

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006113.D
 Acq On : 21 Nov 2018 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:15 AM

Quant Time: Nov 22 02:07:52 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	334059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	439668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	204287	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	5.50	113	163692	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	8.71	98	632148	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
62) 4-Bromofluorobenzene	11.14	95	237716	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123758	49.853	ug/l	98
3) Chloromethane	1.32	50	154708	49.334	ug/l	99
4) Vinyl Chloride	1.41	62	154758	48.517	ug/l	98
5) Bromomethane	1.64	94	114006	46.733	ug/l	98
6) Chloroethane	1.71	64	87266	58.359	ug/l	100
7) Trichlorofluoromethane	1.93	101	210602	50.470	ug/l	100
8) Diethyl Ether	2.19	74	85400	48.415	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	125810	50.846	ug/l	99
10) Methyl Iodide	2.51	142	153572	49.504	ug/l	99
11) Tert butyl alcohol	3.07	59	190882	231.809	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115488	47.878	ug/l	98
13) Acrolein	2.29	56	129695	263.211	ug/l	99
14) Allyl chloride	2.73	41	243370	49.315	ug/l	100
15) Acrylonitrile	3.15	53	430708	236.809	ug/l	100
16) Acetone	2.45	43	405428	236.030	ug/l	98
17) Carbon Disulfide	2.57	76	329670	50.616	ug/l	98
18) Methyl Acetate	2.78	43	221564	50.299	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	410758	49.265	ug/l	98
20) Methylene Chloride	2.85	84	130517	50.203	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	126296	50.042	ug/l	94
22) Diisopropyl ether	3.87	45	539042	51.024	ug/l	94
23) Vinyl Acetate	3.82	43	2097971	239.369	ug/l	99
24) 1,1-Dichloroethane	3.70	63	239240	48.068	ug/l	99
25) 2-Butanone	4.70	43	769987	241.505	ug/l	99
26) 2,2-Dichloropropane	4.59	77	225277	54.917	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	169419	48.030	ug/l	96
28) Bromochloromethane	5.02	49	153779	53.013	ug/l	99
29) Tetrahydrofuran	5.15	42	492489	247.618	ug/l	100
30) Chloroform	5.21	83	290963	48.242	ug/l	97
31) Cyclohexane	5.57	56	266744	51.309	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	244421	50.189	ug/l	99
36) 1,1-Dichloropropene	5.80	75	222533	52.276	ug/l	99
37) Ethyl Acetate	4.85	43	272460	49.749	ug/l	99
38) Carbon Tetrachloride	5.78	117	214225	53.541	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	273066	56.306	ug/l	99
40) Benzene	6.14	78	649925	51.822	ug/l	100
41) Methacrylonitrile	5.06	41	154549	51.206	ug/l	99
42) 1,2-Dichloroethane	6.20	62	237194	50.587	ug/l	100
43) Isopropyl Acetate	6.46	43	413528	52.284	ug/l	99
44) Trichloroethene	7.21	130	181248	51.998	ug/l	98
45) 1,2-Dichloropropane	7.51	63	174562	52.594	ug/l	99
46) Dibromomethane	7.66	93	114256	50.266	ug/l	100
47) Bromodichloromethane	7.90	83	218743	52.032	ug/l	98
48) Methyl methacrylate	7.77	41	220867	55.061	ug/l	100
49) 1,4-Dioxane	7.75	88	95170	1000.034	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1513291	266.887	ug/l	100
52) Toluene	8.79	92	416023	53.630	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	240740	54.876	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	264525	54.545	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	169111	50.337	ug/l	99
56) Ethyl methacrylate	9.18	69	254098	48.652	ug/l	98
57) 1,3-Dichloropropane	9.37	76	284059	51.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	854106	291.383	ug/l	99
59) 2-Hexanone	9.49	43	1226188	272.493	ug/l	99
60) Dibromochloromethane	9.59	129	177653	53.936	ug/l	99
61) 1,2-Dibromoethane	9.67	107	181358	52.399	ug/l	99
64) Tetrachloroethene	9.34	164	193798	53.562	ug/l	98
65) Chlorobenzene	10.14	112	470103	52.126	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	163787	52.899	ug/l	100
67) Ethyl Benzene	10.25	91	818371	55.421	ug/l	100
68) m/p-Xylenes	10.36	106	637411	110.854	ug/l	99
69) o-Xylene	10.70	106	301419	54.879	ug/l	99
70) Styrene	10.71	104	512292	57.204	ug/l	99
71) Bromoform	10.86	173	145704	52.572	ug/l	98
73) Isopropylbenzene	11.02	105	831552	55.473	ug/l	99
74) N-amyl acetate	10.90	43	375372	49.165	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	278888	49.368	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268265m	52.594	ug/l	
77) Bromobenzene	11.26	156	219125	52.181	ug/l	99
78) n-propylbenzene	11.36	91	986717	56.522	ug/l	100
79) 2-Chlorotoluene	11.42	91	568955	53.872	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	714947	56.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84251	55.867	ug/l	99
82) 4-Chlorotoluene	11.51	91	689494	55.942	ug/l	100
83) tert-Butylbenzene	11.77	119	684025	55.439	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	731375	56.731	ug/l	99
85) sec-Butylbenzene	11.94	105	856779	56.771	ug/l	99
86) p-Isopropyltoluene	12.07	119	764153	56.791	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	406583	52.512	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	413194	51.479	ug/l	99
89) n-Butylbenzene	12.39	91	705491	57.910	ug/l	99
90) Hexachloroethane	12.60	117	115376	53.732	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	408241	51.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66405	50.658	ug/l	96

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VSTDCCC050

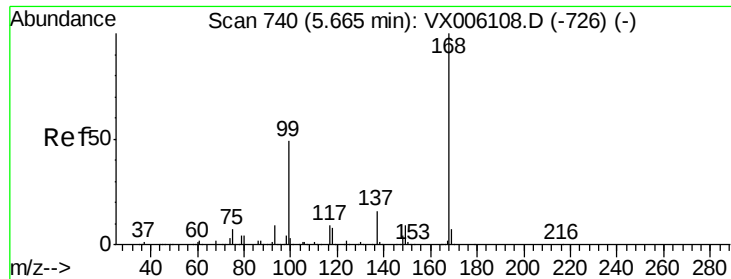
Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:52:15 AM

Quant Time: Nov 22 02:07:52 2018
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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)
93) 1,2,4-Trichlorobenzene	13.65	180	307151	55.081	ug/l	98
94) Hexachlorobutadiene	13.78	225	148880	54.781	ug/l	99
95) Naphthalene	13.83	128	920825	56.156	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305856	53.800	ug/l	100

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



#1

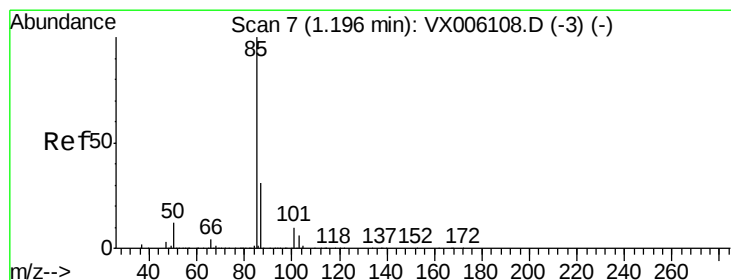
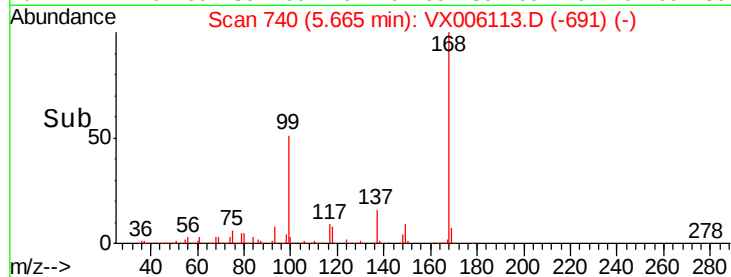
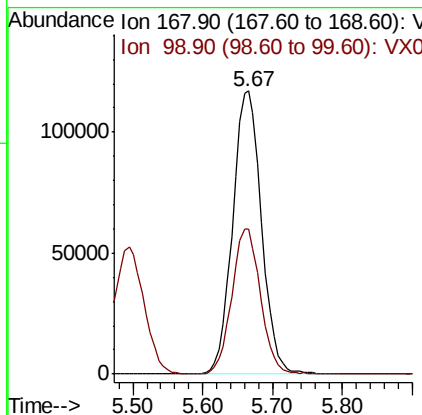
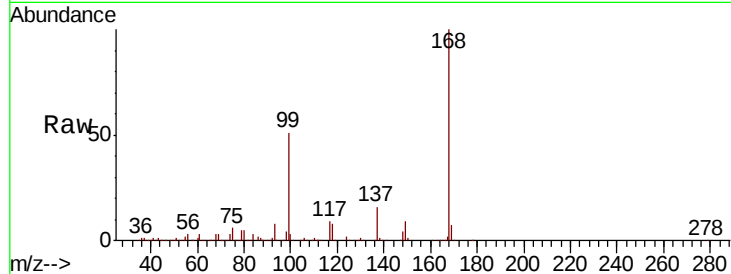
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.9	39.2	58.8

Manual Integrations
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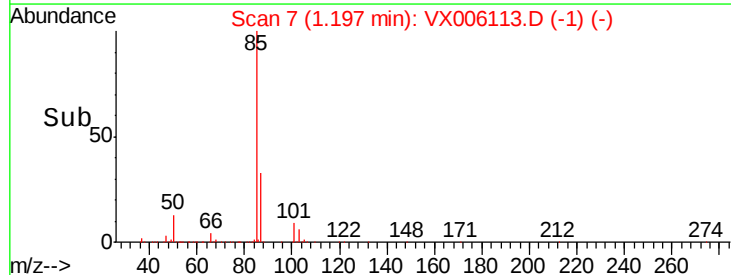
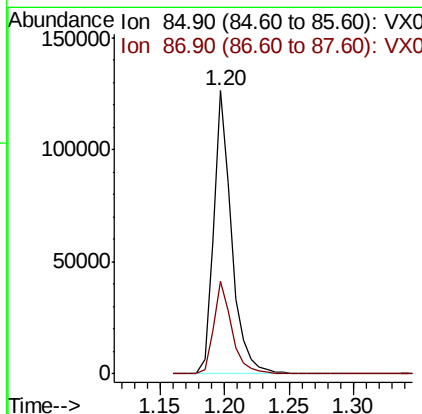
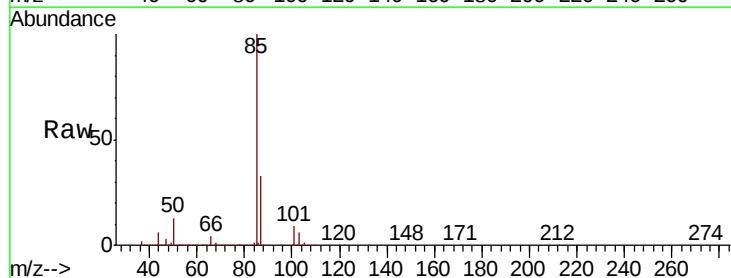
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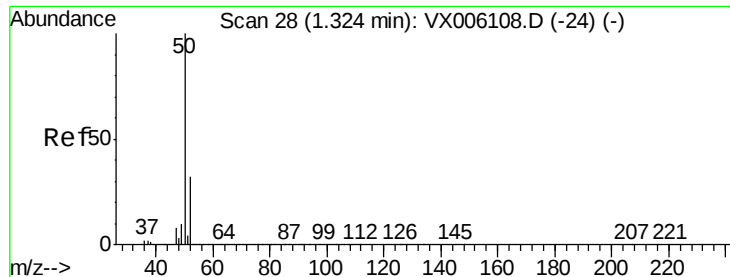


#2

Dichlorodifluoromethane
 Concen: 49.853 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.7	47.1





#3

Chloromethane

Concen: 49.334 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 154708

Ion Ratio Lower Upper

50 100

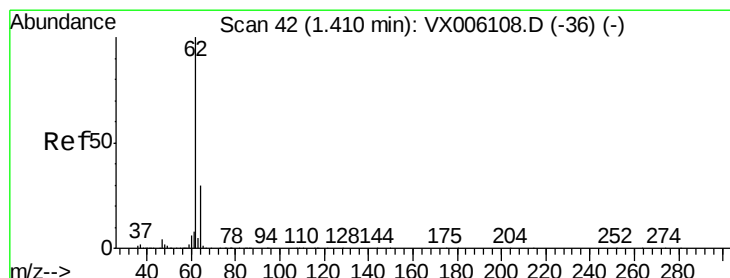
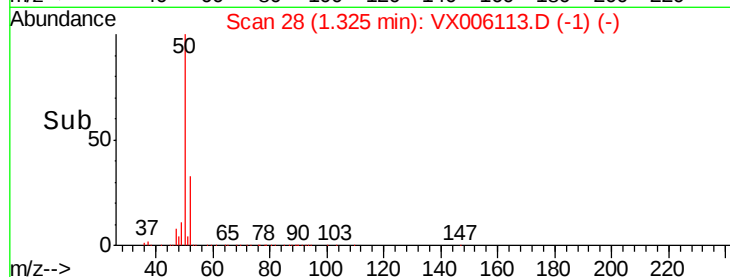
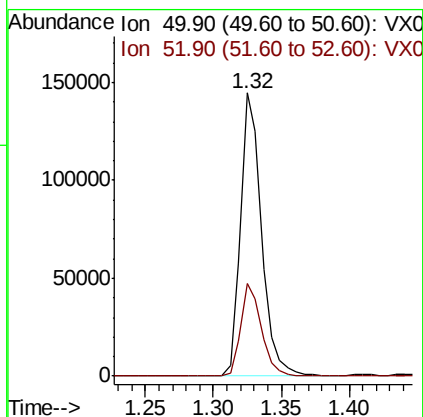
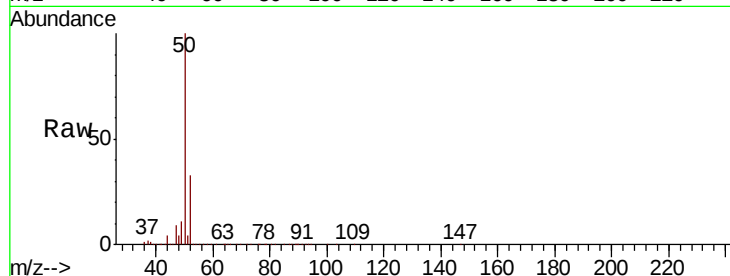
52 32.6 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.517 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006113.D

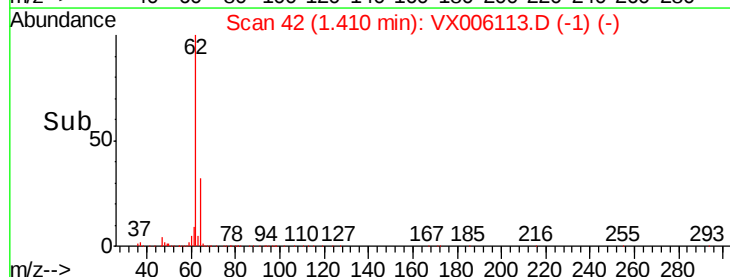
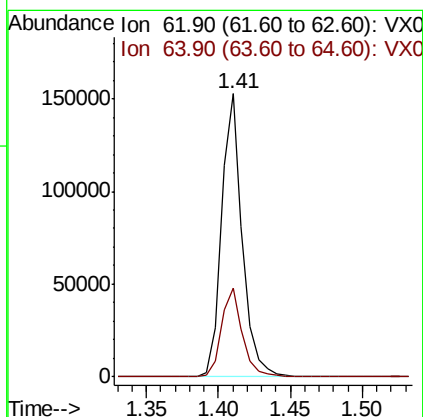
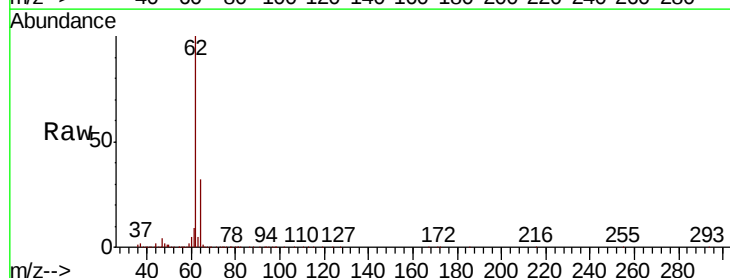
Acq: 21 Nov 2018 10:08

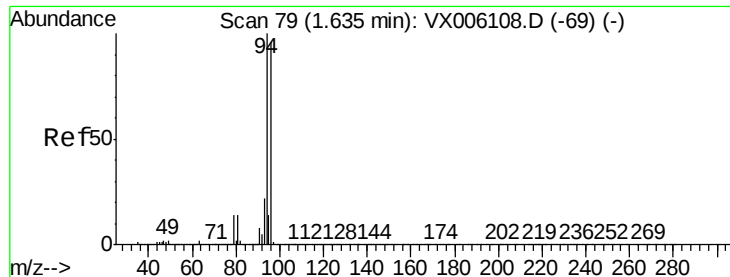
Tgt Ion: 62 Resp: 154758

Ion Ratio Lower Upper

62 100

64 31.5 24.2 36.4





#5

Bromomethane

Concen: 46.733 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 114006

Ion Ratio Lower Upper

94 100

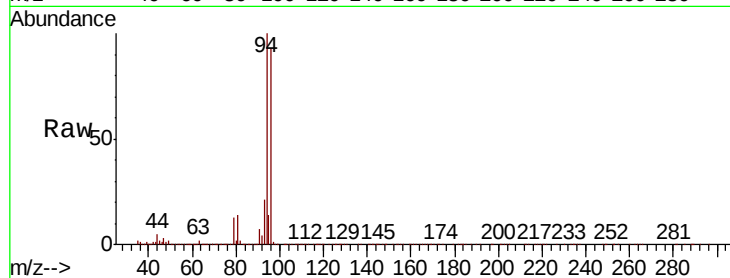
96 93.5 76.7 115.1

Manual Integrations

APPROVED

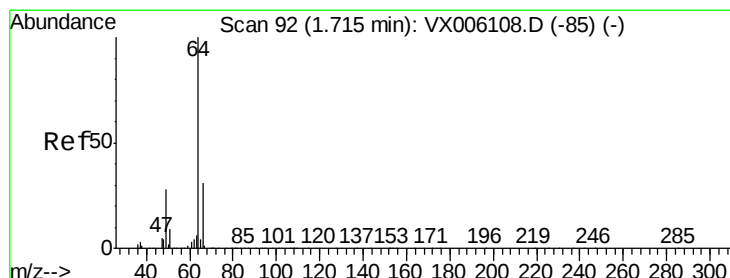
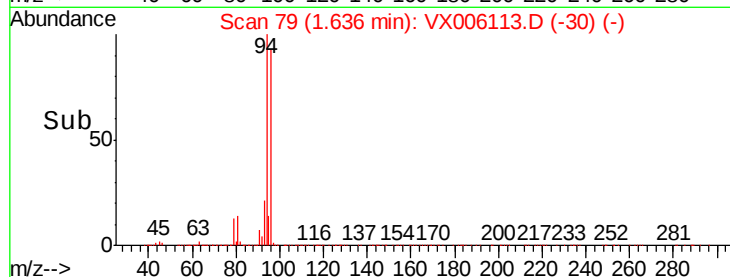
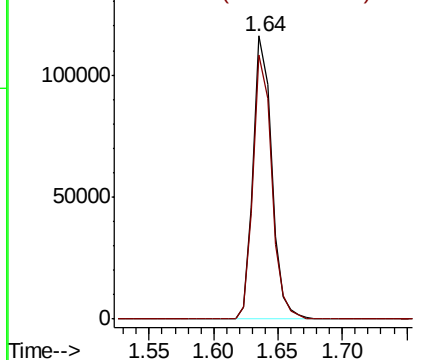
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.359 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006113.D

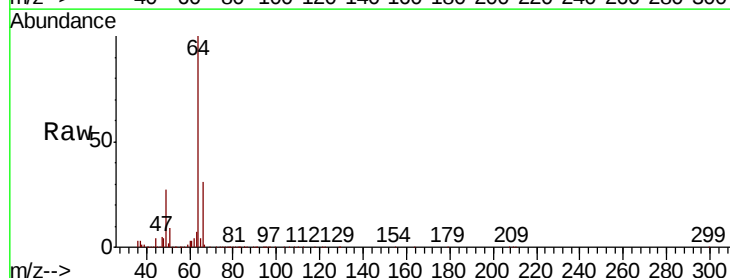
Acq: 21 Nov 2018 10:08

Tgt Ion: 64 Resp: 87266

Ion Ratio Lower Upper

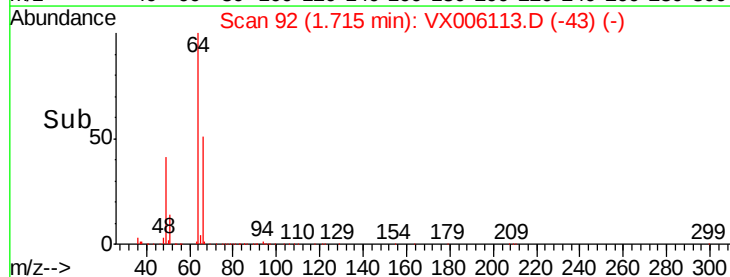
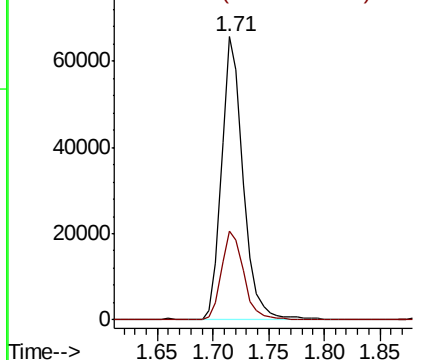
64 100

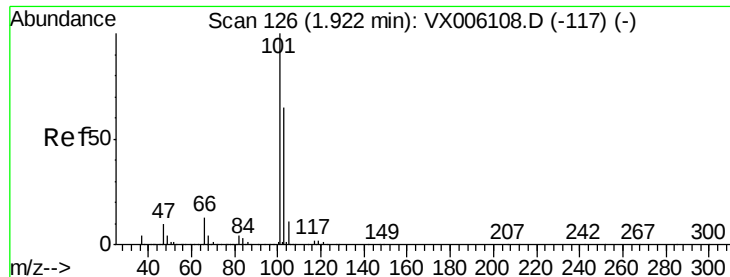
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

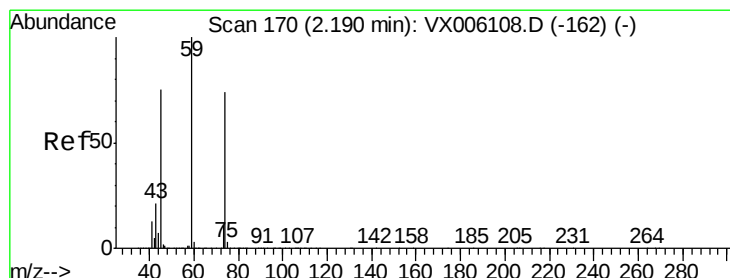
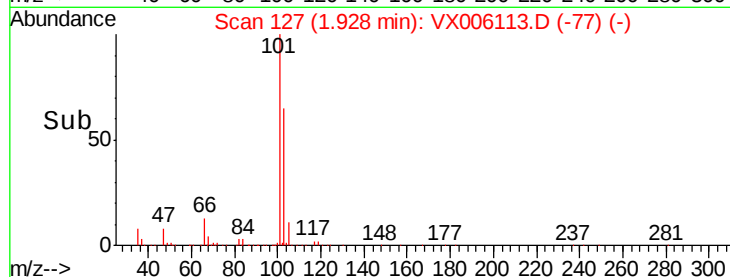
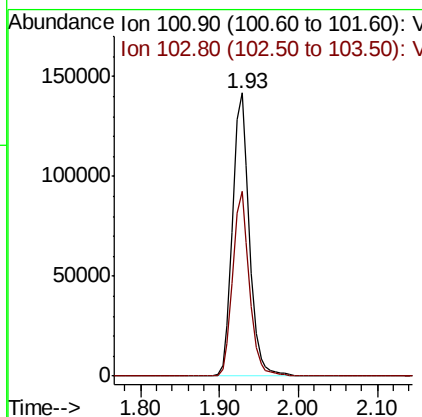
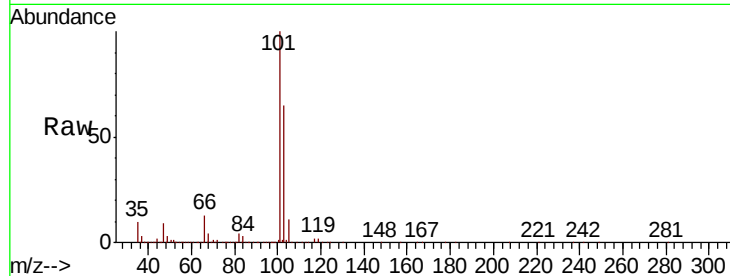
Trichlorofluoromethane
Concen: 50.470 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
210602	101	100			
	103	65.3	52.1	78.1	

Manual Integrations
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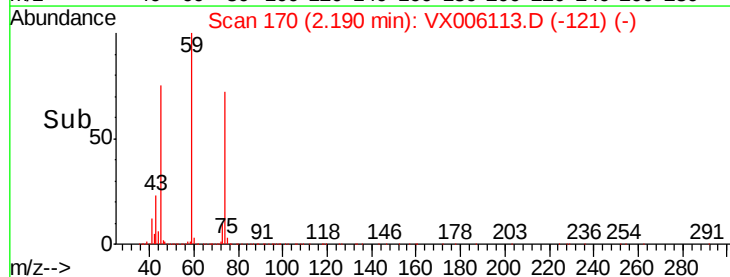
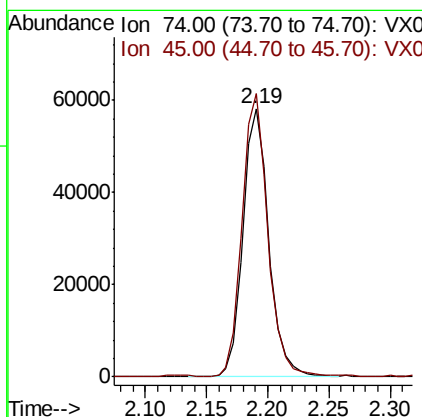
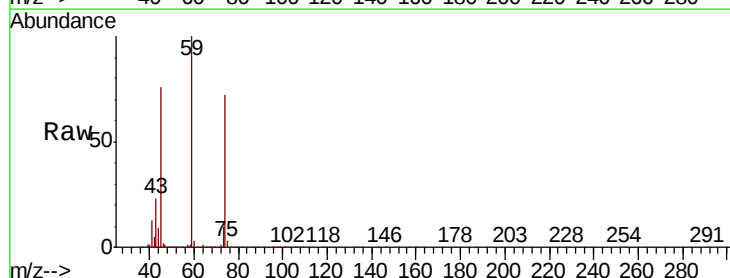
MMDadoda
11/26/2018 10:52:15 AM

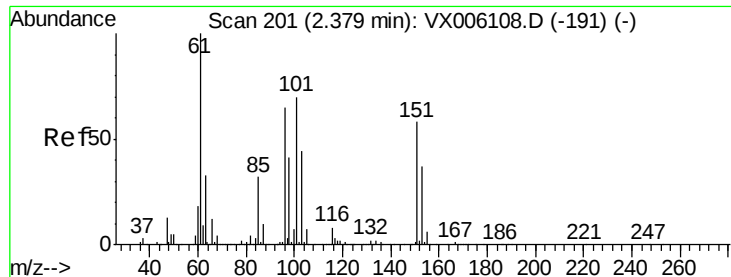


#8

Diethyl Ether
Concen: 48.415 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85400	74	100			
	45	105.6	52.2	156.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.846 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

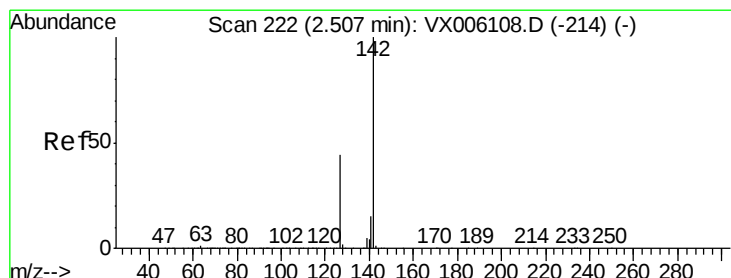
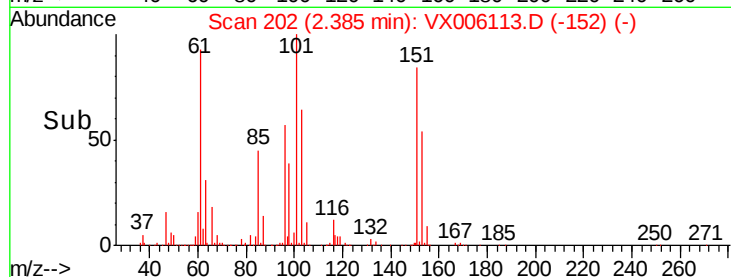
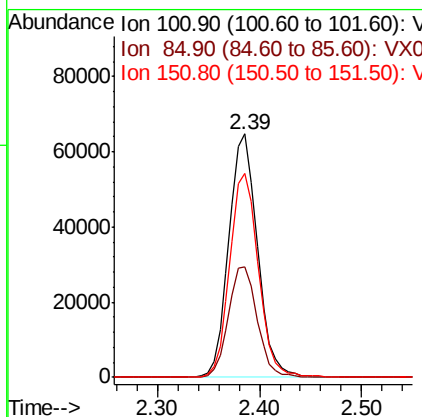
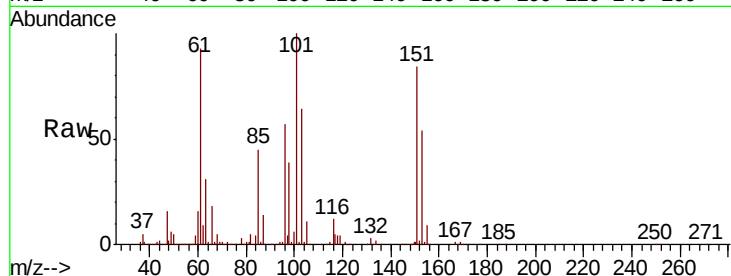
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	125810
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.0	54.0
151	83.5	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 49.504 ug/l

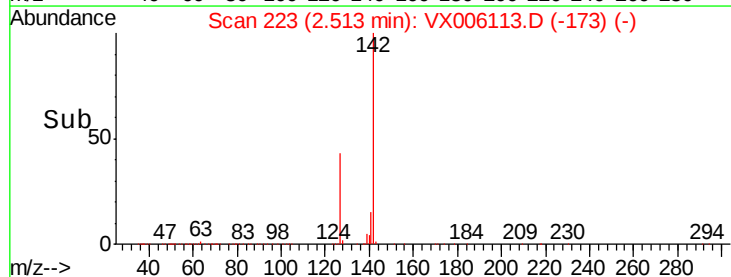
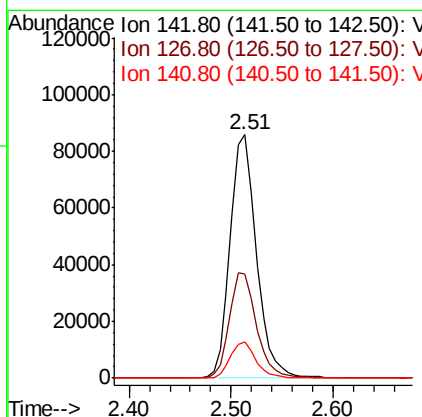
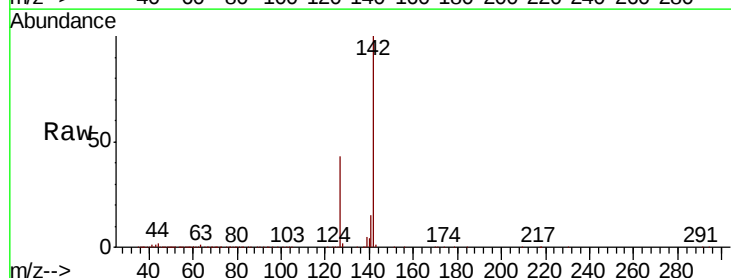
RT: 2.51 min Scan# 223

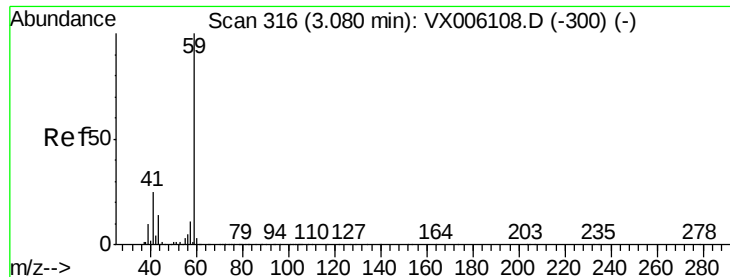
Delta R.T. 0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion:	142	Resp:	153572
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.0	54.0
141	14.6	11.7	17.5





#11

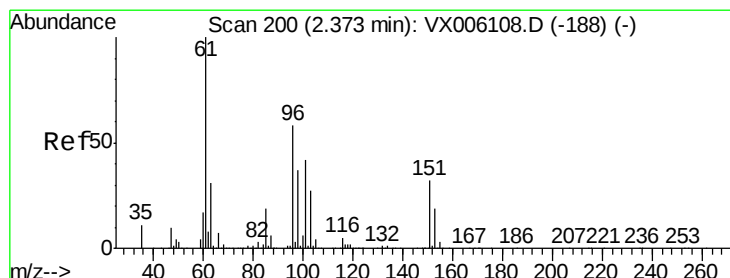
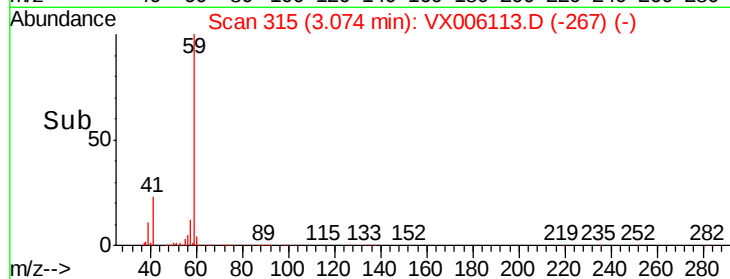
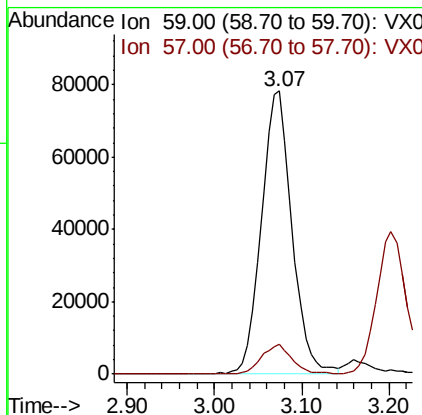
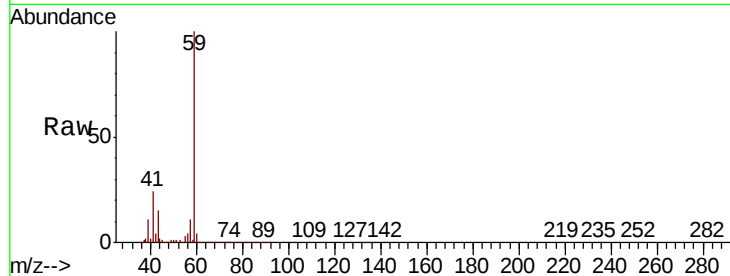
Tert butyl alcohol
Concen: 231.809 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.7	13.1

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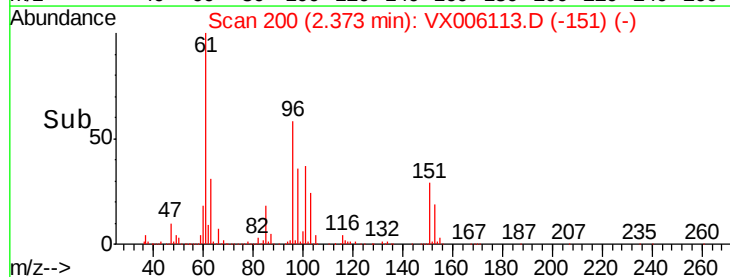
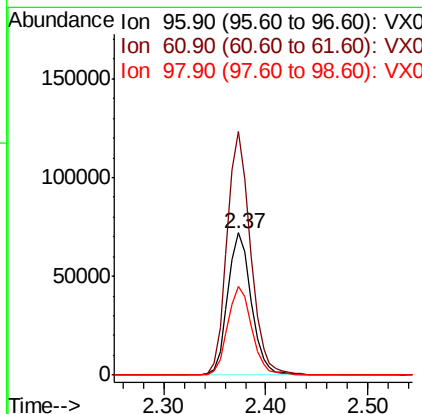
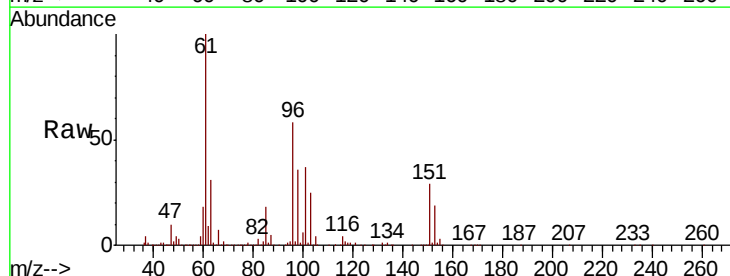
MMDadoda
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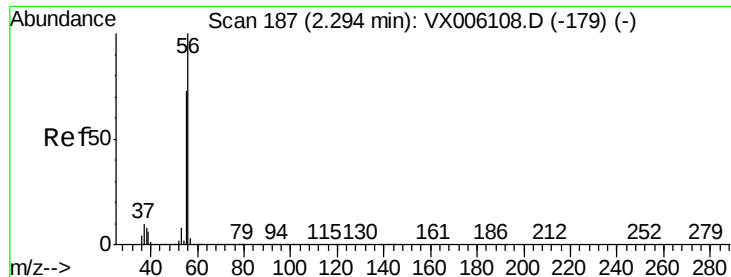


#12

1,1-Dichloroethene
Concen: 47.878 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	138.2	207.4
98	62.2	51.3	76.9





#13

Acrolein

Concen: 263.211 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 129695

Ion Ratio Lower Upper

56 100

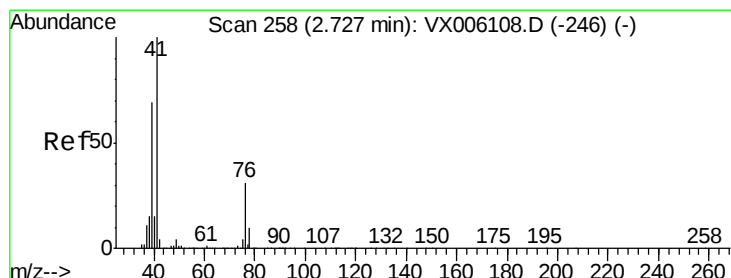
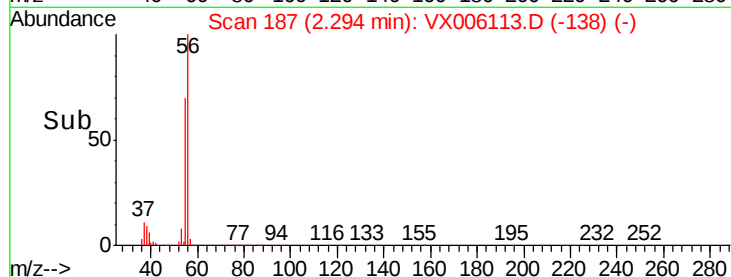
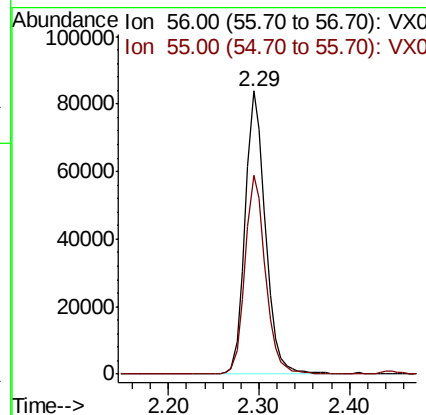
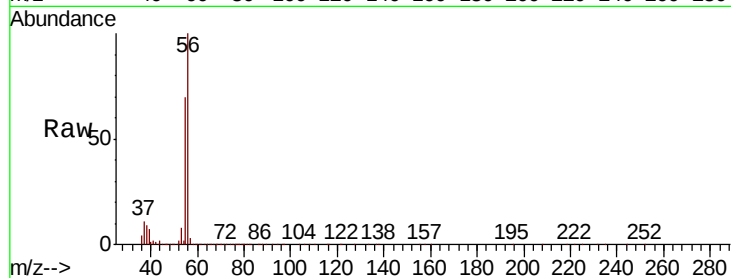
55 71.3 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 49.315 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

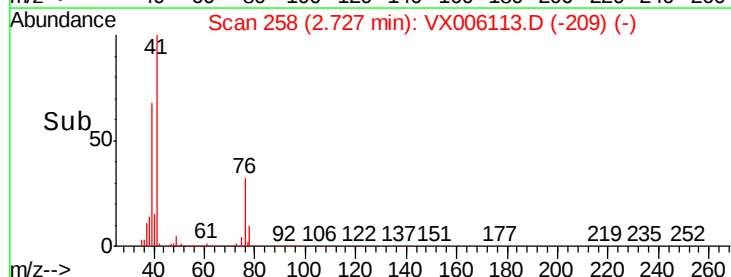
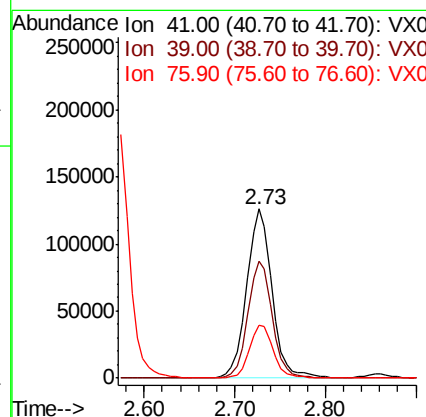
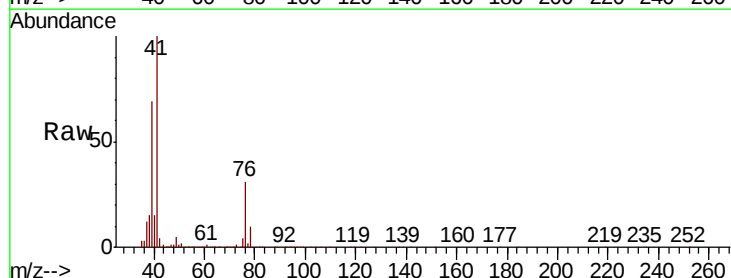
Tgt Ion: 41 Resp: 243370

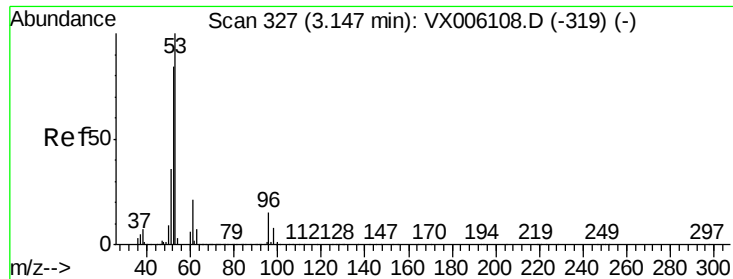
Ion Ratio Lower Upper

41 100

39 65.9 52.5 78.7

76 29.3 23.4 35.2





#15

Acrylonitrile

Concen: 236.809 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

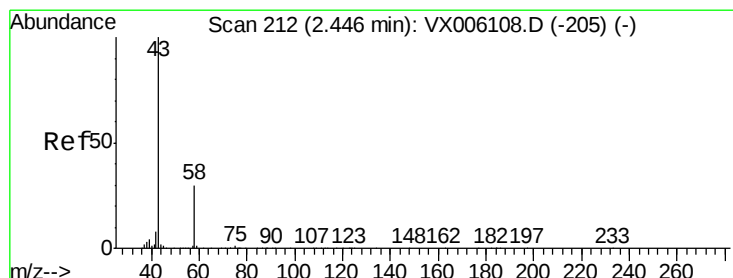
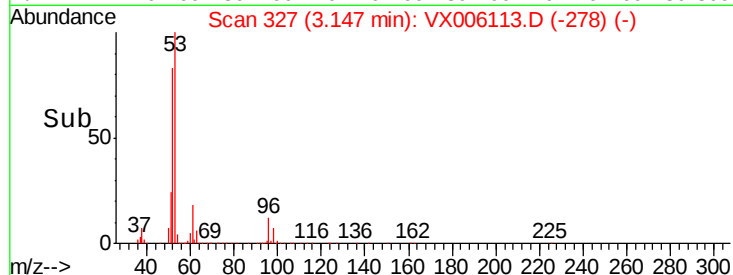
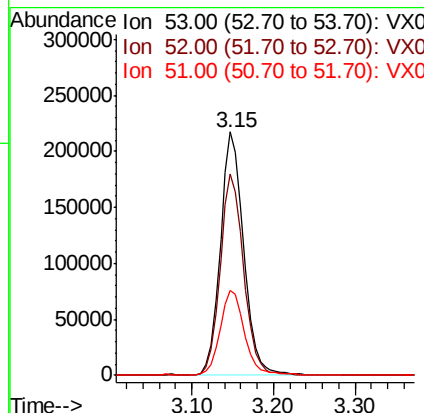
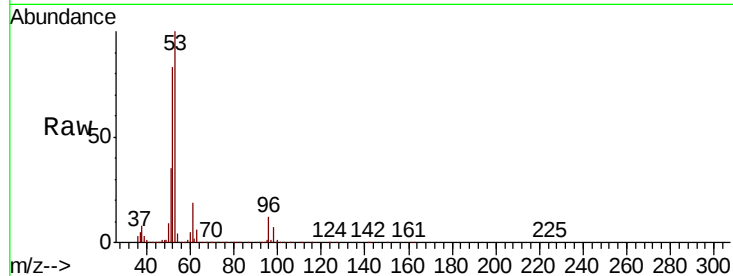
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	430708
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.4	99.6
51	36.5	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 236.030 ug/l

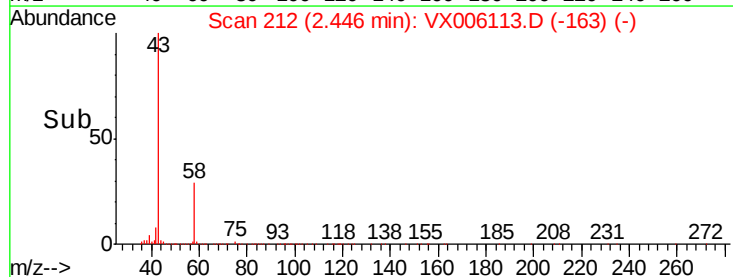
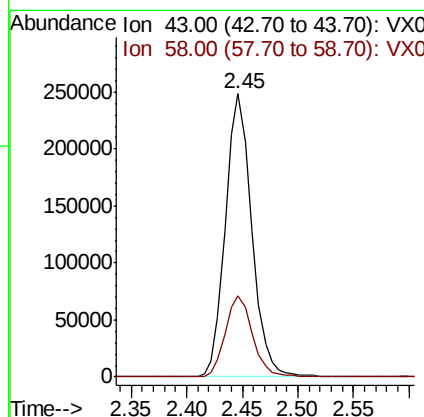
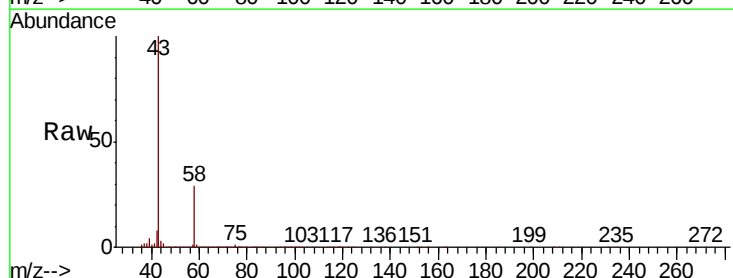
RT: 2.45 min Scan# 212

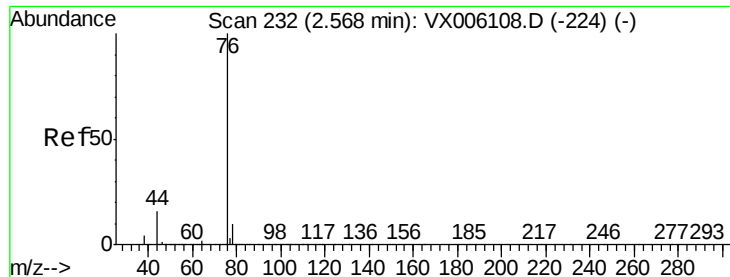
Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion:	43	Resp:	405428
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.8	35.8





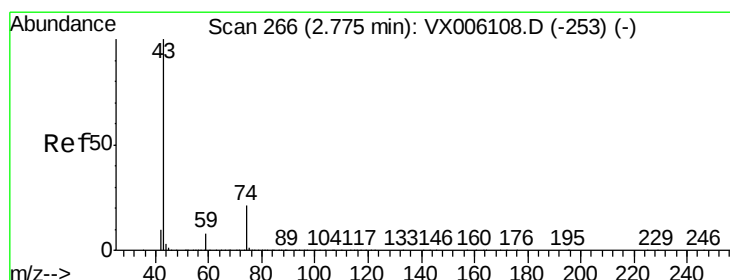
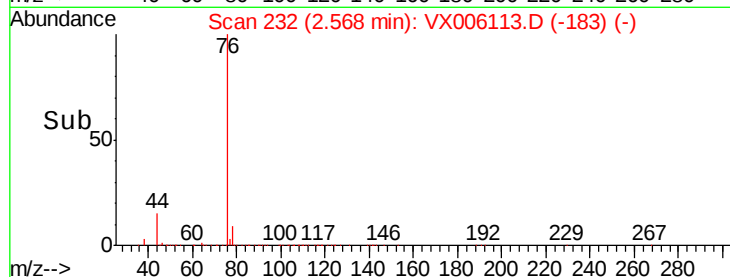
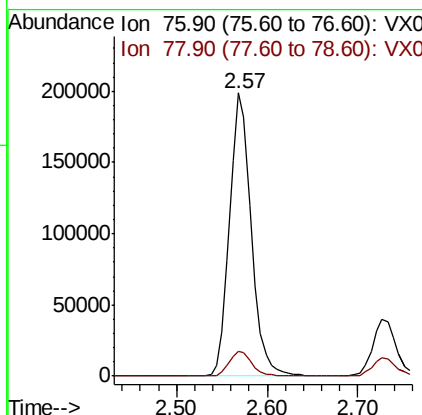
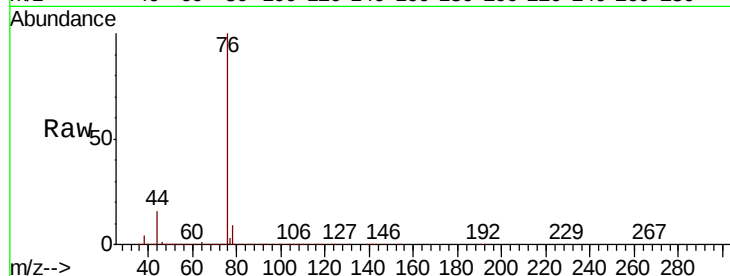
#17
Carbon Disulfide
Concen: 50.616 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.7	11.5

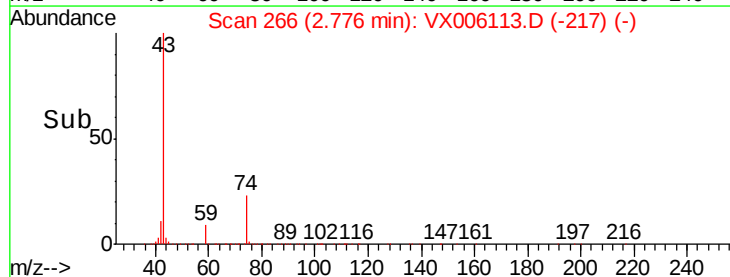
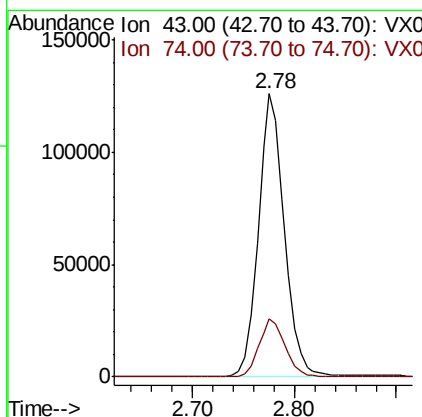
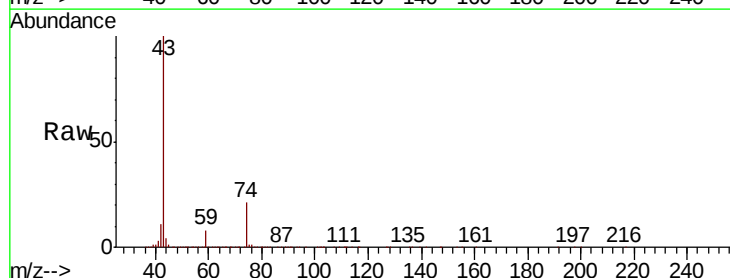
Manual Integrations
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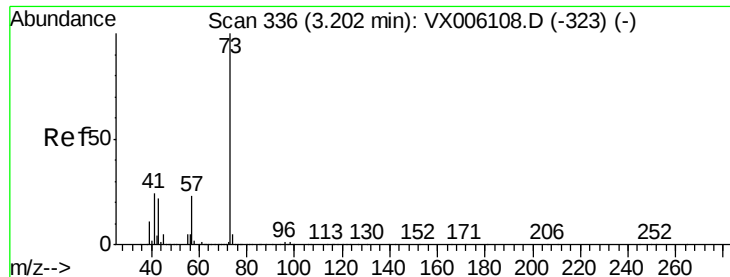
MMDadoda
11/26/2018 10:52:15 AM



#18
Methyl Acetate
Concen: 50.299 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.3	25.9





#19

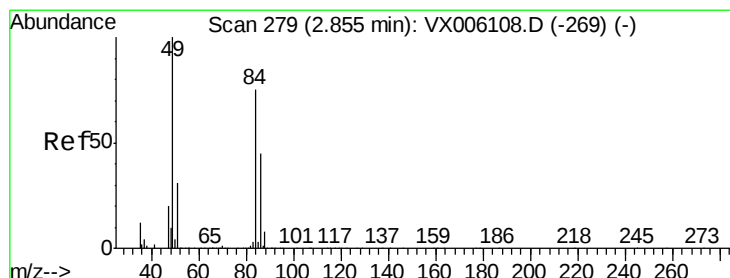
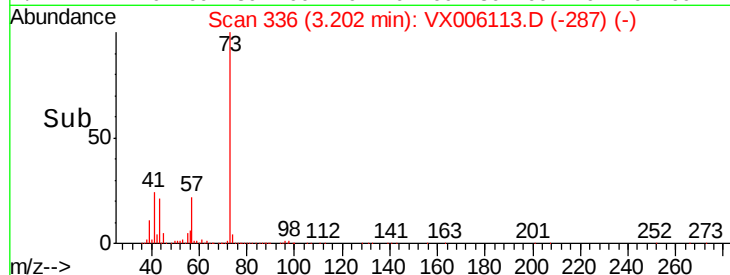
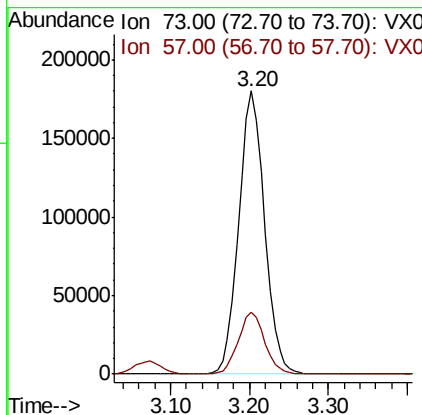
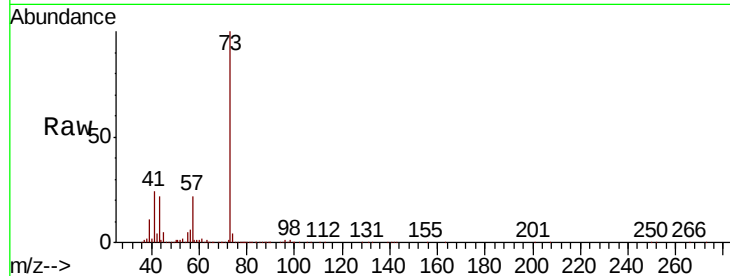
Methyl tert-butyl Ether
 Concen: 49.265 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.2	27.4

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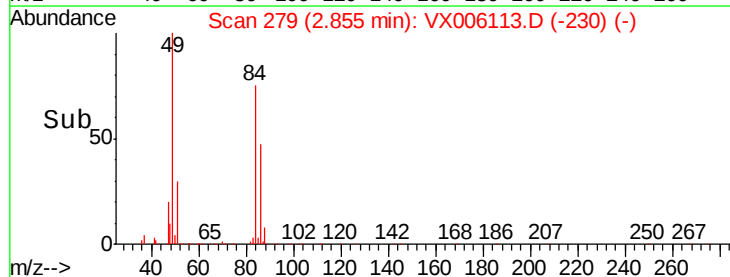
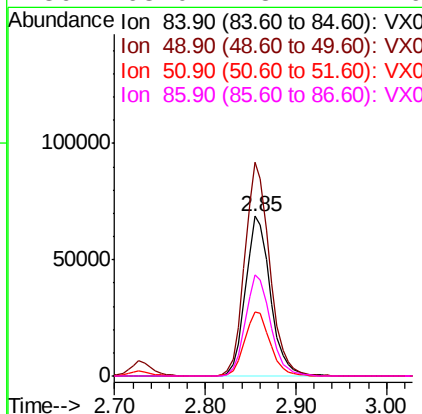
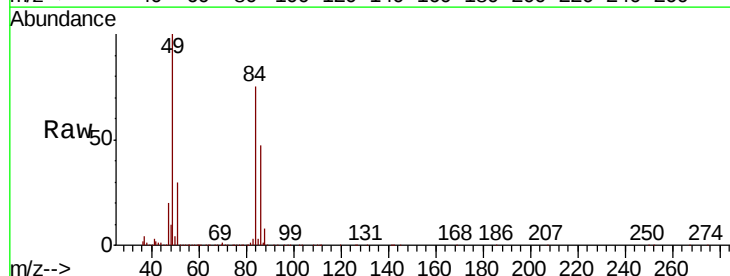
MMDadoda
 11/26/2018 10:52:15 AM

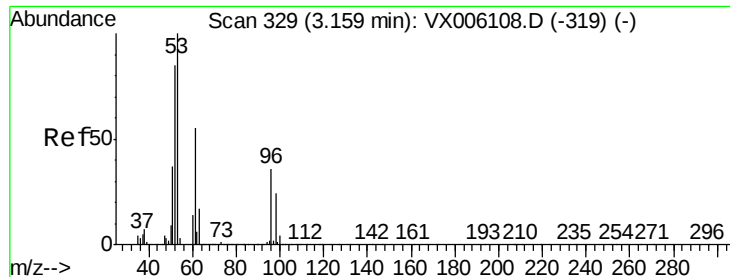


#20

Methylene Chloride
 Concen: 50.203 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.6	106.6	159.8
51	40.2	32.6	49.0
86	63.0	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 50.042 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

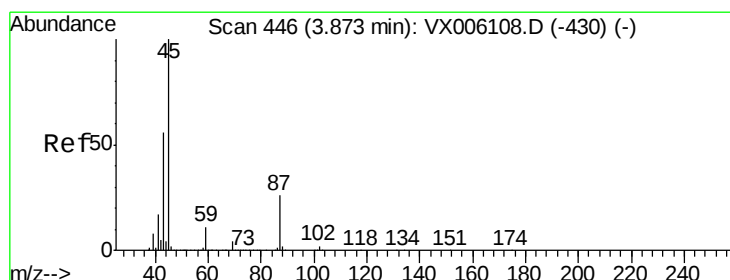
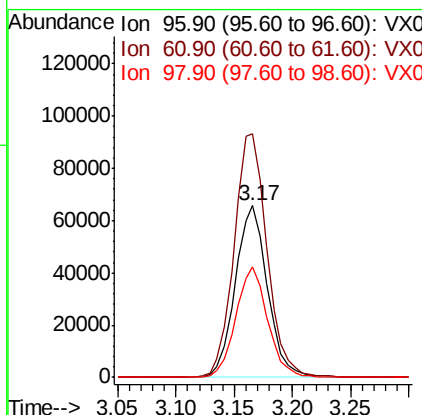
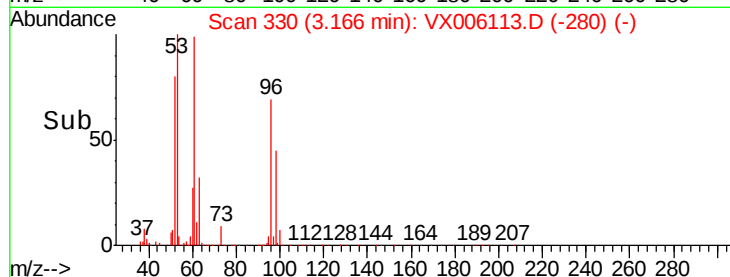
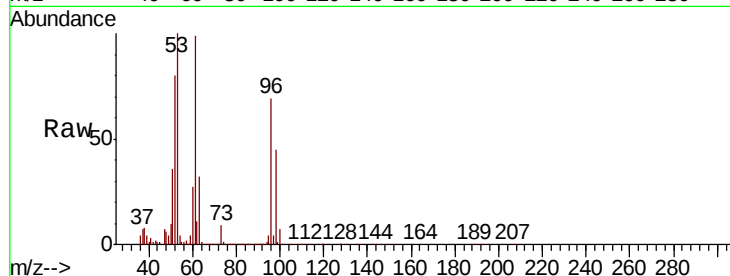
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	126296
Ion	Ratio	Lower	Upper
96	100		
61	141.8	122.0	183.0
98	64.4	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.024 ug/l

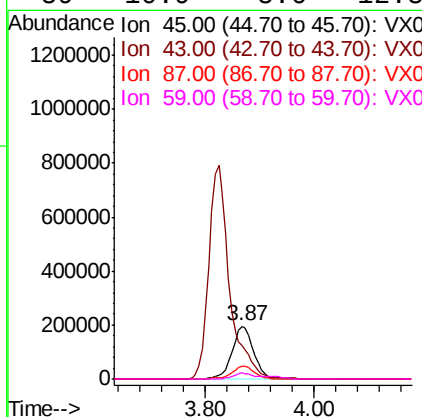
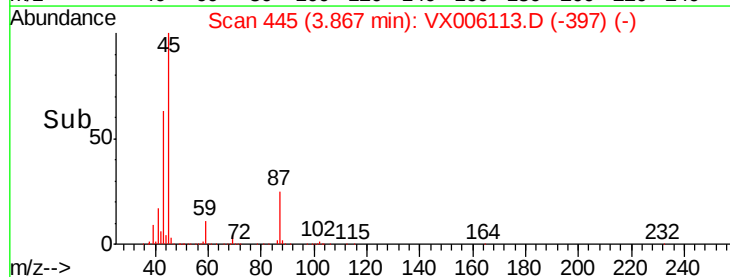
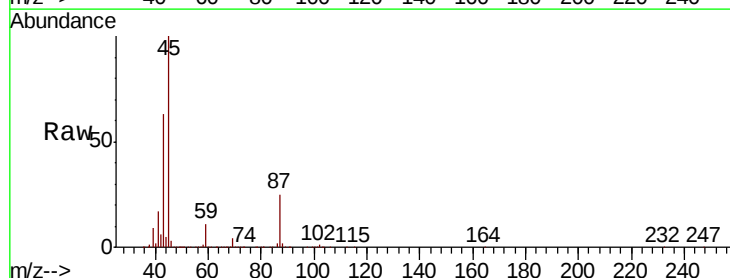
RT: 3.87 min Scan# 445

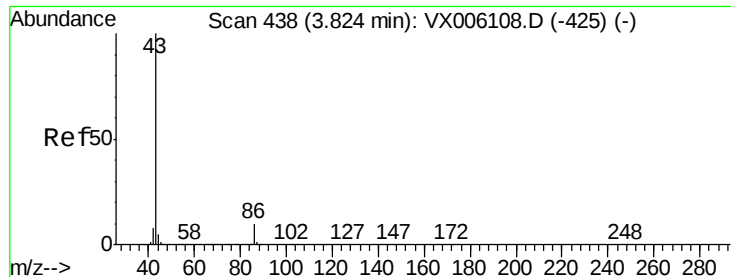
Delta R.T. -0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion:	45	Resp:	539042
Ion	Ratio	Lower	Upper
45	100		
43	63.3	45.8	68.8
87	25.0	21.0	31.4
59	10.9	8.6	12.8





#23

Vinyl Acetate

Concen: 239.369 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2097971

Ion Ratio Lower Upper

43 100

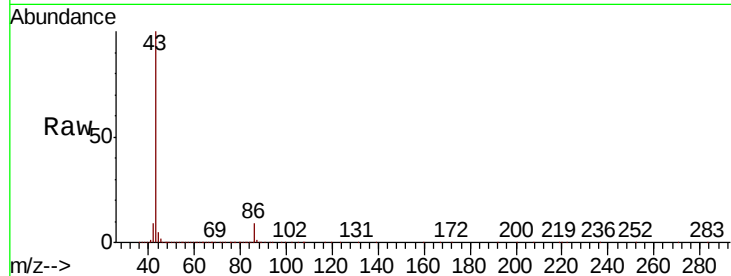
86 9.2 7.6 11.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

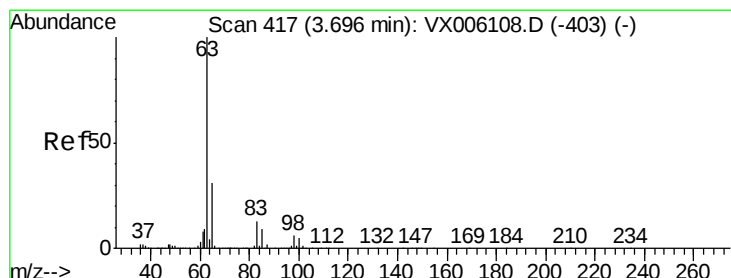
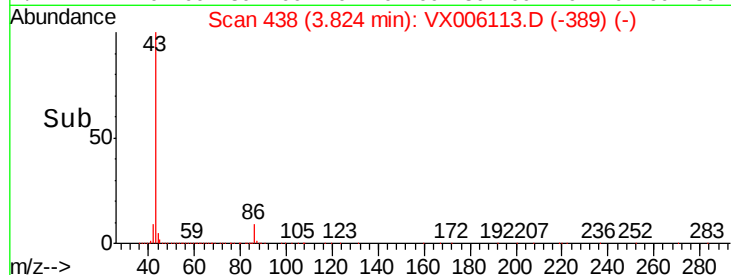
0

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.068 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

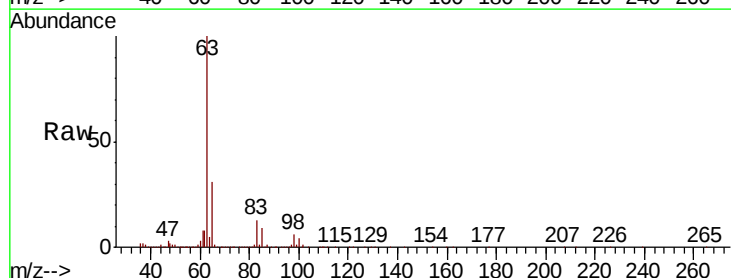
Tgt Ion: 63 Resp: 239240

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

50000

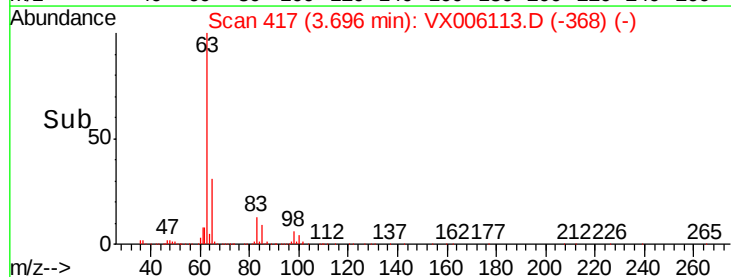
0

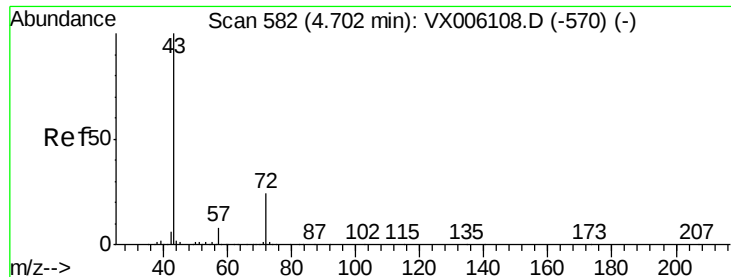
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 241.505 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 769987

Ion Ratio Lower Upper

43 100

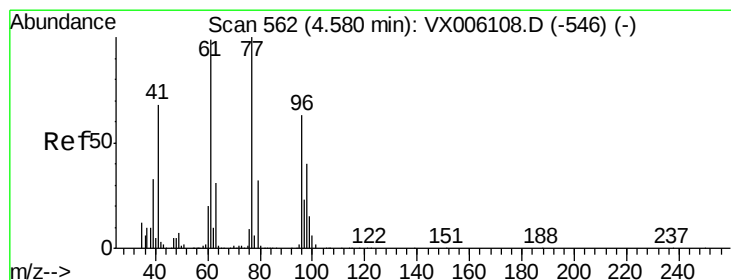
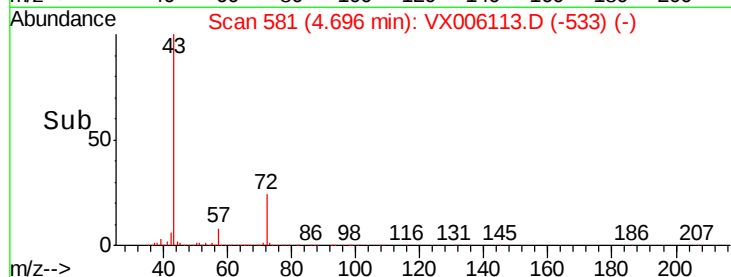
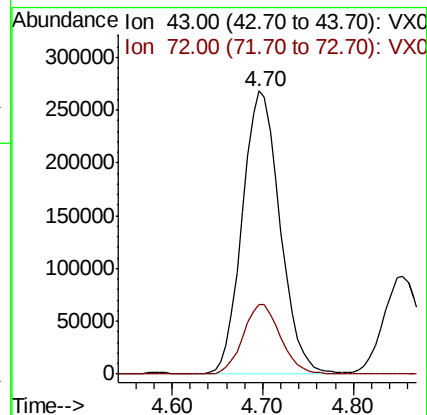
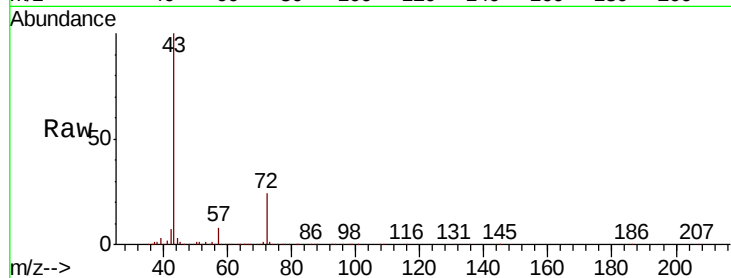
72 24.4 19.2 28.8

Manual Integrations

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MMDadoda

11/26/2018 10:52:15 AM



#26

2,2-Dichloropropane

Concen: 54.917 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006113.D

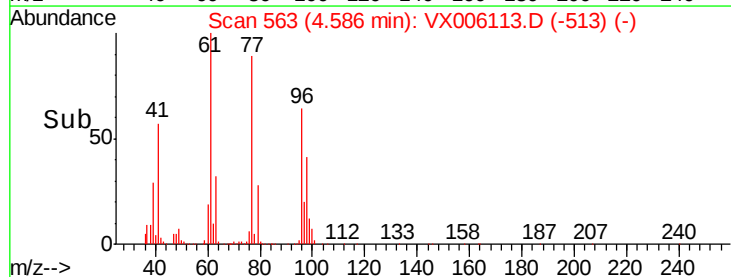
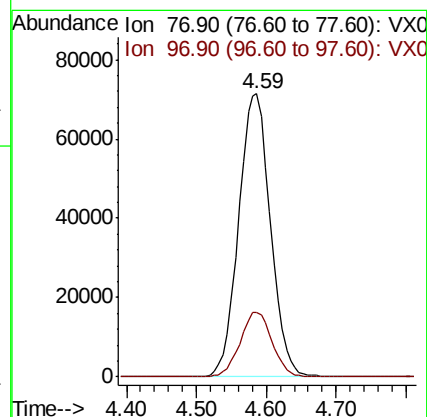
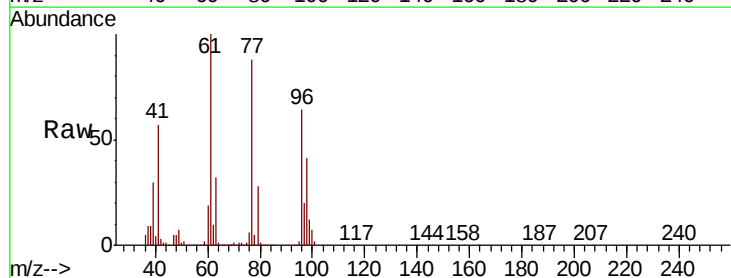
Acq: 21 Nov 2018 10:08

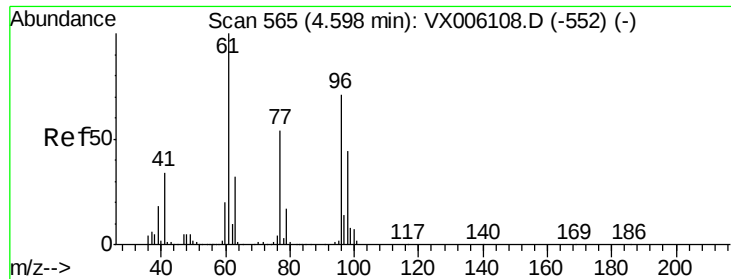
Tgt Ion: 77 Resp: 225277

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

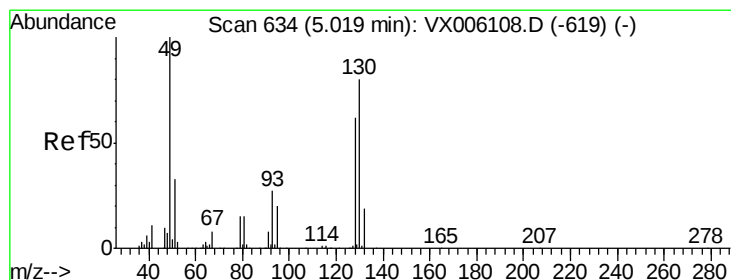
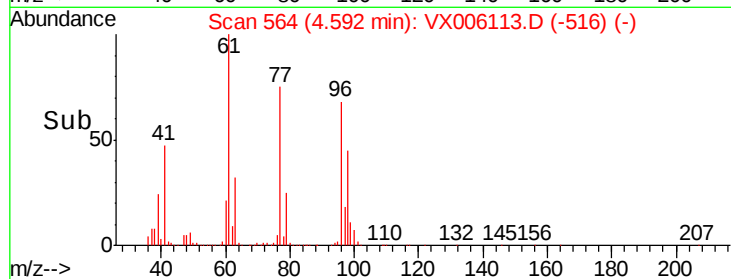
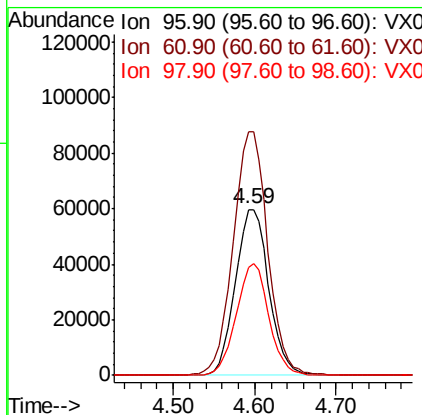
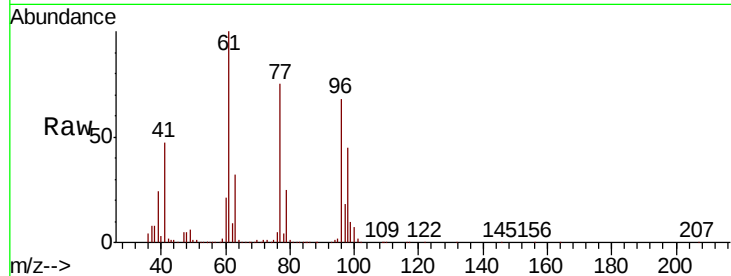
cis-1,2-Dichloroethene
Concen: 48.030 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	169419		
61	151.0	0.0	291.6	
98	65.7	0.0	128.2	

Manual Integrations
APPROVED

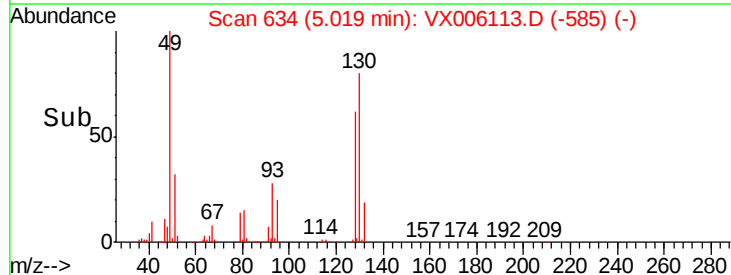
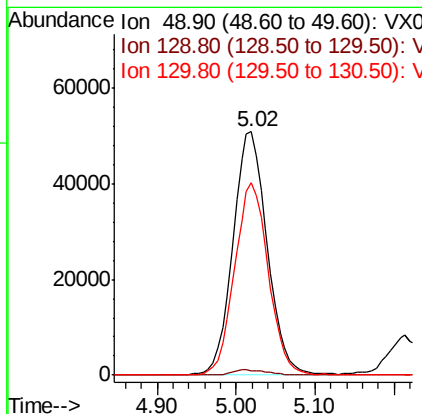
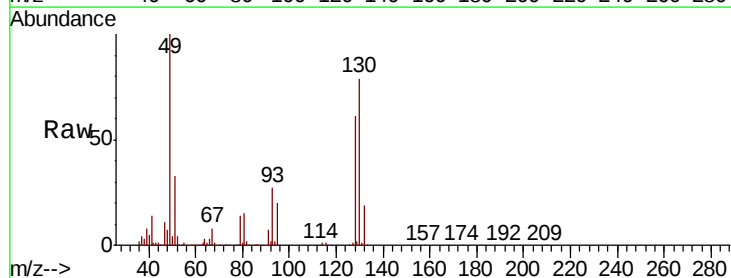
MMDadoda
11/26/2018 10:52:15 AM

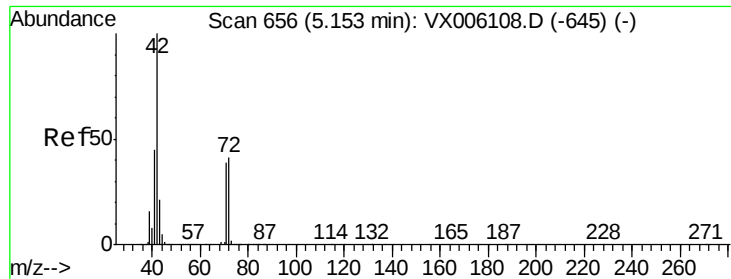


#28

Bromochloromethane
Concen: 53.013 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153779		
129	2.3	0.0	4.4	
130	77.4	61.6	92.4	





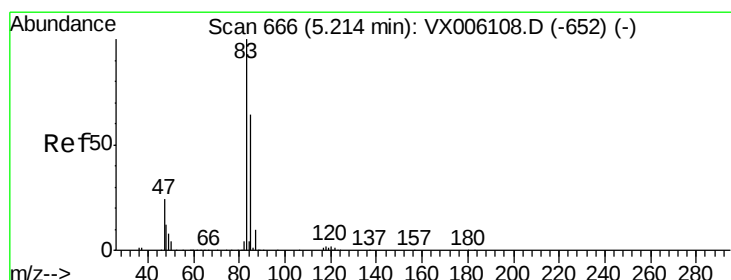
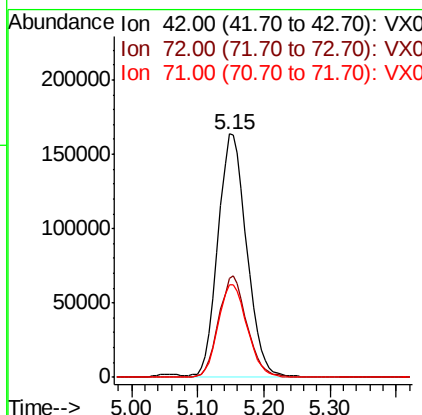
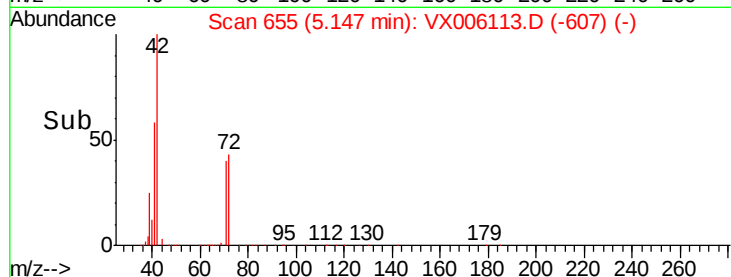
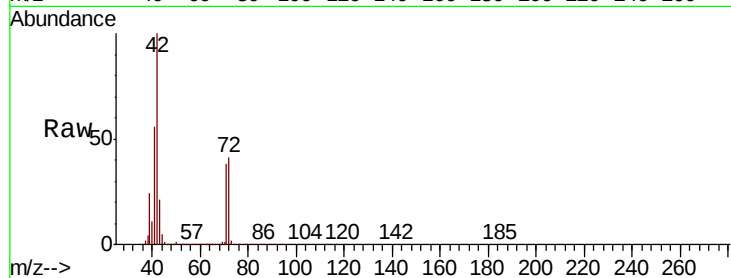
#29
Tetrahydrofuran
Concen: 247.618 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.0	49.6
71	38.5	31.0	46.4

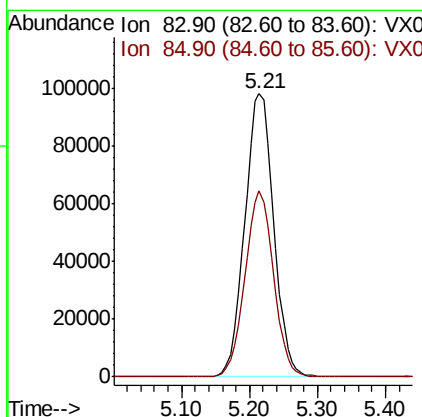
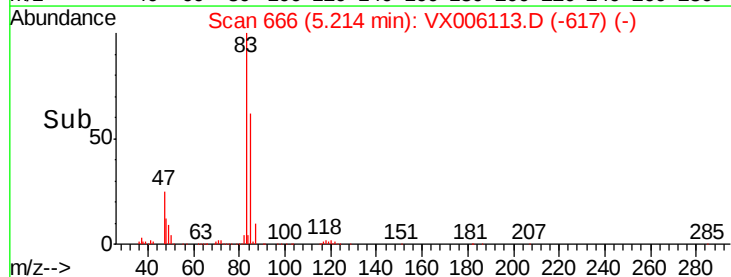
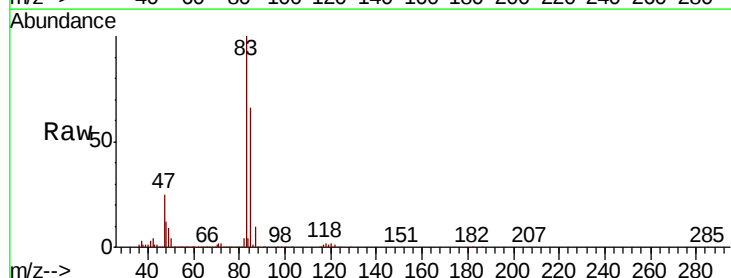
Manual Integrations
APPROVED

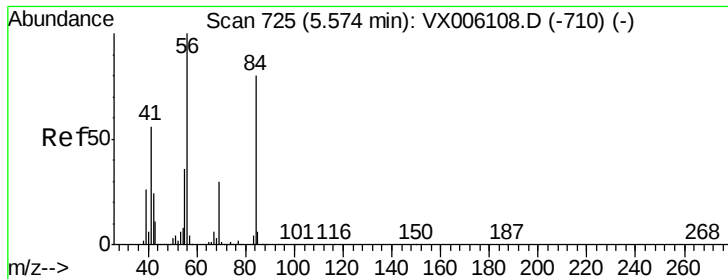
MMDadoda
11/26/2018 10:52:15 AM



#30
Chloroform
Concen: 48.242 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.0	76.4





#31

Cyclohexane

Concen: 51.309 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

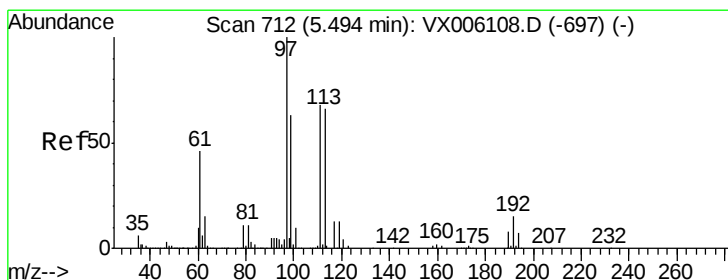
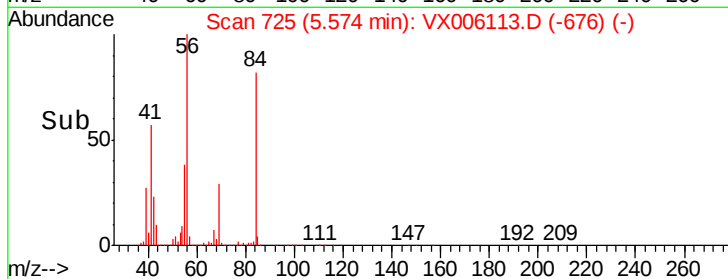
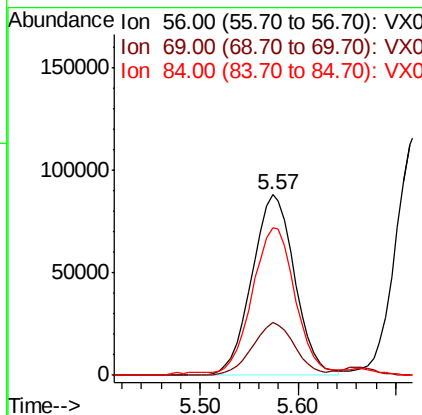
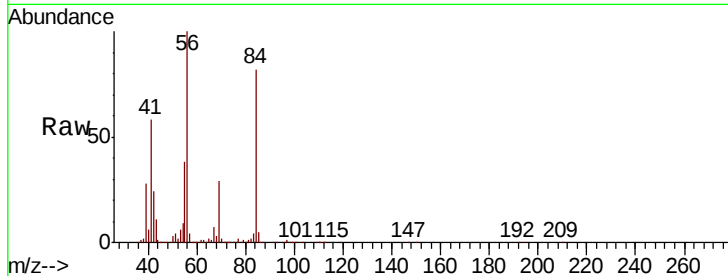
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	266744
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.9	35.9
84	80.1	63.6	95.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.189 ug/l

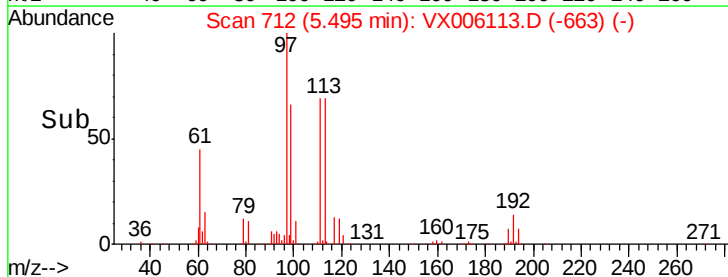
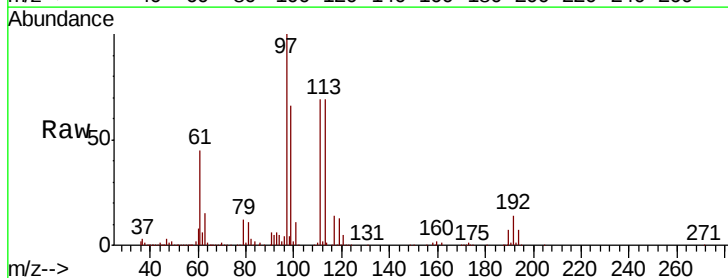
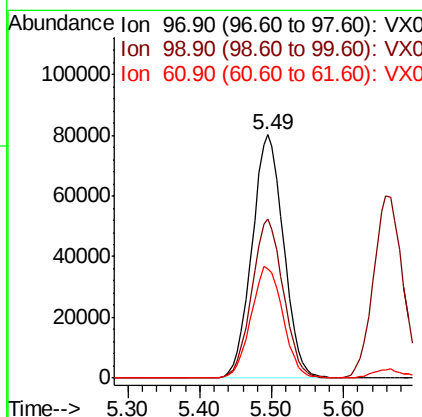
RT: 5.49 min Scan# 712

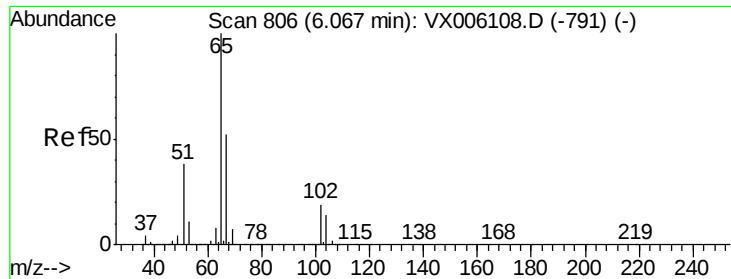
Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion:	97	Resp:	244421
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	46.4	36.6	55.0





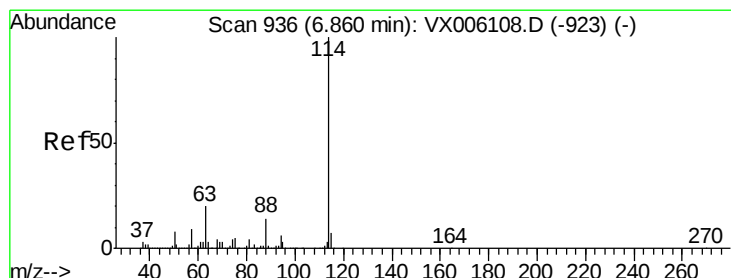
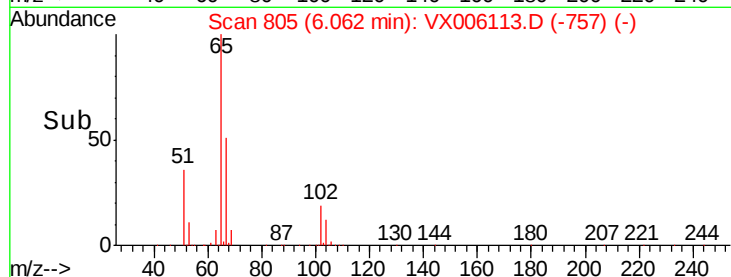
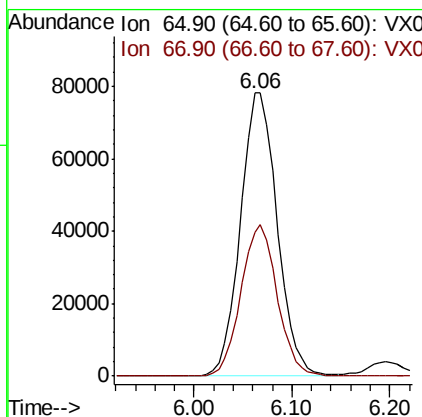
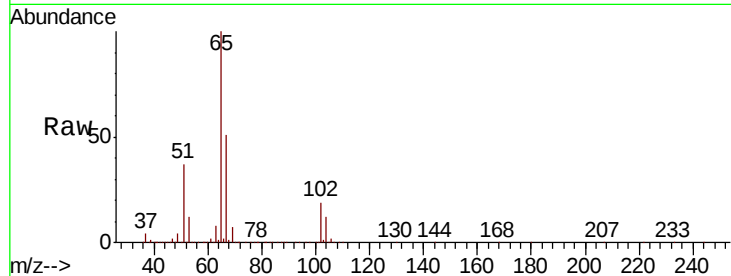
#33
 1,2-Dichloroethane-d4
 Concen: 52.775 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8

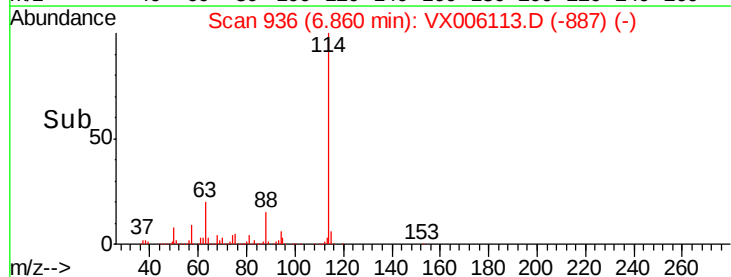
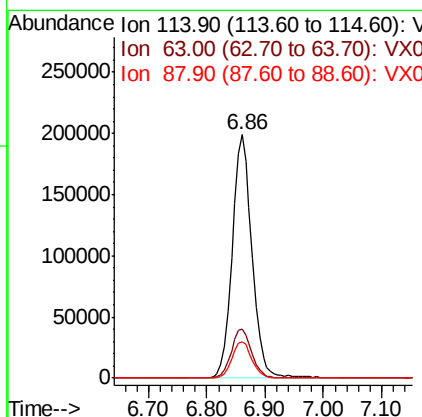
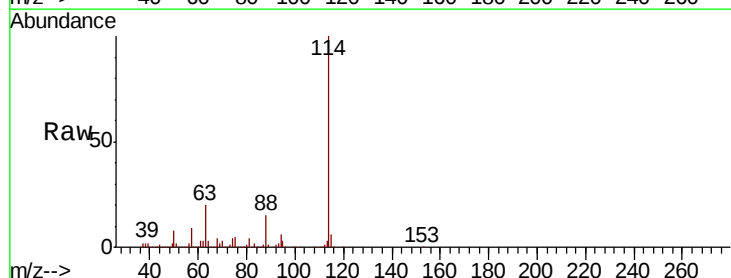
Manual Integrations
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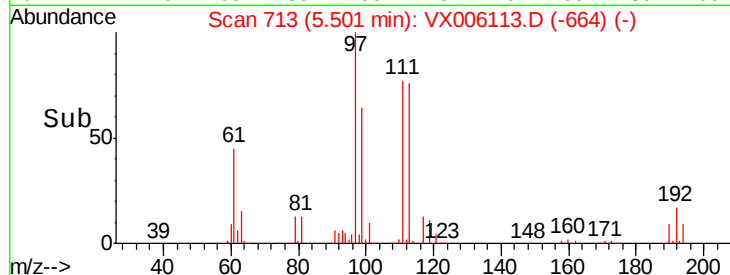
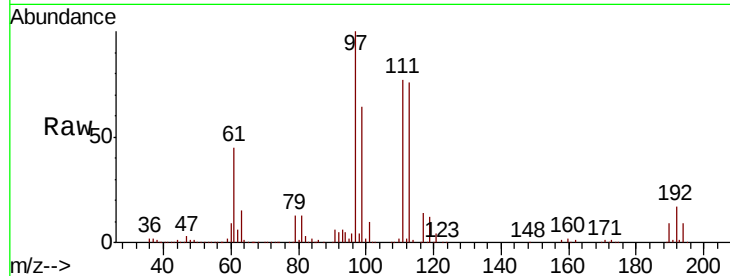
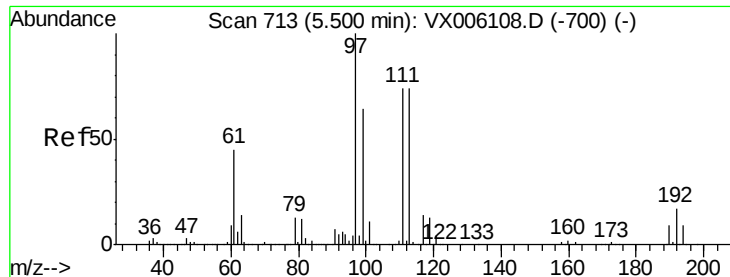
MMDadoda
 11/26/2018 10:52:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.2
88	14.7	0.0	28.6





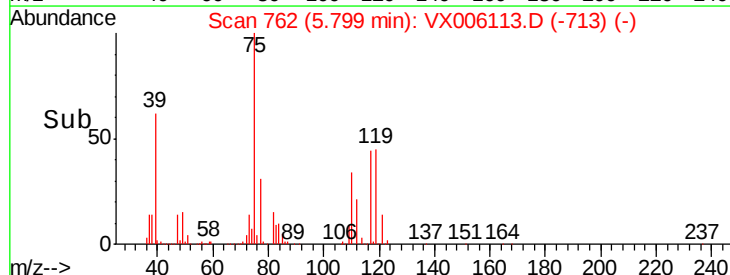
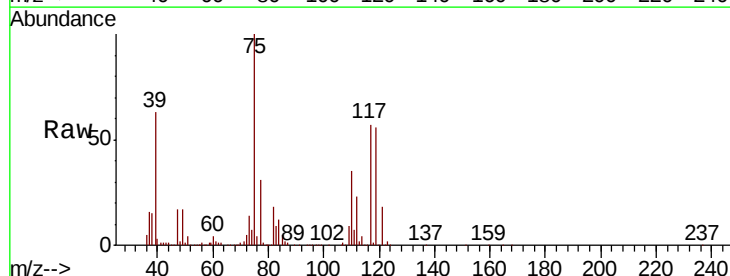
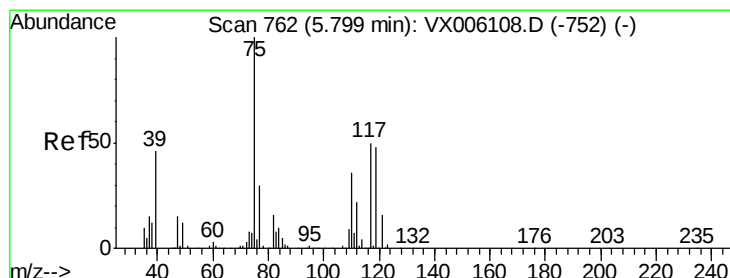
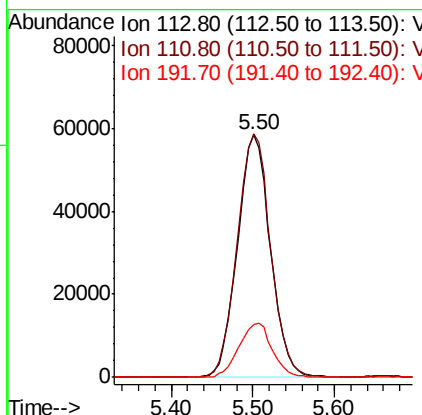
#35
Dibromofluoromethane
Concen: 54.498 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163692		
111	101.8	81.5	122.3	
192	22.6	18.6	28.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

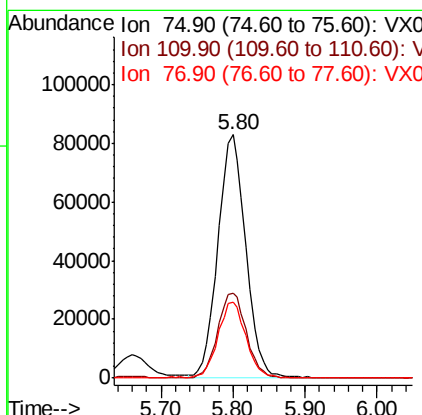
Manual Integrations
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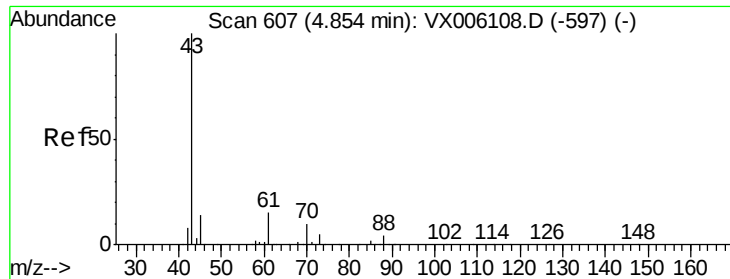
MMDadoda
11/26/2018 10:52:15 AM



#36
1,1-Dichloropropene
Concen: 52.276 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	222533		
110	36.2	17.8	53.3	
77	31.1	24.5	36.7	





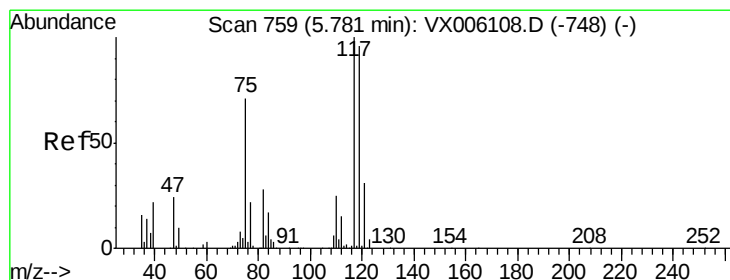
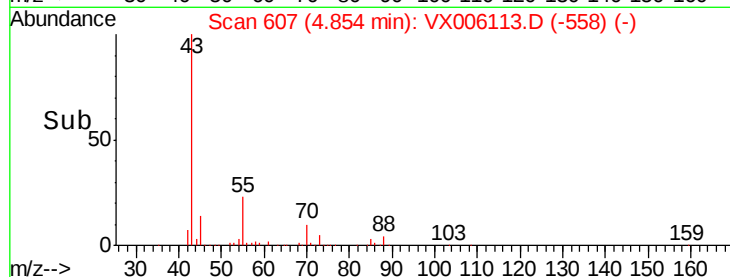
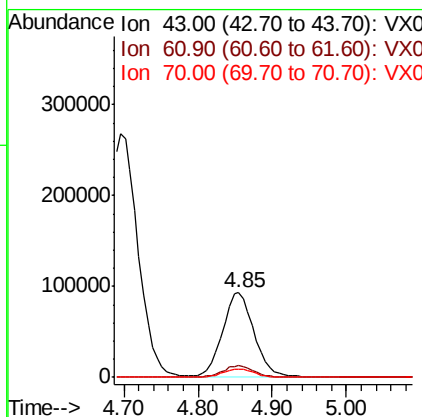
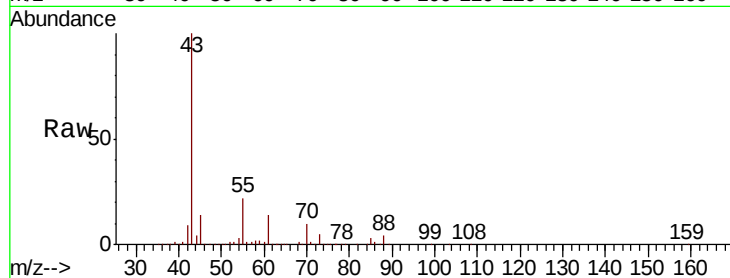
#37
Ethyl Acetate
Concen: 49.749 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.6	7.9	11.9

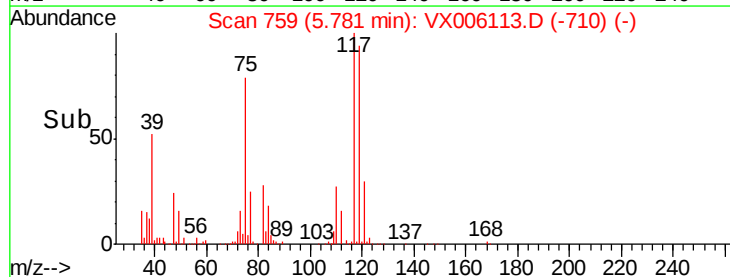
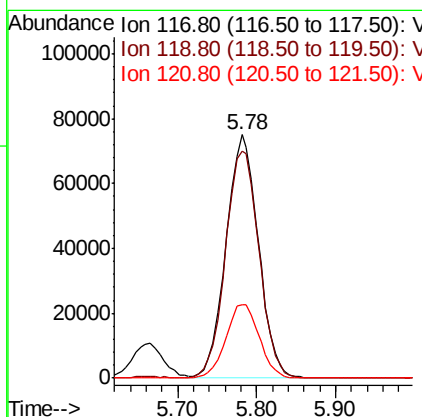
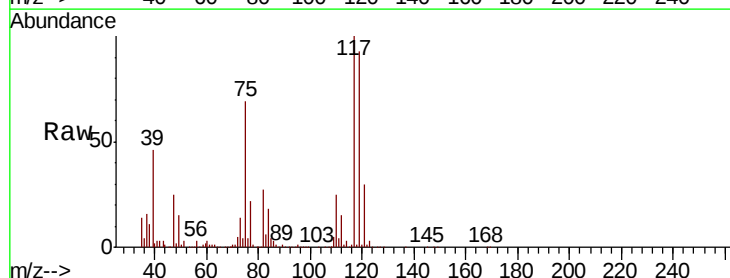
Manual Integrations
APPROVED

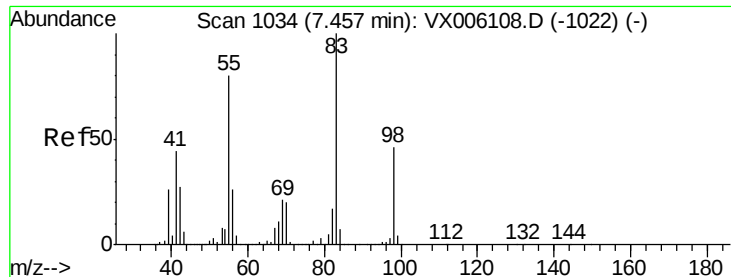
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#38
Carbon Tetrachloride
Concen: 53.541 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.3	114.5
121	30.2	24.7	37.1





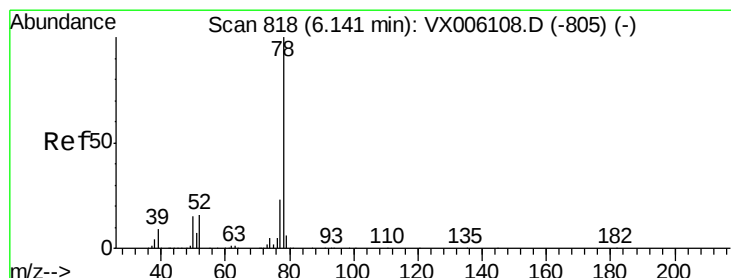
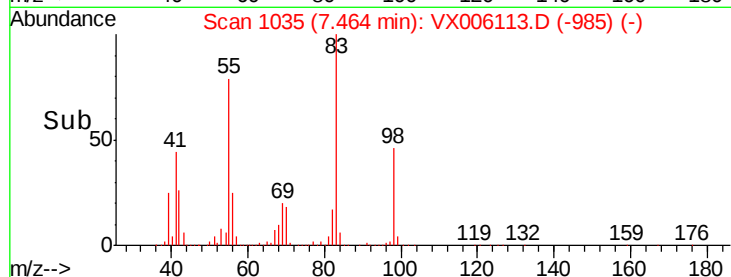
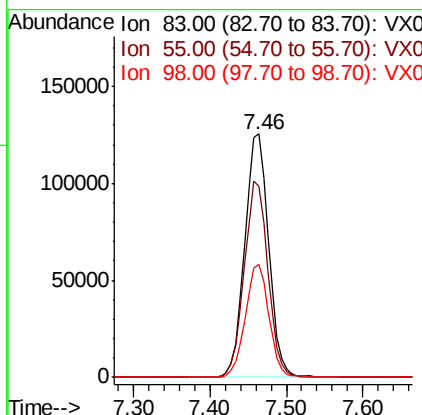
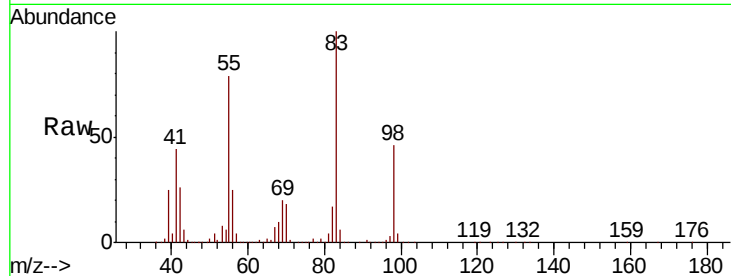
#39
Methvlcvclohexane
Concen: 56.306 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.9	95.9
98	46.3	36.8	55.2

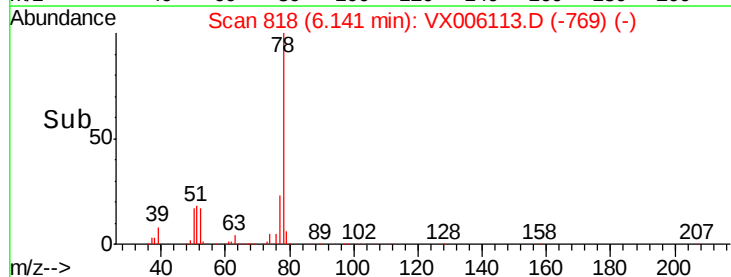
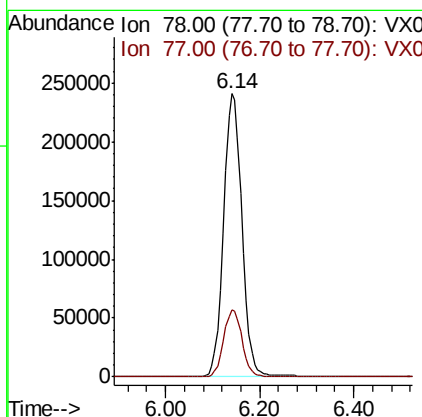
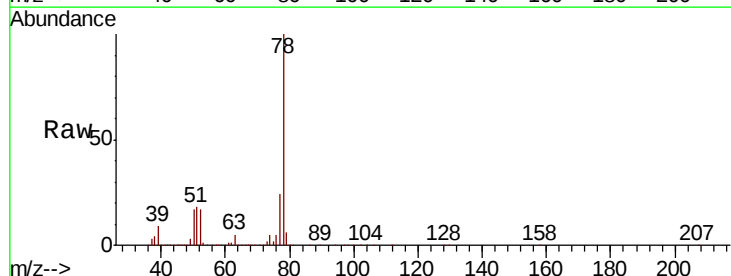
Manual Integrations
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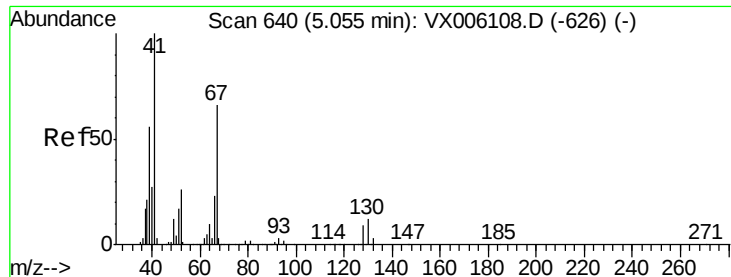
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#40
Benzene
Concen: 51.822 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 51.206 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

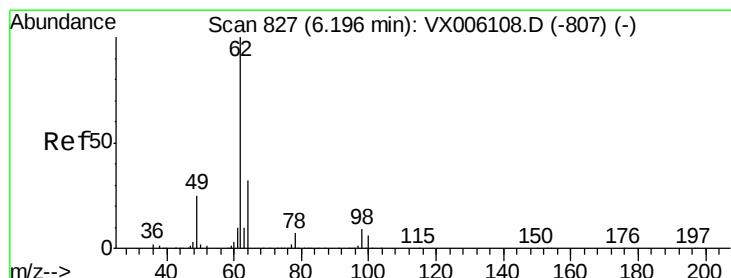
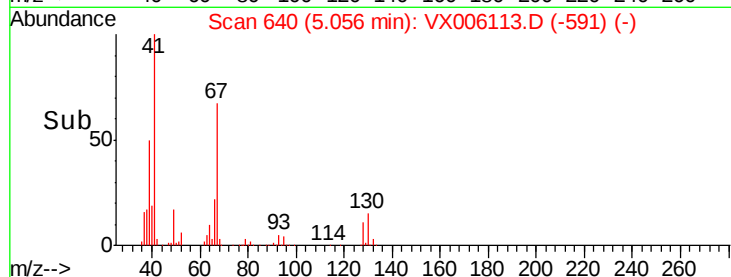
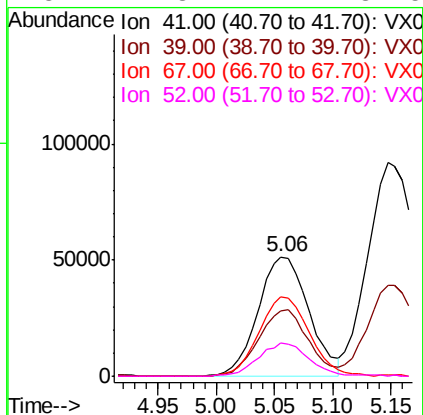
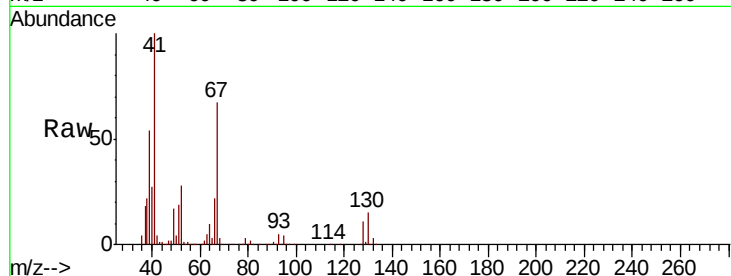
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		154549		
39	54.4	44.1	66.1		
67	66.4	54.1	81.1		
52	27.3	21.7	32.5		

Manual Integrations
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11/26/2018 10:52:15 AM



#42

1,2-Dichloroethane

Concen: 50.587 ug/l

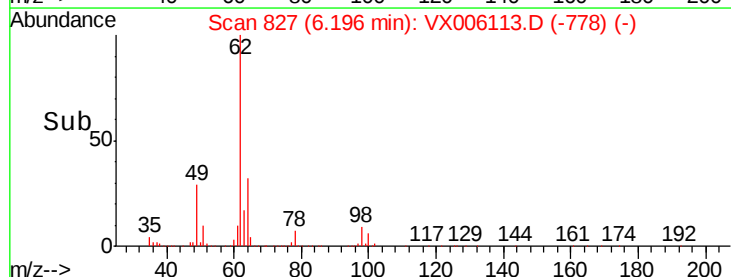
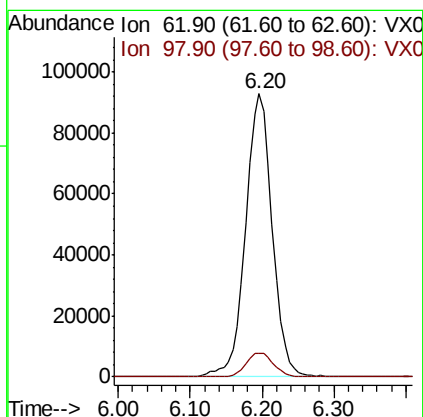
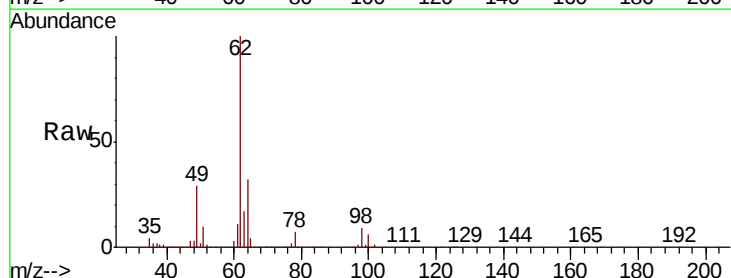
RT: 6.20 min Scan# 827

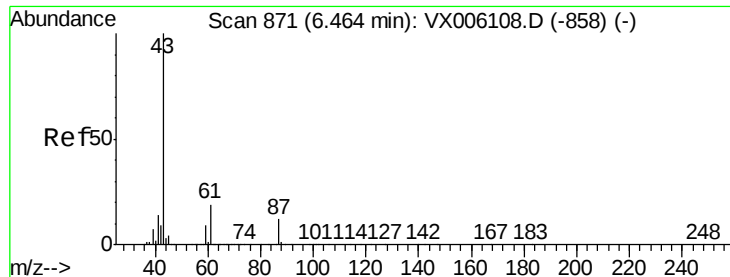
Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		237194		
98	8.9	0.0	17.8		





#43

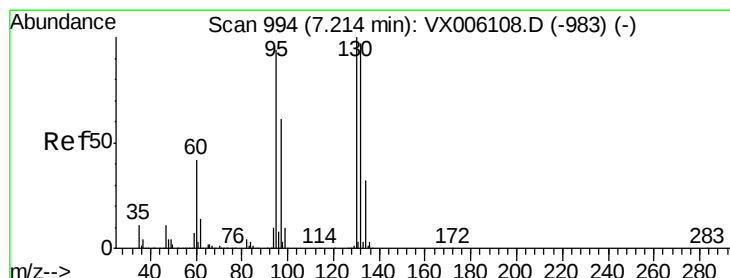
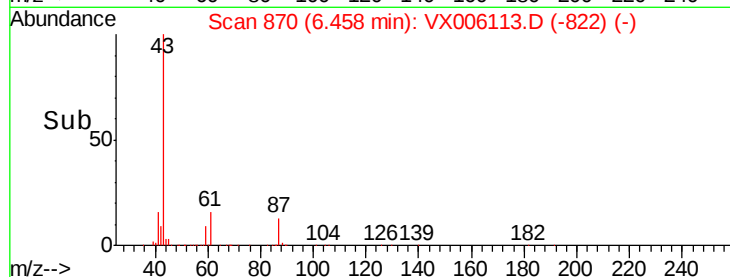
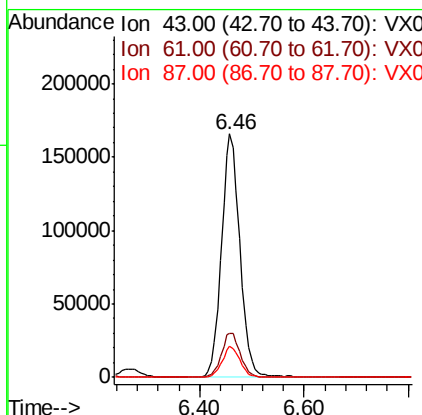
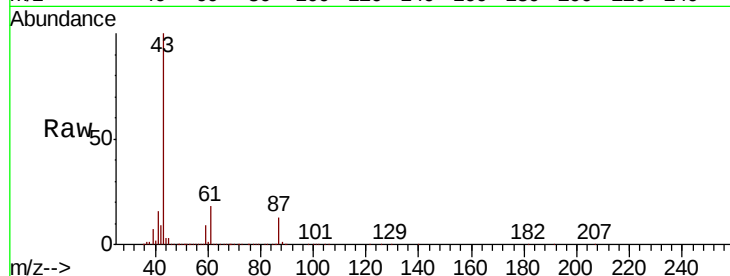
Isopropyl Acetate
 Concen: 52.284 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.2	22.8
87	12.2	9.6	14.4

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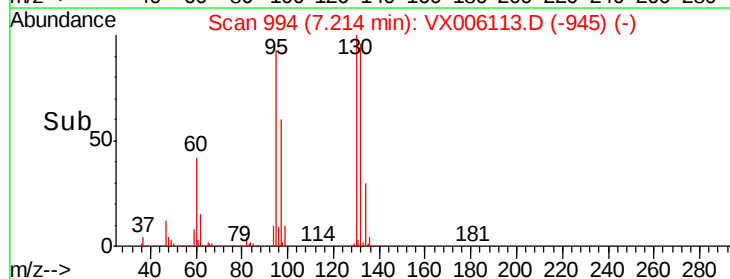
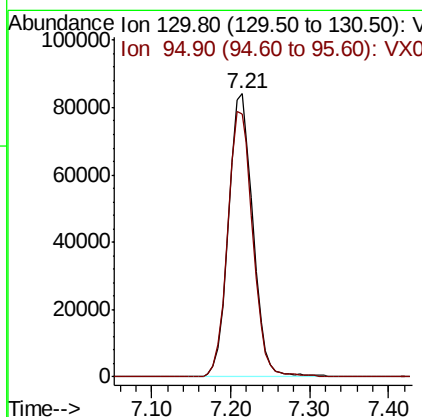
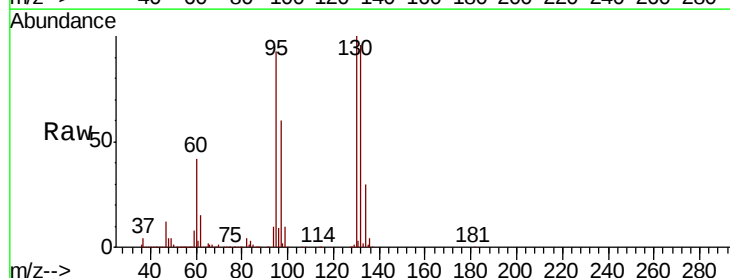
MMDadoda
 11/26/2018 10:52:15 AM

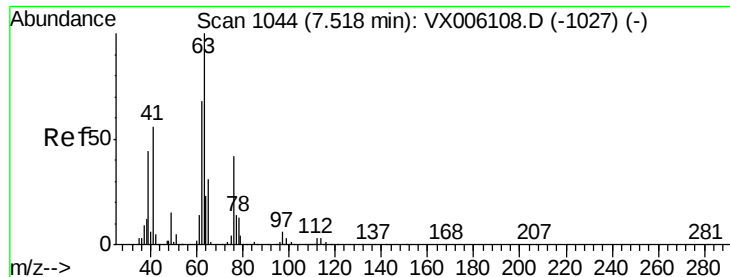


#44

Trichloroethene
 Concen: 51.998 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	188.8





#45

1,2-Dichloropropane

Concen: 52.594 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 174562

Ion Ratio Lower Upper

63 100

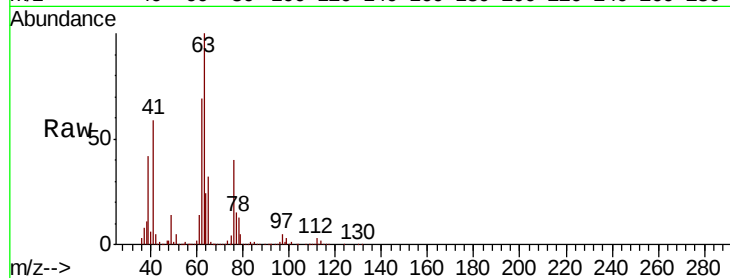
65 31.7 24.8 37.2

Manual Integrations

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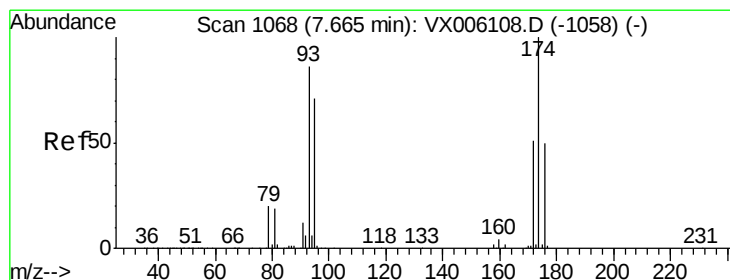
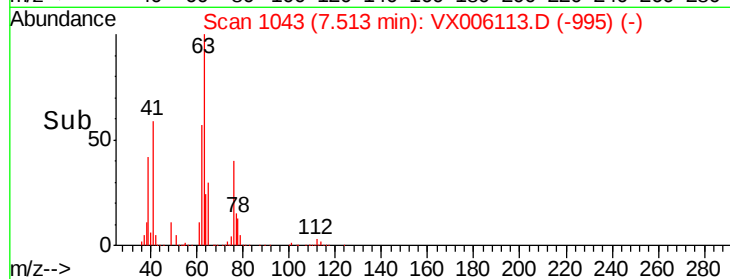
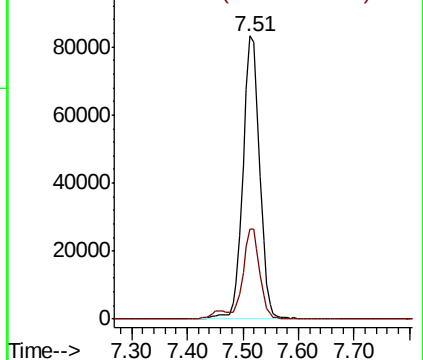
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.266 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

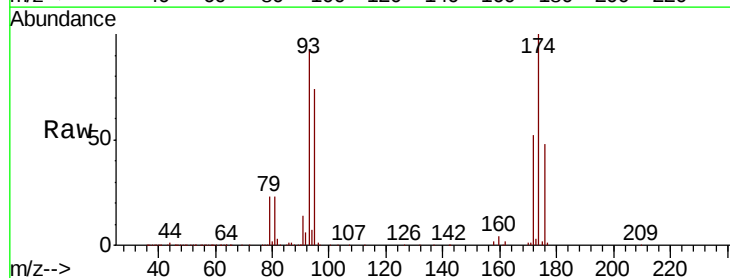
Tgt Ion: 93 Resp: 114256

Ion Ratio Lower Upper

93 100

95 83.4 66.3 99.5

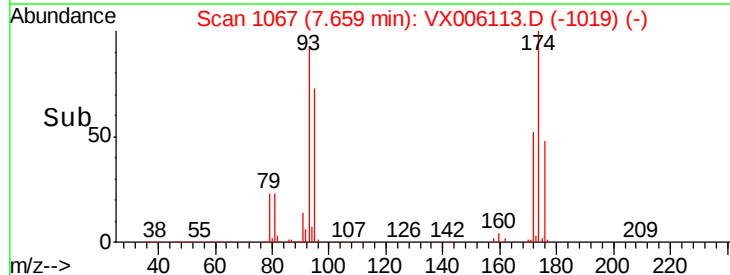
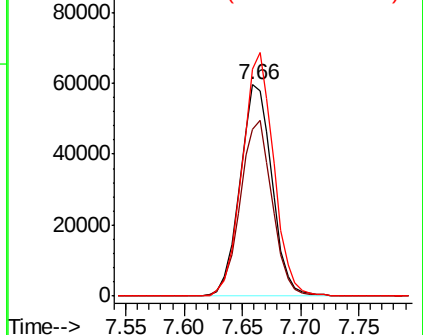
174 113.5 91.0 136.6

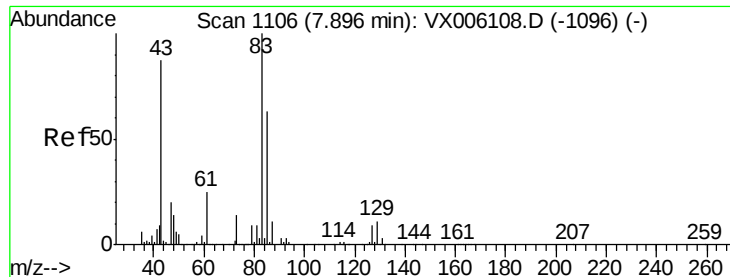


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





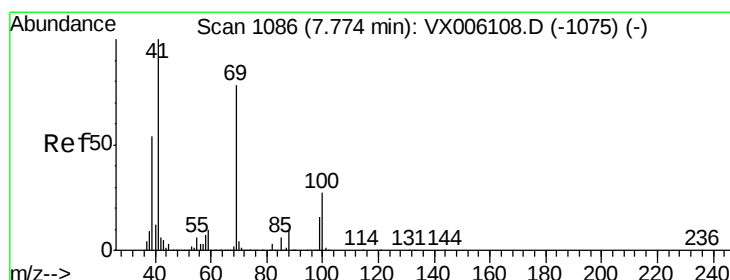
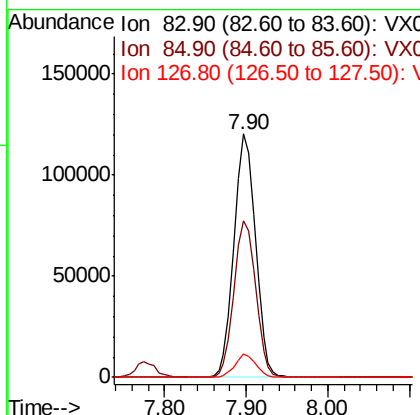
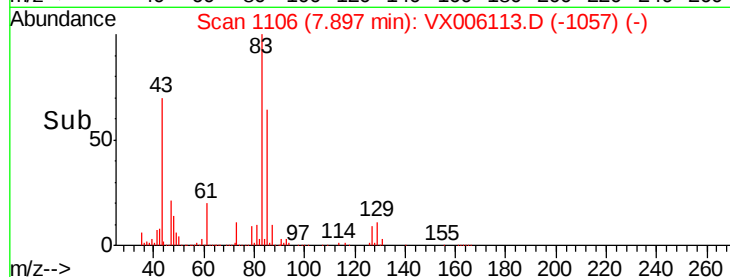
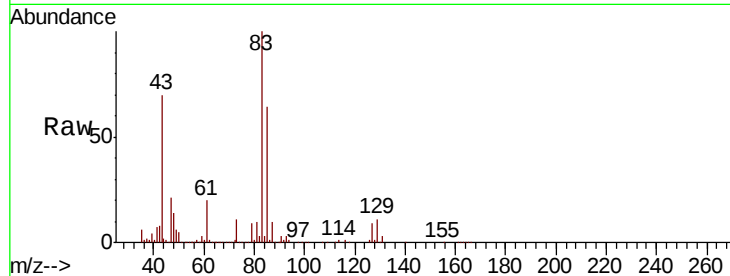
#47
Bromodichloromethane
Concen: 52.032 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218743		
85	64.1	50.4	75.6	
127	9.4	7.0	10.4	

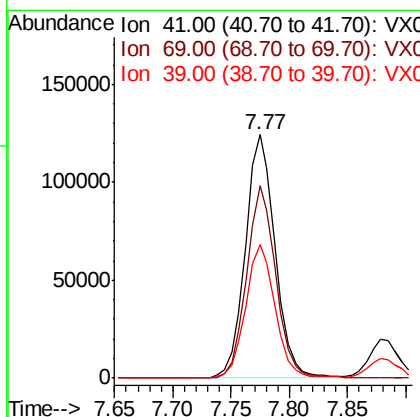
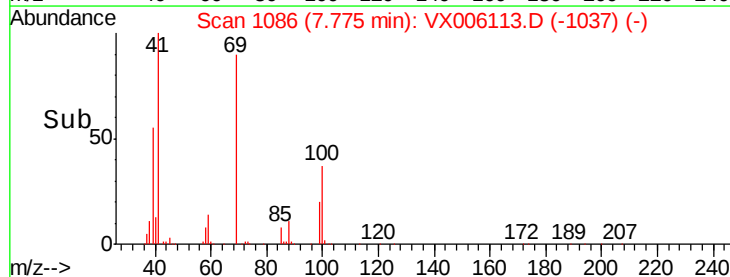
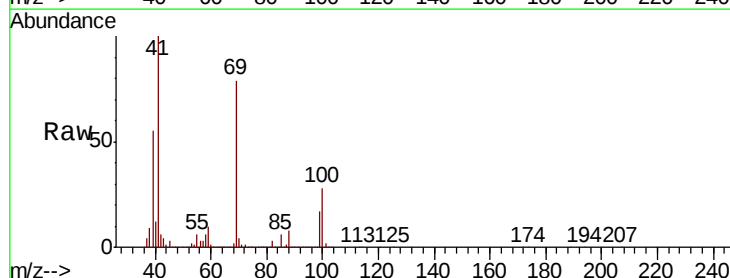
Manual Integrations
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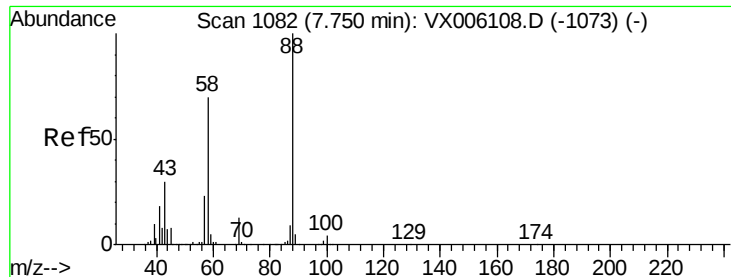
MMDadoda
11/26/2018 10:52:15 AM



#48
Methyl methacrylate
Concen: 55.061 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	220867		
69	78.0	62.8	94.2	
39	54.6	43.8	65.6	





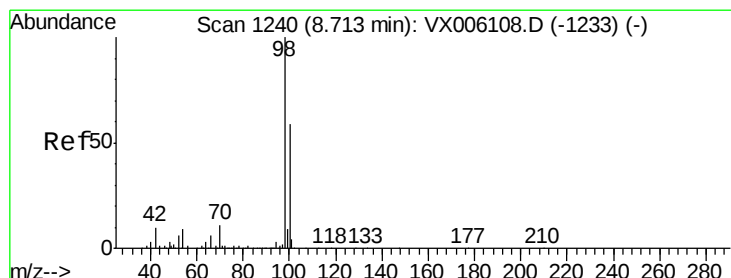
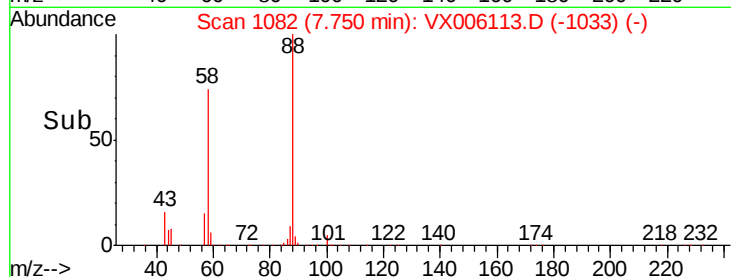
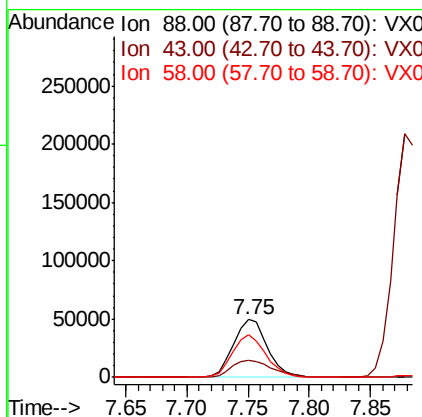
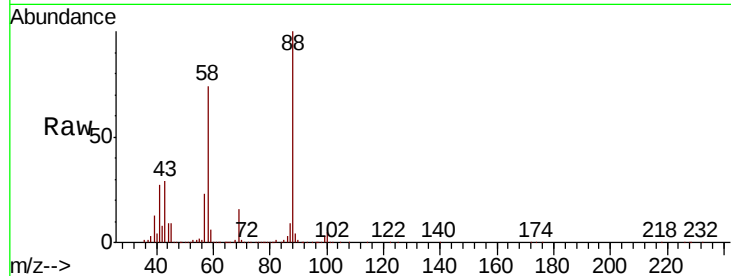
#49
1,4-Dioxane
Concen: 1000.034 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.7	40.1
58	72.3	58.5	87.7

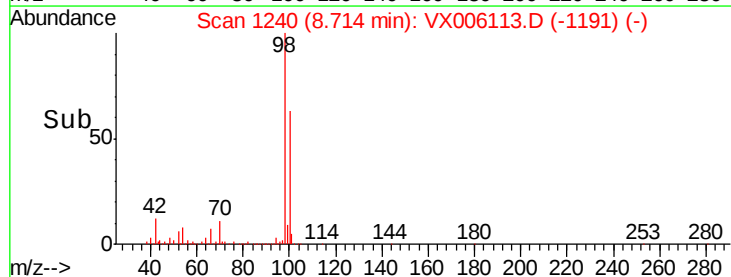
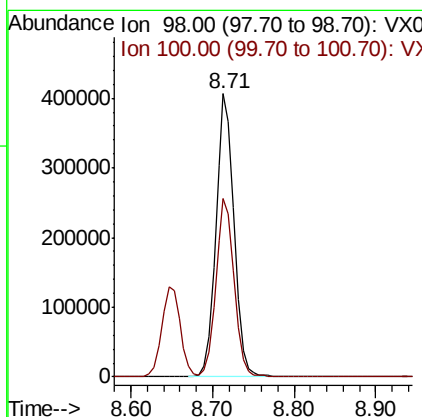
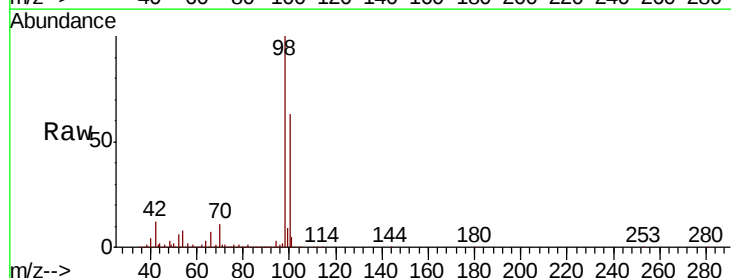
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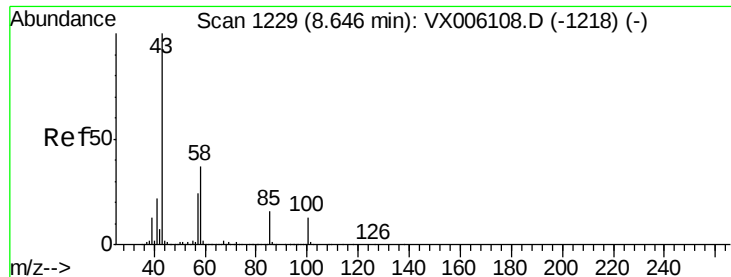
MMDadoda
11/26/2018 10:52:15 AM



#50
Toluene-d8
Concen: 55.179 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 266.887 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1513291

Ion Ratio Lower Upper

43 100

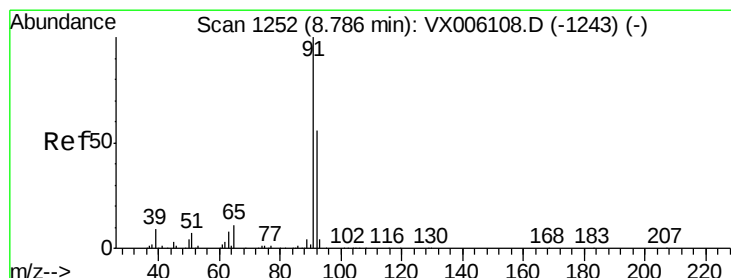
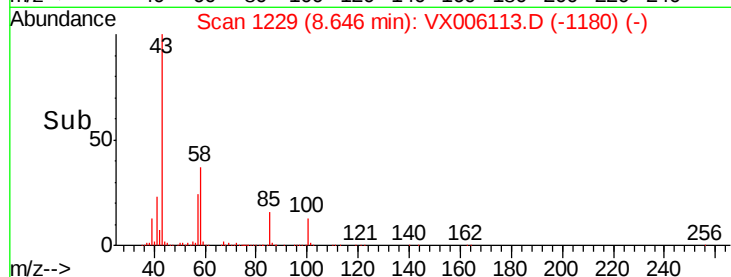
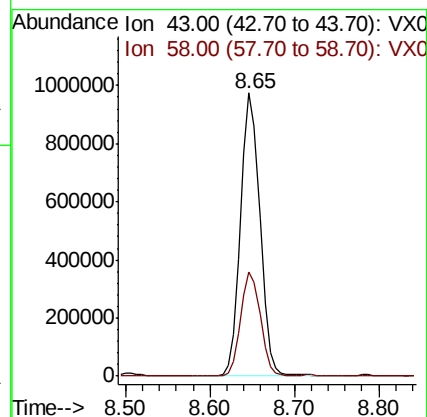
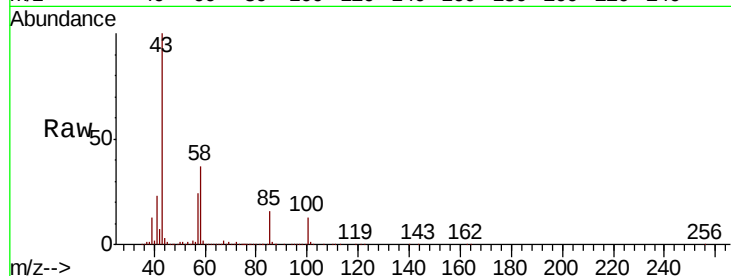
58 37.3 29.9 44.9

Manual Integrations

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MMDadoda

11/26/2018 10:52:15 AM



#52

Toluene

Concen: 53.630 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006113.D

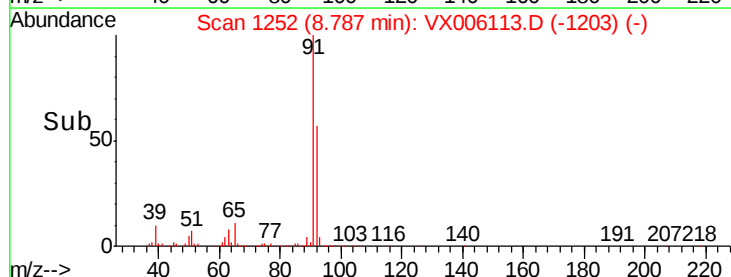
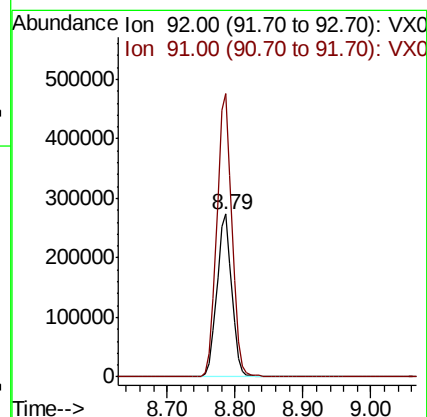
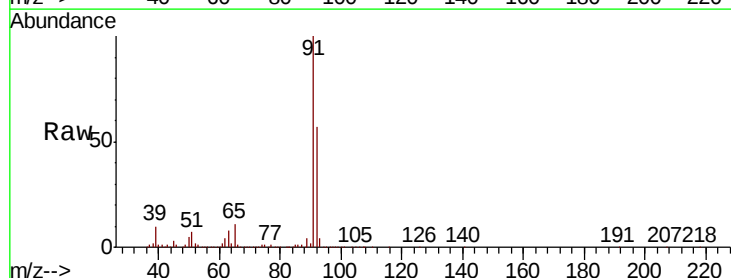
Acq: 21 Nov 2018 10:08

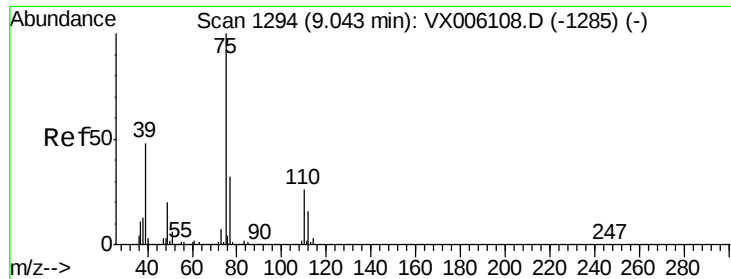
Tgt Ion: 92 Resp: 416023

Ion Ratio Lower Upper

92 100

91 176.5 142.5 213.7





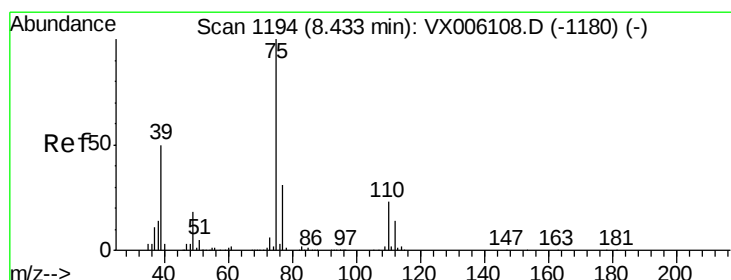
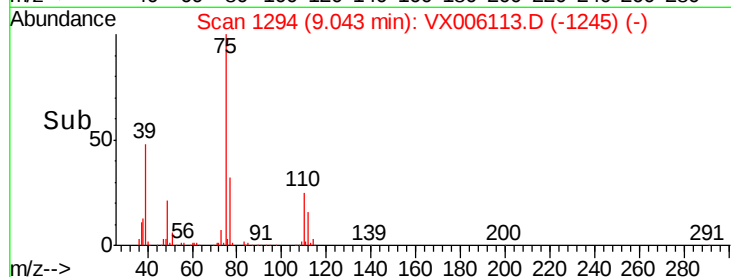
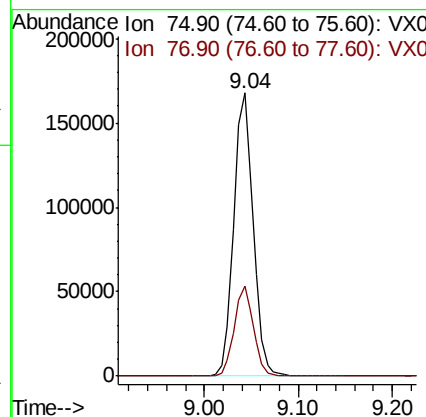
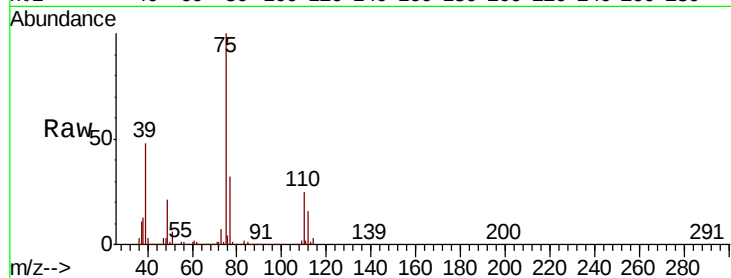
#53
t-1,3-Dichloropropene
Concen: 54.876 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5

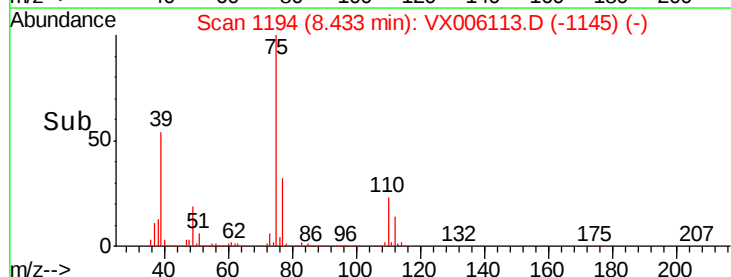
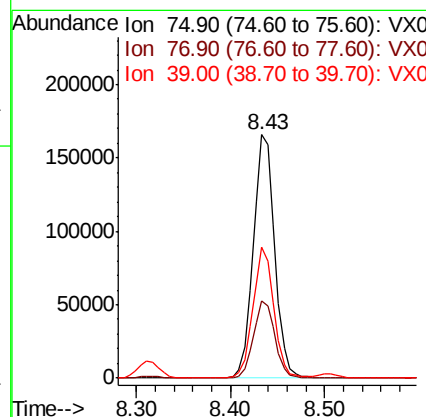
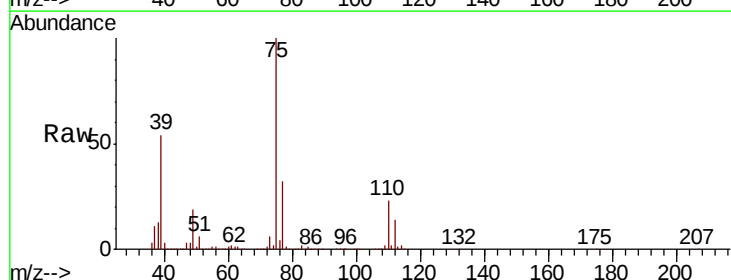
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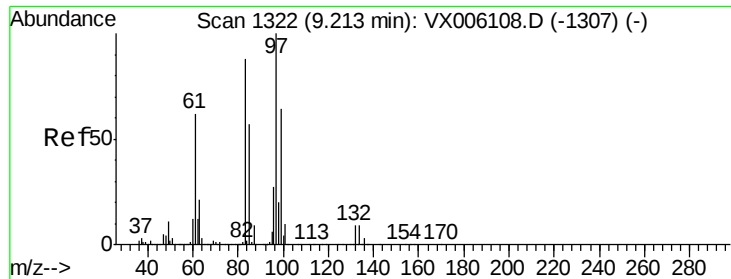
MMDadoda
11/26/2018 10:52:15 AM



#54
cis-1,3-Dichloropropene
Concen: 54.545 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.7	37.1
39	53.6	40.3	60.5





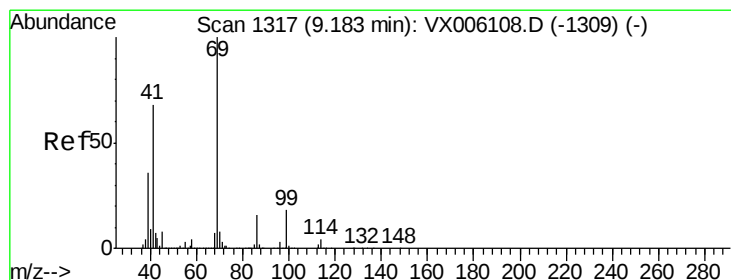
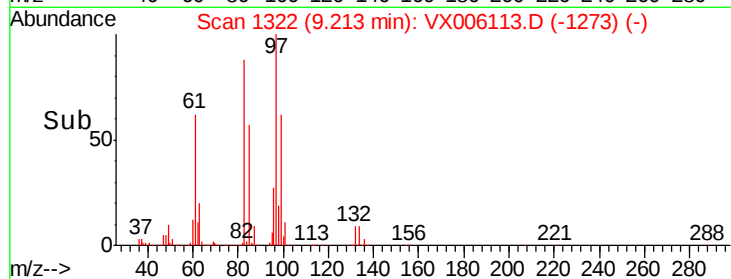
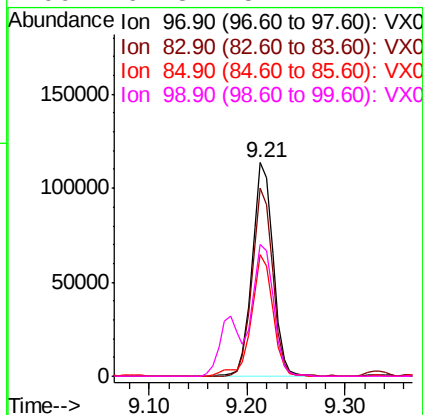
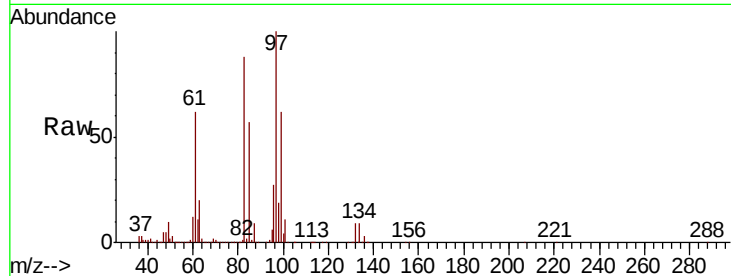
#55
1,1,2-Trichloroethane
Concen: 50.337 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	169111
Ion Ratio	Lower	Upper	
97	100		
83	88.2	70.7	106.1
85	57.0	45.7	68.5
99	61.8	51.4	77.2

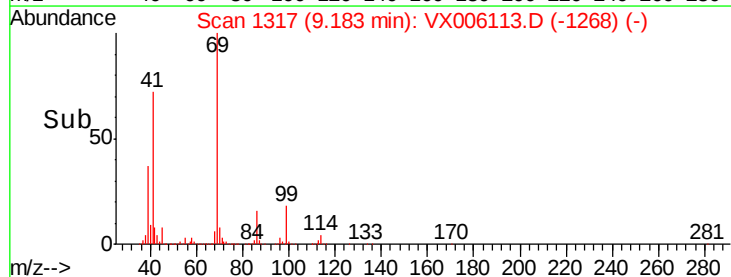
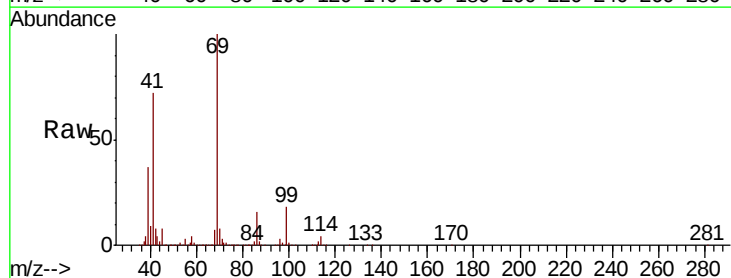
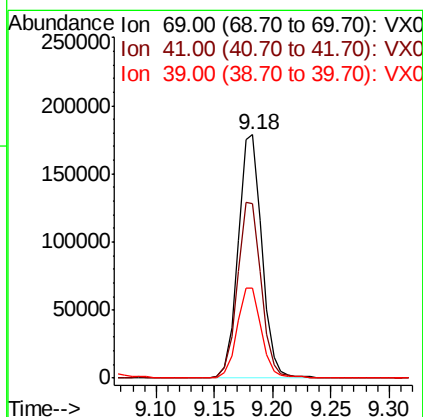
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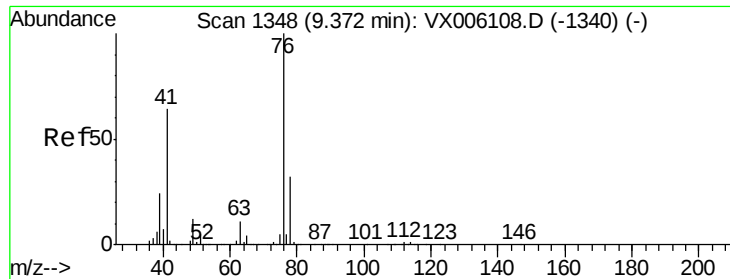
MMDadoda
11/26/2018 10:52:15 AM



#56
Ethyl methacrylate
Concen: 48.652 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion:	69	Resp:	254098
Ion Ratio	Lower	Upper	
69	100		
41	72.4	56.2	84.4
39	37.9	29.4	44.0





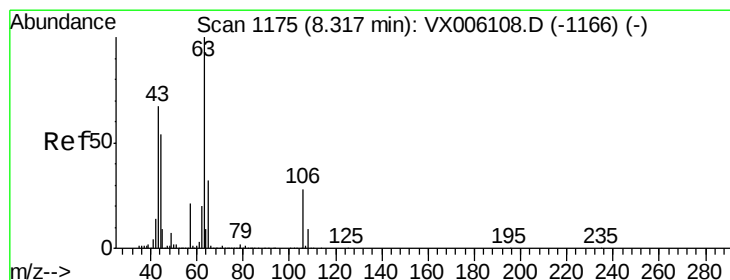
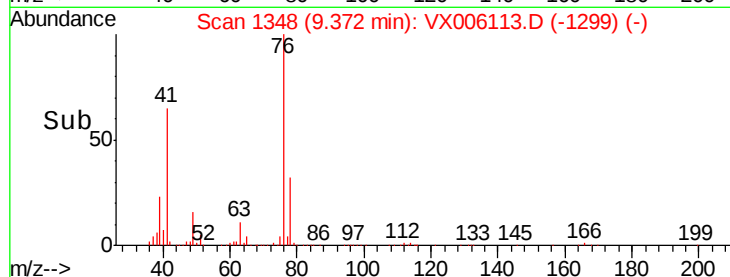
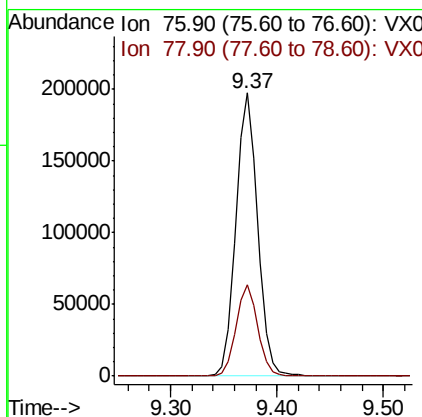
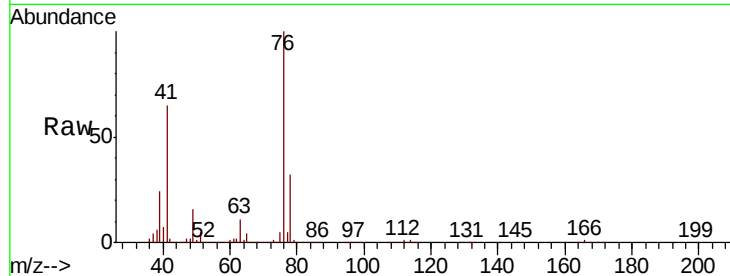
#57
 1,3-Dichloropropane
 Concen: 51.296 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

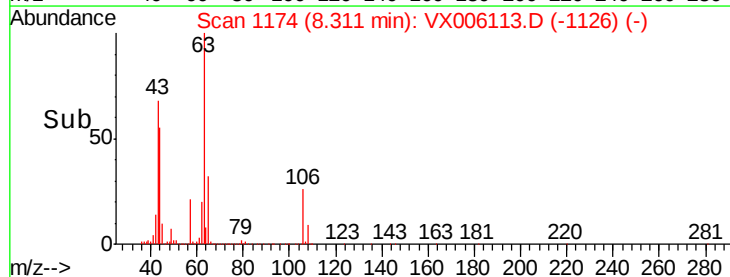
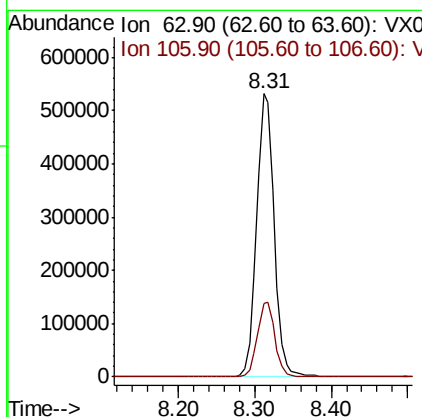
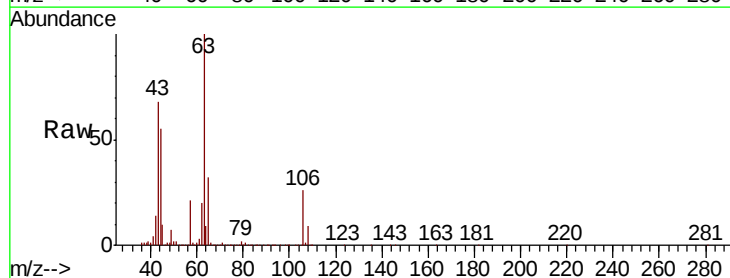
Manual Integrations
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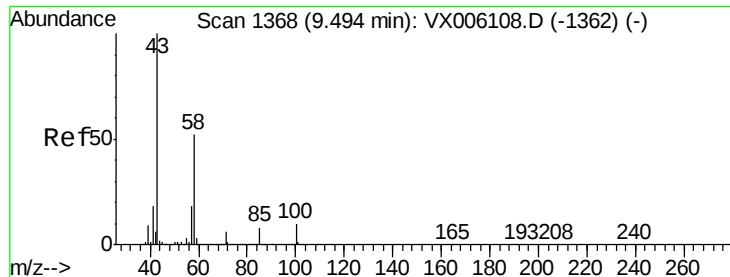
MMDadoda
 11/26/2018 10:52:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.383 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.7	32.5





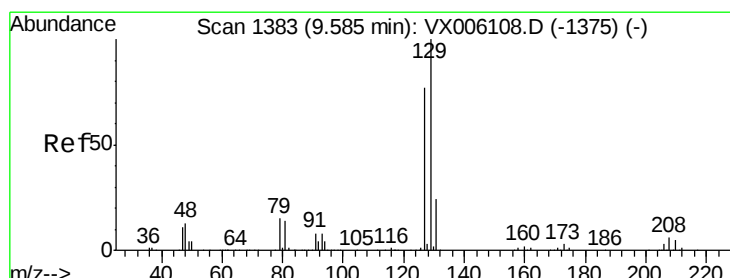
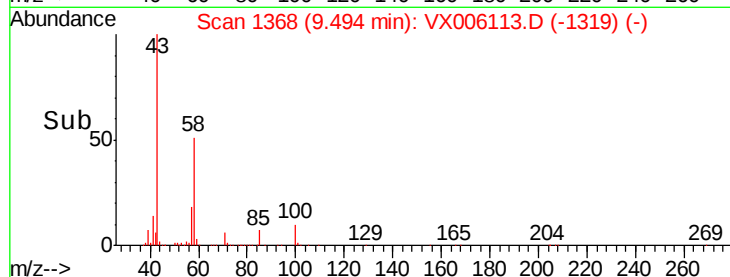
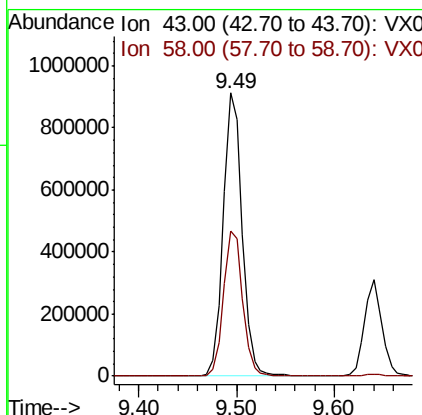
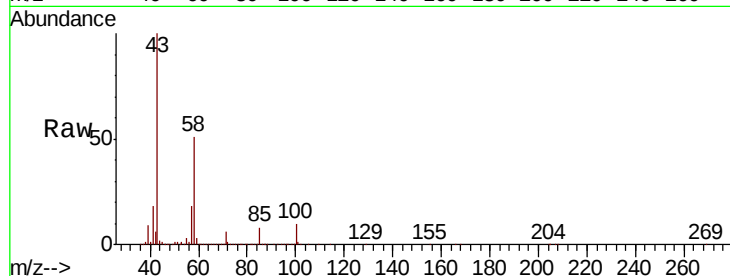
#59
2-Hexanone
Concen: 272.493 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1226188
Ion Ratio Lower Upper
43 100
58 51.9 26.3 78.9

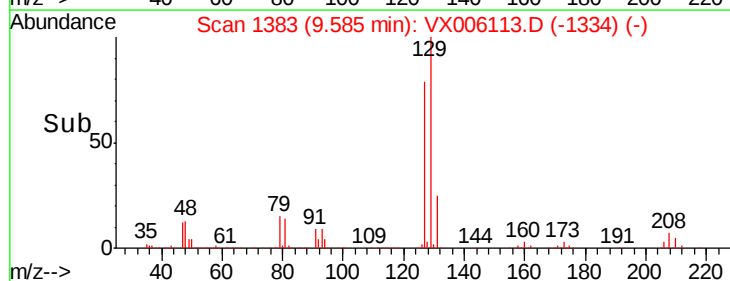
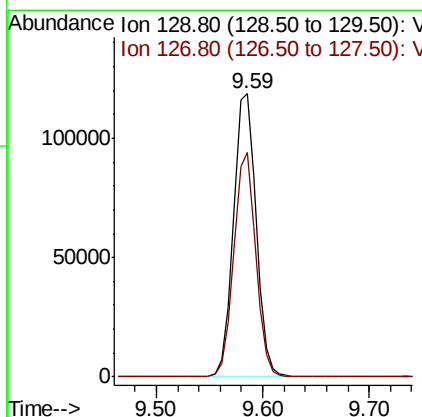
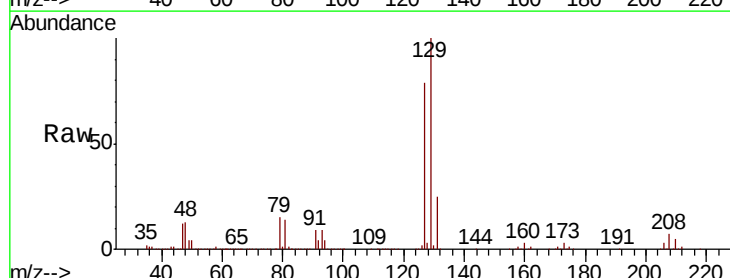
Manual Integrations
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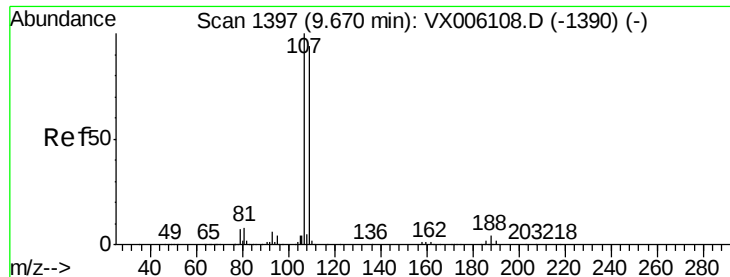
MMDadoda
11/26/2018 10:52:15 AM



#60
Dibromochloromethane
Concen: 53.936 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion: 129 Resp: 177653
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5





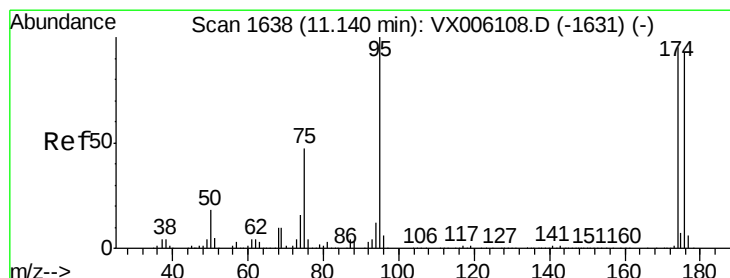
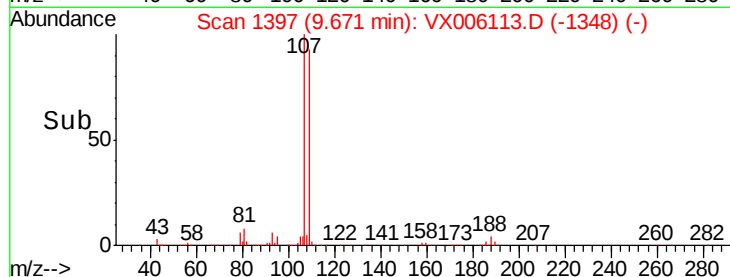
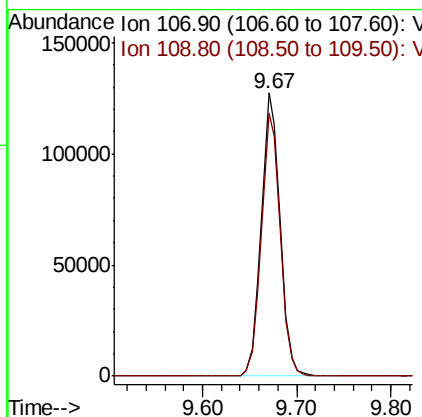
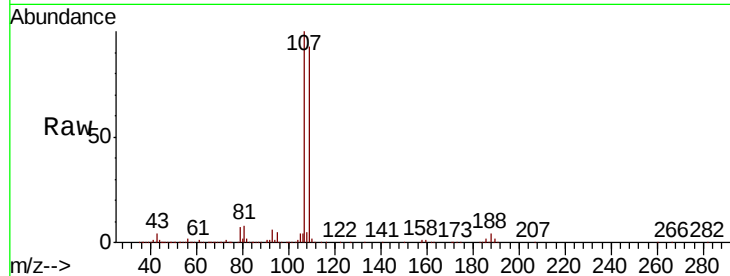
#61
 1,2-Dibromoethane
 Concen: 52.399 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.7	113.5

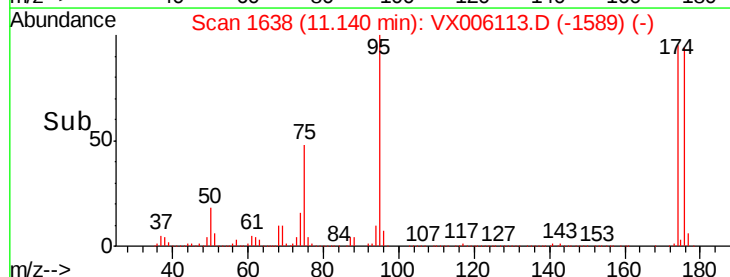
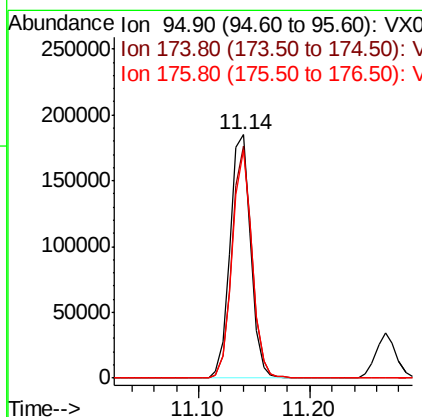
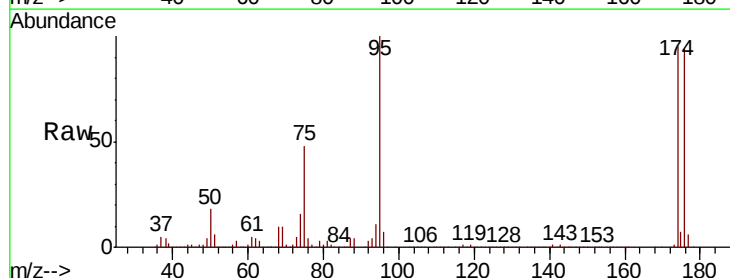
Manual Integrations
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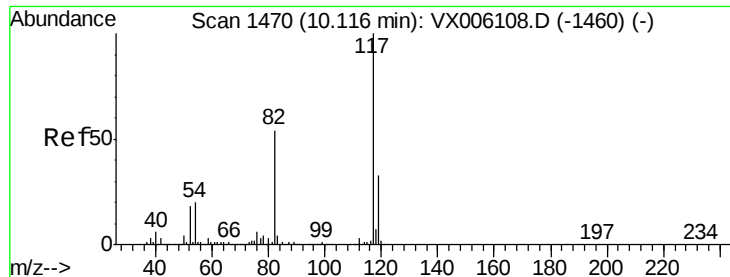
MMDadoda
 11/26/2018 10:52:15 AM



#62
 4-Bromofluorobenzene
 Concen: 55.303 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	184.4
176	89.6	0.0	179.0





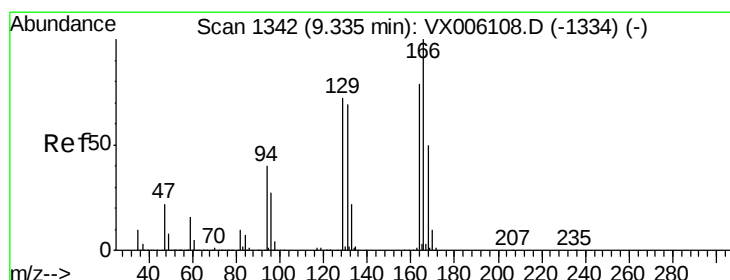
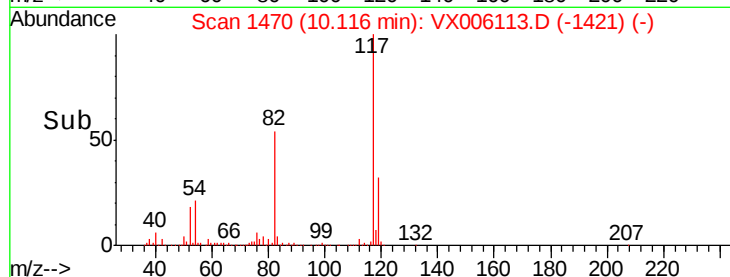
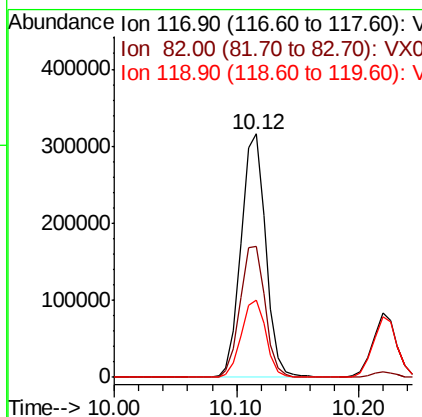
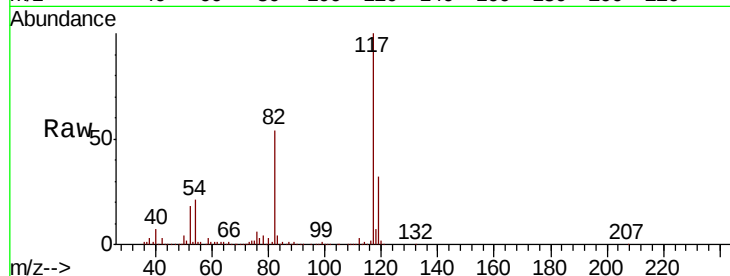
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	439668		
82	53.8	43.0	64.4	
119	31.8	26.1	39.1	

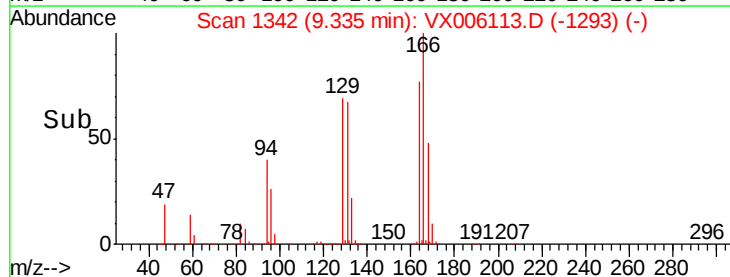
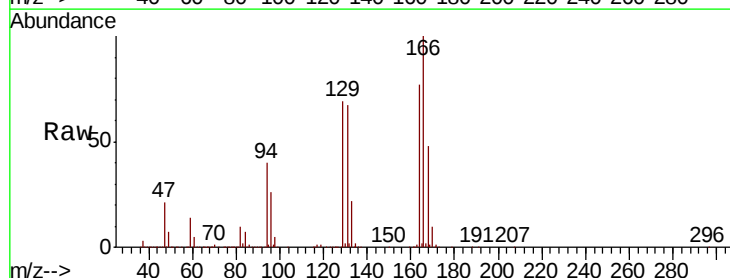
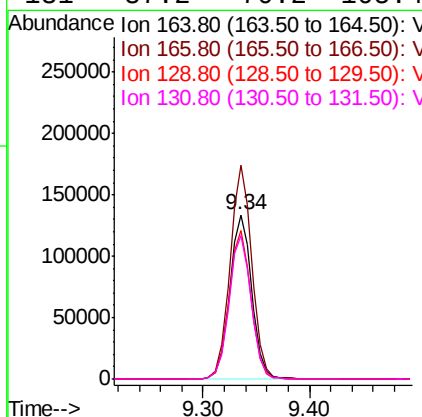
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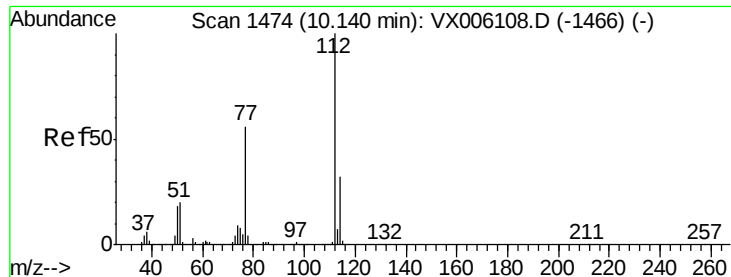
MMDadoda
11/26/2018 10:52:15 AM



#64
Tetrachloroethene
Concen: 53.562 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	193798		
166	129.9	101.5	152.3	
129	90.0	73.4	110.0	
131	87.2	70.2	105.4	





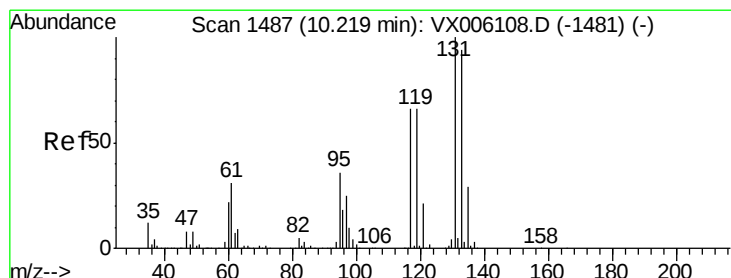
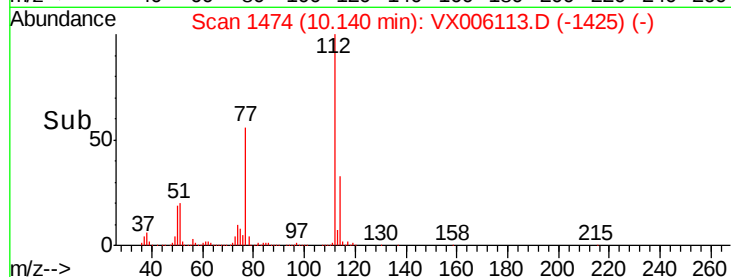
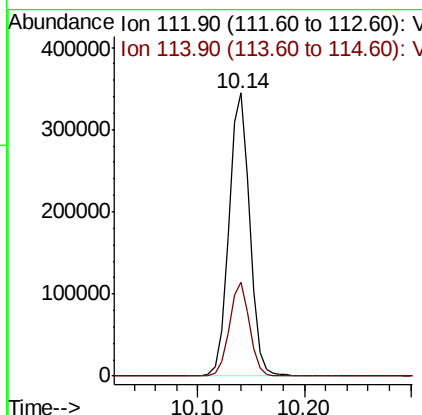
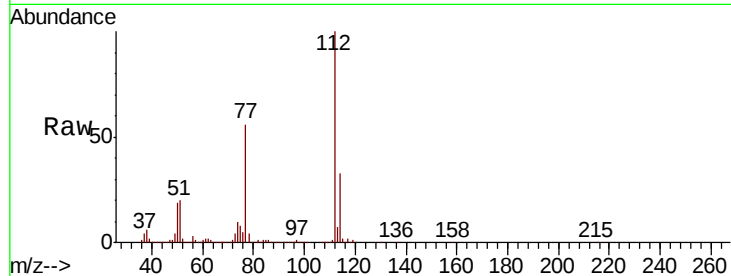
#65
Chlorobenzene
Concen: 52.126 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 470103
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4

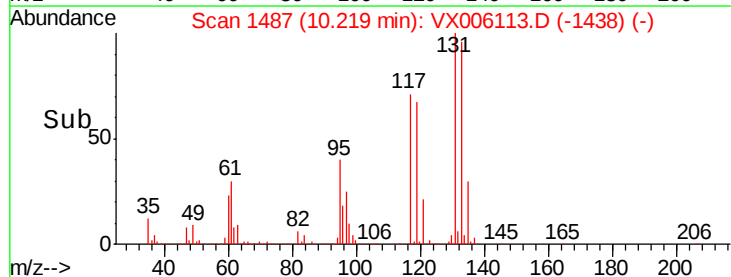
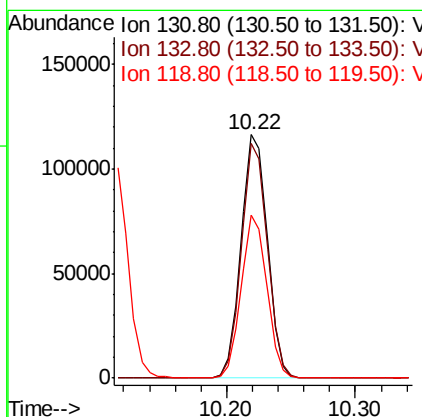
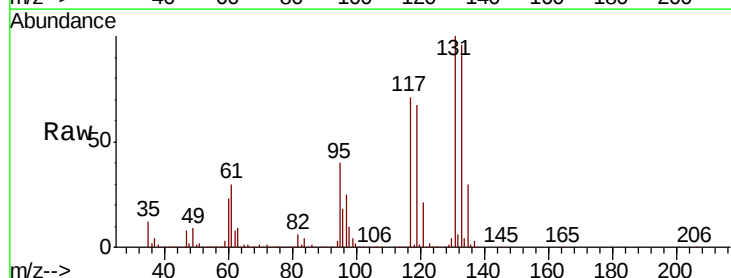
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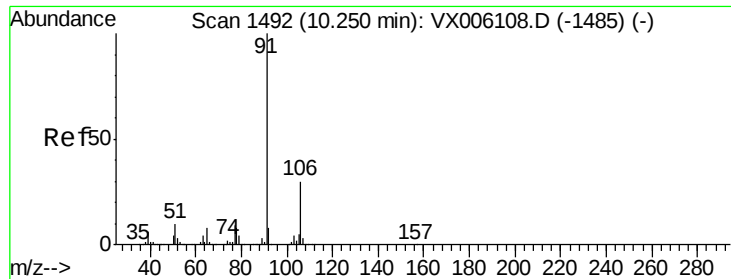
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.899 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion:131 Resp: 163787
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 65.2 32.6 97.8





#67

Ethyl Benzene

Concen: 55.421 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 818371

Ion Ratio Lower Upper

91 100

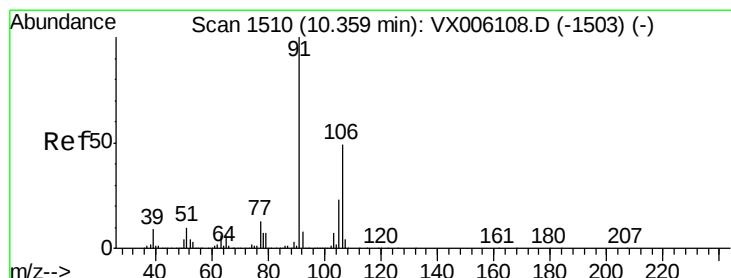
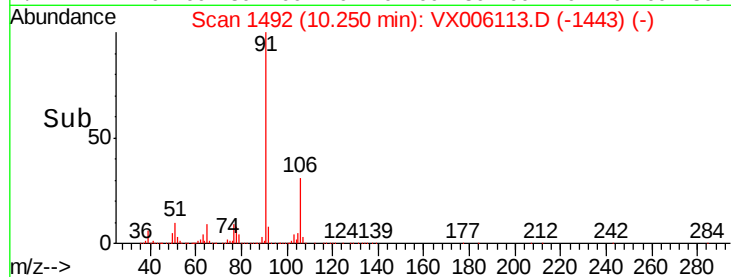
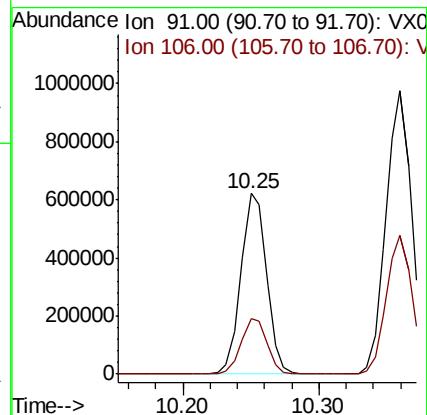
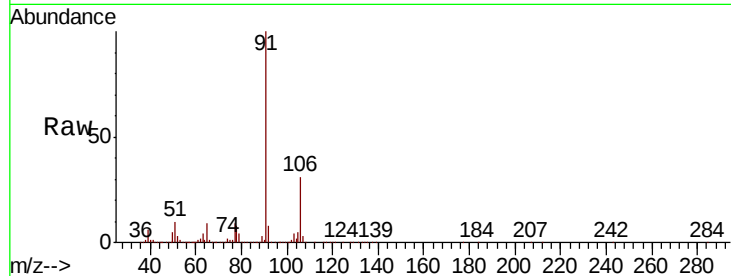
106 30.7 24.4 36.6

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#68

m/p-Xylenes

Concen: 110.854 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006113.D

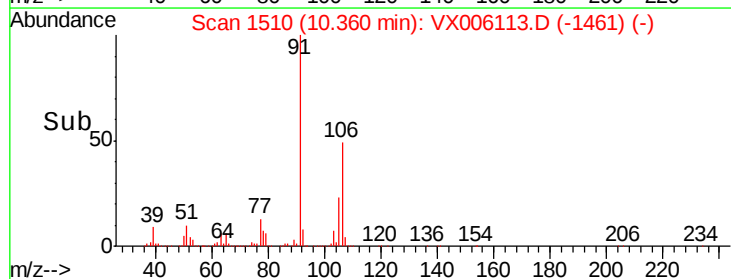
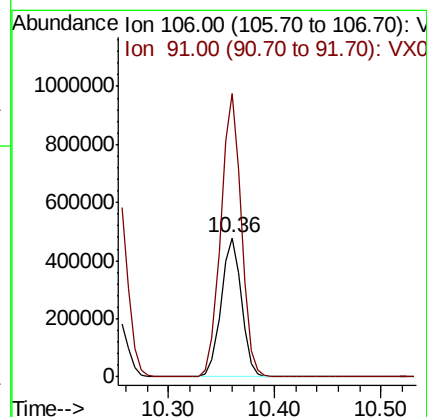
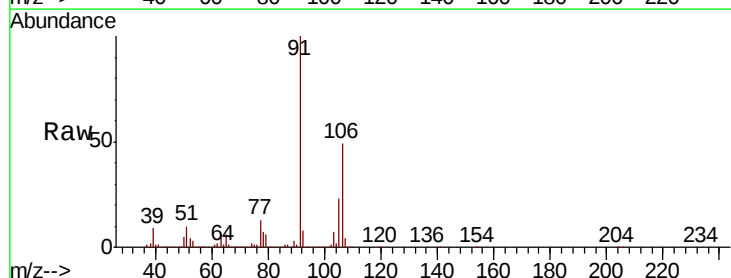
Acq: 21 Nov 2018 10:08

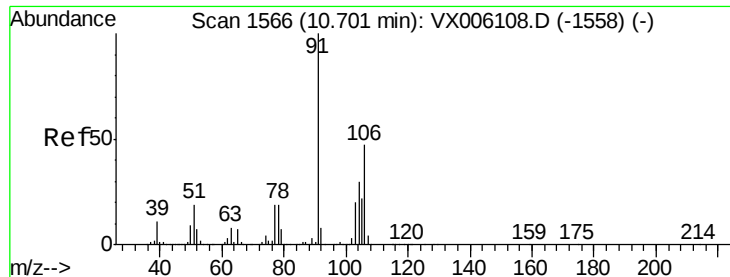
Tgt Ion: 106 Resp: 637411

Ion Ratio Lower Upper

106 100

91 203.6 162.0 243.0





#69

o-Xylene

Concen: 54.879 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 301419

Ion Ratio Lower Upper

106 100

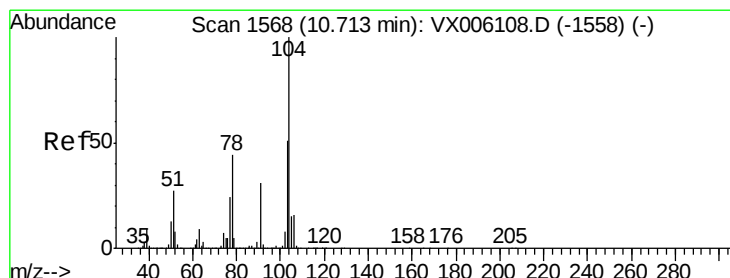
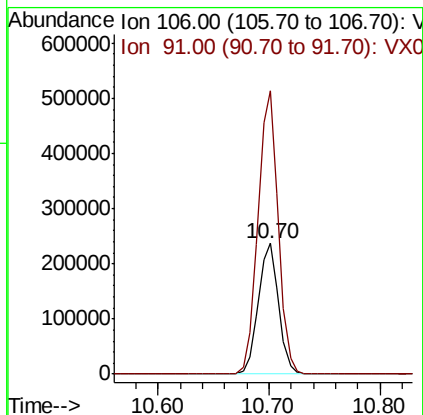
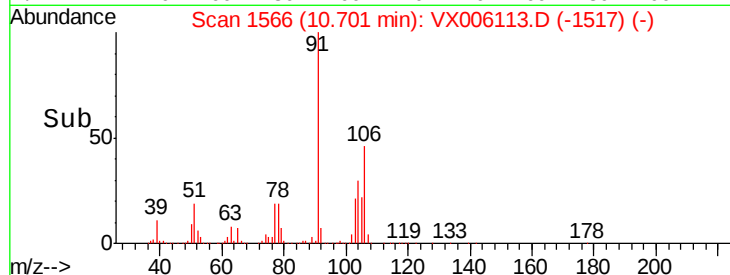
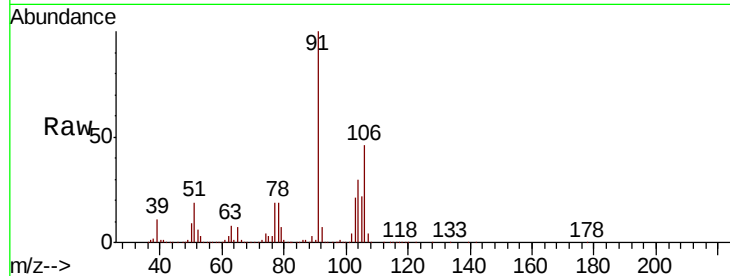
91 216.3 107.4 322.2

Manual Integrations

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#70

Styrene

Concen: 57.204 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

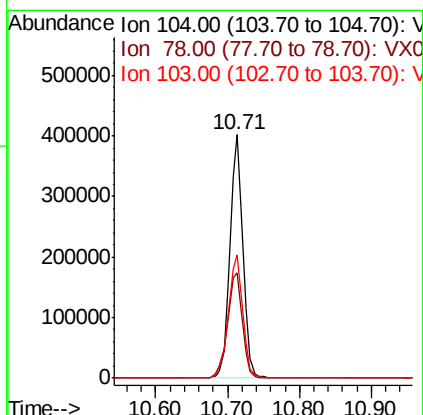
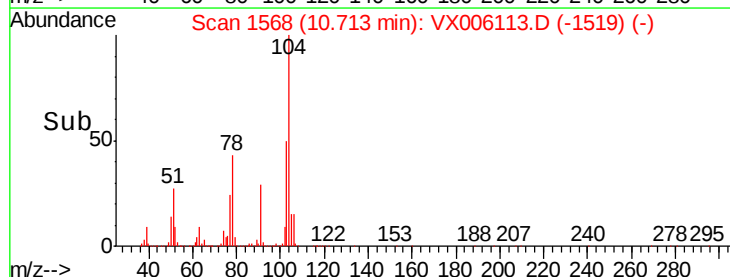
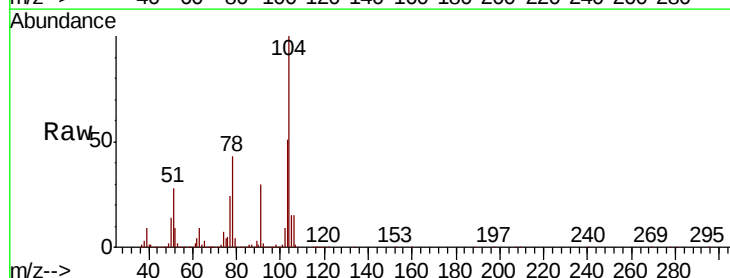
Tgt Ion:104 Resp: 512292

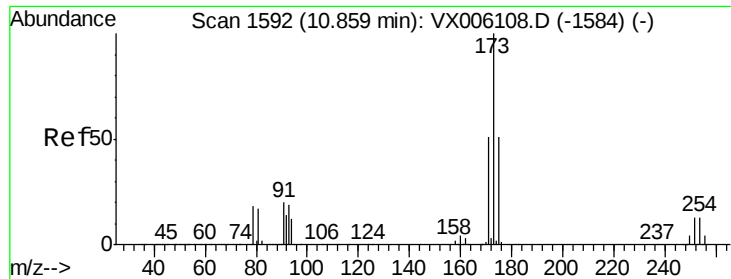
Ion Ratio Lower Upper

104 100

78 49.8 39.4 59.2

103 56.1 44.6 67.0





#71

Bromoform

Concen: 52.572 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

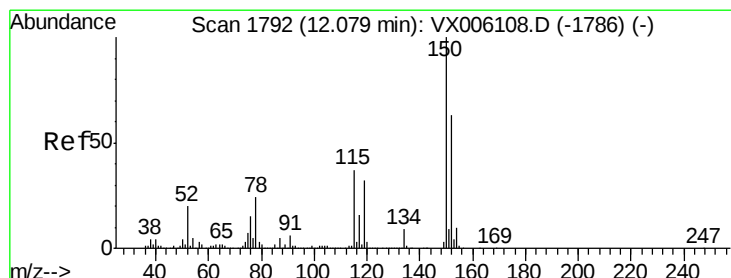
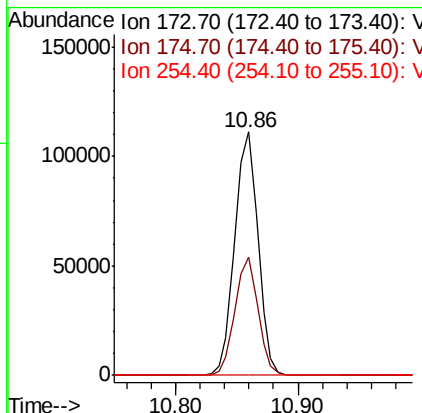
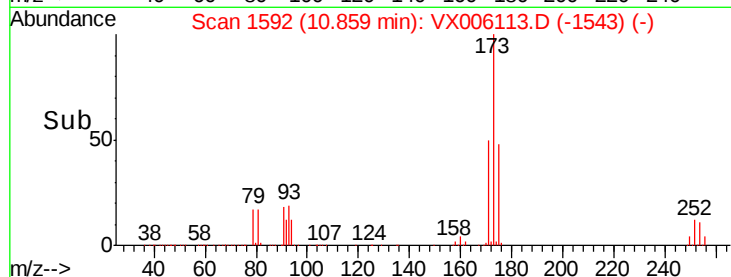
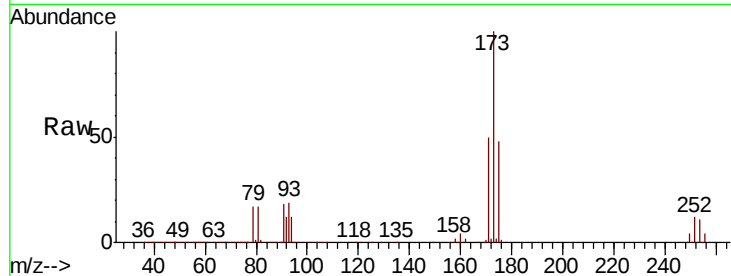
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	145704
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.9	74.6
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

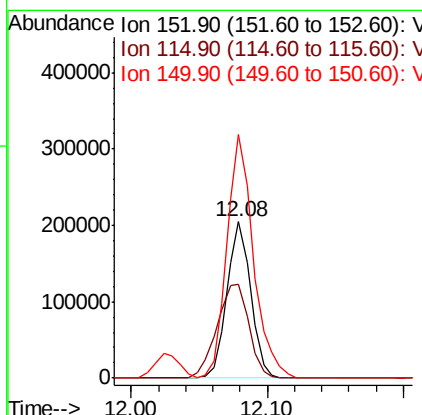
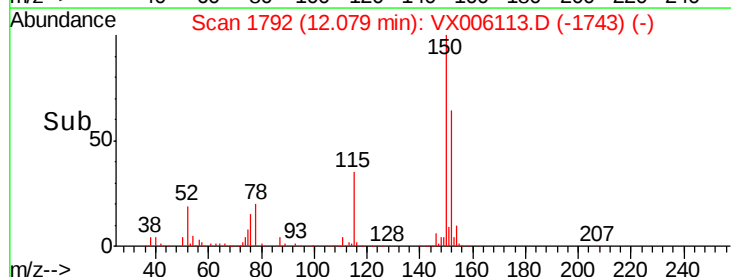
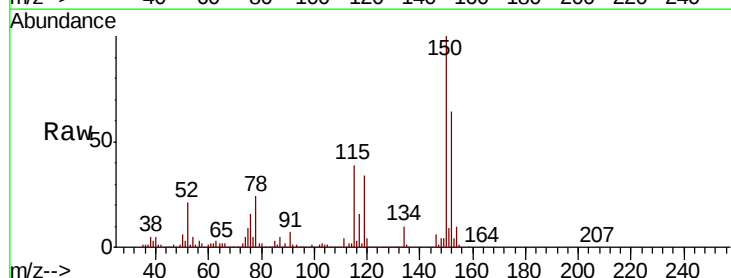
RT: 12.08 min Scan# 1792

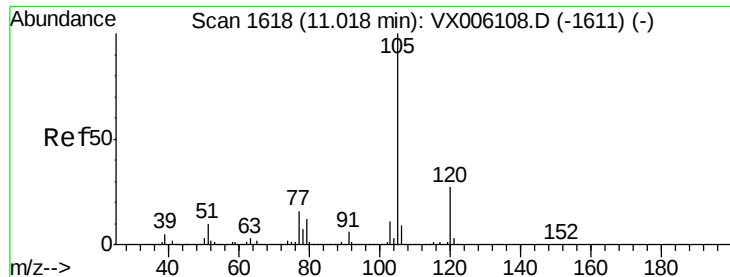
Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion:	152	Resp:	247749
Ion Ratio	Lower	Upper	
152	100		
115	80.4	39.0	116.9
150	173.6	0.0	346.6





#73

Isopropylbenzene

Concen: 55.473 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 831552

Ion Ratio Lower Upper

105 100

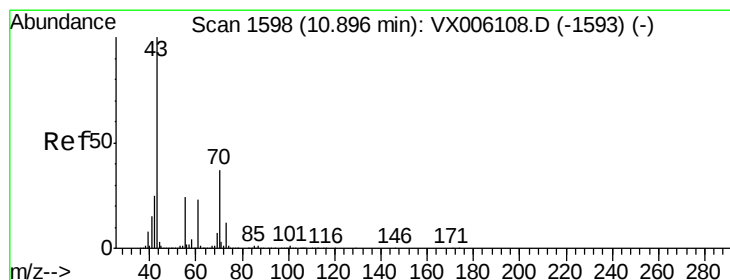
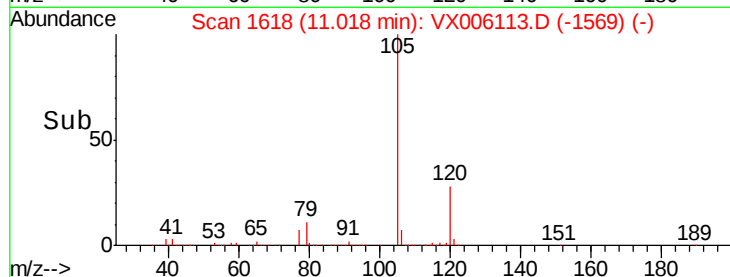
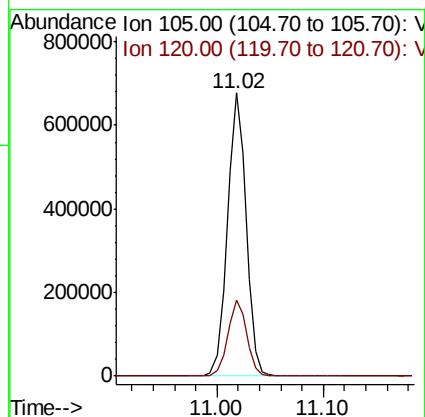
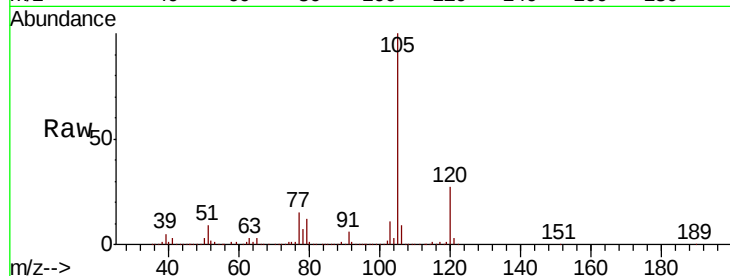
120 27.0 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.165 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion: 43 Resp: 375372

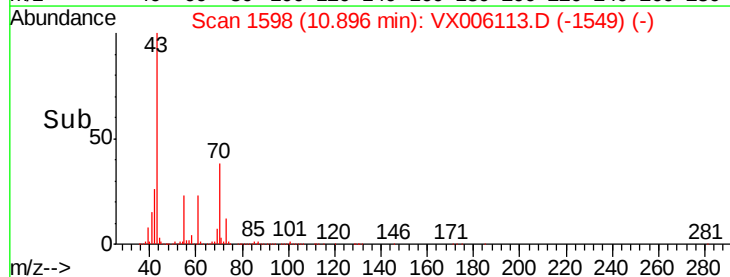
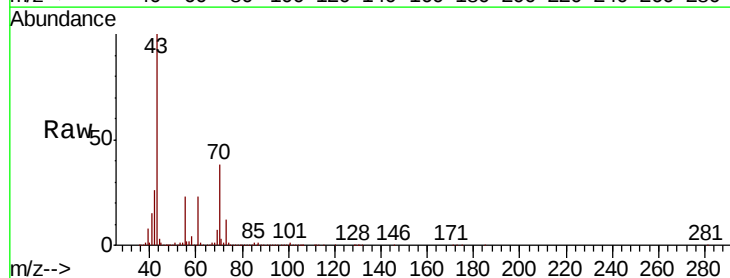
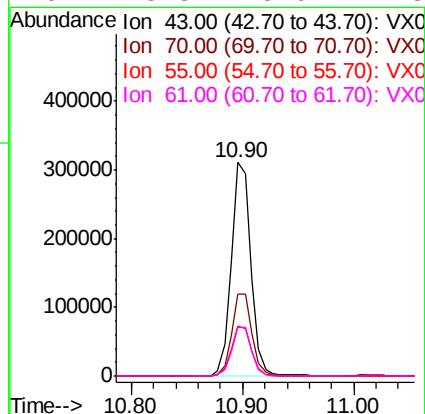
Ion Ratio Lower Upper

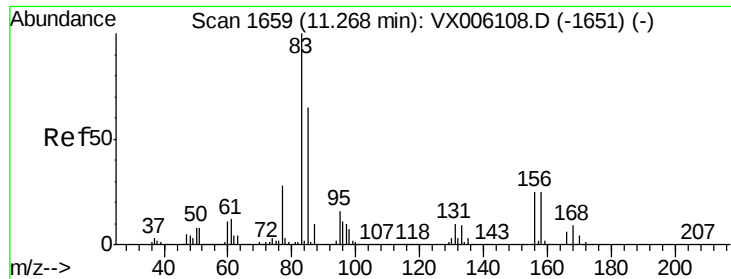
43 100

70 39.7 31.8 47.6

55 23.9 19.5 29.3

61 23.3 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.368 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 278888

Ion Ratio Lower Upper

83 100

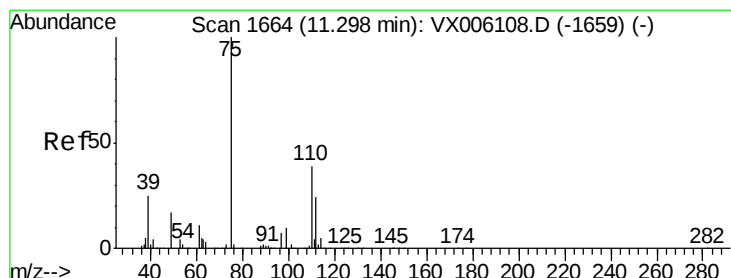
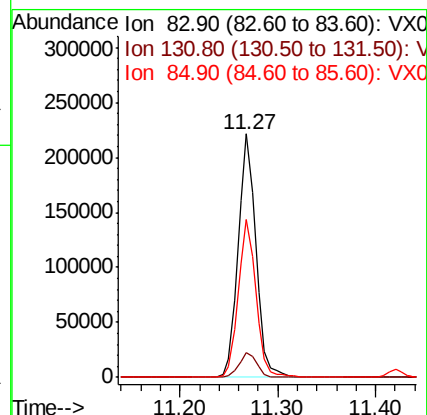
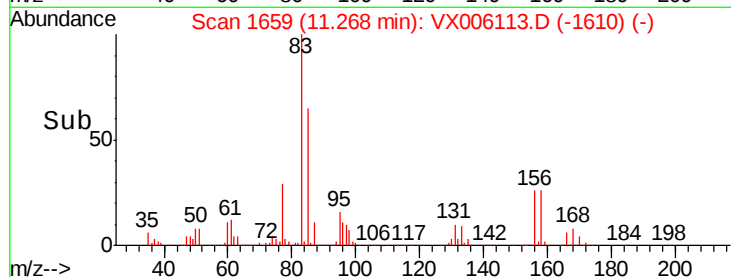
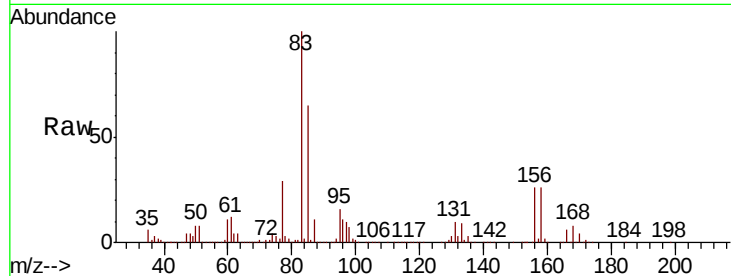
131 10.3 5.2 15.6

85 64.7 32.6 97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.594 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006113.D

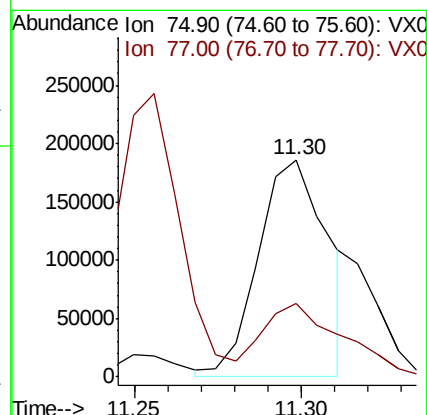
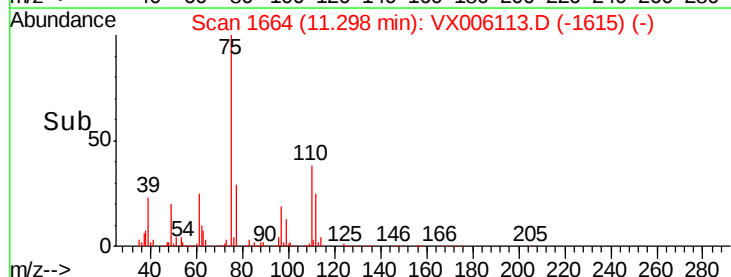
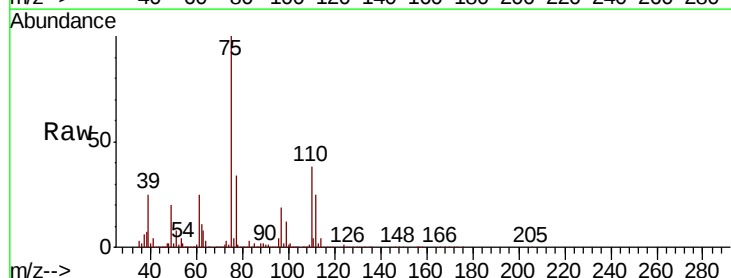
Acq: 21 Nov 2018 10:08

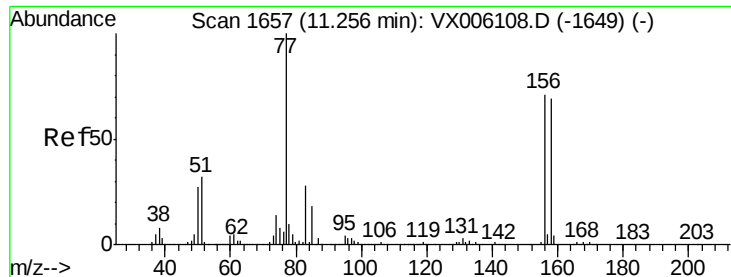
Tgt Ion: 75 Resp: 268265

Ion Ratio Lower Upper

75 100

77 39.1 19.6 58.7





#77

Bromobenzene

Concen: 52.181 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 219125

Ion Ratio Lower Upper

156 100

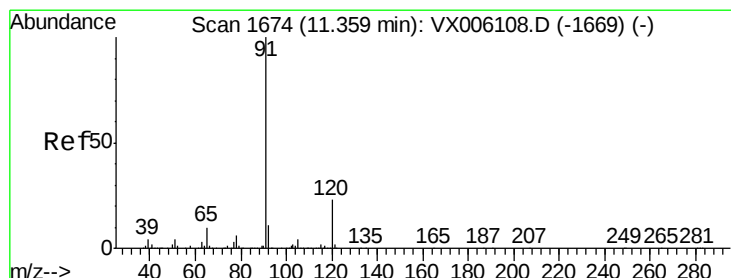
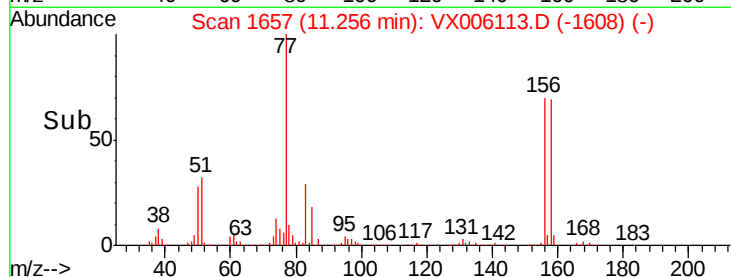
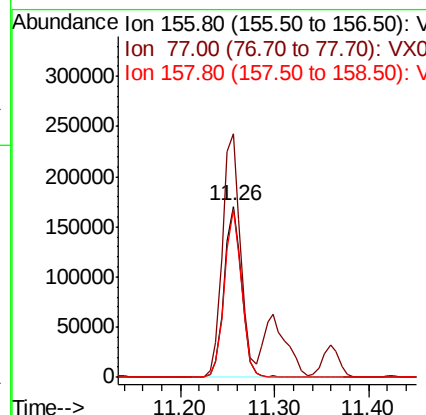
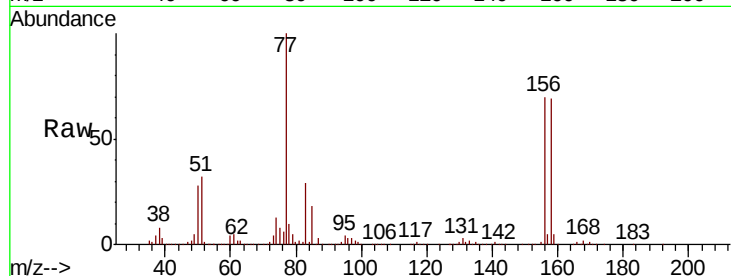
77 147.5 74.3 222.8

158 96.6 49.0 147.0

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#78

n-propylbenzene

Concen: 56.522 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006113.D

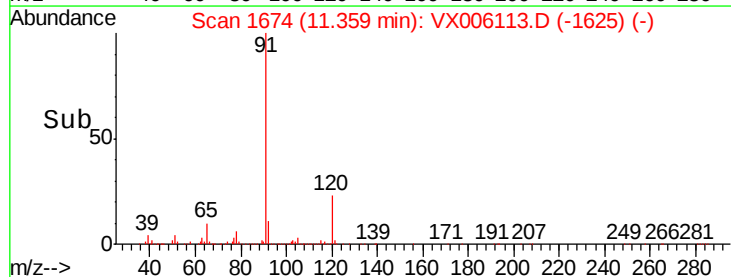
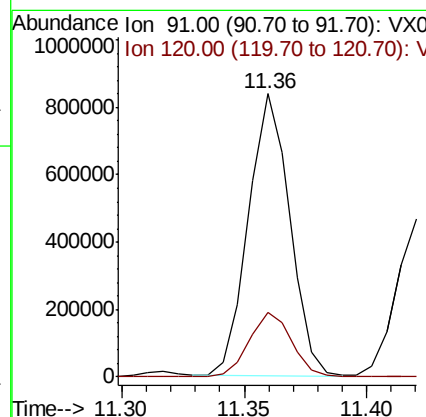
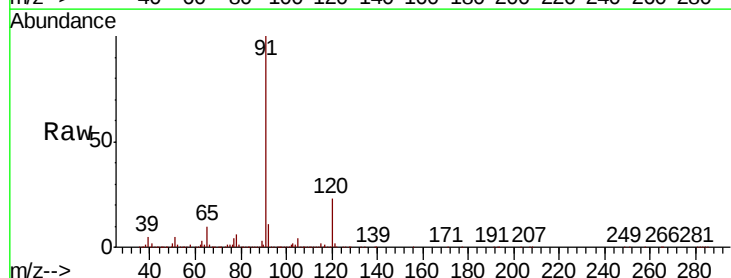
Acq: 21 Nov 2018 10:08

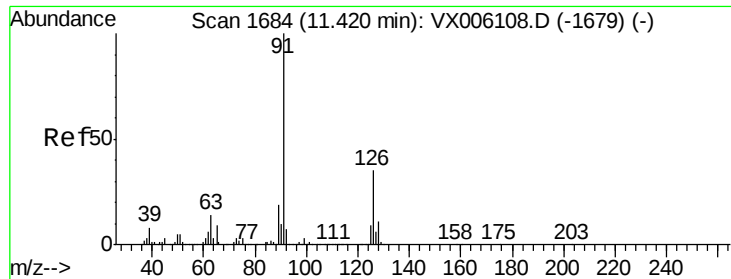
Tgt Ion: 91 Resp: 986717

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3





#79

2-Chlorotoluene

Concen: 53.872 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 568955

Ion Ratio Lower Upper

91 100

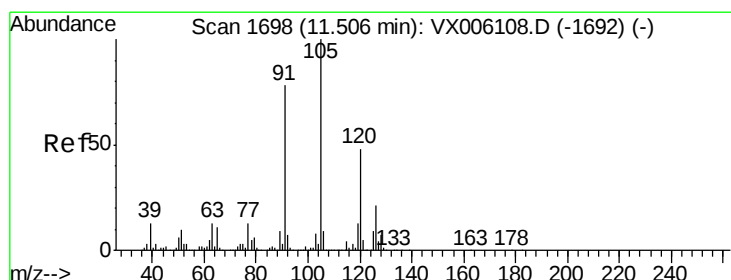
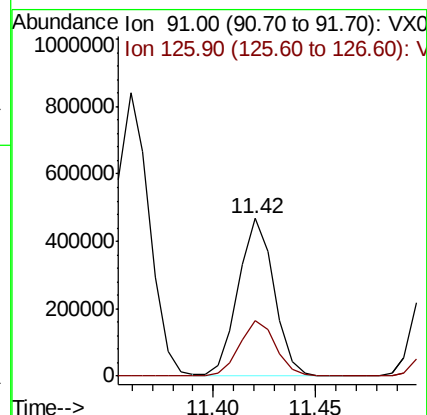
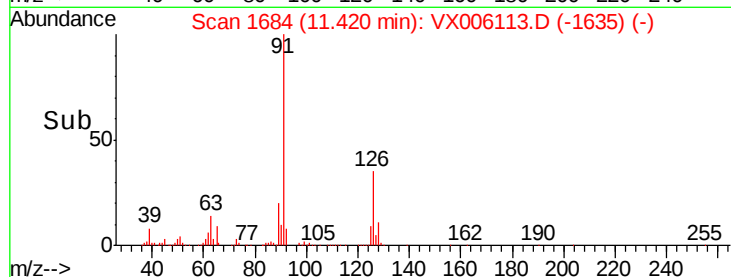
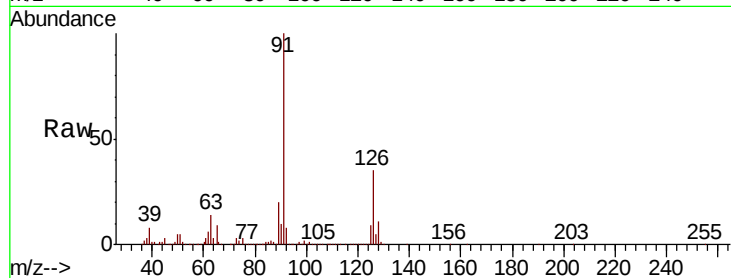
126 35.4 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 56.569 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006113.D

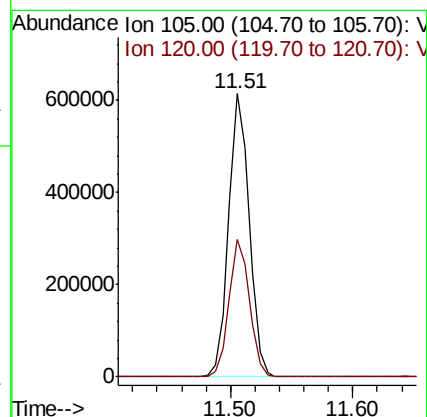
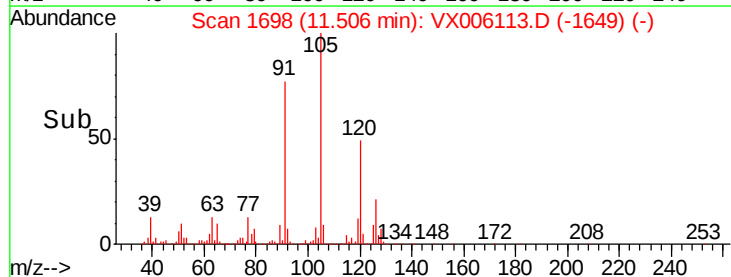
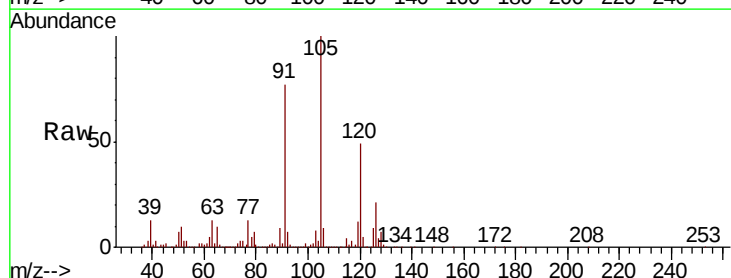
Acq: 21 Nov 2018 10:08

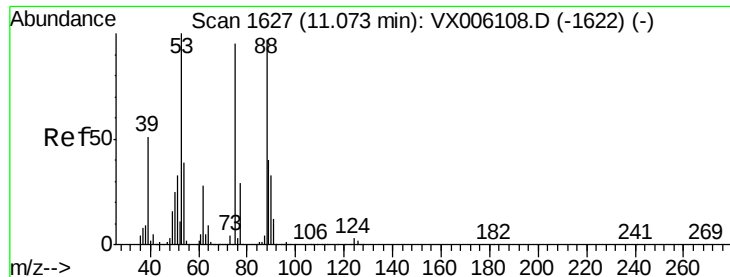
Tgt Ion: 105 Resp: 714947

Ion Ratio Lower Upper

105 100

120 48.4 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.867 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 84251

Ion Ratio Lower Upper

75 100

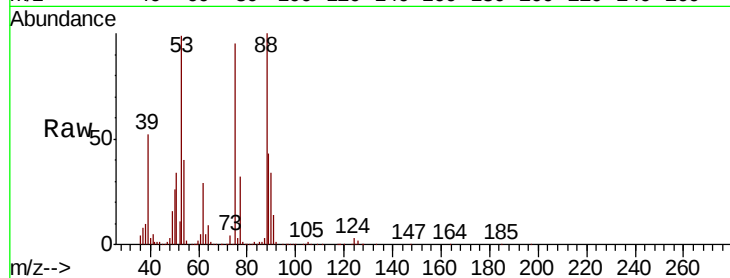
53 105.6 85.3 127.9

89 48.1 37.2 55.8

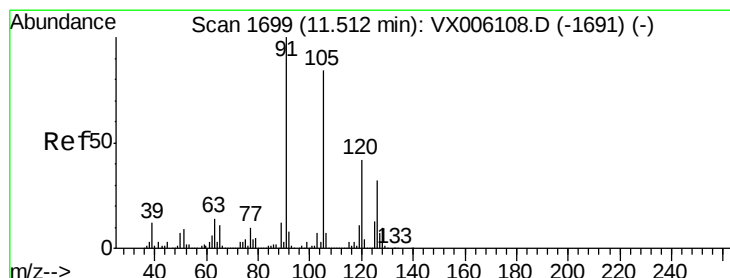
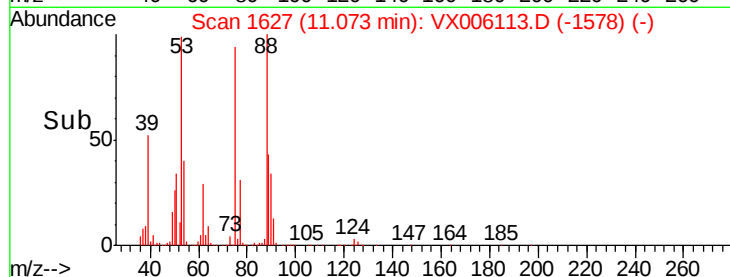
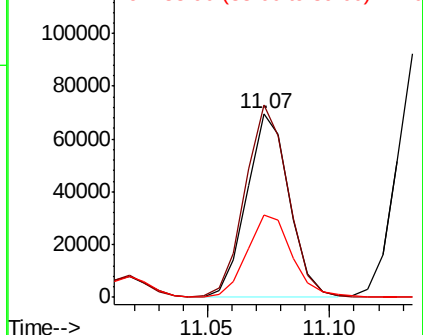
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 55.942 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006113.D

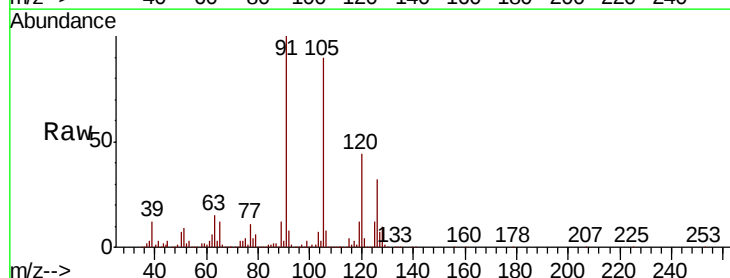
Acq: 21 Nov 2018 10:08

Tgt Ion: 91 Resp: 689494

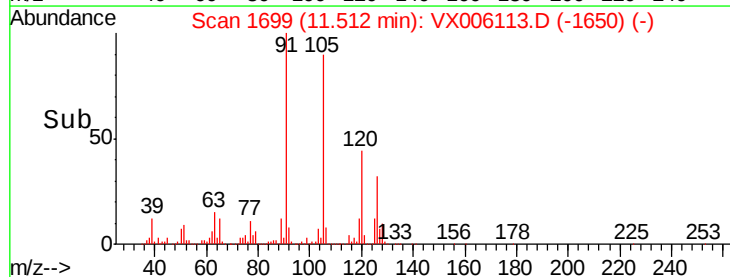
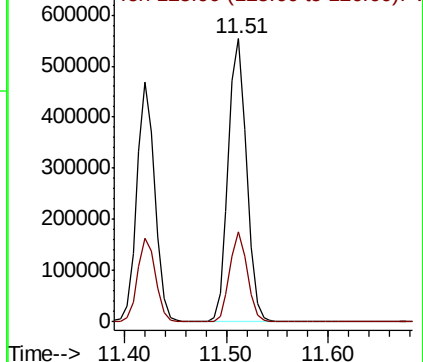
Ion Ratio Lower Upper

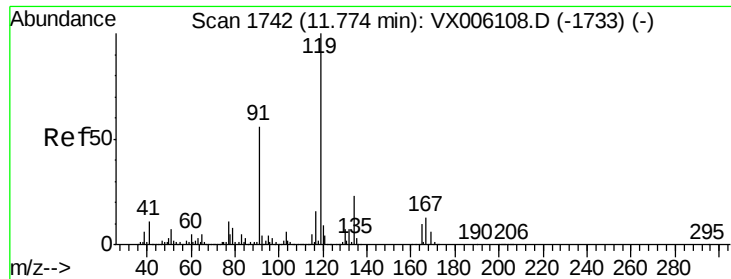
91 100

126 30.6 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





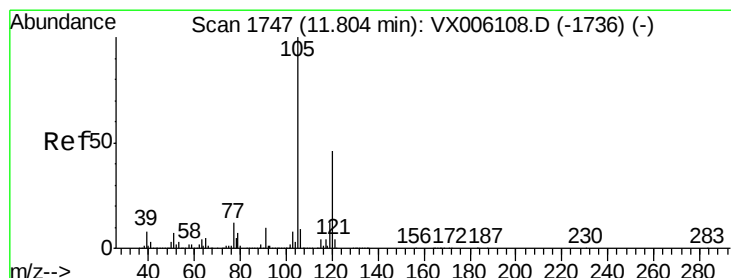
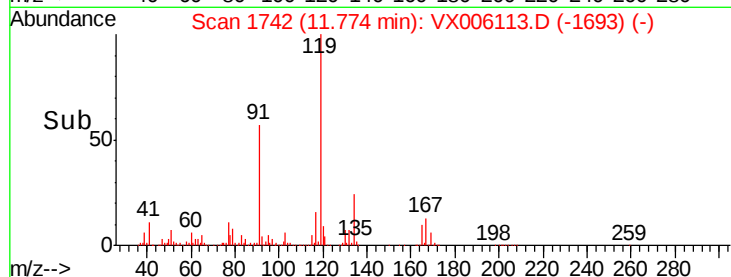
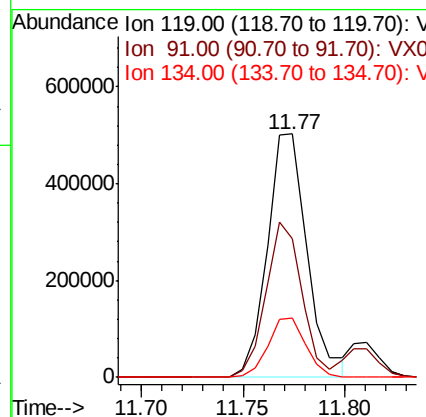
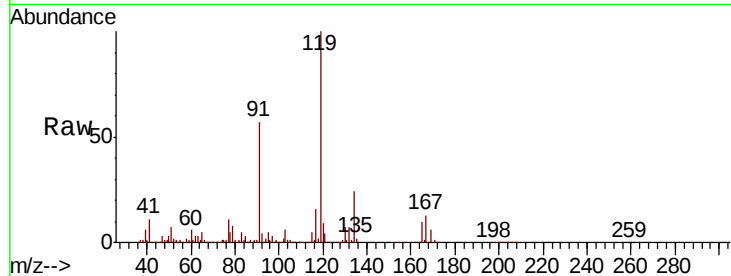
#83
 tert-Butylbenzene
 Concen: 55.439 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.2	84.6
134	23.2	11.5	34.4

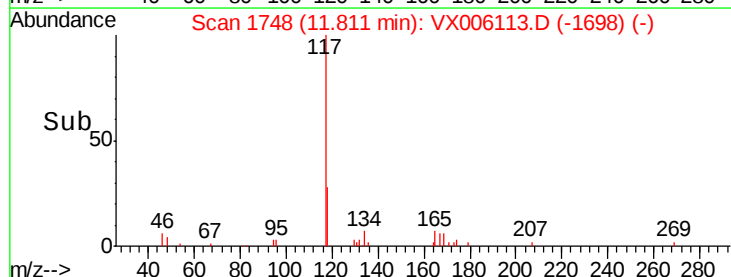
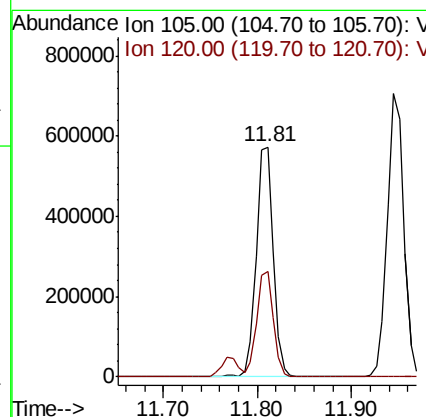
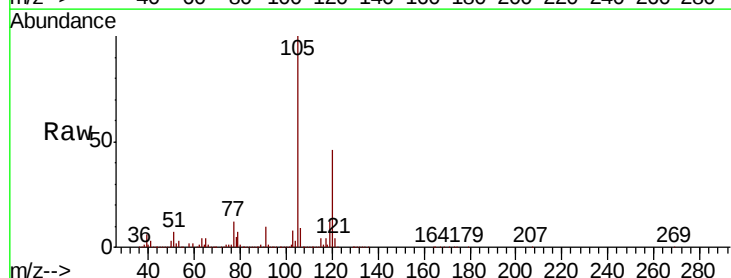
Manual Integrations
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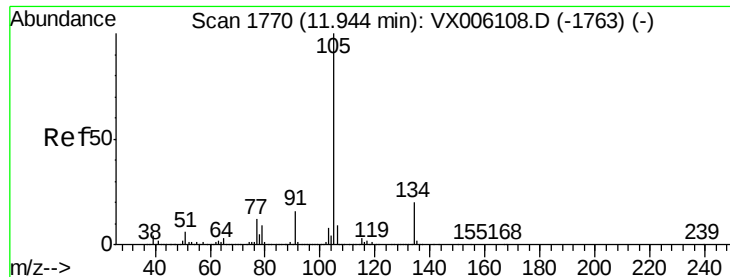
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.731 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0





#85

sec-Butylbenzene

Concen: 56.771 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 856779

Ion Ratio Lower Upper

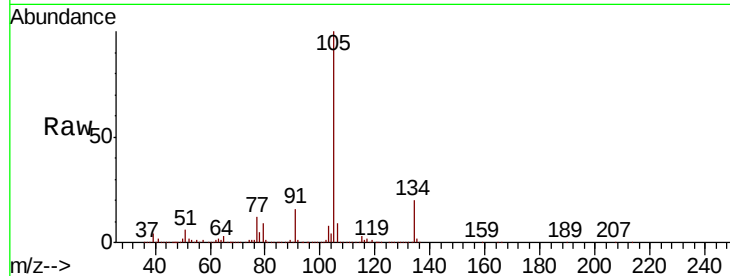
105 100

134 20.4 10.4 31.1

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

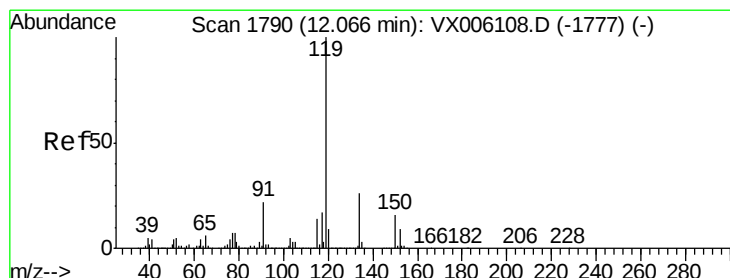
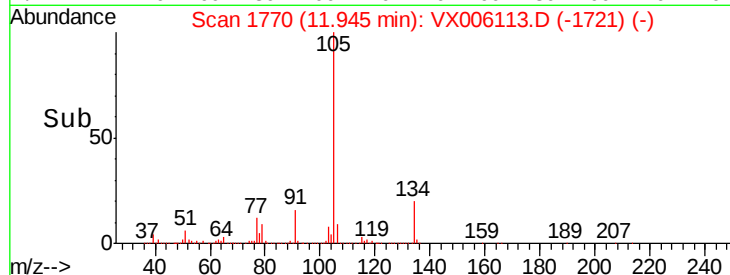
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 56.791 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

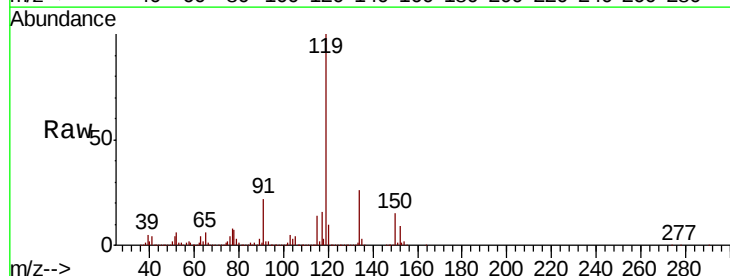
Tgt Ion:119 Resp: 764153

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 23.1 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

12.07

800000

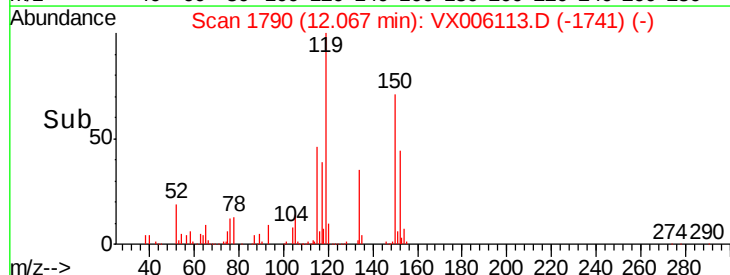
600000

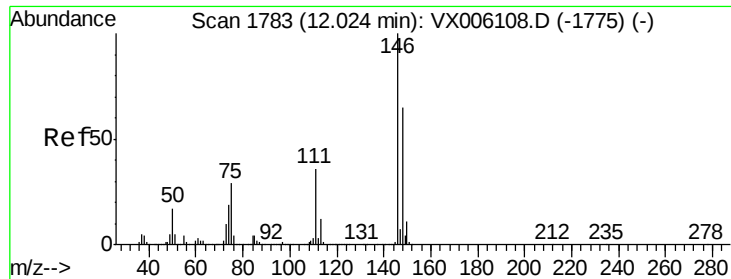
400000

200000

0

Time-->





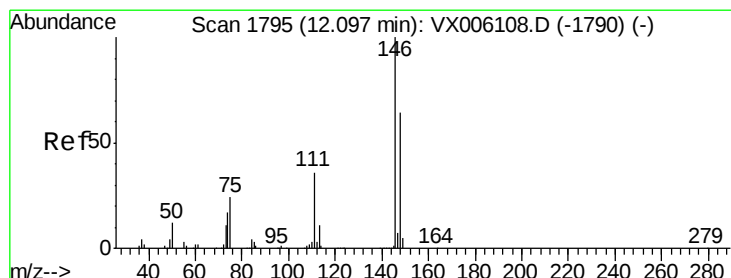
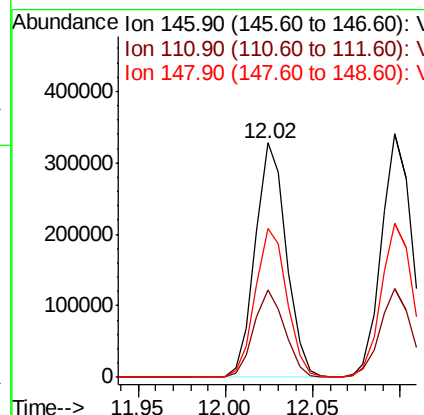
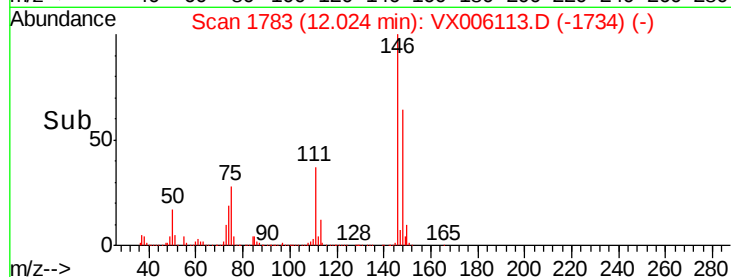
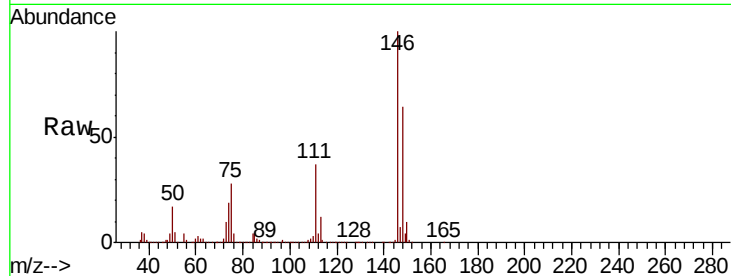
#87
 1,3-Dichlorobenzene
 Concen: 52.512 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.7	32.2	96.6

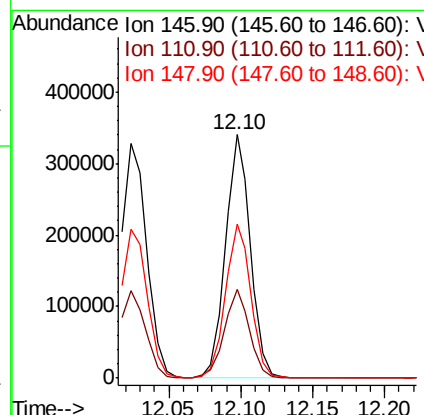
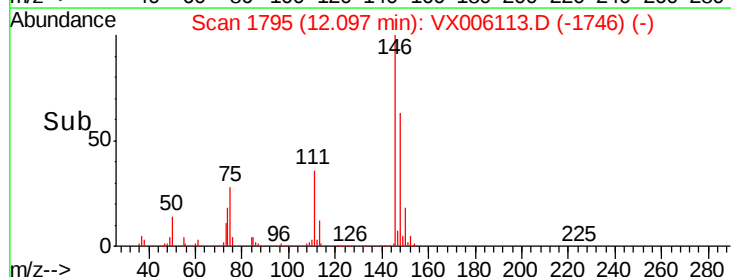
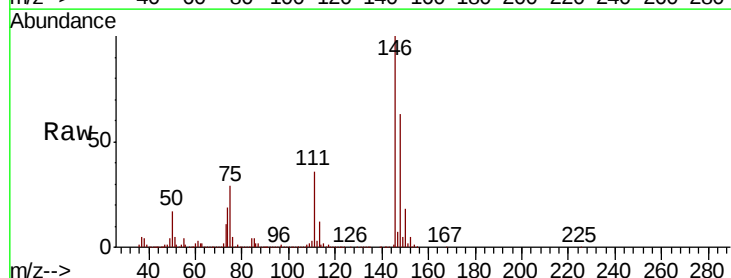
Manual Integrations
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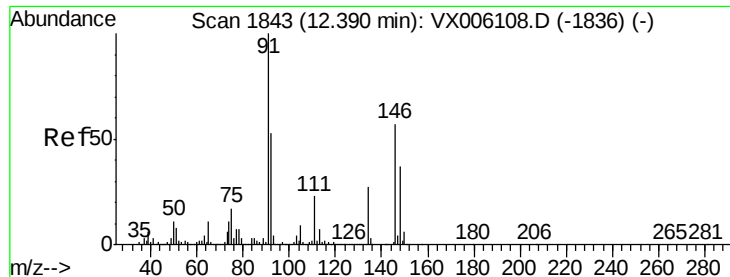
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#88
 1,4-Dichlorobenzene
 Concen: 51.479 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.9
148	64.9	32.2	96.6





#89
n-Butylbenzene
Concen: 57.910 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

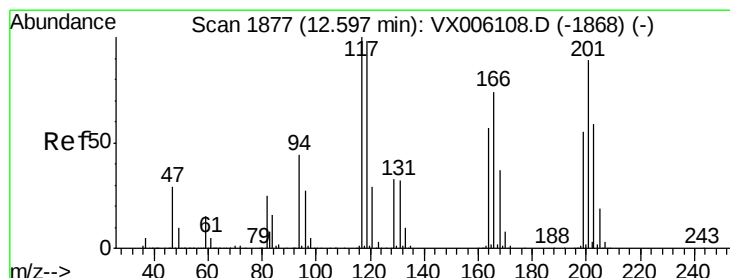
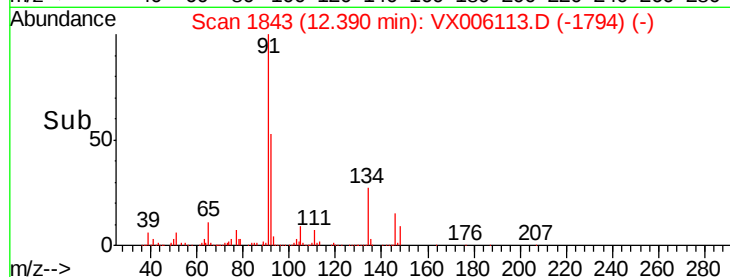
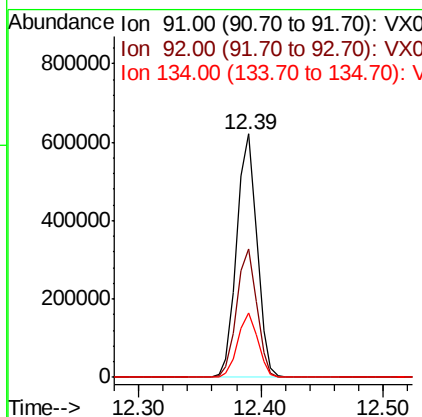
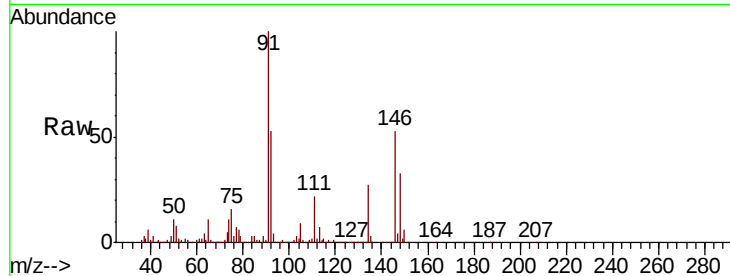
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	26.3	13.1	39.3

Manual Integrations
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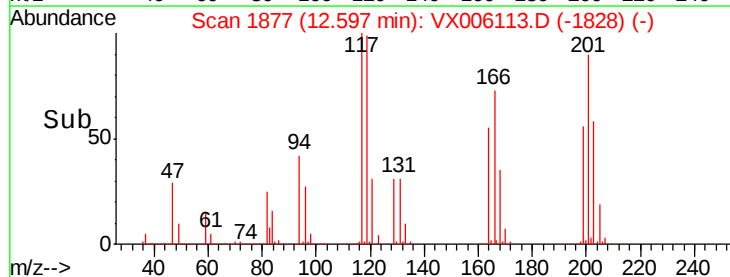
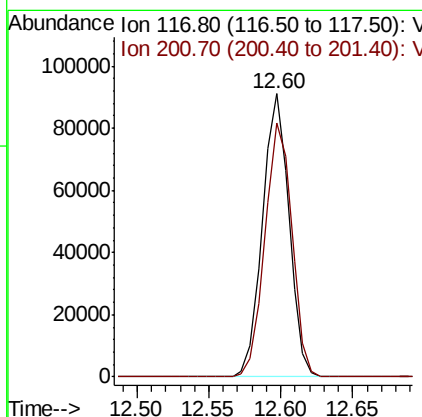
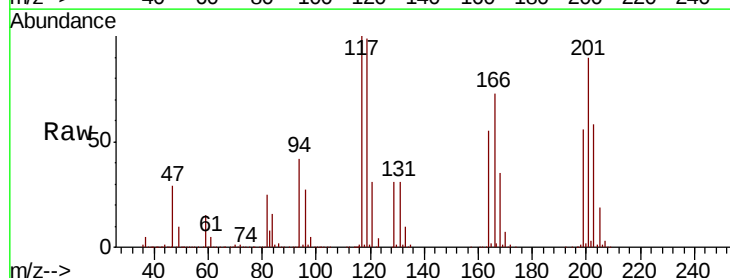
MMDadoda

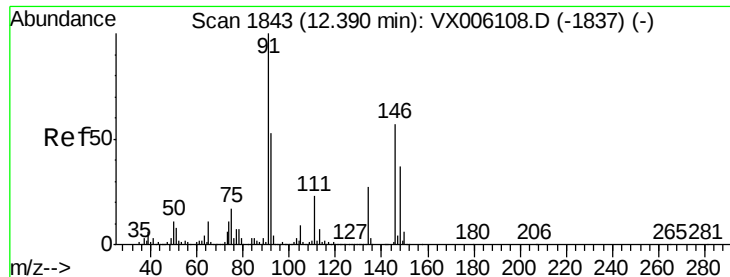
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#90
Hexachloroethane
Concen: 53.732 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006113.D
Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	46.1	138.2





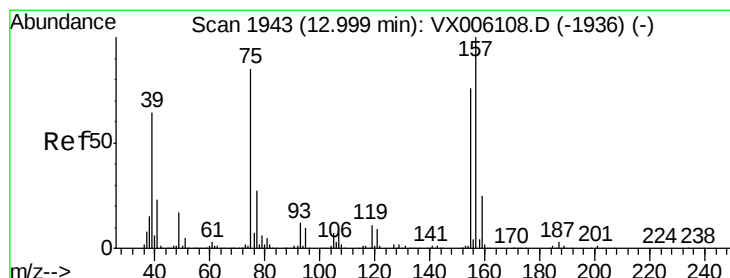
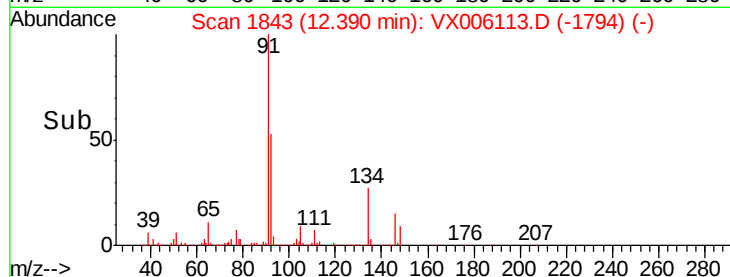
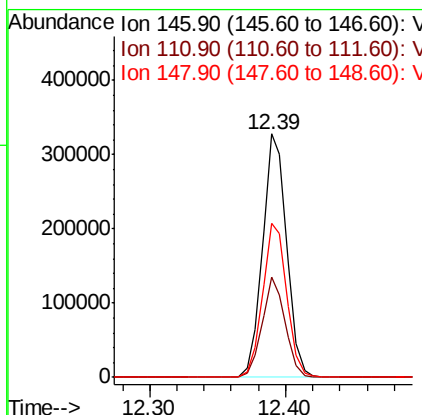
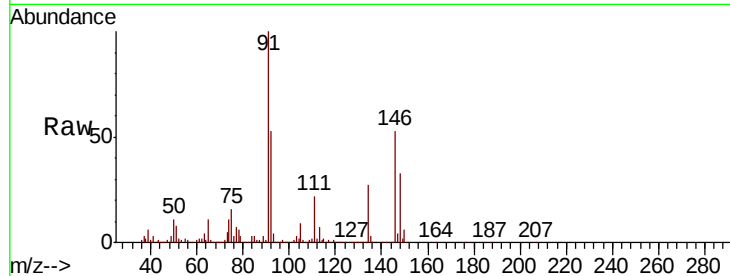
#91
 1,2-Dichlorobenzene
 Concen: 51.573 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	408241		
111	39.7	19.6	58.8	
148	63.6	32.0	96.0	

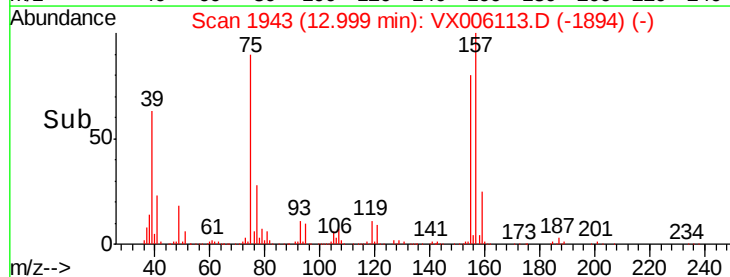
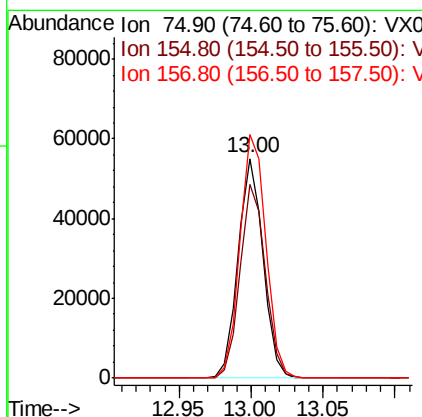
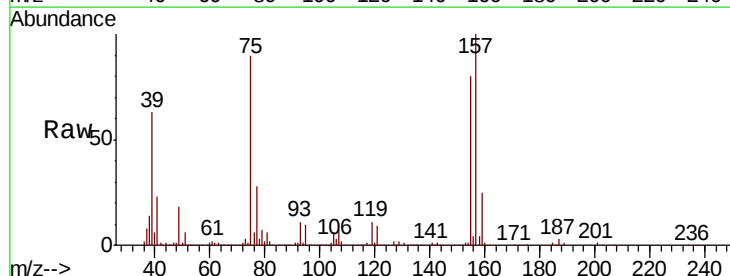
Manual Integrations
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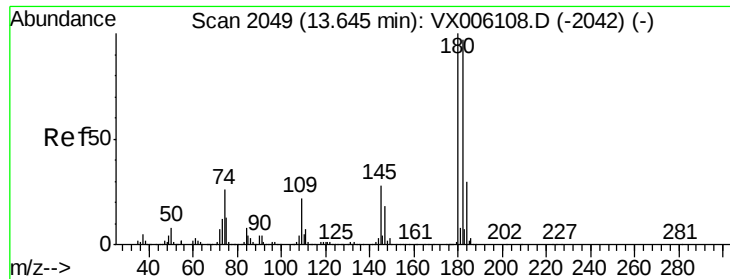
MM Dadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.658 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66405		
155	89.3	46.1	138.3	
157	115.1	59.8	179.3	





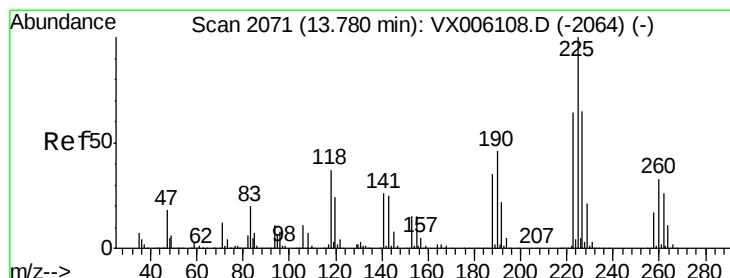
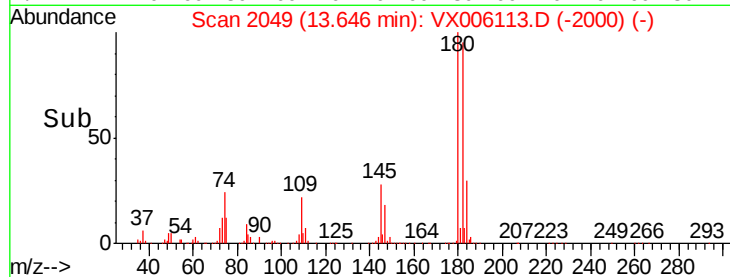
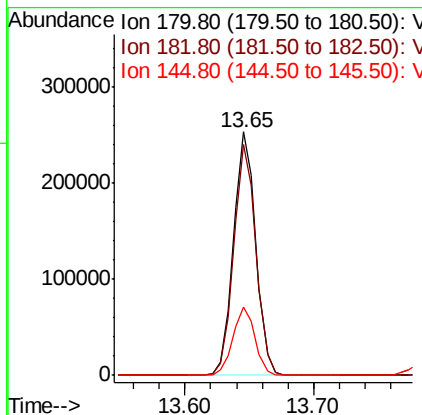
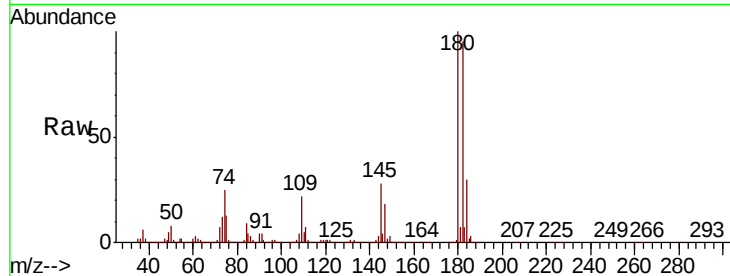
#93
 1,2,4-Trichlorobenzene
 Concen: 55.081 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	307151
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.2	144.6
145	27.9	14.1	42.2

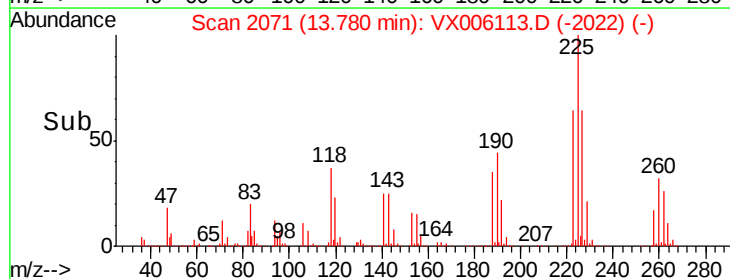
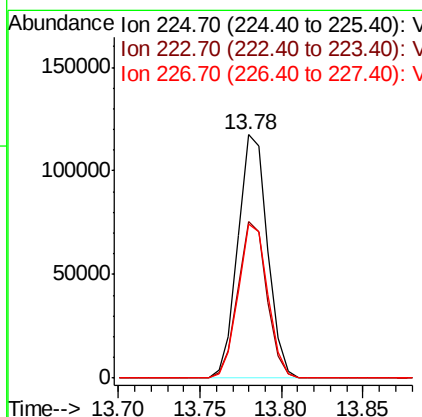
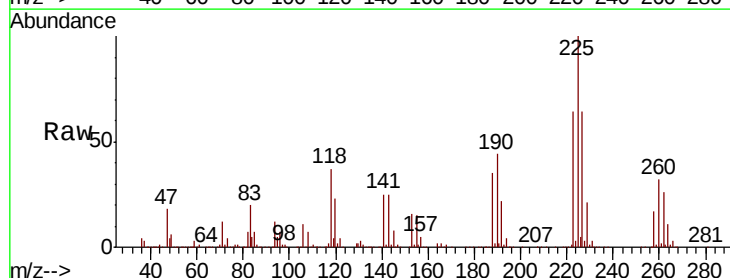
Manual Integrations
 APPROVED

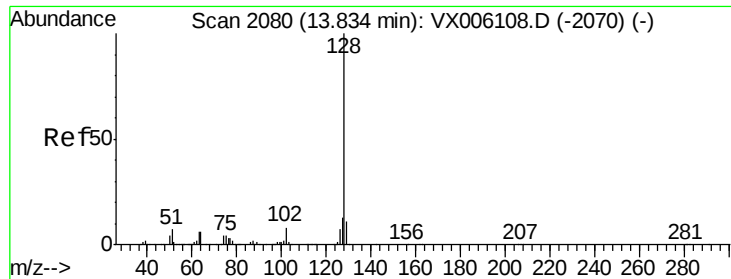
MMDadoda
 11/26/2018 10:52:15 AM



#94
 Hexachlorobutadiene
 Concen: 54.781 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006113.D
 Acq: 21 Nov 2018 10:08

Tgt Ion:	225	Resp:	148880
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.2	93.6
227	63.4	32.4	97.2





#95

Naphthalene

Concen: 56.156 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

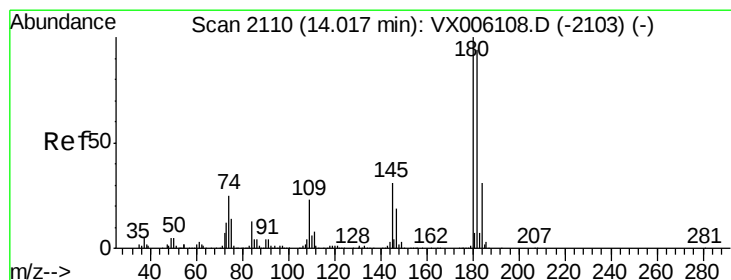
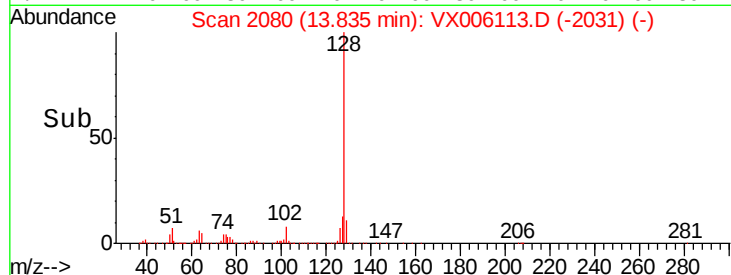
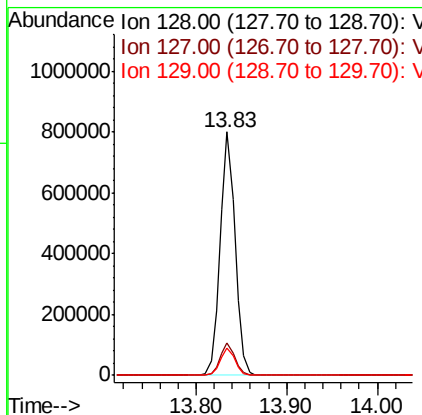
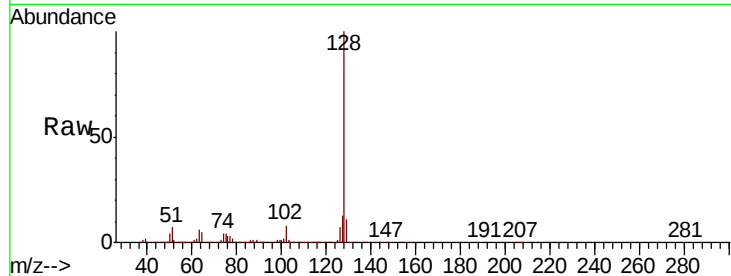
VSTDCCC050

Tot Ion:	128	Resp:	920825
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda

11/26/2018 10:52:15 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.800 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006113.D

Acq: 21 Nov 2018 10:08

Tgt Ion:	180	Resp:	305856
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.5	142.5
145	30.0	15.0	45.0

