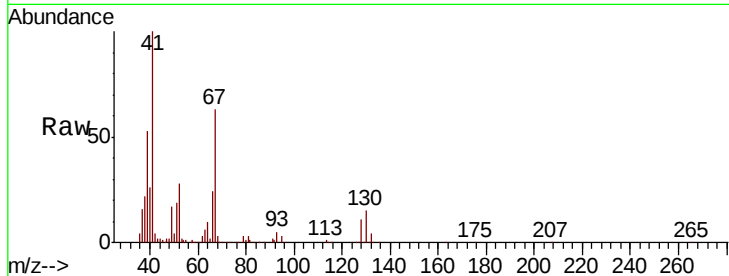
#41
Methacrylonitrile
Concen: 20.349 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	44.1	66.1	
67	66.8	54.1	81.1	
52	28.0	21.7	32.5	

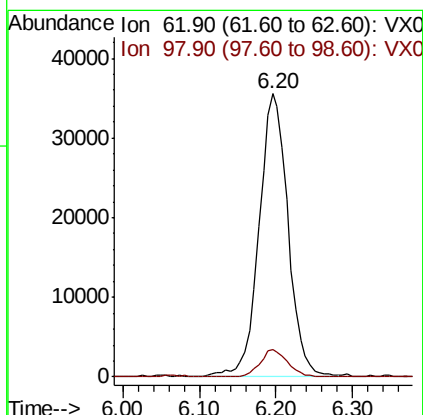
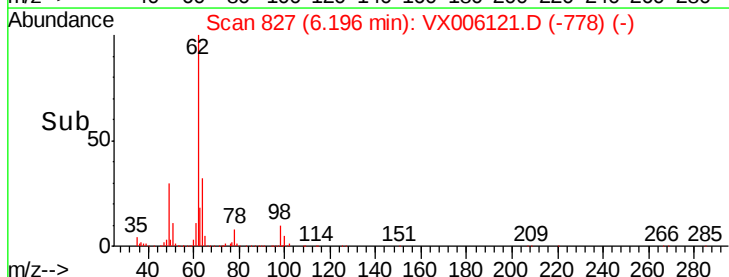
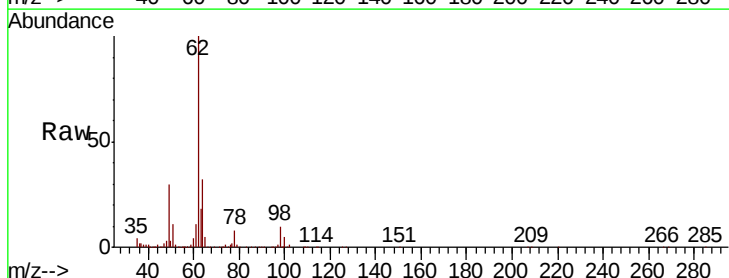
Manual Integrations
APPROVED

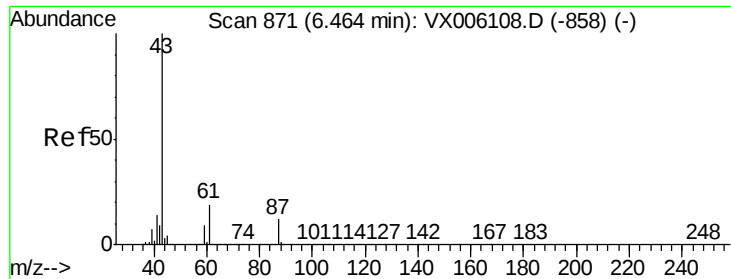
MMDadoda
11/26/2018 10:52:20 AM



#42
1,2-Dichloroethane
Concen: 19.858 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	17.8	





#43

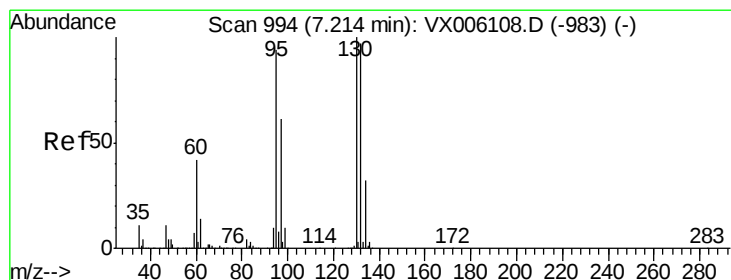
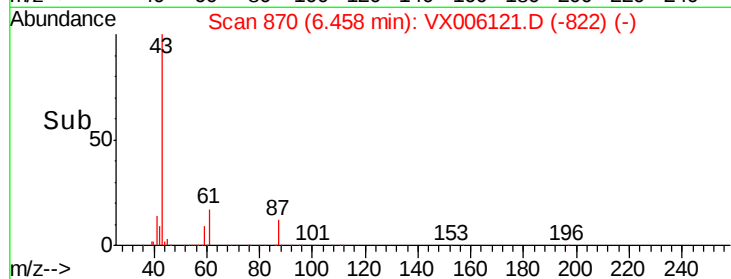
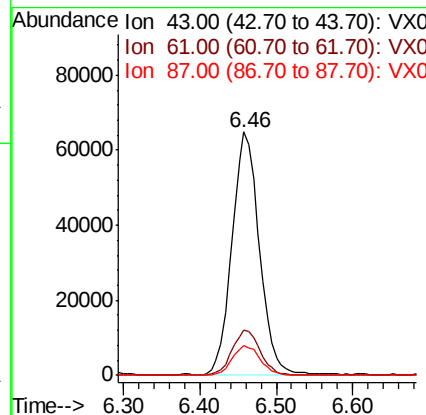
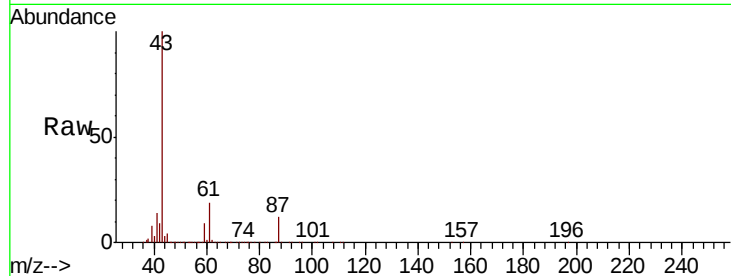
Isopropyl Acetate
 Concen: 20.301 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.6	9.6	14.4

Manual Integrations
 APPROVED

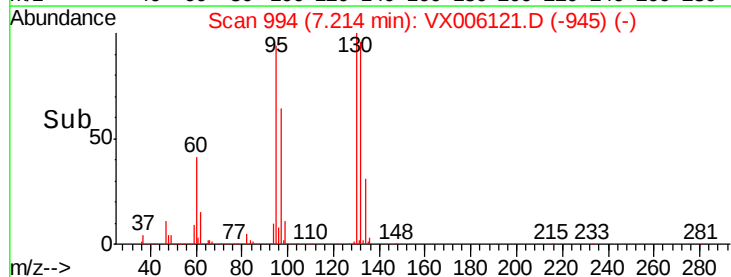
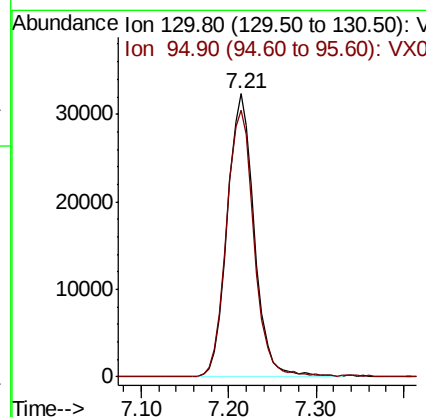
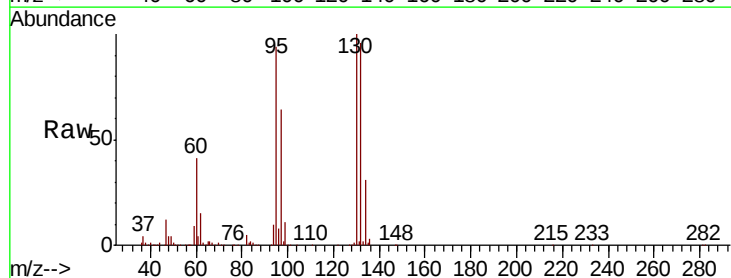
MMDadoda
 11/26/2018 10:52:20 AM

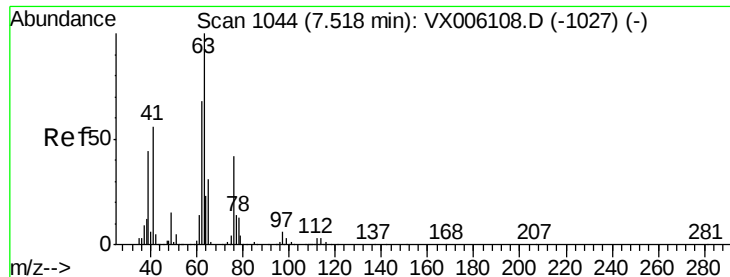


#44

Trichloroethene
 Concen: 19.860 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	188.8





#45

1,2-Dichloropropane

Concen: 21.071 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 63 Resp: 69948

Ion Ratio Lower Upper

63 100

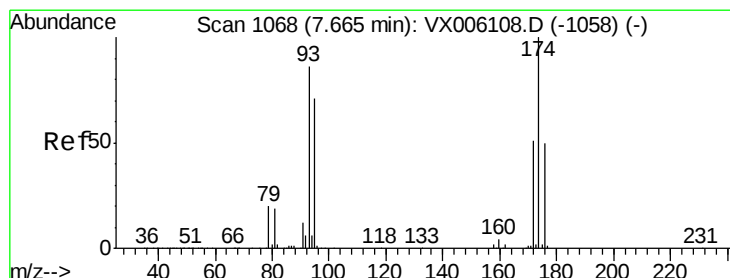
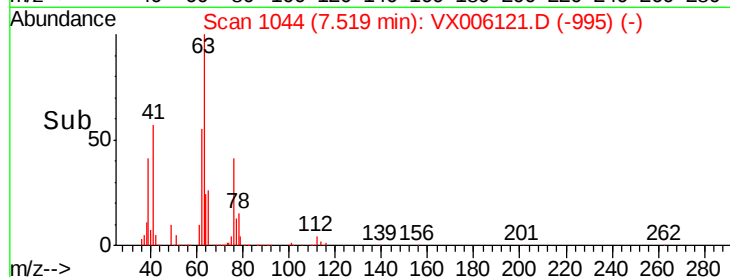
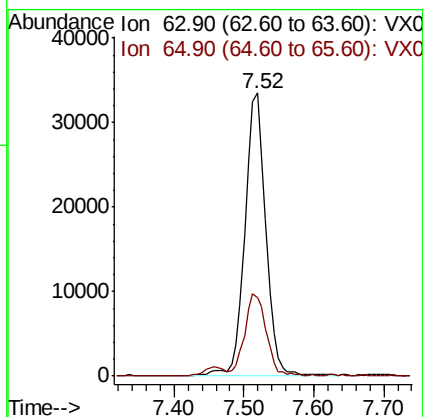
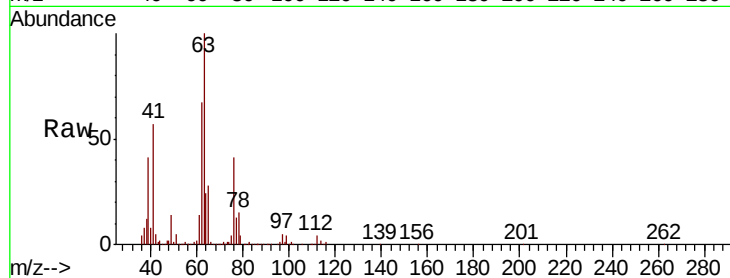
65 27.4 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 19.351 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

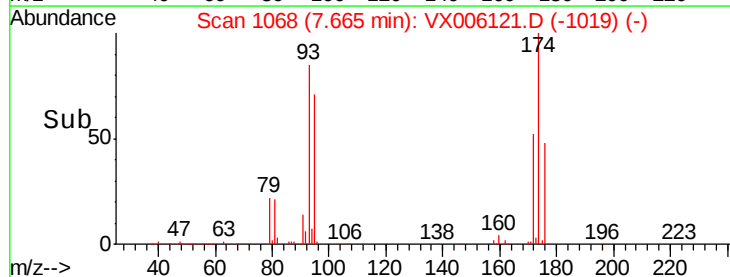
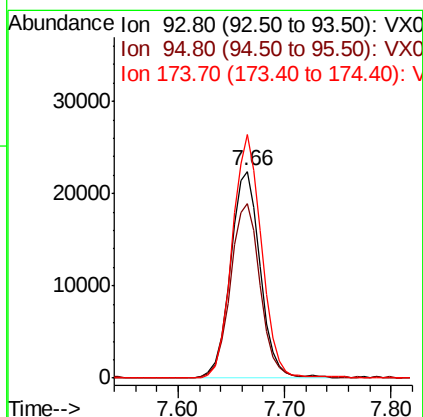
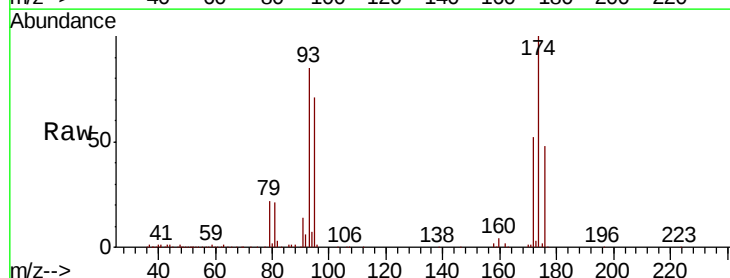
Tgt Ion: 93 Resp: 43994

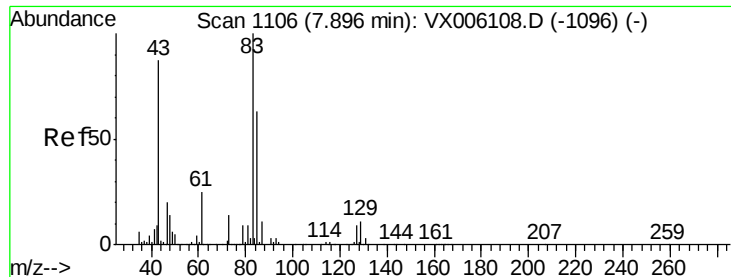
Ion Ratio Lower Upper

93 100

95 85.2 66.3 99.5

174 115.6 91.0 136.6





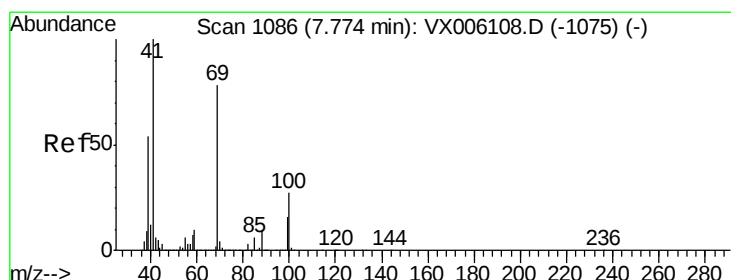
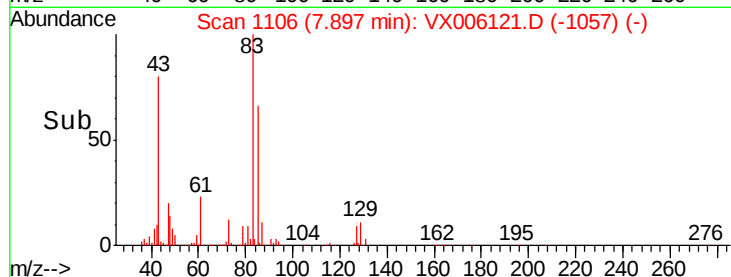
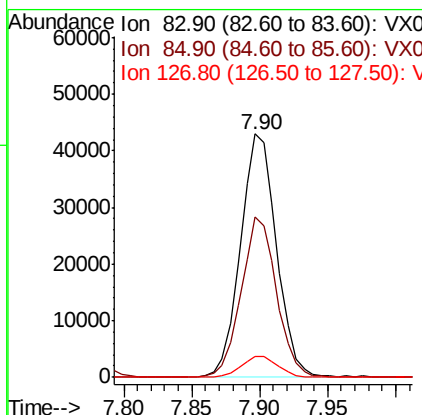
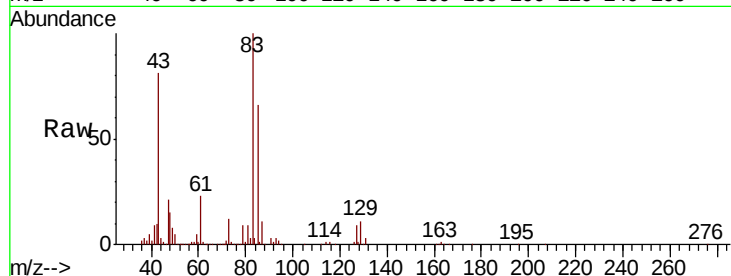
#47
 Bromodichloromethane
 Concen: 18.788 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	83	Resp	78998
Ion Ratio	Lower	Upper	
83	100		
85	65.6	50.4	75.6
127	8.7	7.0	10.4

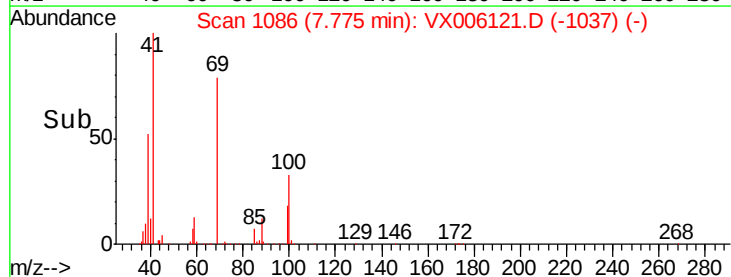
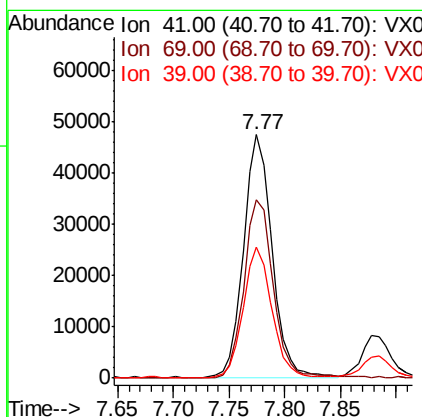
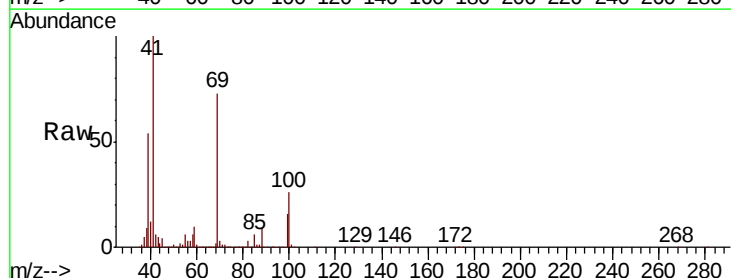
Manual Integrations
 APPROVED

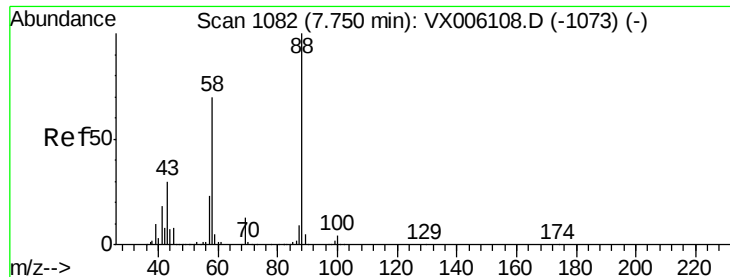
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 11/26/2018 10:52:20 AM



#48
 Methyl methacrylate
 Concen: 20.976 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	41	Resp	84157
Ion Ratio	Lower	Upper	
41	100		
69	76.2	62.8	94.2
39	53.7	43.8	65.6





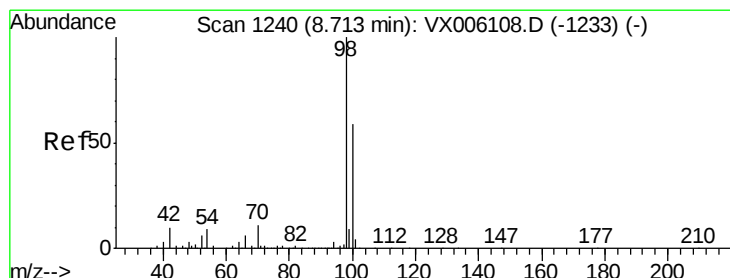
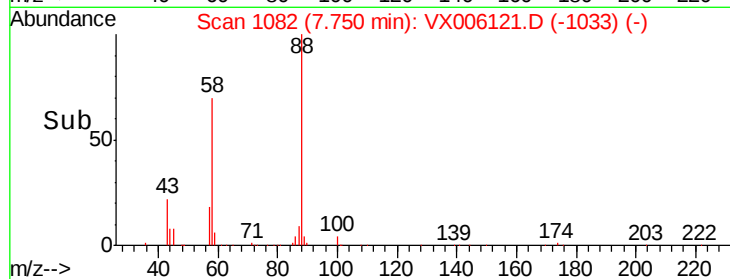
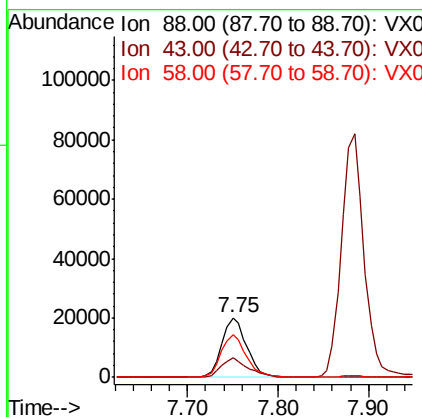
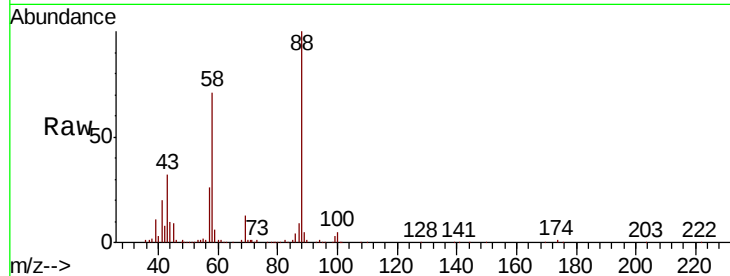
#49
1,4-Dioxane
Concen: 405.616 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.7	40.1
58	73.0	58.5	87.7

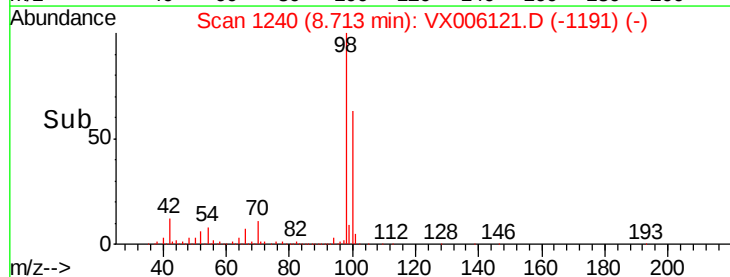
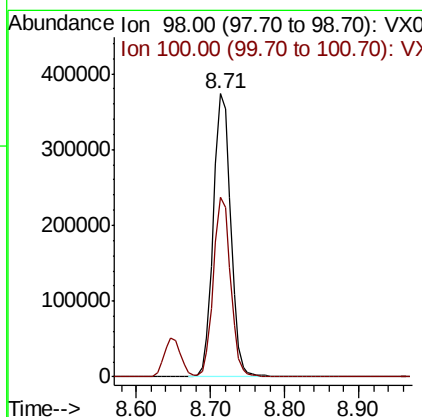
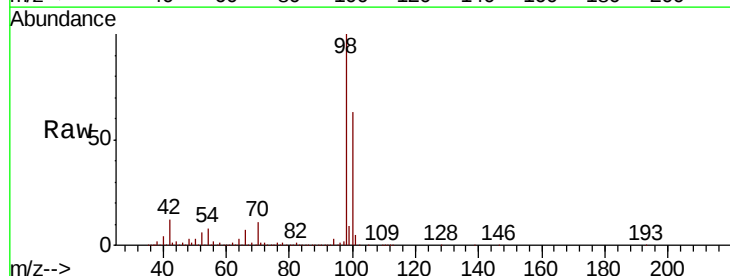
Manual Integrations
APPROVED

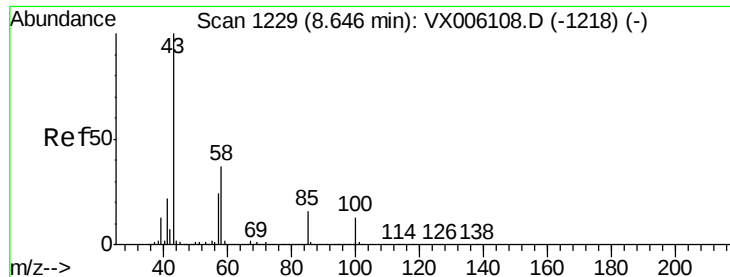
MMDadoda
11/26/2018 10:52:20 AM



#50
Toluene-d8
Concen: 52.224 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 105.381 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 43 Resp: 597634

Ion Ratio Lower Upper

43 100

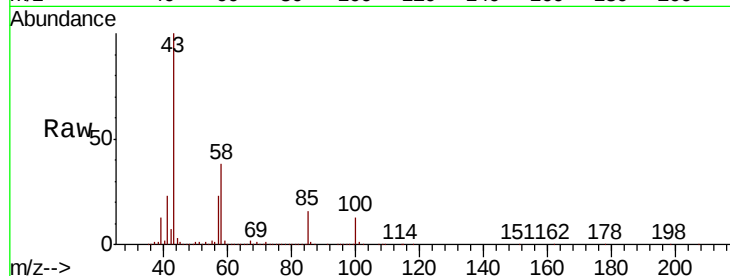
58 36.9 29.9 44.9

Manual Integrations

APPROVED

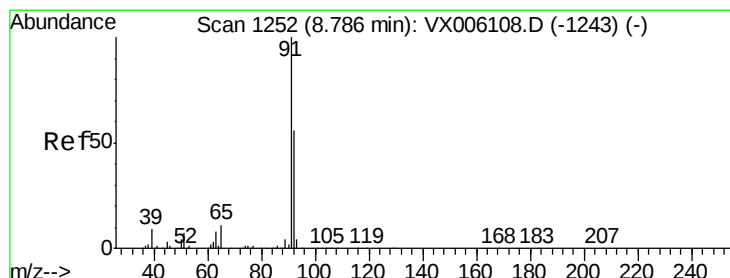
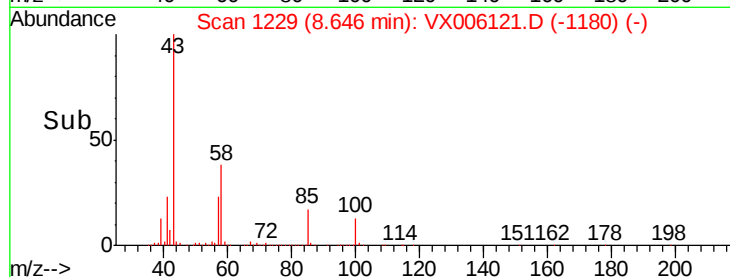
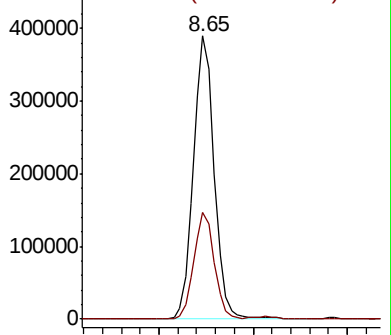
MMDadoda

11/26/2018 10:52:20 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.514 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006121.D

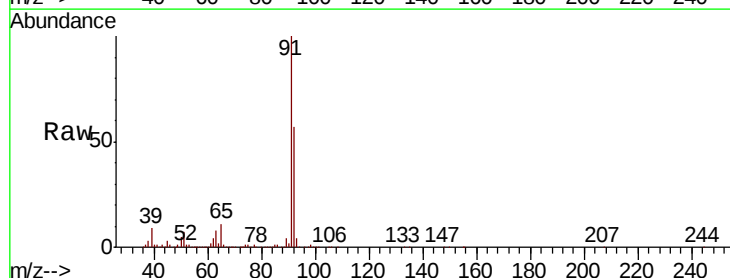
Acq: 21 Nov 2018 13:53

Tgt Ion: 92 Resp: 159158

Ion Ratio Lower Upper

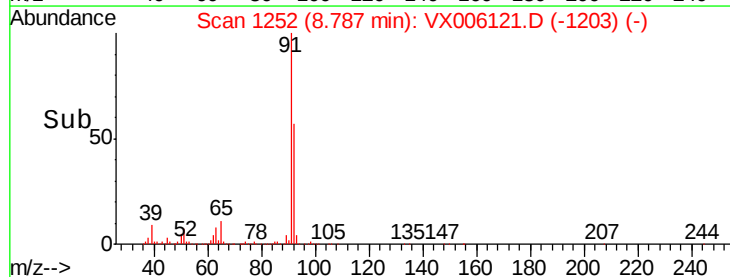
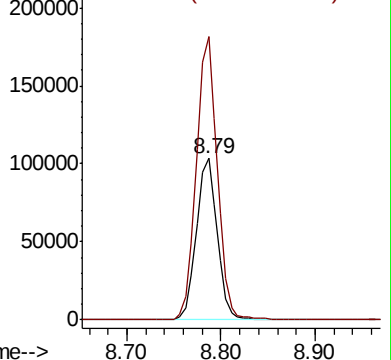
92 100

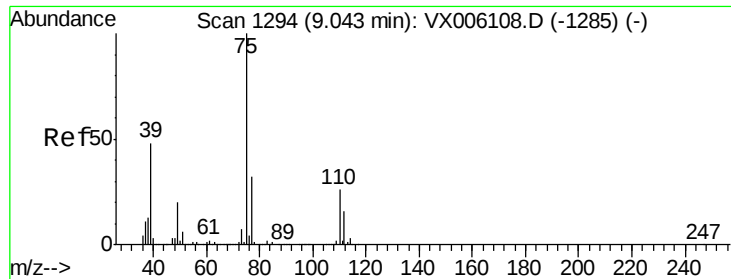
91 176.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.373 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 75 Resp: 85004

Ion Ratio Lower Upper

75 100

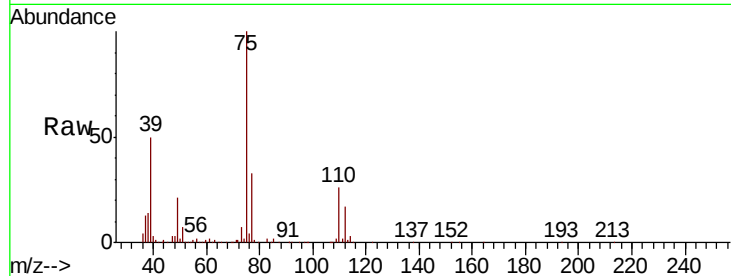
77 33.0 25.7 38.5

Manual Integrations

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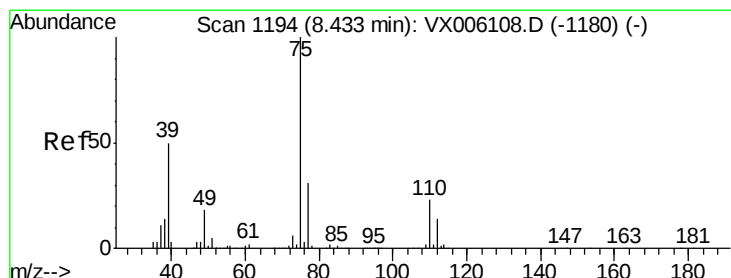
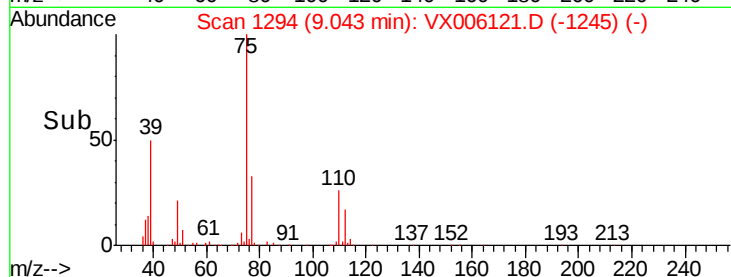
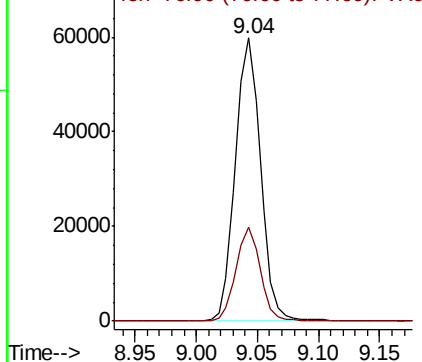
MMDadoda

11/26/2018 10:52:20 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.709 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

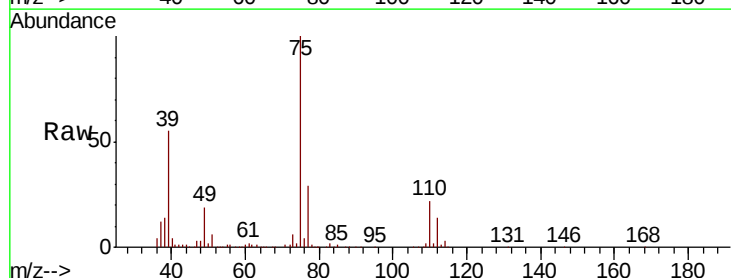
Tgt Ion: 75 Resp: 95598

Ion Ratio Lower Upper

75 100

77 28.8 24.7 37.1

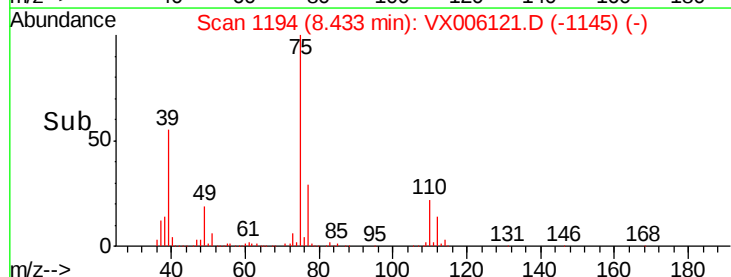
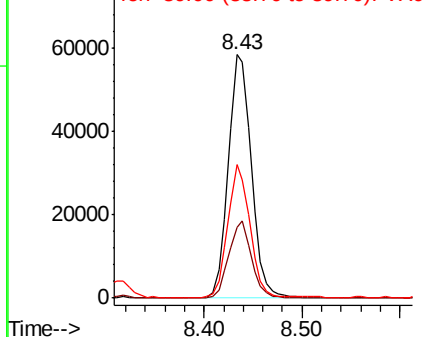
39 54.6 40.3 60.5

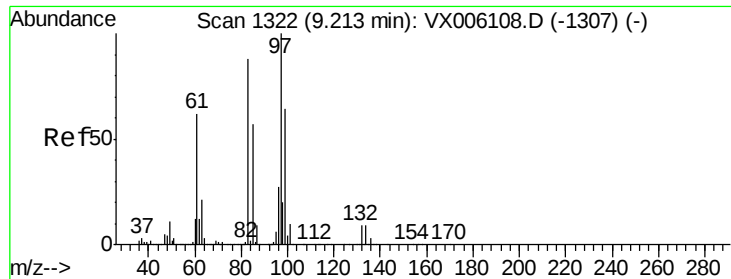


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





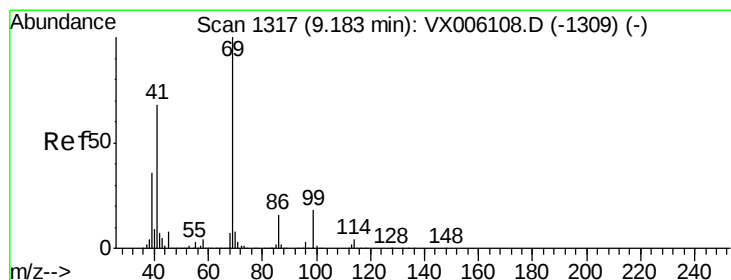
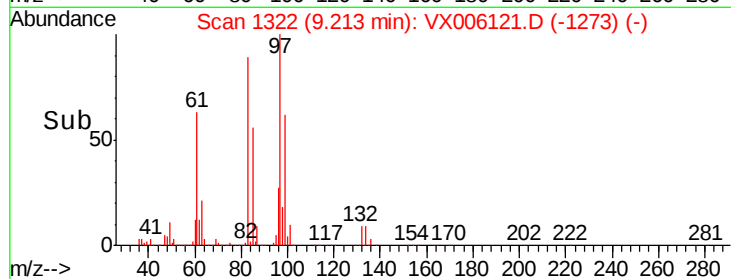
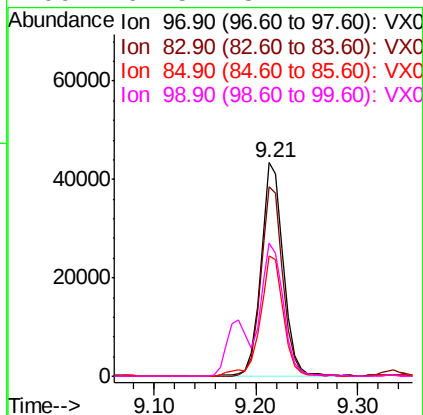
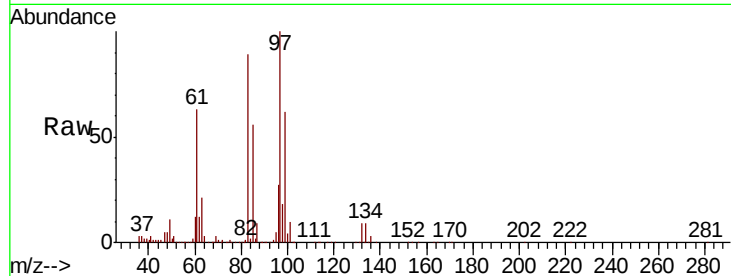
#55
 1,1,2-Trichloroethane
 Concen: 19.794 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.7	106.1
85	56.3	45.7	68.5
99	62.5	51.4	77.2

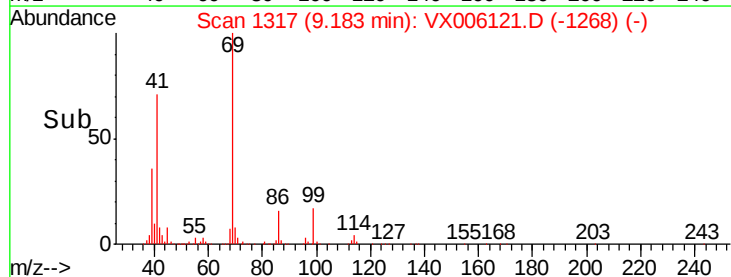
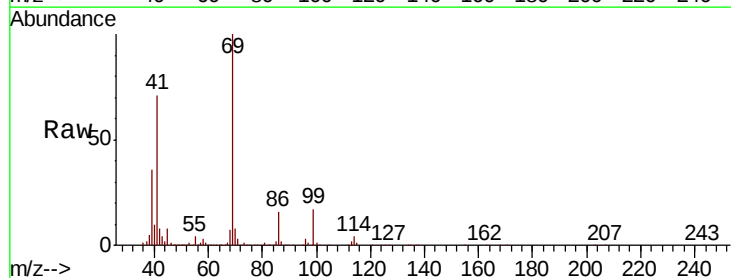
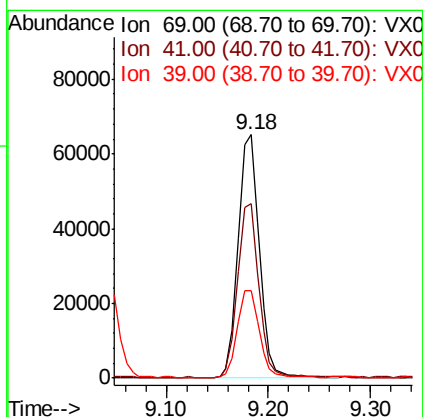
Manual Integrations
 APPROVED

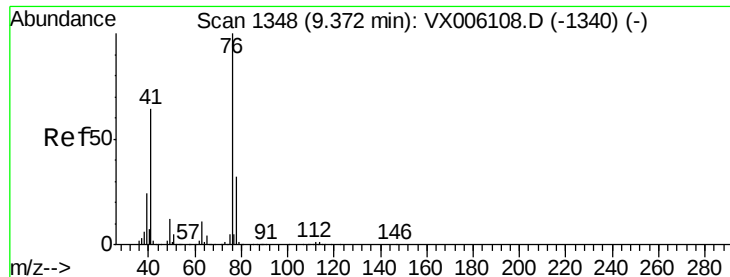
MMDadoda
 11/26/2018 10:52:20 AM



#56
 Ethyl methacrylate
 Concen: 19.619 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.2	84.4
39	37.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 20.226 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 76 Resp: 112022

Ion Ratio Lower Upper

76 100

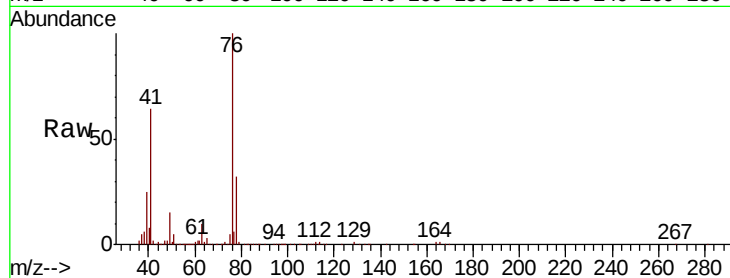
78 32.2 25.7 38.5

Manual Integrations

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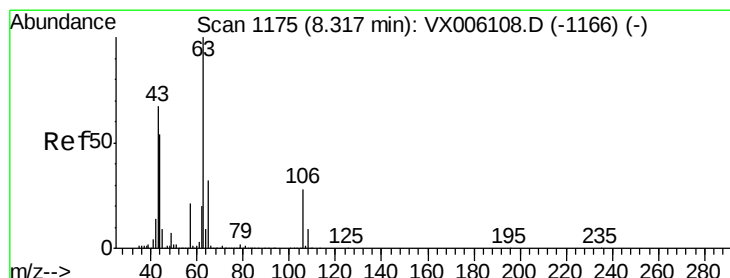
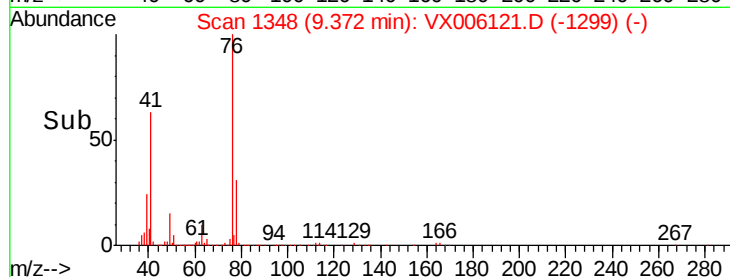
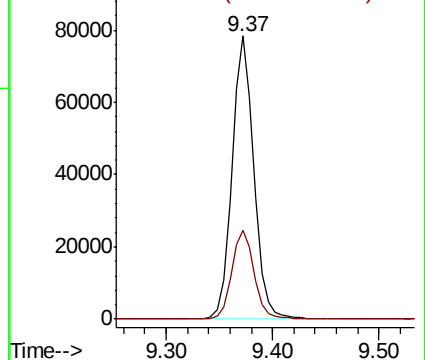
MMDadoda

11/26/2018 10:52:20 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.592 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006121.D

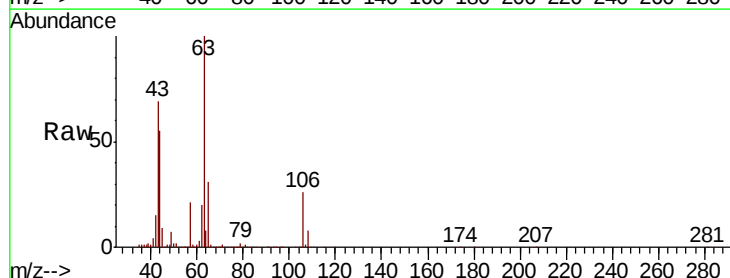
Acq: 21 Nov 2018 13:53

Tgt Ion: 63 Resp: 293705

Ion Ratio Lower Upper

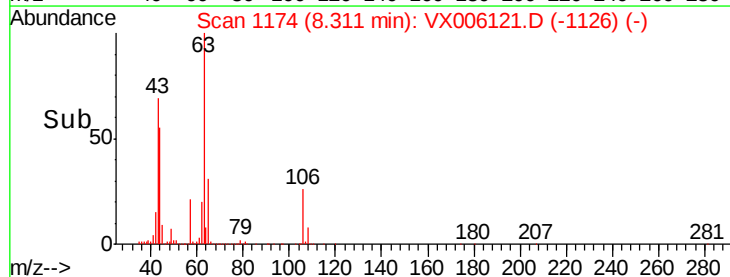
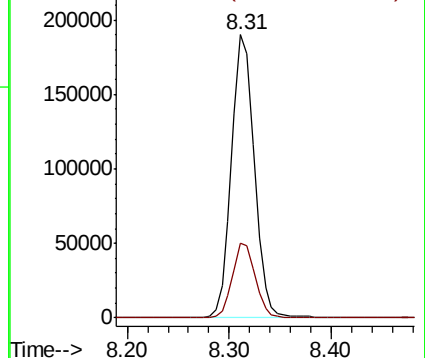
63 100

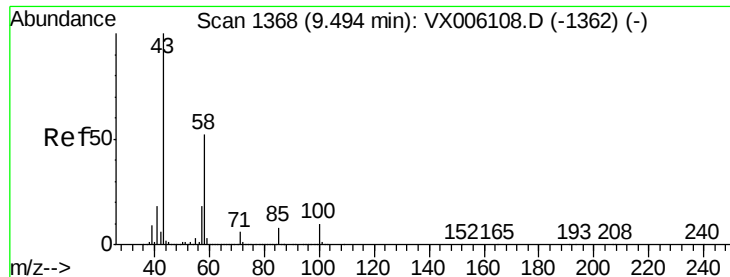
106 26.5 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





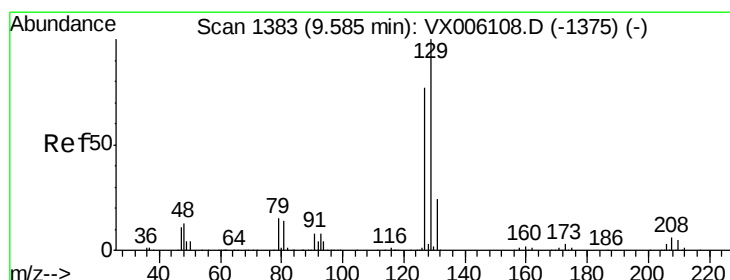
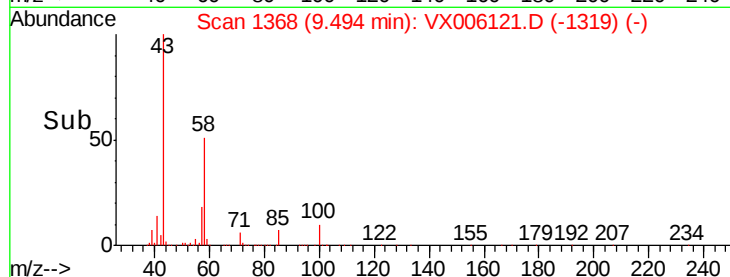
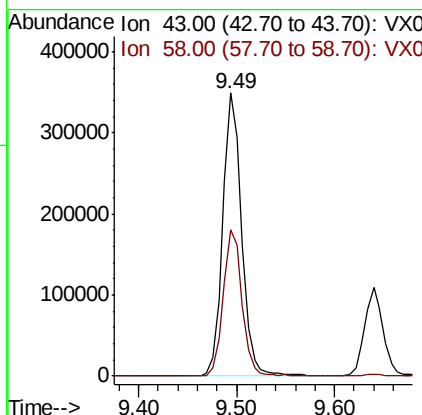
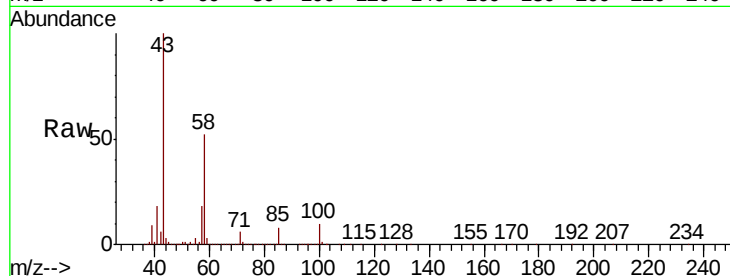
#59
2-Hexanone
Concen: 103.737 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	26.3	78.9

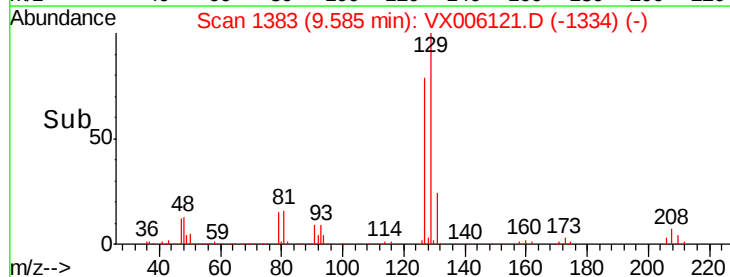
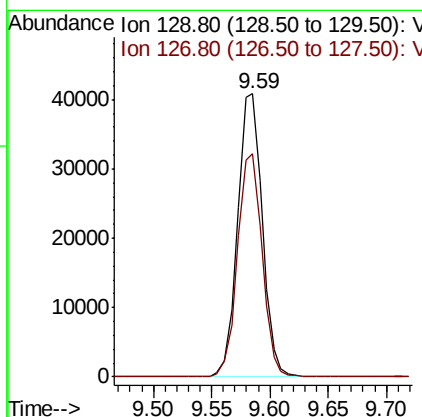
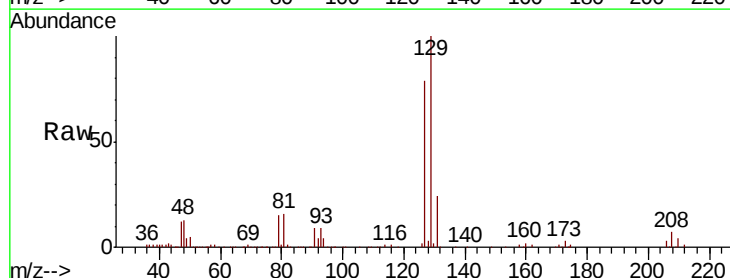
Manual Integrations
APPROVED

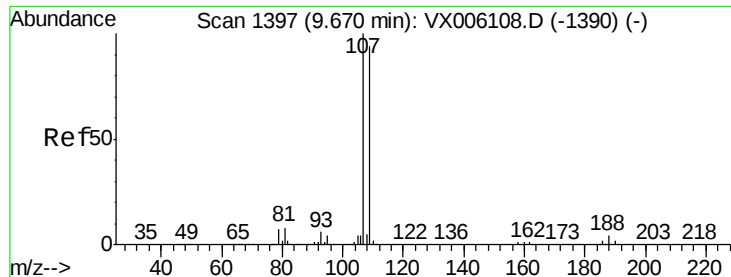
MMDadoda
11/26/2018 10:52:20 AM



#60
Dibromochloromethane
Concen: 18.389 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.5





#61

1,2-Dibromoethane

Concen: 20.359 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:107 Resp: 70476

Ion Ratio Lower Upper

107 100

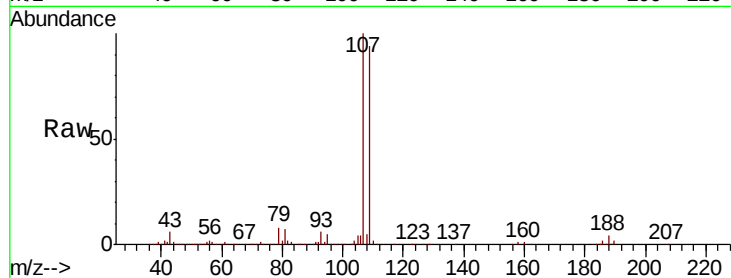
109 93.7 75.7 113.5

Manual Integrations

APPROVED

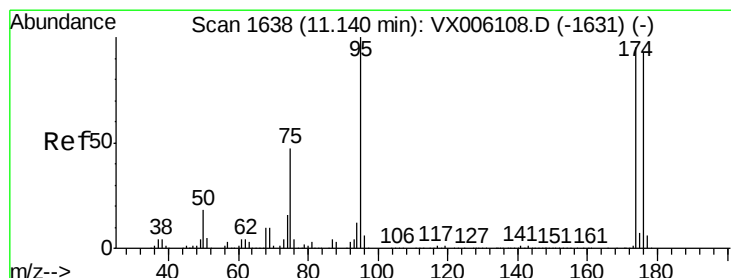
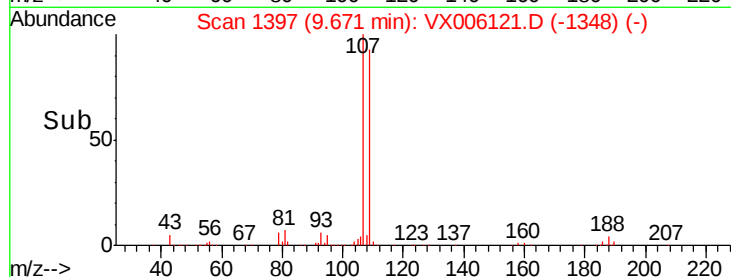
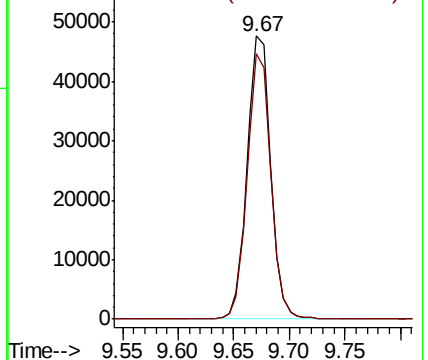
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.753 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

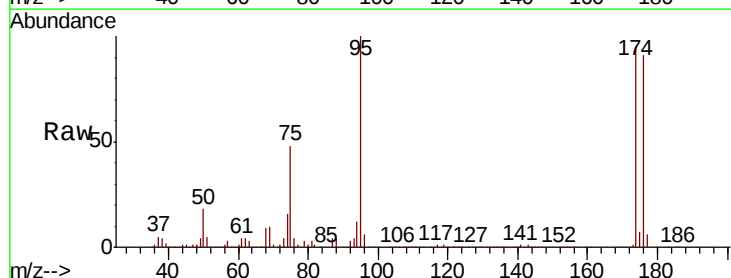
Tgt Ion: 95 Resp: 218199

Ion Ratio Lower Upper

95 100

174 90.1 0.0 184.4

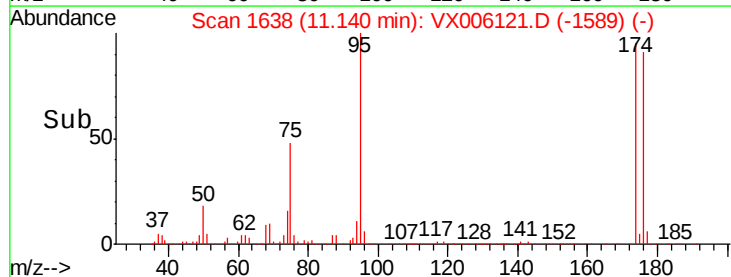
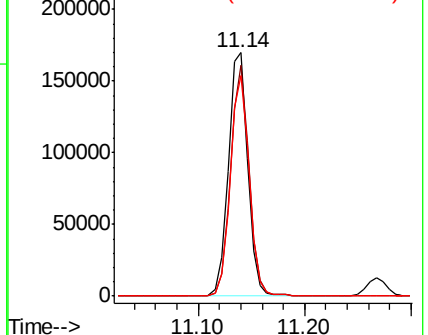
176 87.9 0.0 179.0

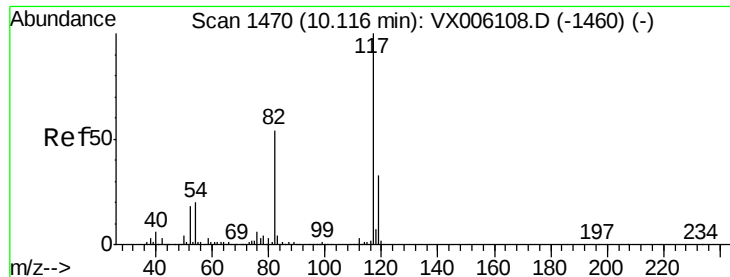


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





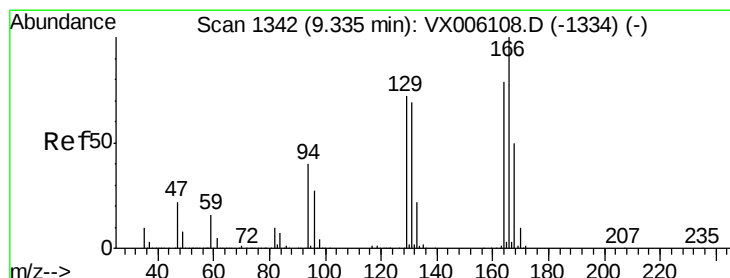
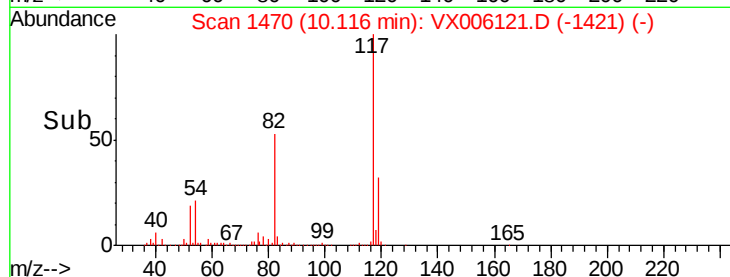
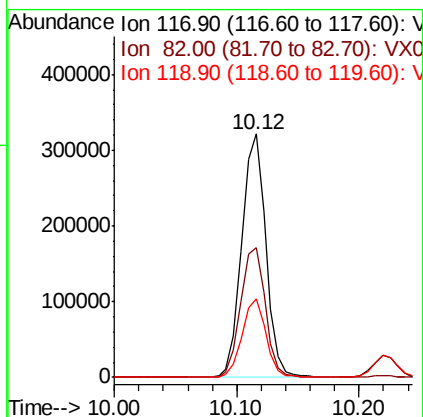
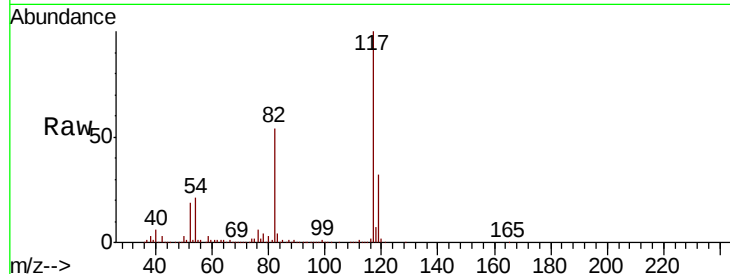
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	438514		
82	53.5	43.0	64.4	
119	32.3	26.1	39.1	

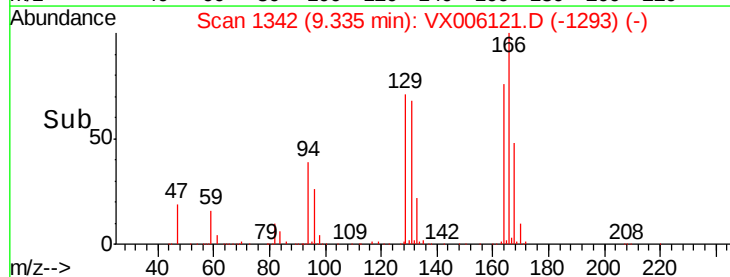
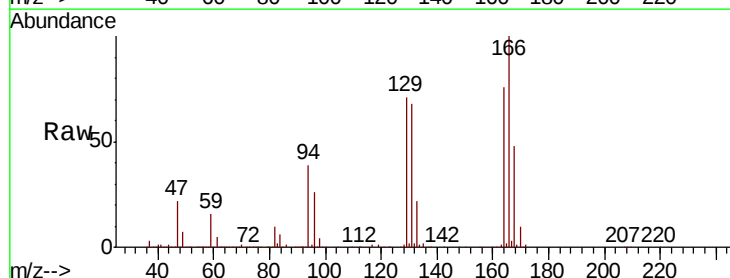
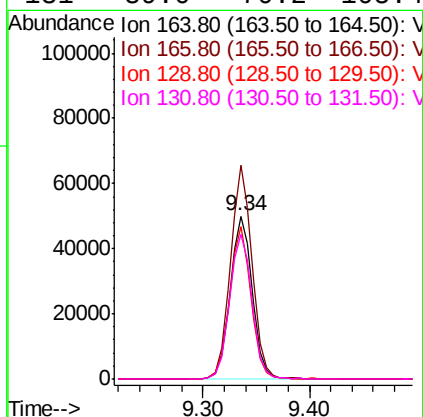
Manual Integrations
APPROVED

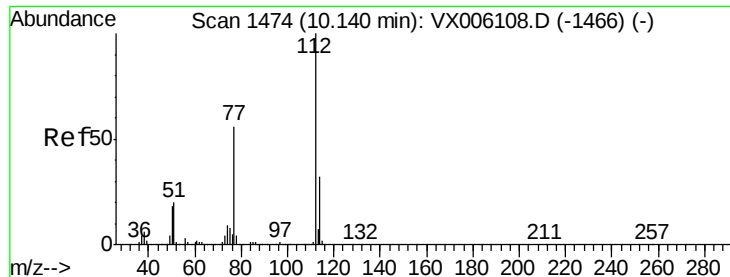
MMDadoda
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#64
Tetrachloroethene
Concen: 20.105 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72553		
166	131.0	101.5	152.3	
129	93.1	73.4	110.0	
131	89.0	70.2	105.4	





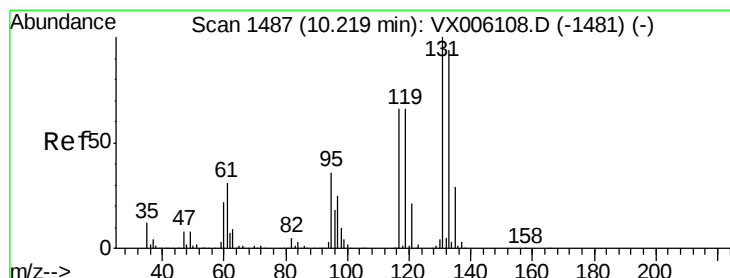
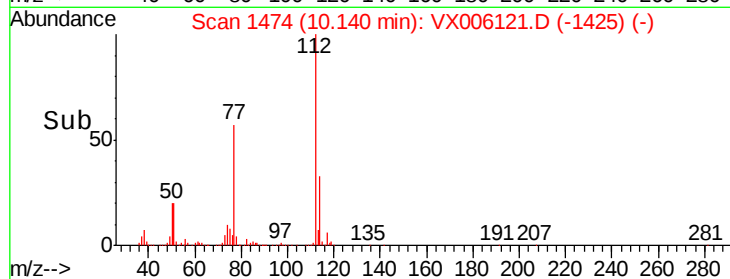
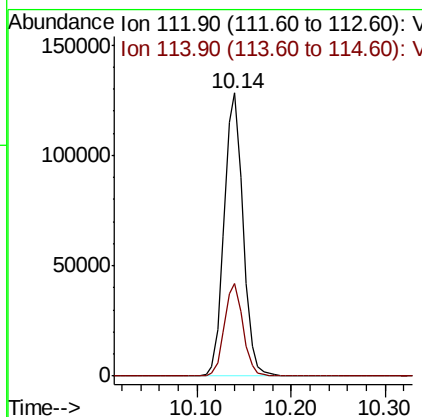
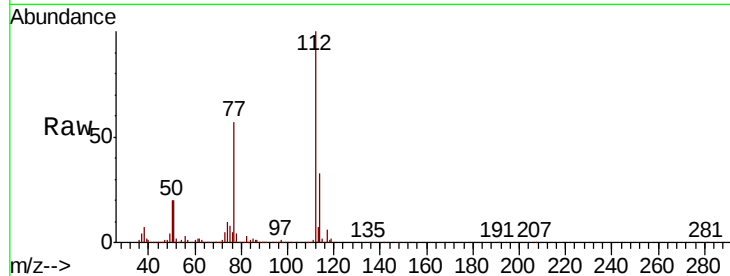
#65
Chlorobenzene
Concen: 19.915 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4

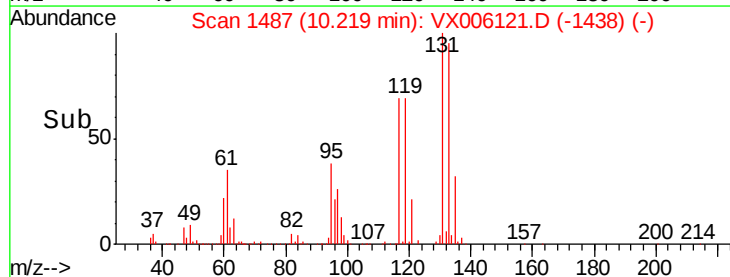
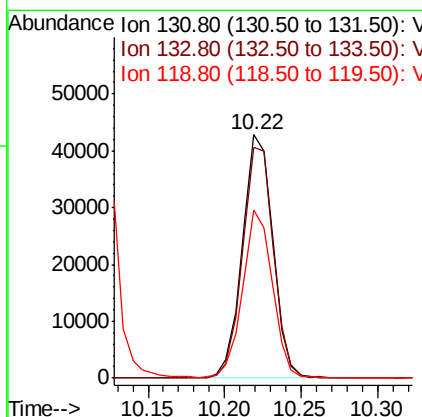
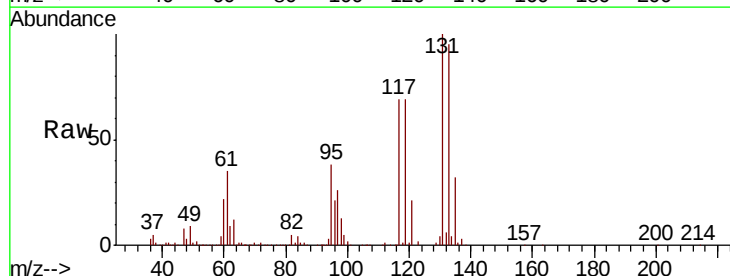
Manual Integrations
APPROVED

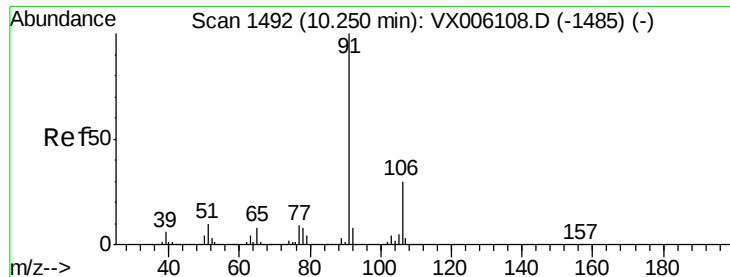
MMDadoda
11/26/2018 10:52:20 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.261 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.0	144.2
119	67.3	32.6	97.8





#67

Ethyl Benzene

Concen: 20.483 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 91 Resp: 301665

Ion Ratio Lower Upper

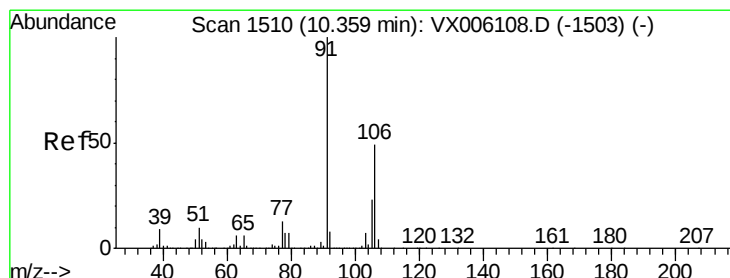
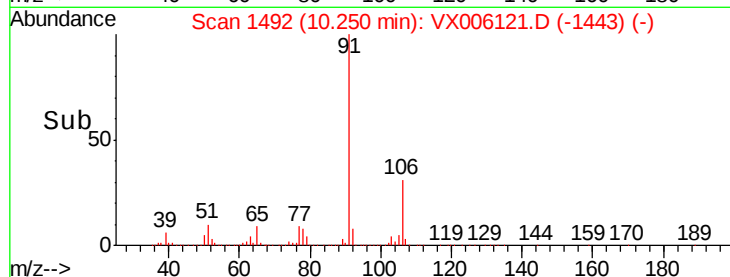
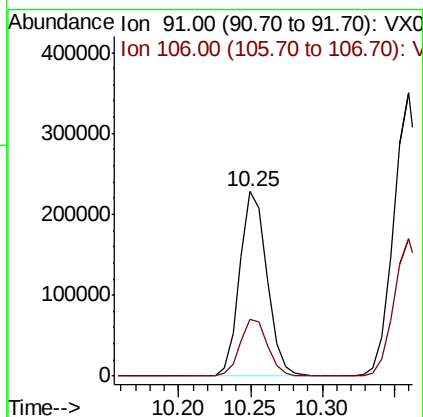
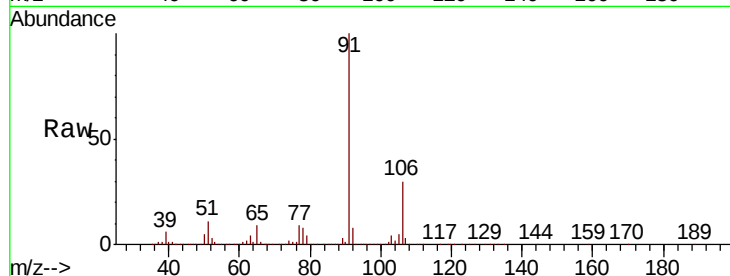
91 100

106 30.5 24.4 36.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 40.874 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006121.D

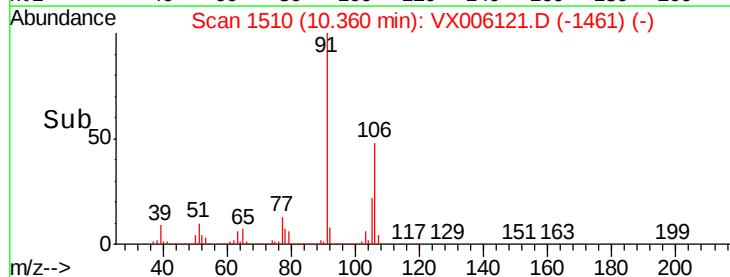
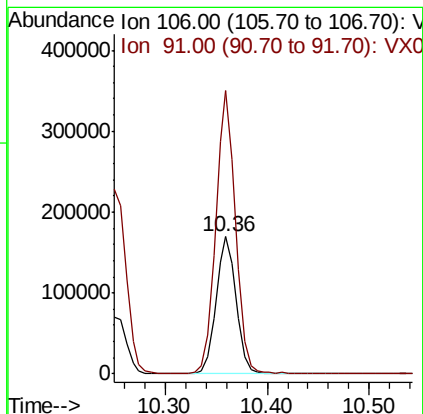
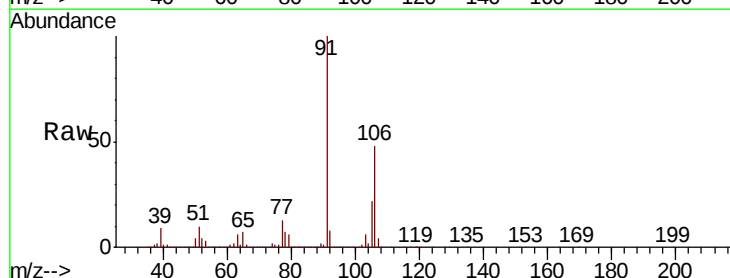
Acq: 21 Nov 2018 13:53

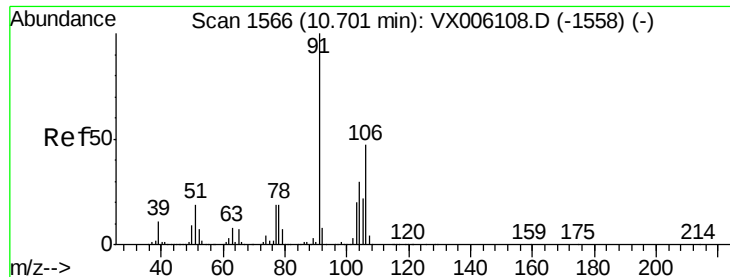
Tgt Ion: 106 Resp: 234412

Ion Ratio Lower Upper

106 100

91 203.2 162.0 243.0





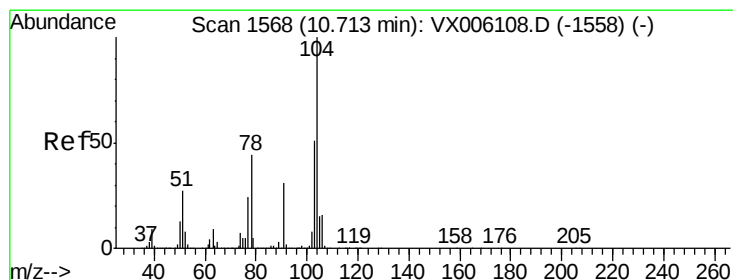
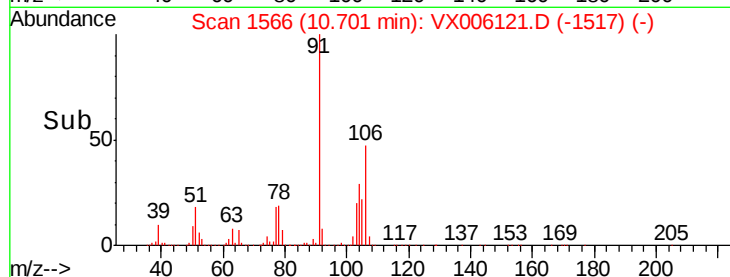
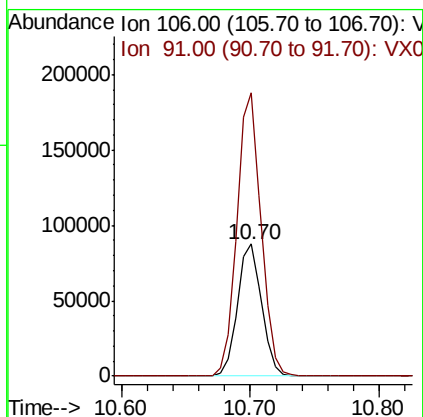
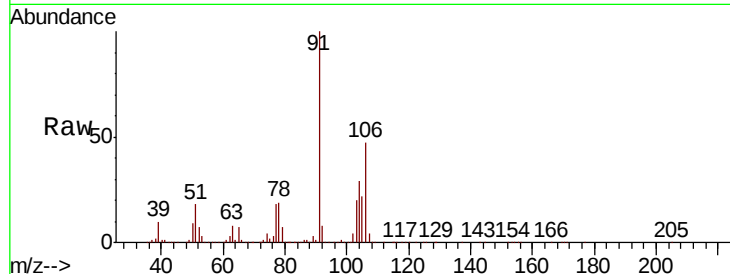
#69
o-Xylene
Concen: 20.769 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.9	107.4	322.2	

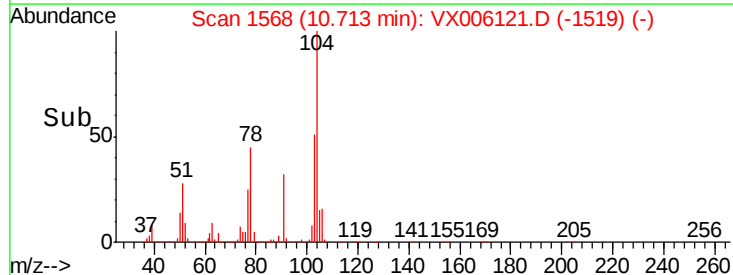
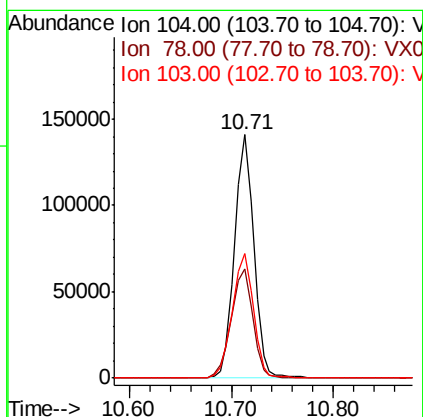
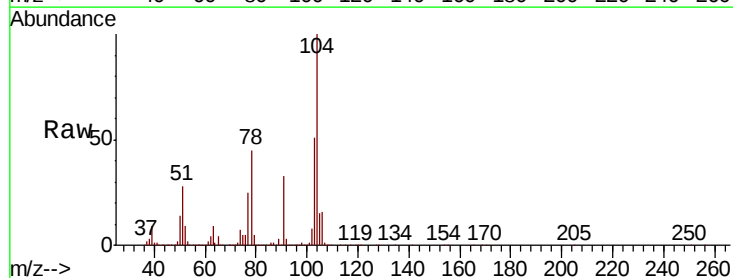
Manual Integrations
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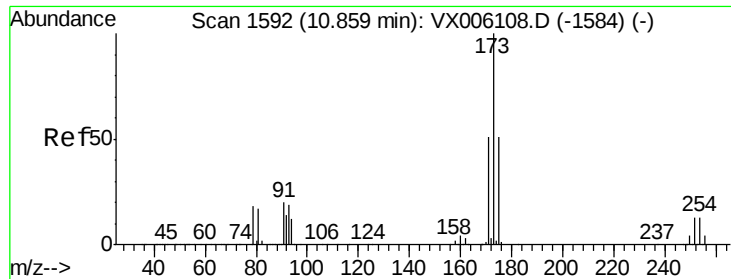
MMDadoda
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#70
Styrene
Concen: 20.691 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.3	39.4	59.2	
103	56.3	44.6	67.0	





#71

Bromoform

Concen: 17.745 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:173 Resp: 49052

Ion Ratio Lower Upper

173 100

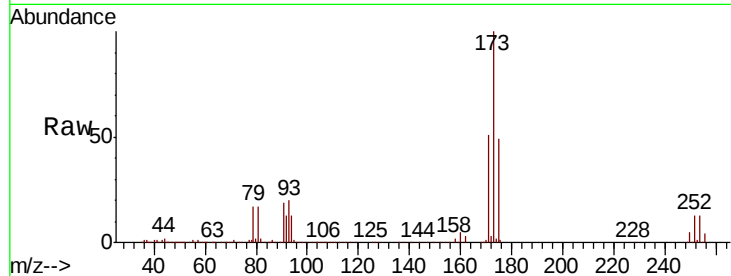
175 48.1 24.9 74.6

254 0.3 0.2 0.2#

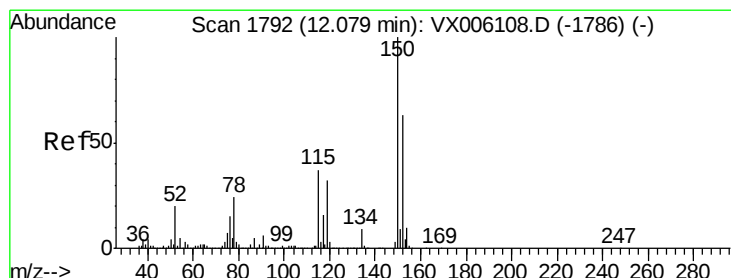
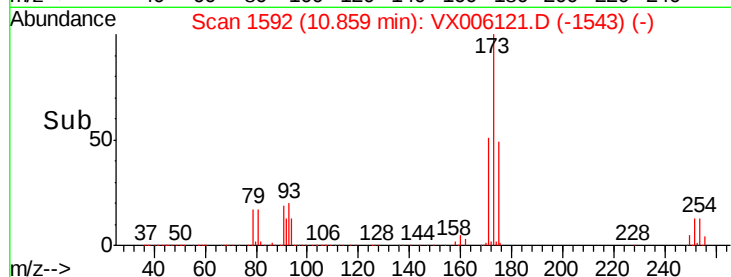
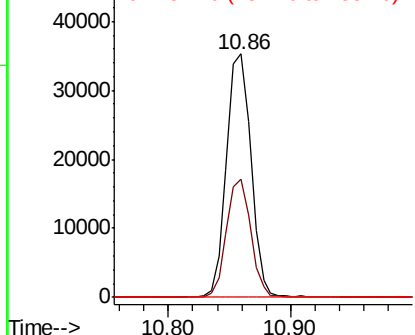
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

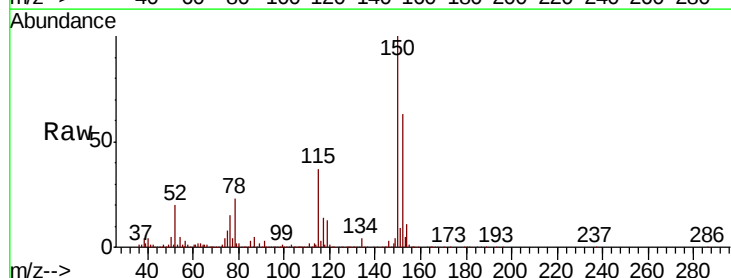
Tgt Ion:152 Resp: 234082

Ion Ratio Lower Upper

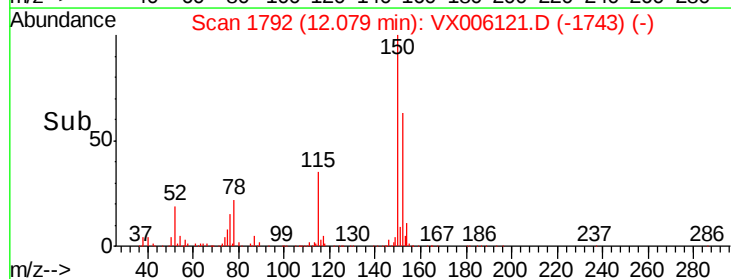
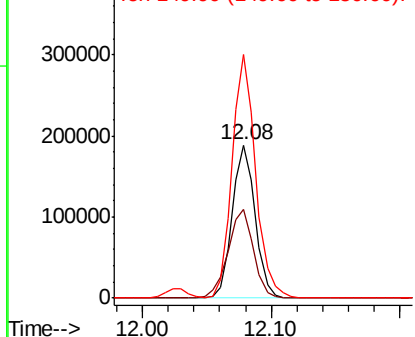
152 100

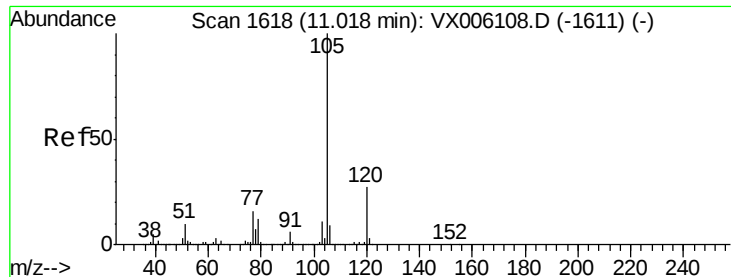
115 64.5 39.0 116.9

150 163.6 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.653 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:105 Resp: 306682

Ion Ratio Lower Upper

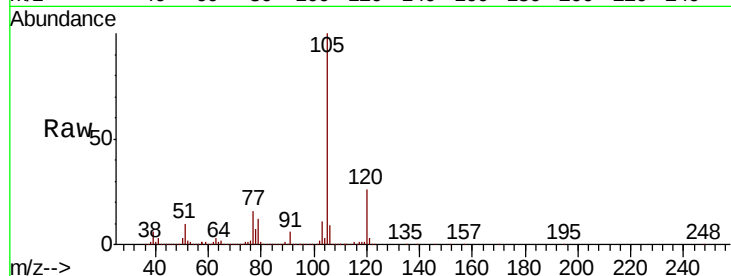
105 100

120 26.5 13.3 39.8

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

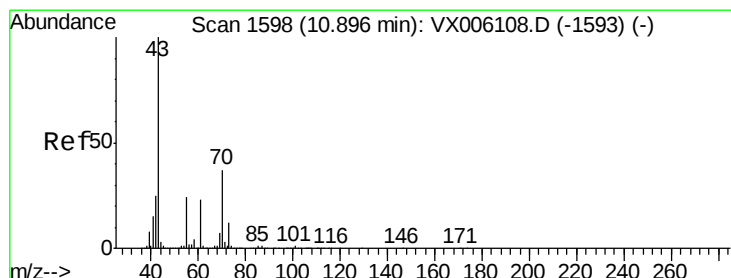
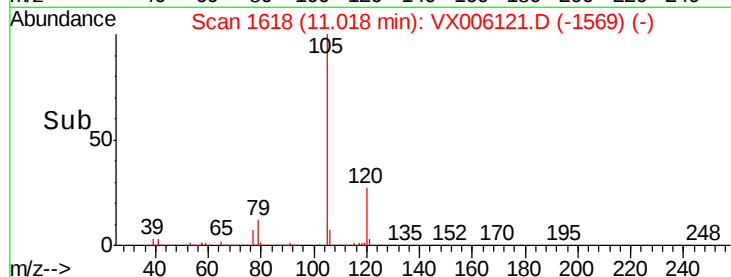
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.002 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Tgt Ion: 43 Resp: 134474

Ion Ratio Lower Upper

43 100

70 39.1 31.8 47.6

55 25.0 19.5 29.3

61 22.3 18.6 27.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

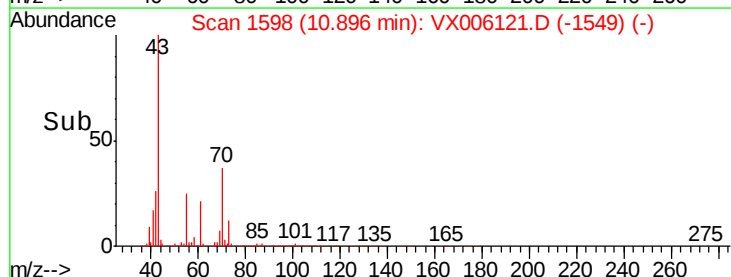
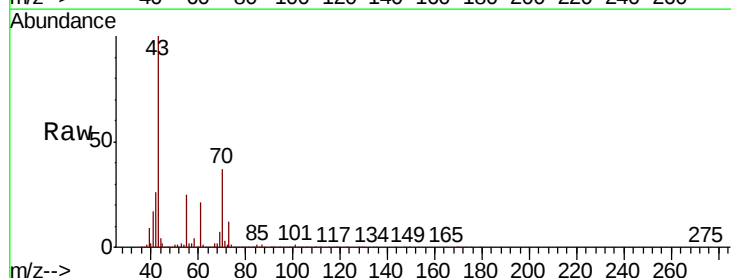
50000

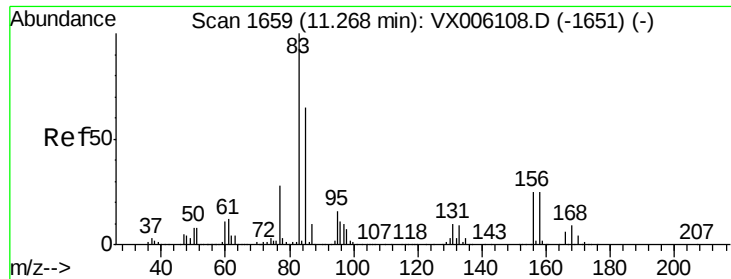
0

10.90

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.848 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 83 Resp: 105938

Ion Ratio Lower Upper

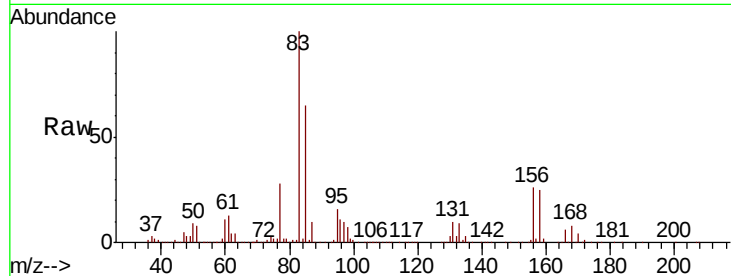
83 100

131 10.5 5.2 15.6

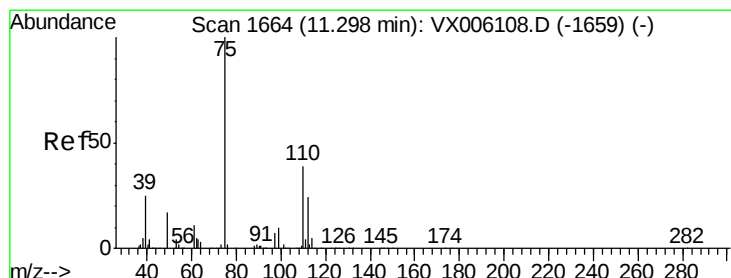
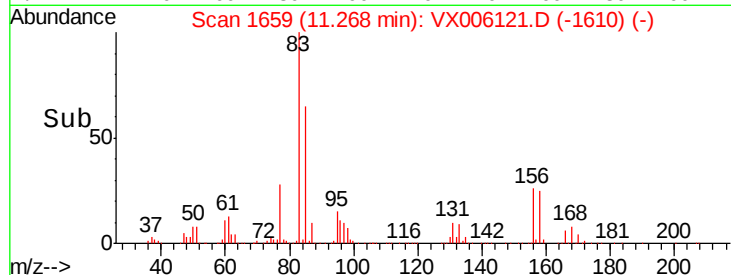
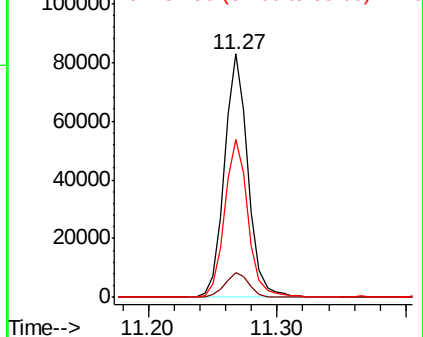
85 64.6 32.6 97.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.107 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006121.D

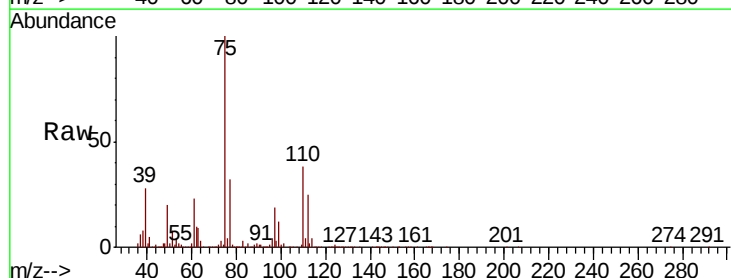
Acq: 21 Nov 2018 13:53

Tgt Ion: 75 Resp: 101721

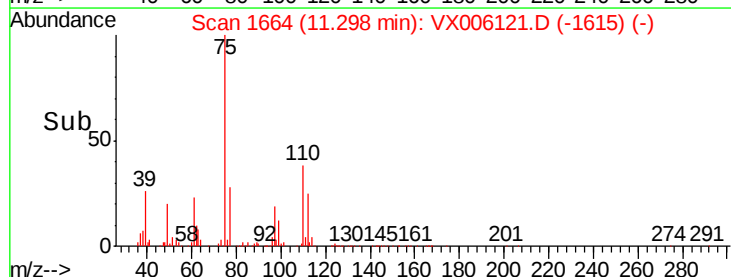
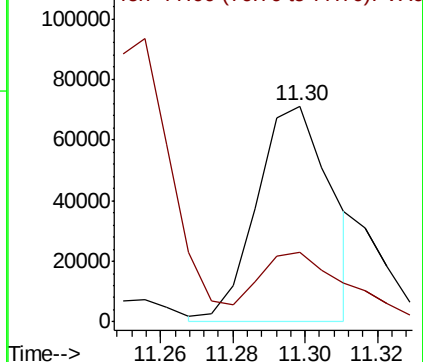
Ion Ratio Lower Upper

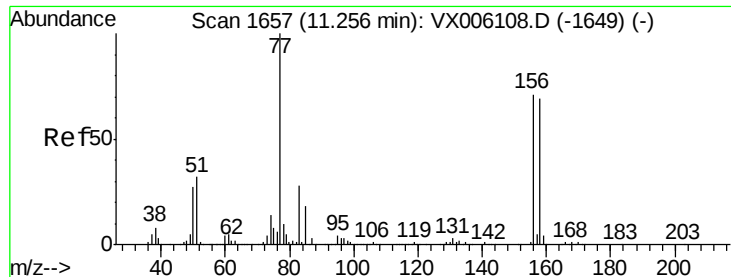
75 100

77 38.0 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.949 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:156 Resp: 83118

Ion Ratio Lower Upper

156 100

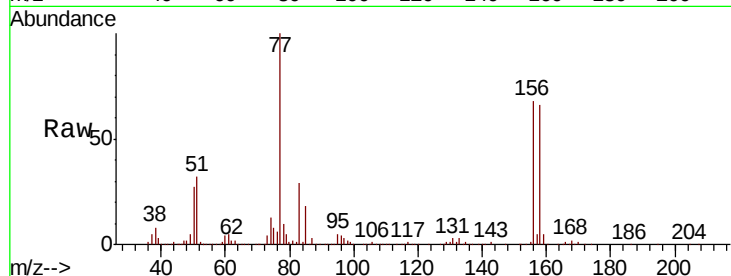
77 147.4 74.3 222.8

158 95.8 49.0 147.0

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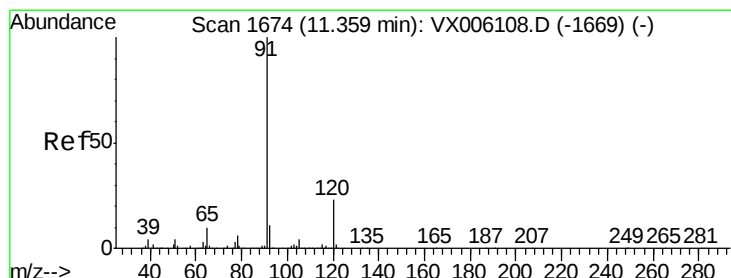
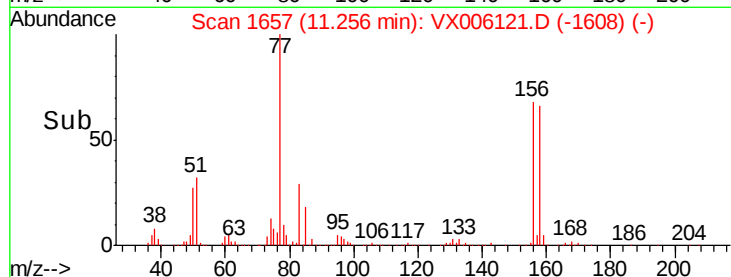
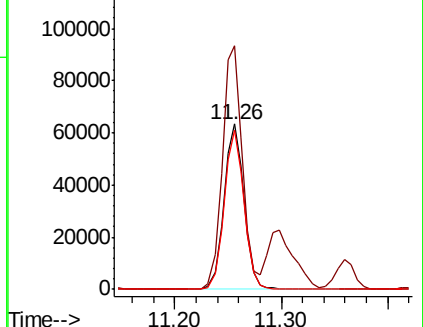
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.289 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006121.D

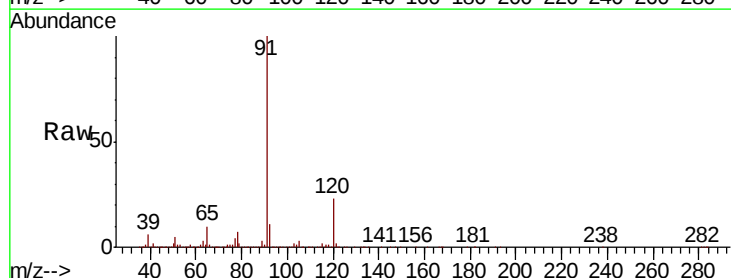
Acq: 21 Nov 2018 13:53

Tgt Ion: 91 Resp: 351142

Ion Ratio Lower Upper

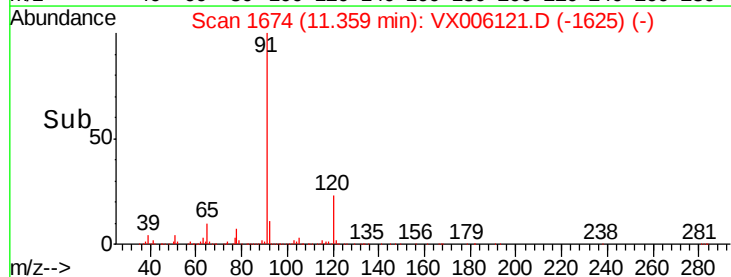
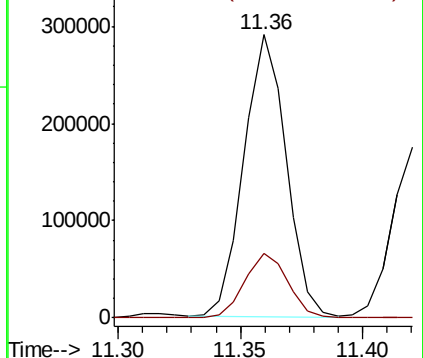
91 100

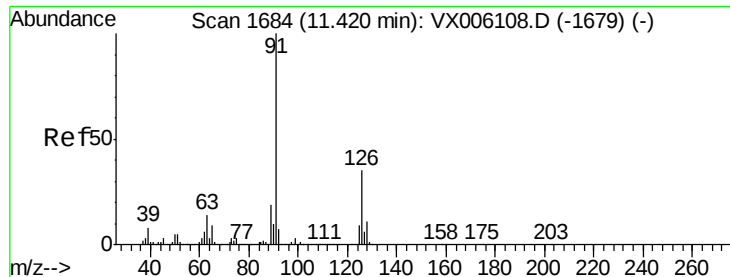
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.146 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion: 91 Resp: 211014

Ion Ratio Lower Upper

91 100

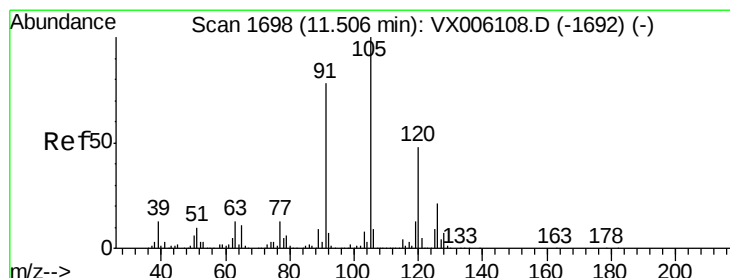
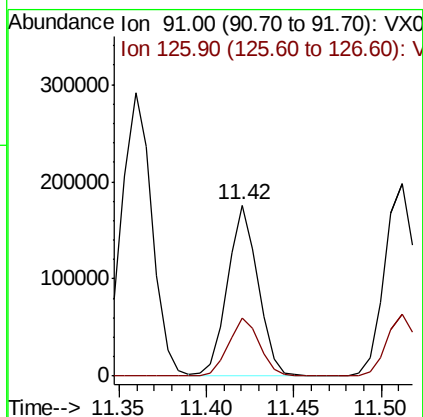
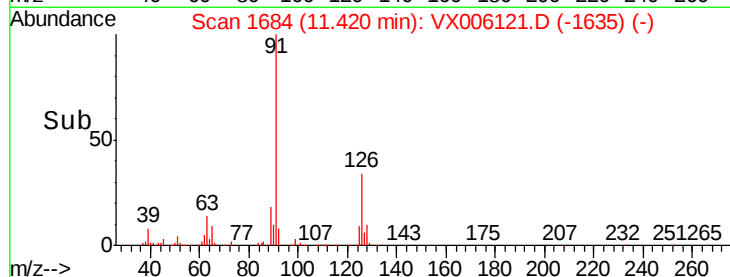
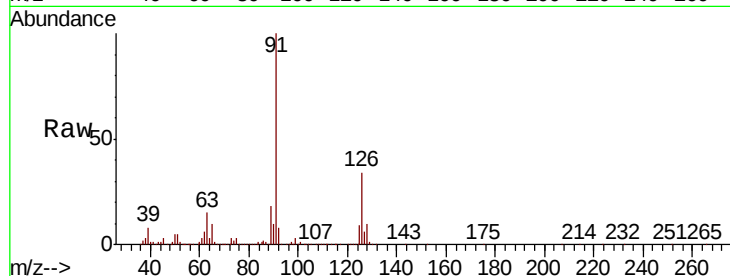
126 35.1 17.6 52.9

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#80

1,3,5-Trimethylbenzene

Concen: 21.471 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006121.D

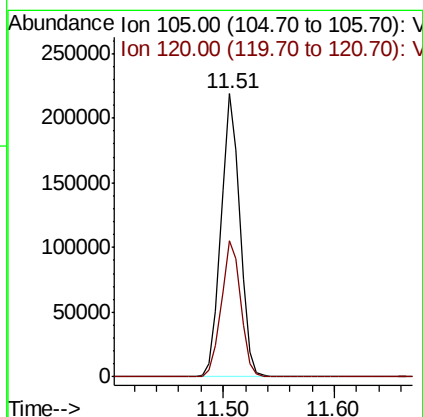
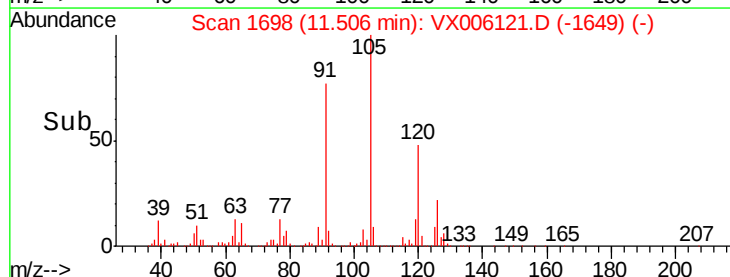
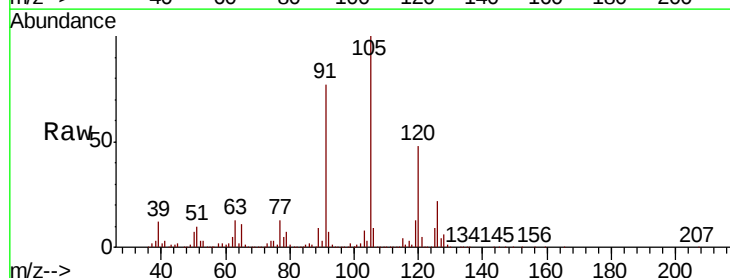
Acq: 21 Nov 2018 13:53

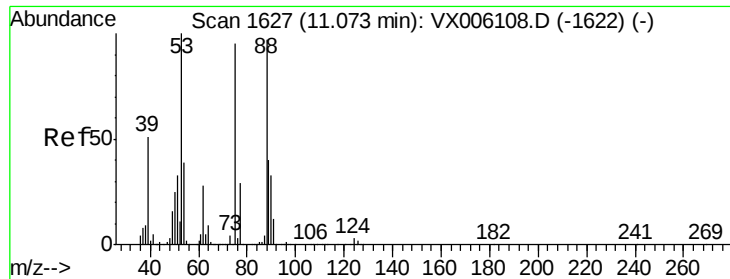
Tgt Ion: 105 Resp: 256398

Ion Ratio Lower Upper

105 100

120 49.0 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.388 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

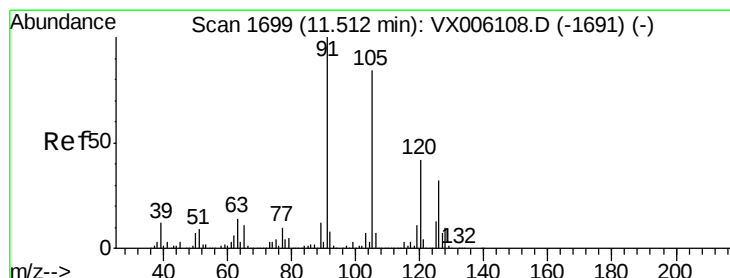
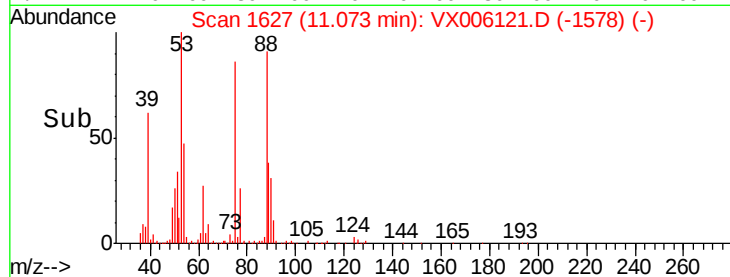
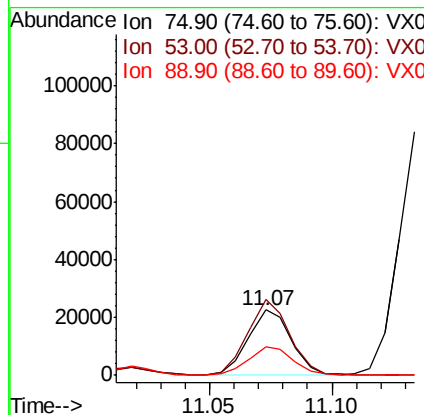
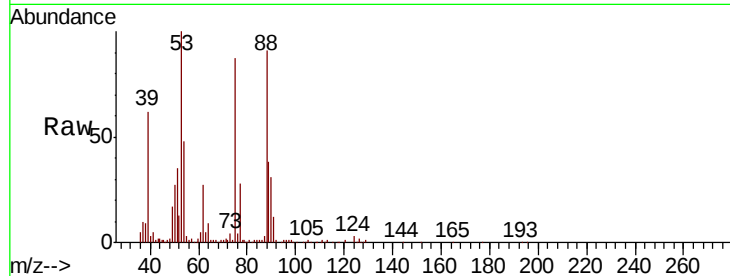
ClientSampleId :

VX1121MBS01

Tot Ion:	75	Resp:	27625
Ion Ratio	Lower	Upper	
75	100		
53	111.6	85.3	127.9
89	43.9	37.2	55.8

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#82

4-Chlorotoluene

Concen: 21.235 ug/l

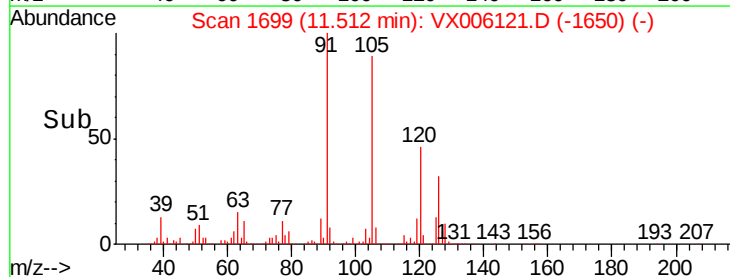
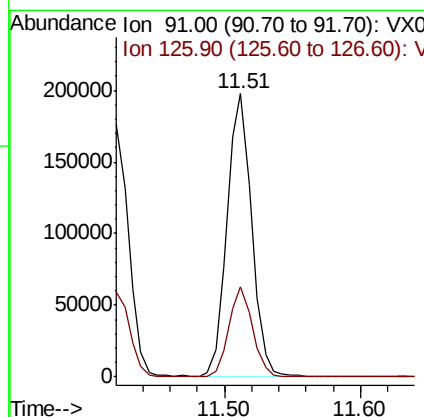
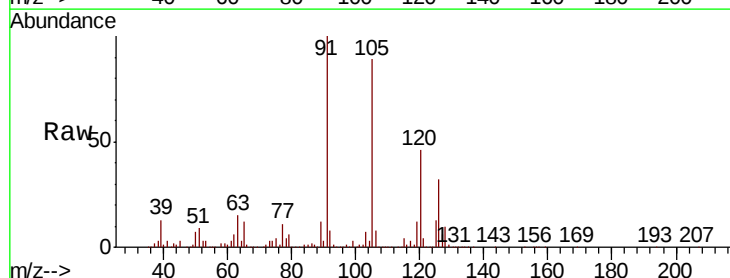
RT: 11.51 min Scan# 1699

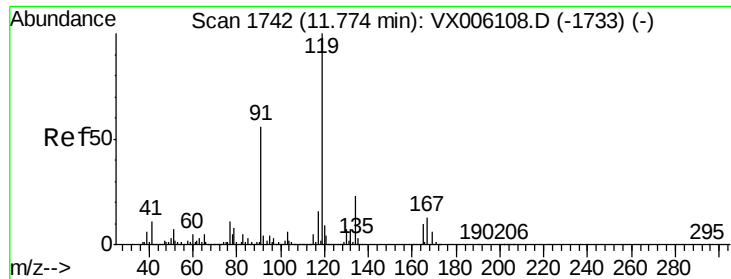
Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Tgt Ion:	91	Resp:	247289
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.3	45.9





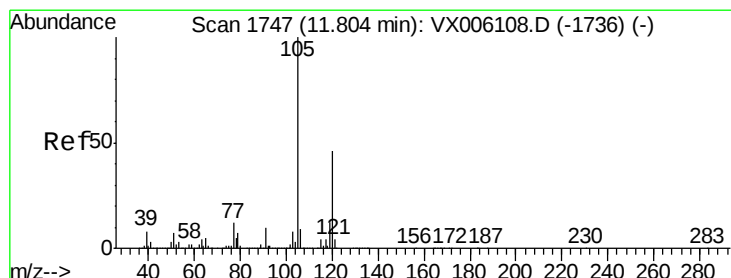
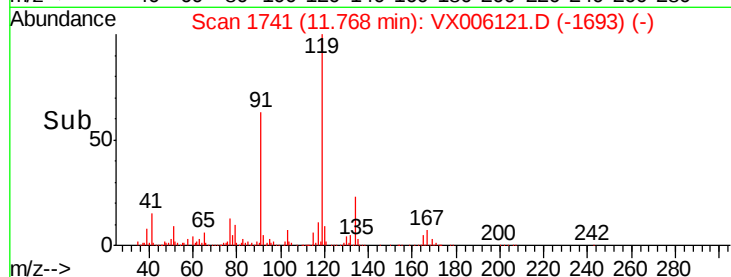
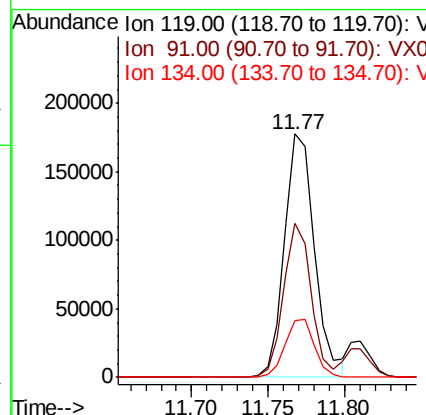
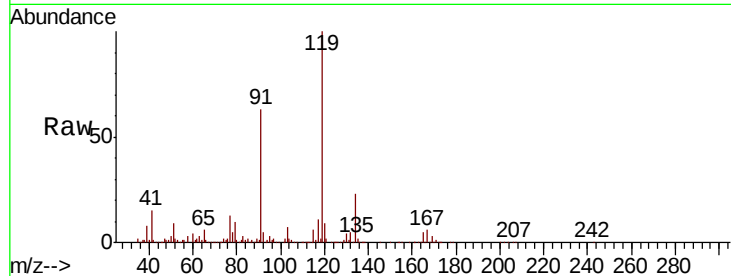
#83
tert-Butylbenzene
Concen: 20.886 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.2	84.6
134	23.4	11.5	34.4

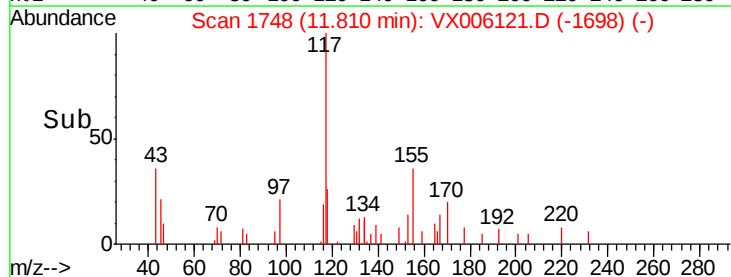
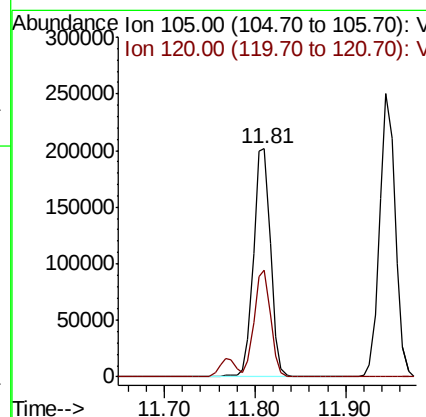
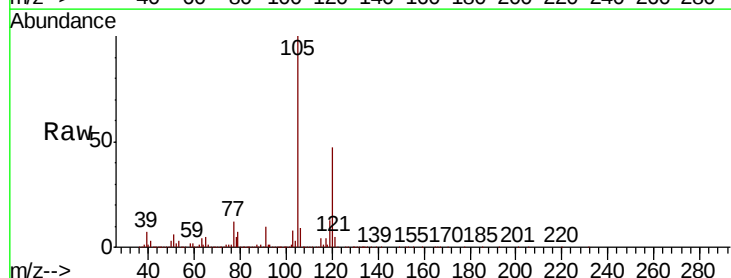
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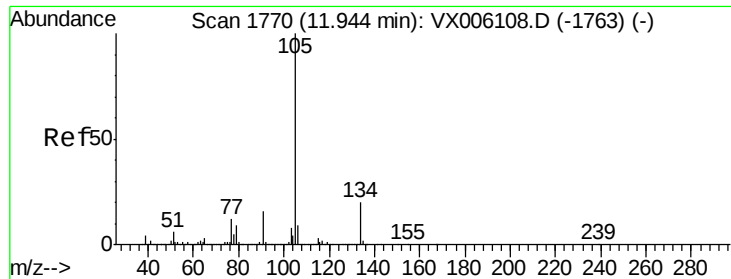
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#84
1,2,4-Trimethylbenzene
Concen: 21.583 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.0





#85

sec-Butylbenzene

Concen: 20.989 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBS01

Tot Ion:105 Resp: 299283

Ion Ratio Lower Upper

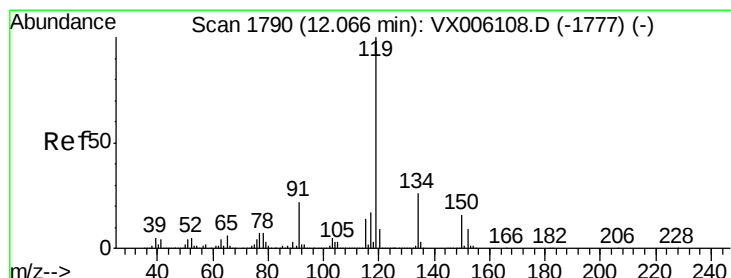
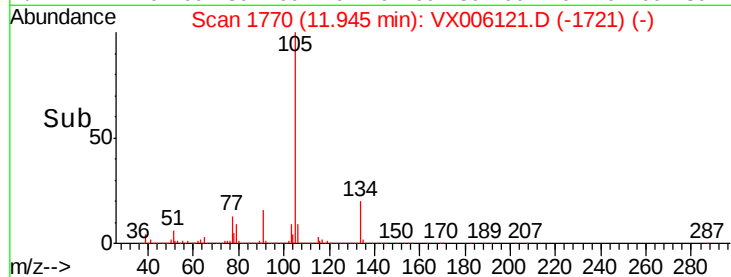
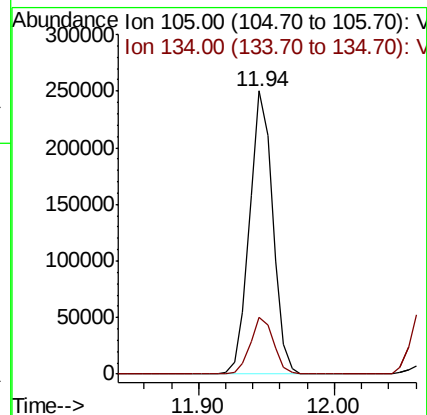
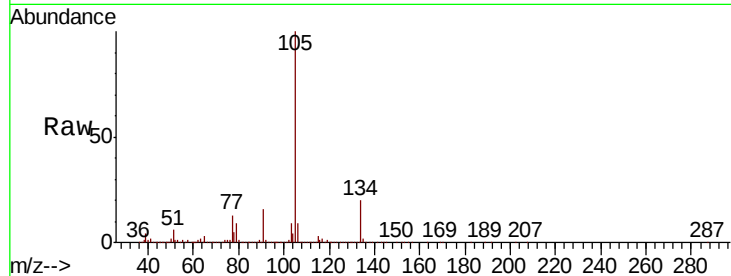
105 100

134 20.3 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 21.048 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

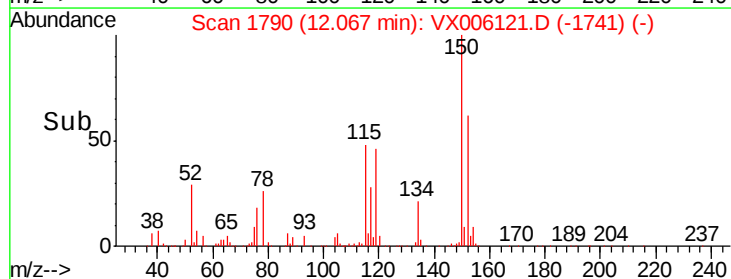
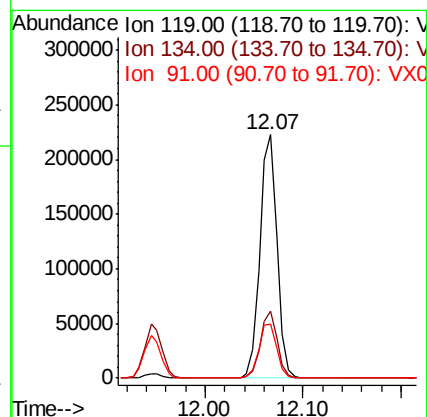
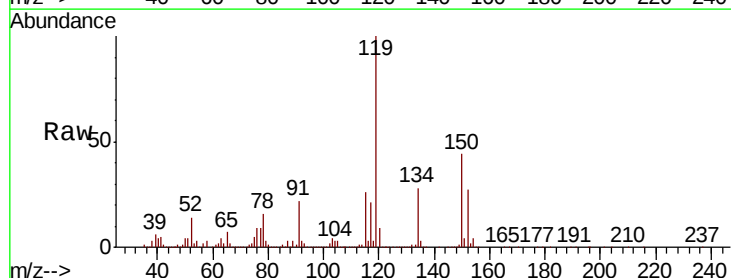
Tgt Ion:119 Resp: 267588

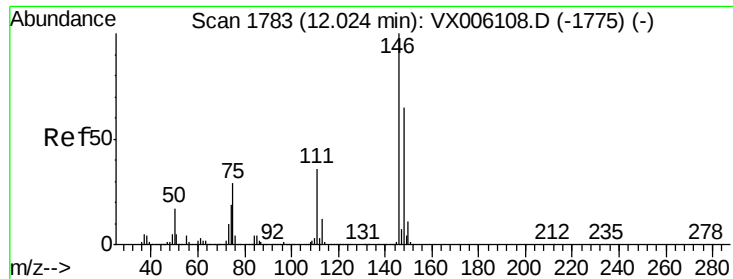
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 23.4 11.3 33.9





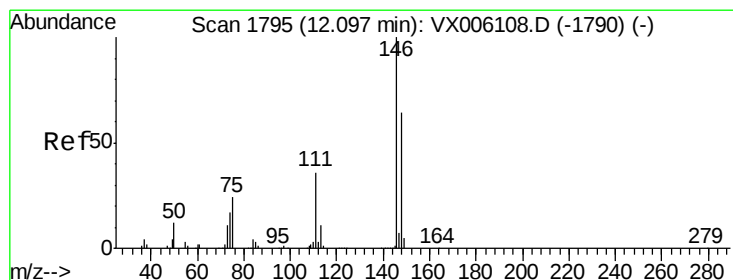
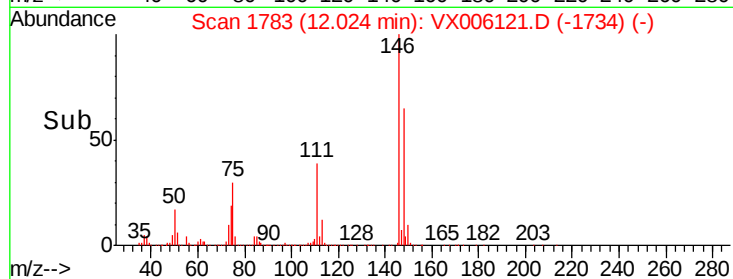
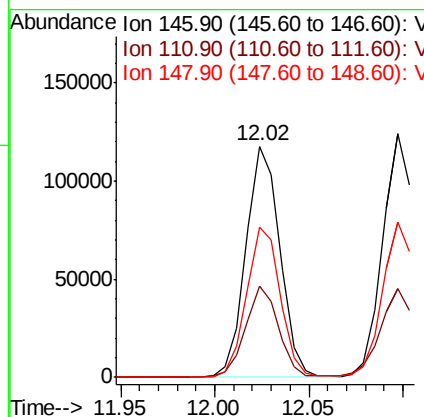
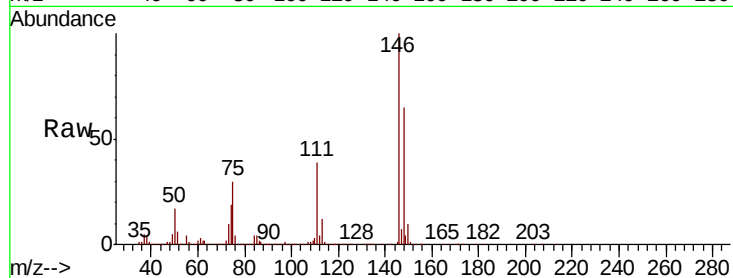
#87
 1,3-Dichlorobenzene
 Concen: 20.204 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	64.6	32.2	96.6

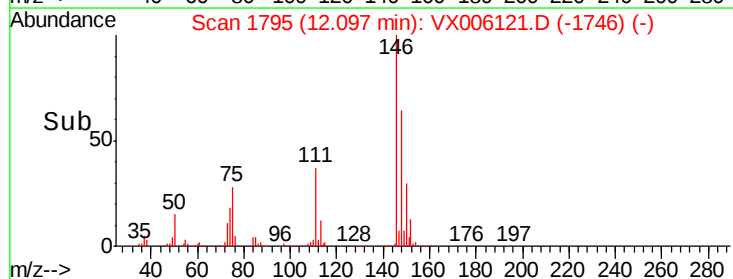
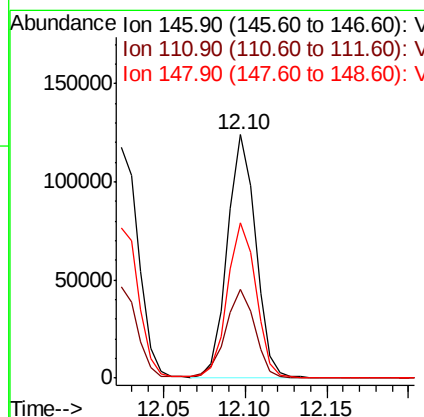
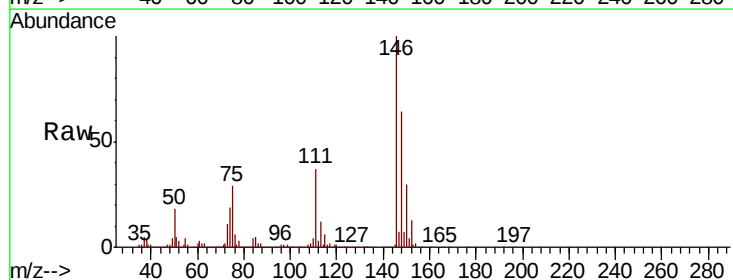
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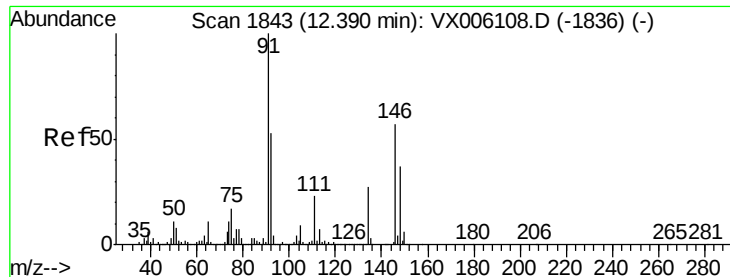
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#88
 1,4-Dichlorobenzene
 Concen: 19.755 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.9
148	65.1	32.2	96.6





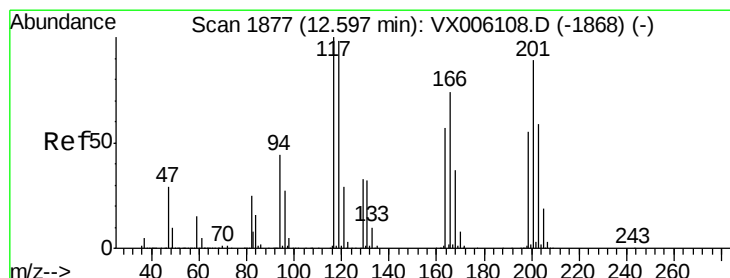
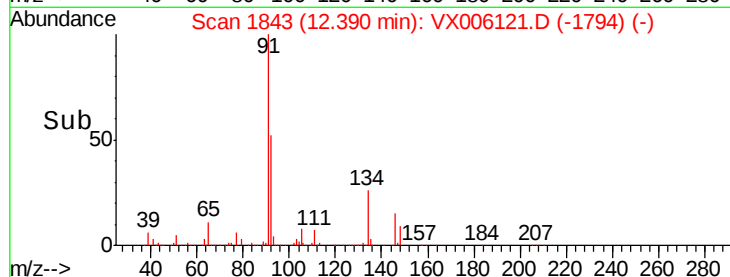
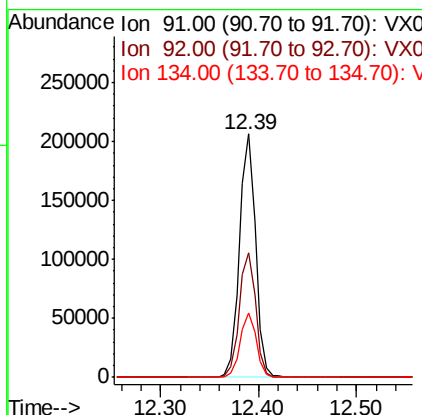
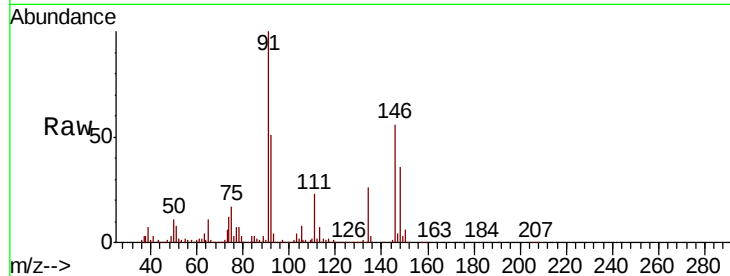
#89
n-Butylbenzene
Concen: 20.441 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.6	79.7
134	26.3	13.1	39.3

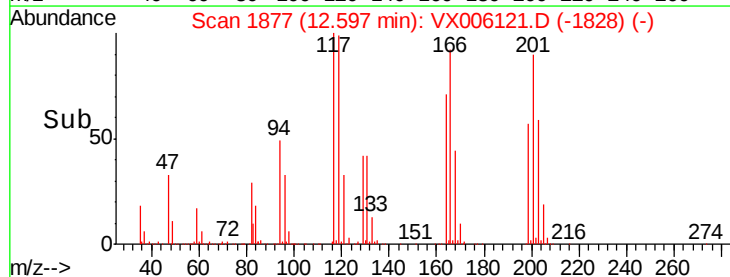
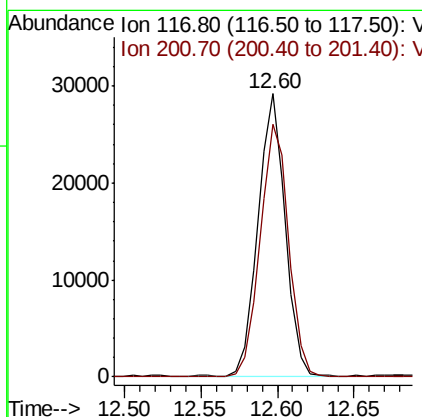
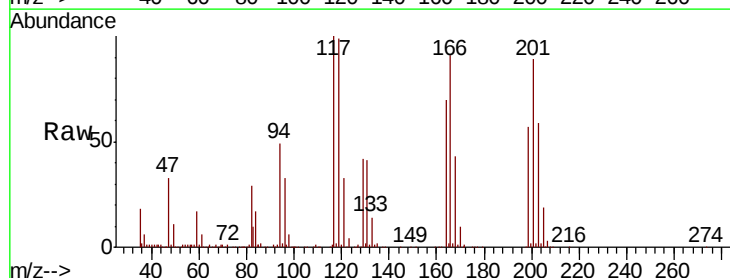
Manual Integrations
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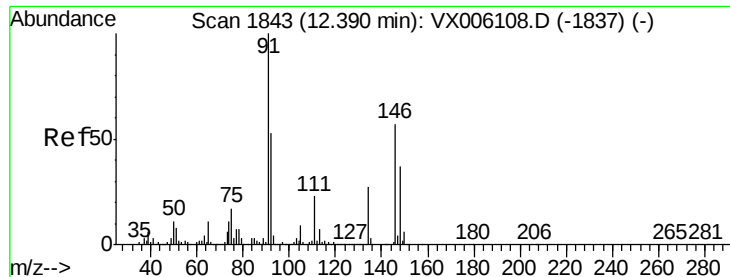
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#90
Hexachloroethane
Concen: 17.908 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006121.D
Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	46.1	138.2





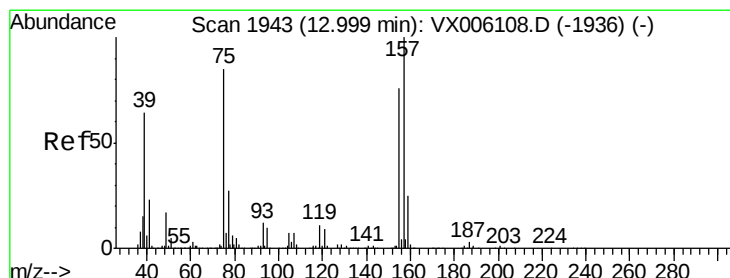
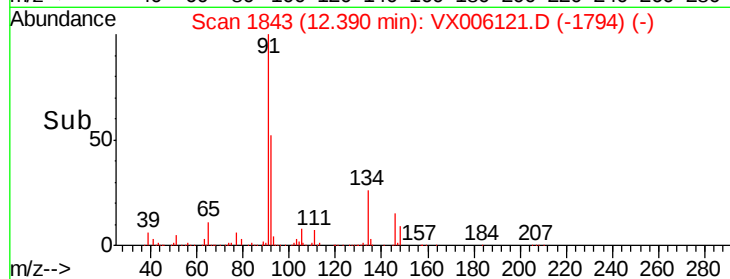
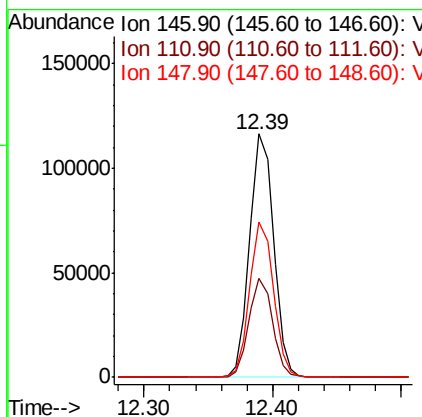
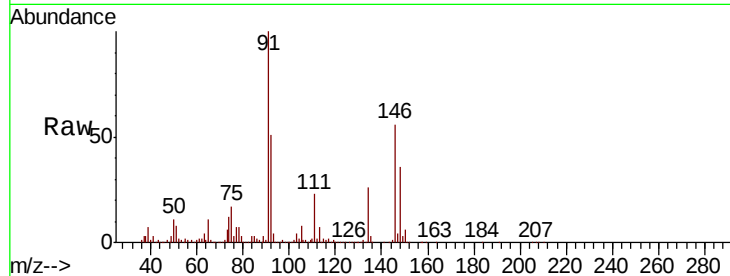
#91
 1,2-Dichlorobenzene
 Concen: 19.896 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	148804		
111	39.8	19.6	58.8	
148	63.7	32.0	96.0	

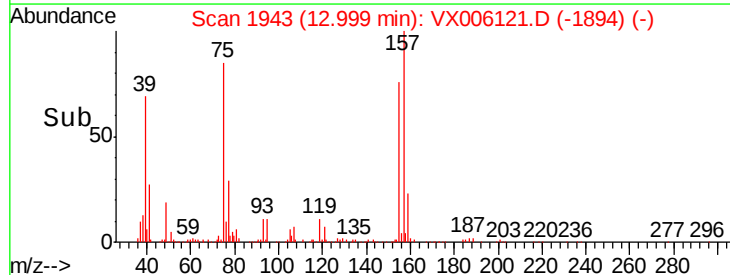
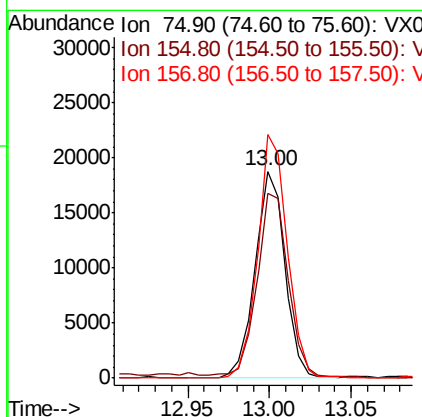
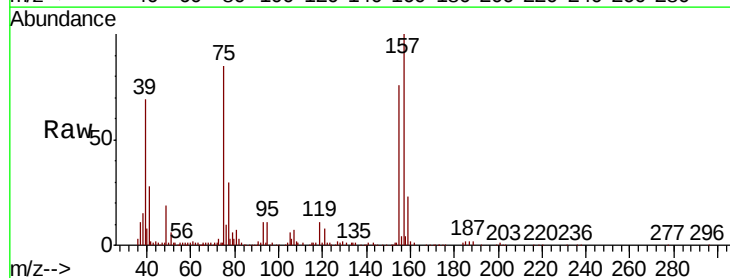
Manual Integrations
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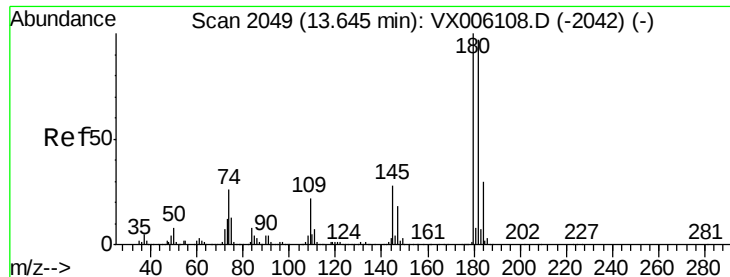
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.397 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24024		
155	94.9	46.1	138.3	
157	115.9	59.8	179.3	





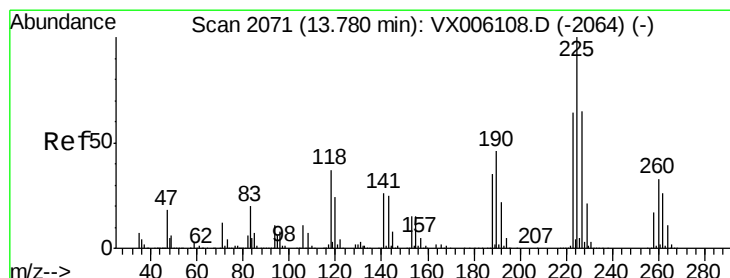
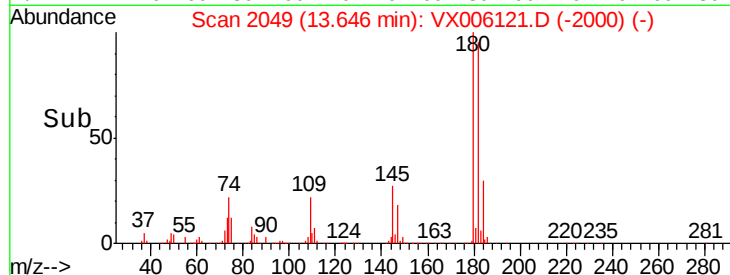
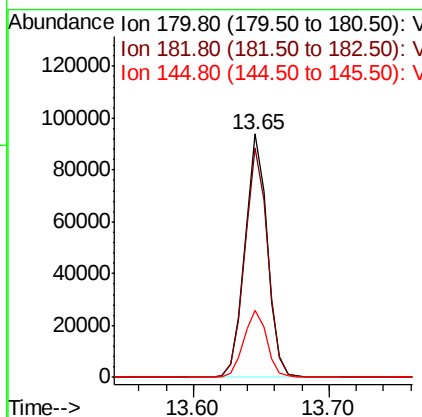
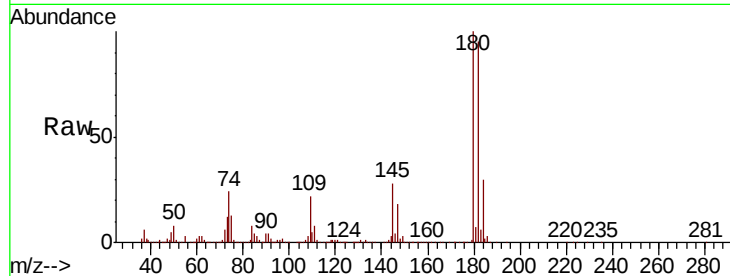
#93
 1,2,4-Trichlorobenzene
 Concen: 20.512 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	108074		
182	96.5	48.2	144.6	
145	28.0	14.1	42.2	

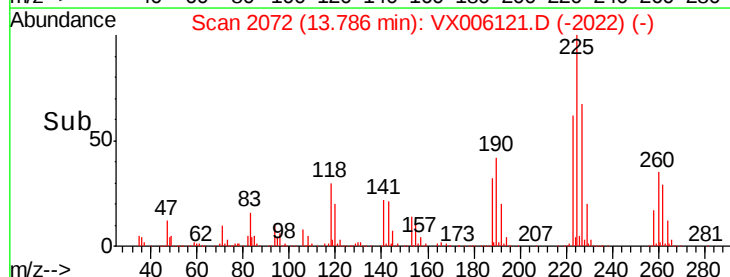
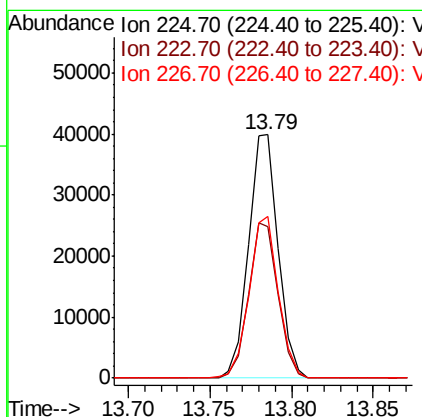
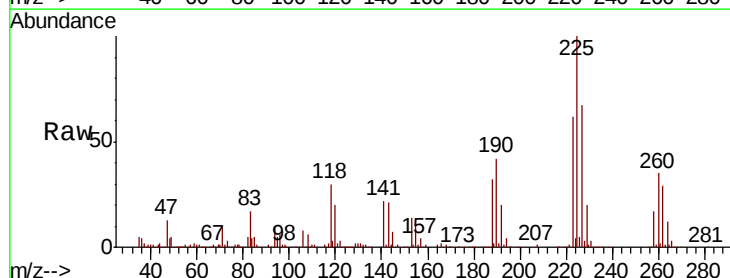
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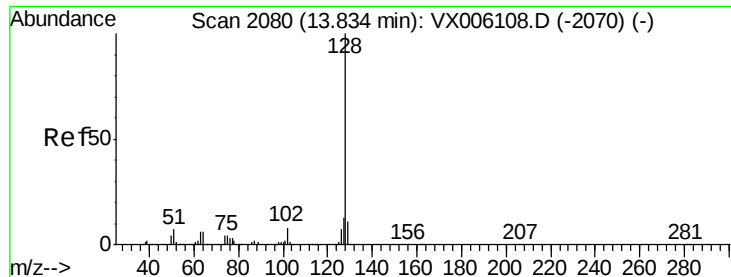
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#94
 Hexachlorobutadiene
 Concen: 19.650 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006121.D
 Acq: 21 Nov 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50458		
223	63.0	31.2	93.6	
227	65.4	32.4	97.2	





#95

Naphthalene

Concen: 22.380 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Instrument :

MSVOA_X

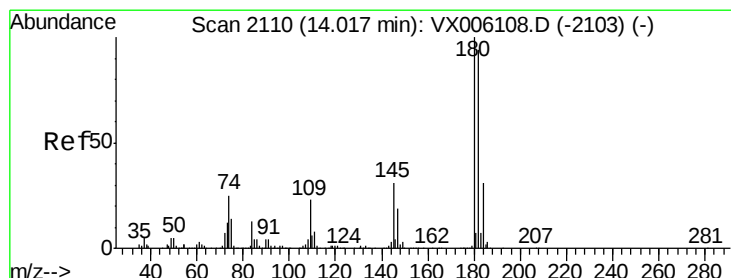
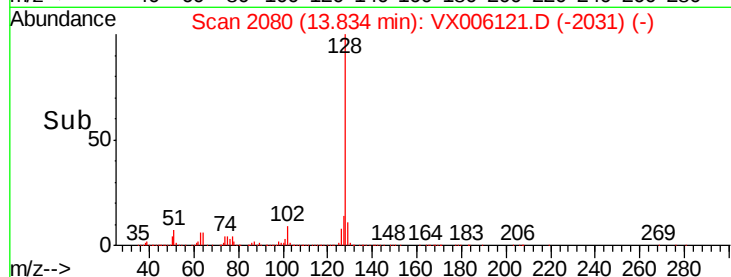
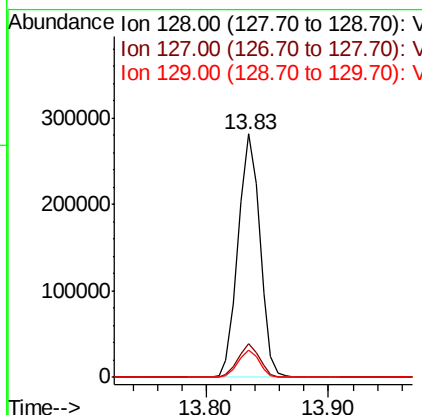
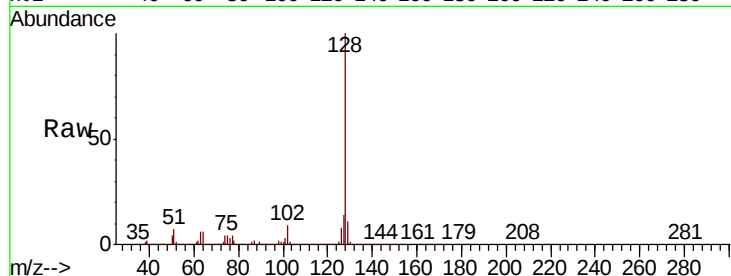
ClientSampleId :

VX1121MBS01

Tot Ion:	128	Resp:	346735
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.569 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006121.D

Acq: 21 Nov 2018 13:53

Tgt Ion:	180	Resp:	110482
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.5
145	31.2	15.0	45.0

