

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006140.D
 Acq On : 21 Nov 2018 23:38
 Operator : JC/MD
 Sample : VX1121WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:51 AM

Quant Time: Nov 22 04:07:42 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	306289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182720	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.50	113	146635	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.71	98	555905	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	203147	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43356	19.049	ug/l	95
3) Chloromethane	1.32	50	55382	19.262	ug/l	99
4) Vinyl Chloride	1.41	62	55545	18.992	ug/l	99
5) Bromomethane	1.64	94	38532	19.573	ug/l	99
6) Chloroethane	1.72	64	34027	28.478	ug/l	99
7) Trichlorofluoromethane	1.93	101	75958	19.854	ug/l	99
8) Diethyl Ether	2.19	74	31277	19.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42587	18.772	ug/l	97
10) Methyl Iodide	2.51	142	44439	15.624	ug/l	98
11) Tert butyl alcohol	3.06	59	77002	101.990	ug/l	98
12) 1,1-Dichloroethene	2.37	96	42286	19.120	ug/l	97
13) Acrolein	2.29	56	43050	95.290	ug/l	98
14) Allyl chloride	2.73	41	85797	18.962	ug/l	99
15) Acrylonitrile	3.15	53	165768	99.405	ug/l	99
16) Acetone	2.45	43	152285	96.695	ug/l	98
17) Carbon Disulfide	2.57	76	119679	20.041	ug/l	98
18) Methyl Acetate	2.78	43	82971	20.544	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	155721	20.370	ug/l	100
20) Methylene Chloride	2.85	84	50302	20.899	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47313	20.447	ug/l	93
22) Diisopropyl ether	3.87	45	201822	20.836	ug/l	96
23) Vinyl Acetate	3.82	43	837210	104.182	ug/l	100
24) 1,1-Dichloroethane	3.70	63	88699	19.437	ug/l	99
25) 2-Butanone	4.70	43	286304	97.941	ug/l	98
26) 2,2-Dichloropropane	4.59	77	64340	17.107	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62880	19.442	ug/l	100
28) Bromochloromethane	5.01	49	55838	20.995	ug/l	99
29) Tetrahydrofuran	5.15	42	185853	101.917	ug/l	100
30) Chloroform	5.21	83	108465	19.614	ug/l	99
31) Cyclohexane	5.58	56	89683	18.815	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	89711	20.091	ug/l	98
36) 1,1-Dichloropropene	5.80	75	77304	18.943	ug/l	99
37) Ethyl Acetate	4.85	43	103997	19.807	ug/l	100
38) Carbon Tetrachloride	5.79	117	74929	19.534	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83794	18.023	ug/l	99
40) Benzene	6.14	78	236958	19.708	ug/l	98
41) Methacrylonitrile	5.06	41	56532	19.538	ug/l	99
42) 1,2-Dichloroethane	6.20	62	89365	19.881	ug/l	99
43) Isopropyl Acetate	6.46	43	150203	19.809	ug/l	99
44) Trichloroethene	7.21	130	65095	19.480	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65281	20.516	ug/l	98
46) Dibromomethane	7.66	93	41856	19.208	ug/l	99
47) Bromodichloromethane	7.90	83	79834	19.809	ug/l	100
48) Methyl methacrylate	7.77	41	78841	20.502	ug/l	99
49) 1,4-Dioxane	7.75	88	34324	376.221	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	552068	101.561	ug/l	100
52) Toluene	8.79	92	149920	20.160	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	79377	18.874	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	89175	19.181	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	63876	19.833	ug/l	99
56) Ethyl methacrylate	9.18	69	89059	19.605	ug/l	99
57) 1,3-Dichloropropane	9.37	76	105837	19.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	275087	102.357	ug/l	100
59) 2-Hexanone	9.49	43	432849	100.338	ug/l	99
60) Dibromochloromethane	9.59	129	62515	19.798	ug/l	96
61) 1,2-Dibromoethane	9.67	107	66705	20.104	ug/l	98
64) Tetrachloroethene	9.34	164	69864	20.316	ug/l	98
65) Chlorobenzene	10.14	112	170605	19.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	58038	19.723	ug/l	98
67) Ethyl Benzene	10.25	91	285278	20.327	ug/l	100
68) m/p-Xylenes	10.36	106	222788	40.767	ug/l	100
69) o-Xylene	10.70	106	105872	20.281	ug/l	98
70) Styrene	10.71	104	173770	20.416	ug/l	99
71) Bromoform	10.86	173	49567	18.817	ug/l #	100
73) Isopropylbenzene	11.02	105	288372	20.927	ug/l	99
74) N-amyl acetate	10.90	43	126783	19.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101345	19.515	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95856m	20.443	ug/l	
77) Bromobenzene	11.26	156	78342	20.294	ug/l	99
78) n-propylbenzene	11.36	91	334710	20.857	ug/l	99
79) 2-Chlorotoluene	11.42	91	198113	20.406	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241895	20.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24244	17.488	ug/l	95
82) 4-Chlorotoluene	11.51	91	230622	20.355	ug/l	98
83) tert-Butylbenzene	11.77	119	232238	20.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	251588	21.229	ug/l	99
85) sec-Butylbenzene	11.94	105	286948	20.683	ug/l	100
86) p-Isopropyltoluene	12.06	119	251233	20.311	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	142488	20.019	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	140044	18.980	ug/l	97
89) n-Butylbenzene	12.39	91	216038	19.291	ug/l	99
90) Hexachloroethane	12.60	117	38818	19.666	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	143231	19.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23952	19.877	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102205	19.938	ug/l	99
94) Hexachlorobutadiene	13.78	225	46643	18.670	ug/l	99
95) Naphthalene	13.83	128	321748	21.345	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105536	20.194	ug/l	100

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

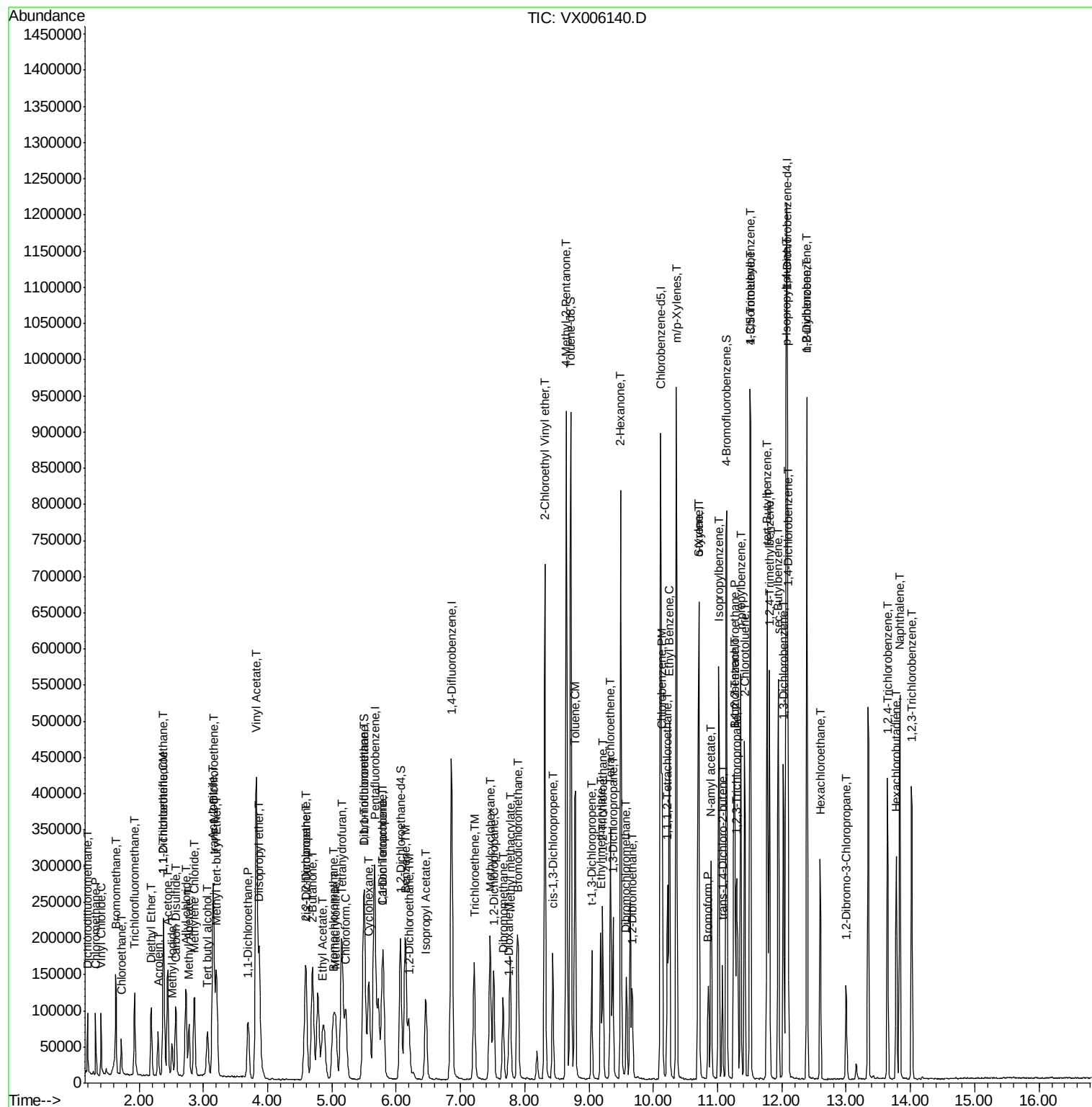
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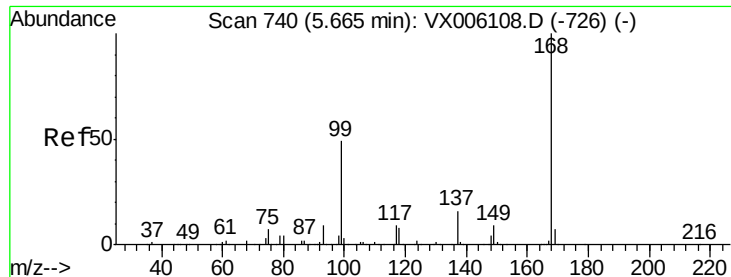
Instrument :
MSVOA_X
Client Sampled :
VX1121WBS02

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
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: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion:168 Resp: 306289

Ion Ratio Lower Upper

168 100

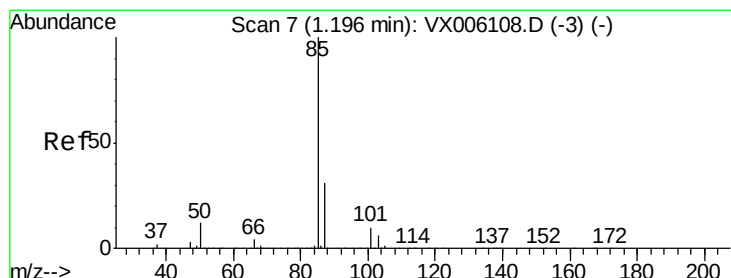
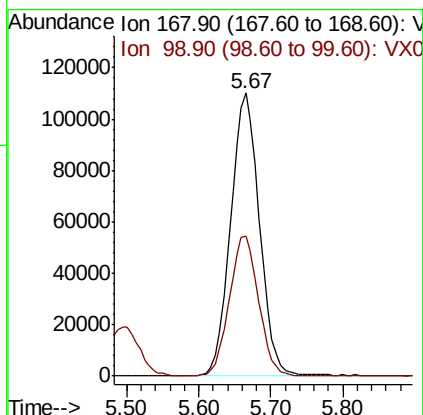
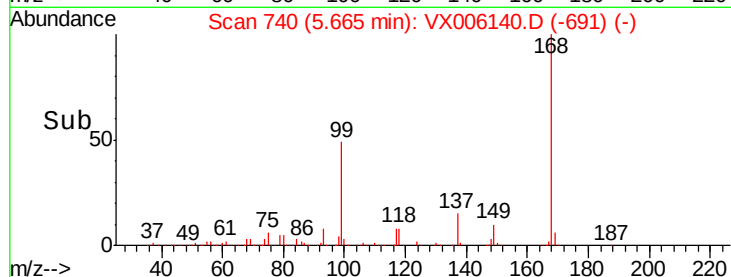
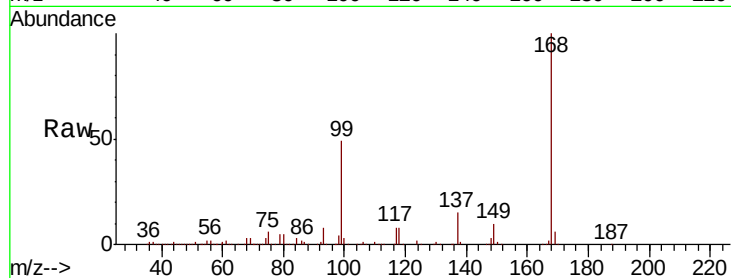
99 49.4 39.2 58.8

Manual Integrations

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11/26/2018 9:48:51 AM



#2

Dichlorodifluoromethane

Concen: 19.049 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006140.D

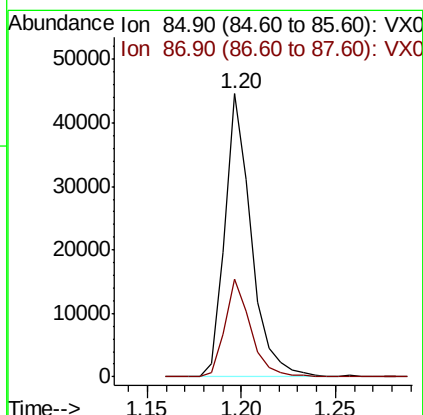
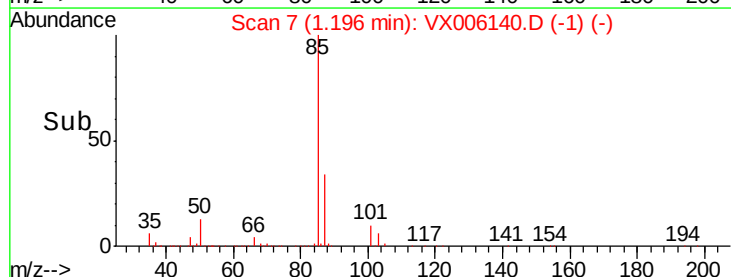
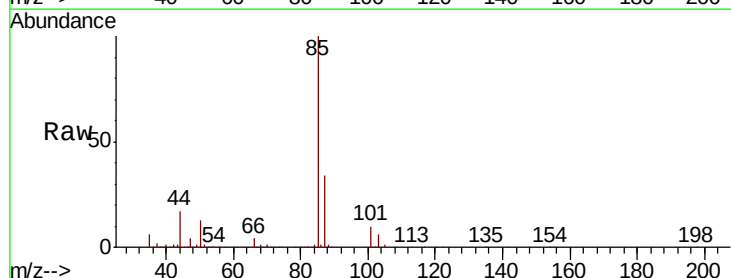
Acq: 21 Nov 2018 23:38

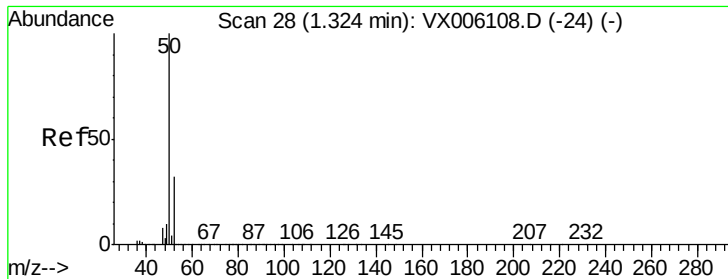
Tgt Ion: 85 Resp: 43356

Ion Ratio Lower Upper

85 100

87 34.4 15.7 47.1





#3

Chloromethane

Concen: 19.262 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 50 Resp: 55382

Ion Ratio Lower Upper

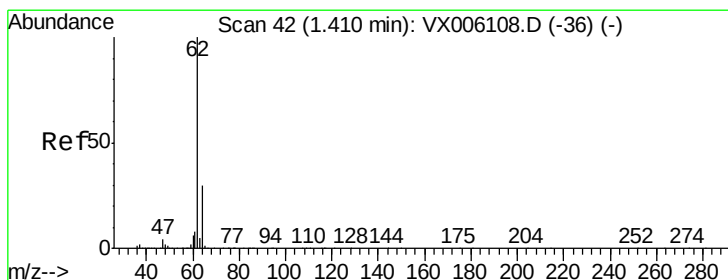
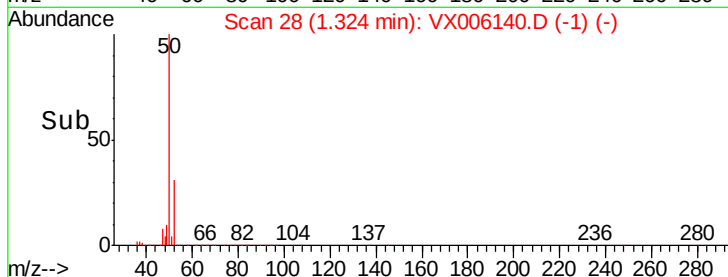
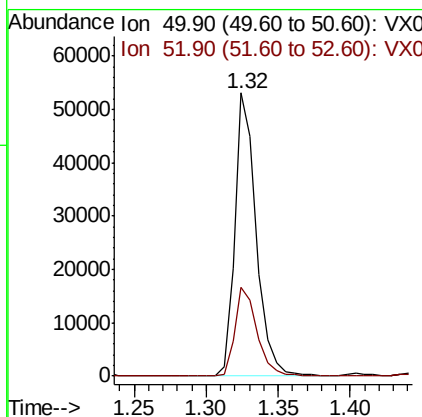
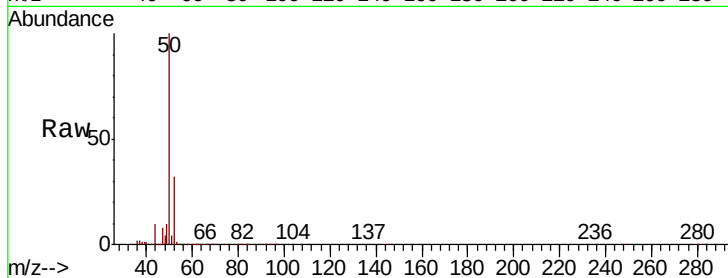
50 100

52 31.4 25.6 38.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.992 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006140.D

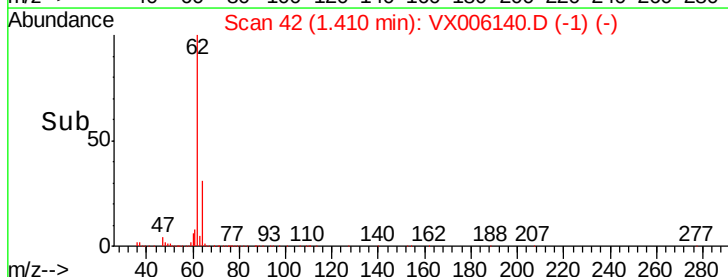
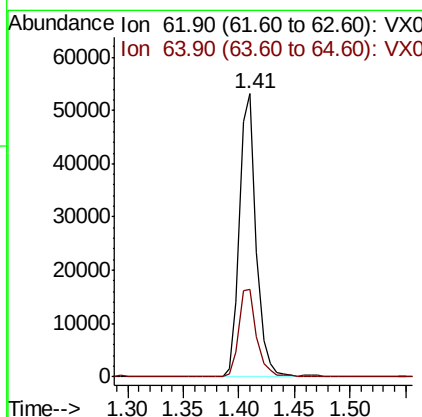
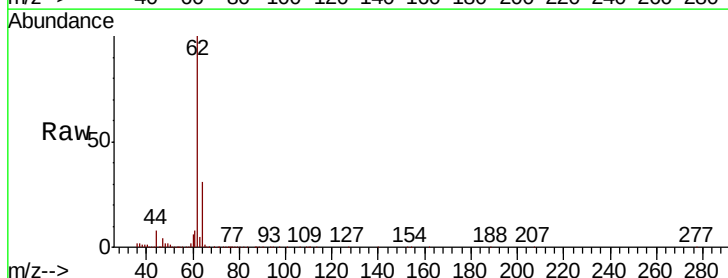
Acq: 21 Nov 2018 23:38

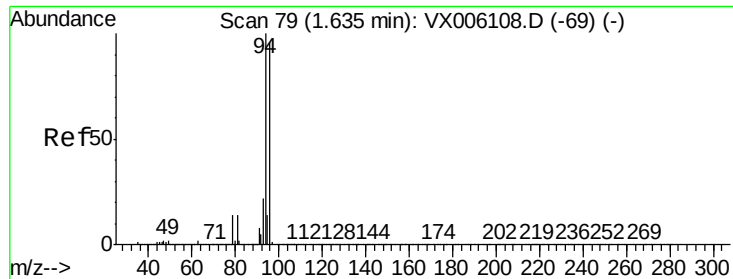
Tgt Ion: 62 Resp: 55545

Ion Ratio Lower Upper

62 100

64 30.9 24.2 36.4





#5

Bromomethane

Concen: 19.573 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 94 Resp: 38532

Ion Ratio Lower Upper

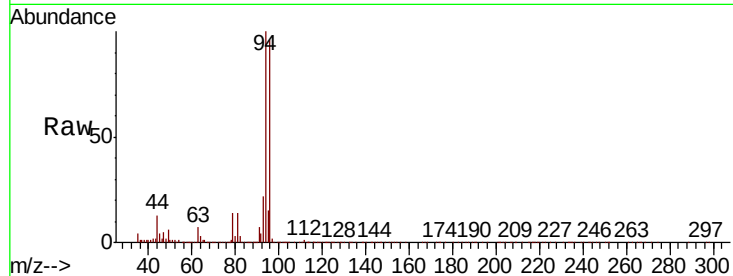
94 100

96 95.4 76.7 115.1

Manual Integrations
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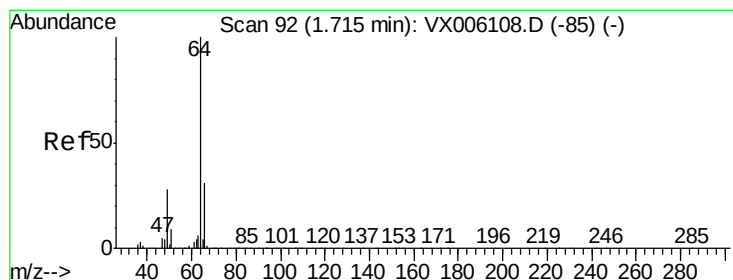
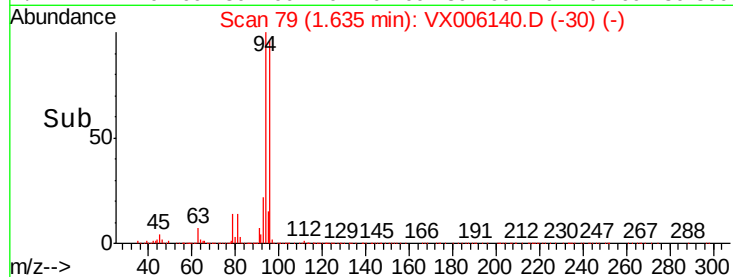
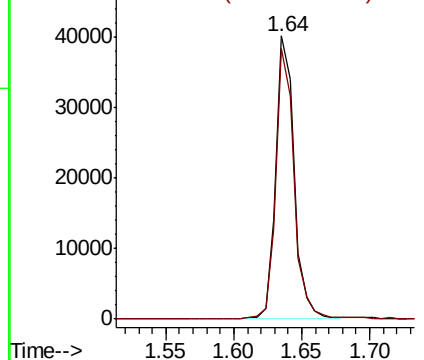
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 28.478 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006140.D

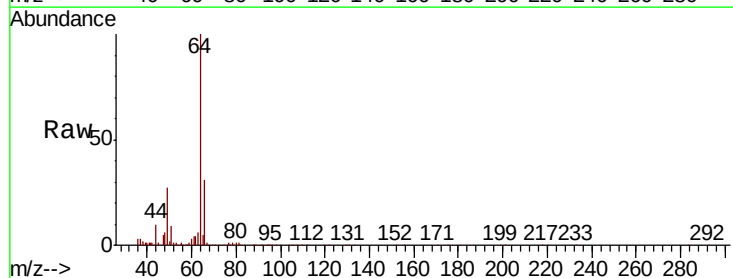
Acq: 21 Nov 2018 23:38

Tgt Ion: 64 Resp: 34027

Ion Ratio Lower Upper

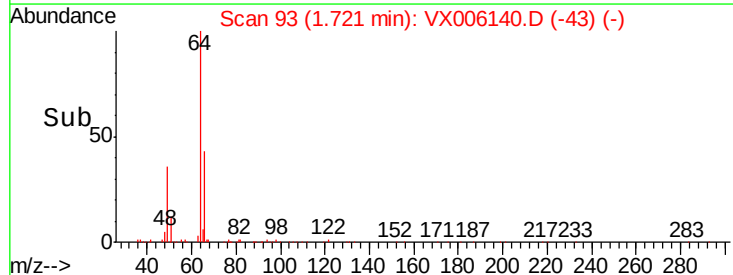
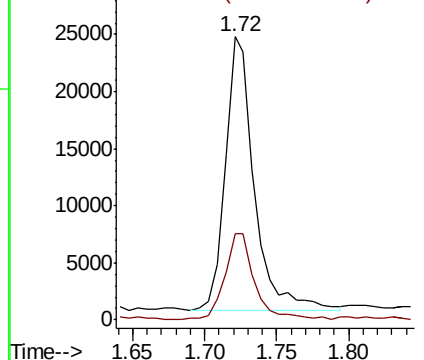
64 100

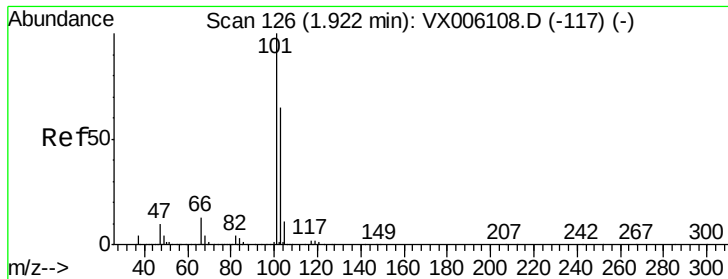
66 31.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

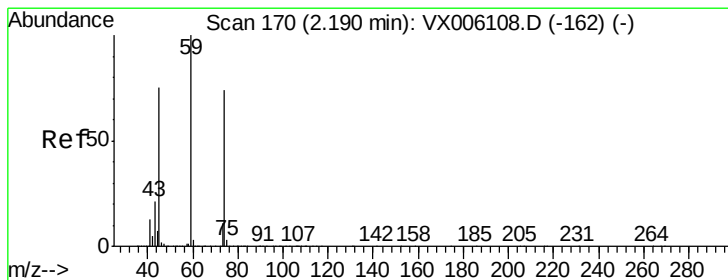
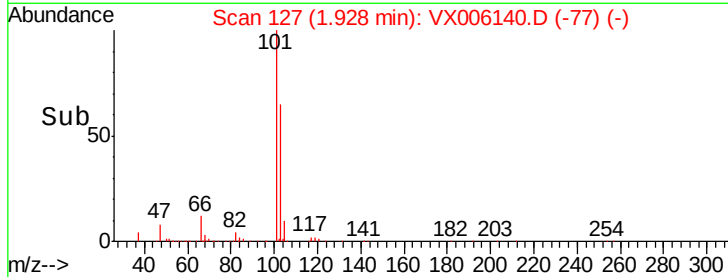
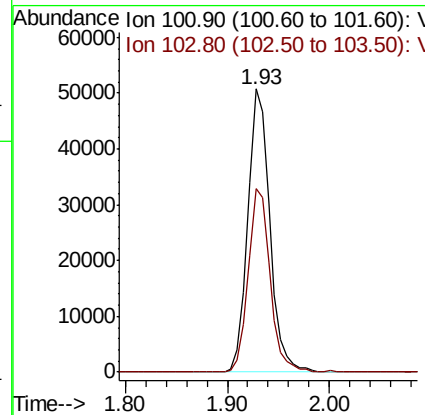
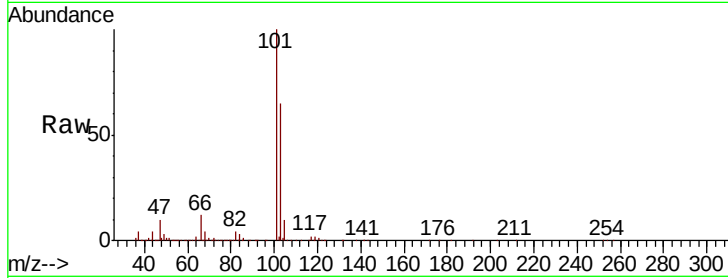
Trichlorofluoromethane
Concen: 19.854 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.1	78.1

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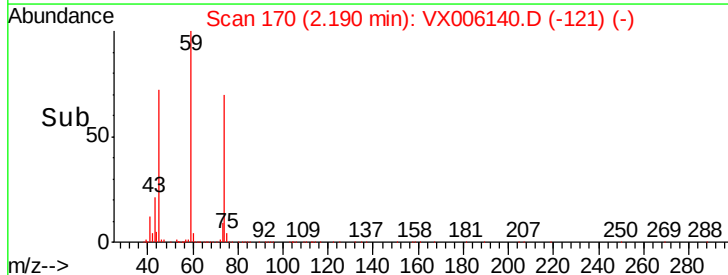
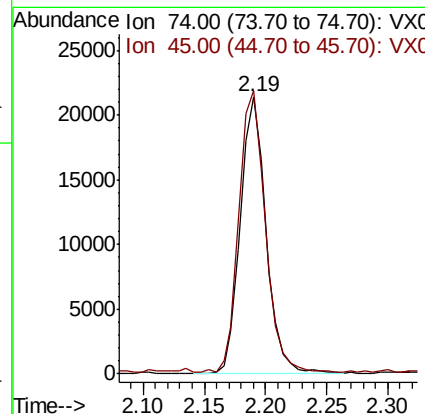
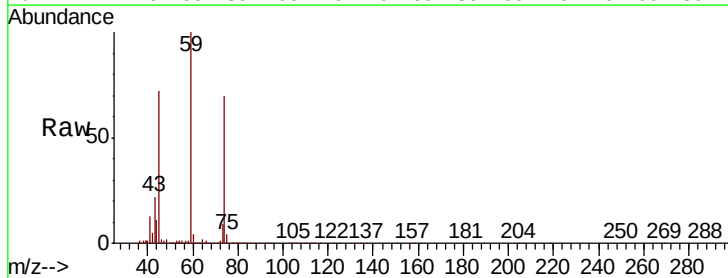
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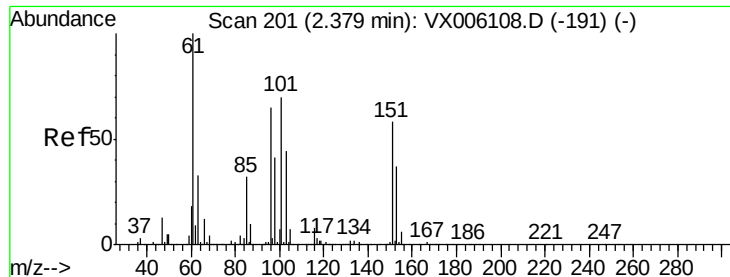


#8

Diethyl Ether
Concen: 19.339 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.772 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

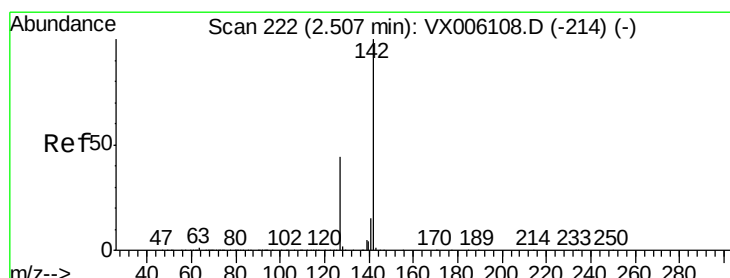
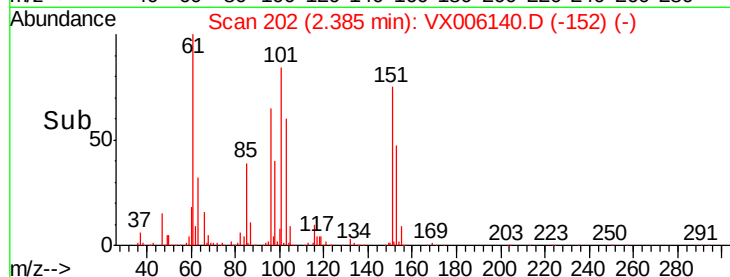
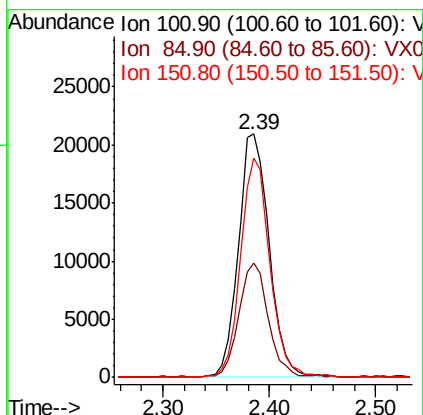
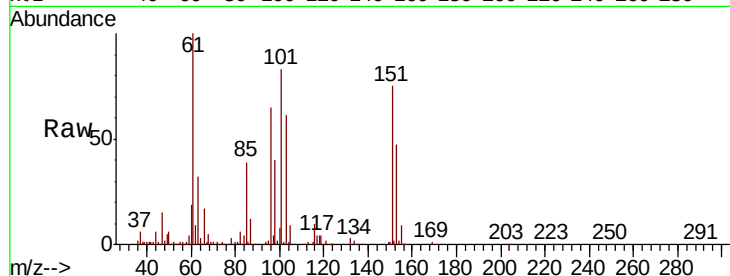
ClientSampleId :

VX1121WBS02

Tot Ion:	101	Resp:	42587
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	86.0	65.8	98.6

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#10

Methyl Iodide

Concen: 15.624 ug/l

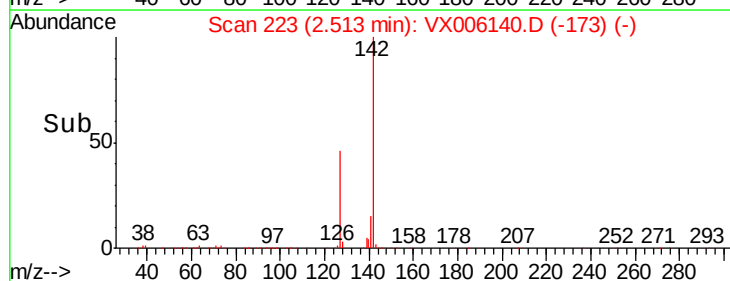
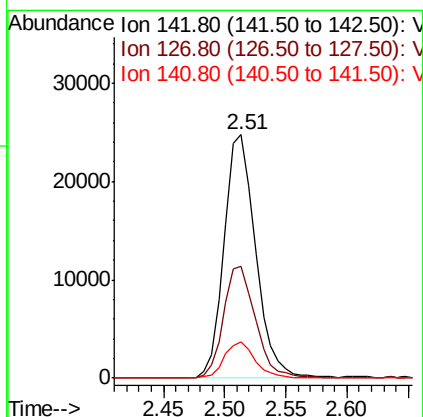
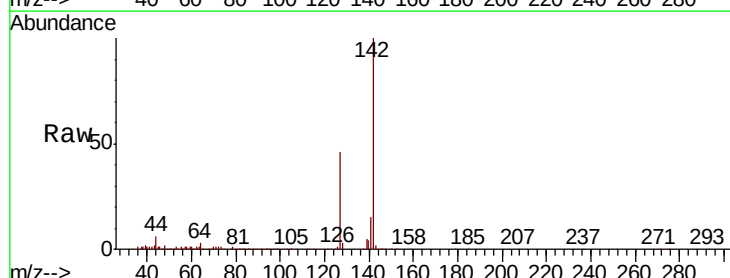
RT: 2.51 min Scan# 223

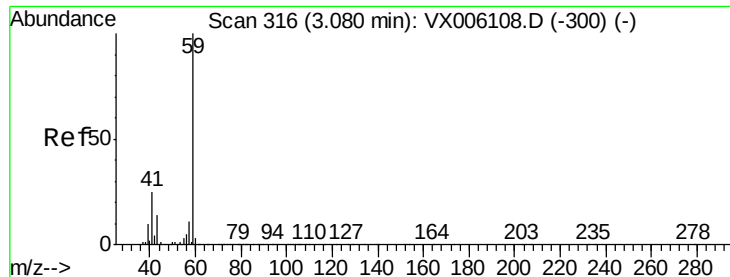
Delta R.T. 0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	142	Resp:	44439
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.0	54.0
141	14.5	11.7	17.5





#11

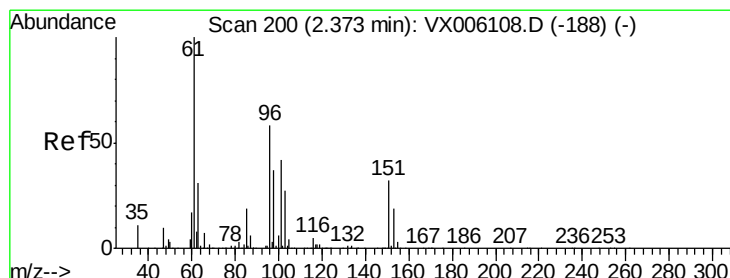
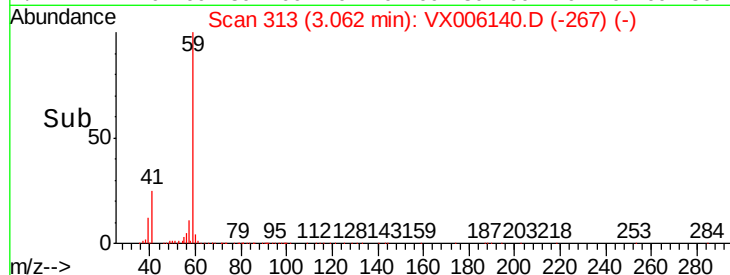
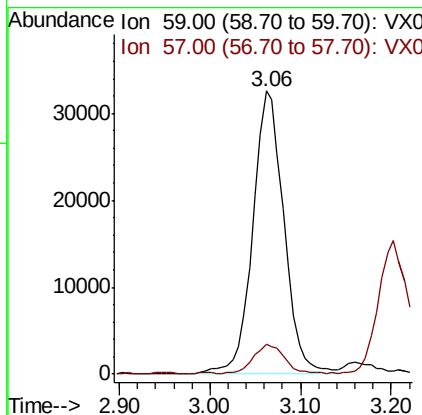
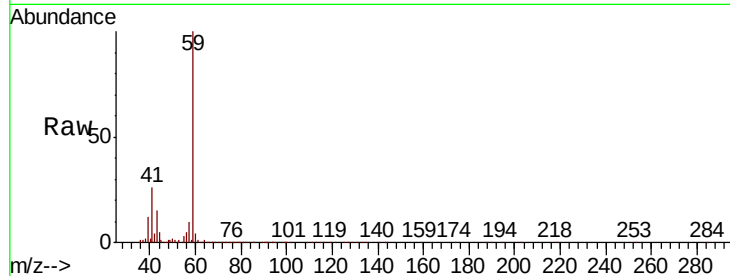
Tert butyl alcohol
Concen: 101.990 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.7	13.1

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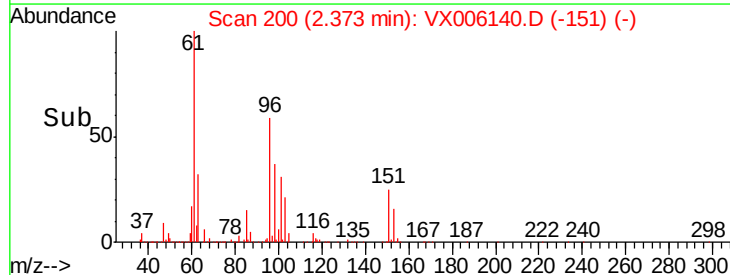
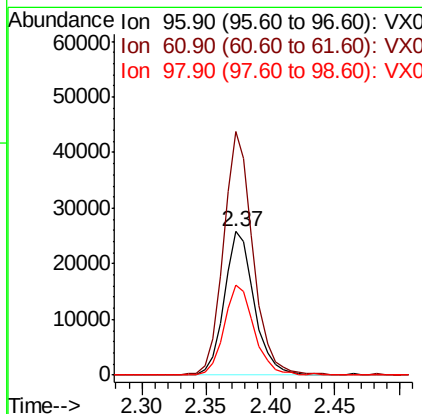
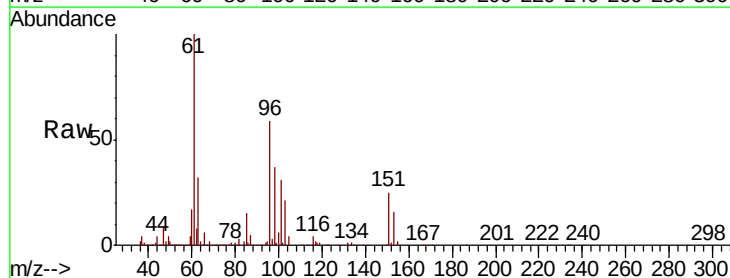
MMDadoda
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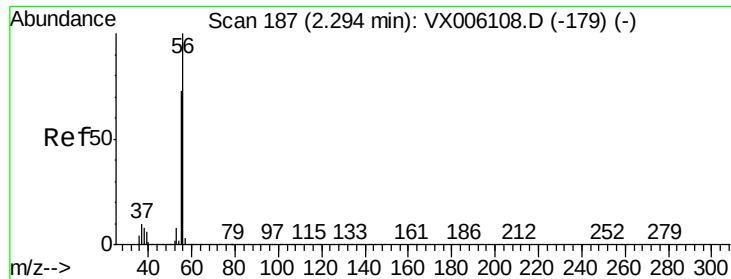


#12

1,1-Dichloroethene
Concen: 19.120 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	138.2	207.4
98	62.3	51.3	76.9





#13

Acrolein

Concen: 95.290 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 56 Resp: 43050

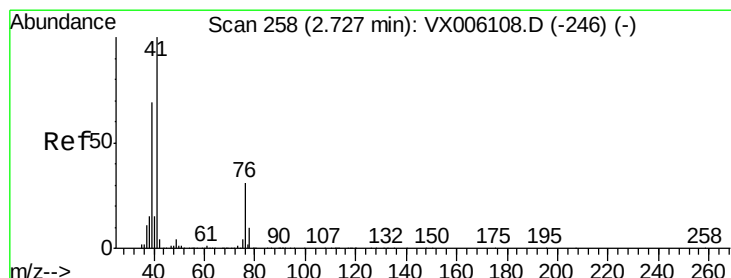
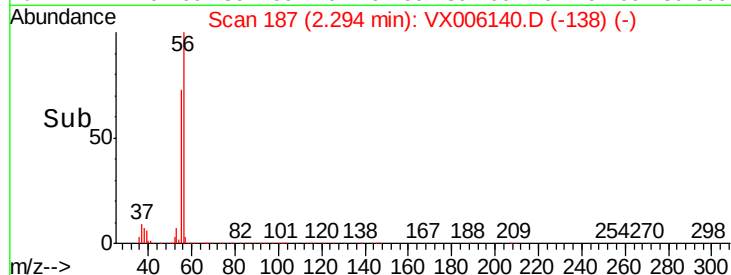
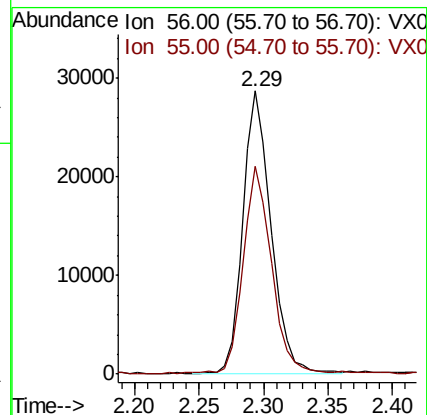
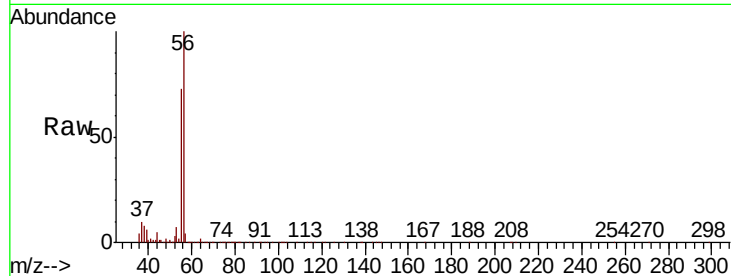
Ion Ratio Lower Upper

56 100

55 74.2 57.8 86.6

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#14

Allyl chloride

Concen: 18.962 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

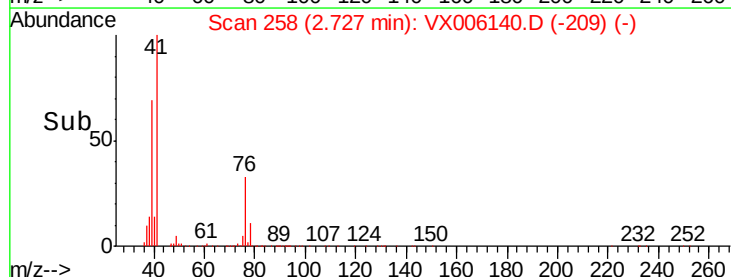
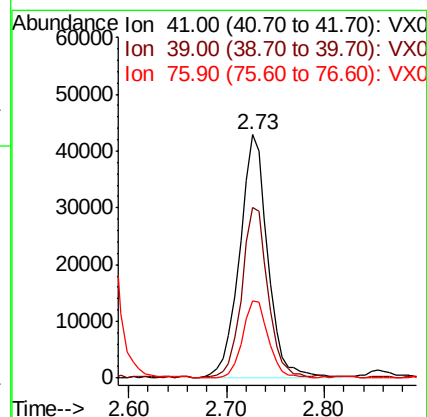
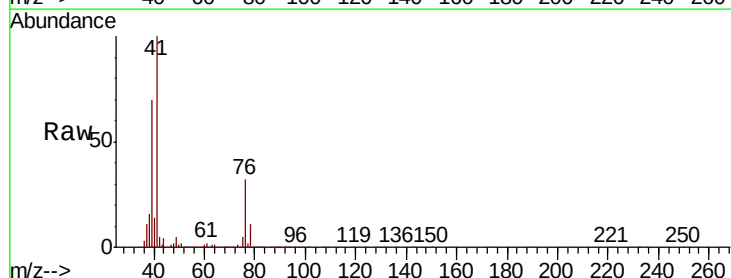
Tgt Ion: 41 Resp: 85797

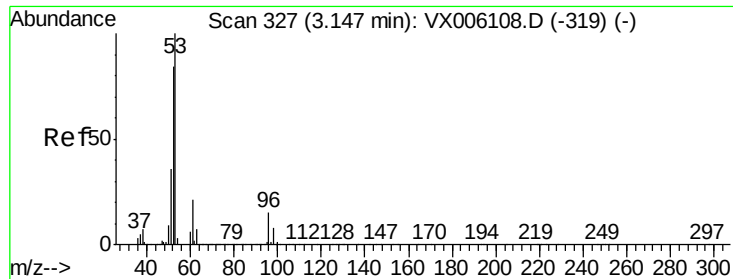
Ion Ratio Lower Upper

41 100

39 64.4 52.5 78.7

76 28.7 23.4 35.2





#15

Acrylonitrile

Concen: 99.405 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

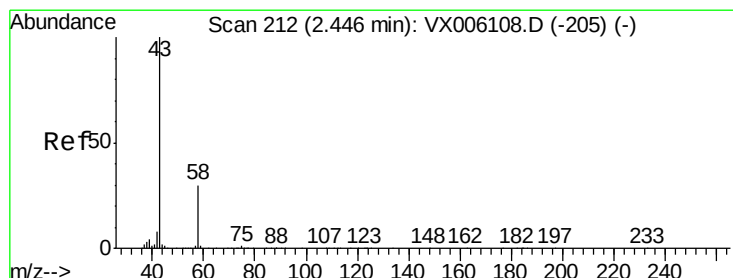
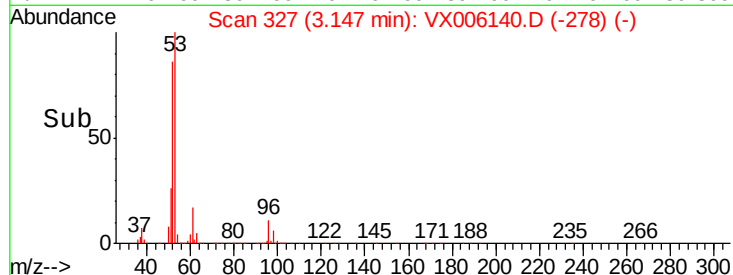
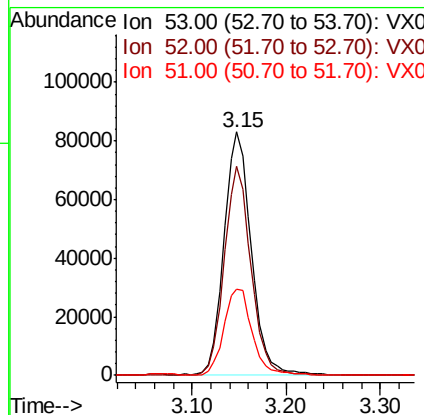
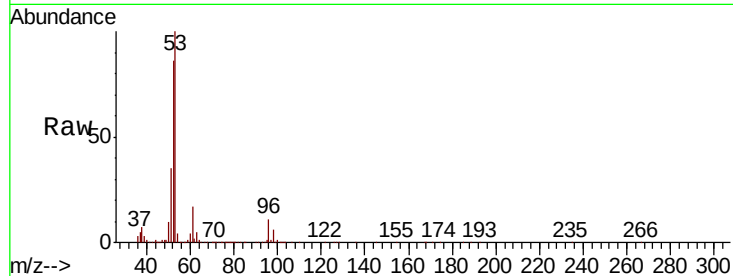
ClientSampleId :

VX1121WBS02

Tot Ion:	53	Resp:	165768
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.4	99.6
51	36.7	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 96.695 ug/l

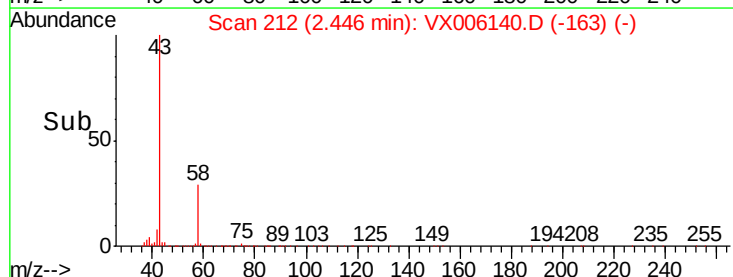
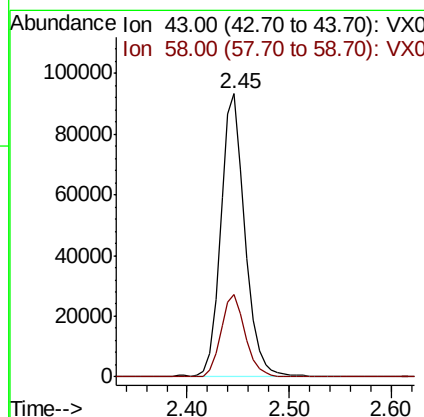
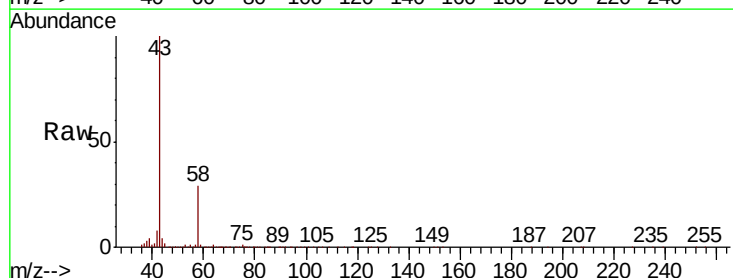
RT: 2.45 min Scan# 212

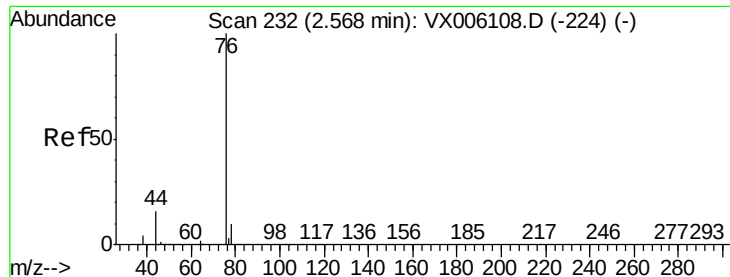
Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	43	Resp:	152285
Ion Ratio		Lower	Upper
43	100		
58	28.9	23.8	35.8





#17

Carbon Disulfide

Concen: 20.041 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 76 Resp: 119679

Ion Ratio Lower Upper

76 100

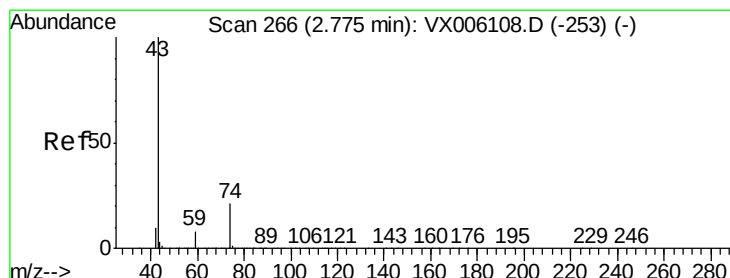
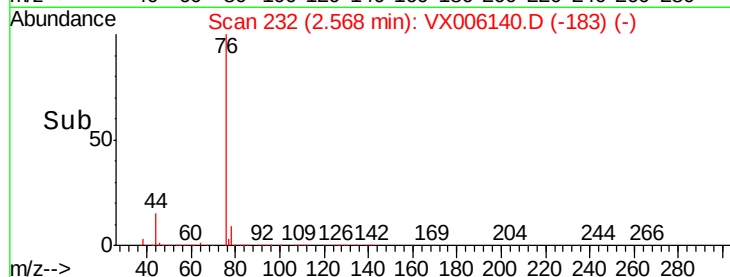
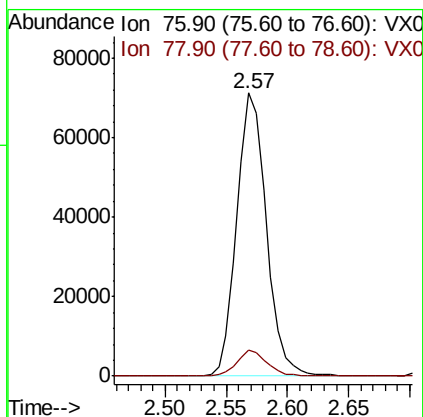
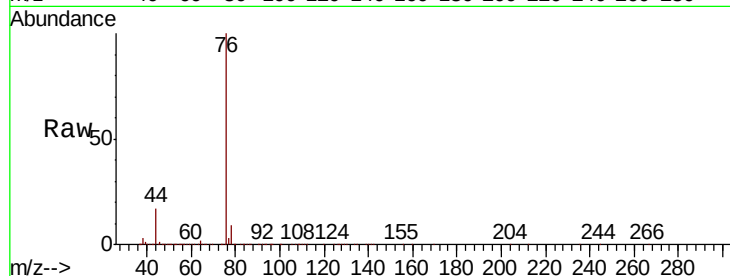
78 9.0 7.7 11.5

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#18

Methyl Acetate

Concen: 20.544 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006140.D

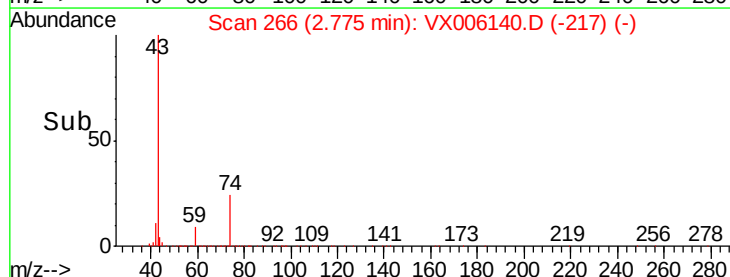
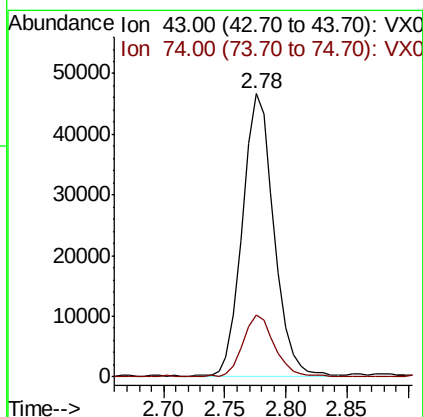
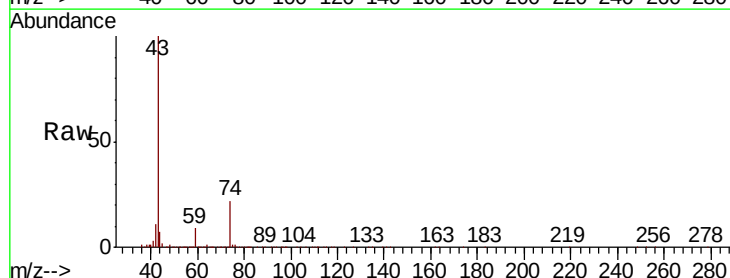
Acq: 21 Nov 2018 23:38

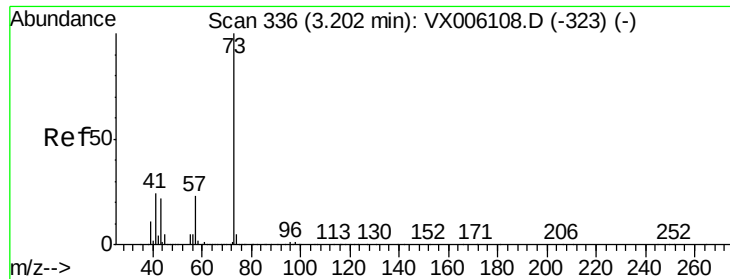
Tgt Ion: 43 Resp: 82971

Ion Ratio Lower Upper

43 100

74 21.4 17.3 25.9





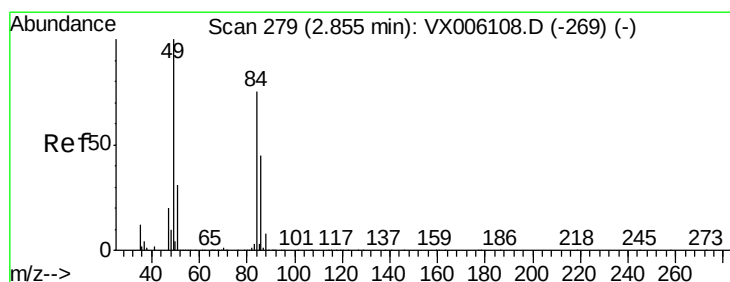
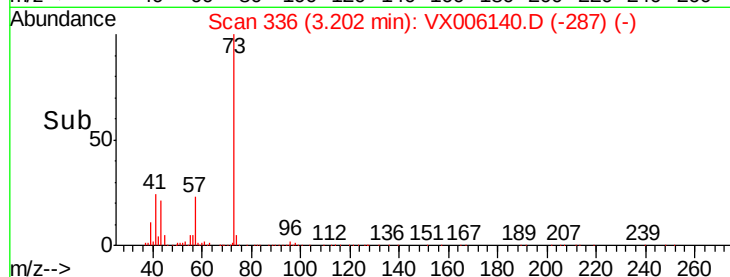
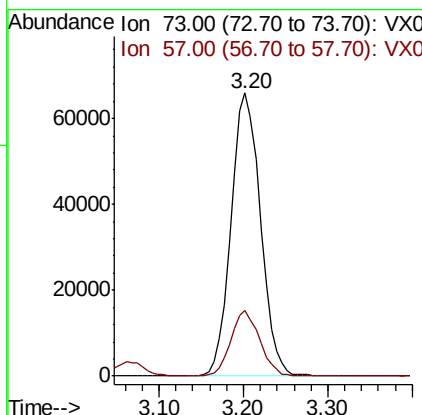
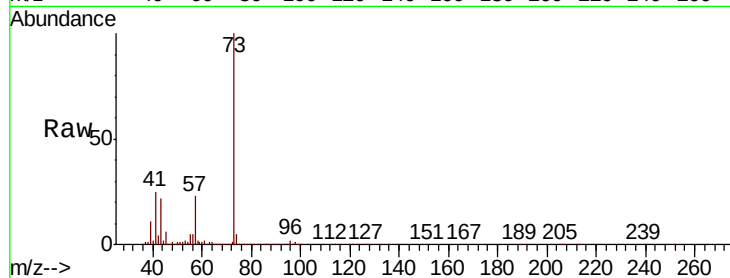
#19
Methyl tert-butyl Ether
Concen: 20.370 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.2	27.4

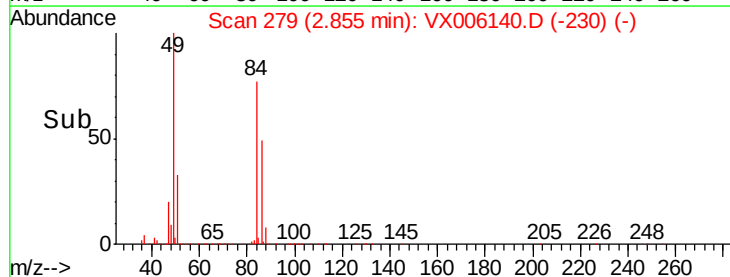
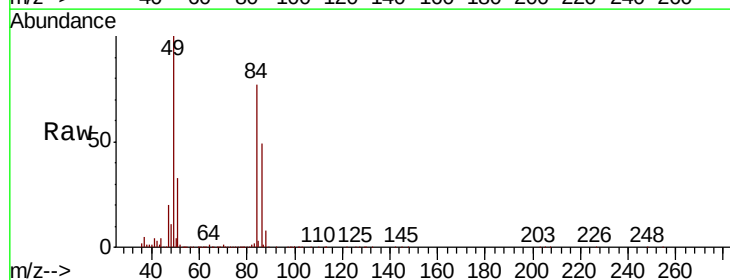
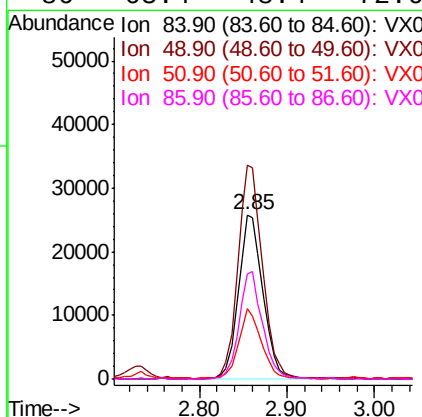
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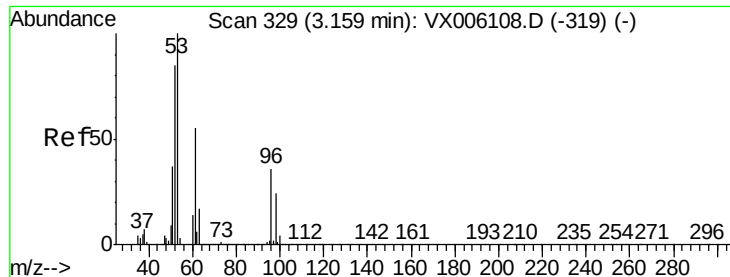
MMDadoda
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#20
Methylene Chloride
Concen: 20.899 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.5	106.6	159.8
51	41.9	32.6	49.0
86	63.4	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 20.447 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

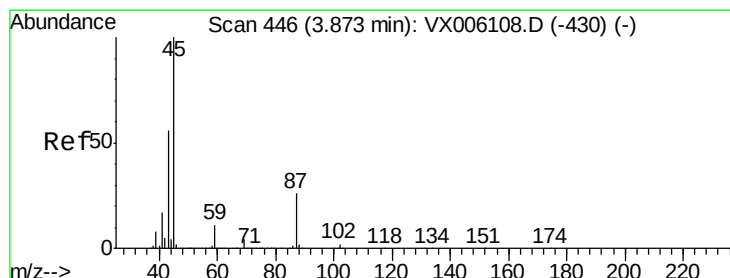
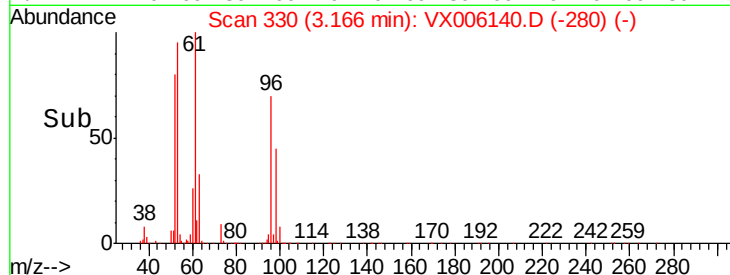
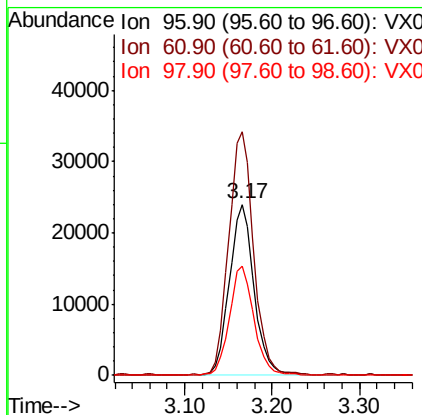
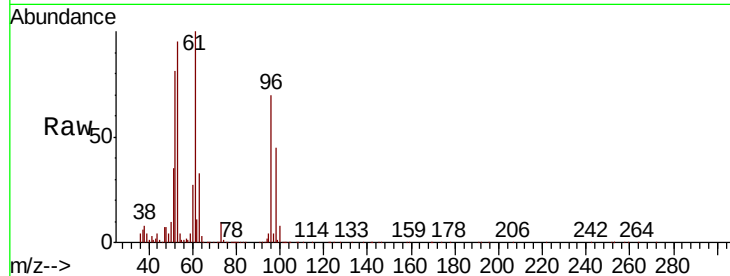
ClientSampleId :

VX1121WBS02

Tot Ion:	96	Resp:	47313
Ion	Ratio	Lower	Upper
96	100		
61	141.7	122.0	183.0
98	63.7	52.7	79.1

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#22

Diisopropyl ether

Concen: 20.836 ug/l

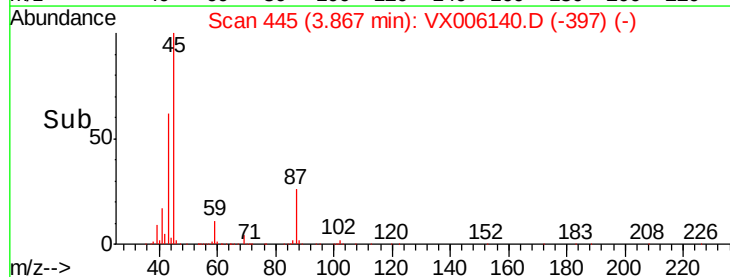
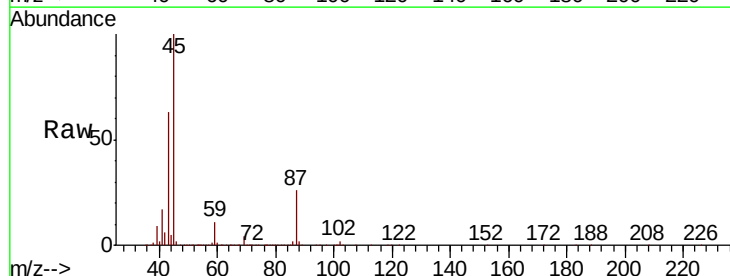
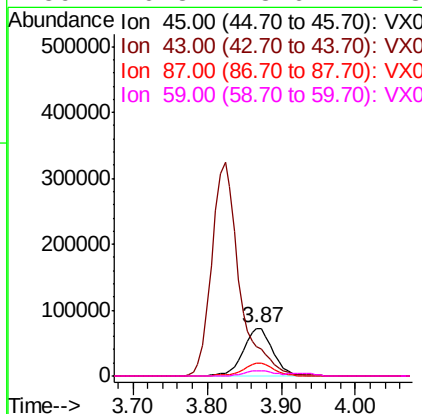
RT: 3.87 min Scan# 445

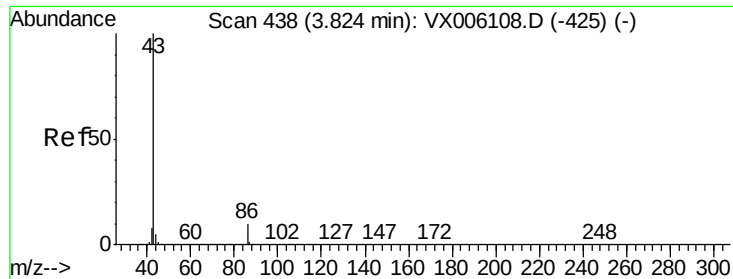
Delta R.T. -0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	45	Resp:	201822
Ion	Ratio	Lower	Upper
45	100		
43	62.0	45.8	68.8
87	26.3	21.0	31.4
59	10.8	8.6	12.8





#23

Vinyl Acetate

Concen: 104.182 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 43 Resp: 837210

Ion Ratio Lower Upper

43 100

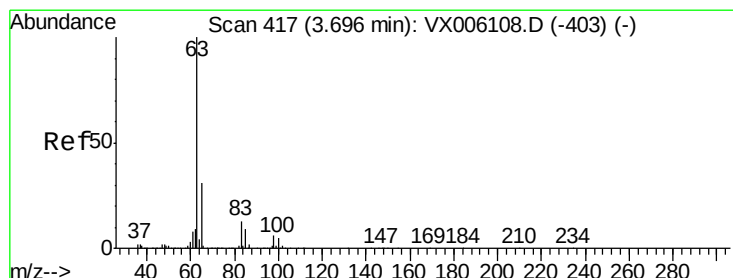
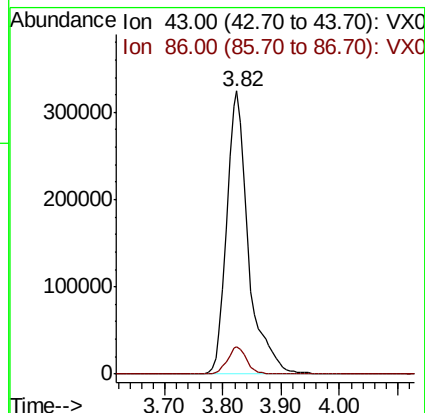
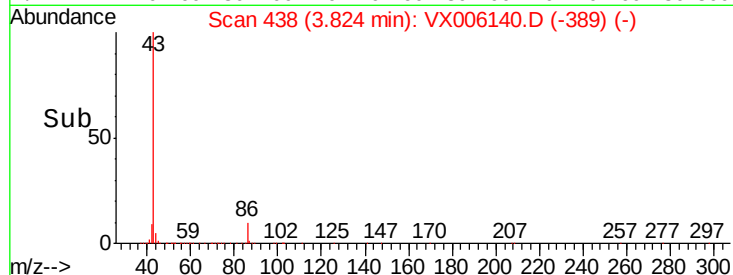
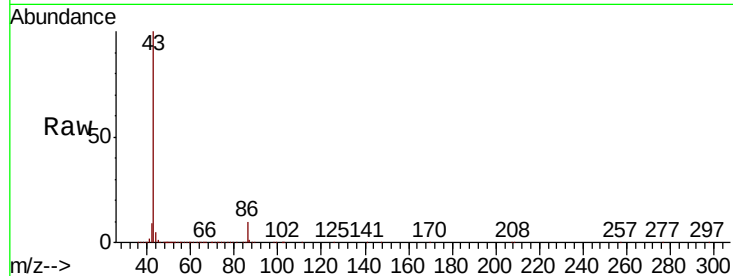
86 9.7 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 19.437 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

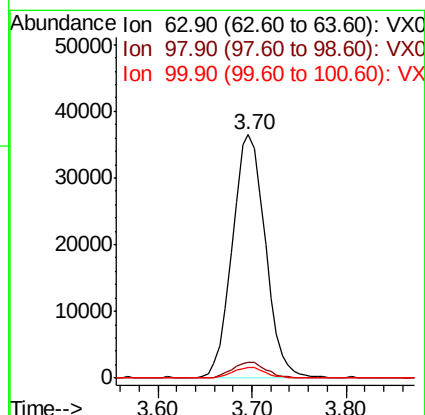
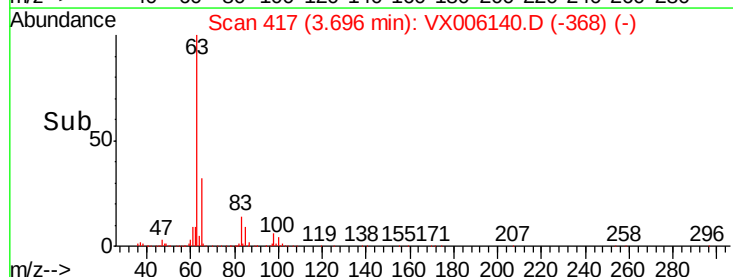
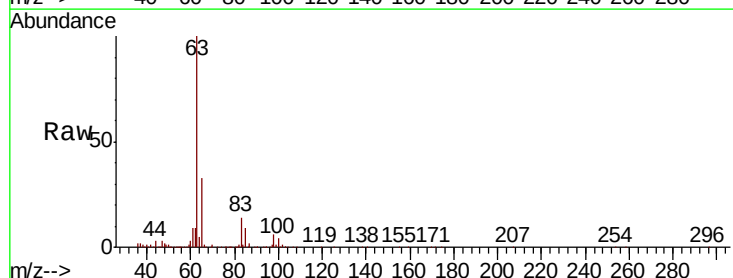
Tgt Ion: 63 Resp: 88699

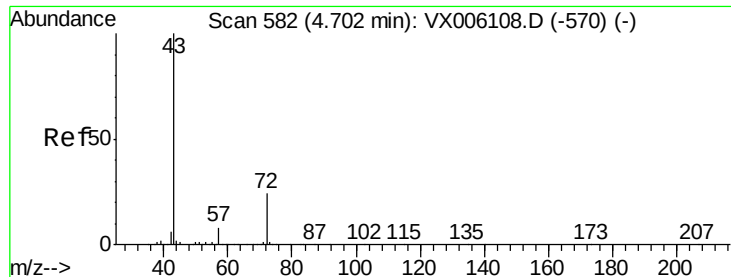
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 97.941 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 43 Resp: 286304

Ion Ratio Lower Upper

43 100

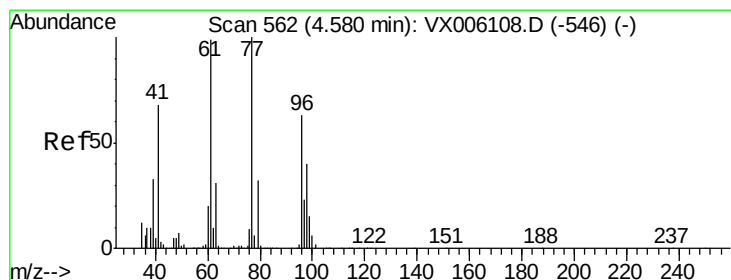
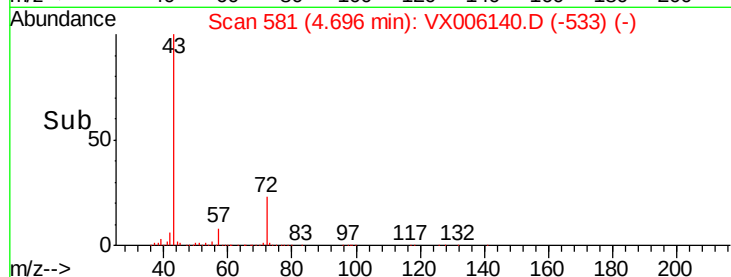
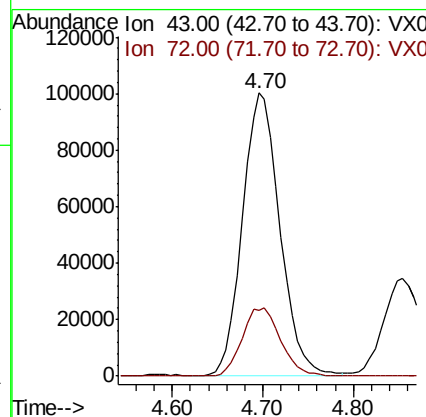
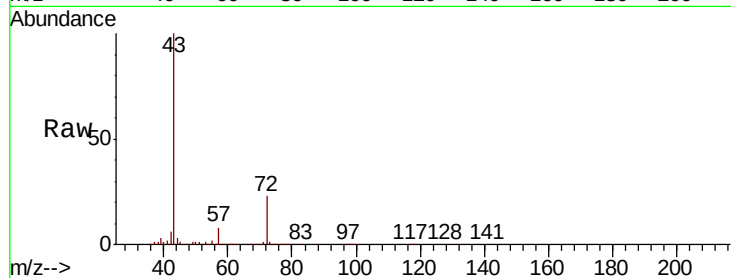
72 23.1 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.107 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006140.D

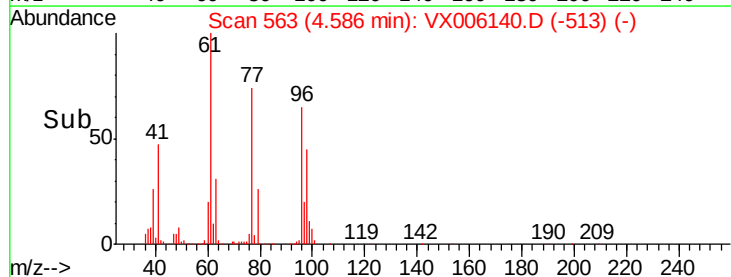
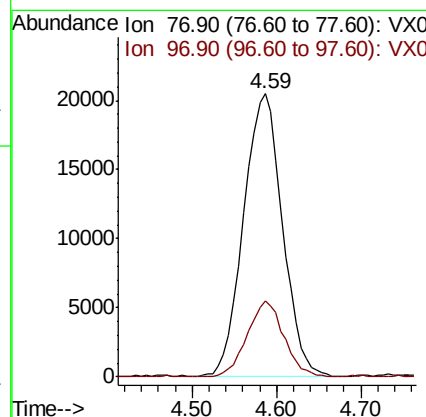
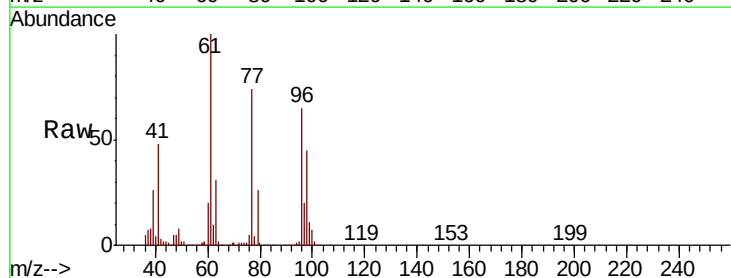
Acq: 21 Nov 2018 23:38

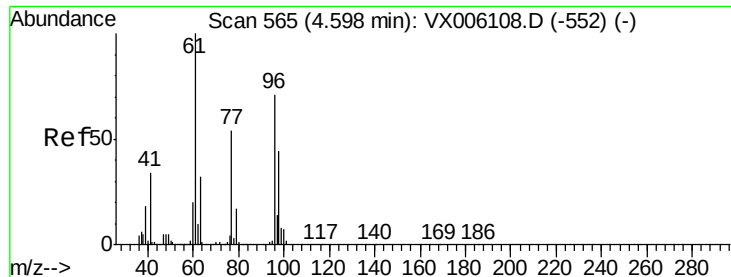
Tgt Ion: 77 Resp: 64340

Ion Ratio Lower Upper

77 100

97 25.4 11.9 35.5





#27

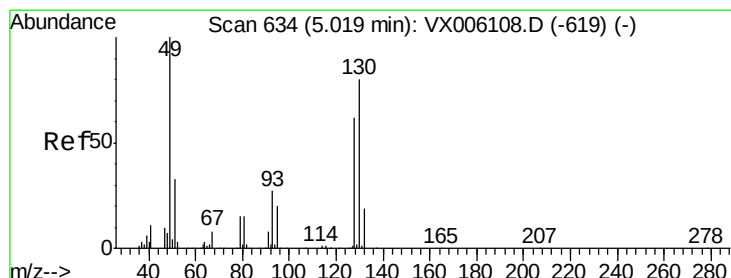
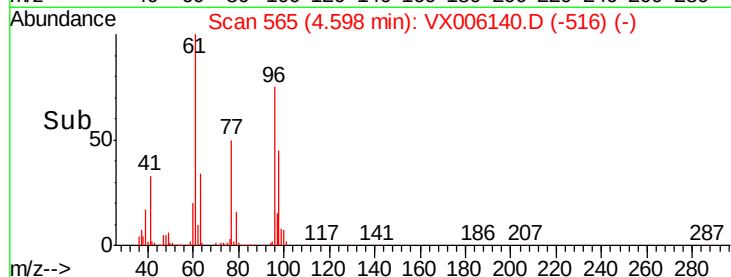
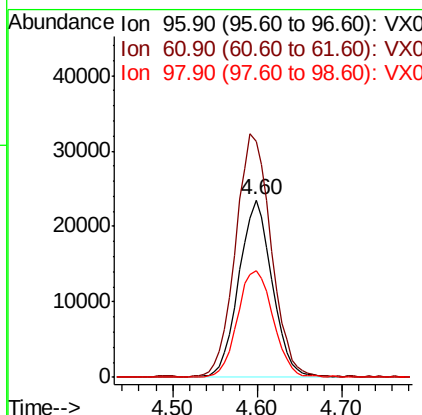
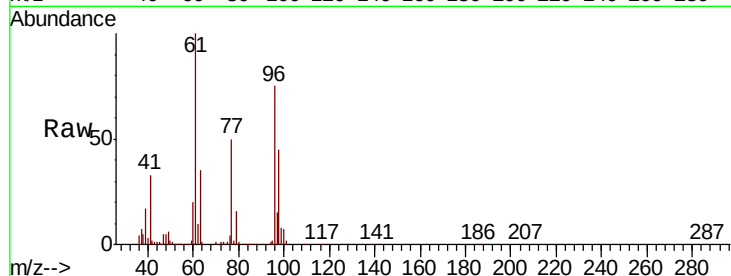
cis-1,2-Dichloroethene
Concen: 19.442 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	291.6
98	64.5	0.0	128.2

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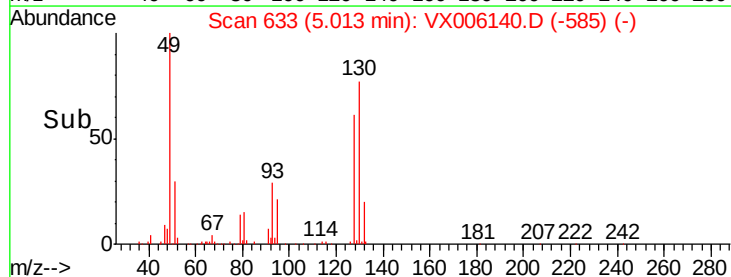
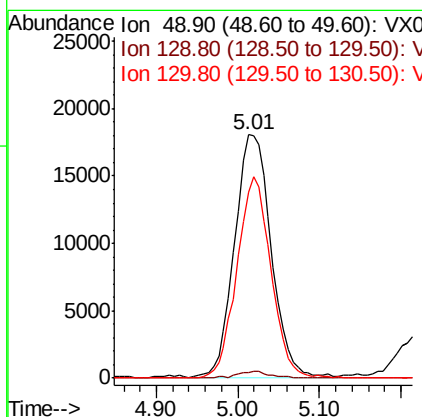
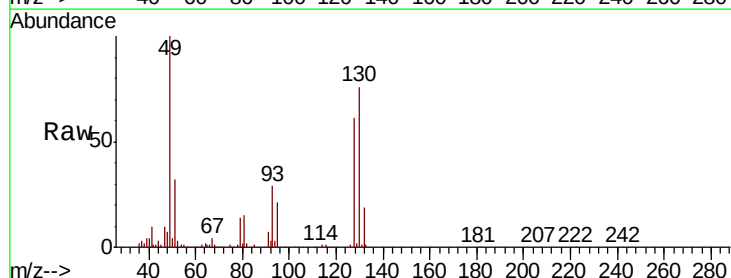
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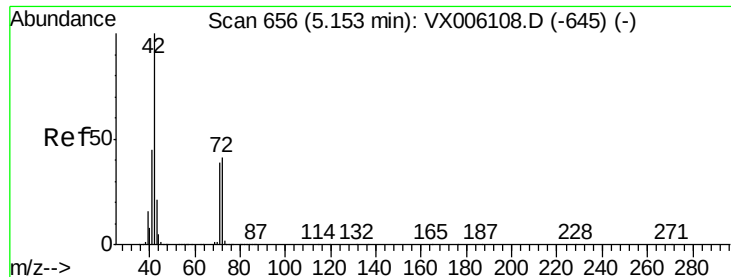


#28

Bromochloromethane
Concen: 20.995 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	77.5	61.6	92.4





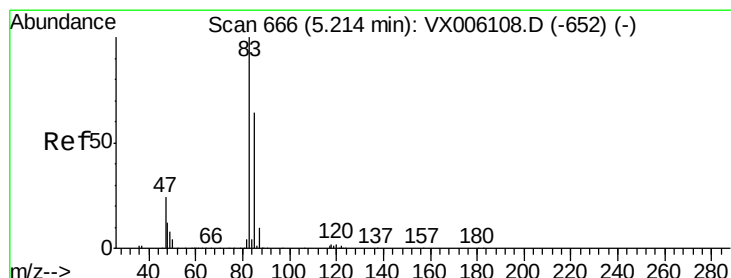
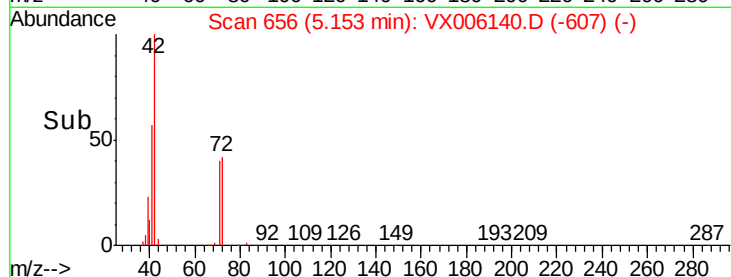
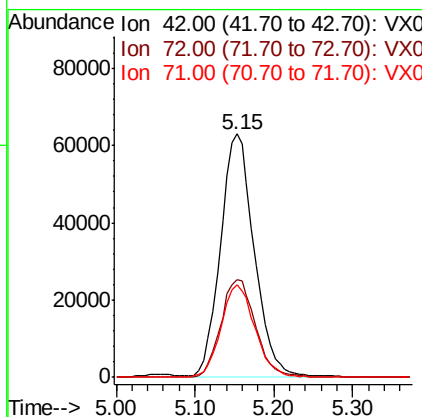
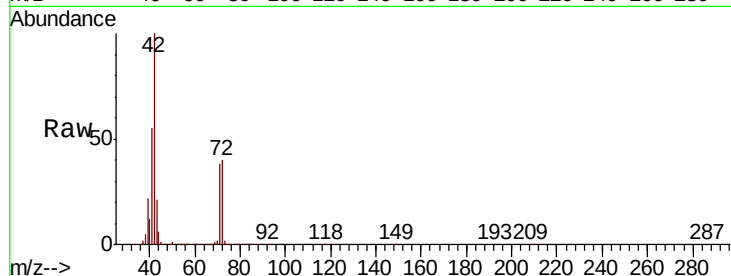
#29
Tetrahydrofuran
Concen: 101.917 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.0	49.6
71	38.7	31.0	46.4

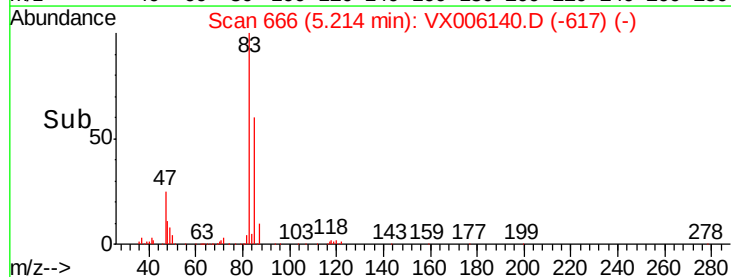
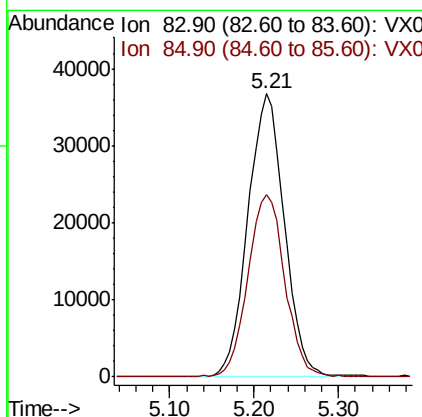
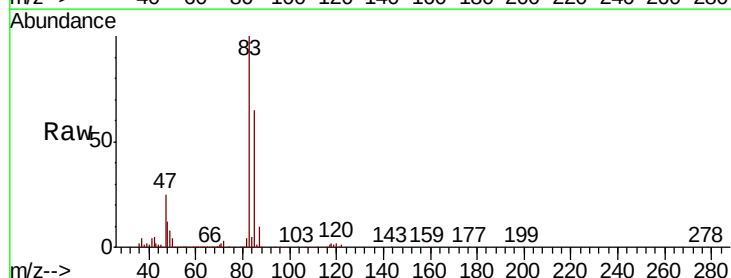
Manual Integrations
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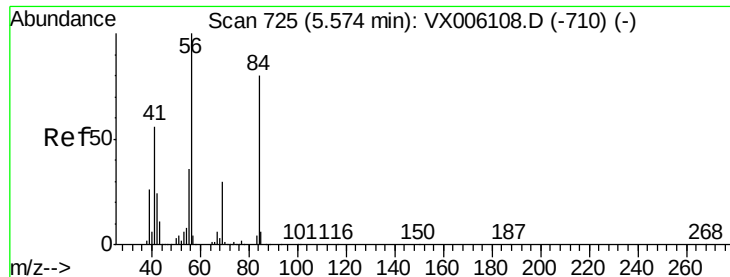
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#30
Chloroform
Concen: 19.614 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.4





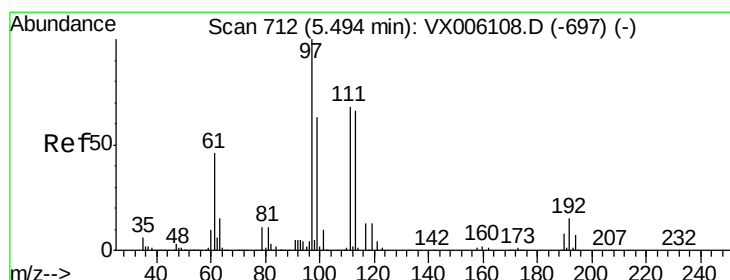
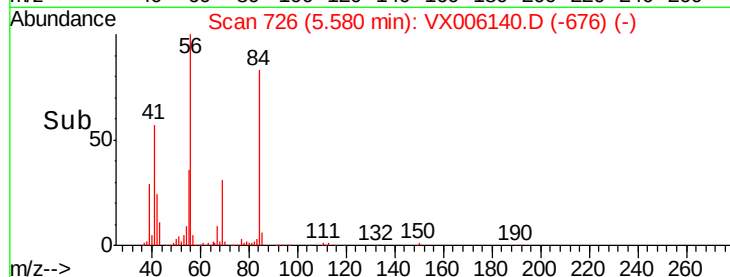
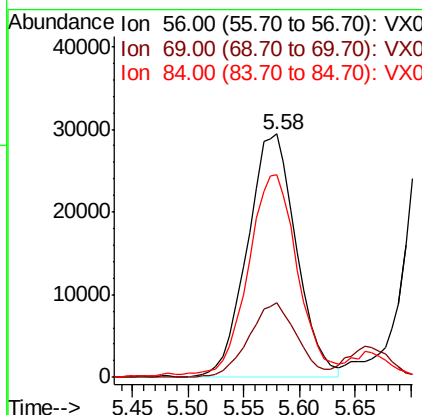
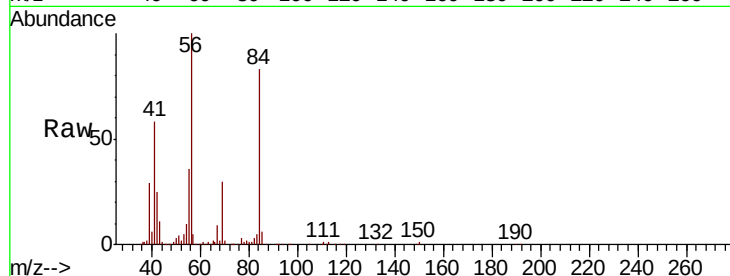
#31
Cyclohexane
Concen: 18.815 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.9	35.9
84	81.4	63.6	95.4

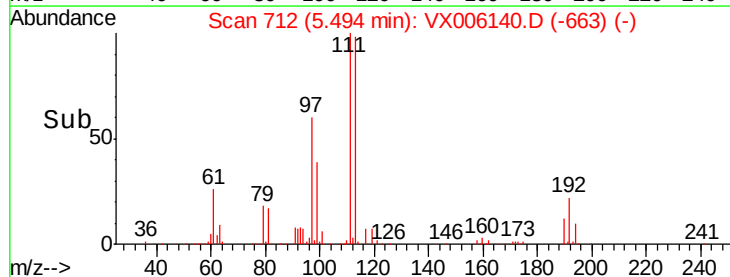
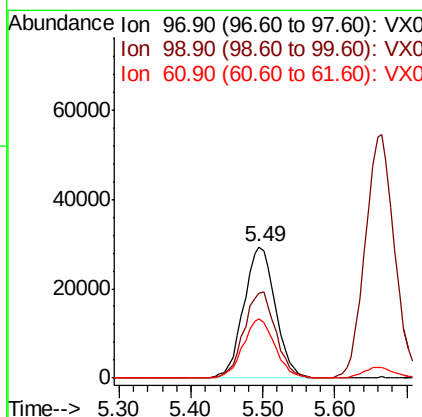
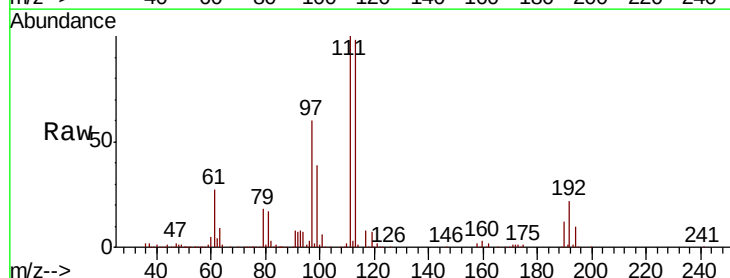
Manual Integrations
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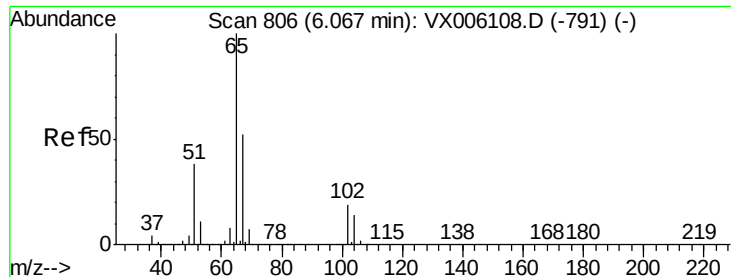
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#32
1,1,1-Trichloroethane
Concen: 20.091 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.6	77.4
61	44.6	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 51.483 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 65 Resp: 182720

Ion Ratio Lower Upper

65 100

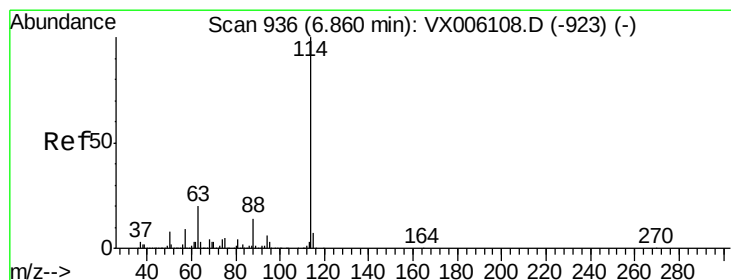
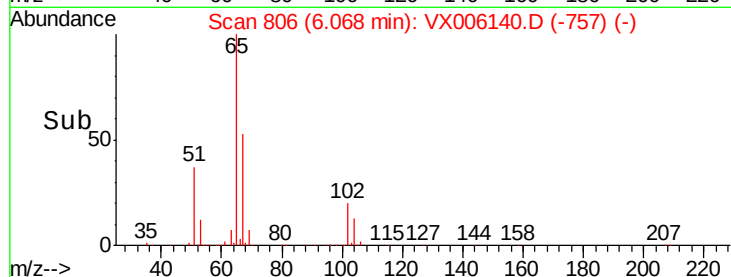
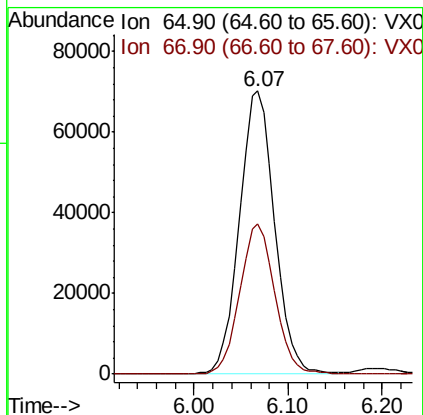
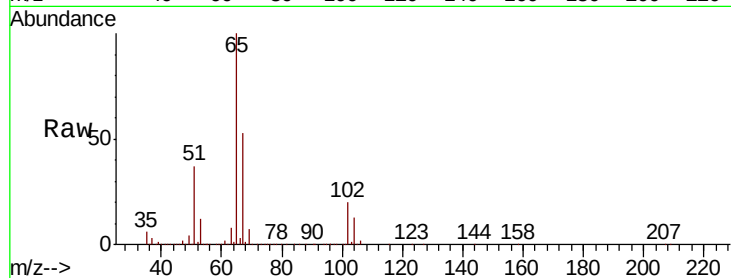
67 52.6 0.0 105.8

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: VX006140.D

Acq: 21 Nov 2018 23:38

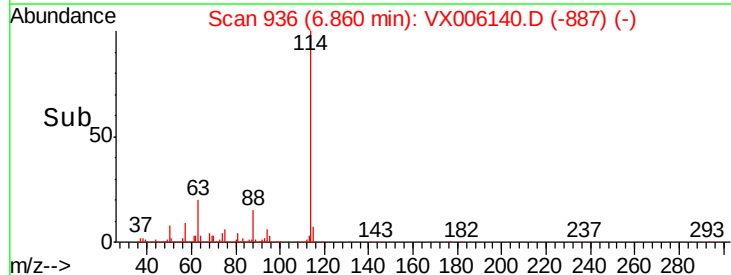
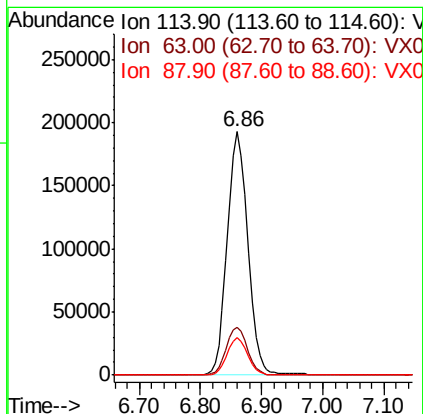
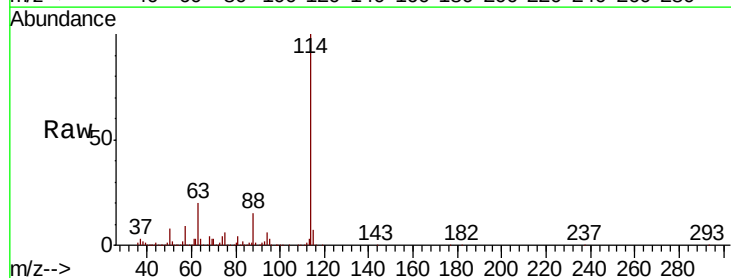
Tgt Ion: 114 Resp: 448576

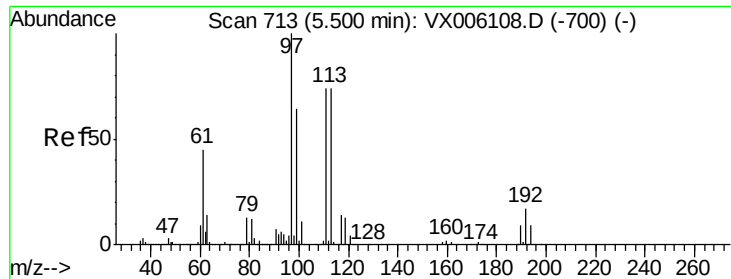
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 15.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 50.924 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

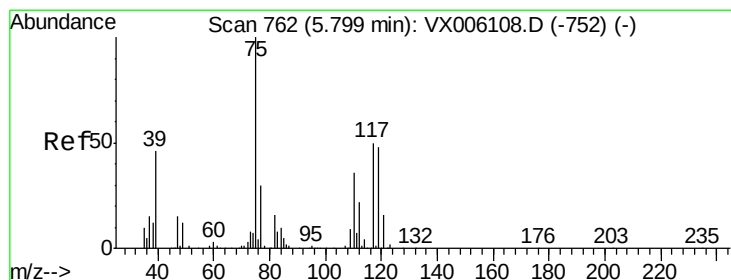
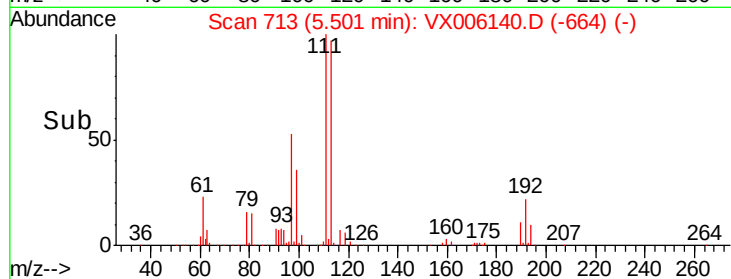
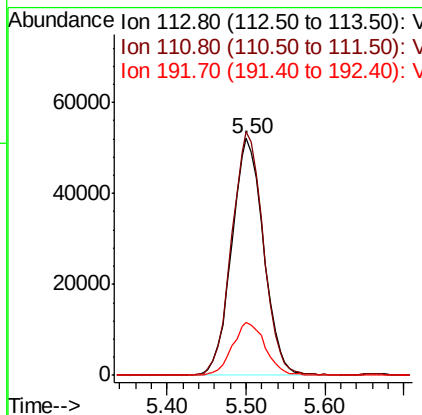
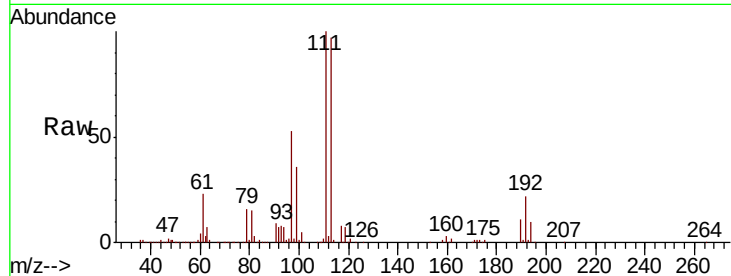
ClientSampleId :

VX1121WBS02

Tot Ion:	113	Resp:	146635
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.5	122.3
192	23.0	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.943 ug/l

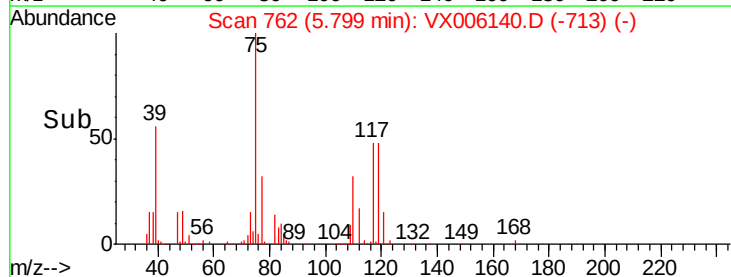
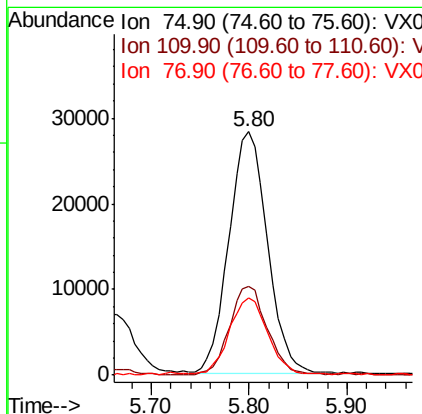
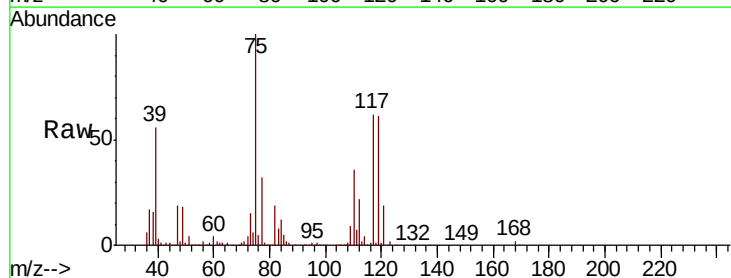
RT: 5.80 min Scan# 762

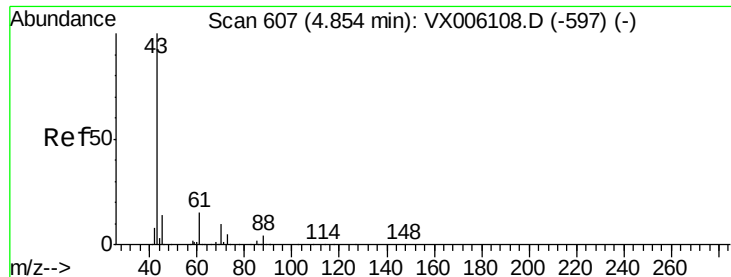
Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	75	Resp:	77304
Ion Ratio	Lower	Upper	
75	100		
110	36.3	17.8	53.3
77	31.4	24.5	36.7





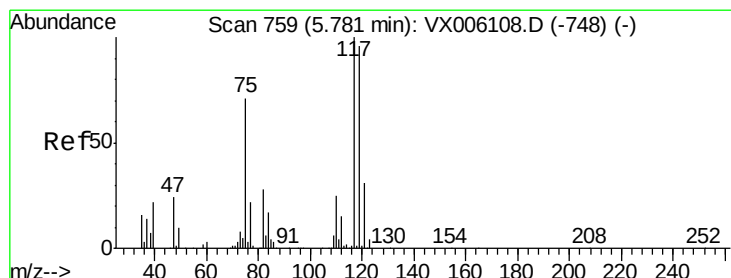
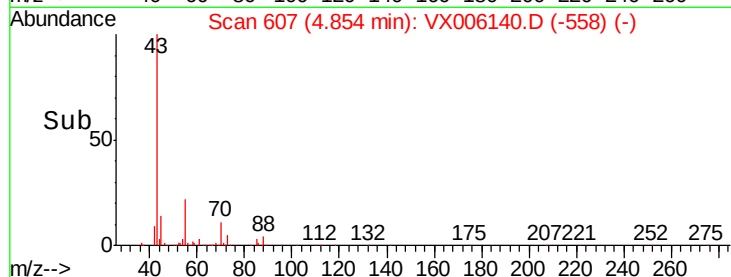
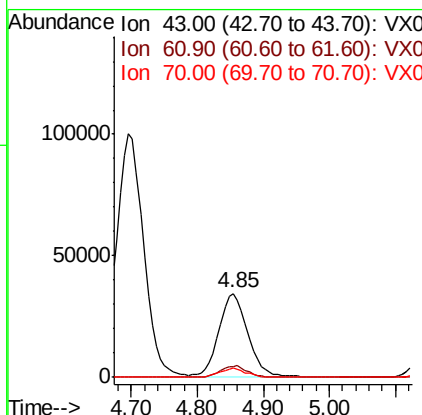
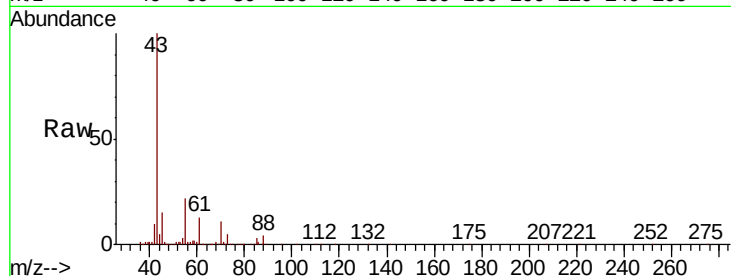
#37
Ethyl Acetate
Concen: 19.807 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.5	15.7
70	9.9	7.9	11.9

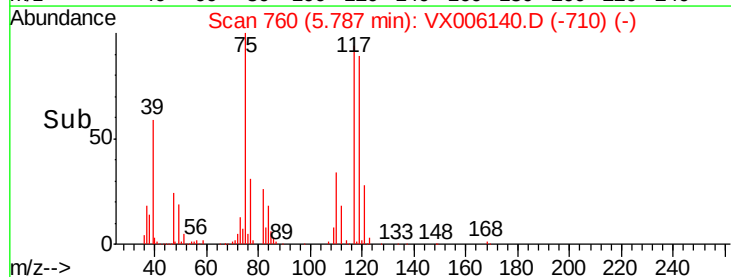
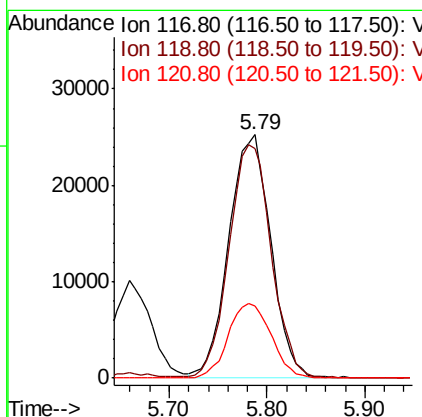
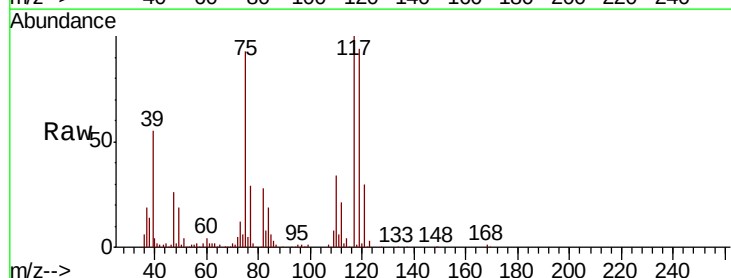
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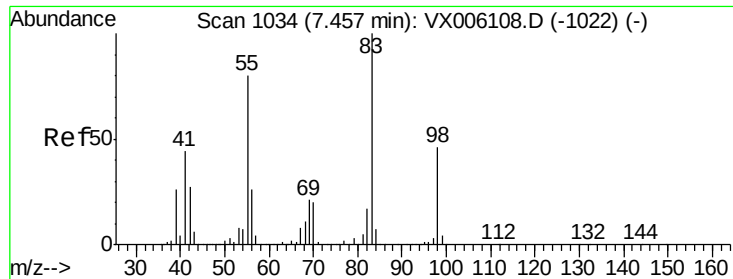
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#38
Carbon Tetrachloride
Concen: 19.534 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.3	114.5
121	29.7	24.7	37.1





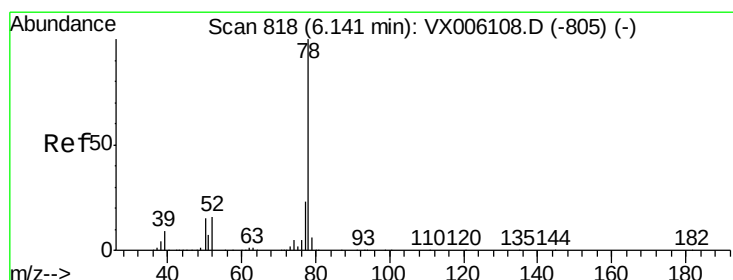
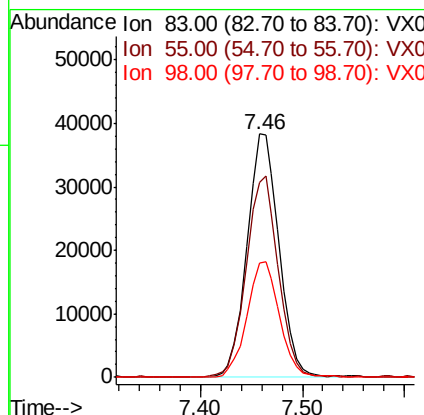
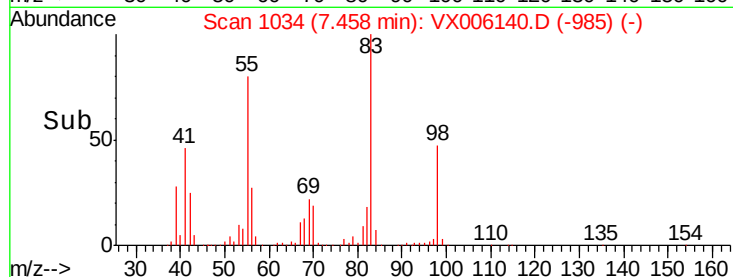
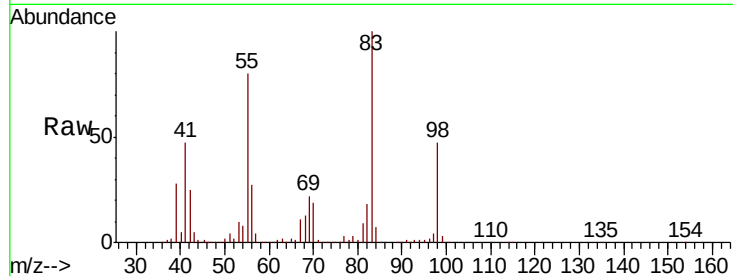
#39
Methylvlcyclohexane
Concen: 18.023 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.9	95.9
98	47.2	36.8	55.2

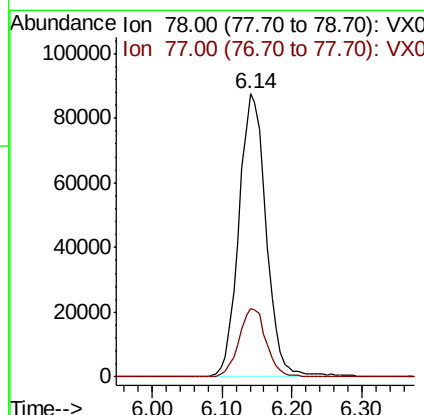
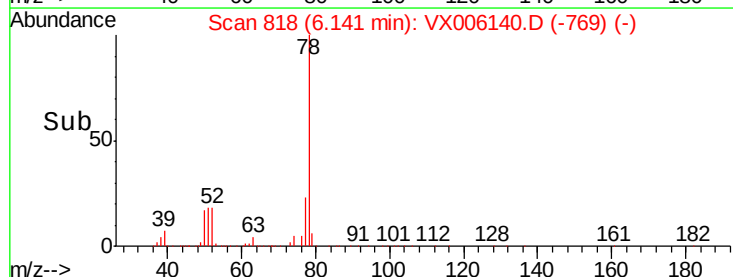
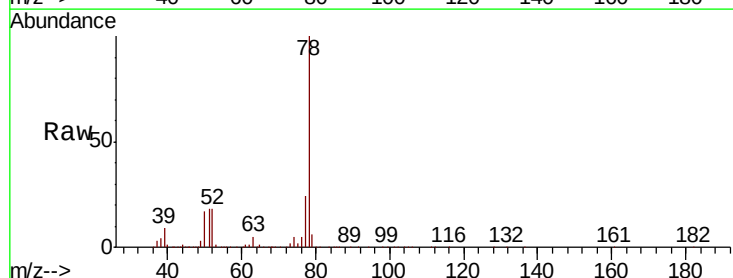
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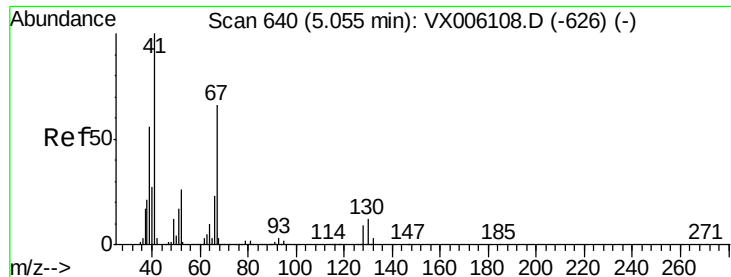
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#40
Benzene
Concen: 19.708 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2





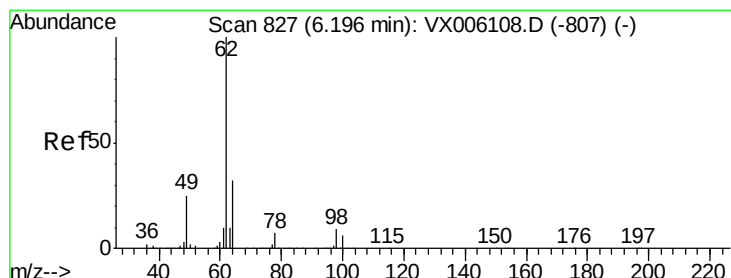
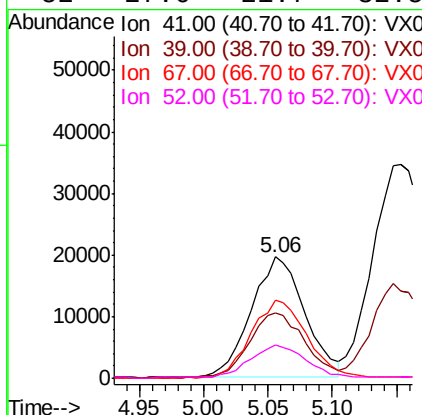
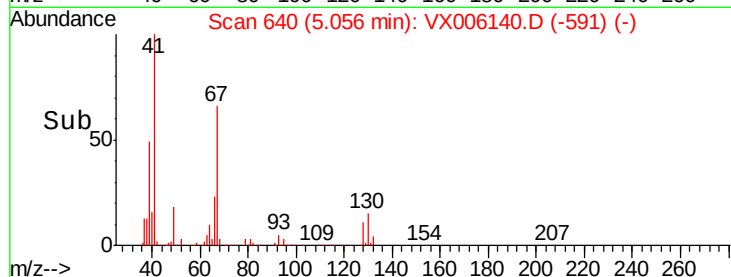
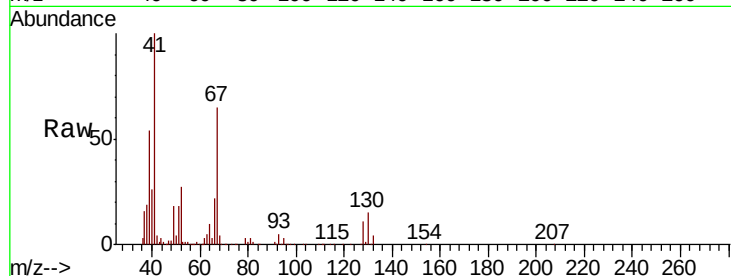
#41
Methacrylonitrile
Concen: 19.538 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	44.1	66.1	
67	68.4	54.1	81.1	
52	27.6	21.7	32.5	

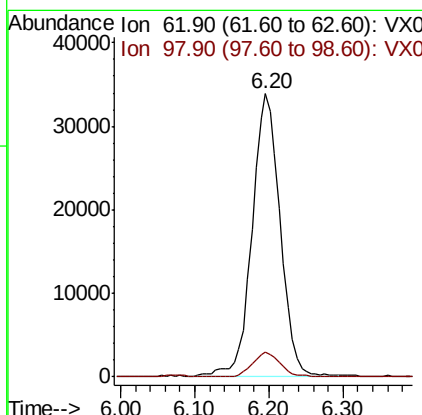
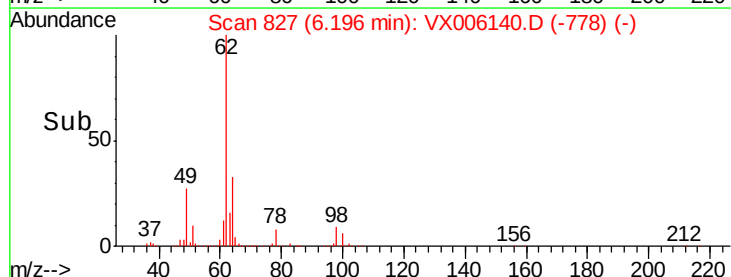
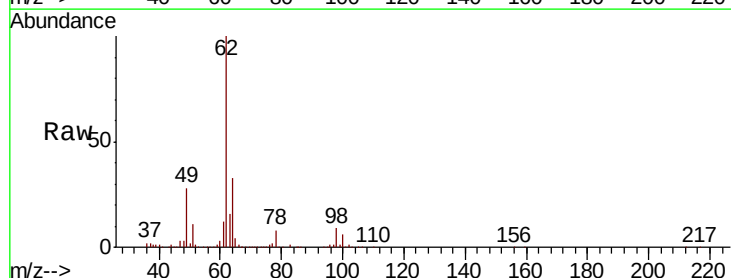
Manual Integrations
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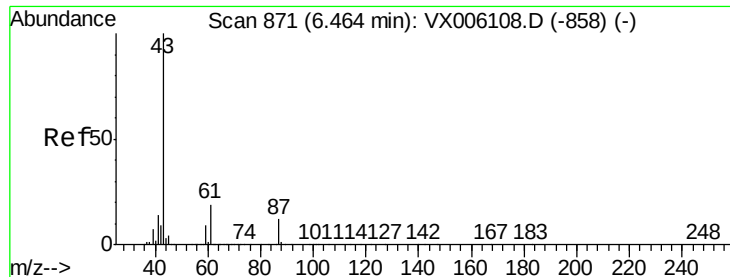
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.881 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.8	





#43

Isopropyl Acetate

Concen: 19.809 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

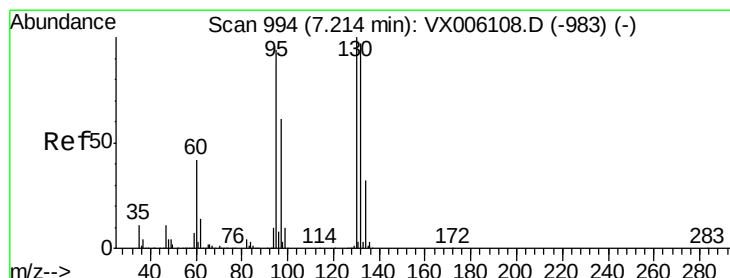
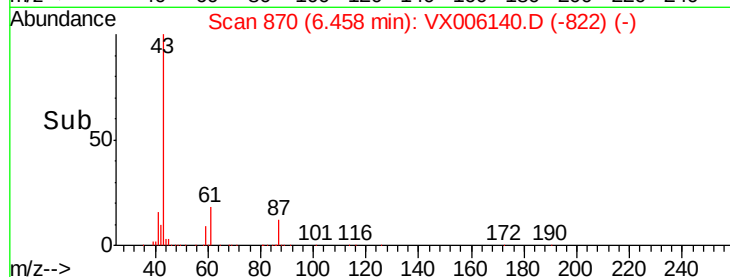
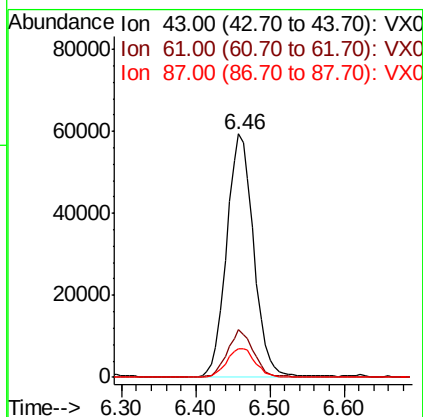
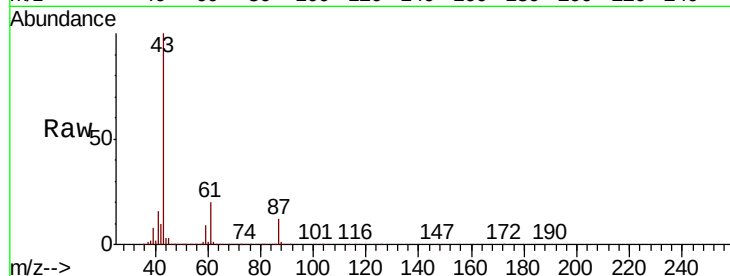
ClientSampleId :

VX1121WBS02

Tot Ion:	43	Resp:	150203
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.4	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.480 ug/l

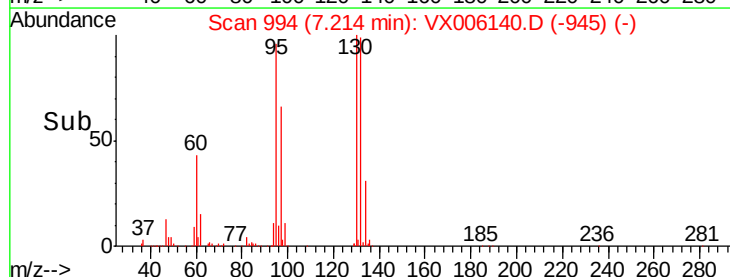
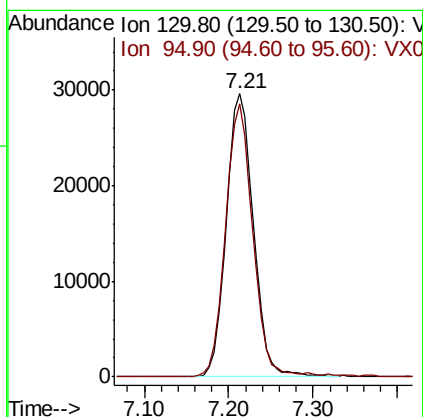
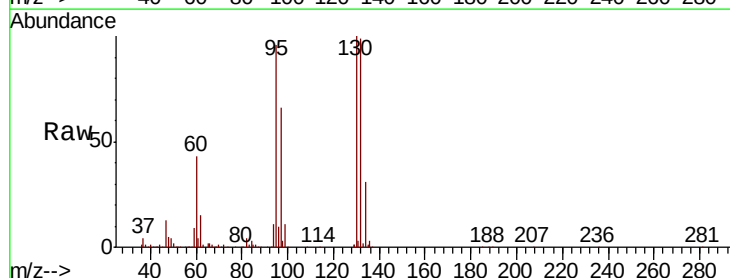
RT: 7.21 min Scan# 994

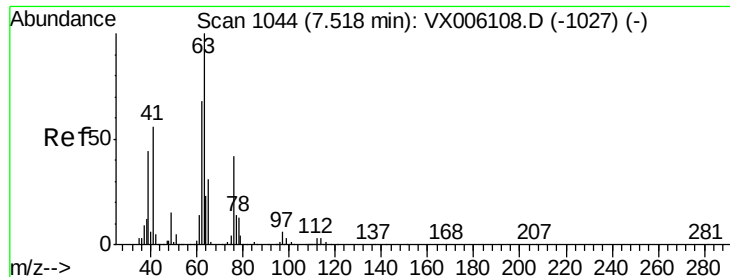
Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	130	Resp:	65095
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	188.8





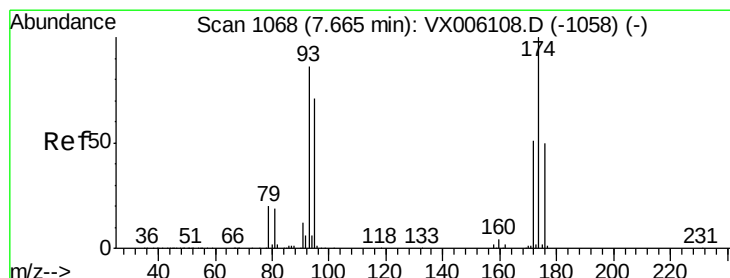
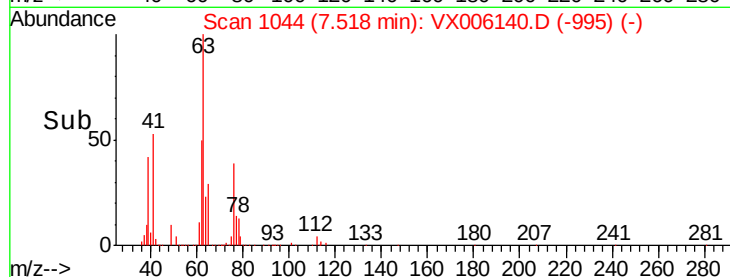
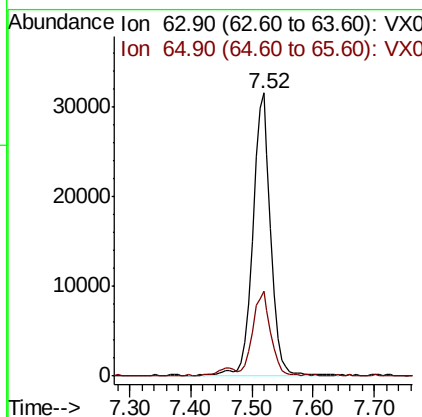
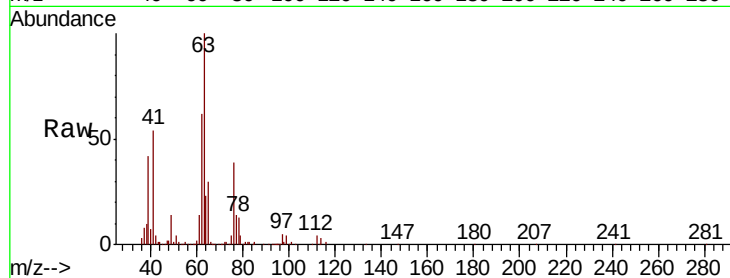
#45
 1,2-Dichloropropane
 Concen: 20.516 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006140.D
 Acq: 21 Nov 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.8	37.2

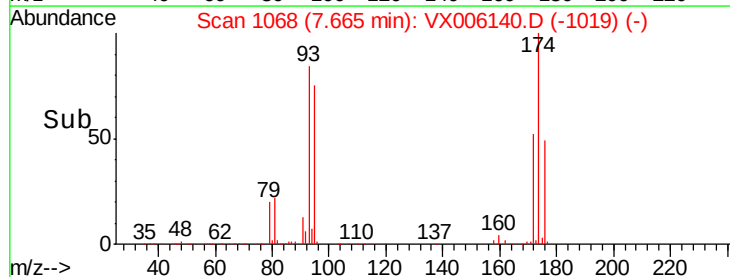
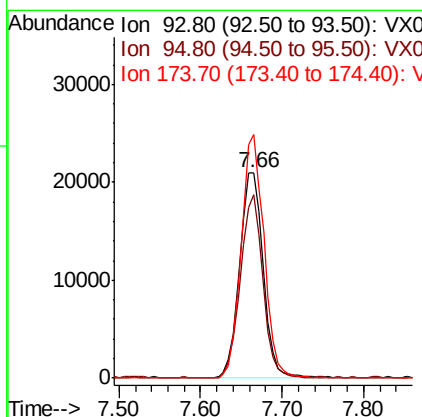
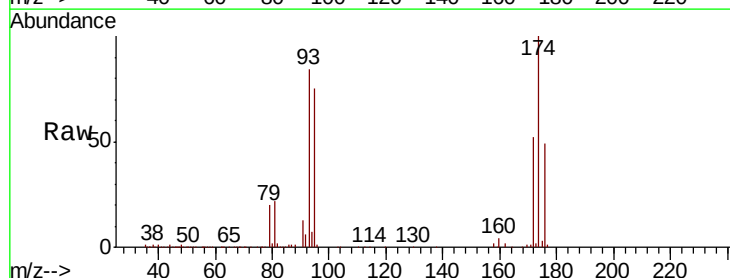
Manual Integrations
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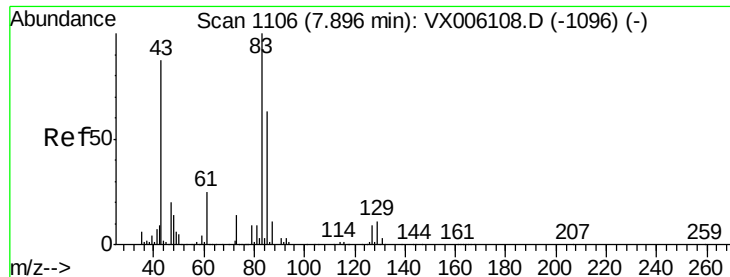
MMDadoda
 11/26/2018 9:48:51 AM



#46
 Dibromomethane
 Concen: 19.208 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX006140.D
 Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	66.3	99.5
174	114.5	91.0	136.6





#47

Bromodichloromethane

Concen: 19.809 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

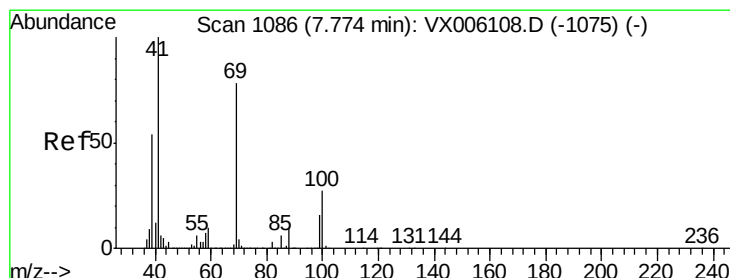
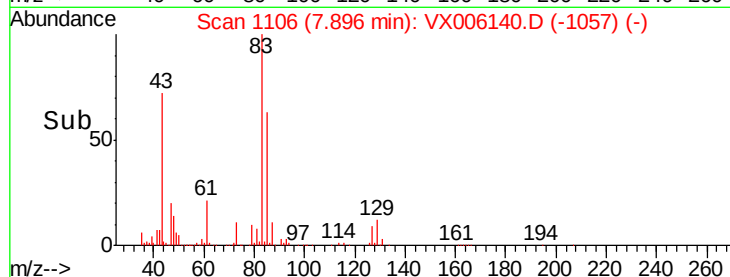
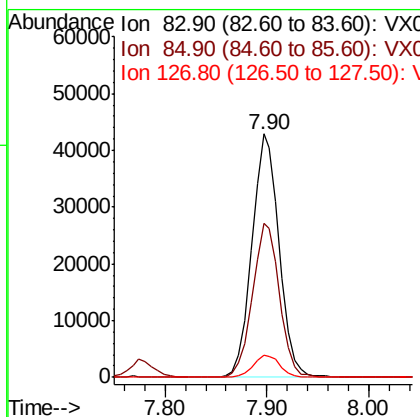
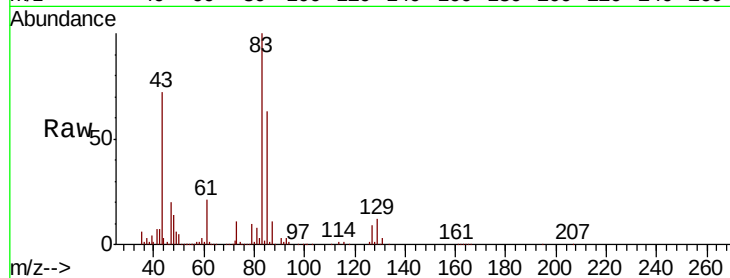
ClientSampleId :

VX1121WBS02

Tot Ion:	83	Resp:	79834
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.4	75.6
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.502 ug/l

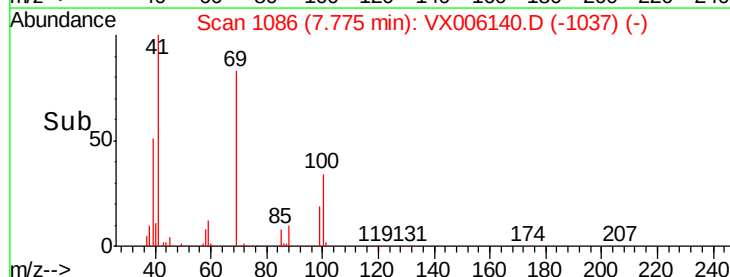
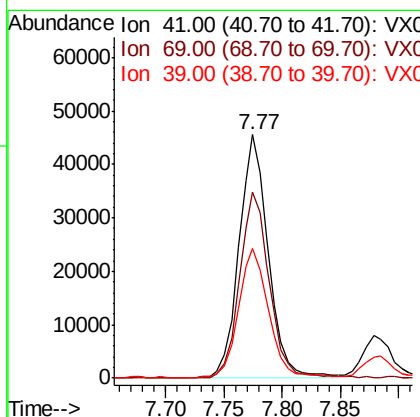
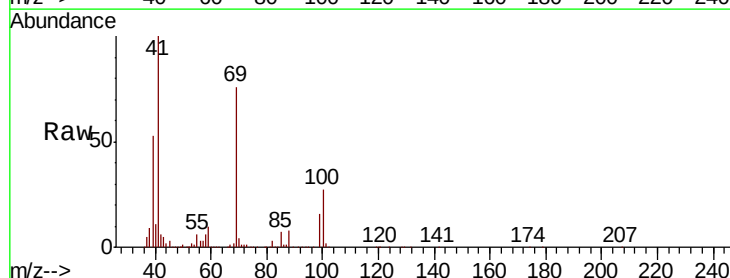
RT: 7.77 min Scan# 1086

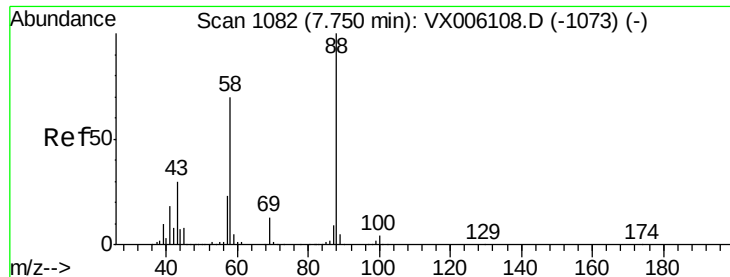
Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	41	Resp:	78841
Ion Ratio	Lower	Upper	
41	100		
69	77.9	62.8	94.2
39	56.3	43.8	65.6





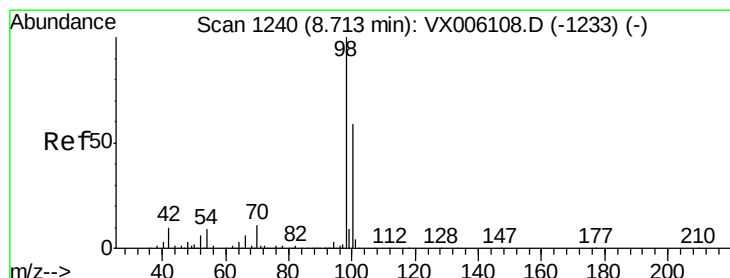
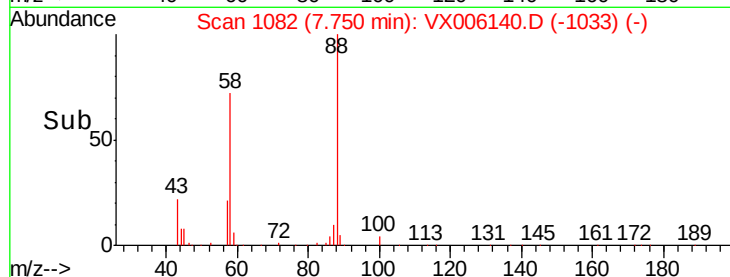
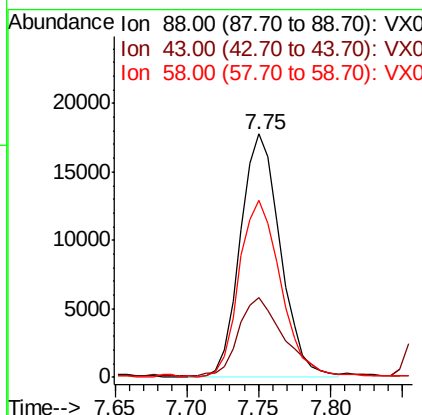
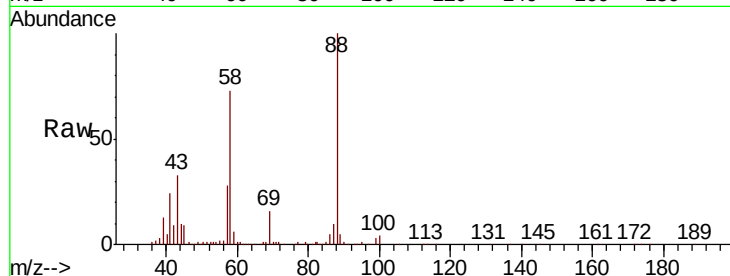
#49
1,4-Dioxane
Concen: 376.221 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	26.7	40.1
58	75.0	58.5	87.7

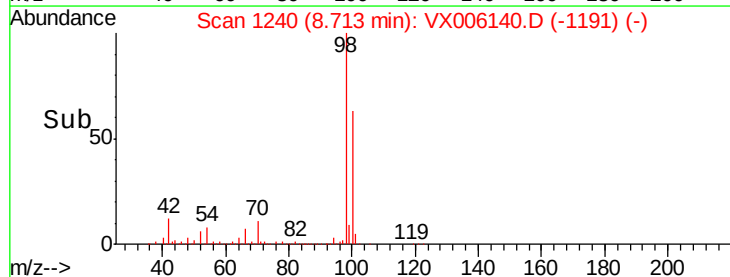
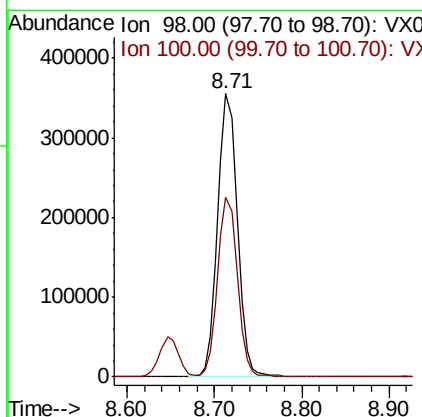
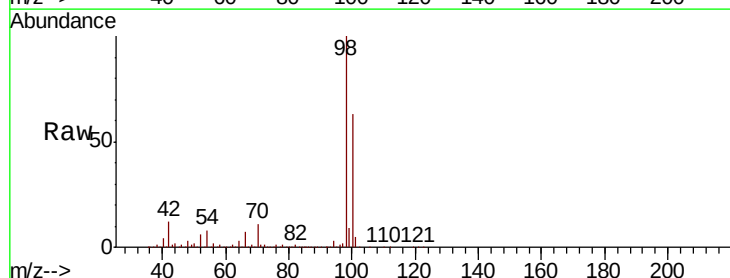
Manual Integrations
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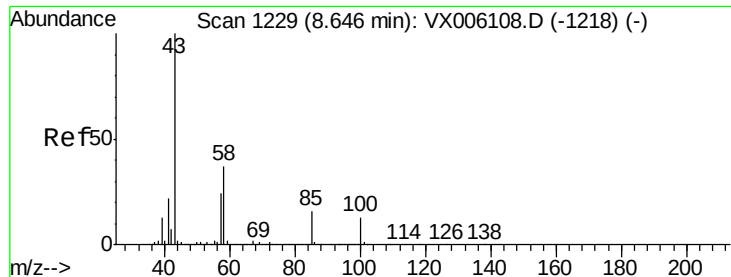
MMDadoda
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#50
Toluene-d8
Concen: 50.616 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 101.561 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 43 Resp: 552068

Ion Ratio Lower Upper

43 100

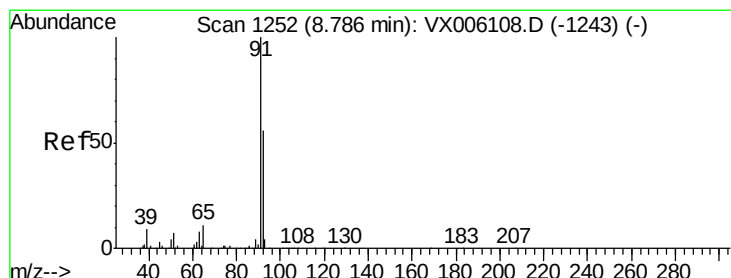
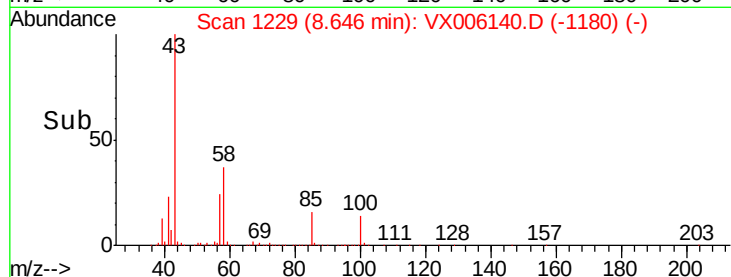
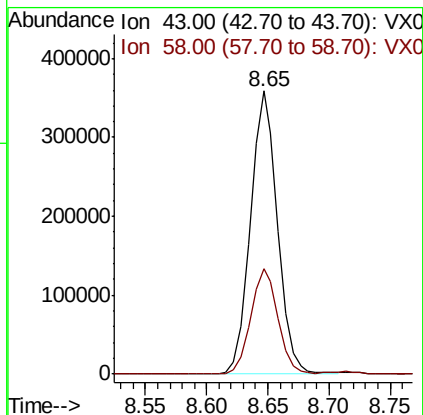
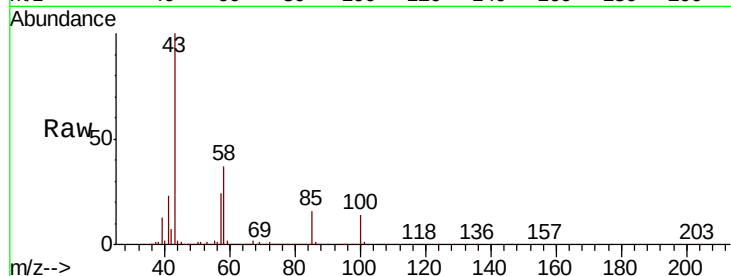
58 37.3 29.9 44.9

Manual Integrations

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11/26/2018 9:48:51 AM



#52

Toluene

Concen: 20.160 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006140.D

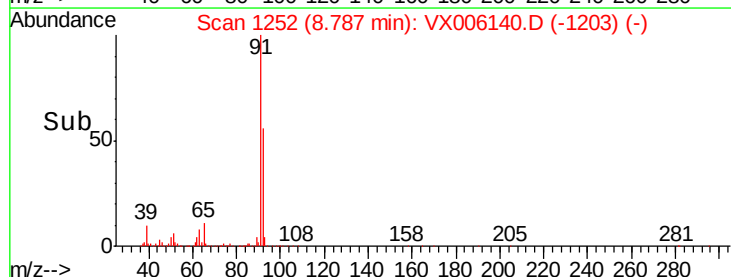
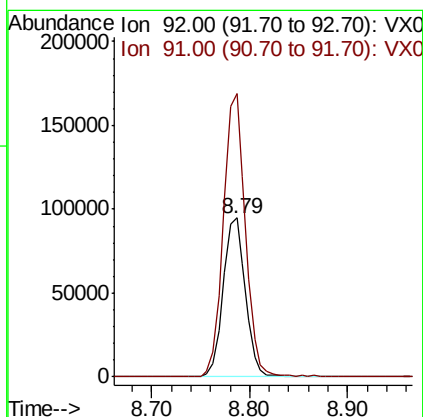
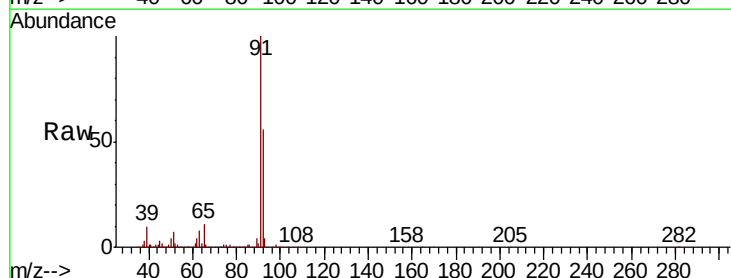
Acq: 21 Nov 2018 23:38

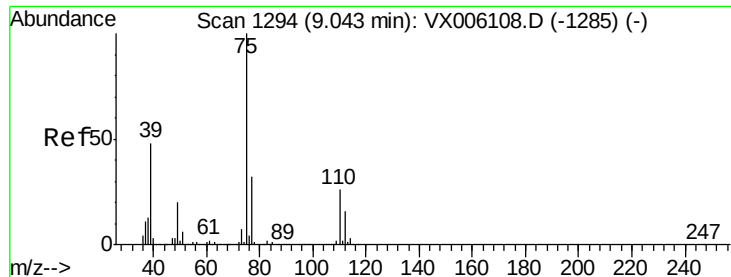
Tgt Ion: 92 Resp: 149920

Ion Ratio Lower Upper

92 100

91 175.5 142.5 213.7





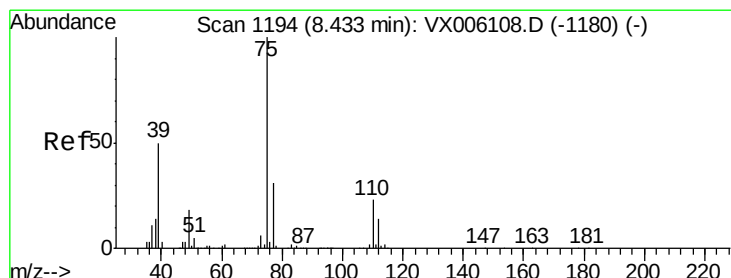
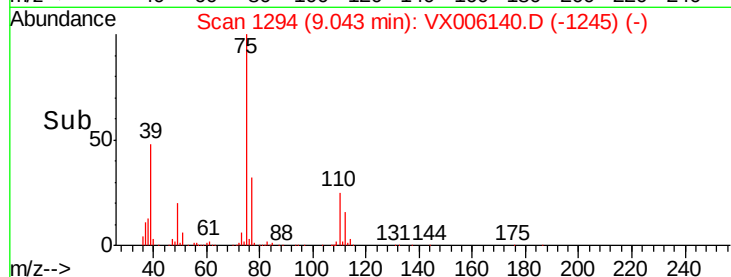
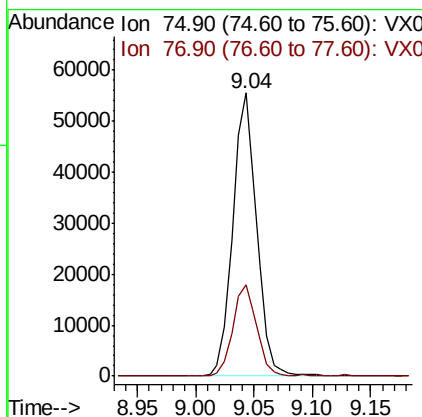
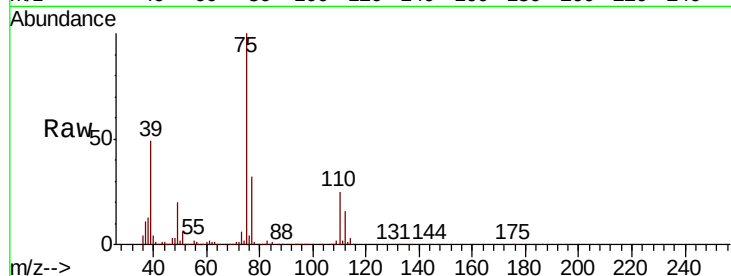
#53
t-1,3-Dichloropropene
Concen: 18.874 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion: 75 Resp: 79377
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5

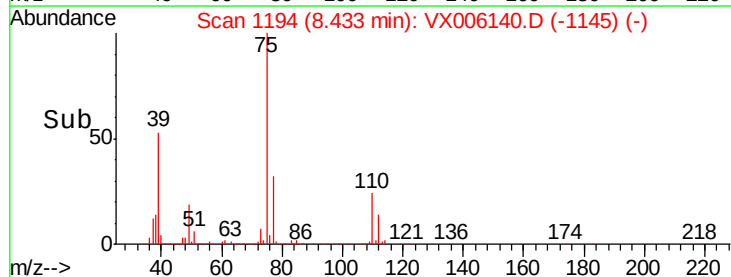
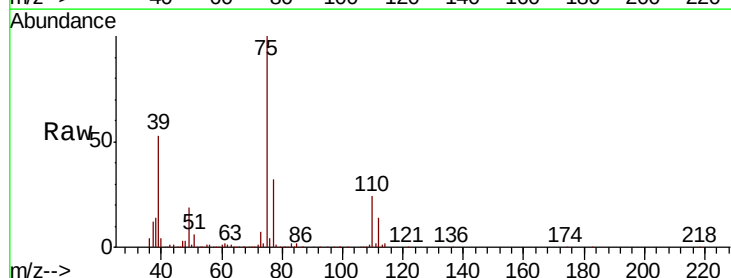
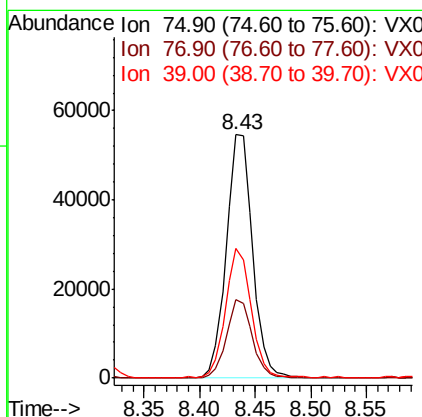
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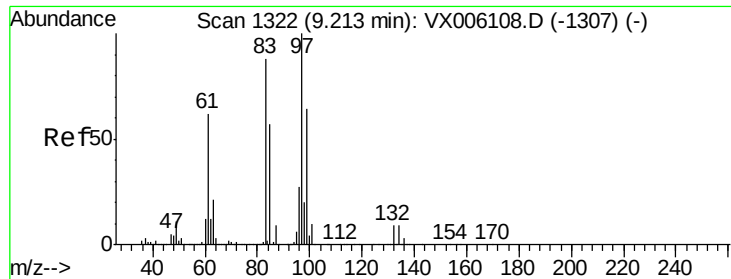
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.181 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion: 75 Resp: 89175
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 52.9 40.3 60.5





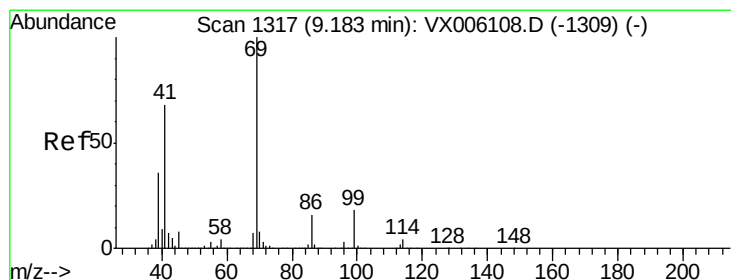
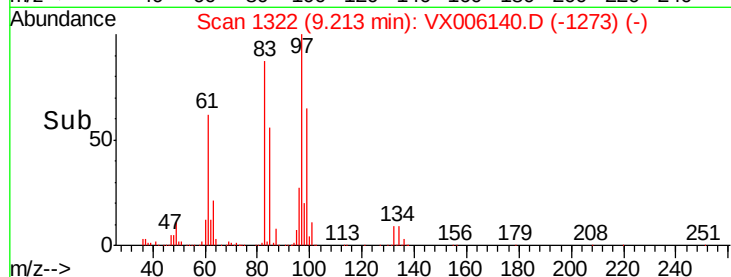
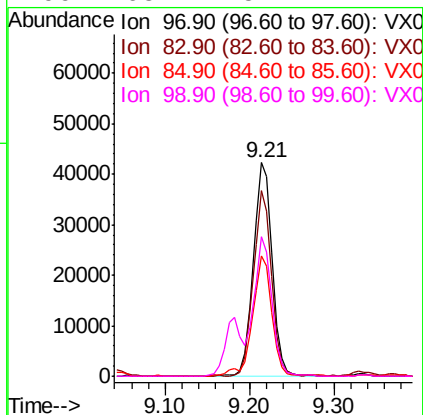
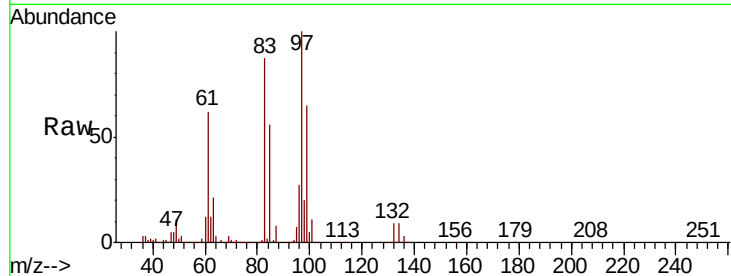
#55
 1,1,2-Trichloroethane
 Concen: 19.833 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006140.D
 Acq: 21 Nov 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	56.2	45.7	68.5
99	65.2	51.4	77.2

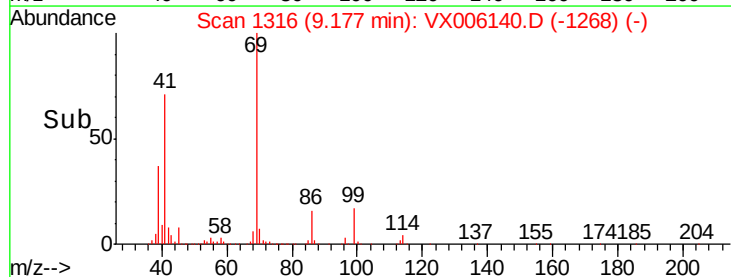
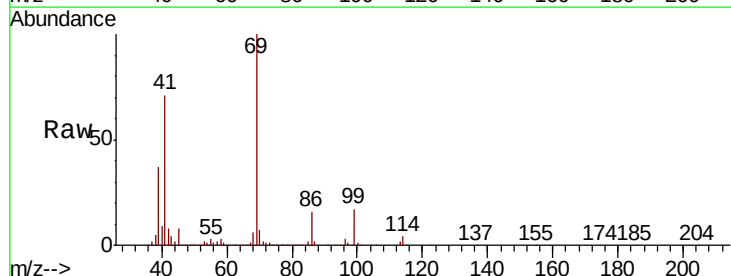
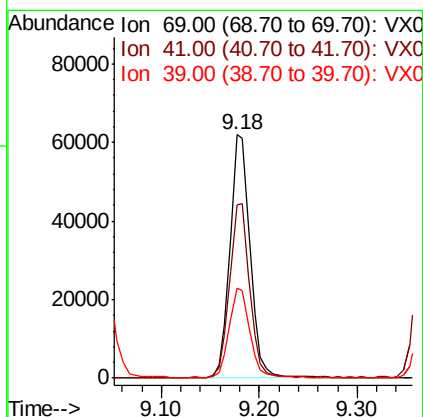
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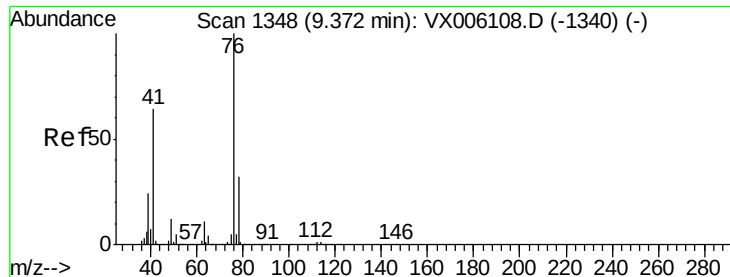
MMDadoda
 11/26/2018 9:48:51 AM



#56
 Ethyl methacrylate
 Concen: 19.605 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006140.D
 Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.2	84.4
39	36.9	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.936 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 76 Resp: 105837

Ion Ratio Lower Upper

76 100

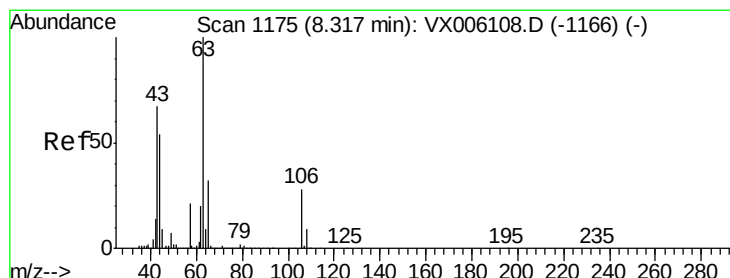
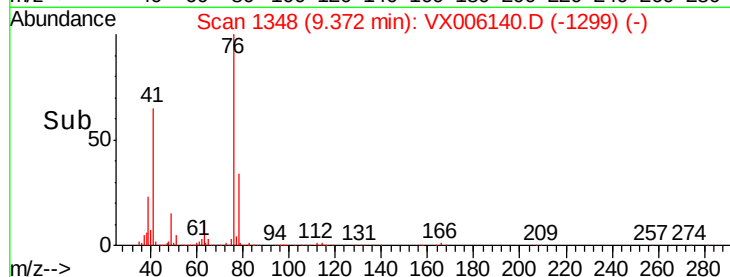
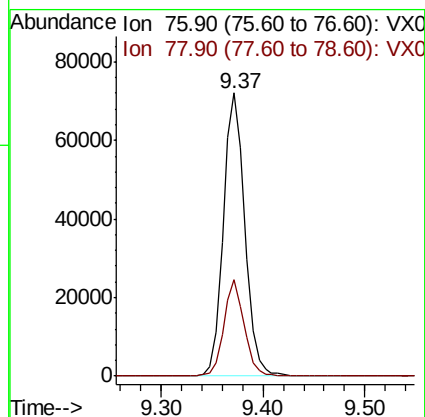
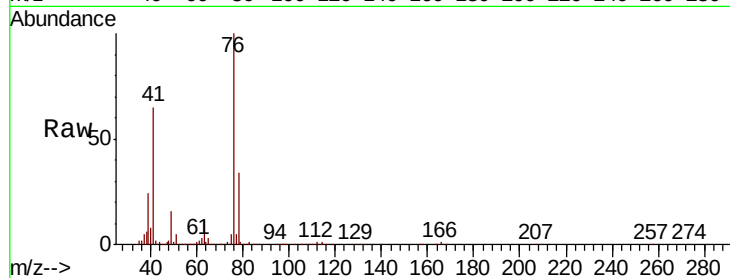
78 32.2 25.7 38.5

Manual Integrations

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11/26/2018 9:48:51 AM



#58

2-Chloroethyl Vinyl ether

Concen: 102.357 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006140.D

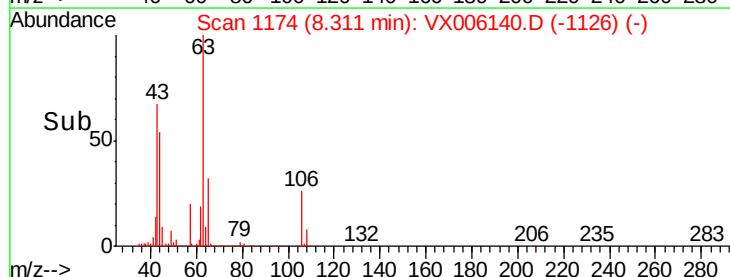
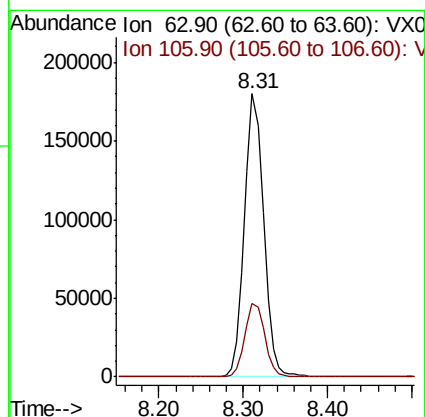
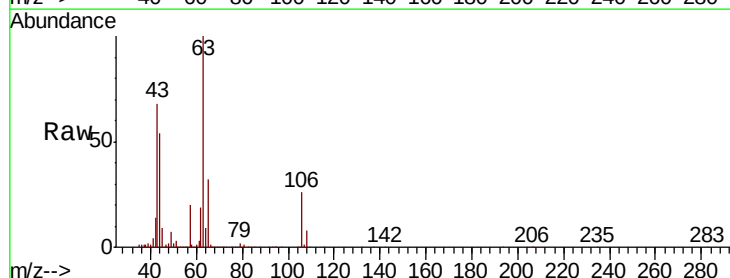
Acq: 21 Nov 2018 23:38

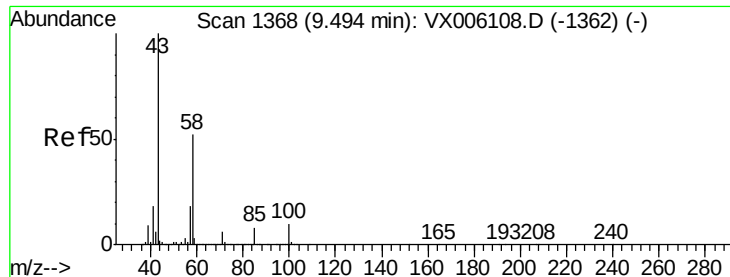
Tgt Ion: 63 Resp: 275087

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5





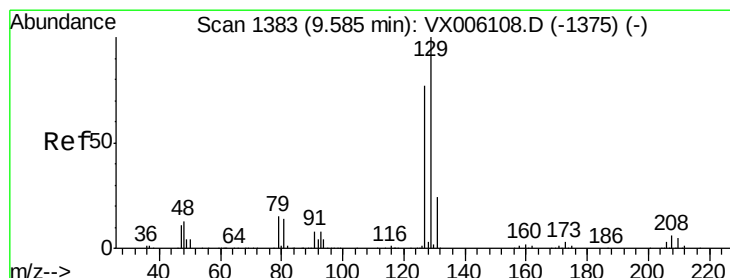
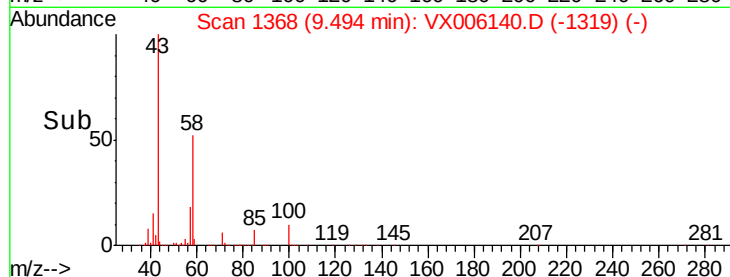
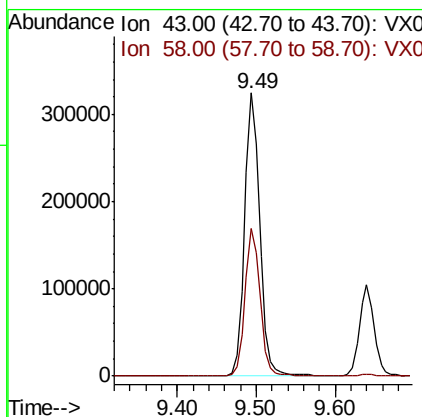
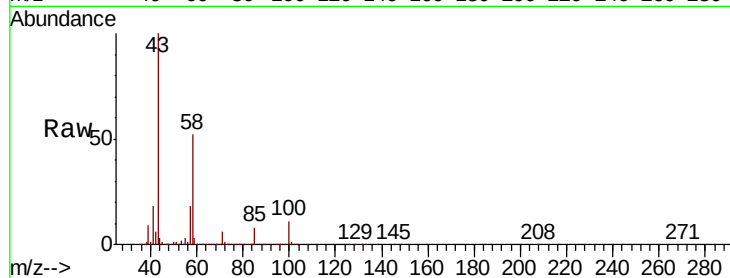
#59
2-Hexanone
Concen: 100.338 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	26.3	78.9

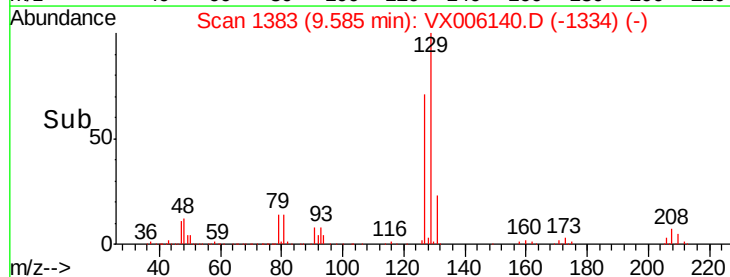
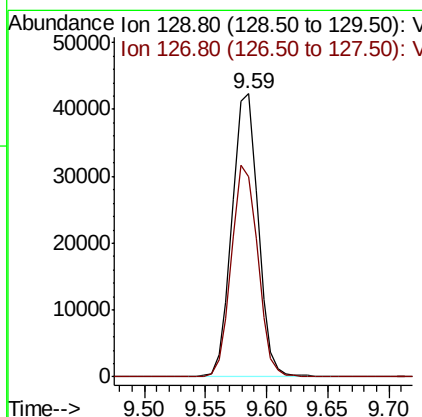
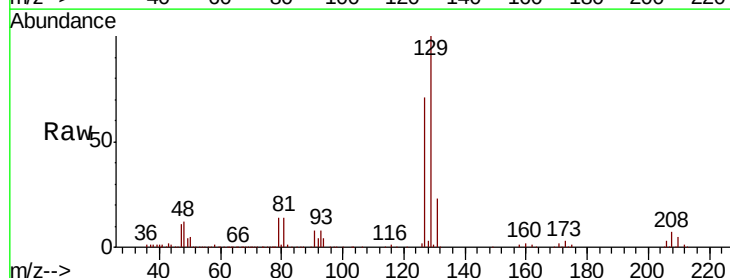
Manual Integrations
APPROVED

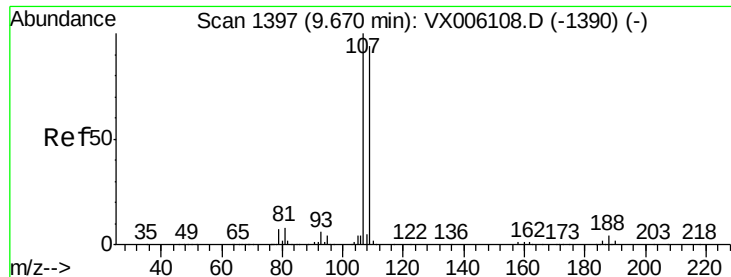
MMDadoda
11/26/2018 9:48:51 AM



#60
Dibromochloromethane
Concen: 19.798 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.2	39.1	117.5





#61

1,2-Dibromoethane

Concen: 20.104 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 107 Resp: 66705

Ion Ratio Lower Upper

107 100

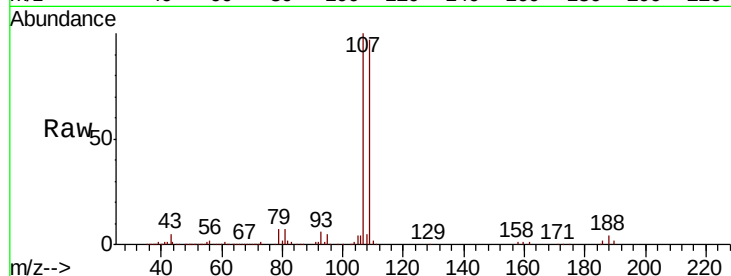
109 96.1 75.7 113.5

Manual Integrations

APPROVED

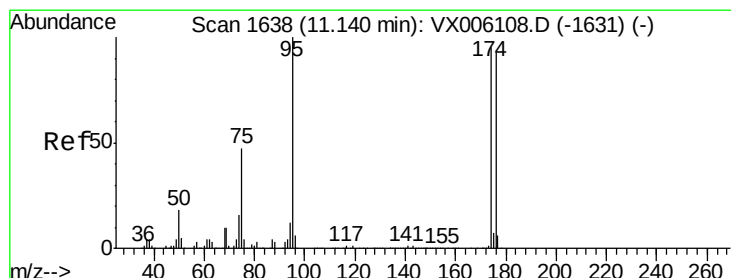
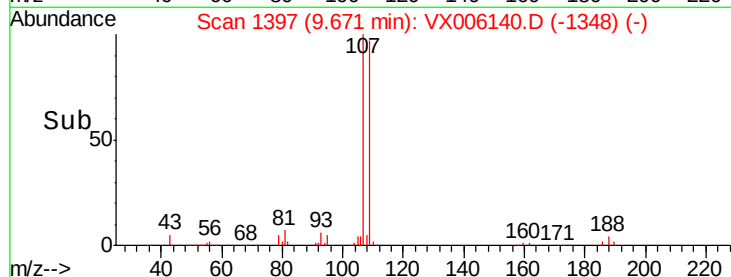
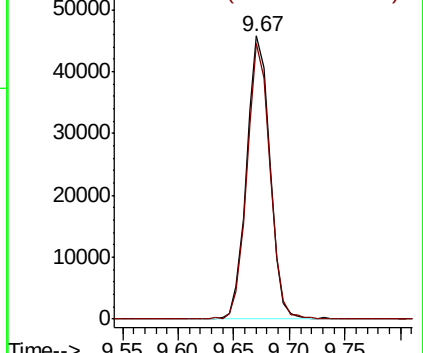
MMDadoda

11/26/2018 9:48:51 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.298 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

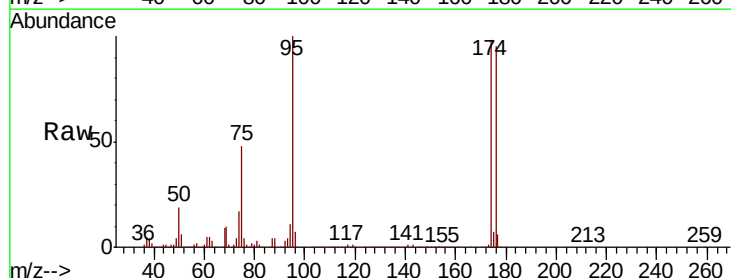
Tgt Ion: 95 Resp: 203147

Ion Ratio Lower Upper

95 100

174 91.5 0.0 184.4

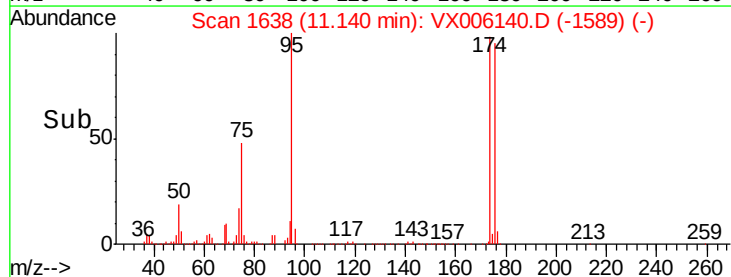
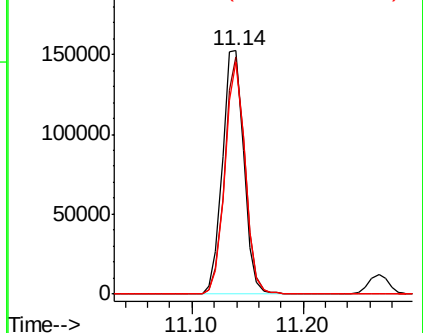
176 89.4 0.0 179.0

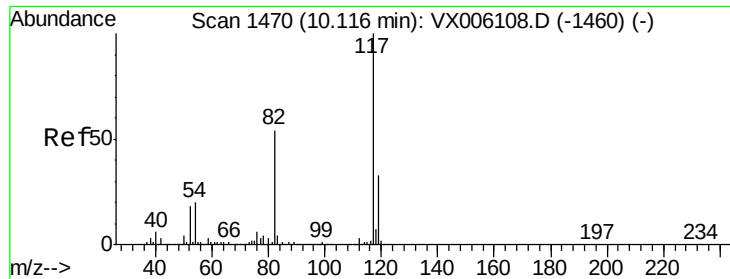


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





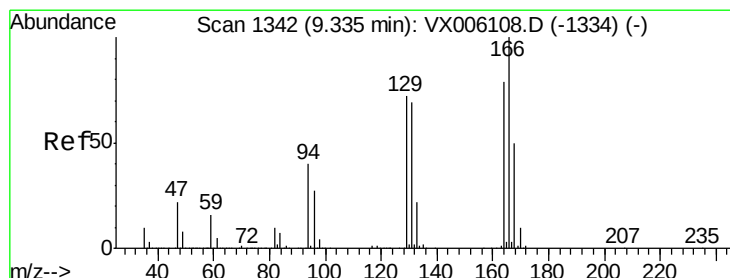
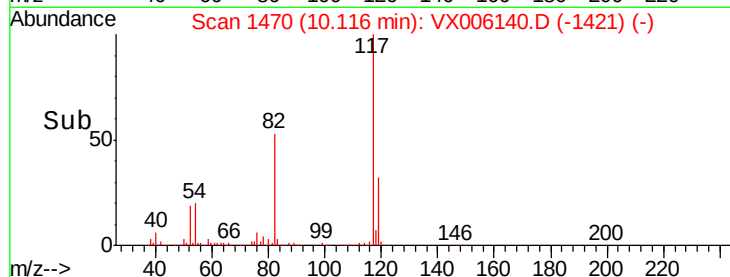
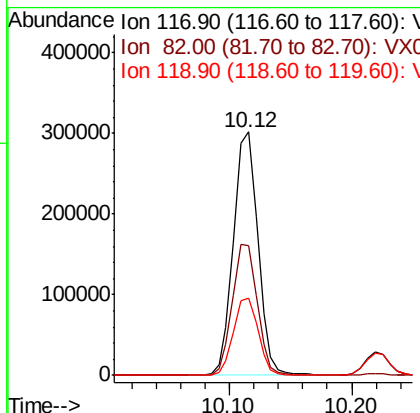
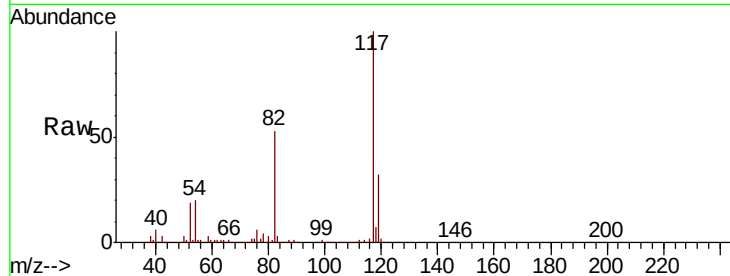
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.0	64.4
119	31.5	26.1	39.1

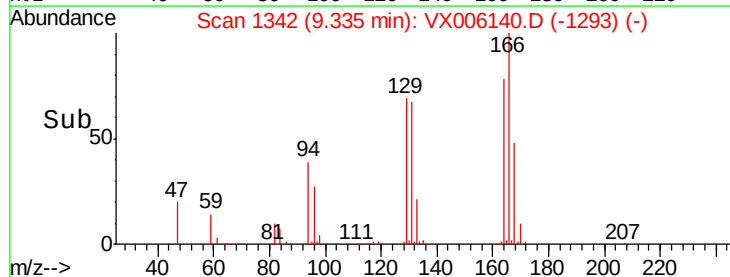
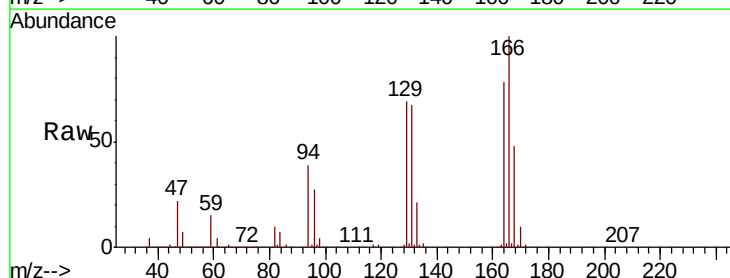
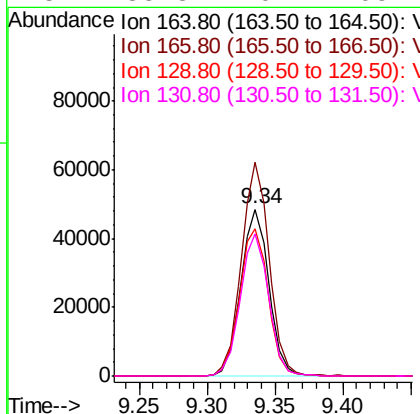
Manual Integrations
APPROVED

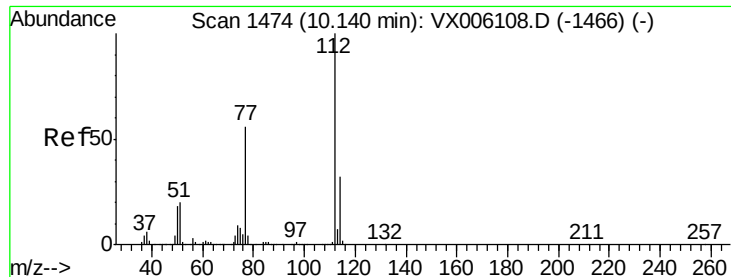
MMDadoda
11/26/2018 9:48:51 AM



#64
Tetrachloroethene
Concen: 20.316 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.5	152.3
129	88.4	73.4	110.0
131	85.3	70.2	105.4





#65

Chlorobenzene

Concen: 19.904 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion:112 Resp: 170605

Ion Ratio Lower Upper

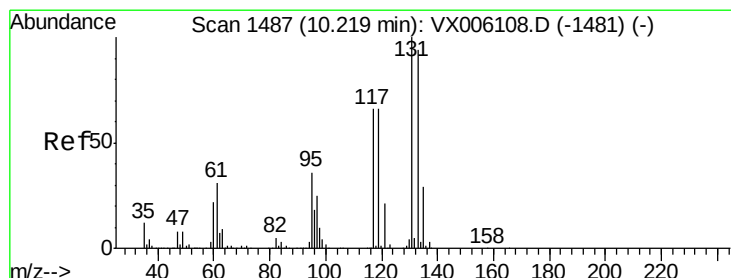
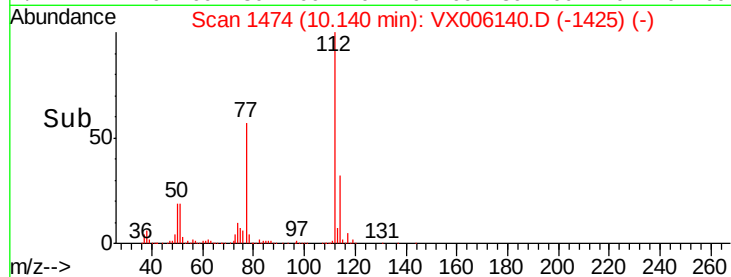
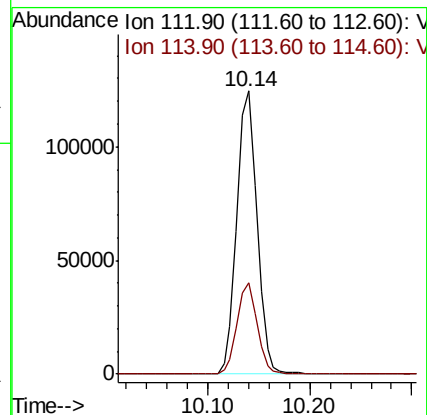
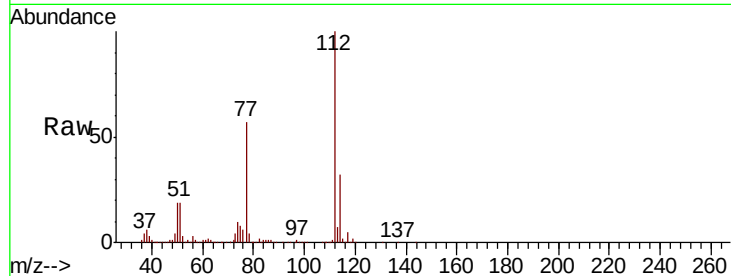
112 100

114 32.1 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.723 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

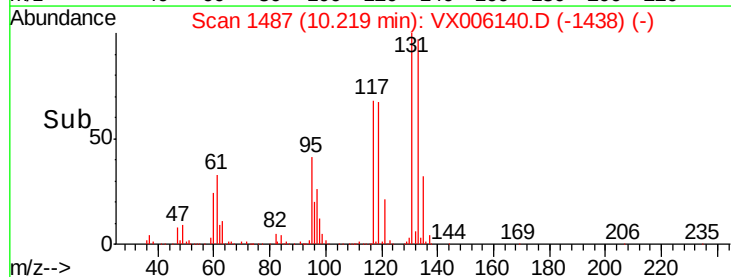
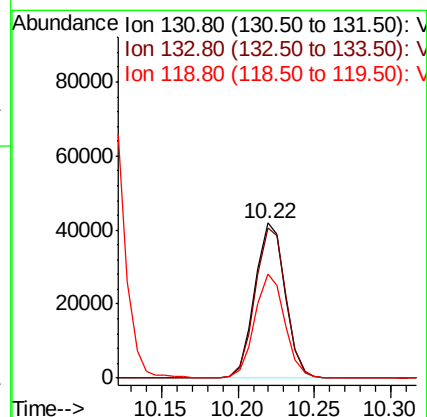
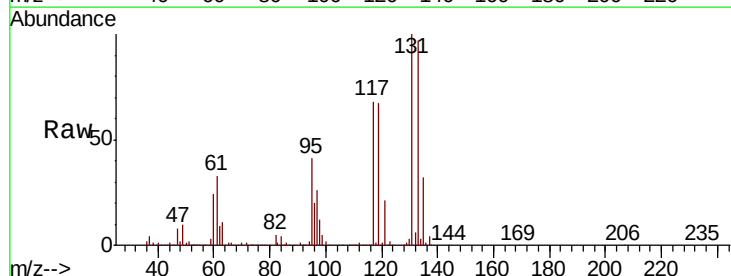
Tgt Ion:131 Resp: 58038

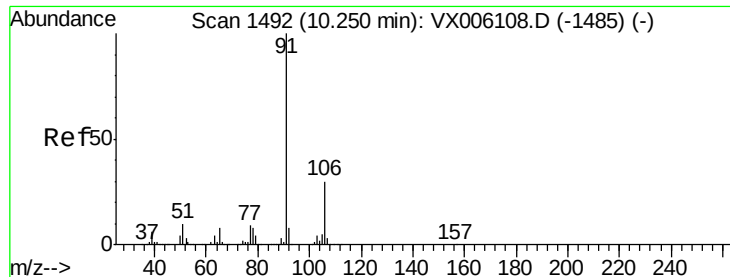
Ion Ratio Lower Upper

131 100

133 98.1 48.0 144.2

119 66.8 32.6 97.8





#67

Ethyl Benzene

Concen: 20.327 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 91 Resp: 285278

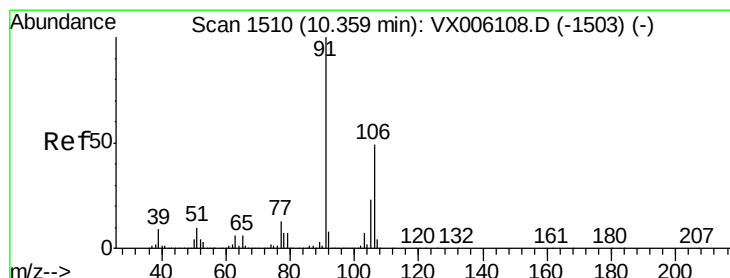
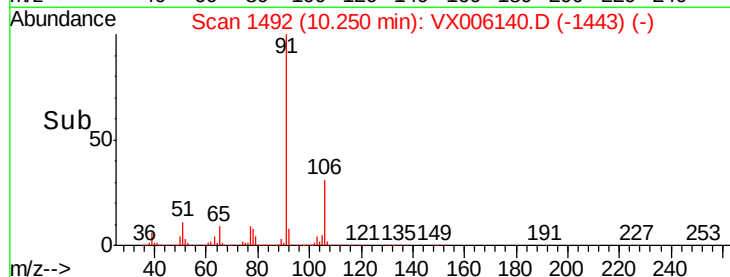
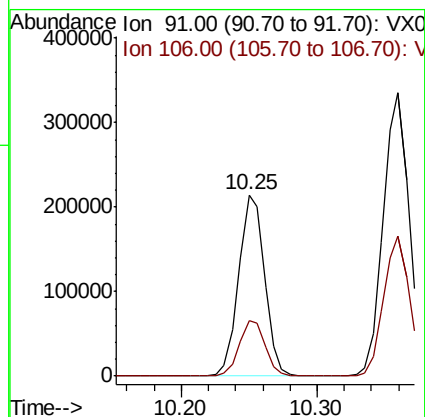
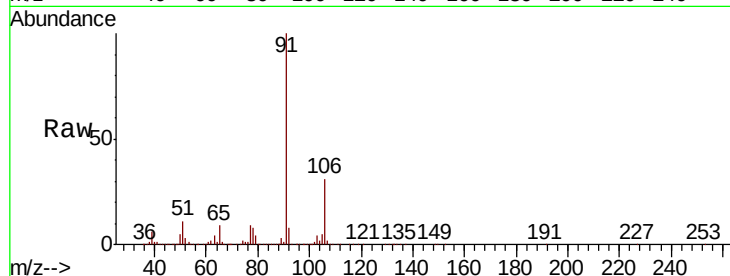
Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 40.767 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006140.D

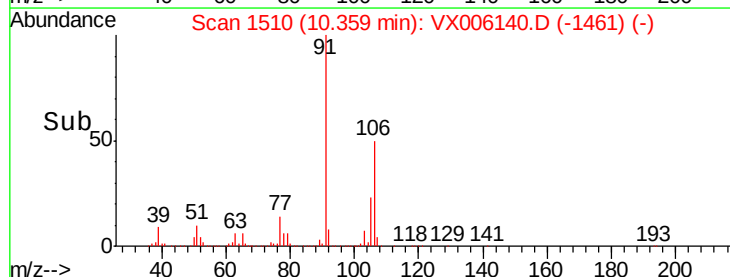
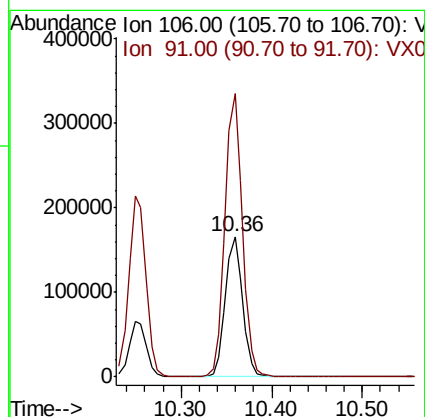
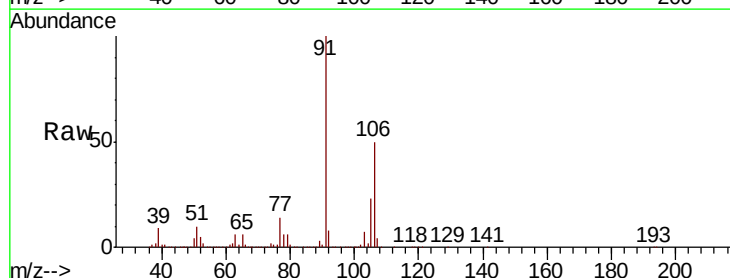
Acq: 21 Nov 2018 23:38

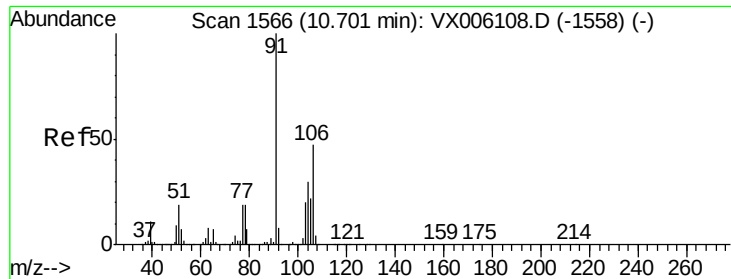
Tgt Ion: 106 Resp: 222788

Ion Ratio Lower Upper

106 100

91 202.0 162.0 243.0





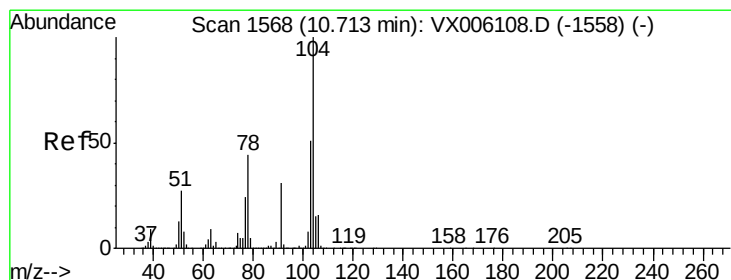
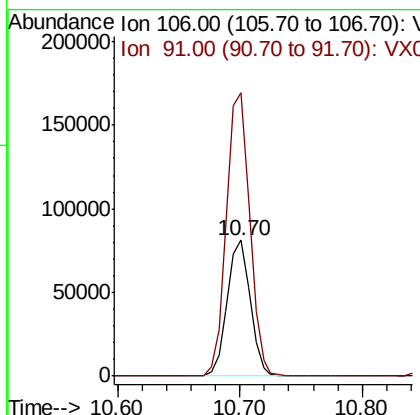
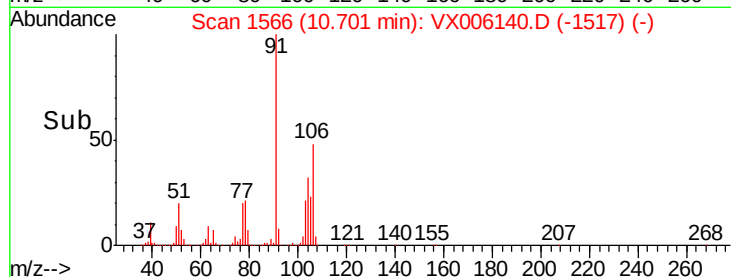
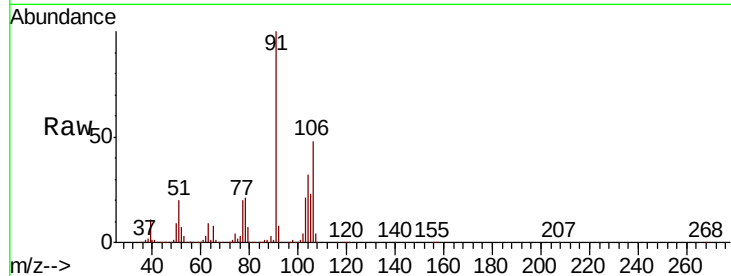
#69
o-Xylene
Concen: 20.281 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	107.4	322.2

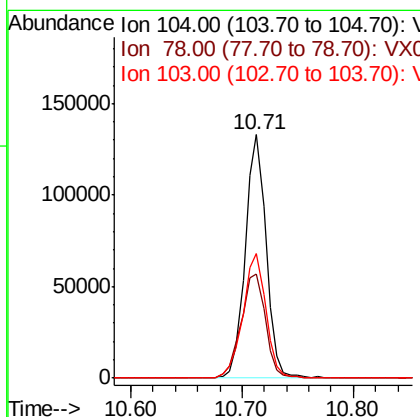
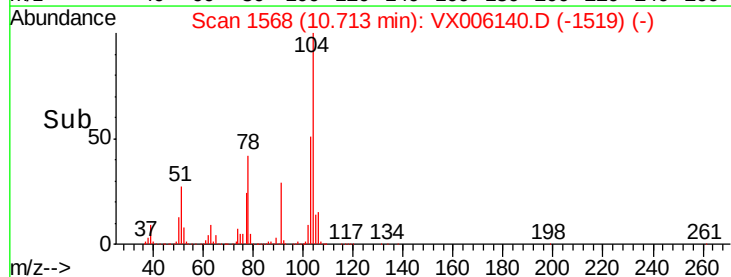
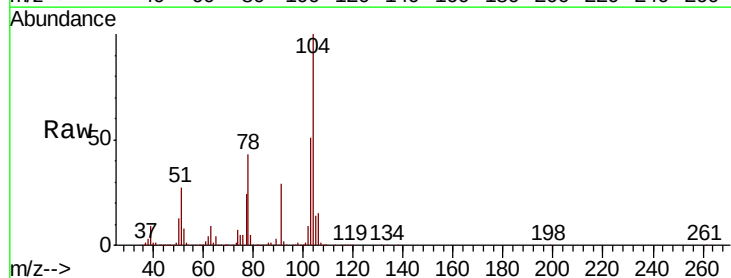
Manual Integrations
APPROVED

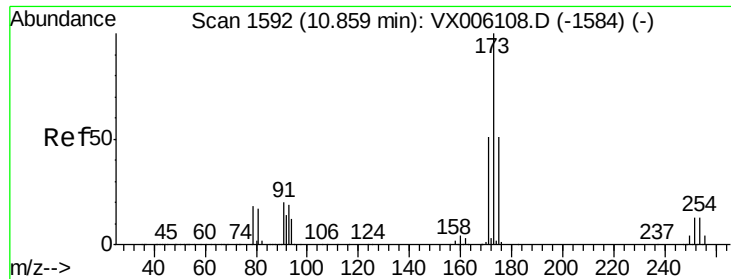
MMDadoda
11/26/2018 9:48:51 AM



#70
Styrene
Concen: 20.416 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.4	59.2
103	56.5	44.6	67.0





#71

Bromoform

Concen: 18.817 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

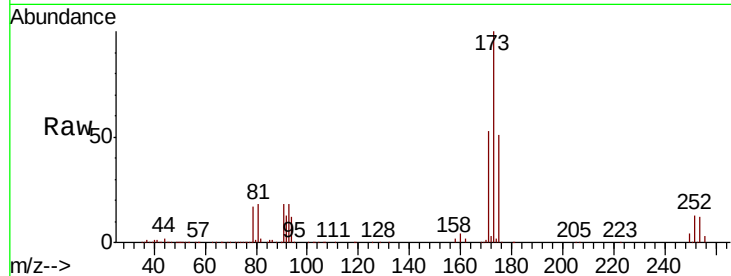
ClientSampleId :

VX1121WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.6
254	0.1	0.2	0.2

Manual Integrations
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11/26/2018 9:48:51 AM

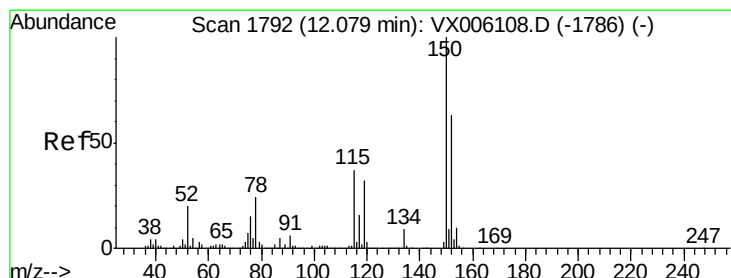
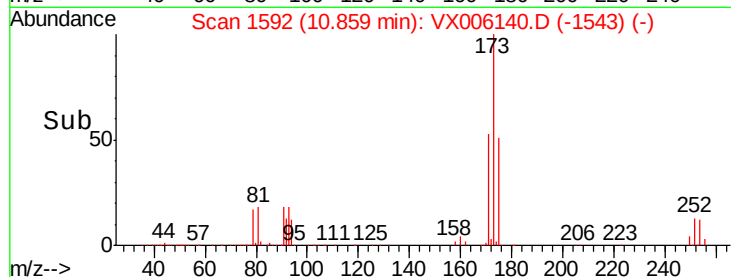
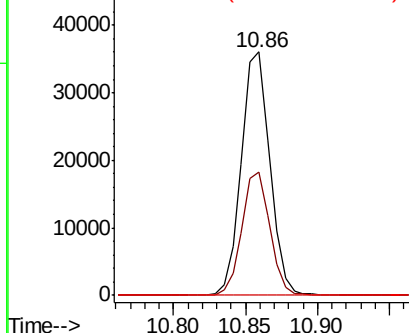


Abundance

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: VX006140.D

Acq: 21 Nov 2018 23:38

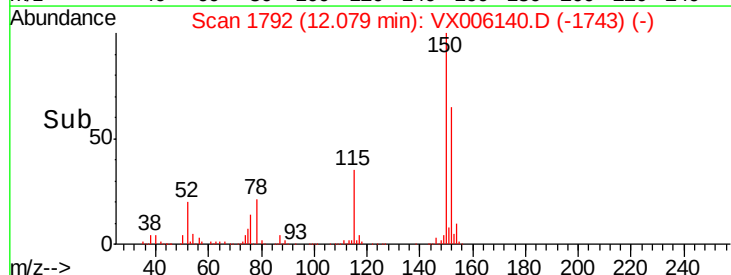
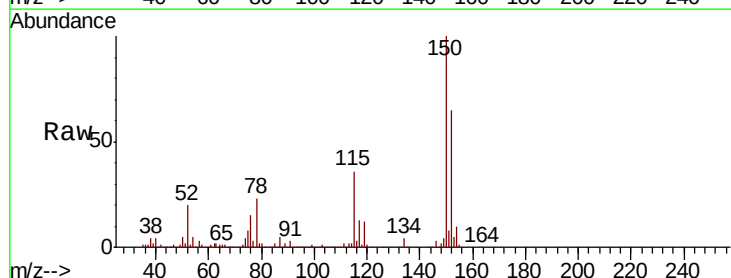
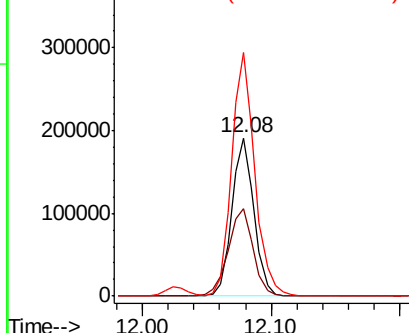
Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	39.0	116.9
150	161.5	0.0	346.6

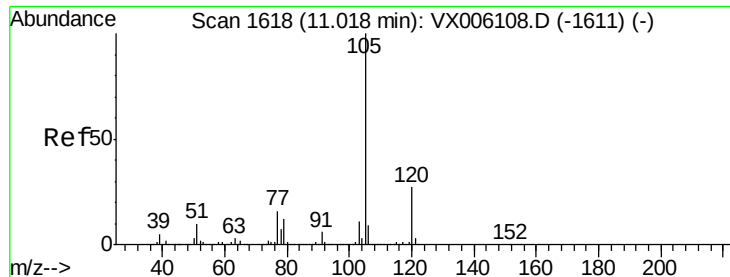
Abundance

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: 20.927 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 105 Resp: 288372

Ion Ratio Lower Upper

105 100

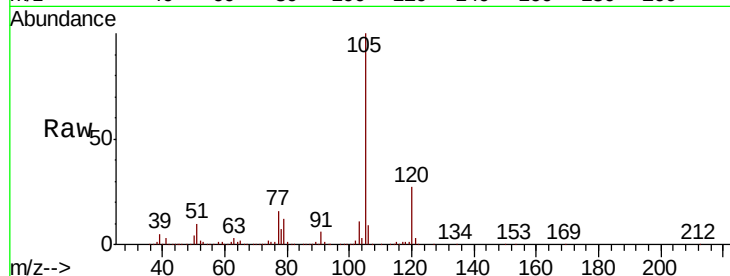
120 26.9 13.3 39.8

Manual Integrations

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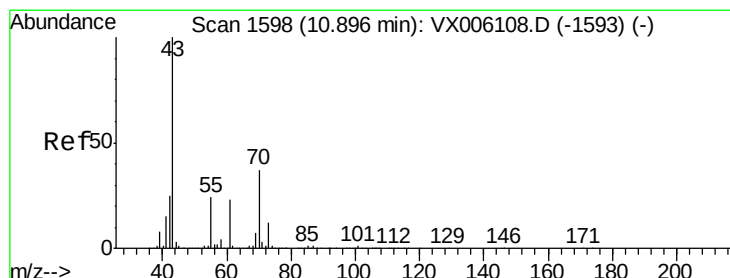
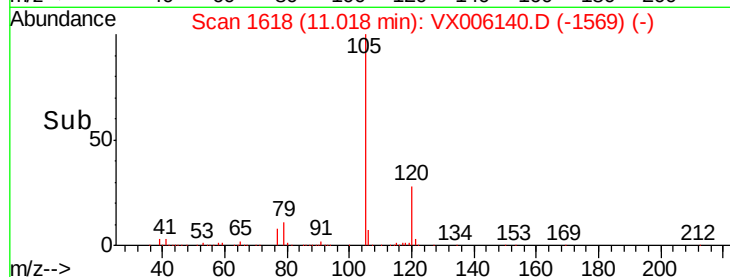
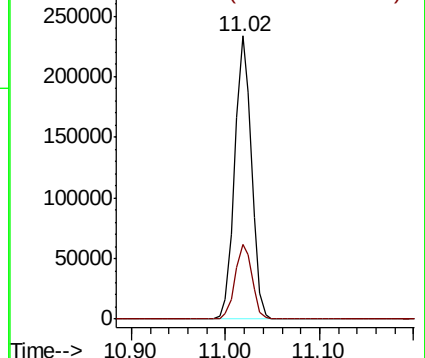
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.451 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion: 43 Resp: 126783

Ion Ratio Lower Upper

43 100

70 39.5 31.8 47.6

55 26.0 19.5 29.3

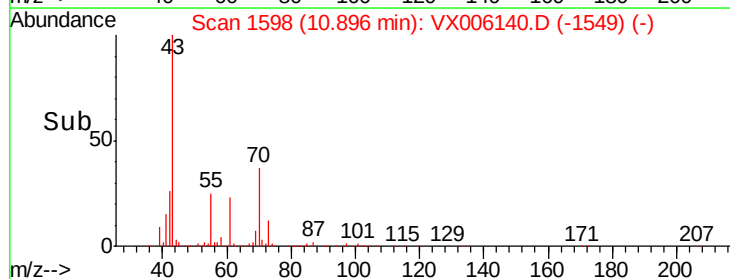
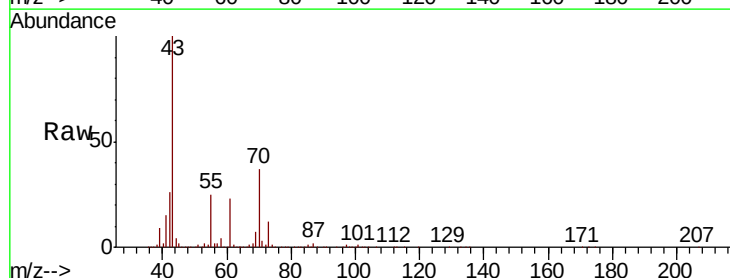
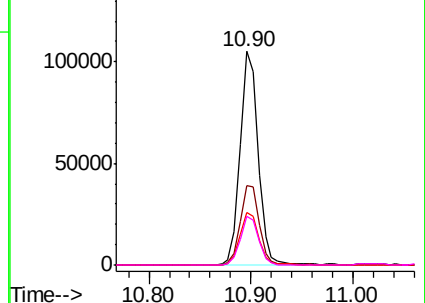
61 22.8 18.6 27.8

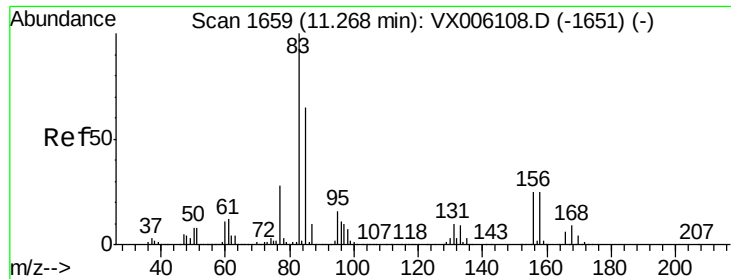
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.515 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 83 Resp: 101345

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

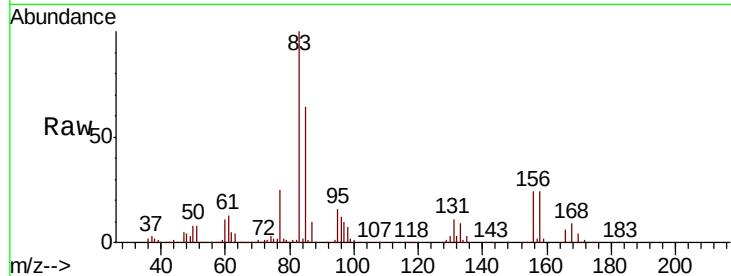
85 64.7 32.6 97.8

Manual Integrations

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MMDadoda

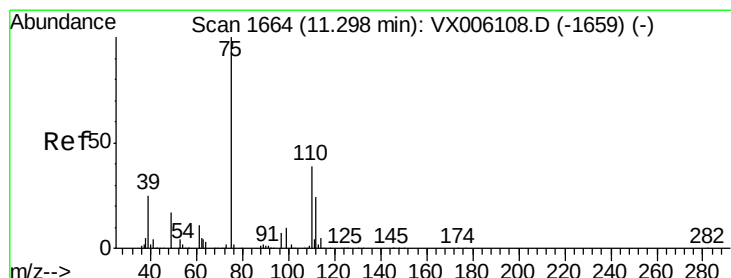
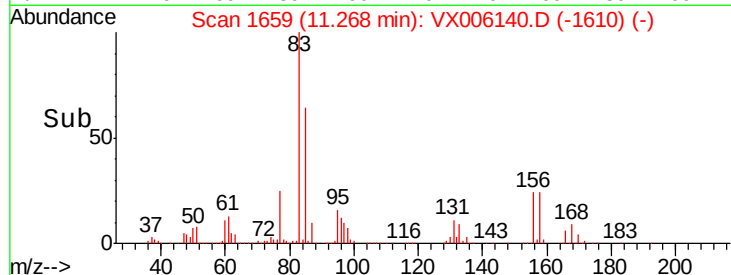
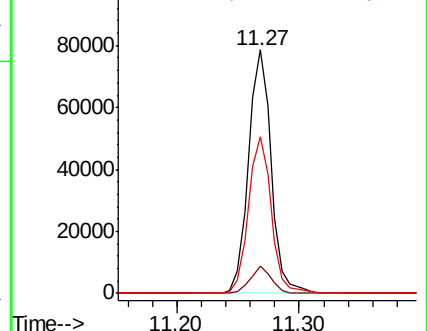
11/26/2018 9:48:51 AM



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: 20.443 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006140.D

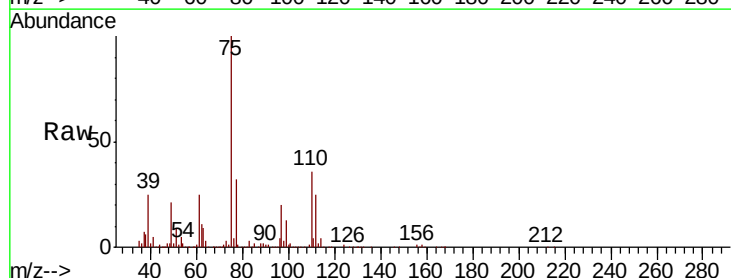
Acq: 21 Nov 2018 23:38

Tgt Ion: 75 Resp: 95856

Ion Ratio Lower Upper

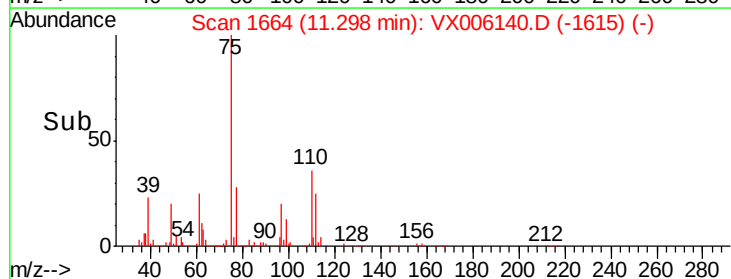
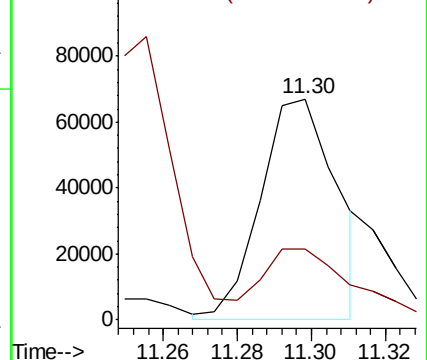
75 100

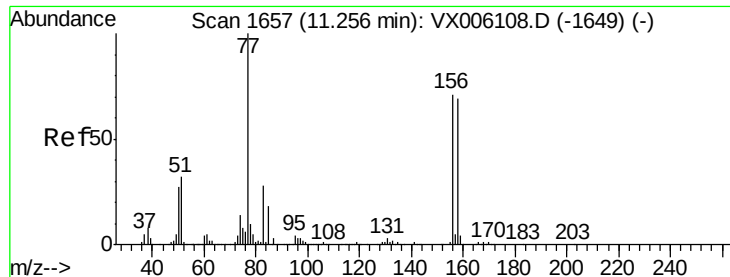
77 37.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.294 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion:156 Resp: 78342

Ion Ratio Lower Upper

156 100

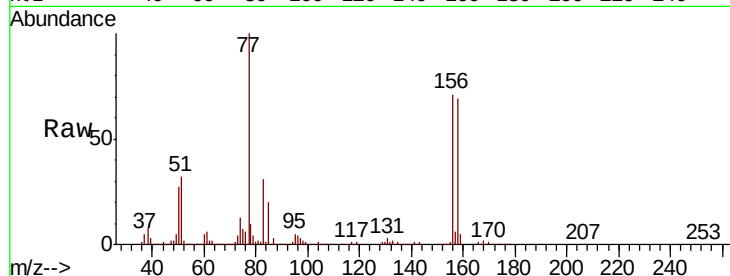
77 146.8 74.3 222.8

158 98.0 49.0 147.0

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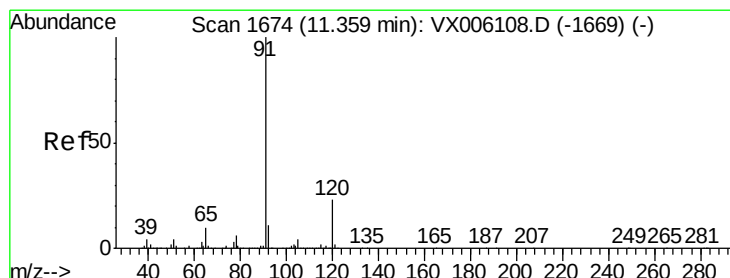
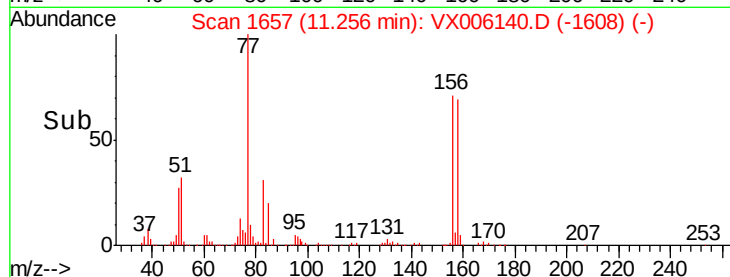
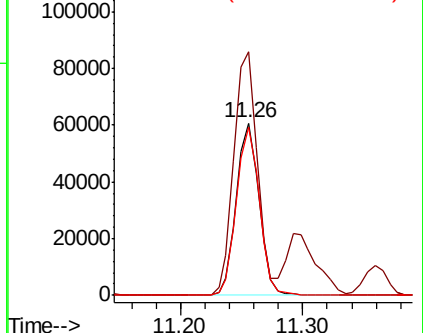
11/26/2018 9:48:51 AM



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: 20.857 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006140.D

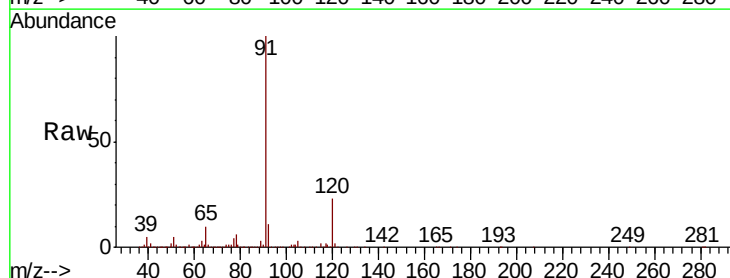
Acq: 21 Nov 2018 23:38

Tgt Ion: 91 Resp: 334710

Ion Ratio Lower Upper

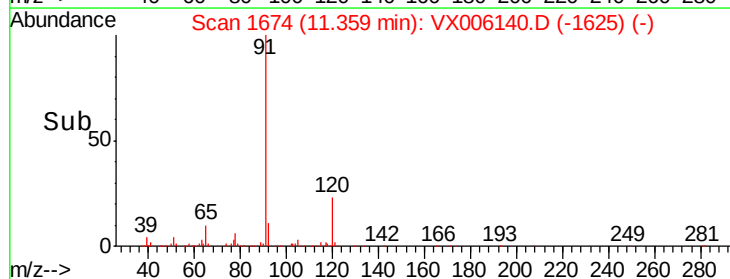
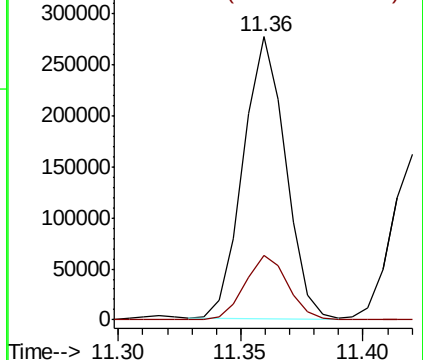
91 100

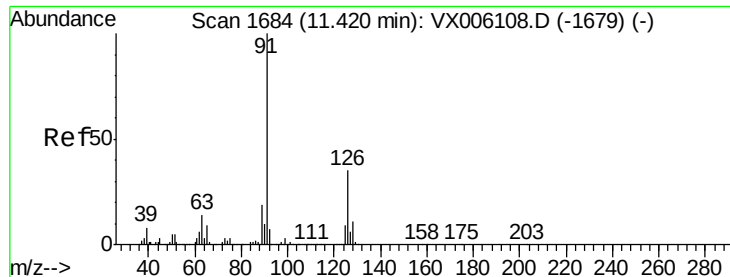
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





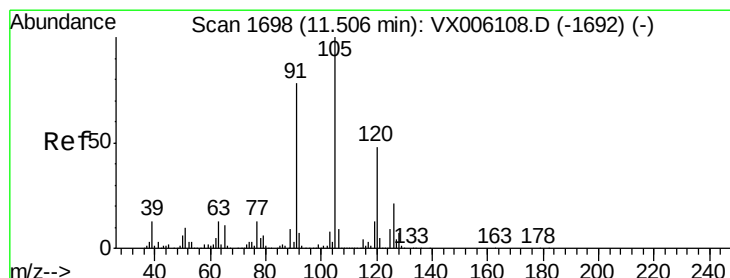
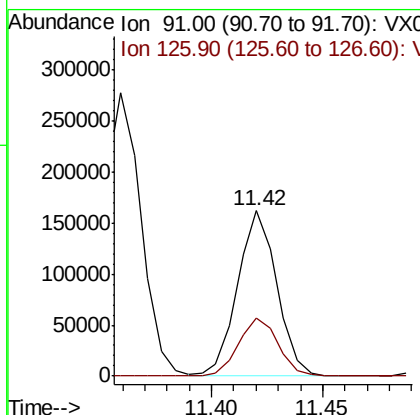
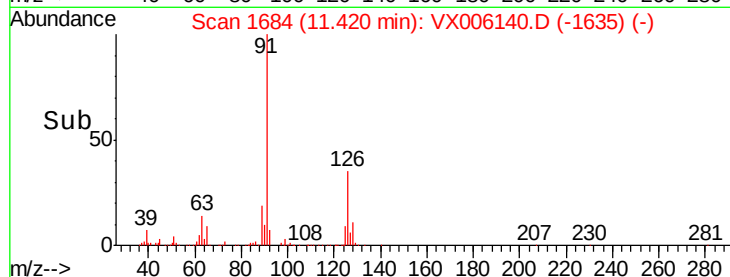
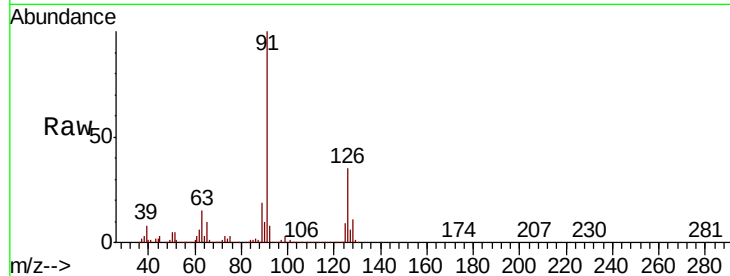
#79
2-Chlorotoluene
Concen: 20.406 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion: 91 Resp: 198113
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.9

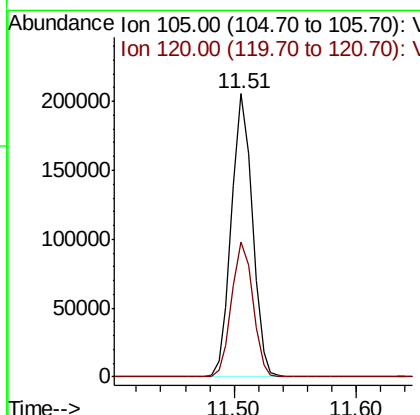
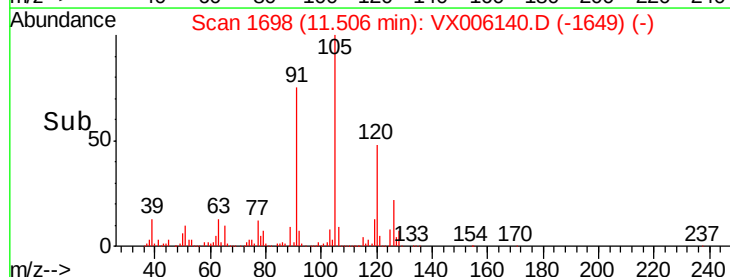
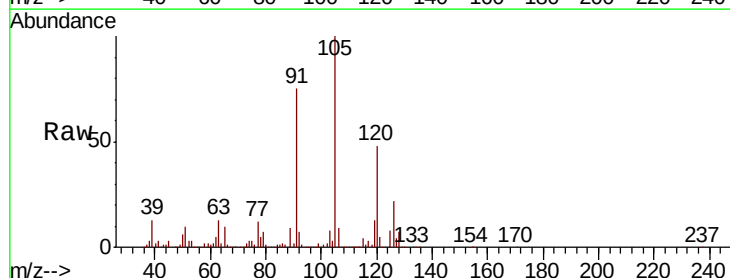
Manual Integrations
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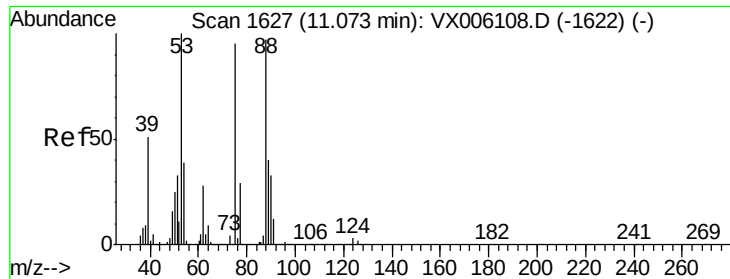
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#80
1,3,5-Trimethylbenzene
Concen: 20.820 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion: 105 Resp: 241895
Ion Ratio Lower Upper
105 100
120 48.3 24.3 73.0





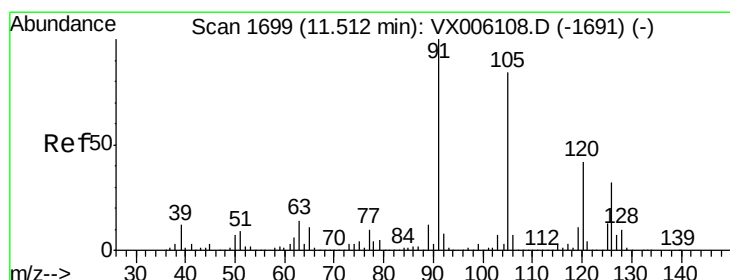
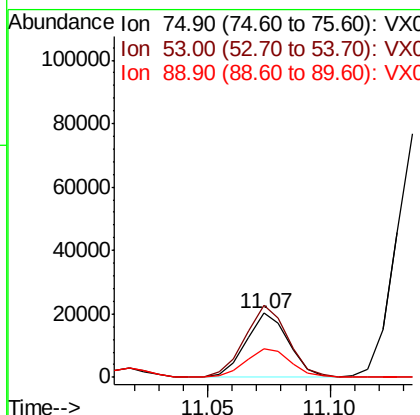
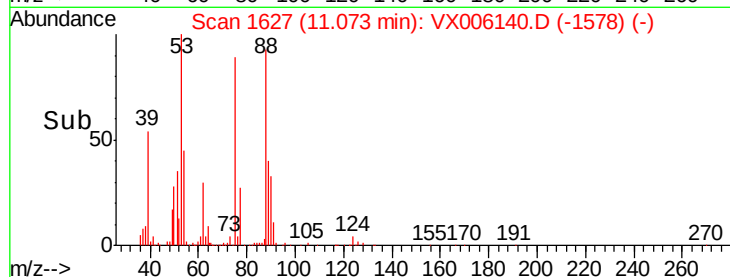
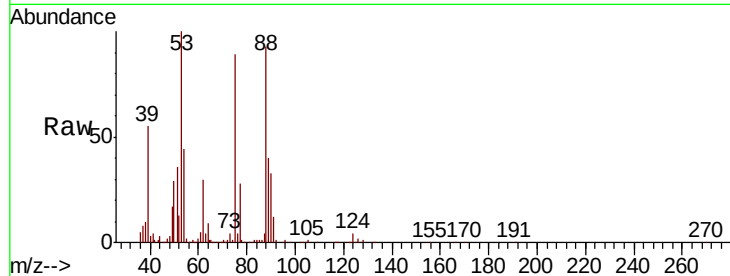
#81
trans-1,4-Dichloro-2-butene
Concen: 17.488 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.4	85.3	127.9
89	47.3	37.2	55.8

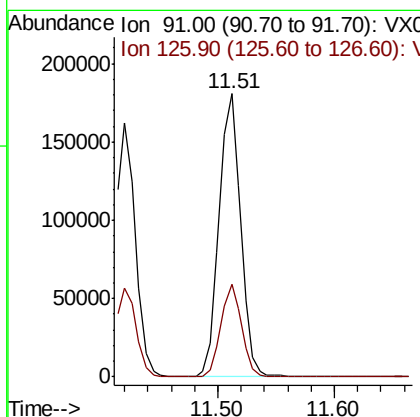
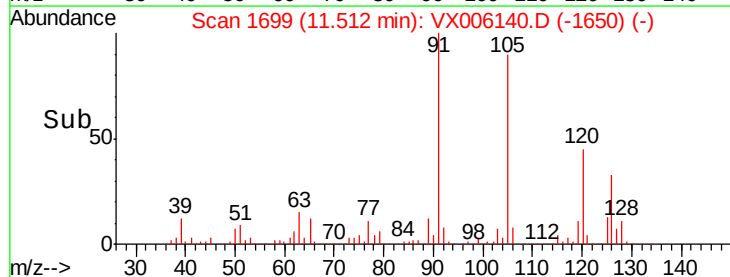
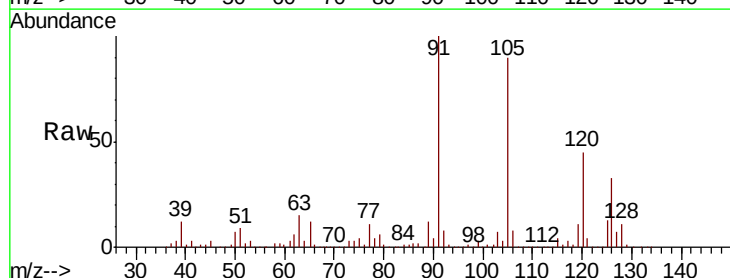
Manual Integrations
APPROVED

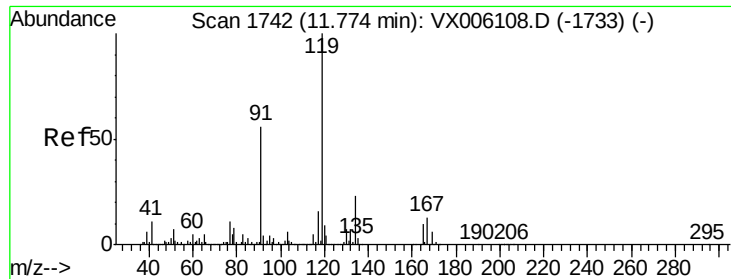
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#82
4-Chlorotoluene
Concen: 20.355 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.3	45.9





#83

tert-Butylbenzene

Concen: 20.476 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

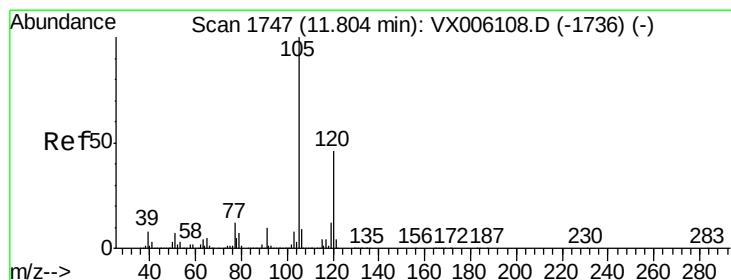
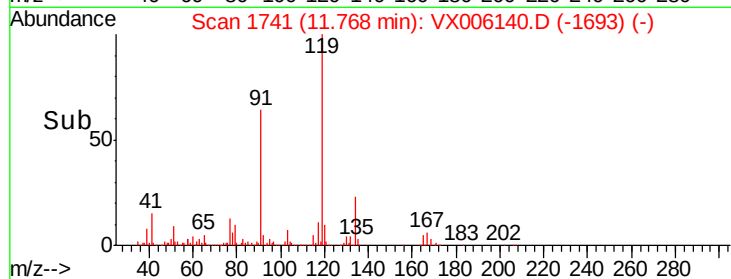
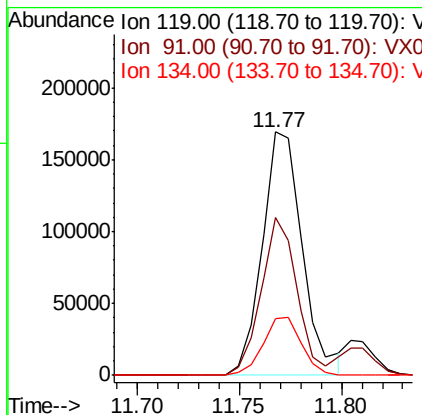
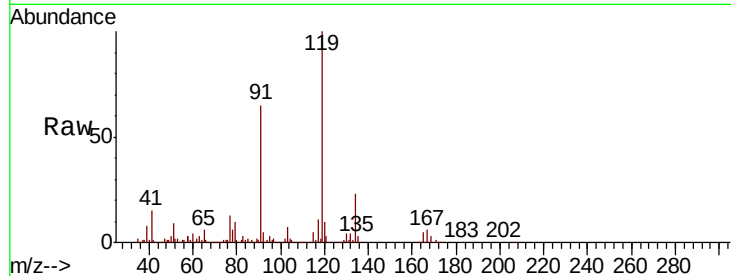
ClientSampleId :

VX1121WBS02

Tot Ion:	119	Resp:	232238
Ion Ratio	Lower	Upper	
119	100		
91	57.9	28.2	84.6
134	23.1	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.229 ug/l

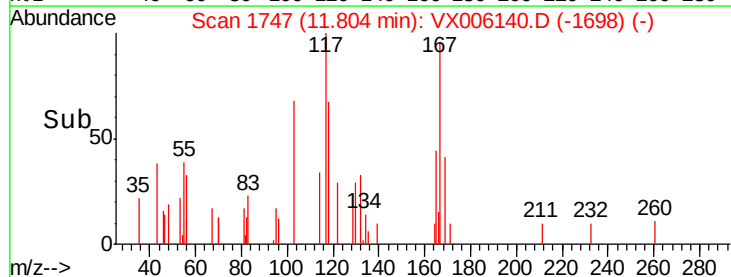
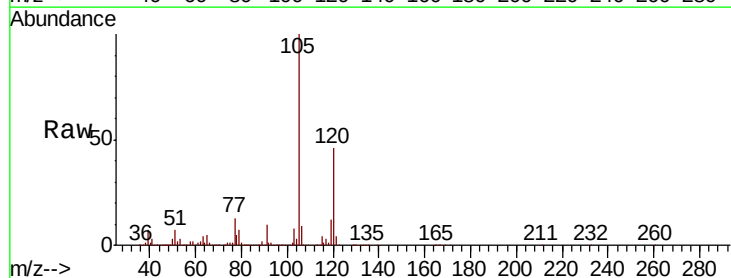
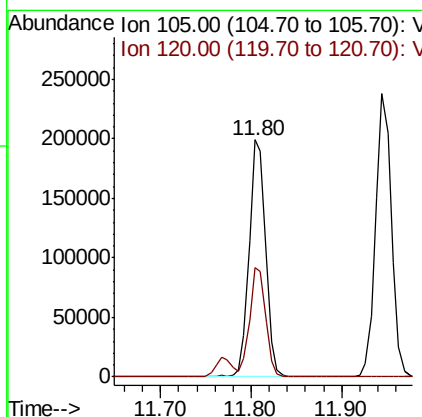
RT: 11.80 min Scan# 1747

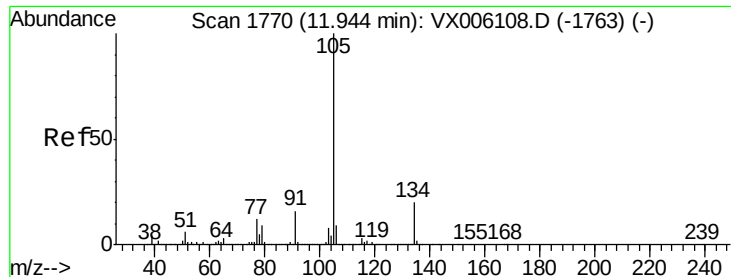
Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	105	Resp:	251588
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.7	68.0





#85

sec-Butylbenzene

Concen: 20.683 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion:105 Resp: 286948

Ion Ratio Lower Upper

105 100

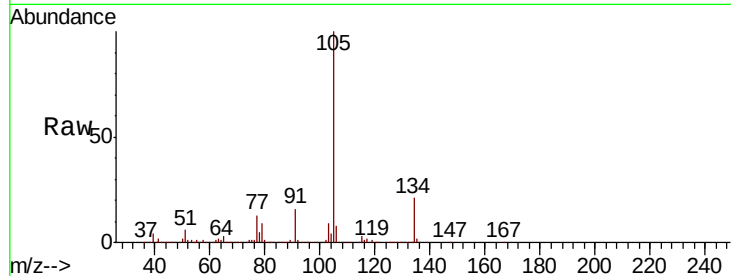
134 20.8 10.4 31.1

Manual Integrations

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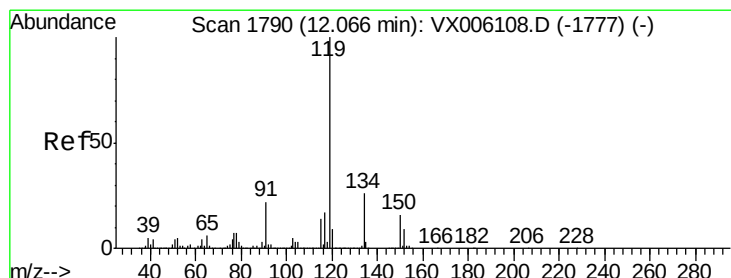
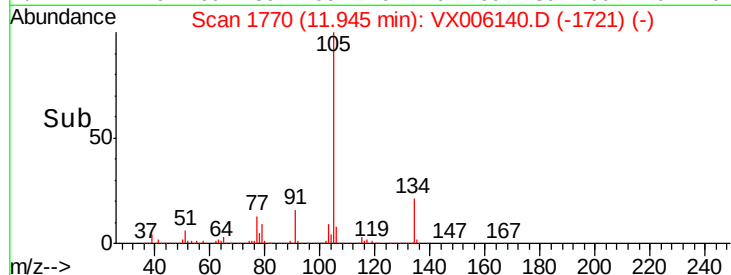
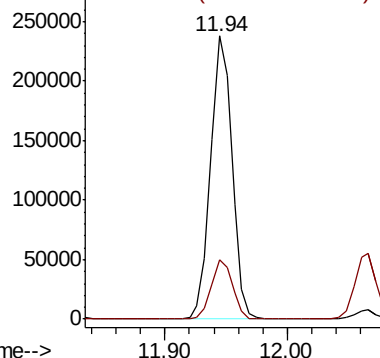
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.311 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

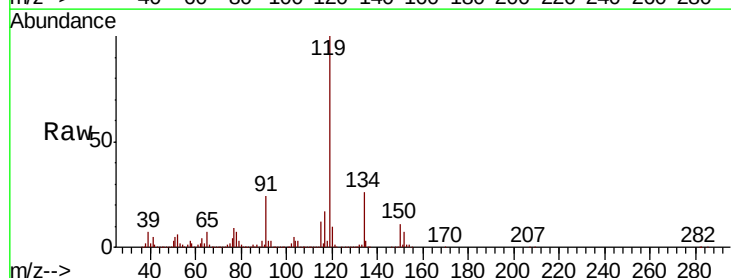
Tgt Ion:119 Resp: 251233

Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

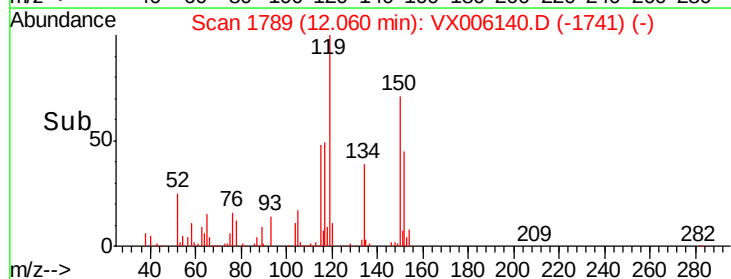
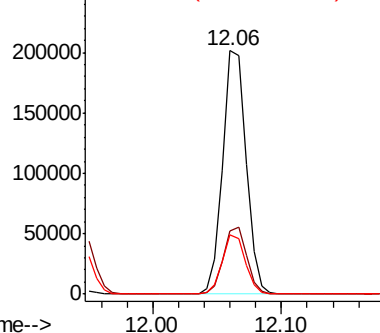
91 24.0 11.3 33.9

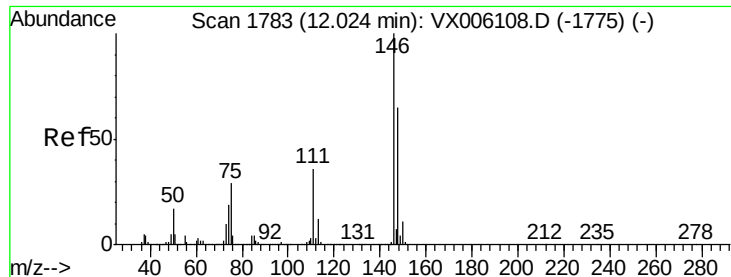


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





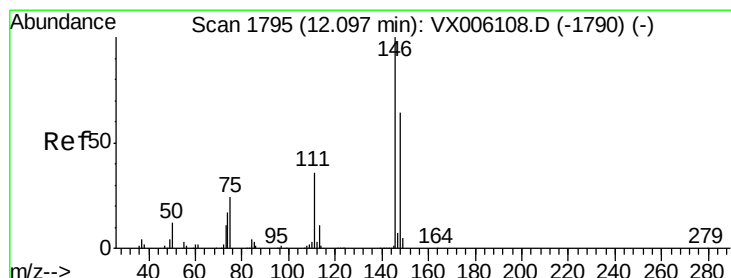
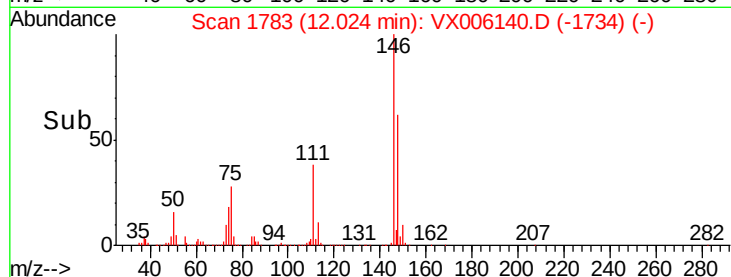
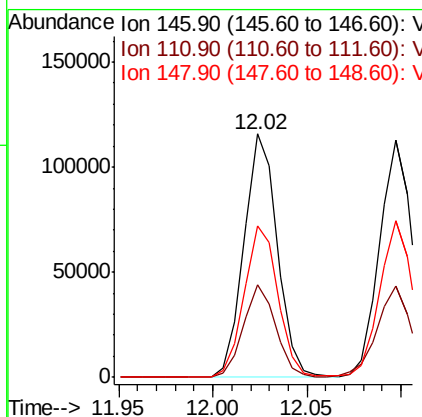
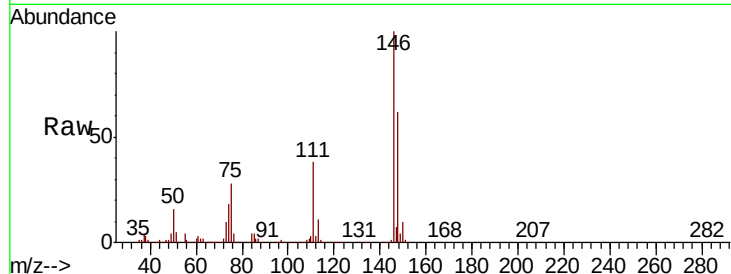
#87
 1,3-Dichlorobenzene
 Concen: 20.019 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006140.D
 Acq: 21 Nov 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	63.4	32.2	96.6

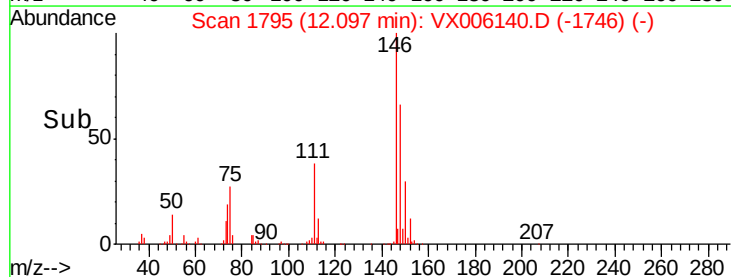
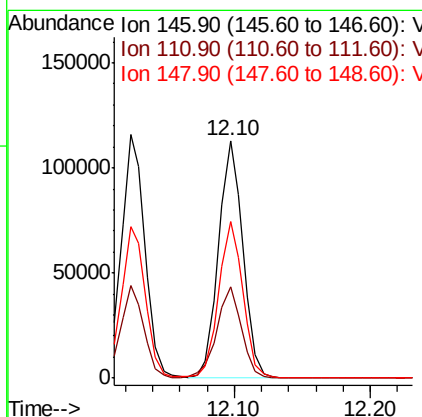
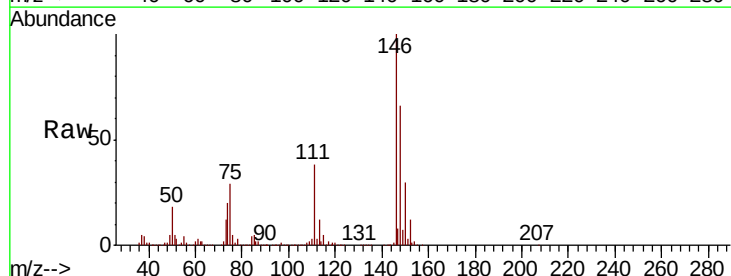
Manual Integrations
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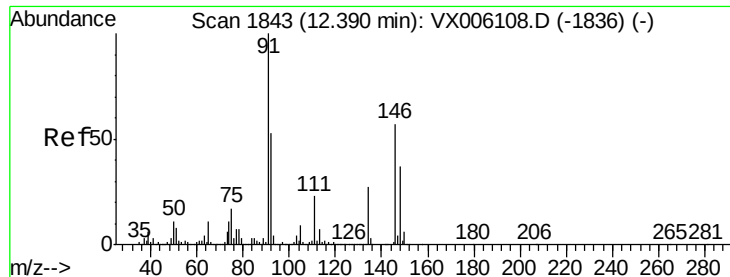
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#88
 1,4-Dichlorobenzene
 Concen: 18.980 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006140.D
 Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.3	54.9
148	65.8	32.2	96.6





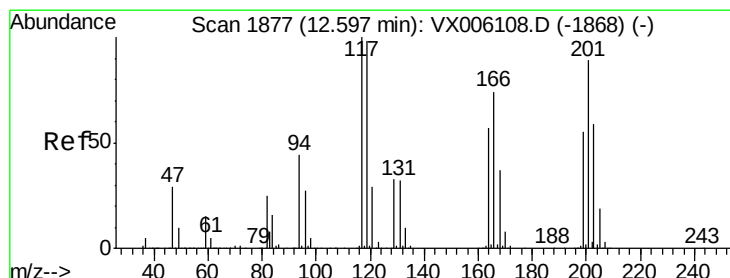
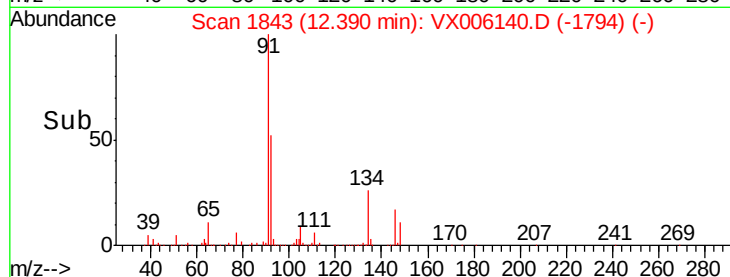
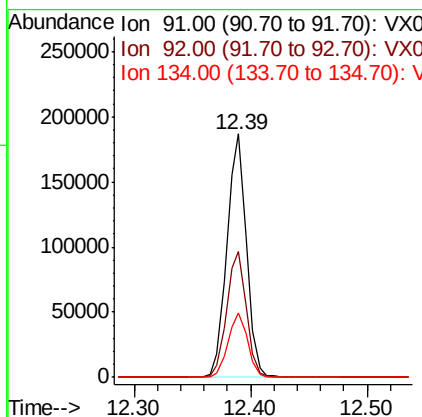
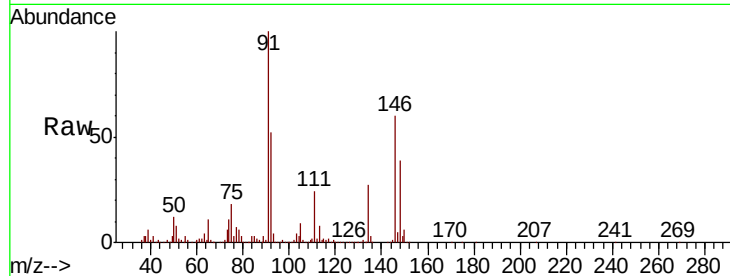
#89
n-Butylbenzene
Concen: 19.291 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	26.6	13.1	39.3

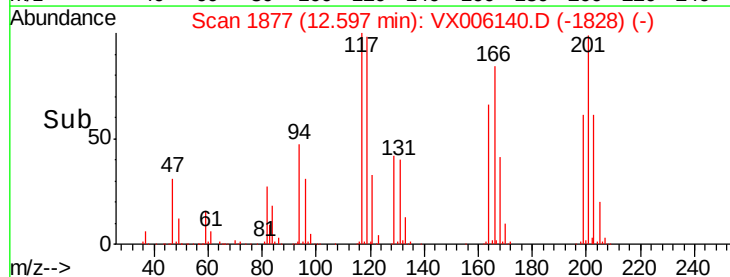
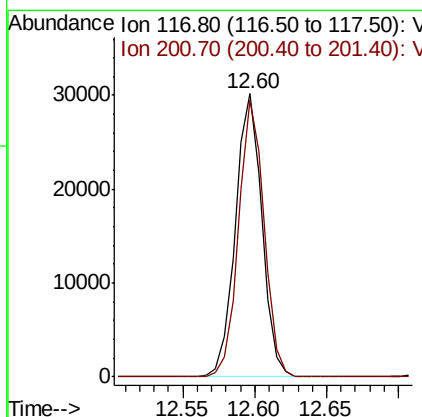
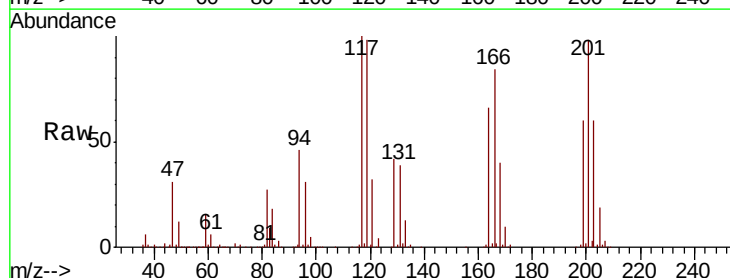
Manual Integrations
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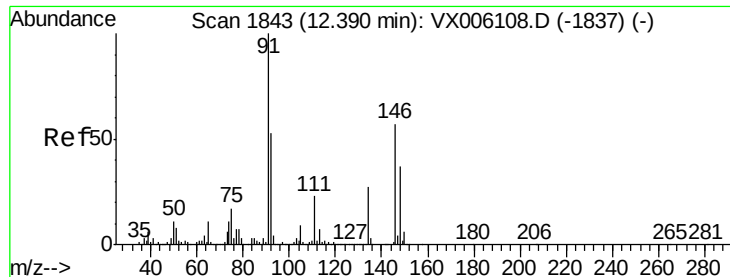
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#90
Hexachloroethane
Concen: 19.666 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.5	46.1	138.2





#91

1,2-Dichlorobenzene

Concen: 19.683 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

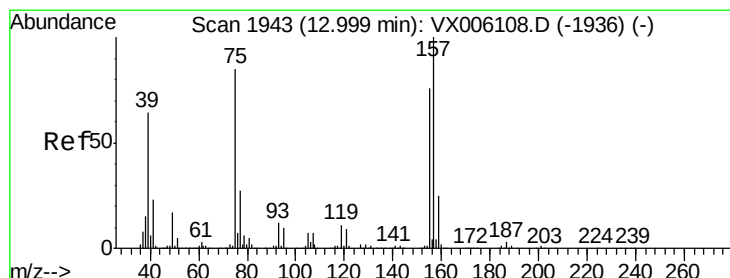
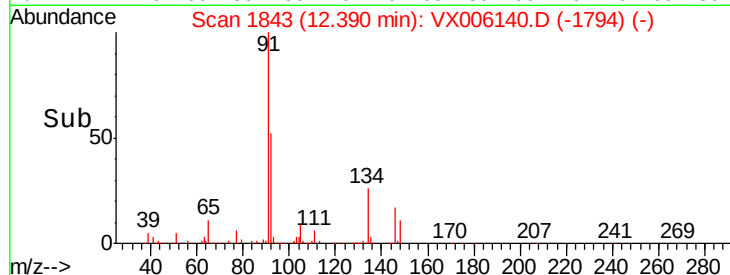
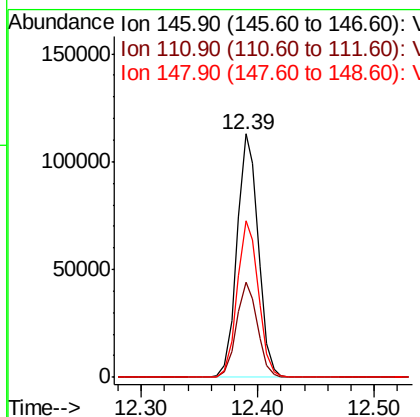
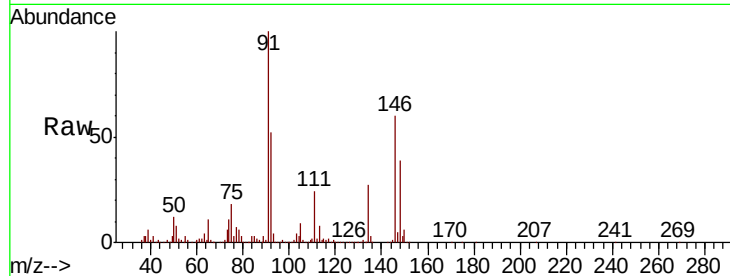
ClientSampleId :

VX1121WBS02

Tot Ion:	146	Resp:	143231
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.6	58.8
148	64.4	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.877 ug/l

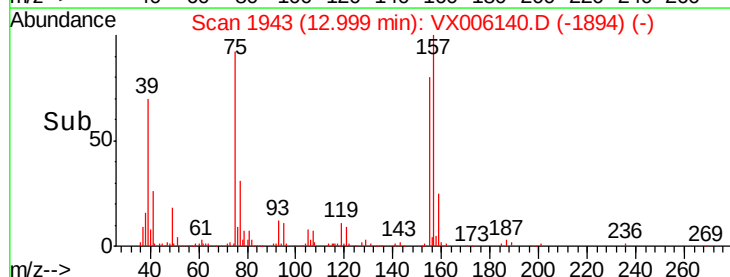
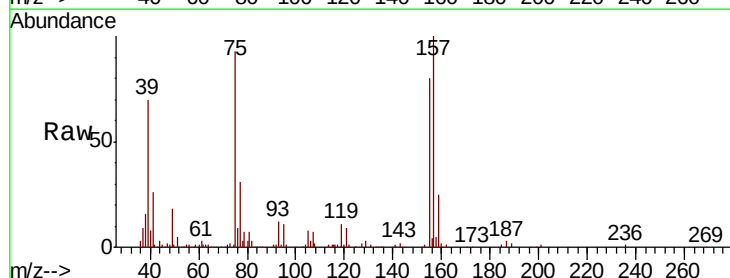
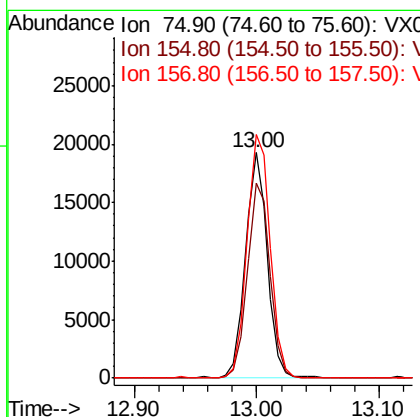
RT: 13.00 min Scan# 1943

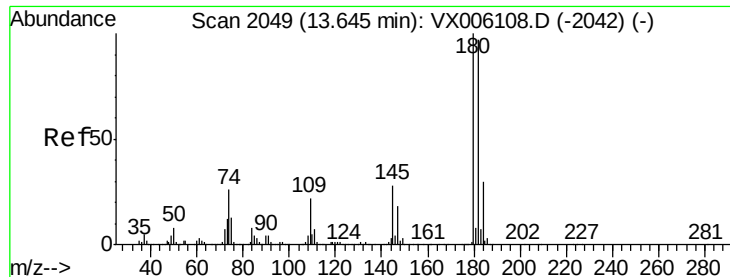
Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	75	Resp:	23952
Ion Ratio	Lower	Upper	
75	100		
155	89.6	46.1	138.3
157	114.2	59.8	179.3





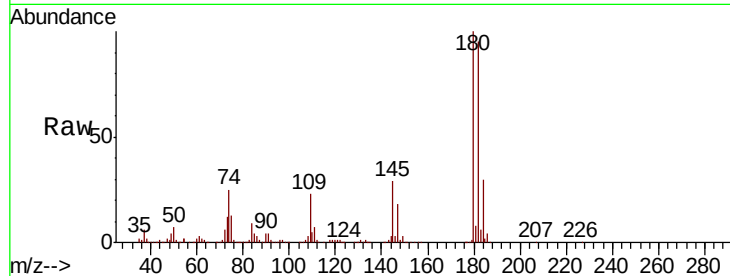
#93
1,2,4-Trichlorobenzene
Concen: 19.938 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102205		
182	94.9	48.2	144.6	
145	28.6	14.1	42.2	

Manual Integrations
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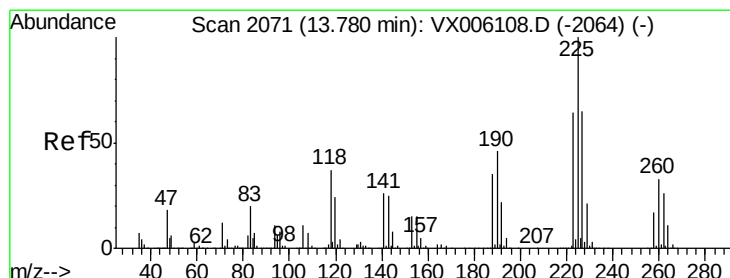
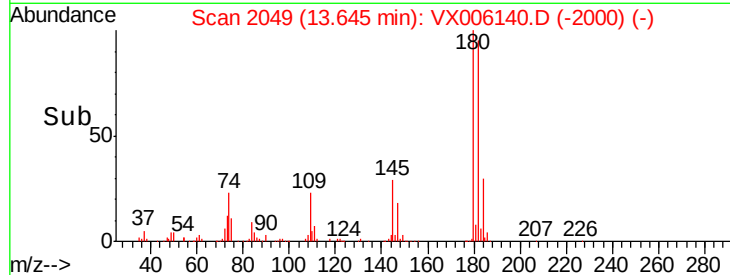
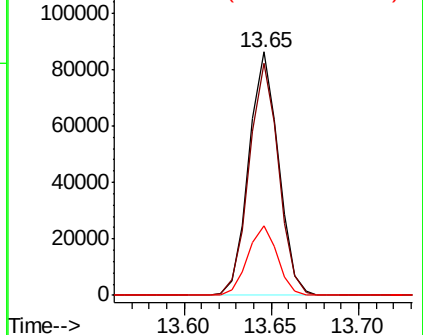


Abundance

Ion 179.80 (179.50 to 180.50): V

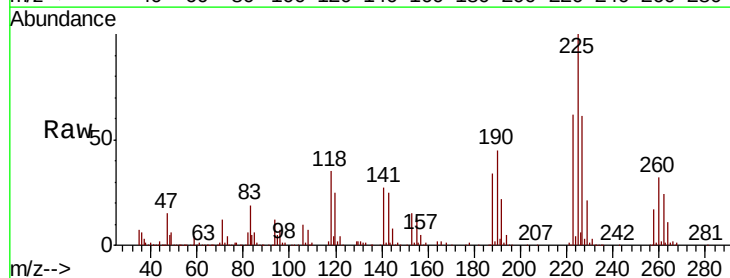
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 18.670 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006140.D
Acq: 21 Nov 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46643		
223	63.2	31.2	93.6	
227	64.3	32.4	97.2	

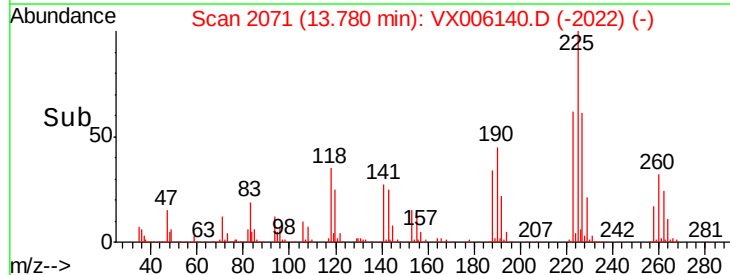
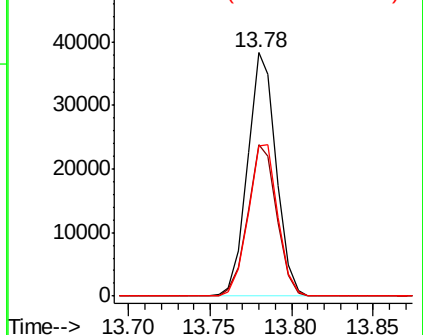


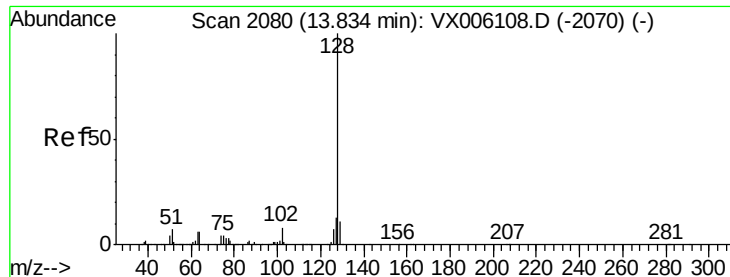
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.345 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Instrument :

MSVOA_X

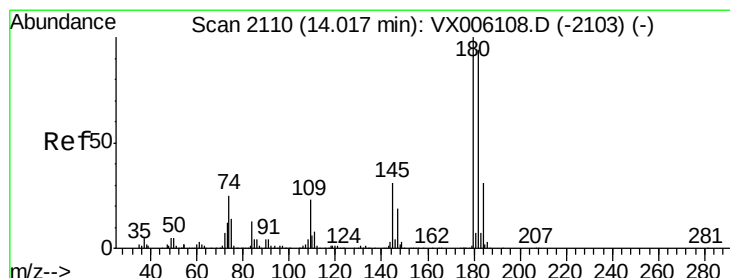
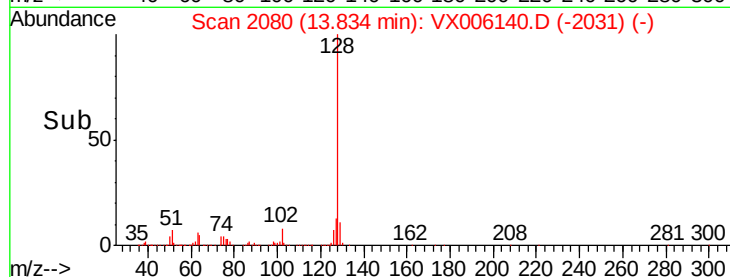
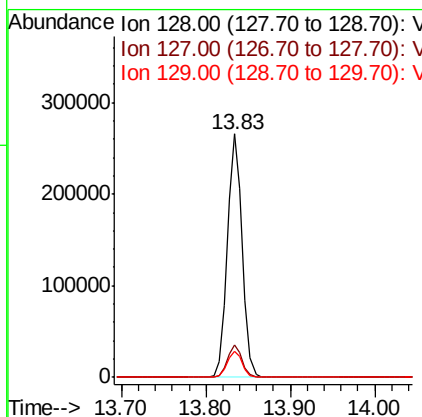
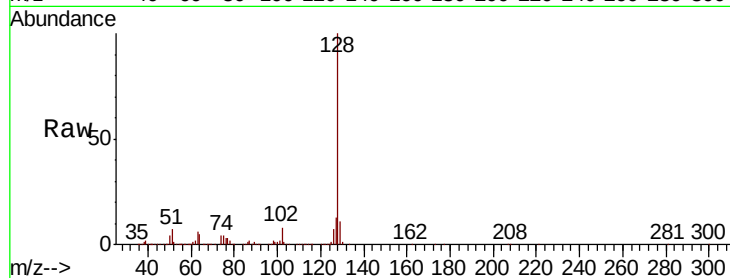
ClientSampleId :

VX1121WBS02

Tot Ion:	128	Resp:	321748
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 20.194 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006140.D

Acq: 21 Nov 2018 23:38

Tgt Ion:	180	Resp:	105536
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.5	142.5
145	29.6	15.0	45.0

