

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071420\
 Data File : VX017365.D
 Acq On : 14 Jul 2020 09:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:21:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	321769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	191536	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	5.46	113	156002	50.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.70	98	574051	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	227345	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	156298	57.405	ug/l	99
3) Chloromethane	1.31	50	150618	49.137	ug/l	99
4) Vinyl Chloride	1.39	62	152948	50.438	ug/l	99
5) Bromomethane	1.62	94	99892	50.603	ug/l	98
6) Chloroethane	1.71	64	95279	49.778	ug/l	100
7) Trichlorofluoromethane	1.92	101	265966	51.965	ug/l	96
8) Diethyl Ether	2.17	74	88356	48.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	145087	49.763	ug/l	98
10) Methyl Iodide	2.49	142	184461	47.845	ug/l	99
11) Tert butyl alcohol	3.01	59	157177	231.004	ug/l	99
12) 1,1-Dichloroethene	2.36	96	133959	45.748	ug/l	98
13) Acrolein	2.27	56	79711	213.712	ug/l	100
14) Allyl chloride	2.70	41	252473	49.760	ug/l	98
15) Acrylonitrile	3.11	53	399363	242.123	ug/l	100
16) Acetone	2.42	43	305525	212.059	ug/l	98
17) Carbon Disulfide	2.55	76	426780	49.962	ug/l	99
18) Methyl Acetate	2.75	43	168340	47.306	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	499865	50.274	ug/l	99
20) Methylene Chloride	2.83	84	163132	46.407	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	163394	48.771	ug/l	97
22) Diisopropyl ether	3.82	45	489984	50.697	ug/l	94
23) Vinyl Acetate	3.78	43	2176302	256.036	ug/l	100
24) 1,1-Dichloroethane	3.67	63	280599	49.401	ug/l	99
25) 2-Butanone	4.63	43	522093	228.153	ug/l	98
26) 2,2-Dichloropropane	4.55	77	262177	49.596	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177476	48.307	ug/l	98
28) Bromochloromethane	4.98	49	129825	49.477	ug/l	98
29) Tetrahydrofuran	5.09	42	351852	237.531	ug/l	99
30) Chloroform	5.17	83	294724	48.227	ug/l	96
31) Cyclohexane	5.54	56	244723	52.629	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	273633	48.435	ug/l	98
36) 1,1-Dichloropropene	5.77	75	222727	52.505	ug/l	99
37) Ethyl Acetate	4.79	43	214459	48.886	ug/l	99
38) Carbon Tetrachloride	5.75	117	259407	52.230	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	256300	55.638	ug/l	98
40) Benzene	6.11	78	625819	51.335	ug/l	98
41) Methacrylonitrile	4.99	41	120515	51.172	ug/l	98
42) 1,2-Dichloroethane	6.16	62	240389	50.752	ug/l	99
43) Isopropyl Acetate	6.41	43	348738	49.749	ug/l	100
44) Trichloroethene	7.18	130	189938	51.007	ug/l	93
45) 1,2-Dichloropropane	7.49	63	162986	52.250	ug/l	98
46) Dibromomethane	7.63	93	114881	51.065	ug/l	99
47) Bromodichloromethane	7.87	83	240613	51.157	ug/l	99
48) Methyl methacrylate	7.74	41	173641	51.619	ug/l	99
49) 1,4-Dioxane	7.71	88	67220	976.480	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1074773	251.451	ug/l	100
52) Toluene	8.76	92	413570	52.864	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	261996	51.706	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	280241	51.854	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	167863	51.456	ug/l	98
56) Ethyl methacrylate	9.16	69	243669	52.611	ug/l	100
57) 1,3-Dichloropropane	9.35	76	276374	50.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	642769	273.328	ug/l	100
59) 2-Hexanone	9.47	43	830933	257.571	ug/l	99
60) Dibromochloromethane	9.56	129	202935	50.921	ug/l	100
61) 1,2-Dibromoethane	9.65	107	180754	50.934	ug/l	99
64) Tetrachloroethene	9.32	164	195578	50.722	ug/l	98
65) Chlorobenzene	10.12	112	456001	50.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	182181	50.543	ug/l	98
67) Ethyl Benzene	10.23	91	788130	52.293	ug/l	99
68) m/p-Xylenes	10.34	106	619973	108.114	ug/l	99
69) o-Xylene	10.68	106	289350	52.806	ug/l	99
70) Styrene	10.70	104	513139	54.556	ug/l	99
71) Bromoform	10.84	173	160275	52.694	ug/l	98
73) Isopropylbenzene	11.00	105	813236	53.697	ug/l	99
74) N-amyl acetate	10.88	43	323900	53.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228620	49.718	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	292807	65.589	ug/l	85
77) Bromobenzene	11.24	156	216401	50.168	ug/l	97
78) n-propylbenzene	11.34	91	933923	54.908	ug/l	99
79) 2-Chlorotoluene	11.40	91	554295	52.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	701813	54.590	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87024	49.450	ug/l #	94
82) 4-Chlorotoluene	11.49	91	662629	53.343	ug/l	100
83) tert-Butylbenzene	11.76	119	662365	53.298	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	701203	53.989	ug/l	98
85) sec-Butylbenzene	11.93	105	791342	54.389	ug/l	100
86) p-Isopropyltoluene	12.05	119	765118	55.577	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	388462	50.342	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	390048	50.032	ug/l	100
89) n-Butylbenzene	12.37	91	638375	54.372	ug/l	99
90) Hexachloroethane	12.58	117	138231	52.889	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	362744	50.024	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55550	45.782	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

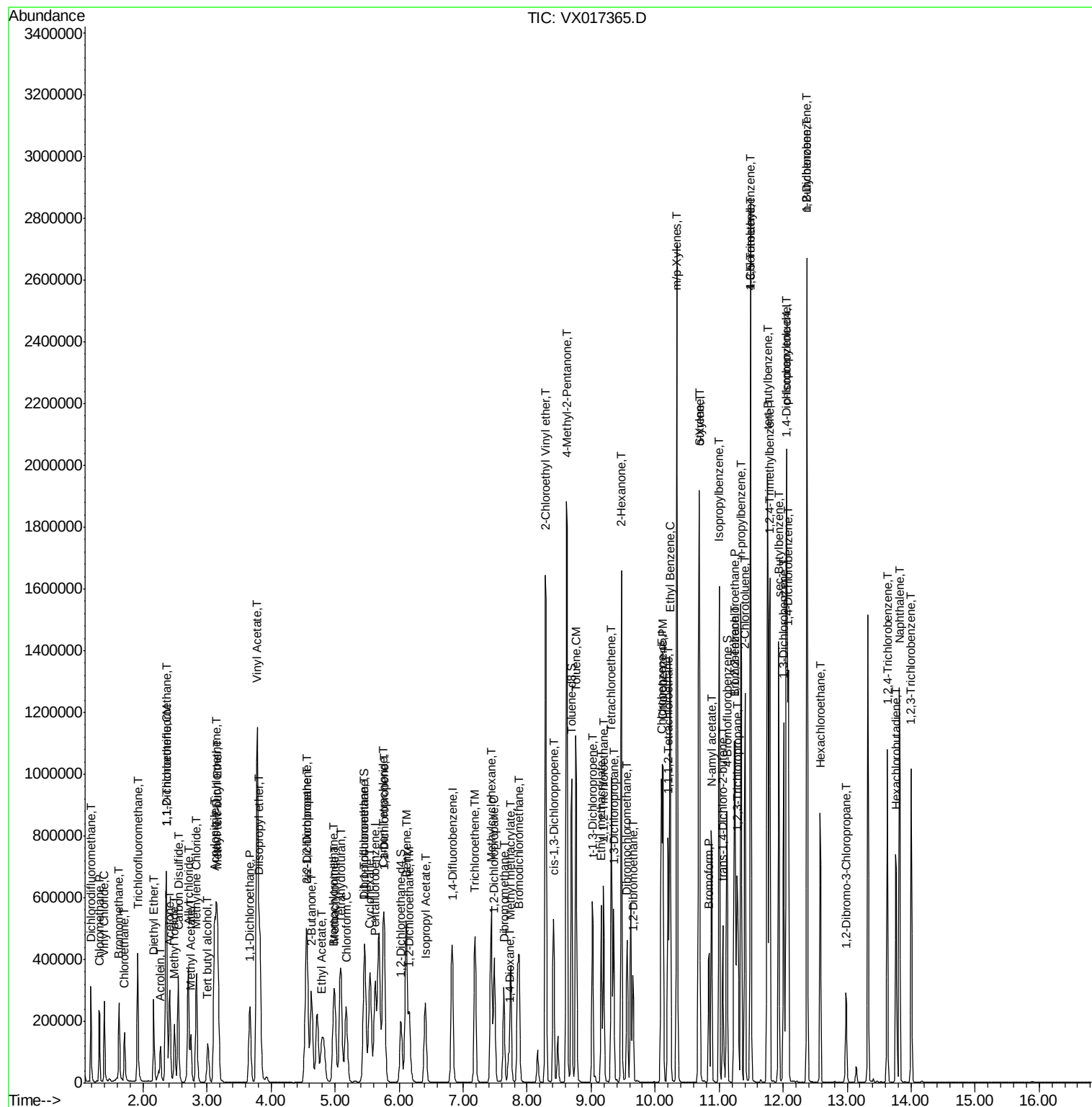
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	255430	50.744	ug/l	99
94) Hexachlorobutadiene	13.77	225	108462	52.836	ug/l	98
95) Naphthalene	13.82	128	775182	52.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	252875	52.006	ug/l	96

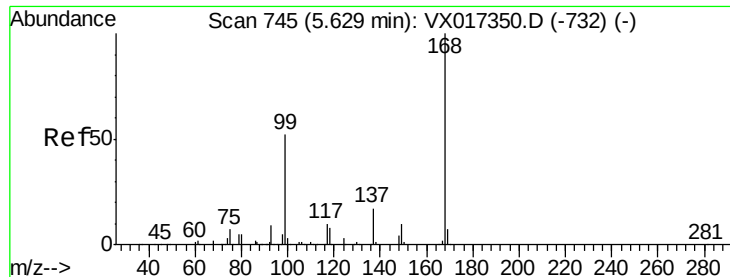
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

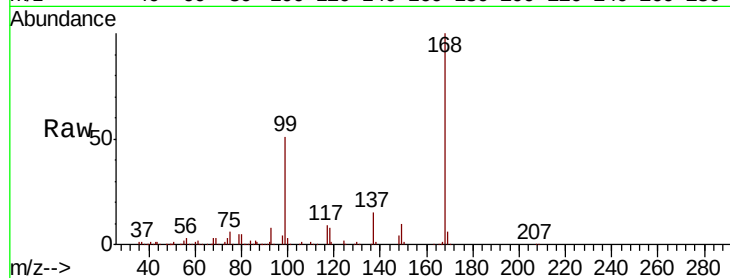
VSTDCCC050

Tot Ion:168 Resp: 321769

Ion Ratio Lower Upper

168 100

99 50.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

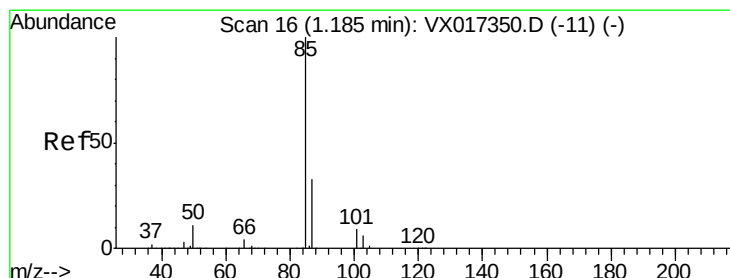
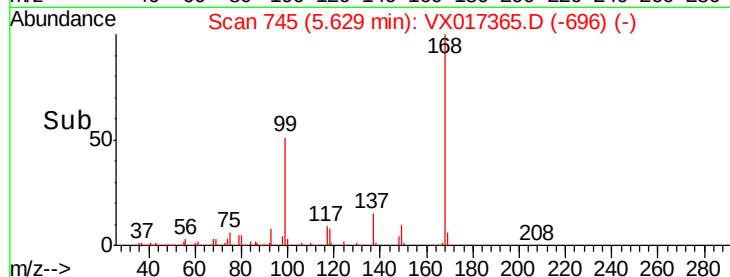
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.405 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017365.D

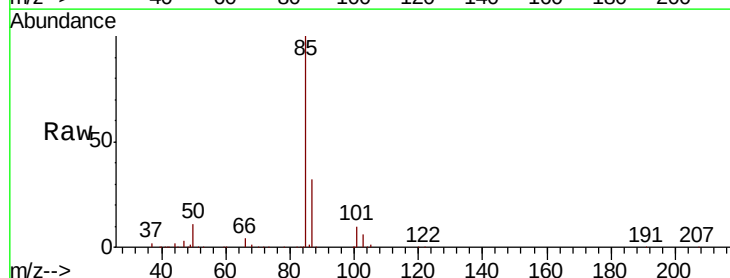
Acq: 14 Jul 2020 09:32

Tgt Ion: 85 Resp: 156298

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

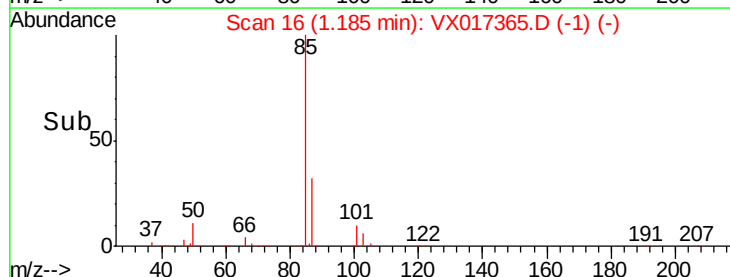
150000

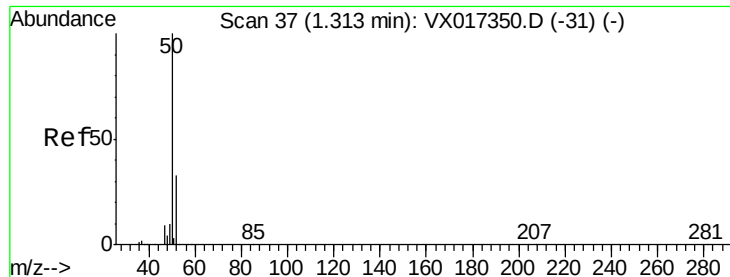
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Time-->

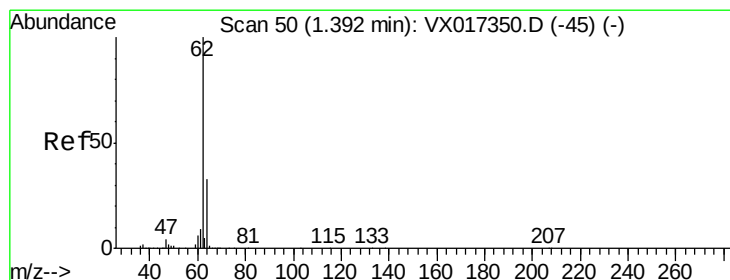
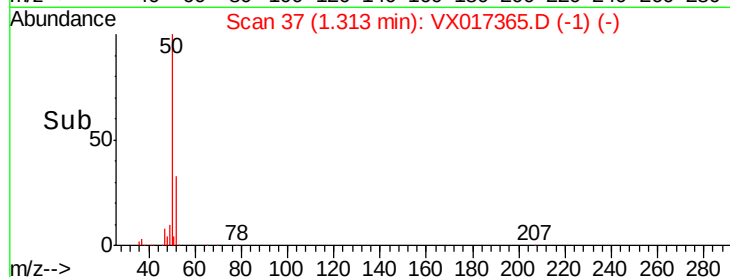
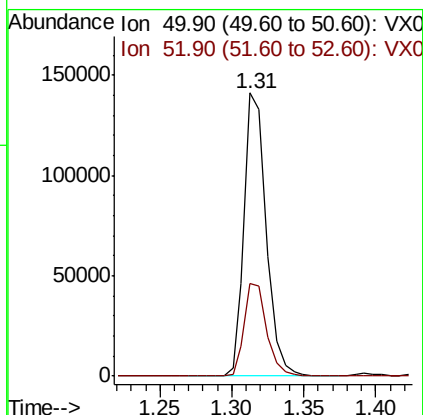
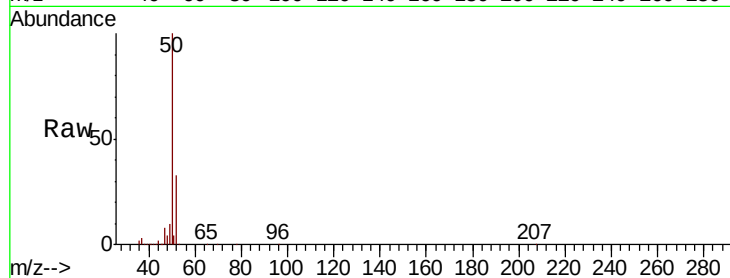




#3
Chloromethane
Concen: 49.137 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

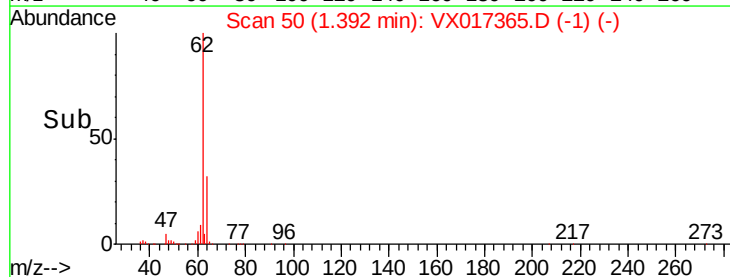
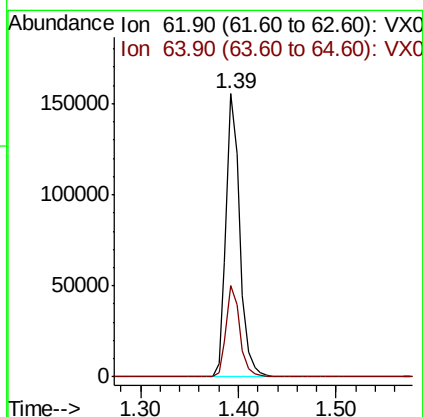
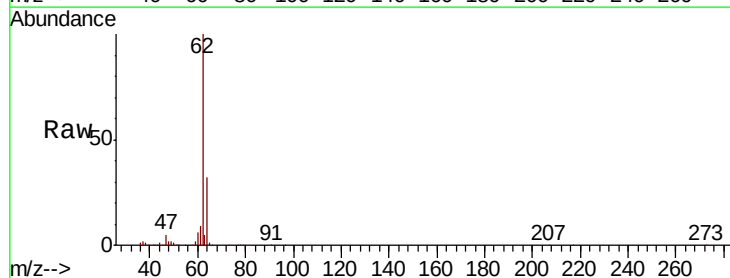
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

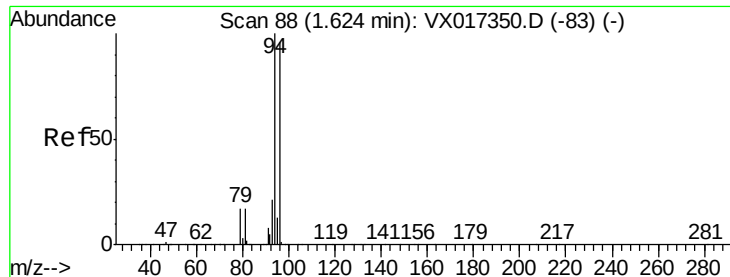
Tot Ion: 50 Resp: 150618
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 50.438 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 62 Resp: 152948
Ion Ratio Lower Upper
62 100
64 32.1 26.3 39.5





#5

Bromomethane

Concen: 50.603 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

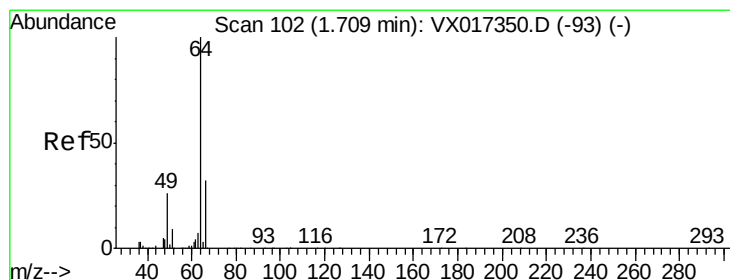
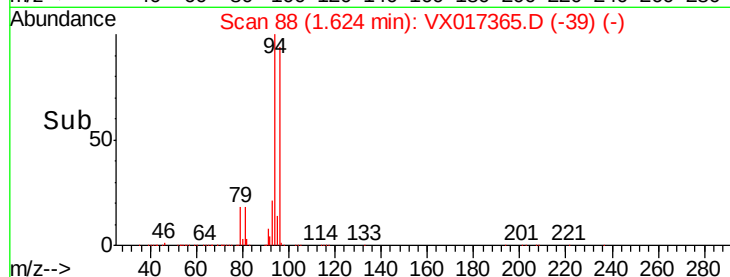
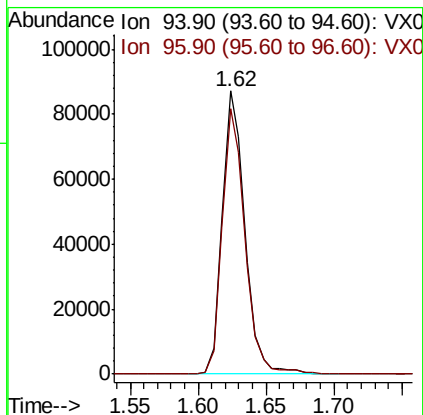
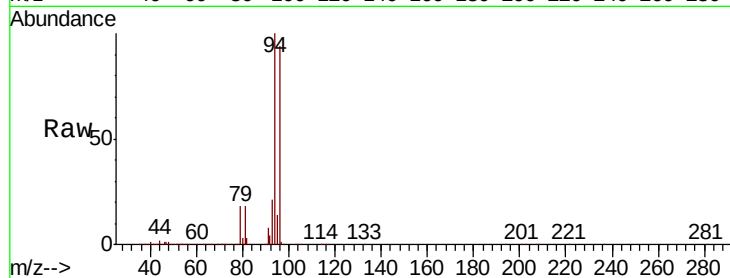
VSTDCCC050

Tot Ion: 94 Resp: 99892

Ion Ratio Lower Upper

94 100

96 93.6 76.6 115.0



#6

Chloroethane

Concen: 49.778 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017365.D

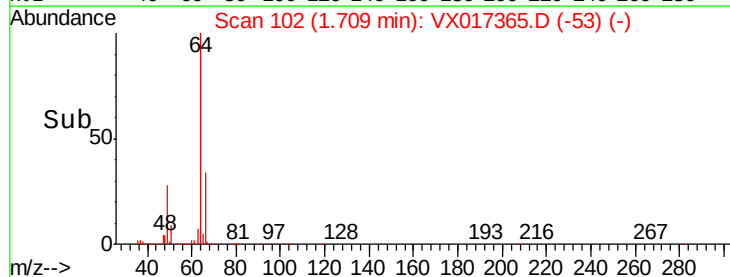
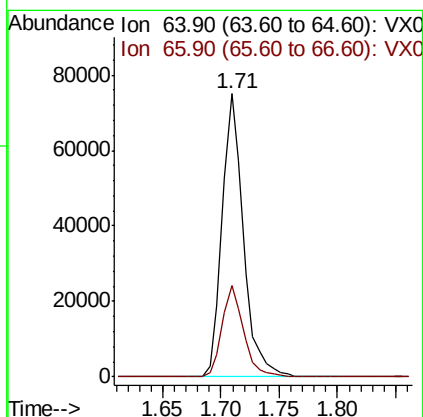
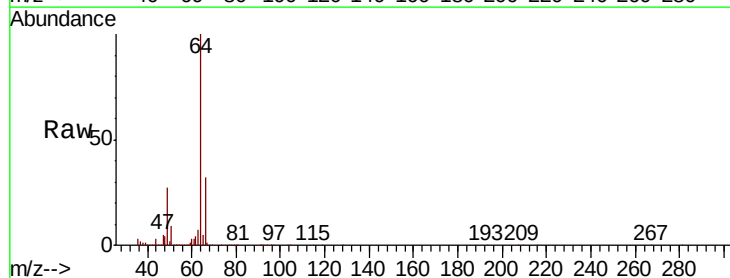
Acq: 14 Jul 2020 09:32

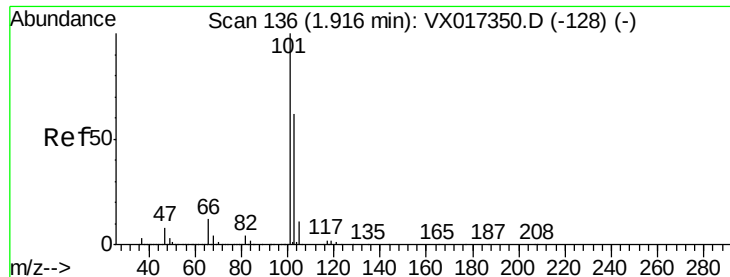
Tgt Ion: 64 Resp: 95279

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



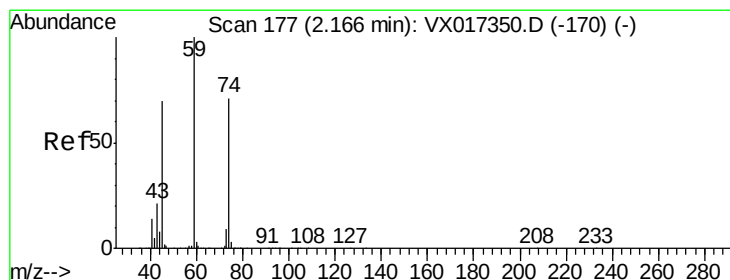
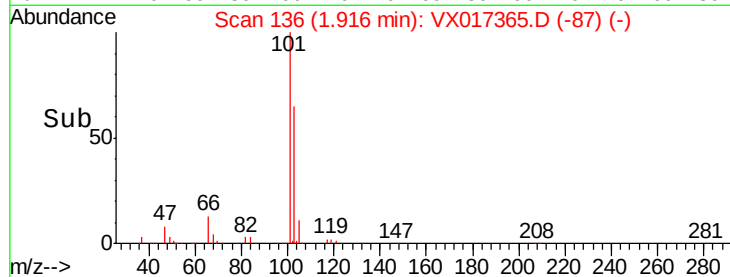
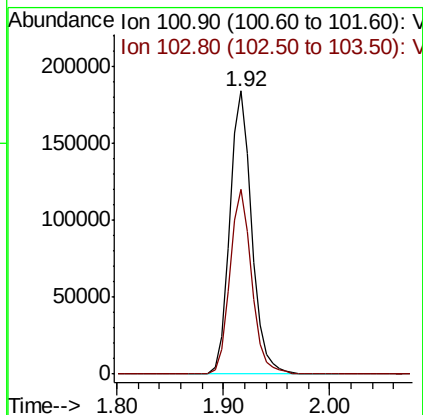
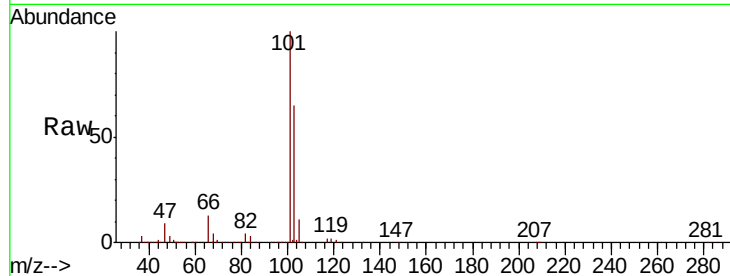


#7

Trichlorofluoromethane
 Concen: 51.965 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

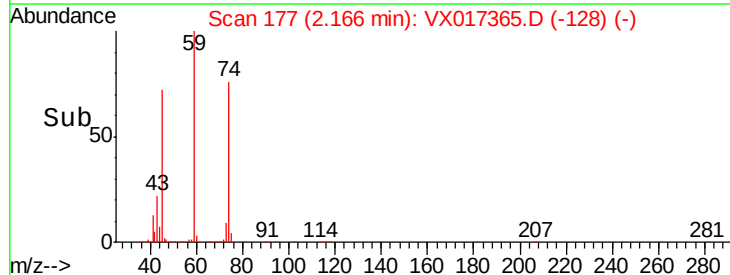
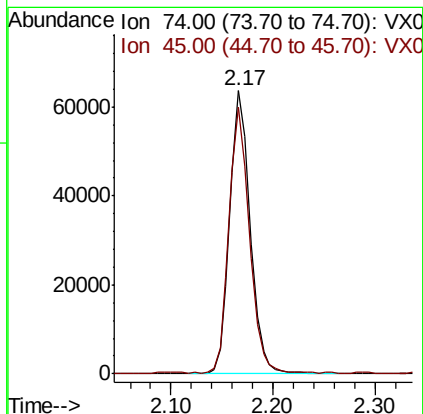
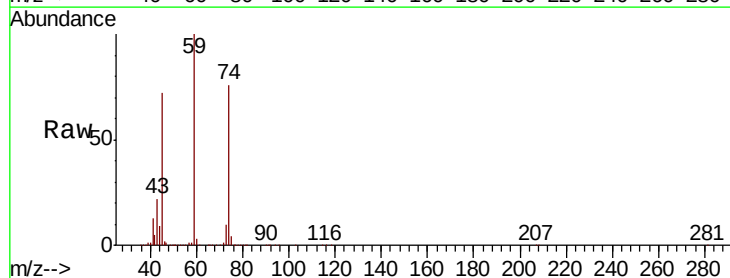
Tot Ion:101 Resp: 265966
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.6 74.4

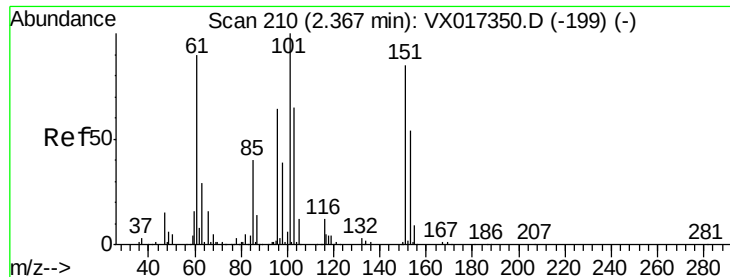


#8

Diethyl Ether
 Concen: 48.838 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion: 74 Resp: 88356
 Ion Ratio Lower Upper
 74 100
 45 93.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.763 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

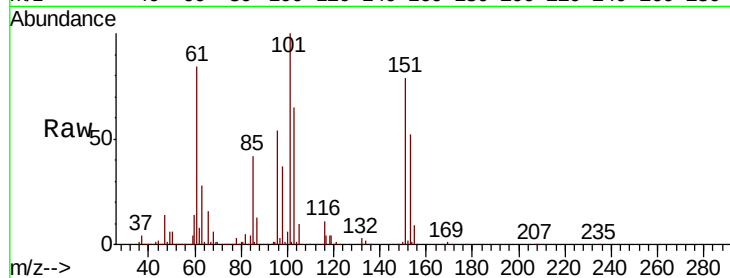
Tot Ion:101 Resp: 145087

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

151 80.7 66.4 99.6

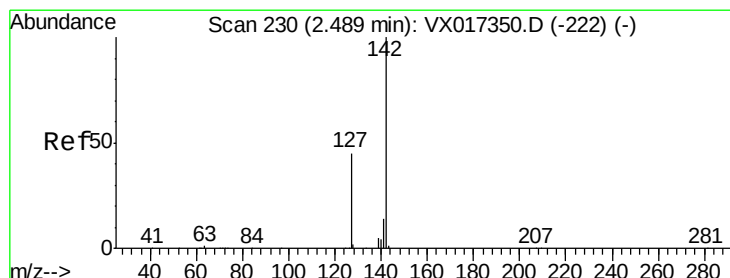
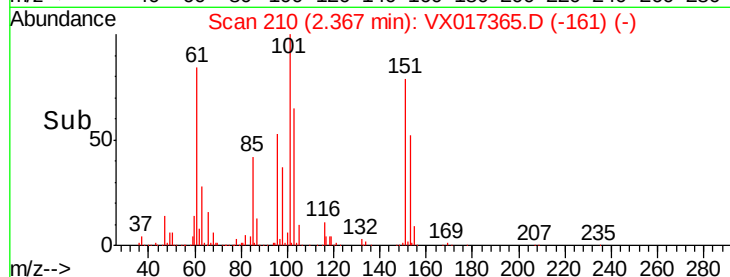
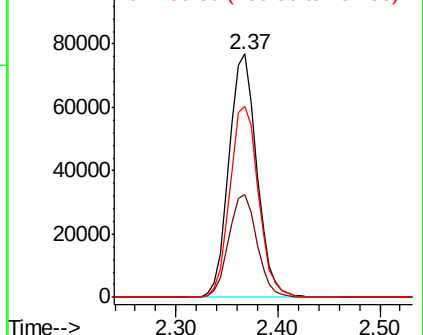


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.845 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

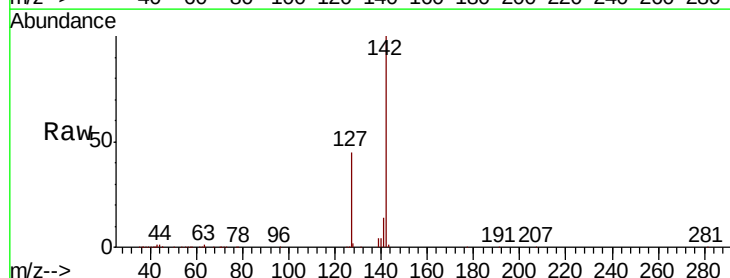
Tgt Ion:142 Resp: 184461

Ion Ratio Lower Upper

142 100

127 45.3 36.8 55.2

141 14.4 11.4 17.0

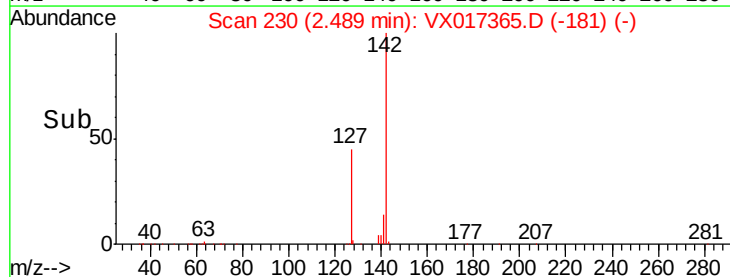
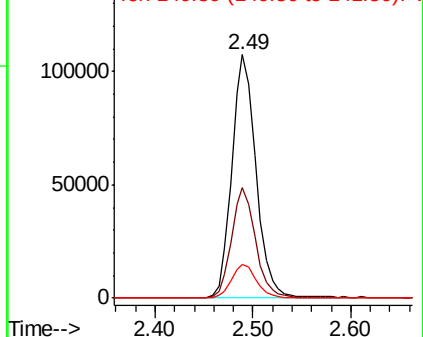


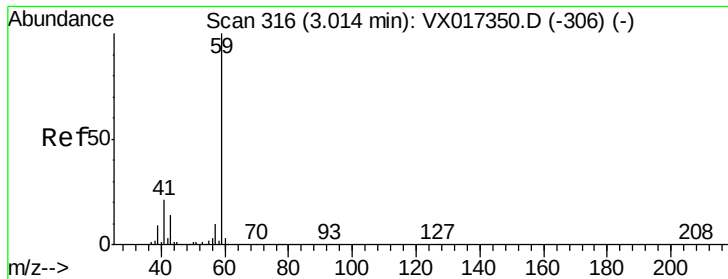
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



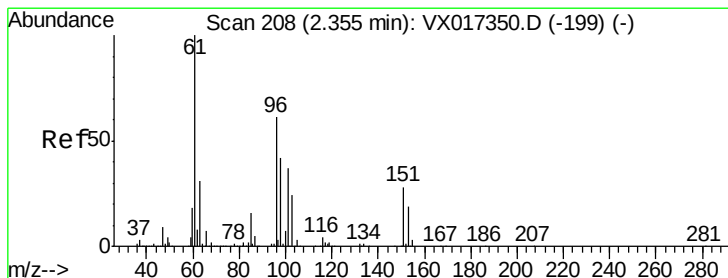
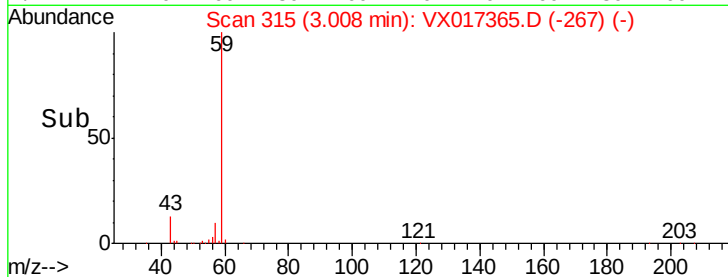
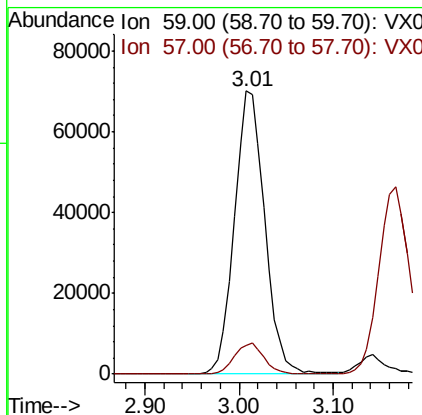
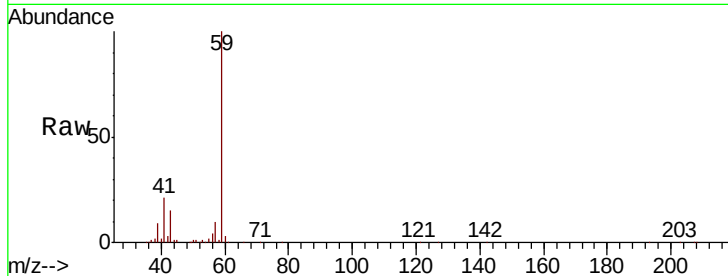


#11

Tert butyl alcohol
Concen: 231.004 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

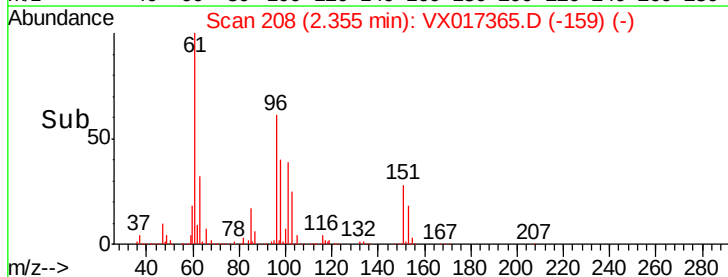
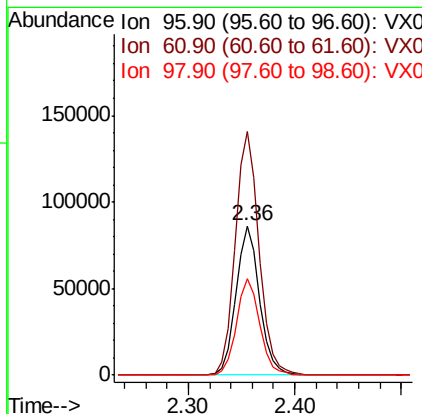
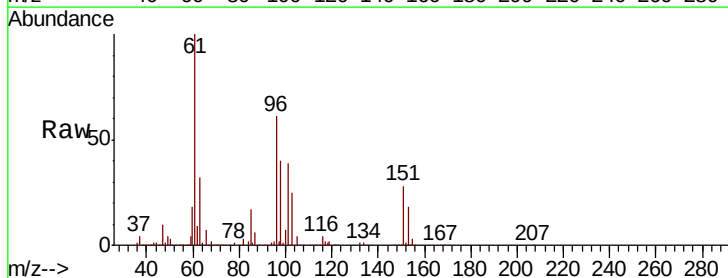
Tot Ion: 59 Resp: 157177
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

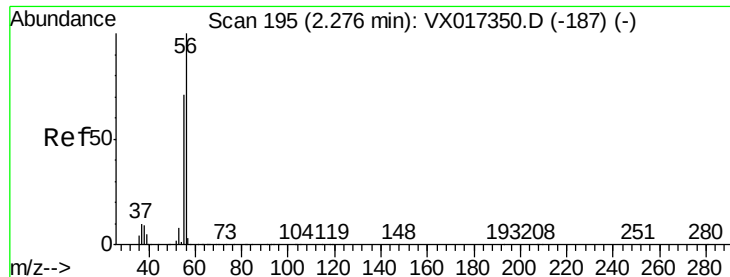


#12

1,1-Dichloroethene
Concen: 45.748 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 96 Resp: 133959
Ion Ratio Lower Upper
96 100
61 163.5 131.5 197.3
98 65.1 55.1 82.7





#13

Acrolein

Concen: 213.712 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

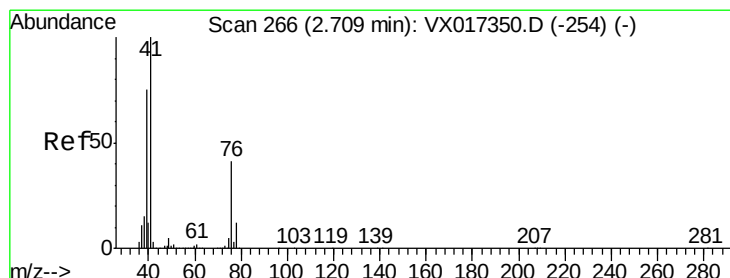
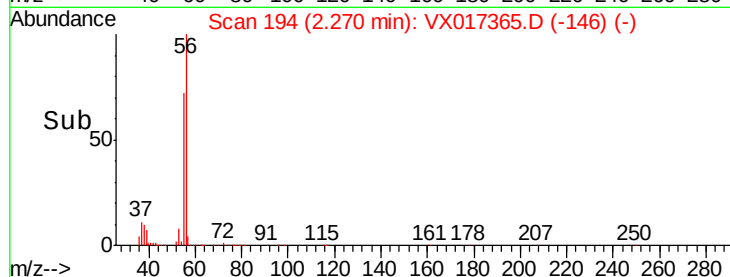
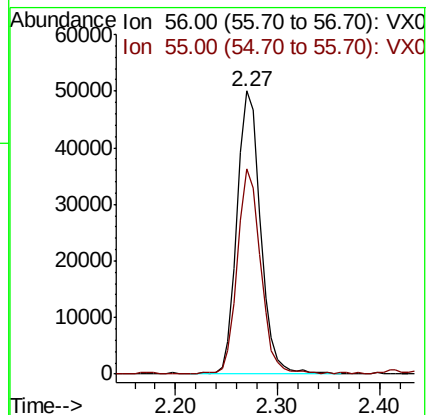
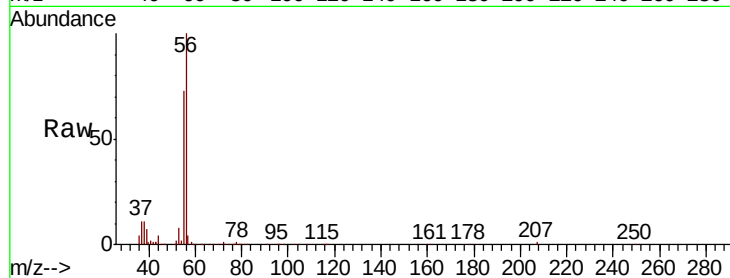
VSTDCCC050

Tot Ion: 56 Resp: 79711

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 49.760 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

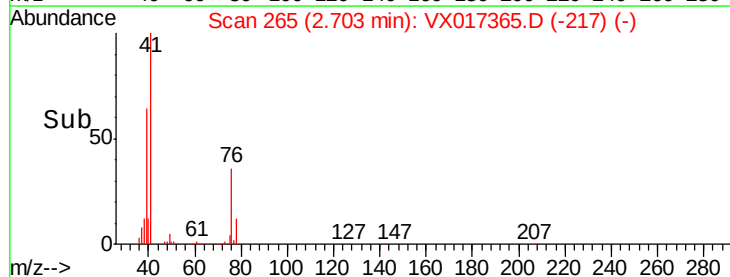
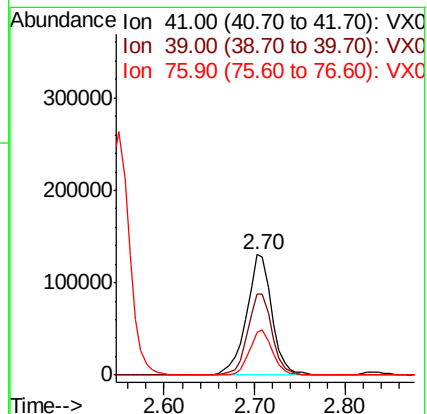
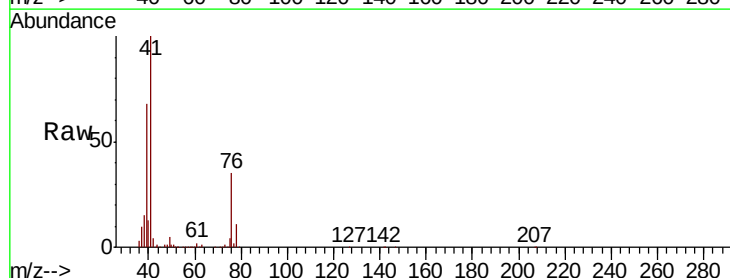
Tgt Ion: 41 Resp: 252473

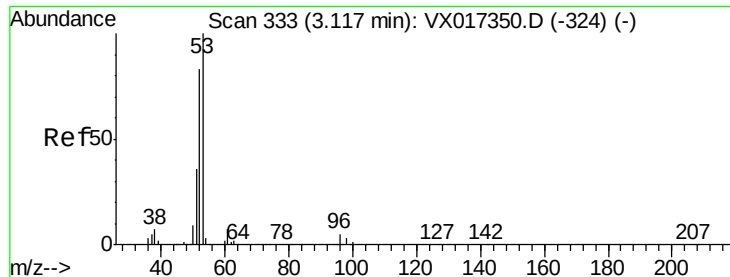
Ion Ratio Lower Upper

41 100

39 64.9 53.0 79.4

76 33.9 28.2 42.2





#15

Acrylonitrile

Concen: 242.123 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

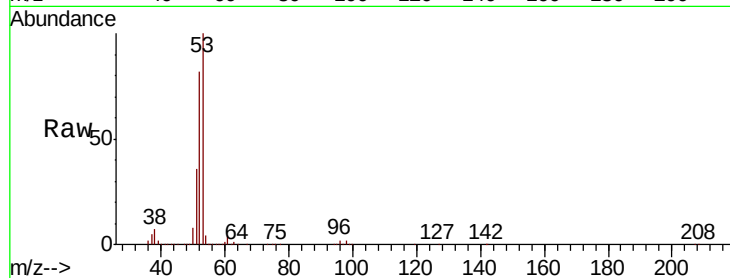
Tot Ion: 53 Resp: 399363

Ion Ratio Lower Upper

53 100

52 81.8 65.8 98.6

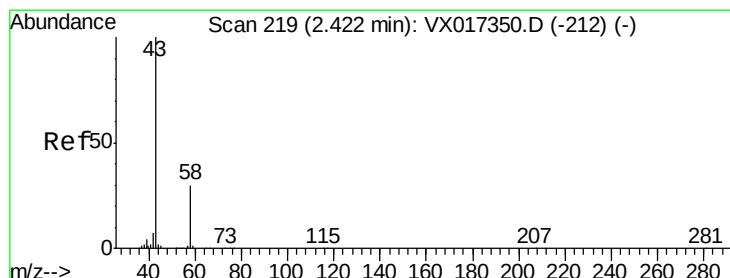
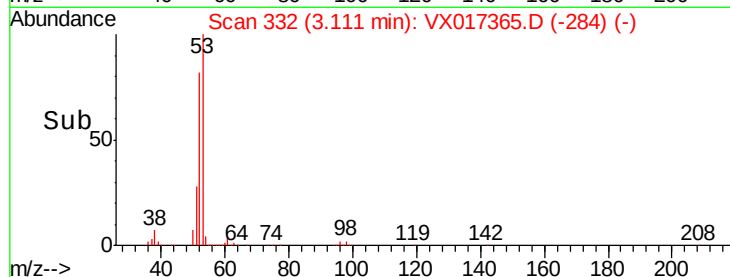
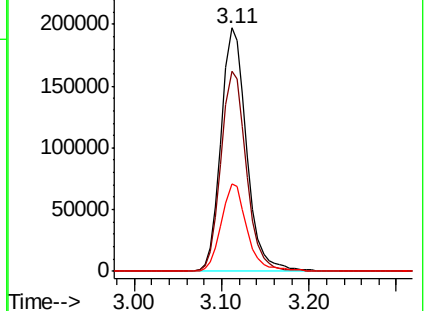
51 36.2 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 212.059 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017365.D

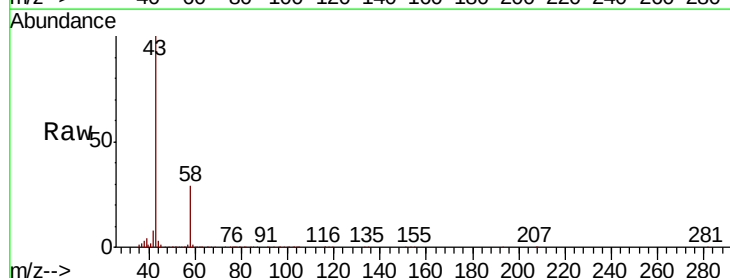
Acq: 14 Jul 2020 09:32

Tgt Ion: 43 Resp: 305525

Ion Ratio Lower Upper

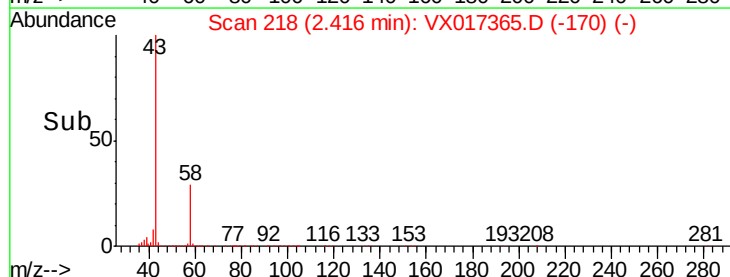
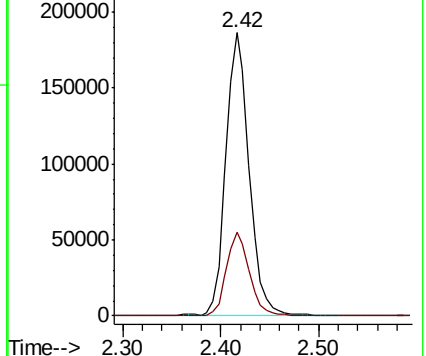
43 100

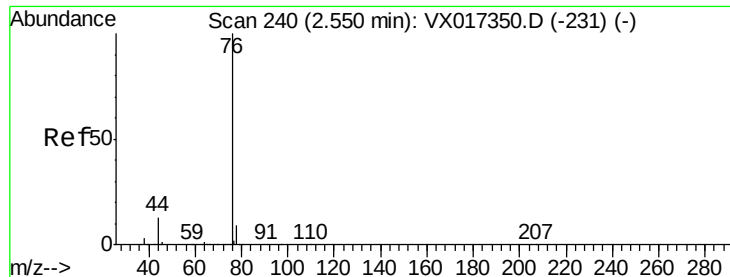
58 29.3 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.962 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

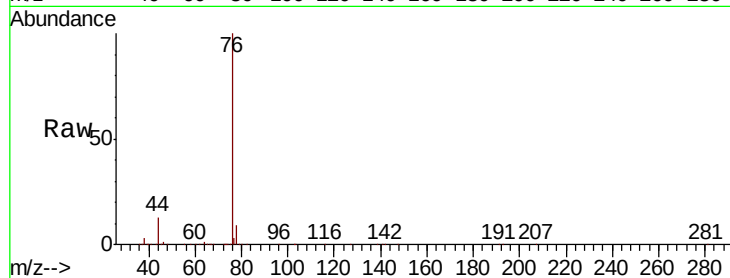
VSTDCCC050

Tot Ion: 76 Resp: 426780

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

250000

200000

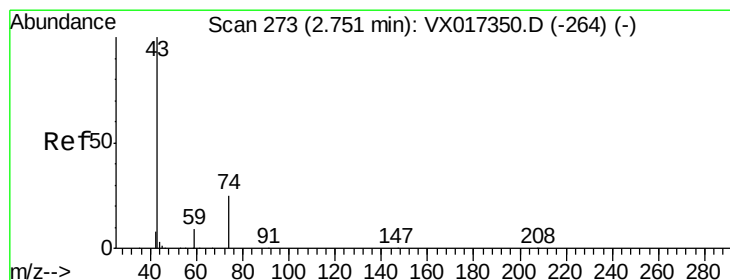
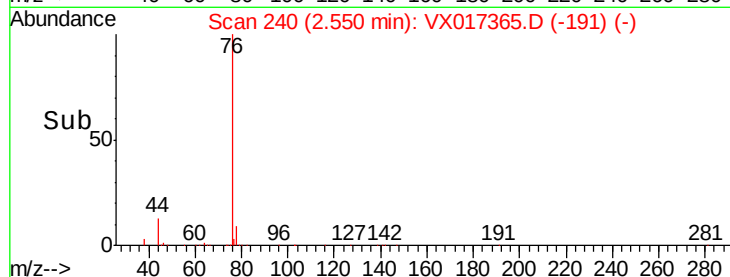
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.306 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017365.D

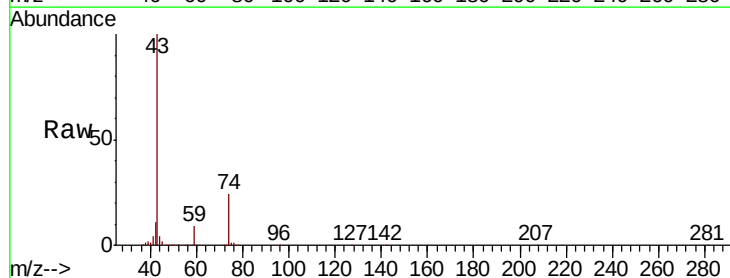
Acq: 14 Jul 2020 09:32

Tgt Ion: 43 Resp: 168340

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

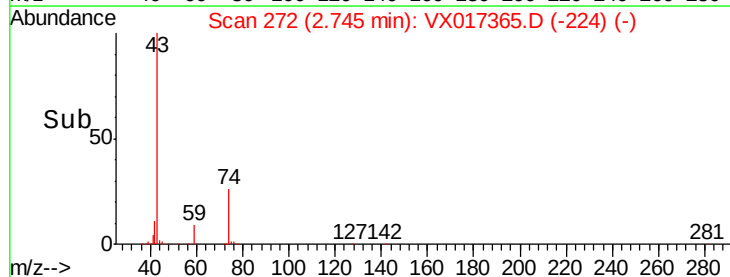
60000

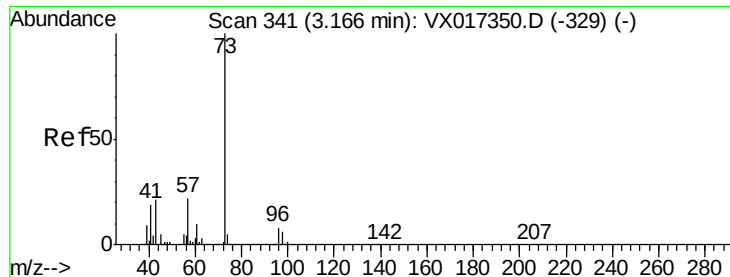
40000

20000

0

Time-->



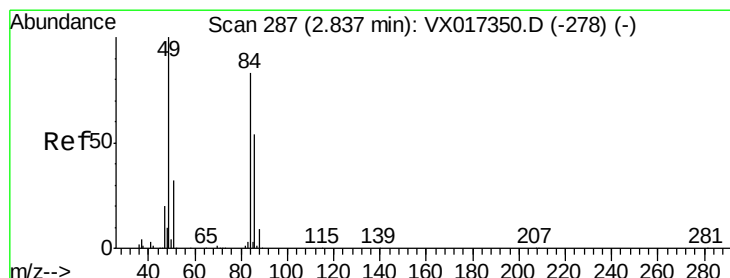
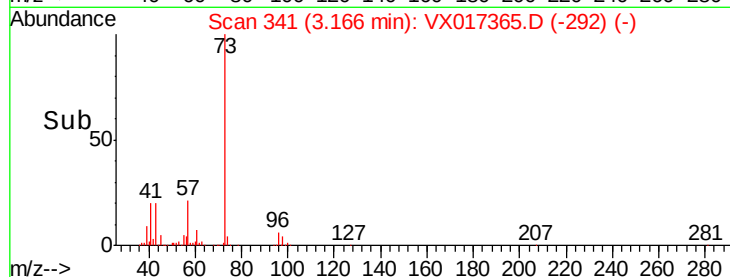
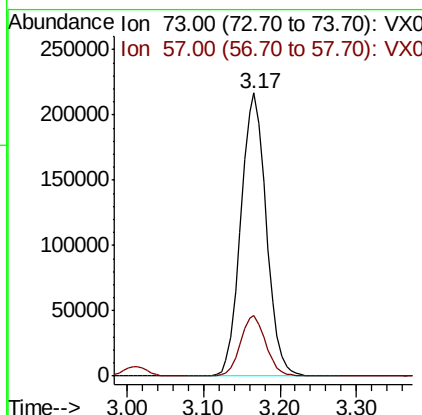
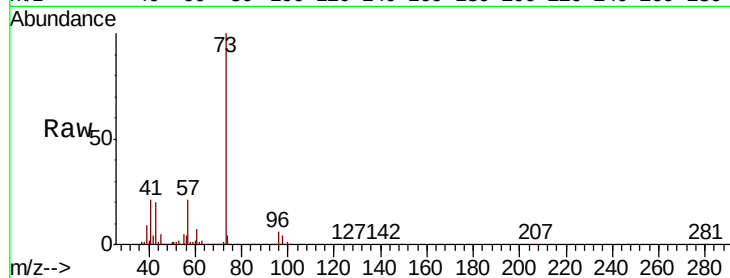


#19

Methyl tert-butyl Ether
 Concen: 50.274 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

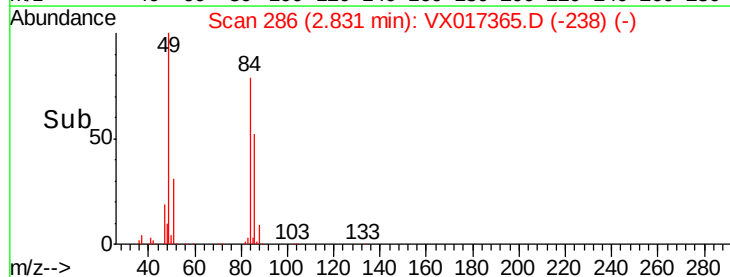
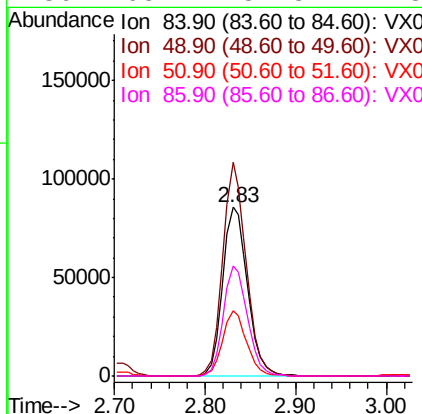
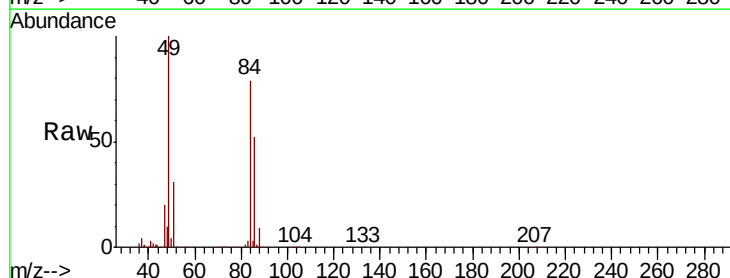
Tot Ion: 73 Resp: 499865
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.5 26.3

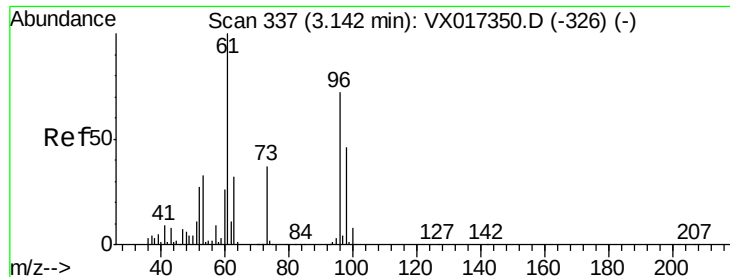


#20

Methylene Chloride
 Concen: 46.407 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion: 84 Resp: 163132
 Ion Ratio Lower Upper
 84 100
 49 126.5 95.8 143.8
 51 38.7 31.0 46.4
 86 65.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 48.771 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

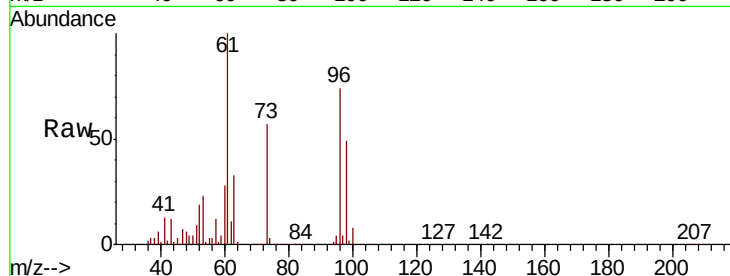
Tot Ion: 96 Resp: 163394

Ion Ratio Lower Upper

96 100

61 134.4 111.1 166.7

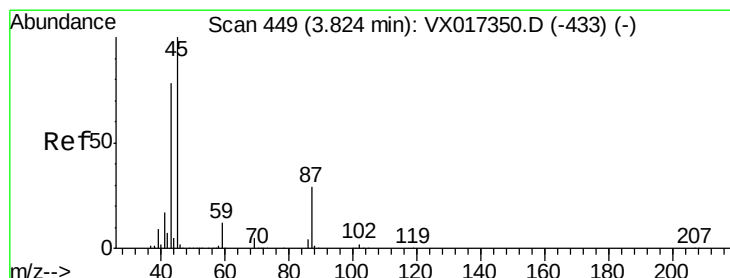
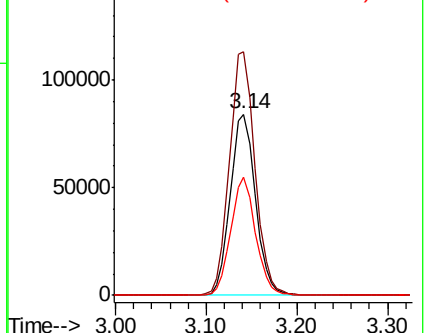
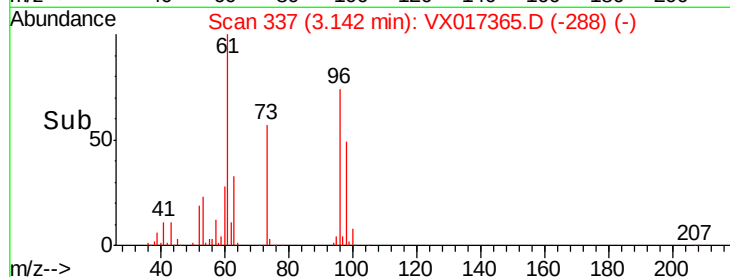
98 65.2 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.697 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Tgt Ion: 45 Resp: 489984

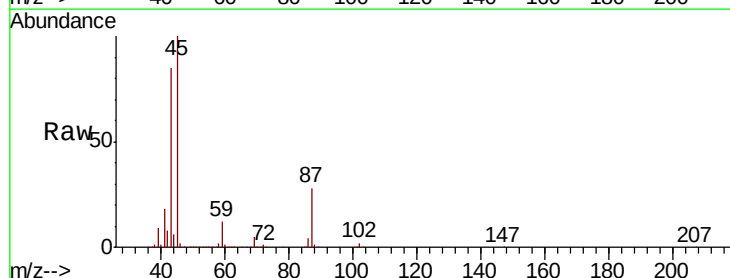
Ion Ratio Lower Upper

45 100

43 84.6 62.2 93.2

87 28.2 23.0 34.6

59 11.8 9.6 14.4

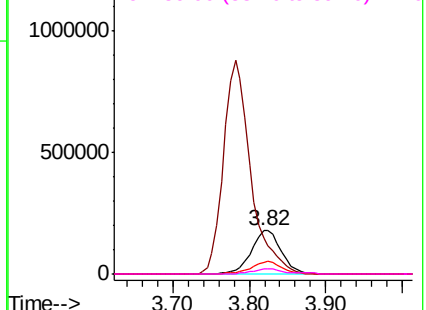
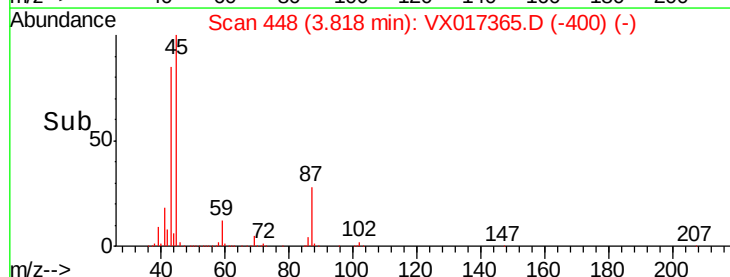


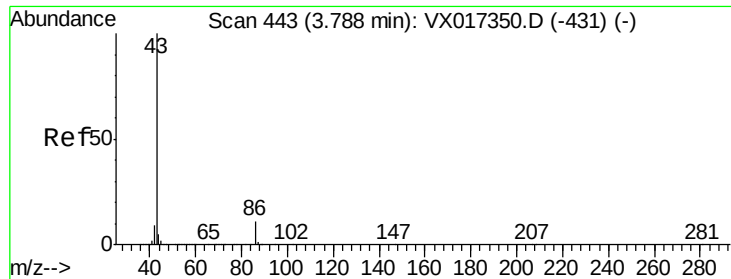
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

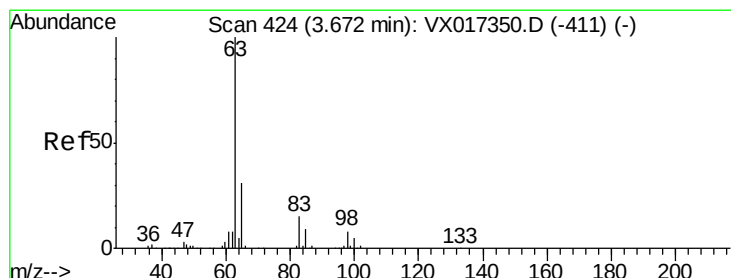
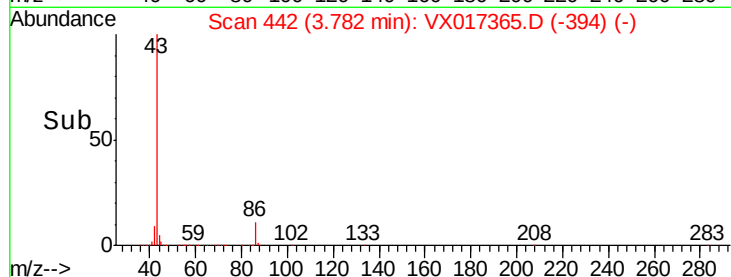
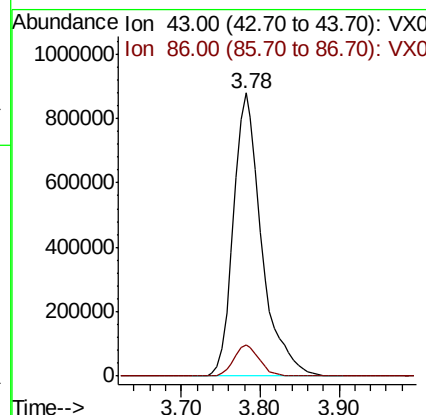
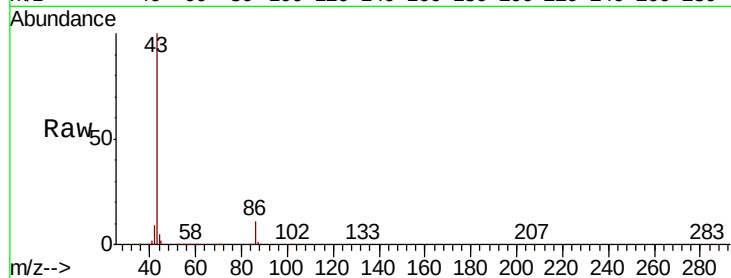




#23
 Vinyl Acetate
 Concen: 256.036 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

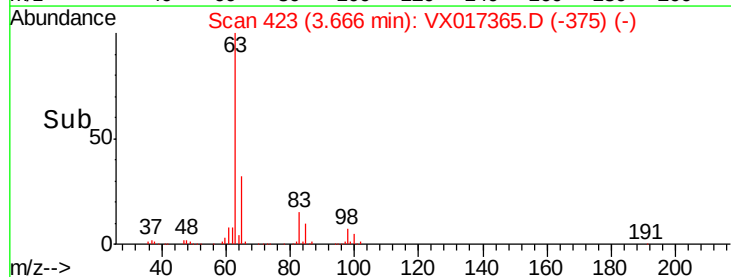
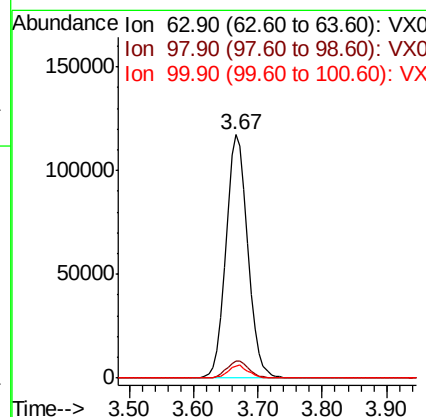
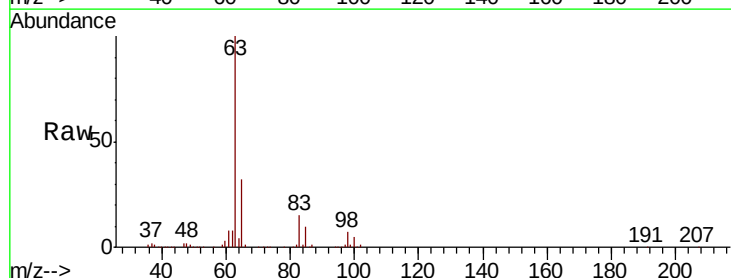
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

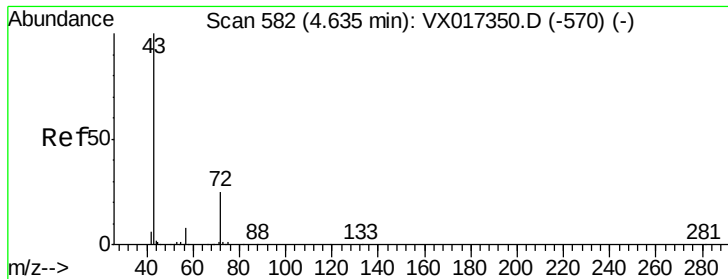
Tot Ion: 43 Resp: 2176302
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 49.401 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion: 63 Resp: 280599
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 228.153 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

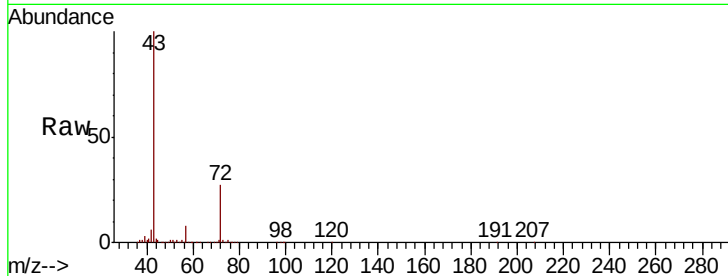
VSTDCCC050

Tot Ion: 43 Resp: 522093

Ion Ratio Lower Upper

43 100

72 26.7 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

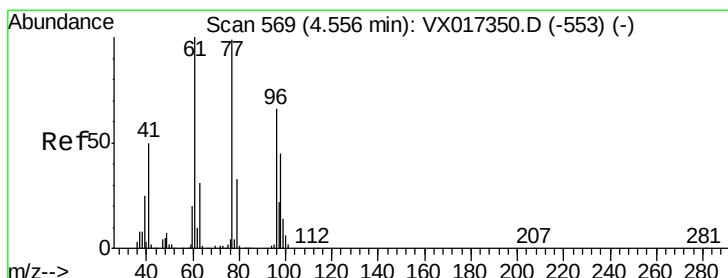
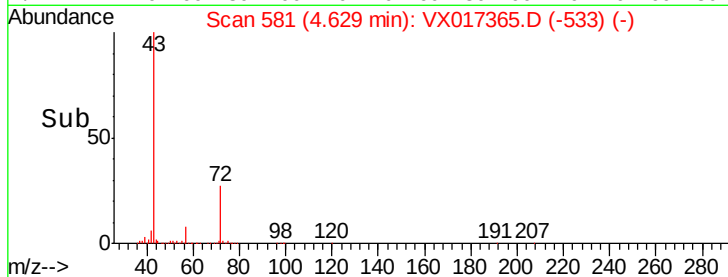
50000

0

4.63

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 49.596 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017365.D

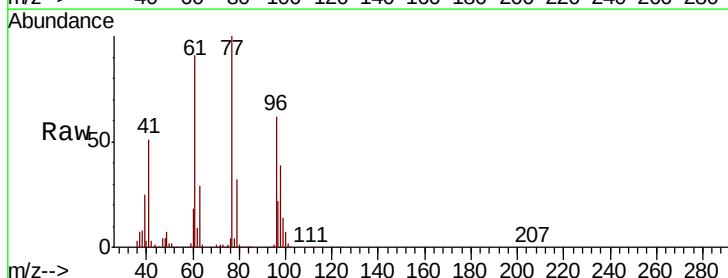
Acq: 14 Jul 2020 09:32

Tgt Ion: 77 Resp: 262177

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

40000

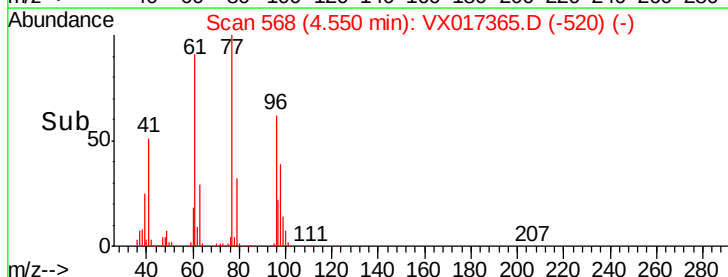
20000

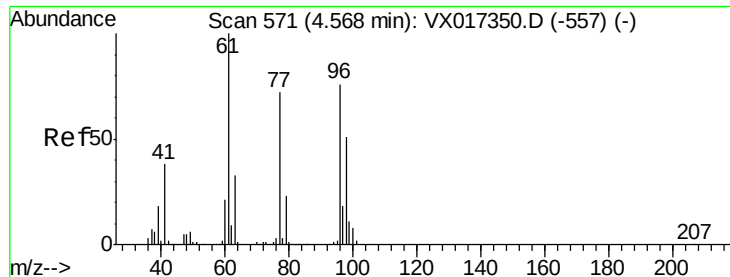
0

4.55

4.40 4.50 4.60 4.70

Time-->



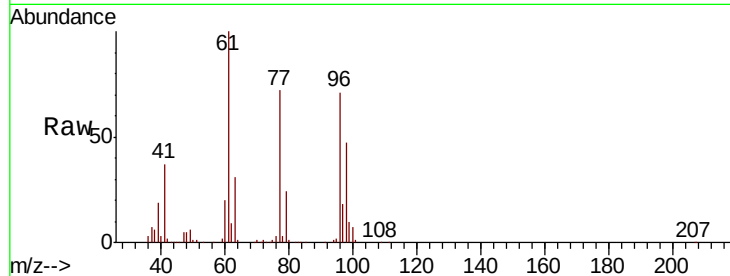


#27

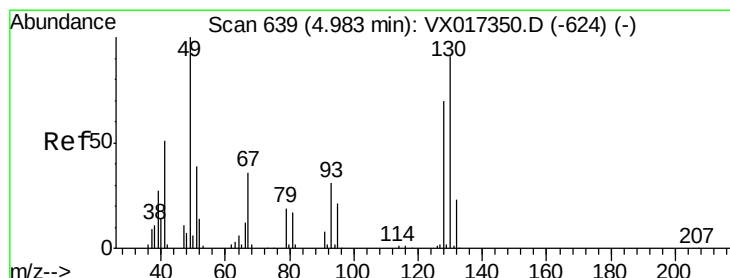
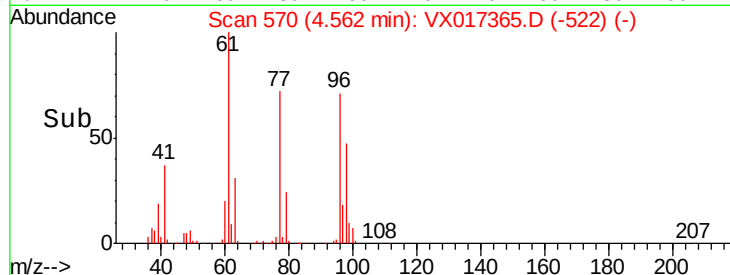
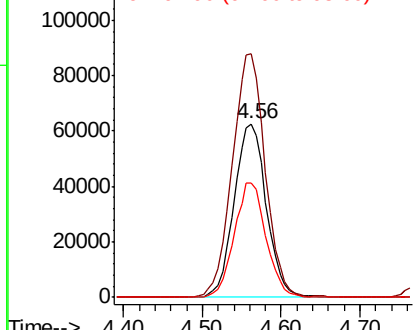
cis-1,2-Dichloroethene
 Concen: 48.307 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	281.2
98	65.3	0.0	131.4



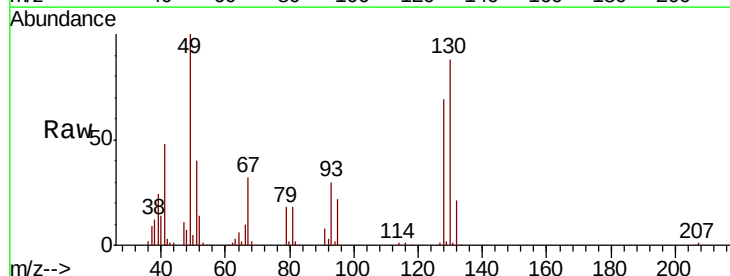
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



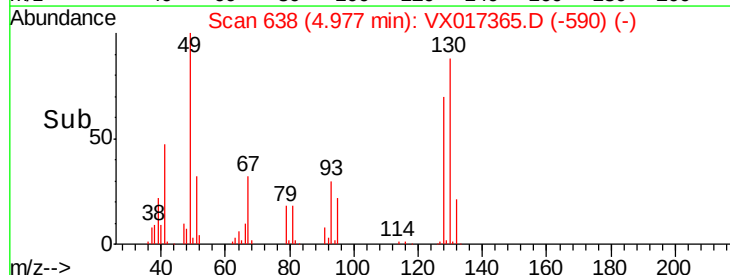
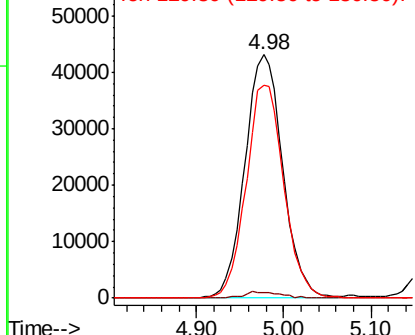
#28

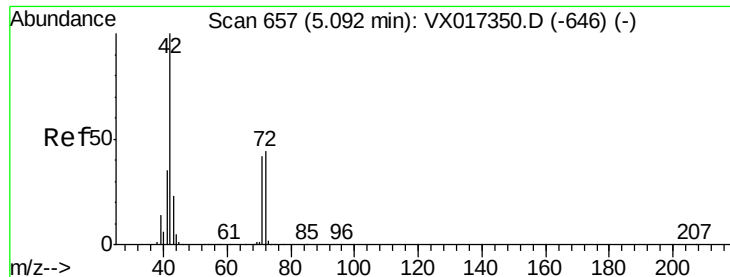
Bromochloromethane
 Concen: 49.477 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	87.2	71.1	106.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 237.531 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

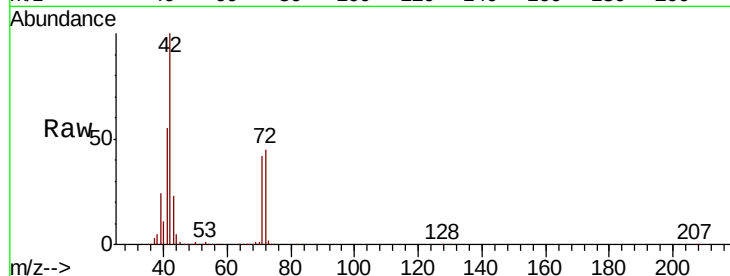
Tot Ion: 42 Resp: 351852

Ion Ratio Lower Upper

42 100

72 45.7 37.2 55.8

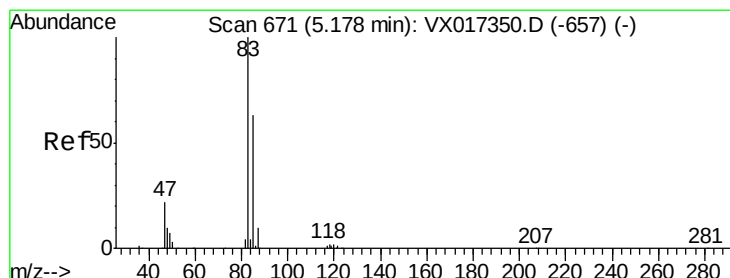
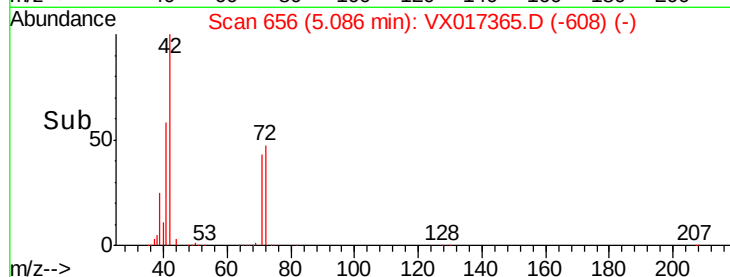
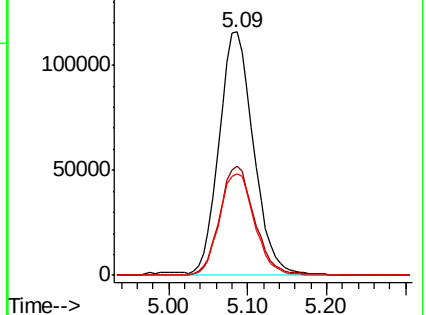
71 42.6 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.227 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017365.D

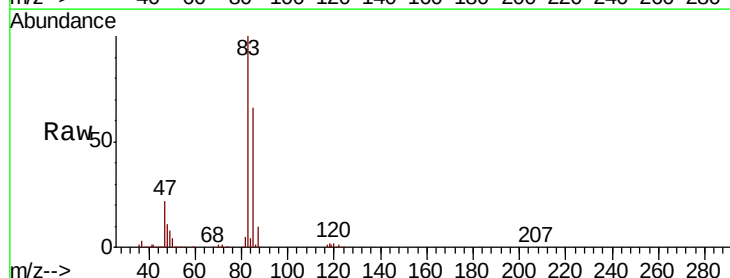
Acq: 14 Jul 2020 09:32

Tgt Ion: 83 Resp: 294724

Ion Ratio Lower Upper

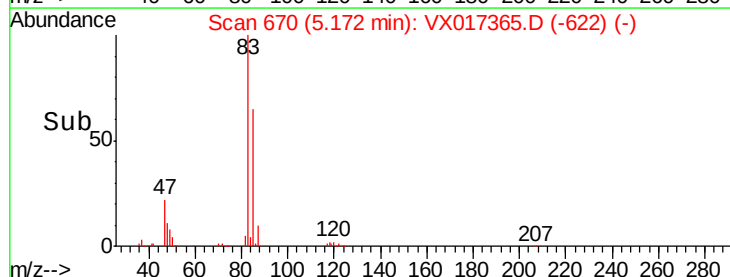
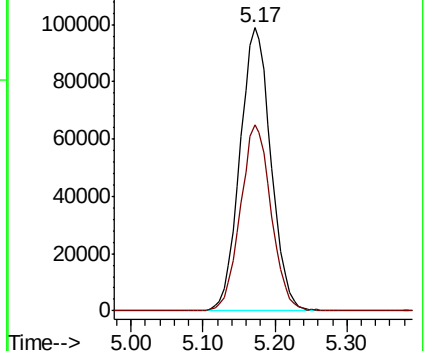
83 100

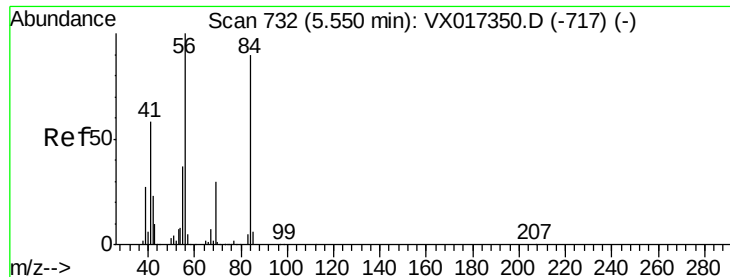
85 65.5 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

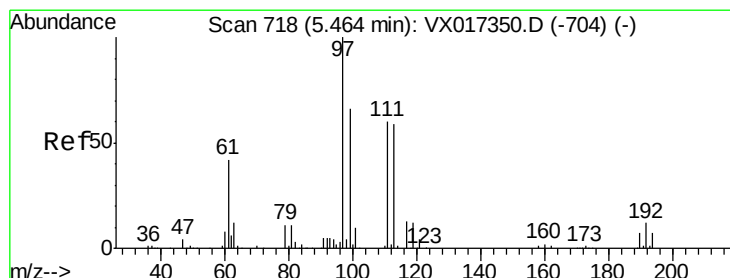
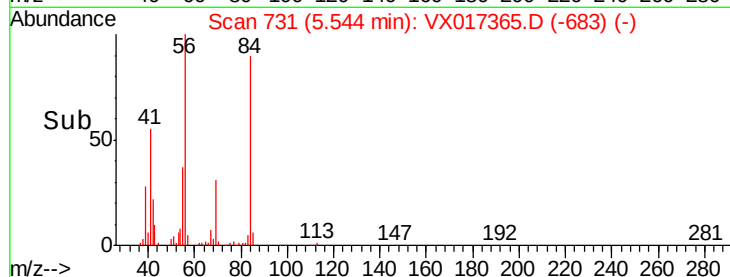
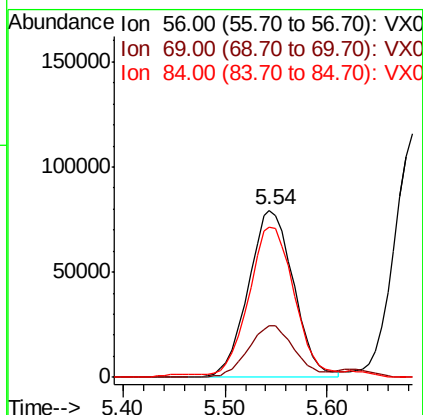
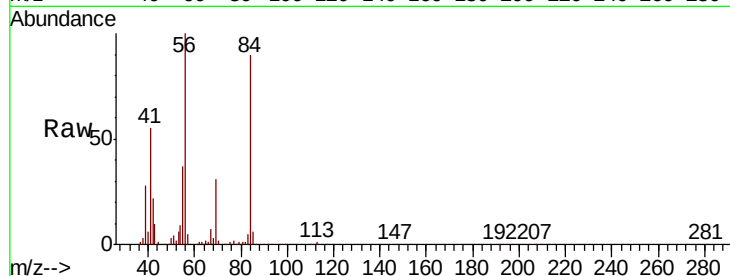




#31
Cyclohexane
Concen: 52.629 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

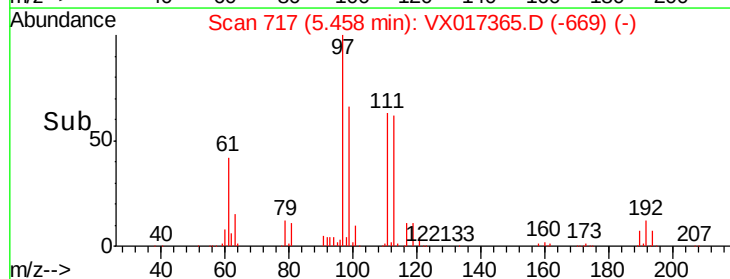
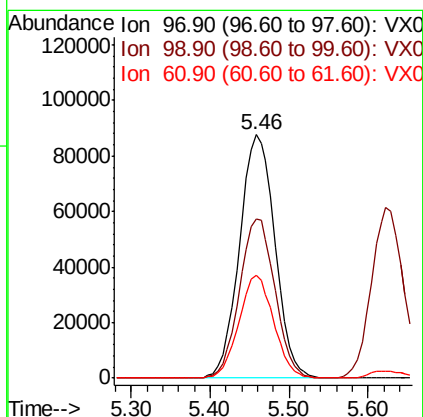
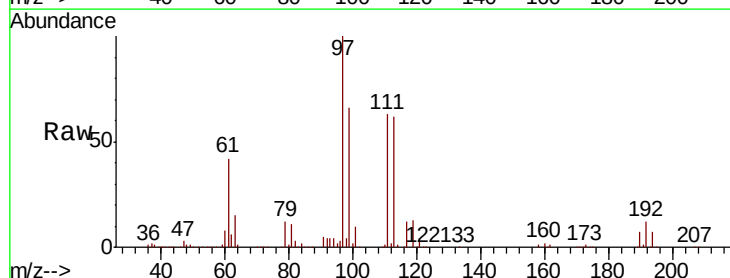
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

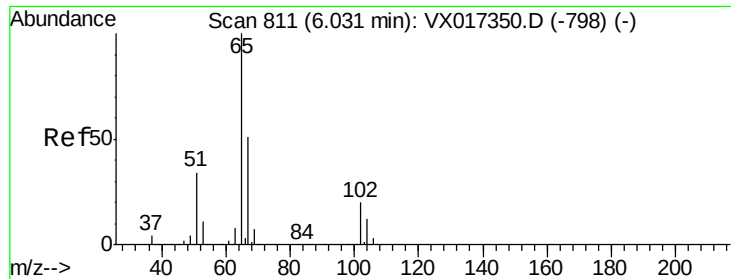
Tot Ion: 56 Resp: 244723
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 88.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.435 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 97 Resp: 273633
Ion Ratio Lower Upper
97 100
99 65.6 51.2 76.8
61 41.6 32.7 49.1

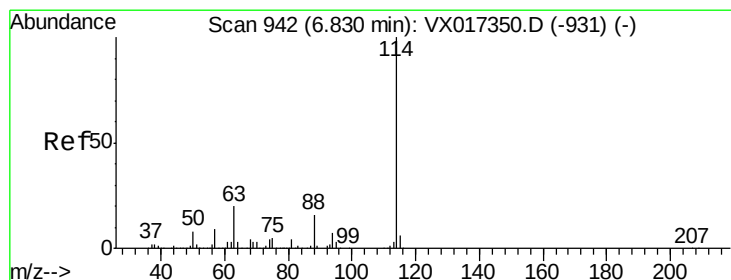
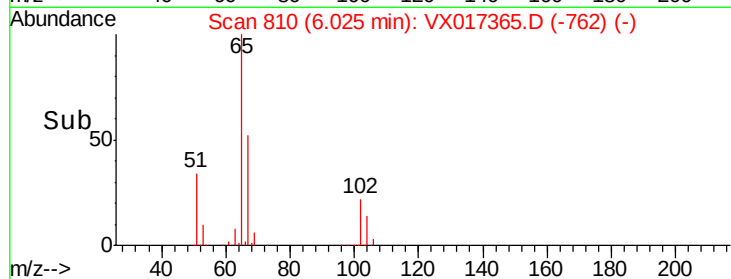
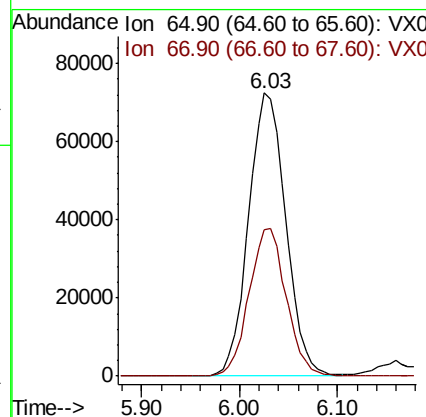
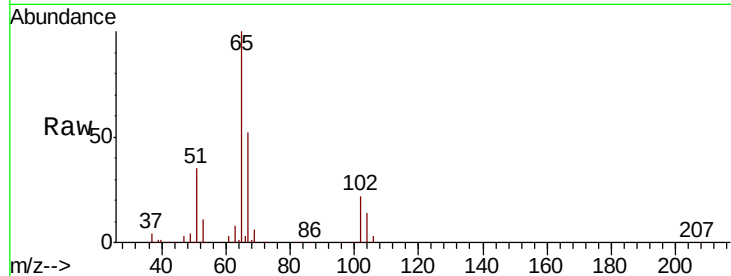




#33
 1,2-Dichloroethane-d4
 Concen: 47.428 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

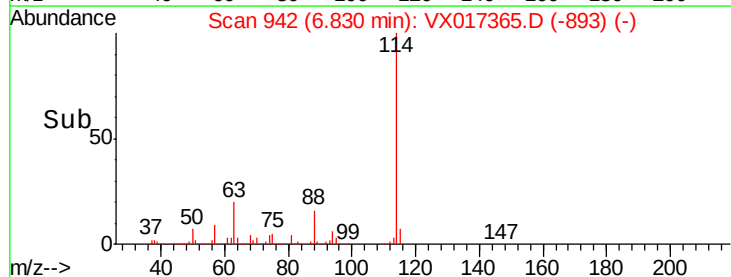
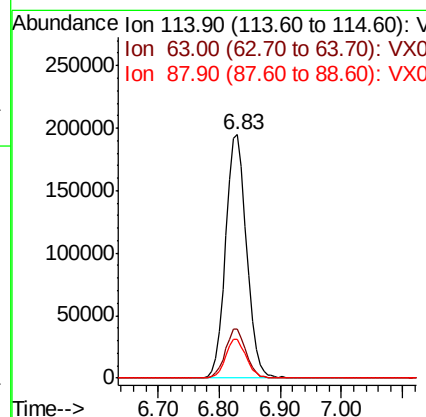
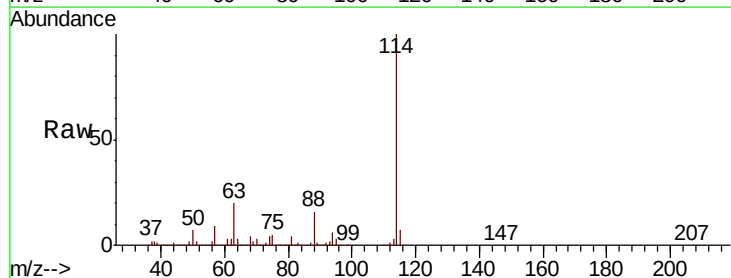
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

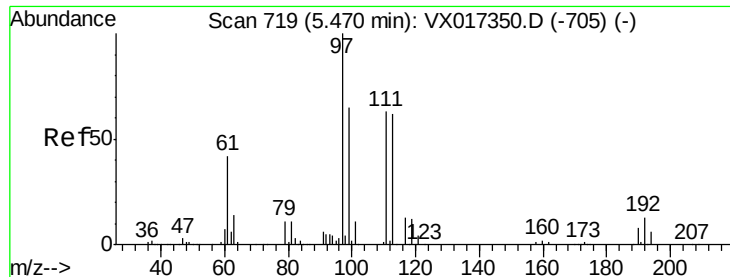
Tot Ion: 65 Resp: 191536
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion: 114 Resp: 461177
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 16.0 0.0 32.8

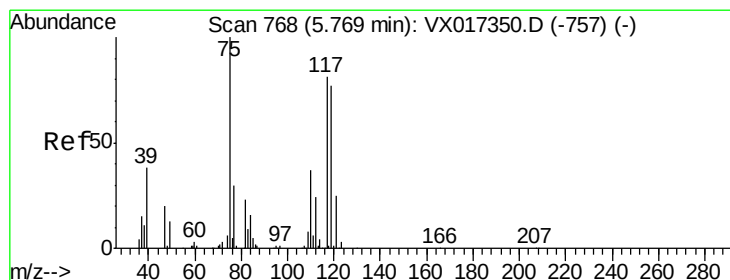
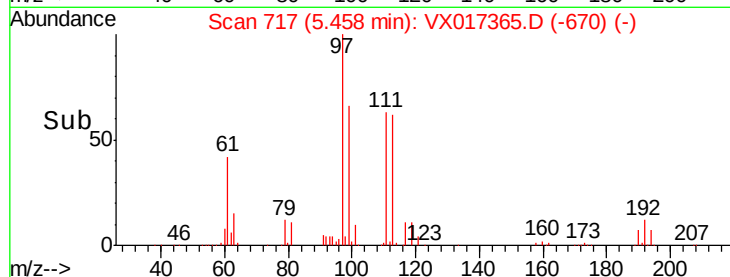
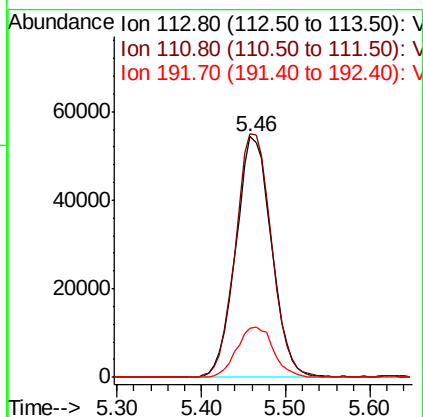
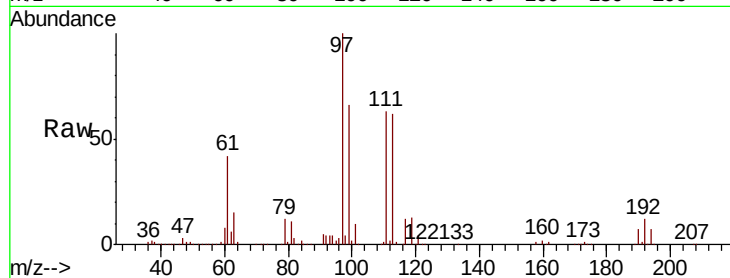




#35
Dibromofluoromethane
Concen: 50.217 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

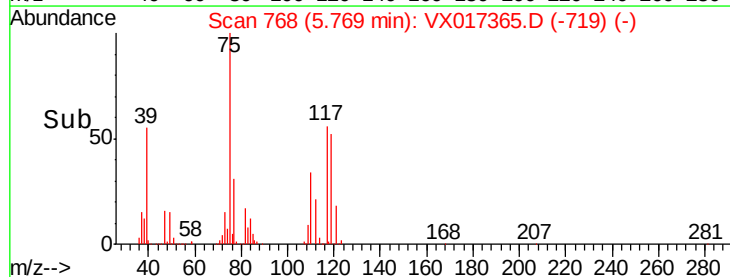
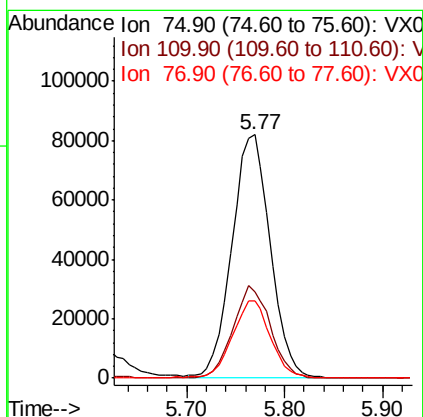
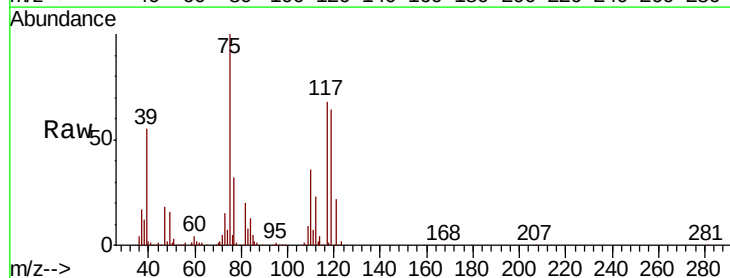
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

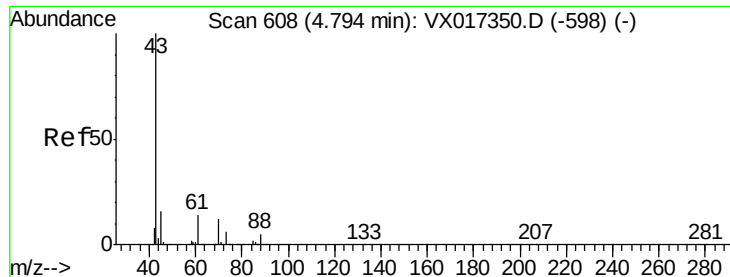
Tot Ion:113 Resp: 156002
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 21.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 52.505 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 75 Resp: 222727
Ion Ratio Lower Upper
75 100
110 36.9 18.6 55.8
77 32.1 24.9 37.3

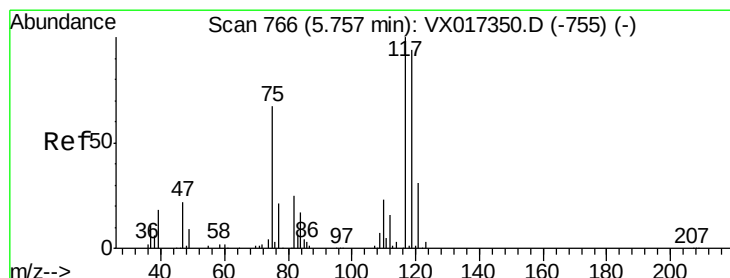
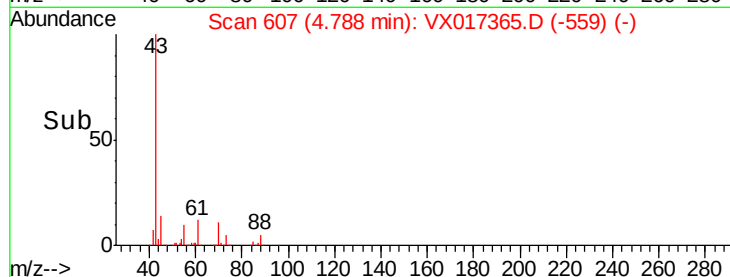
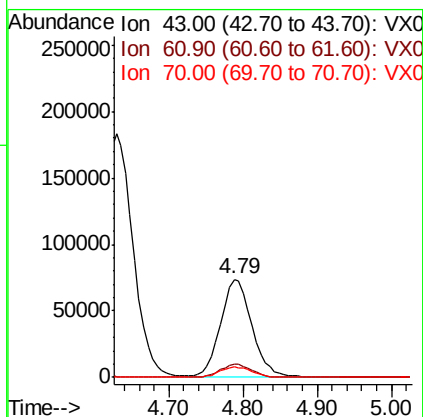
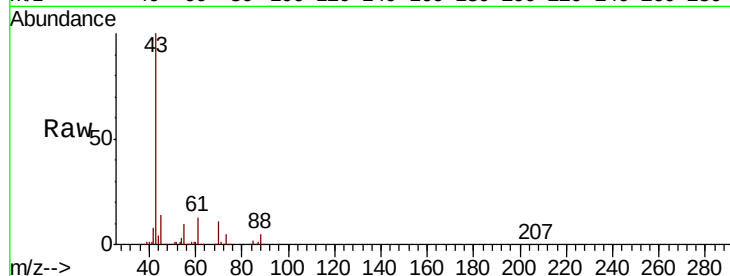




#37
Ethyl Acetate
Concen: 48.886 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

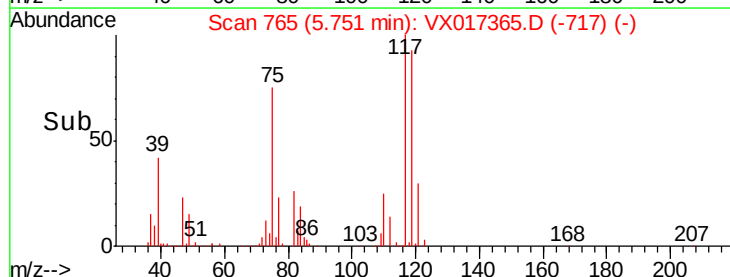
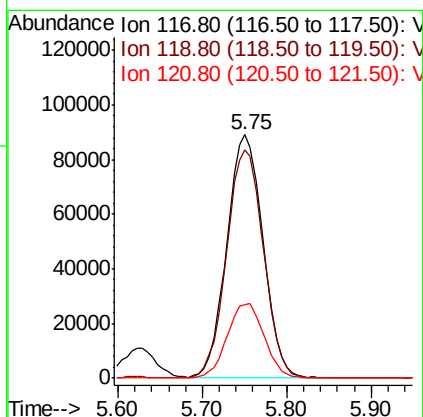
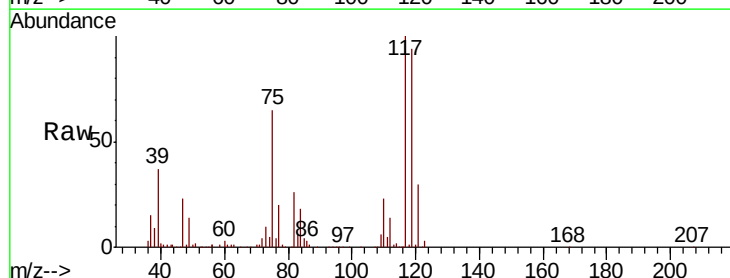
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

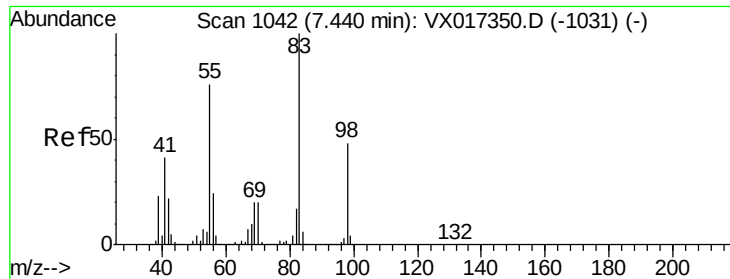
Tot Ion: 43 Resp: 214459
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 11.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 52.230 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 117 Resp: 259407
Ion Ratio Lower Upper
117 100
119 93.9 74.7 112.1
121 30.3 24.5 36.7

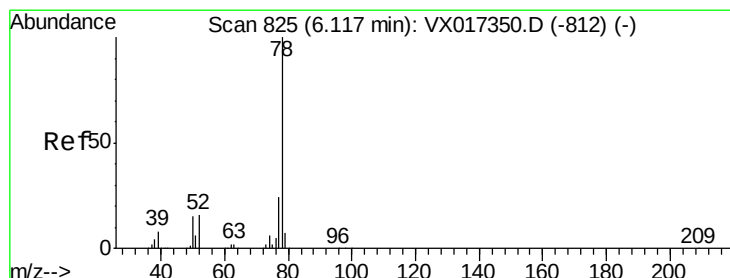
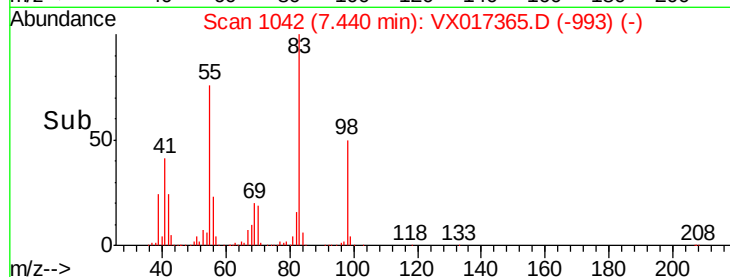
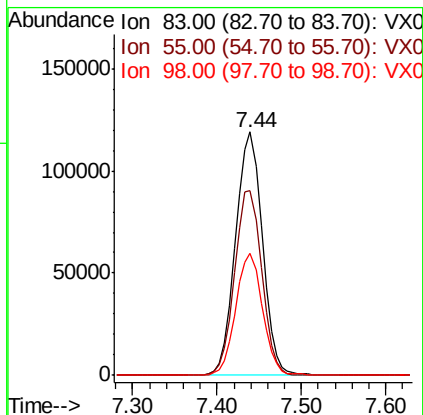
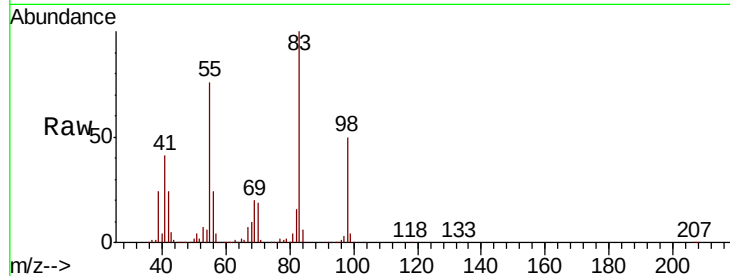




#39
Methylvlcyclohexane
Concen: 55.638 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

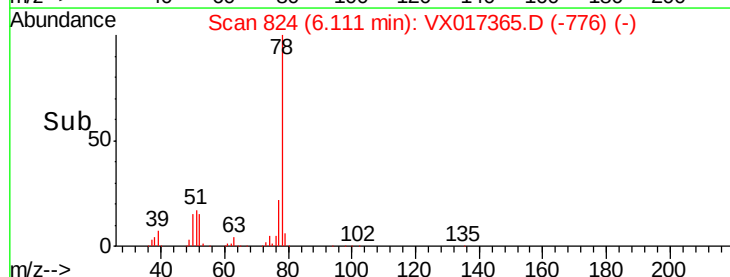
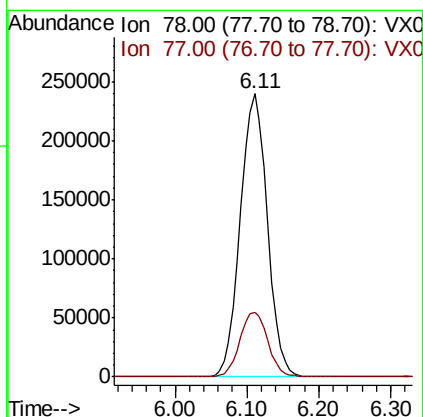
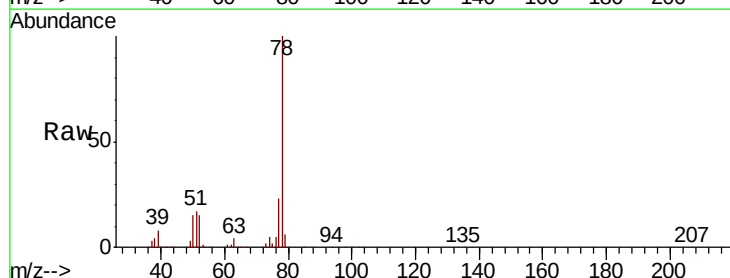
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

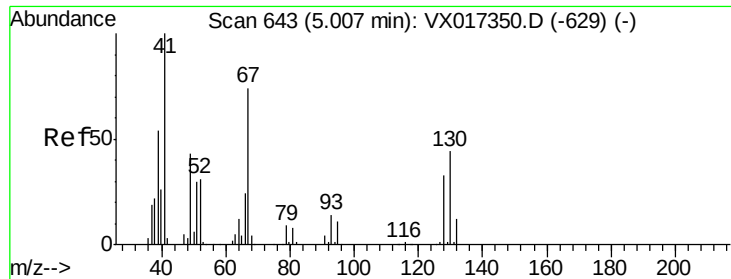
Tot Ion: 83 Resp: 256300
Ion Ratio Lower Upper
83 100
55 75.7 61.2 91.8
98 50.1 38.1 57.1



#40
Benzene
Concen: 51.335 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 78 Resp: 625819
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3

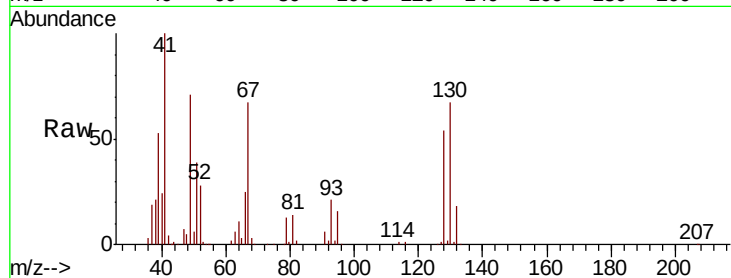




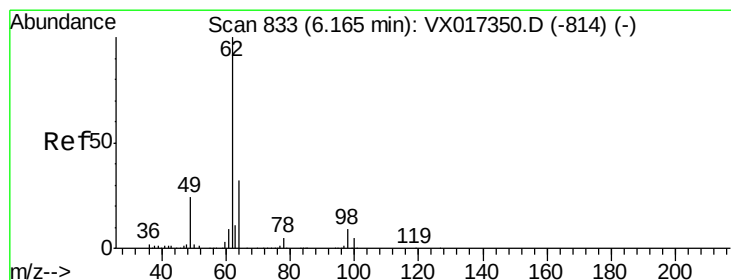
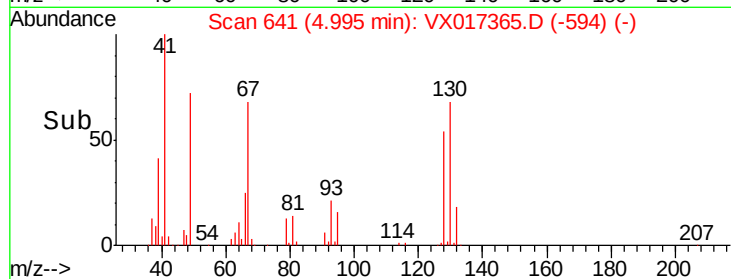
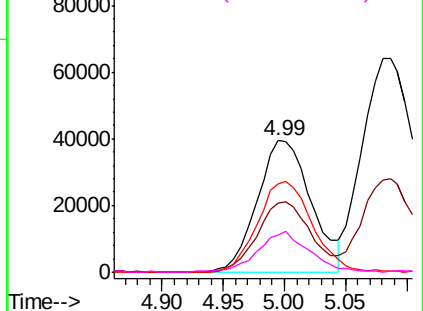
#41
Methacrylonitrile
Concen: 51.172 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	120515
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.8	65.8
67	71.0	58.7	88.1
52	29.9	24.9	37.3

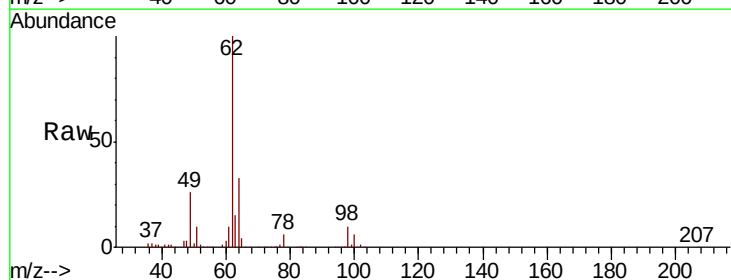


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

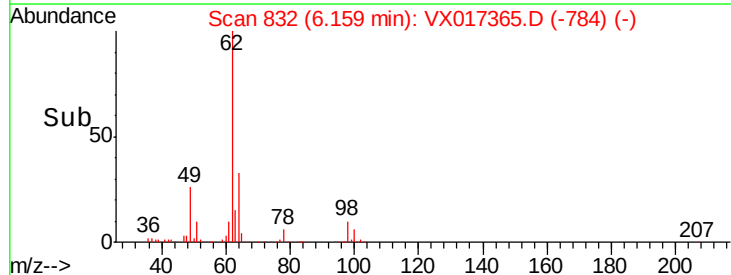
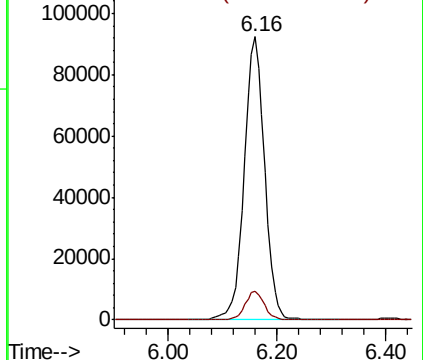


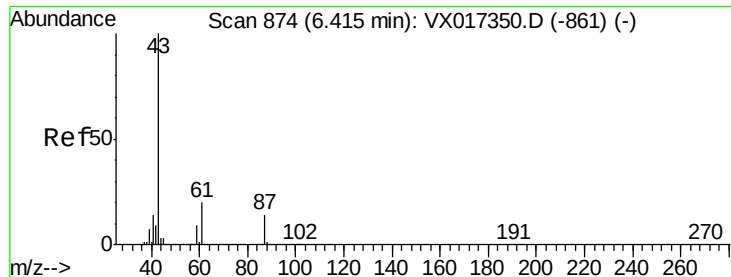
#42
1,2-Dichloroethane
Concen: 50.752 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion:	62	Resp:	240389
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.749 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

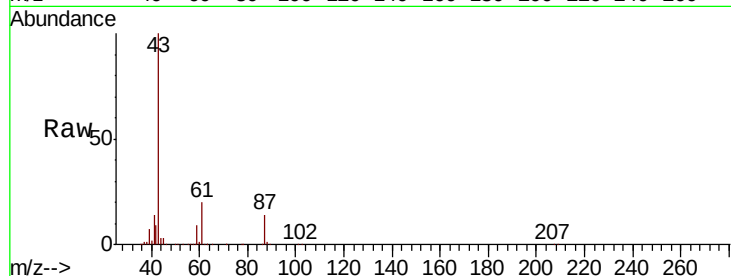
Tot Ion: 43 Resp: 348738

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

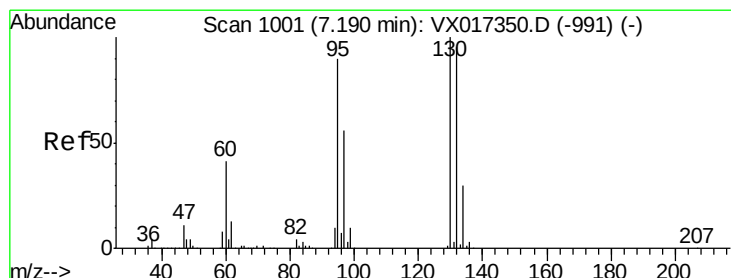
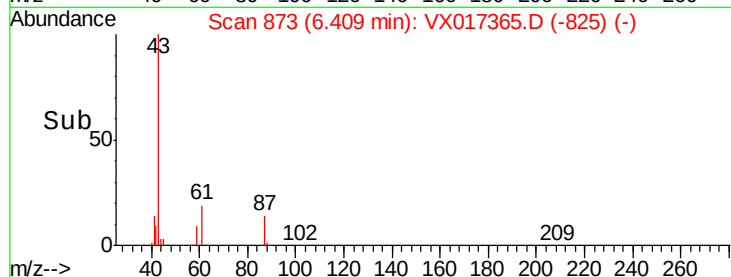
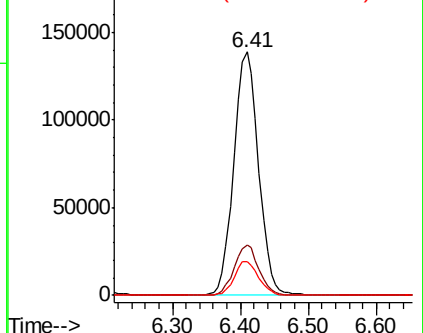
87 13.9 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.007 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017365.D

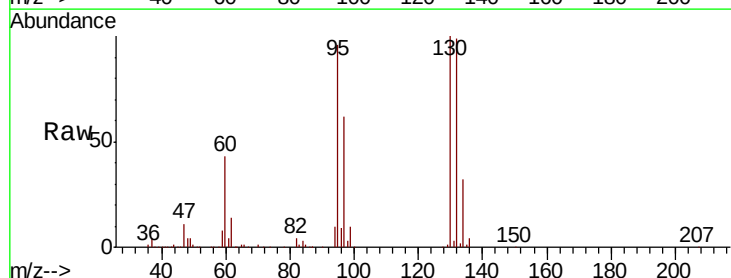
Acq: 14 Jul 2020 09:32

Tgt Ion:130 Resp: 189938

Ion Ratio Lower Upper

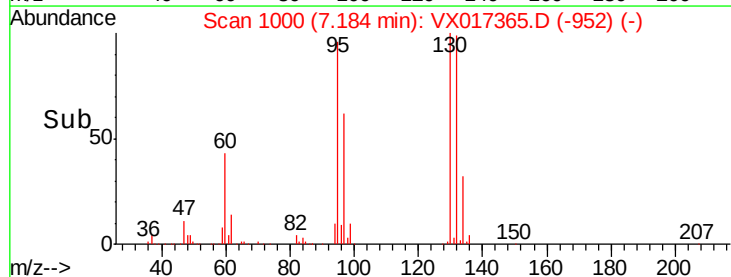
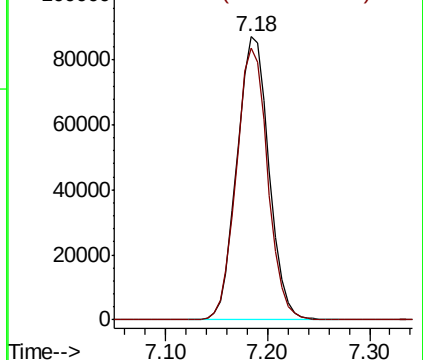
130 100

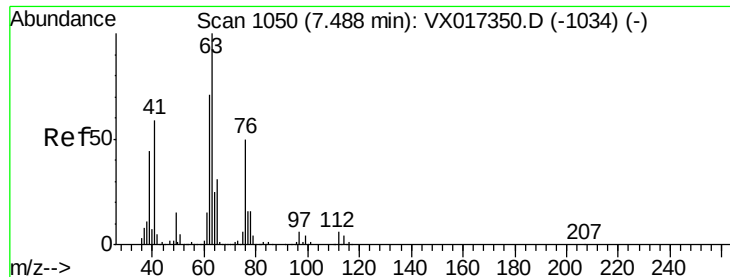
95 96.3 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.250 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

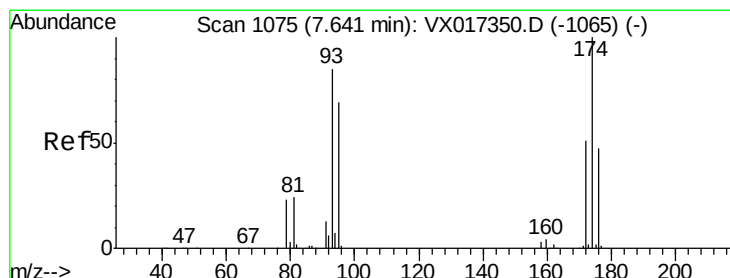
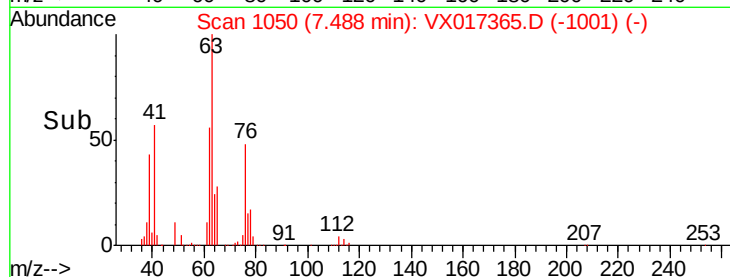
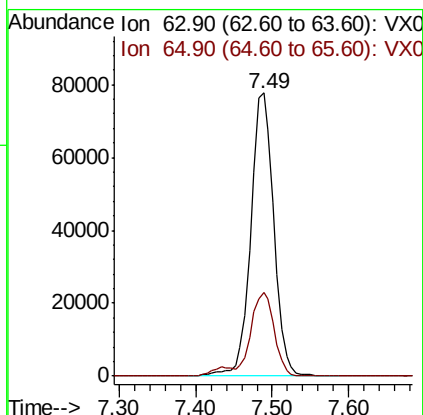
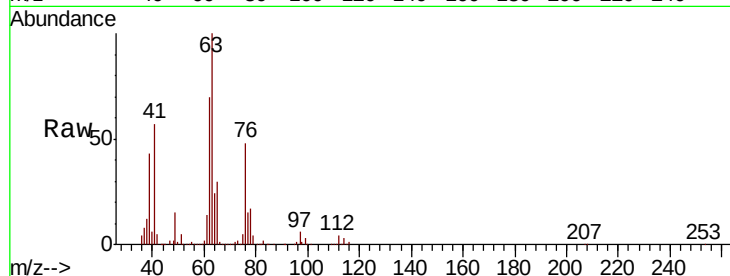
VSTDCCC050

Tot Ion: 63 Resp: 162986

Ion Ratio Lower Upper

63 100

65 29.7 24.5 36.7



#46

Dibromomethane

Concen: 51.065 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

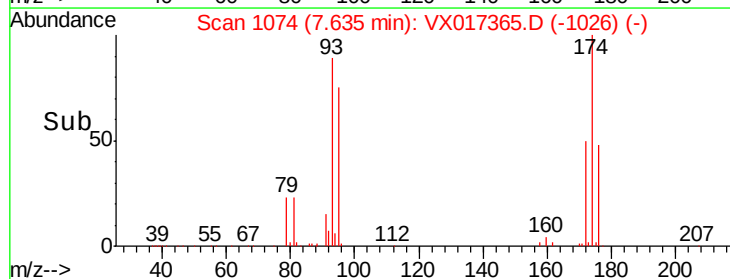
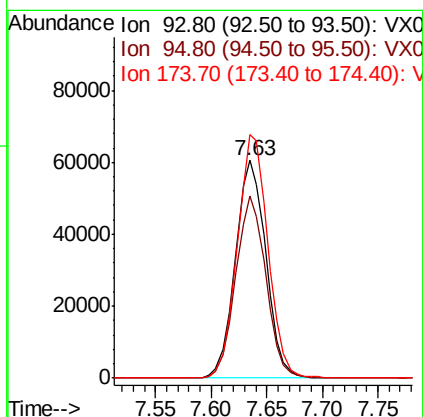
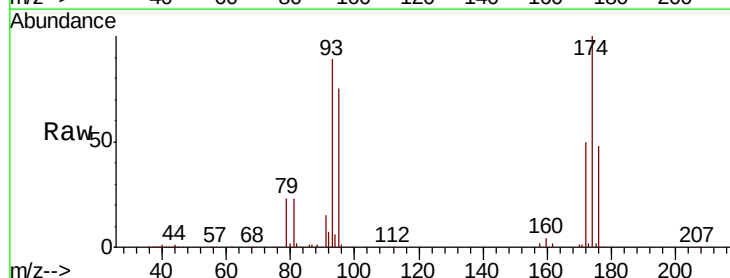
Tgt Ion: 93 Resp: 114881

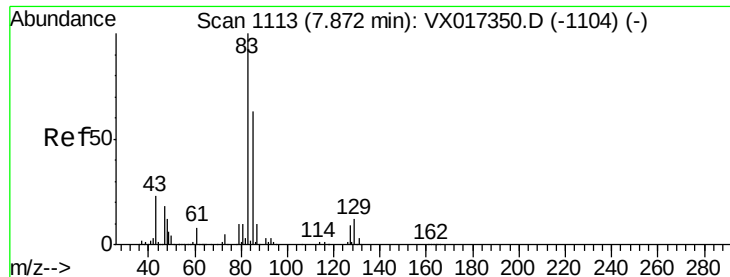
Ion Ratio Lower Upper

93 100

95 82.8 65.4 98.2

174 112.6 91.2 136.8





#47

Bromodichloromethane

Concen: 51.157 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

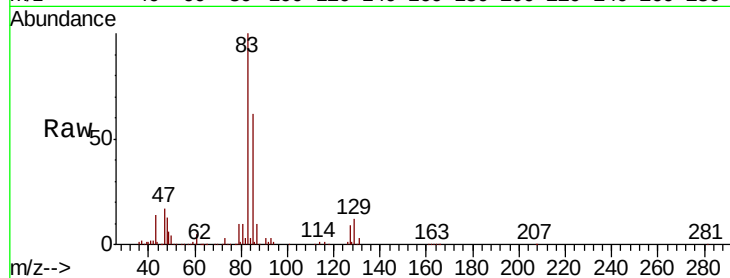
Tot Ion: 83 Resp: 240613

Ion Ratio Lower Upper

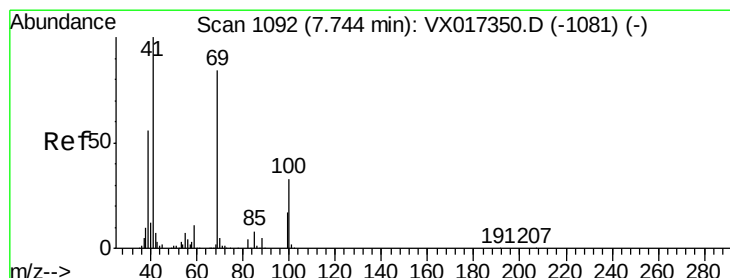
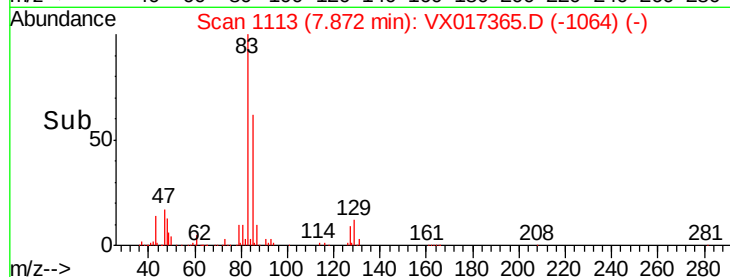
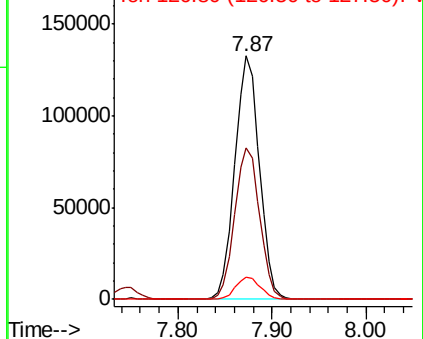
83 100

85 62.2 50.2 75.4

127 9.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.619 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

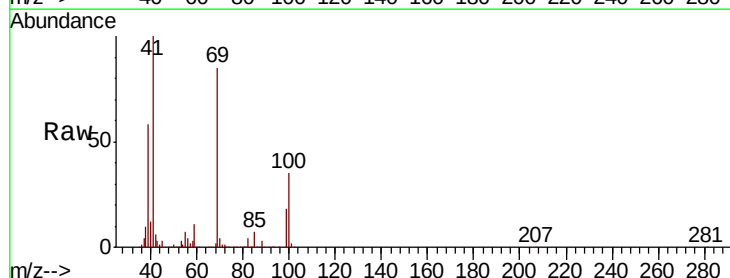
Tgt Ion: 41 Resp: 173641

Ion Ratio Lower Upper

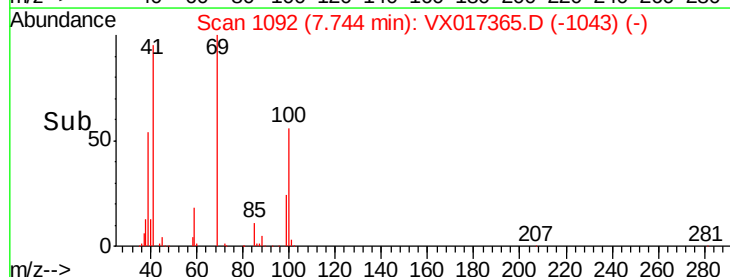
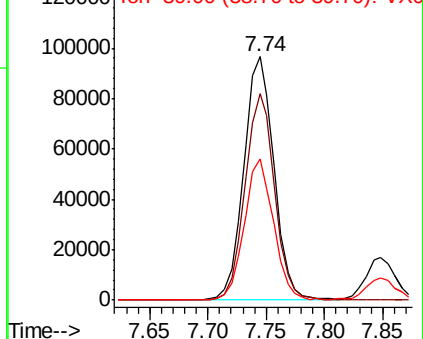
41 100

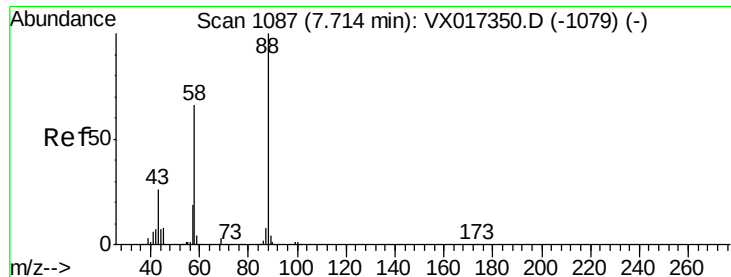
69 83.8 67.8 101.6

39 56.6 45.1 67.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

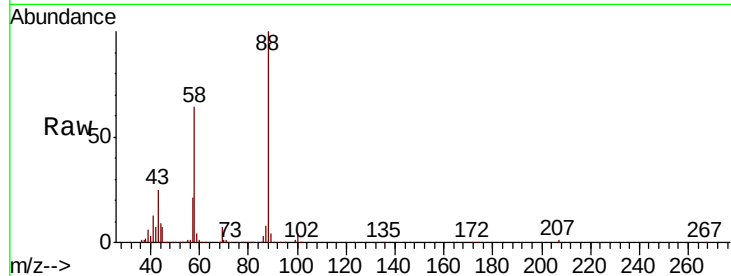




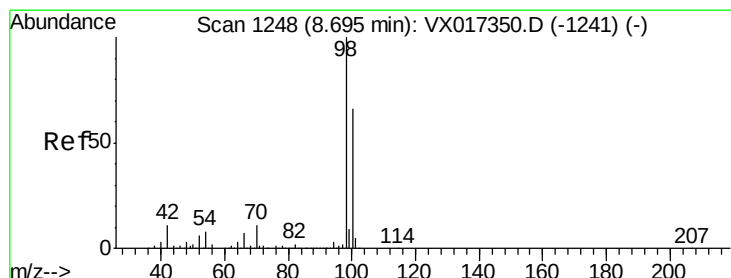
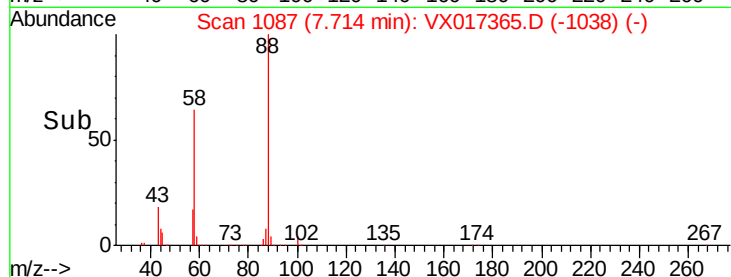
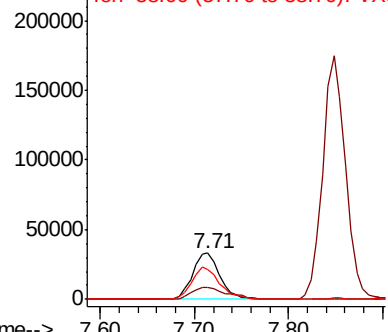
#49
1,4-Dioxane
Concen: 976.480 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 67220
Ion Ratio Lower Upper
88 100
43 34.3 25.6 38.4
58 70.7 53.9 80.9

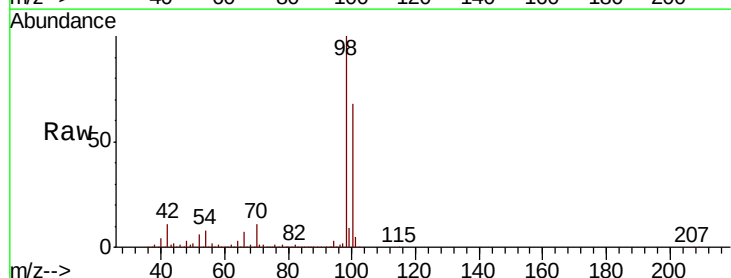


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

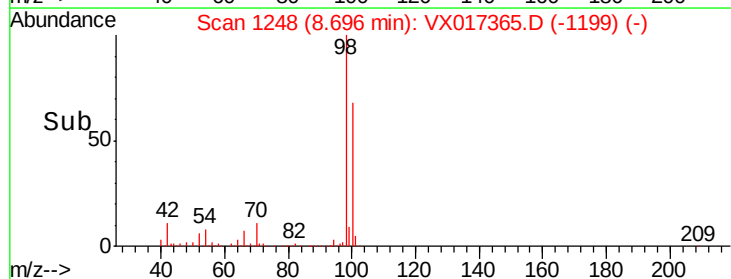
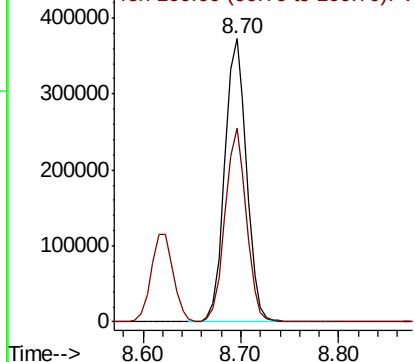


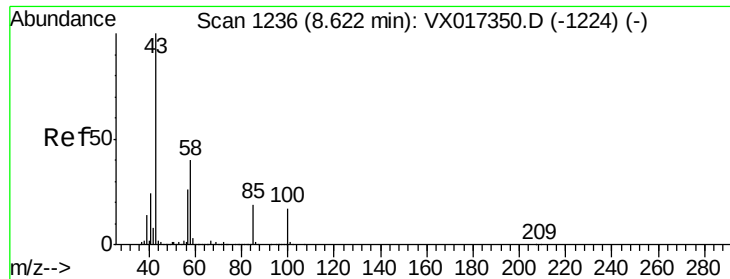
#50
Toluene-d8
Concen: 51.228 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 98 Resp: 574051
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

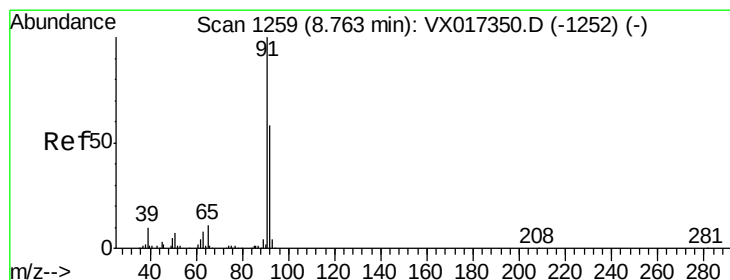
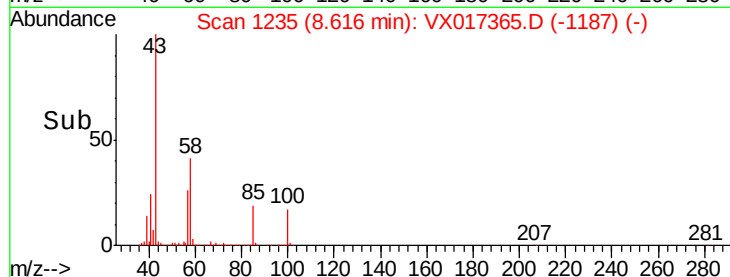
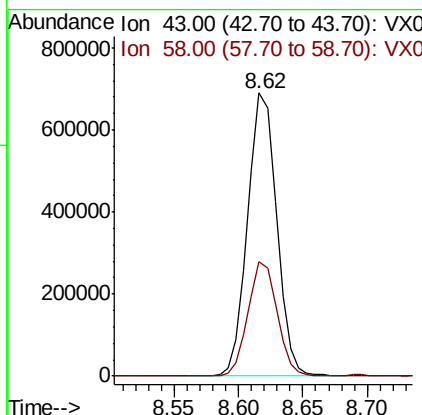
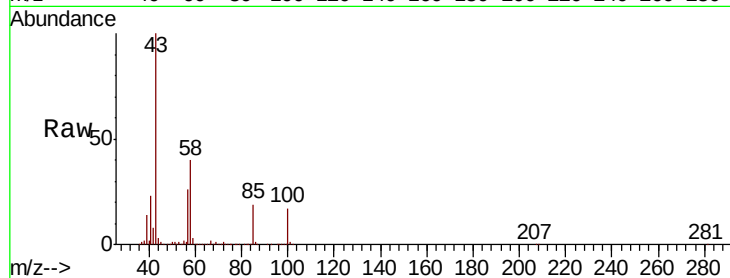




#51
 4-Methyl-2-Pentanone
 Concen: 251.451 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

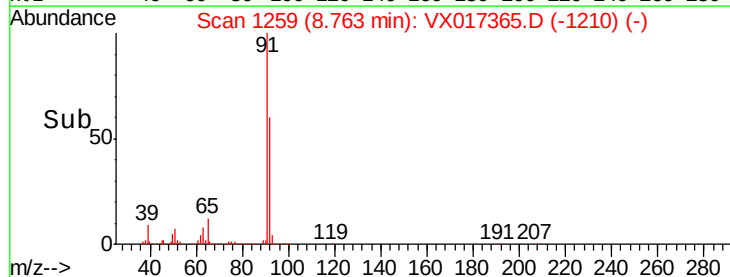
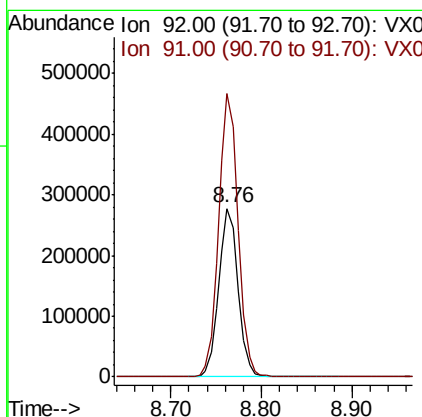
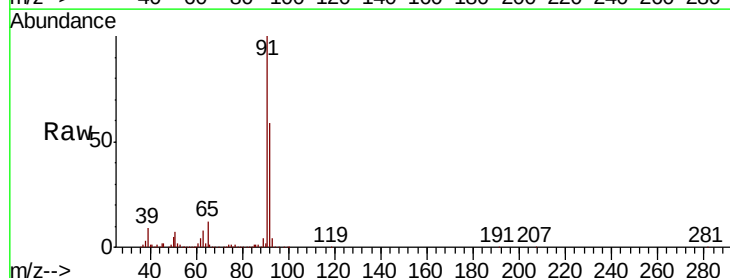
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

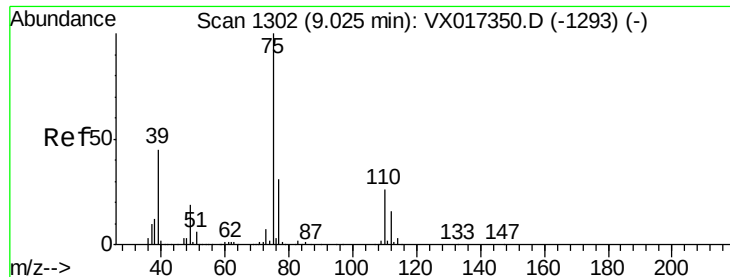
Tot Ion: 43 Resp: 1074773
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.2 48.2



#52
 Toluene
 Concen: 52.864 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion: 92 Resp: 413570
 Ion Ratio Lower Upper
 92 100
 91 168.8 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 51.706 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

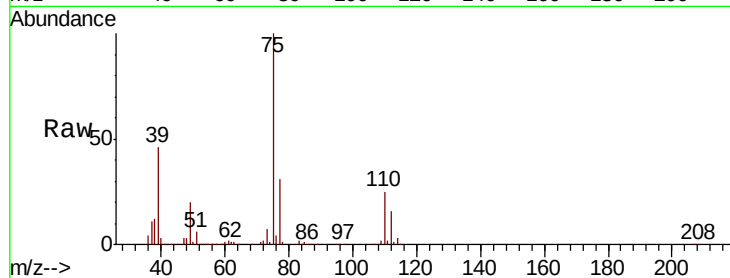
VSTDCCC050

Tot Ion: 75 Resp: 261996

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

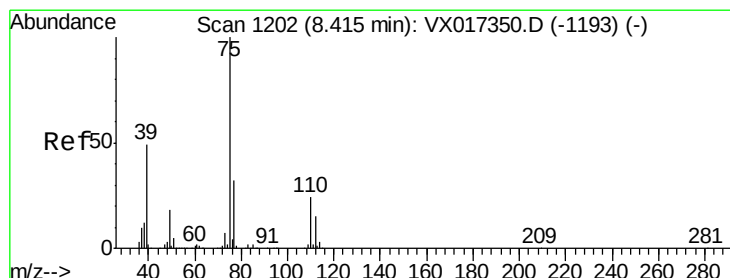
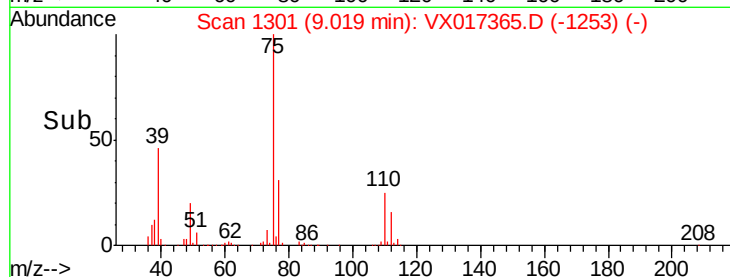
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 51.854 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

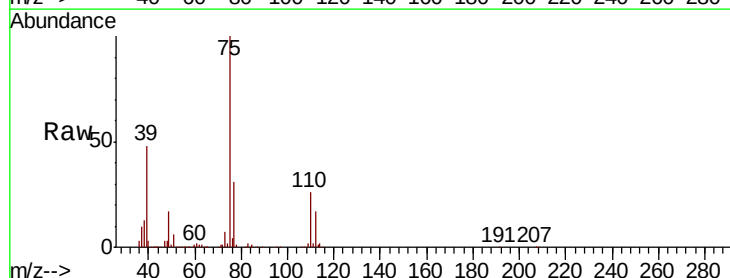
Tgt Ion: 75 Resp: 280241

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 48.2 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

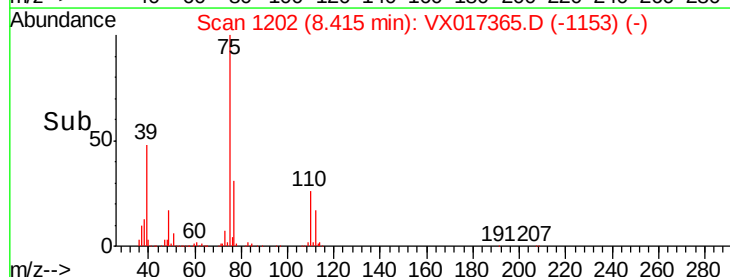
150000

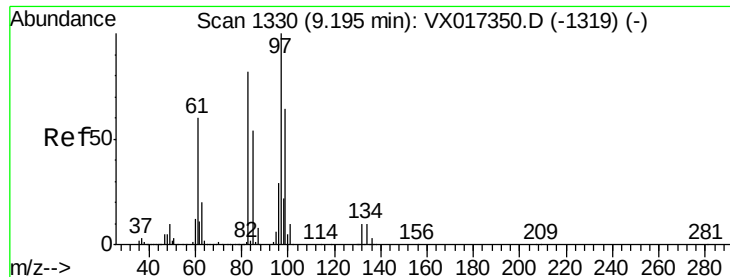
100000

50000

0

Time--> 8.30 8.40 8.50

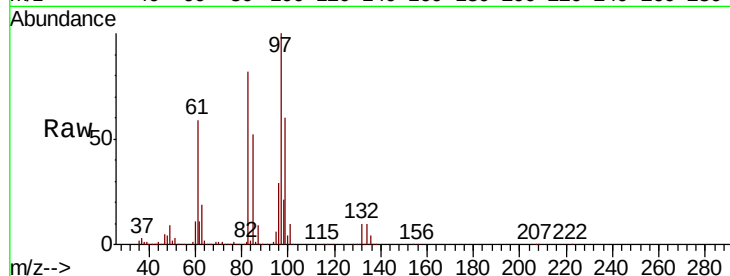




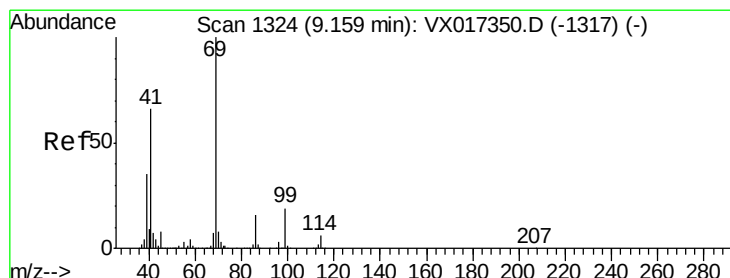
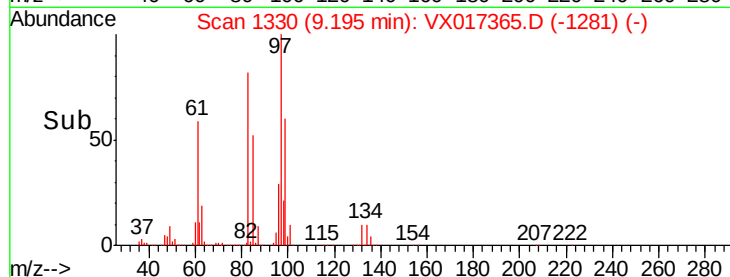
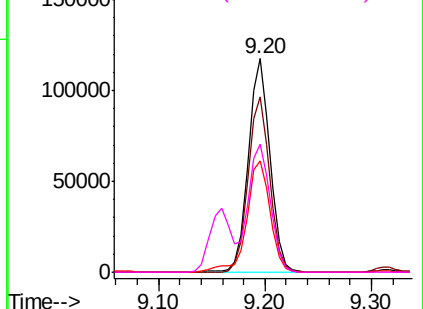
#55
 1,1,2-Trichloroethane
 Concen: 51.456 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	167863
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.8	98.6
85	52.2	42.8	64.2
99	60.0	51.2	76.8

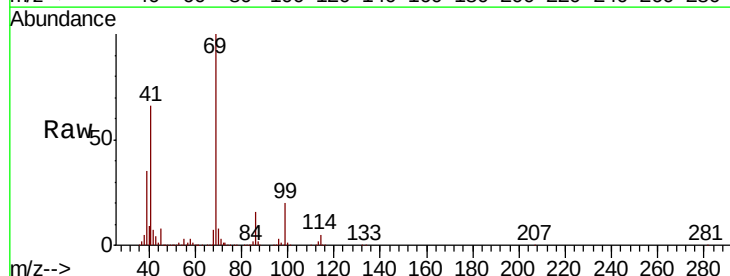


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

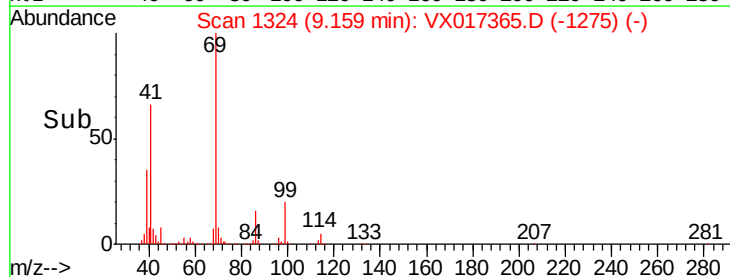
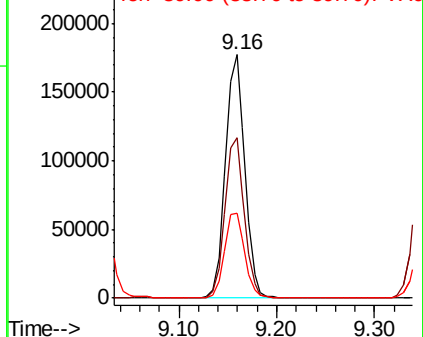


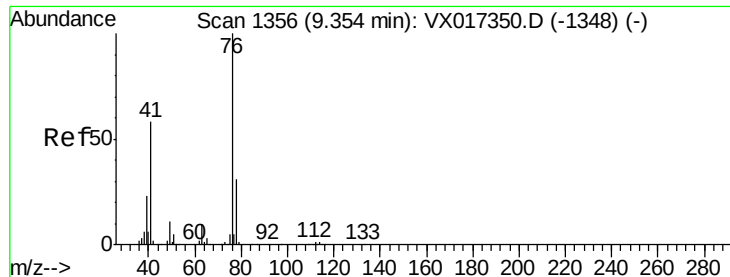
#56
 Ethyl methacrylate
 Concen: 52.611 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion:	69	Resp:	243669
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.6	78.8
39	36.2	28.8	43.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.931 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

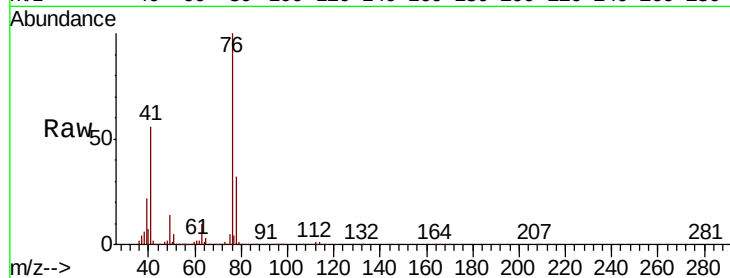
VSTDCCC050

Tot Ion: 76 Resp: 276374

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

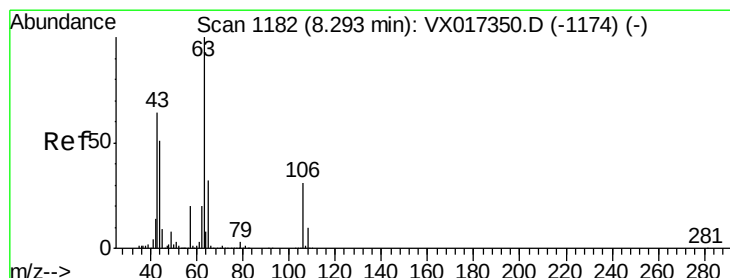
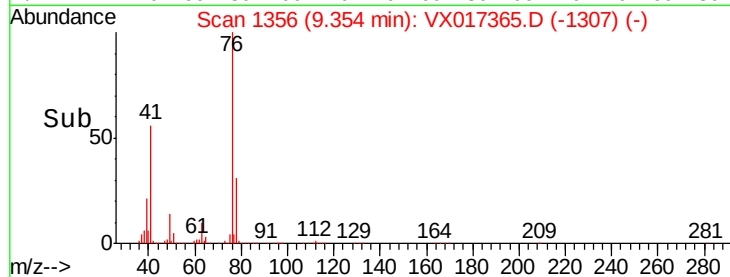
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 273.328 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017365.D

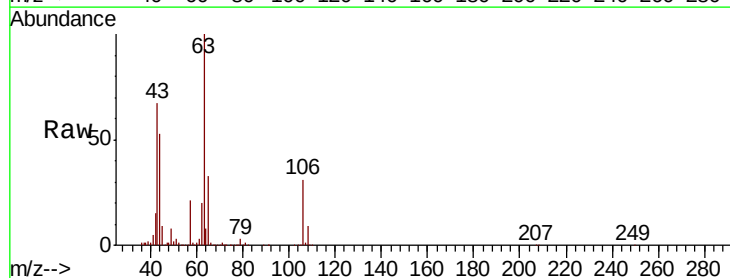
Acq: 14 Jul 2020 09:32

Tgt Ion: 63 Resp: 642769

Ion Ratio Lower Upper

63 100

106 31.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

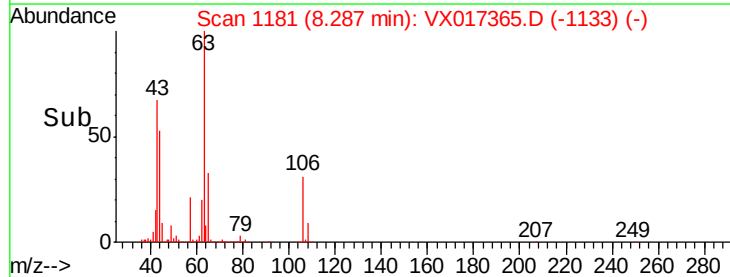
200000

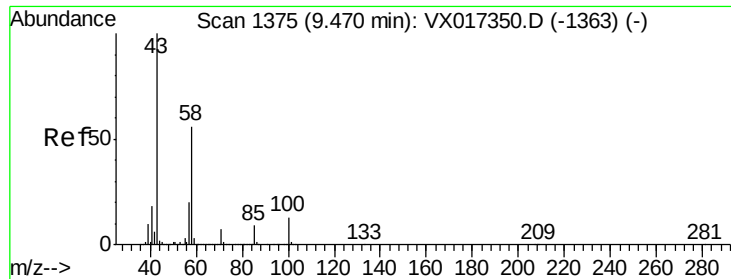
100000

0

8.20 8.30 8.40

Time-->

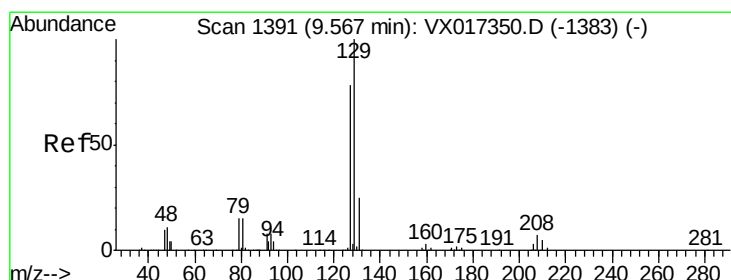
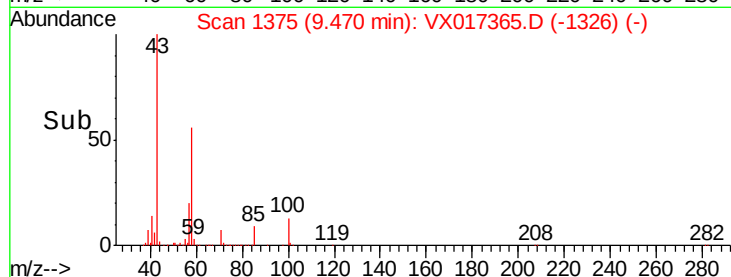
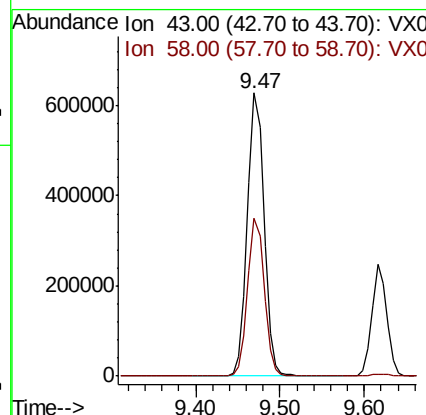
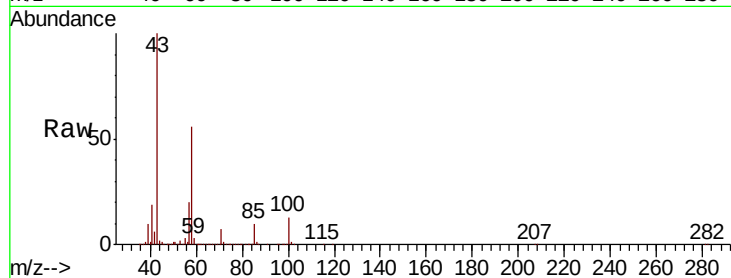




#59
2-Hexanone
Concen: 257.571 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

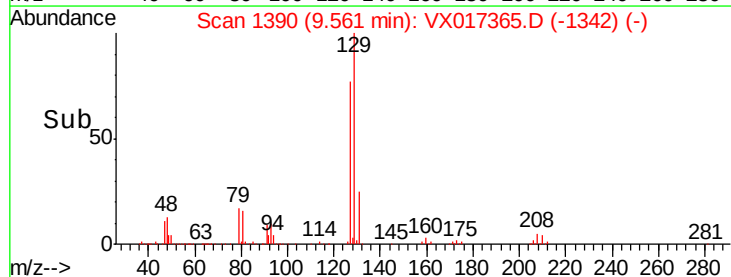
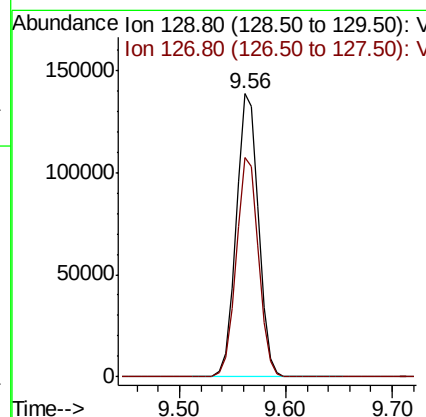
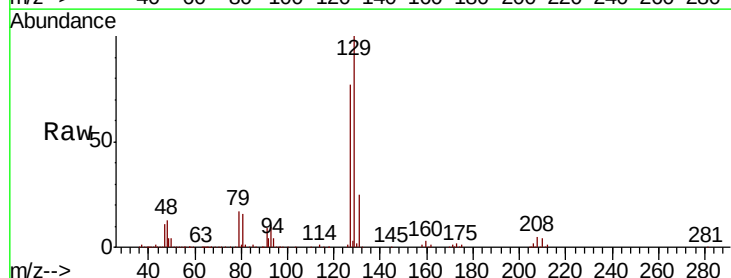
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

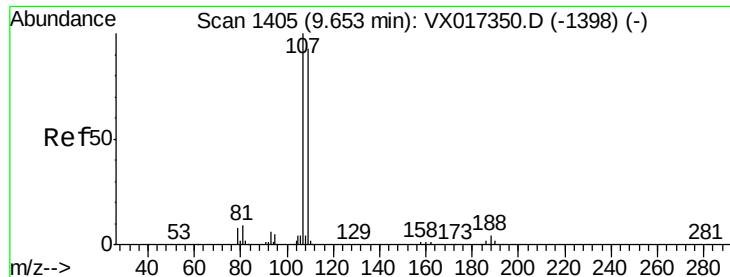
Tot Ion: 43 Resp: 830933
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.3



#60
Dibromochloromethane
Concen: 50.921 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 129 Resp: 202935
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.934 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampled :

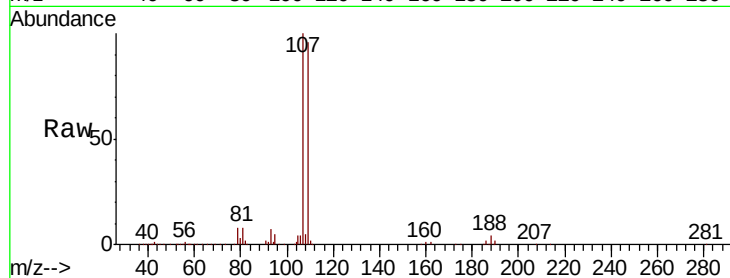
VSTDCCC050

Tot Ion:107 Resp: 180754

Ion Ratio Lower Upper

107 100

109 95.1 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

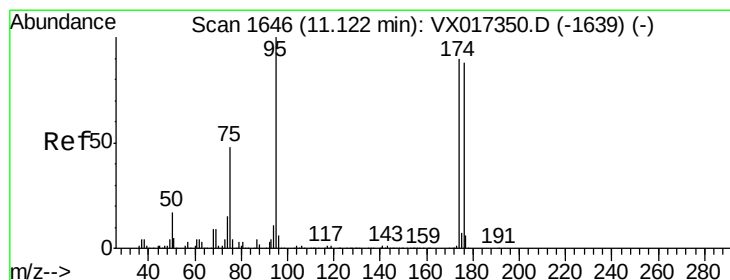
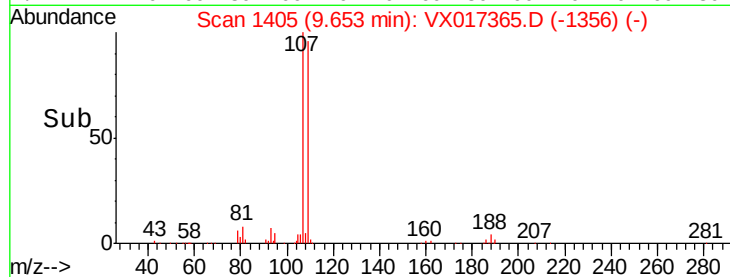
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.075 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

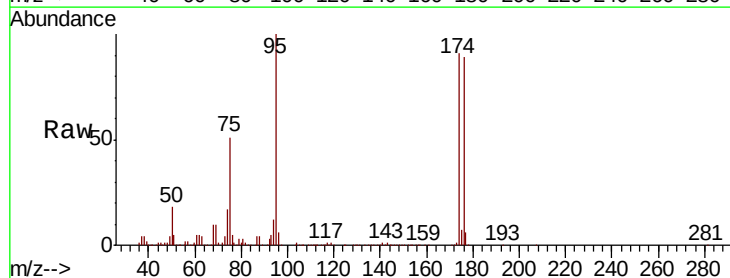
Tgt Ion: 95 Resp: 227345

Ion Ratio Lower Upper

95 100

174 84.7 0.0 175.8

176 84.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

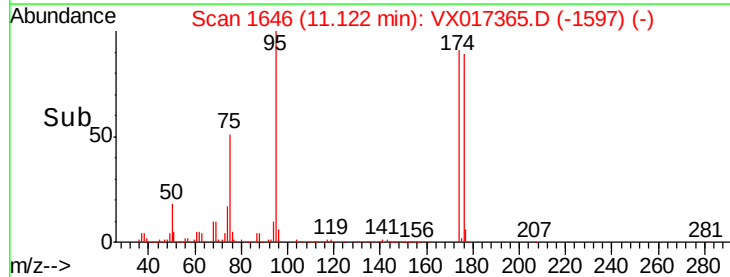
150000

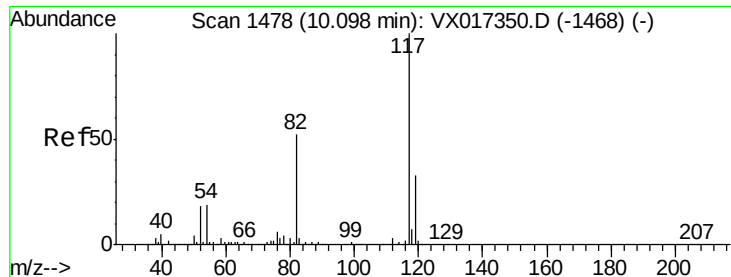
100000

50000

0

Time-->

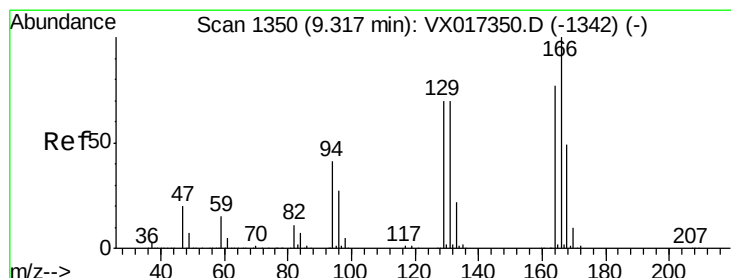
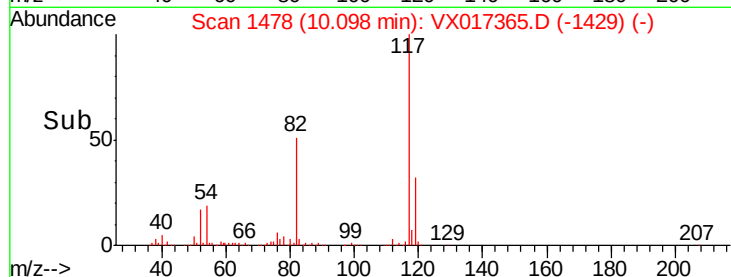
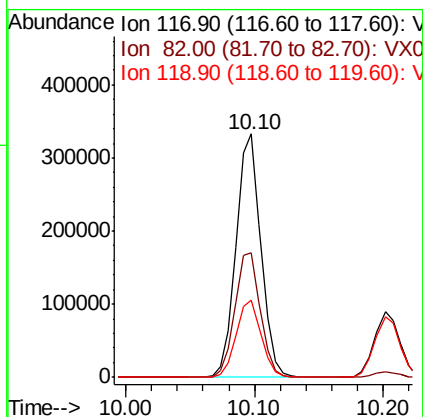
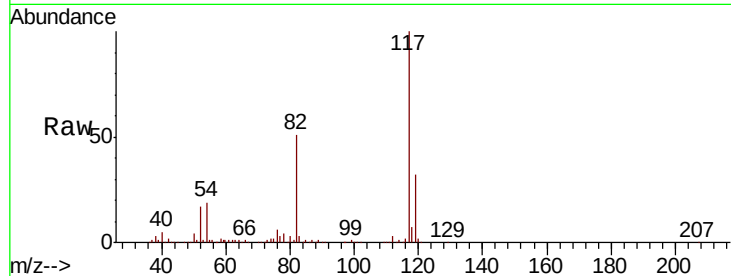




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

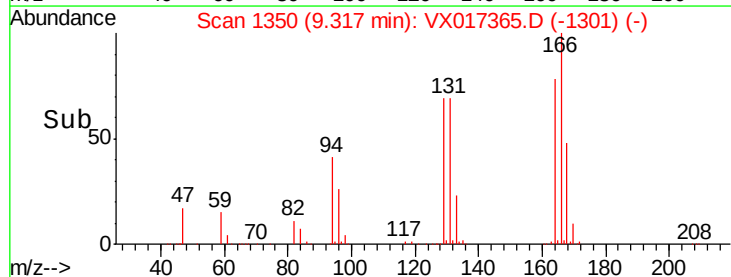
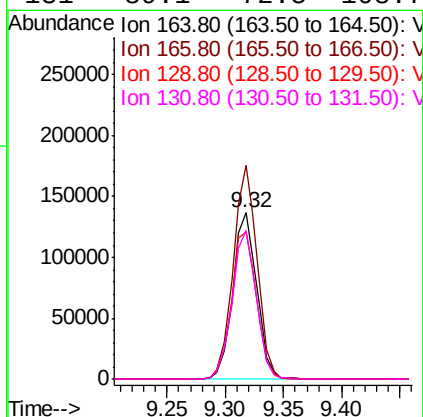
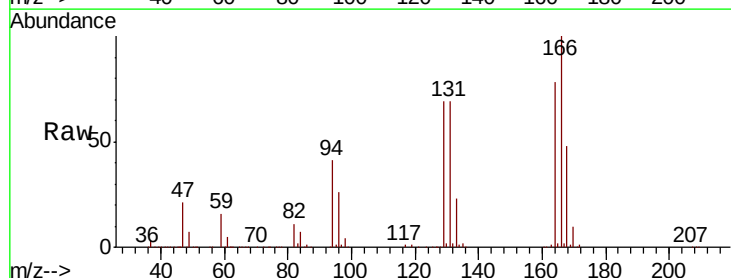
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

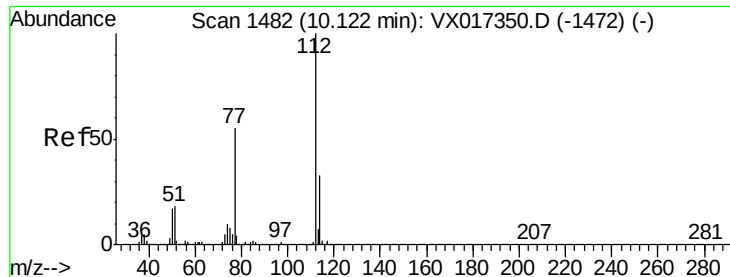
Tot Ion:117 Resp: 445496
Ion Ratio Lower Upper
117 100
82 51.1 42.0 63.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 50.722 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion:164 Resp: 195578
Ion Ratio Lower Upper
164 100
166 128.4 103.9 155.9
129 88.3 72.9 109.3
131 89.1 72.5 108.7

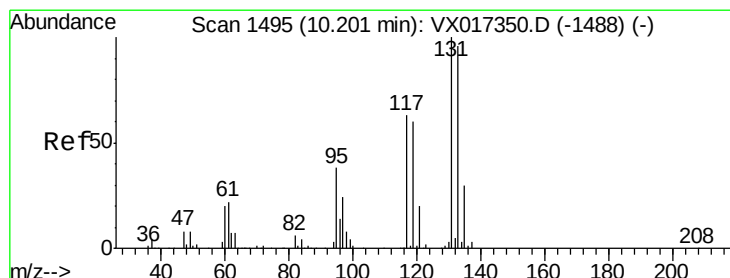
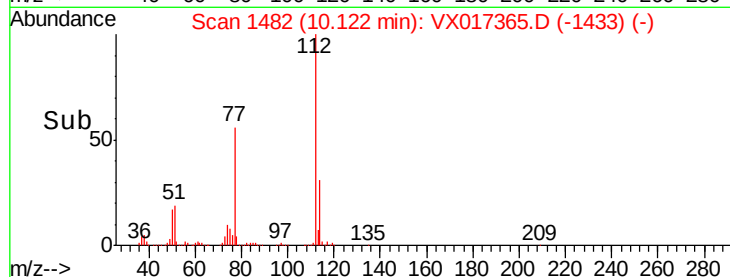
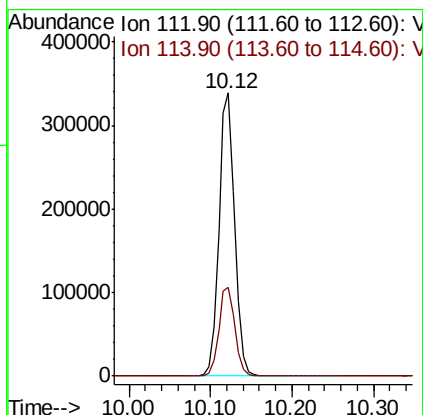
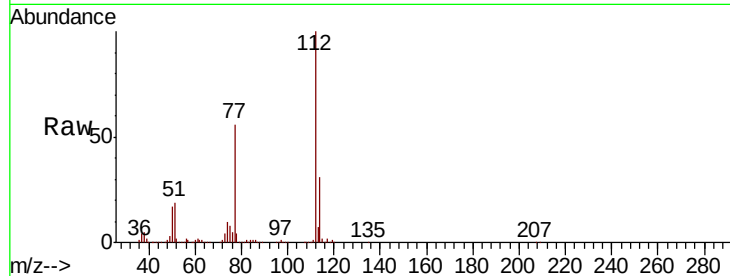




#65
Chlorobenzene
Concen: 50.368 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

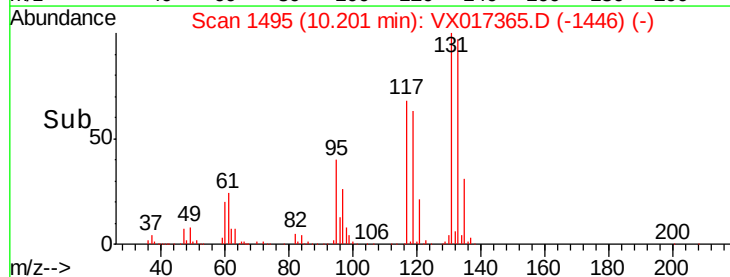
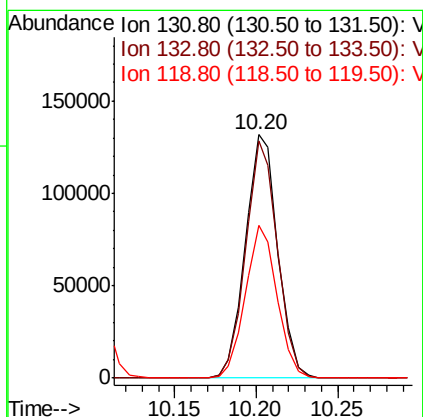
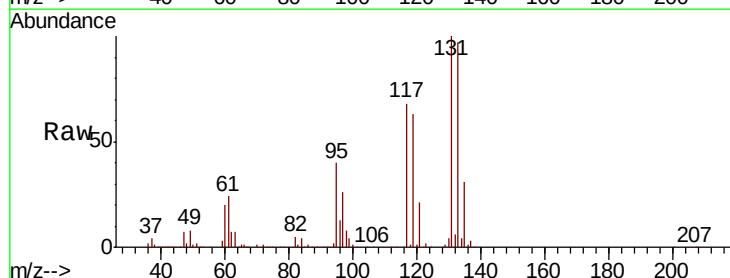
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

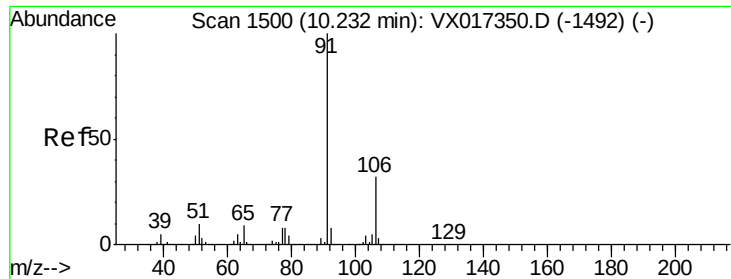
Tot Ion:112 Resp: 456001
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.543 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion:131 Resp: 182181
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.2
119 61.4 31.2 93.6





#67

Ethyl Benzene

Concen: 52.293 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

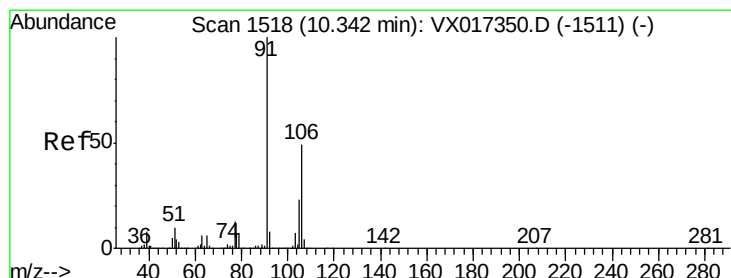
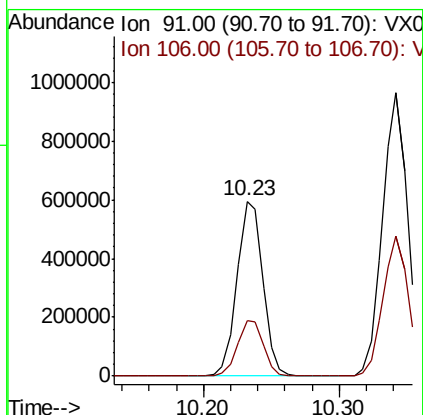
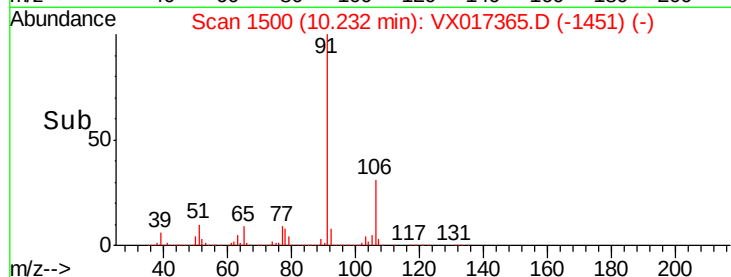
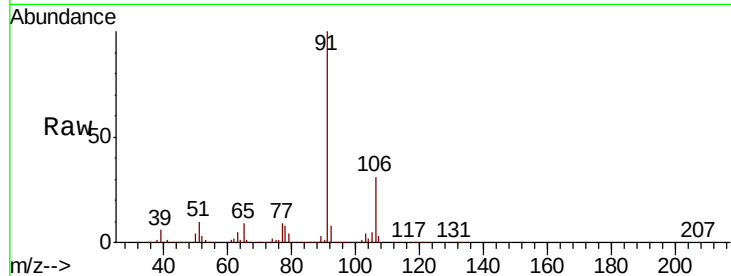
VSTDCCC050

Tot Ion: 91 Resp: 788130

Ion Ratio Lower Upper

91 100

106 31.4 25.7 38.5



#68

m/p-Xylenes

Concen: 108.114 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017365.D

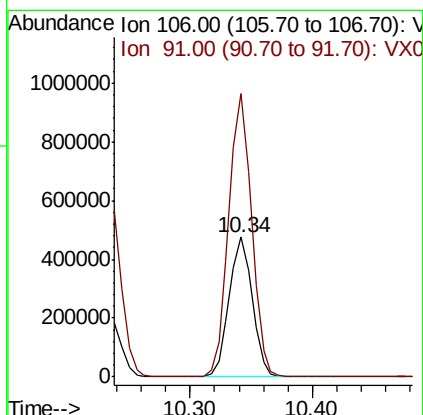
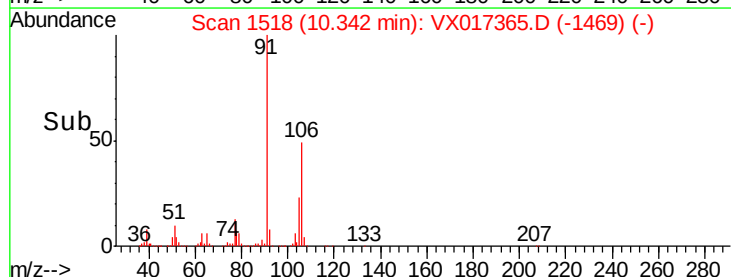
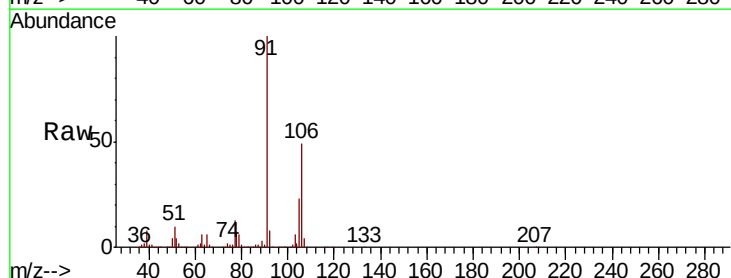
Acq: 14 Jul 2020 09:32

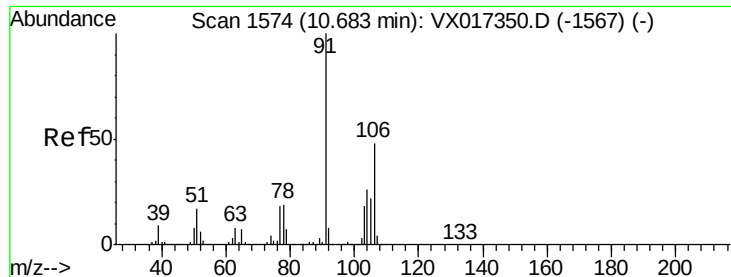
Tgt Ion: 106 Resp: 619973

Ion Ratio Lower Upper

106 100

91 201.0 162.5 243.7

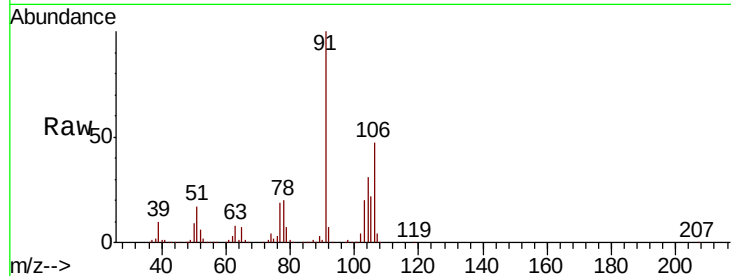




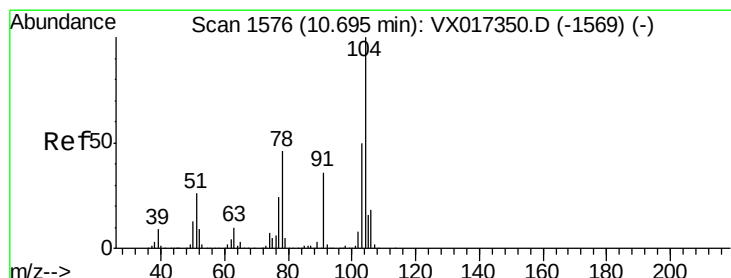
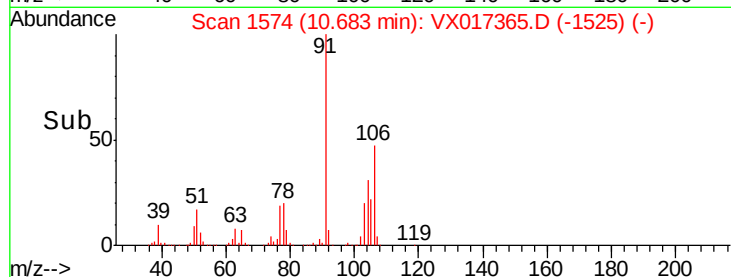
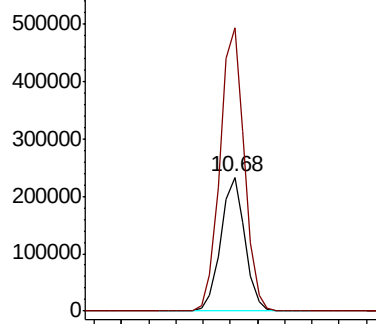
#69
o-Xylene
Concen: 52.806 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 289350
Ion Ratio Lower Upper
106 100
91 214.0 106.1 318.1

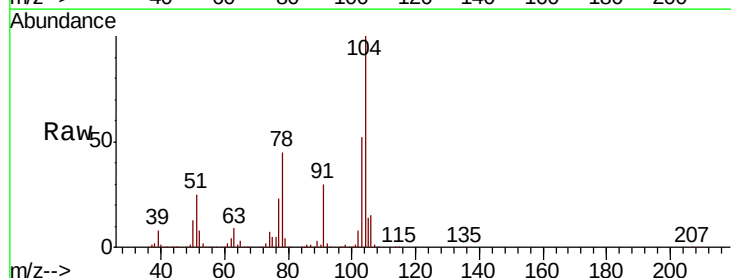


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

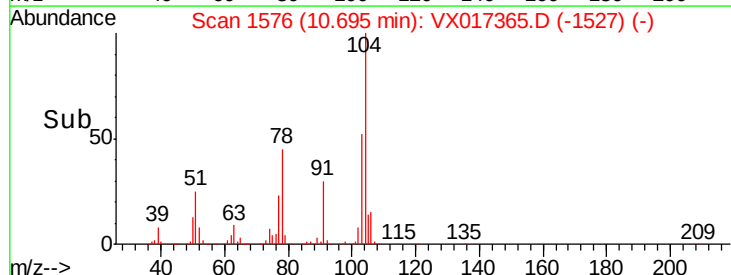
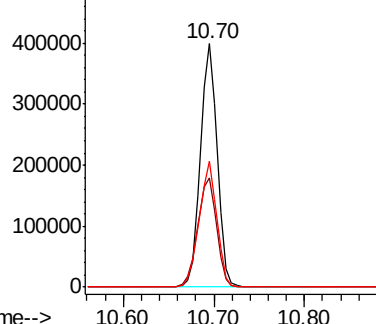


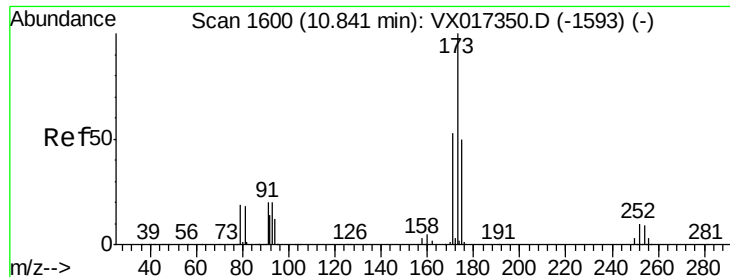
#70
Styrene
Concen: 54.556 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion:104 Resp: 513139
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 54.4 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.694 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

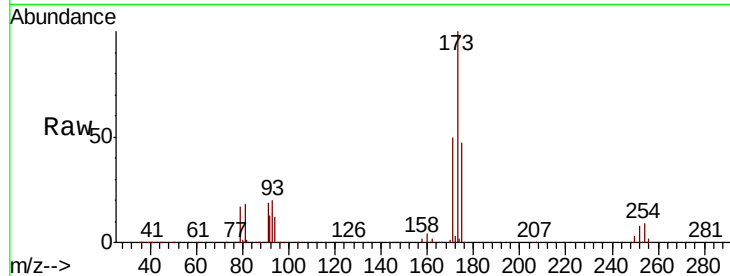
Tot Ion:173 Resp: 160275

Ion Ratio Lower Upper

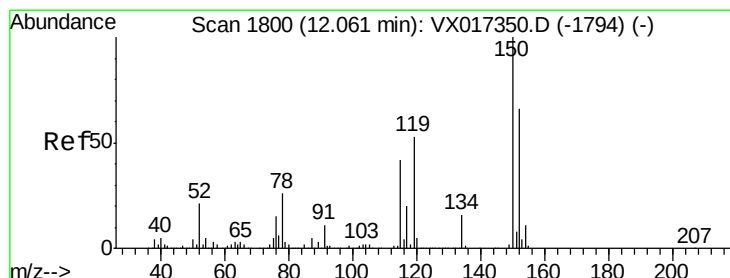
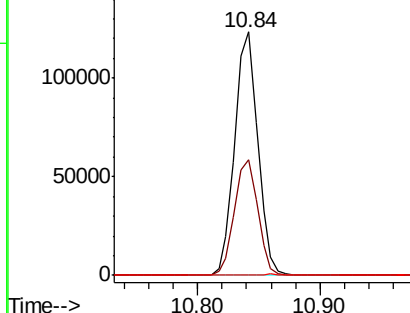
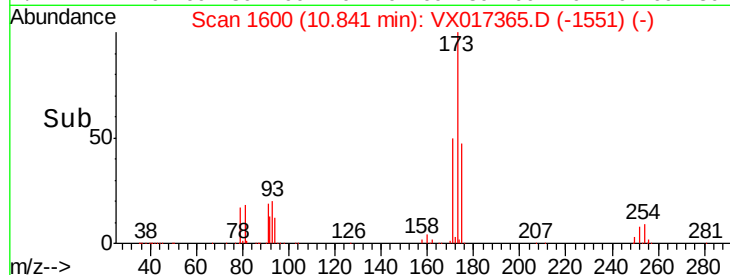
173 100

175 48.2 24.7 74.1

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

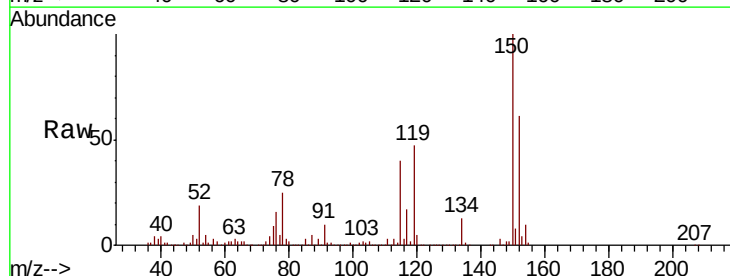
Tgt Ion:152 Resp: 241597

Ion Ratio Lower Upper

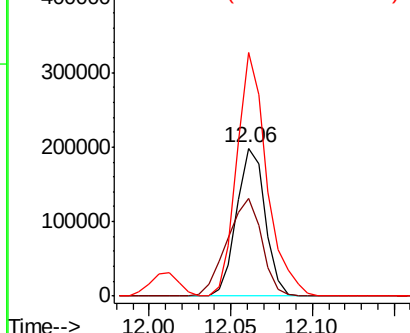
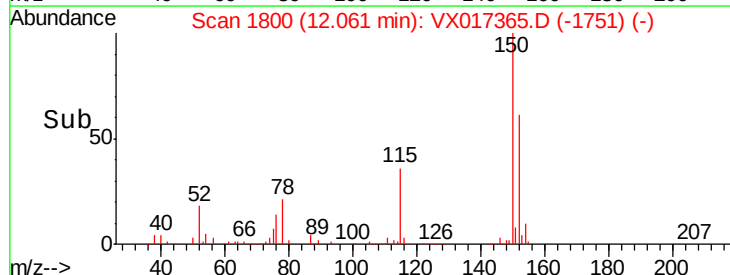
152 100

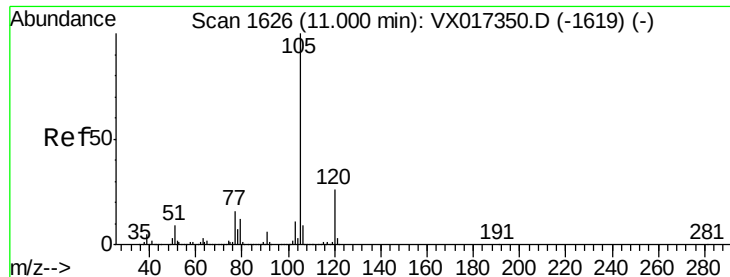
115 80.6 39.9 119.7

150 172.8 0.0 343.4



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





#73

Isopropylbenzene

Concen: 53.697 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

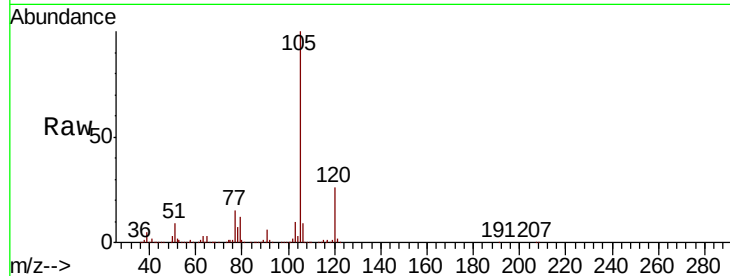
VSTDCCC050

Tot Ion:105 Resp: 813236

Ion Ratio Lower Upper

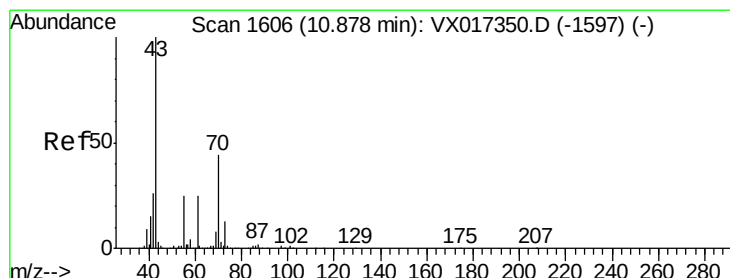
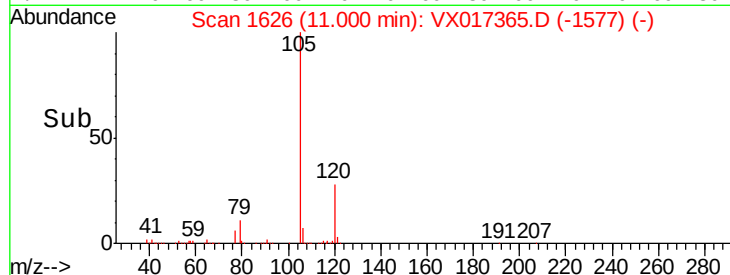
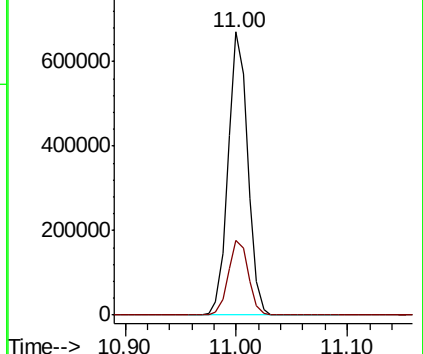
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.444 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Tgt Ion: 43 Resp: 323900

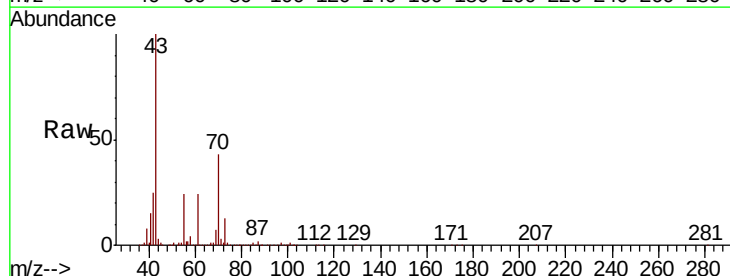
Ion Ratio Lower Upper

43 100

70 43.9 35.7 53.5

55 24.6 20.3 30.5

61 24.7 20.0 30.0

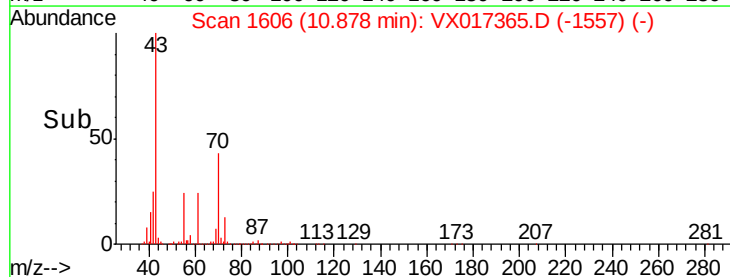
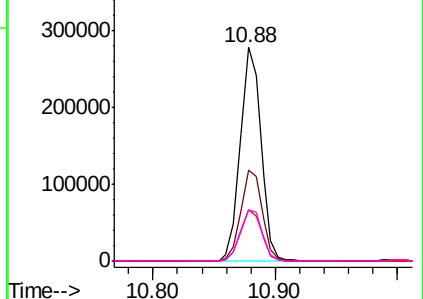


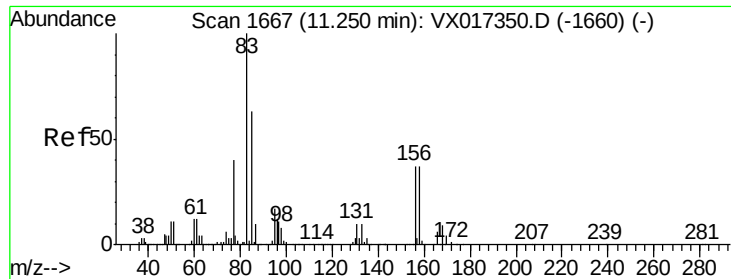
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.718 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

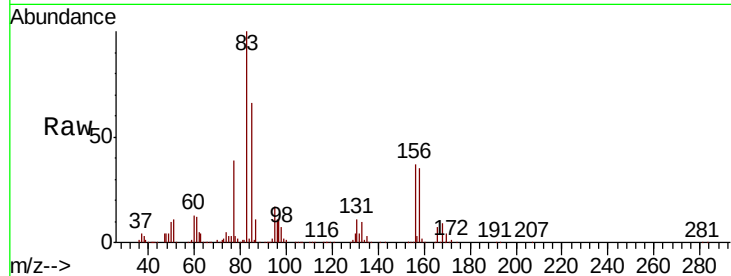
Tot Ion: 83 Resp: 228620

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

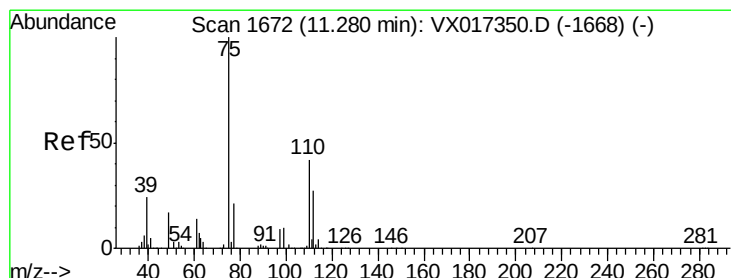
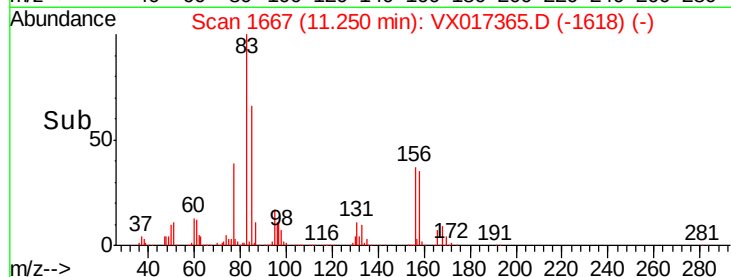
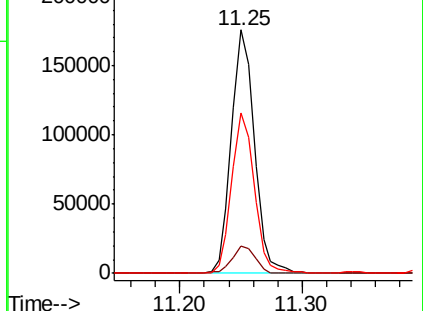
85 65.2 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.589 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017365.D

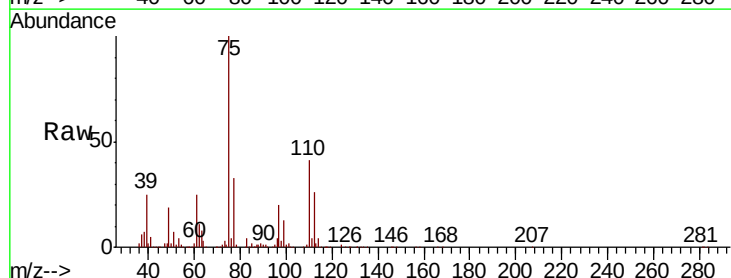
Acq: 14 Jul 2020 09:32

Tgt Ion: 75 Resp: 292807

Ion Ratio Lower Upper

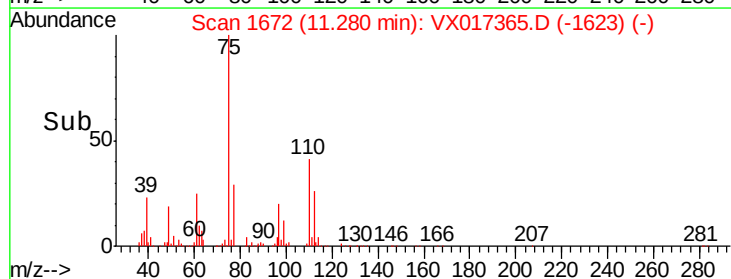
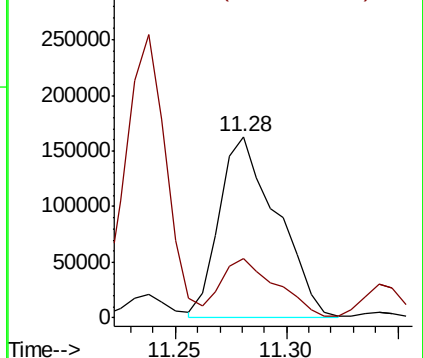
75 100

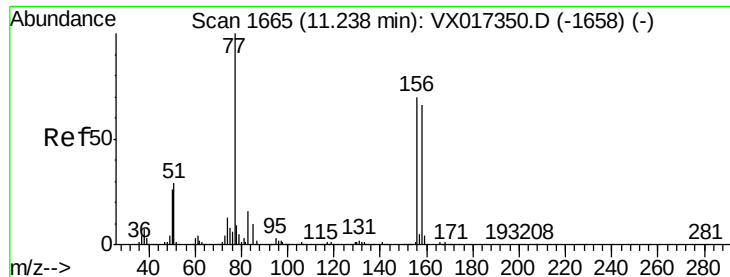
77 31.5 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.168 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

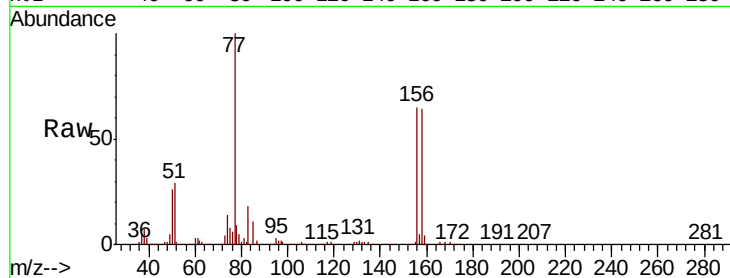
Tot Ion:156 Resp: 216401

Ion Ratio Lower Upper

156 100

77 149.1 72.1 216.3

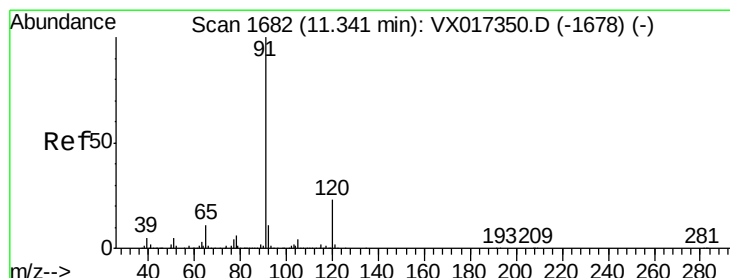
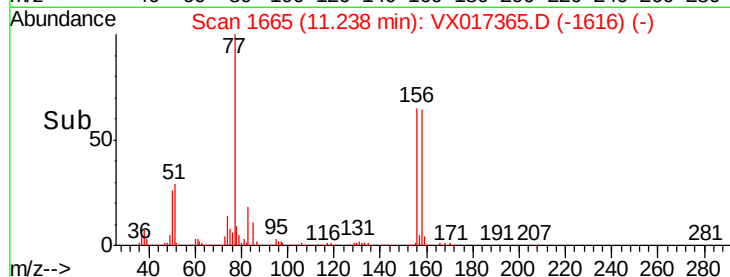
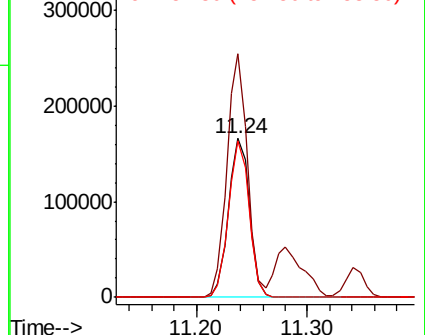
158 97.0 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.908 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017365.D

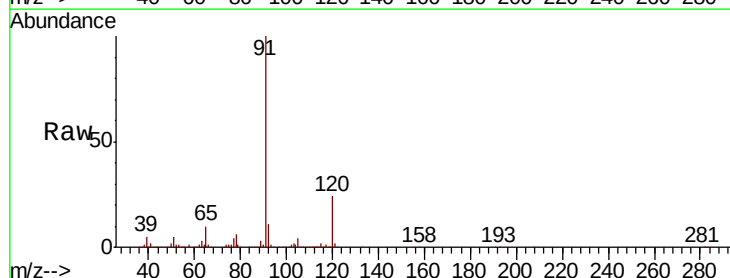
Acq: 14 Jul 2020 09:32

Tgt Ion: 91 Resp: 933923

Ion Ratio Lower Upper

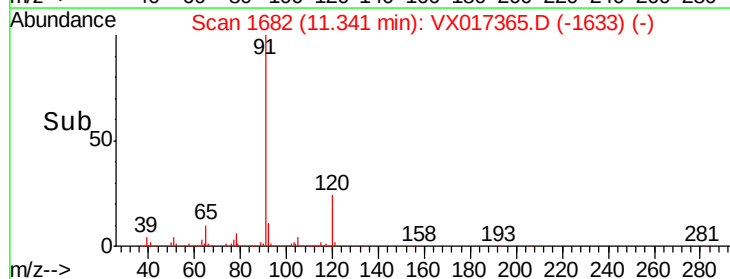
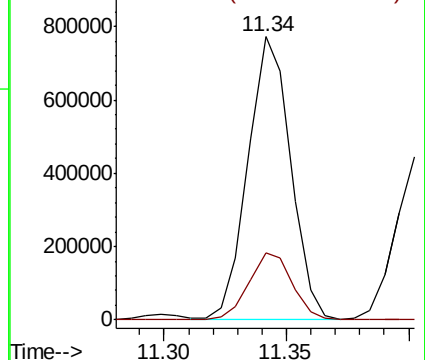
91 100

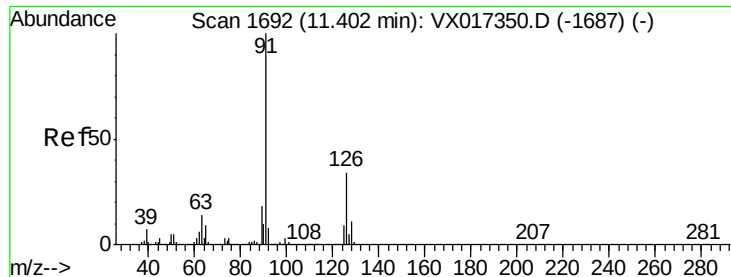
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

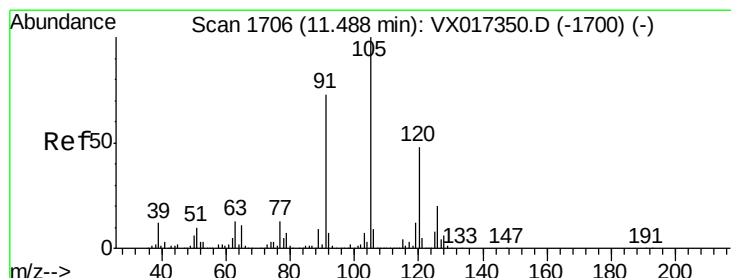
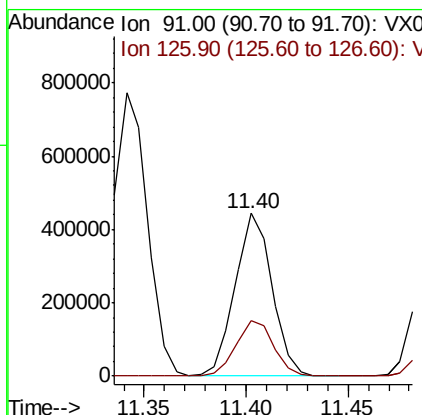
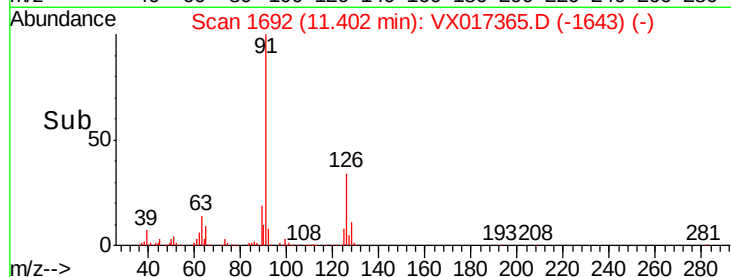
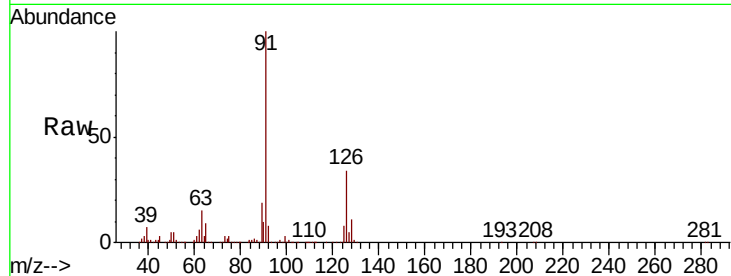




#79
2-Chlorotoluene
Concen: 52.882 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

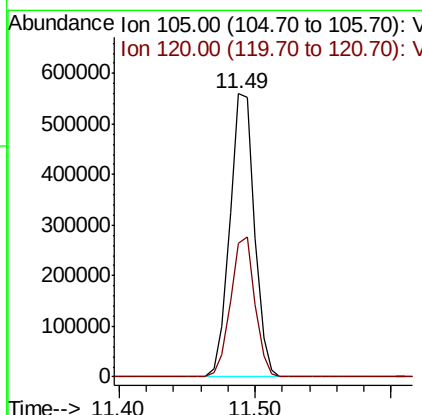
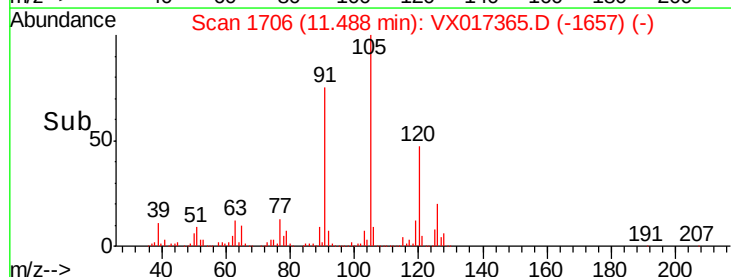
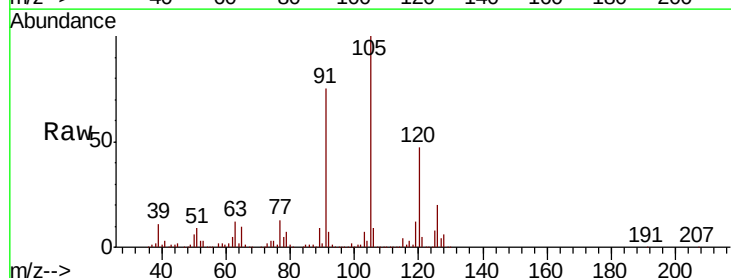
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

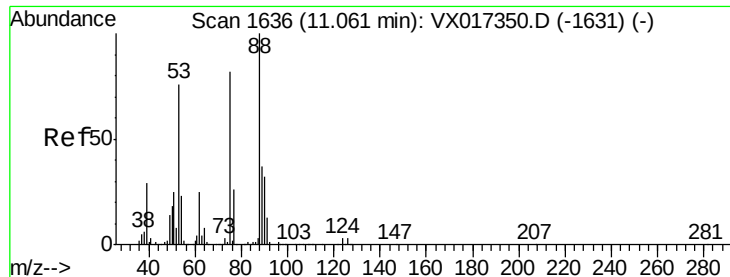
Tot Ion: 91 Resp: 554295
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 54.590 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 105 Resp: 701813
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.450 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

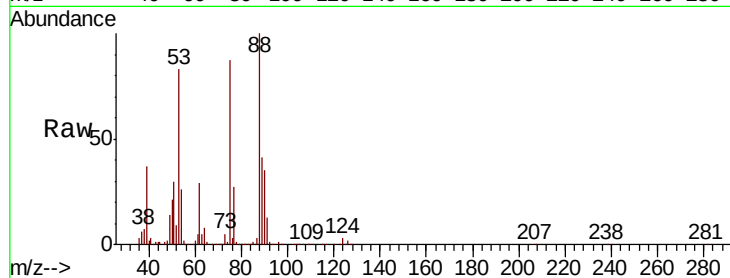
Tot Ion: 75 Resp: 87024

Ion Ratio Lower Upper

75 100

53 95.3 76.5 114.7

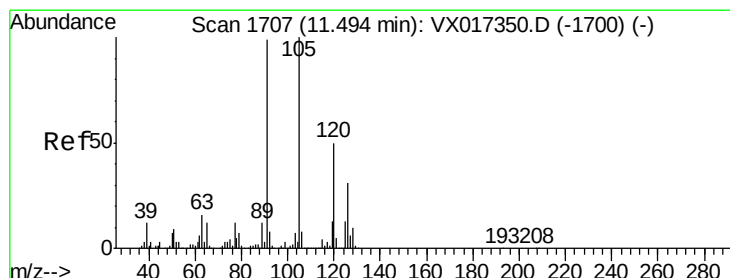
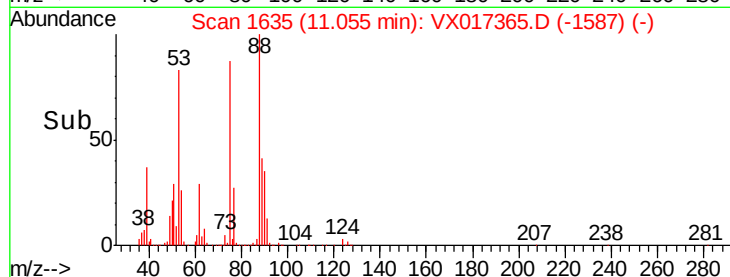
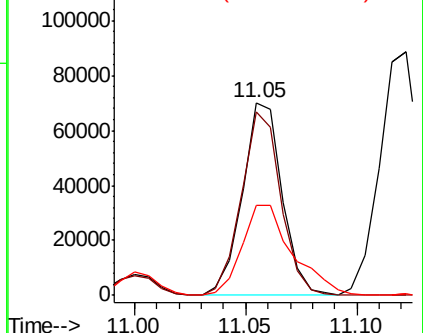
89 60.0 38.1 57.1#



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: 53.343 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017365.D

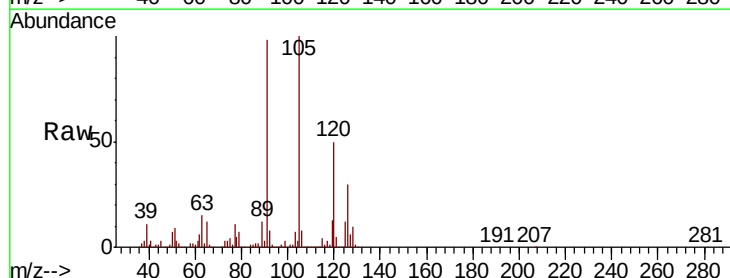
Acq: 14 Jul 2020 09:32

Tgt Ion: 91 Resp: 662629

Ion Ratio Lower Upper

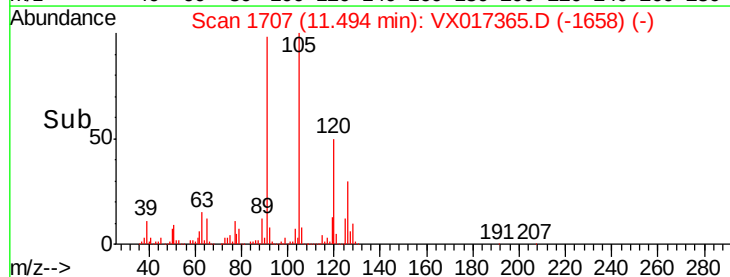
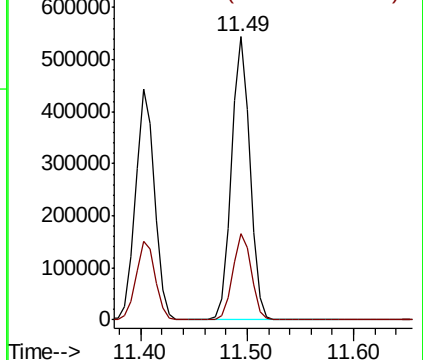
91 100

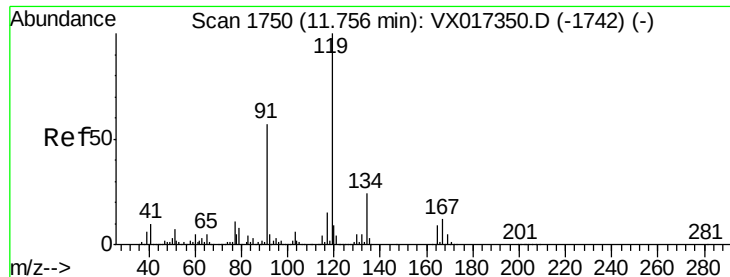
126 30.7 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

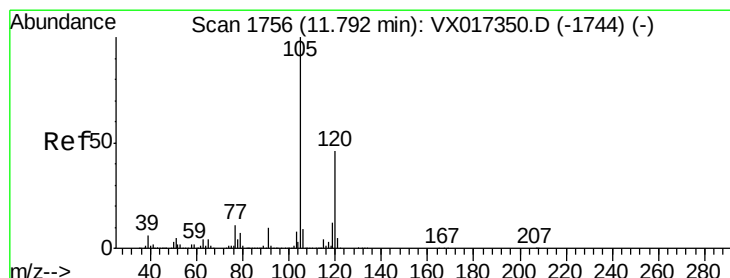
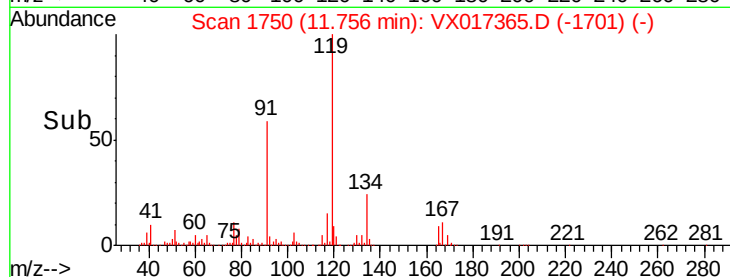
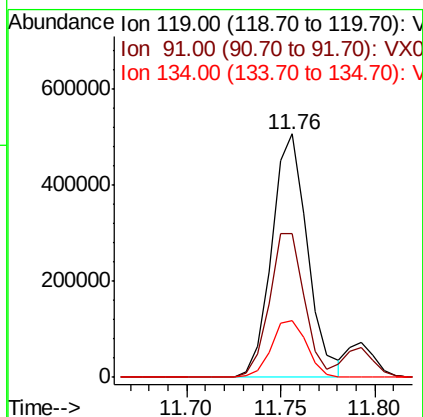
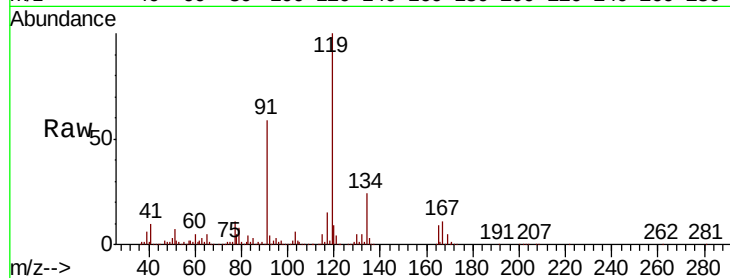




#83
 tert-Butylbenzene
 Concen: 53.298 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

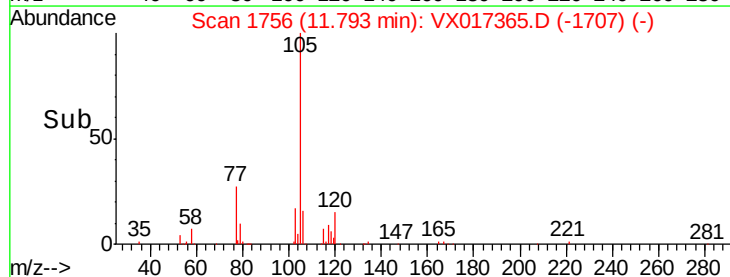
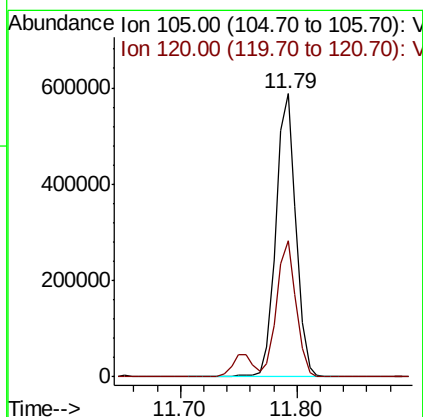
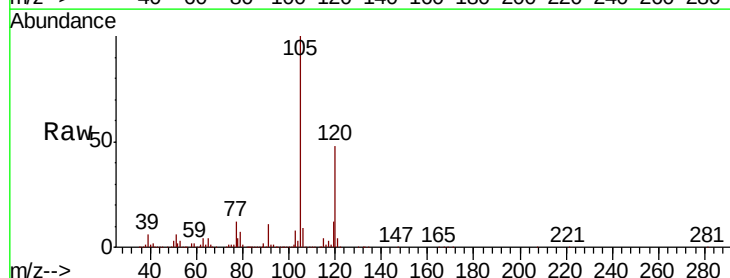
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

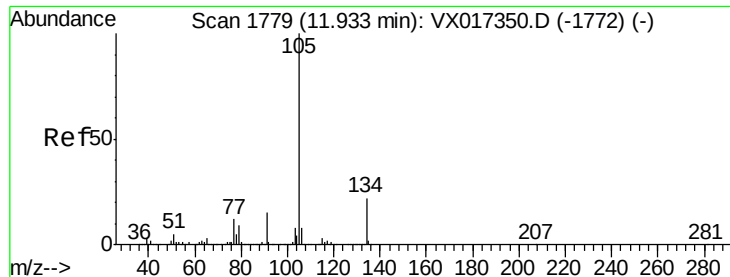
Tot Ion:119 Resp: 662365
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.5 85.6
 134 23.6 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.989 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion:105 Resp: 701203
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 54.389 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

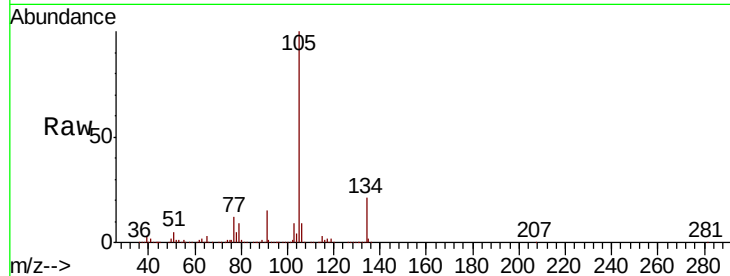
VSTDCCC050

Tot Ion:105 Resp: 791342

Ion Ratio Lower Upper

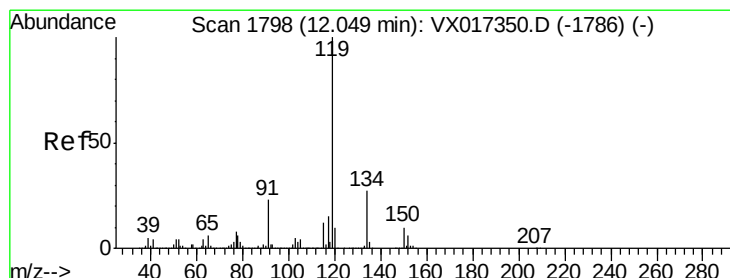
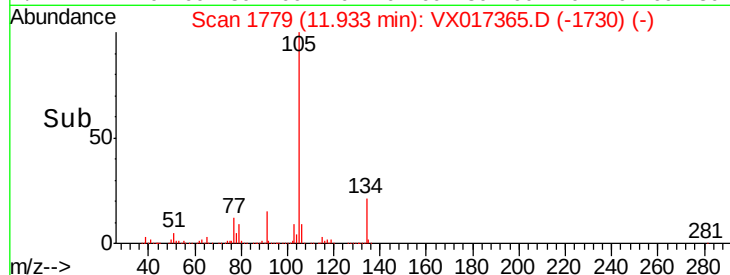
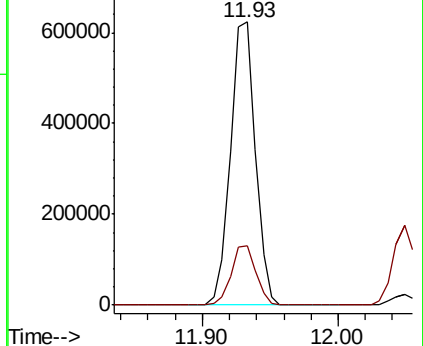
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.577 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

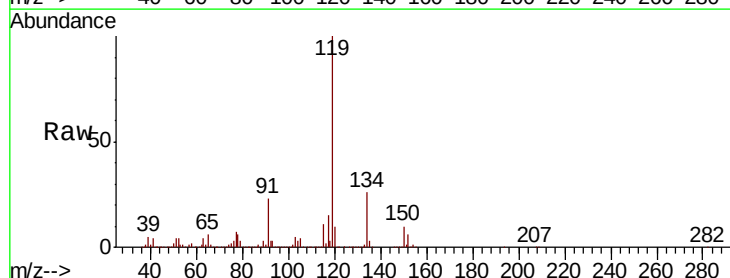
Tgt Ion:119 Resp: 765118

Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.5

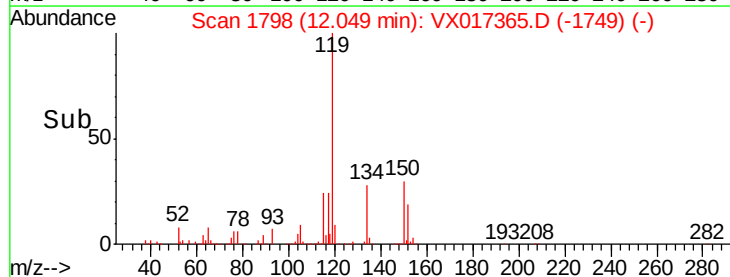
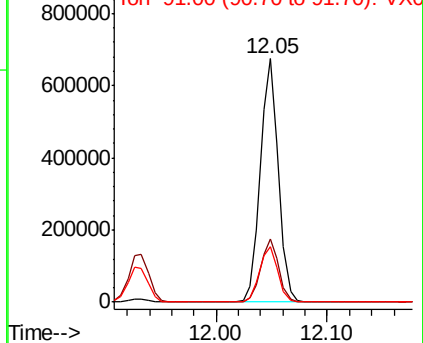
91 23.4 11.8 35.3

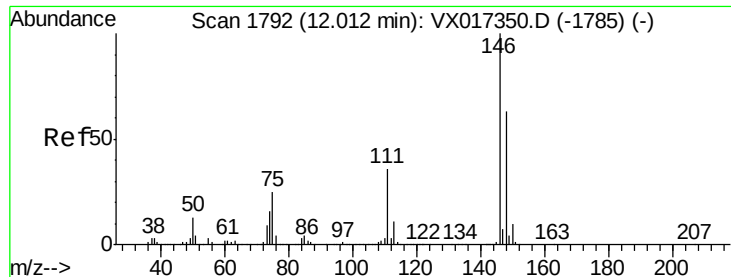


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

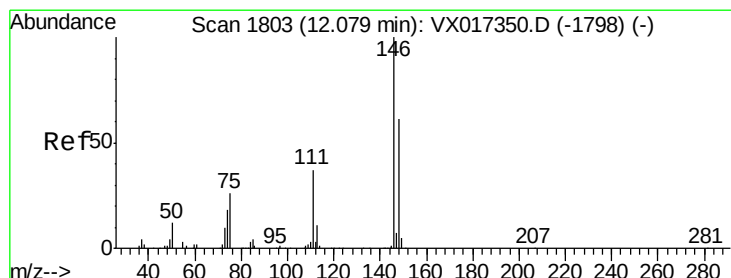
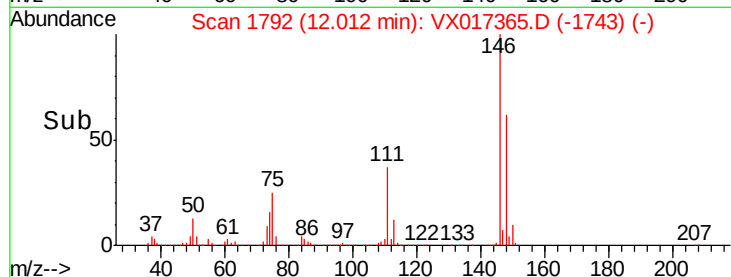
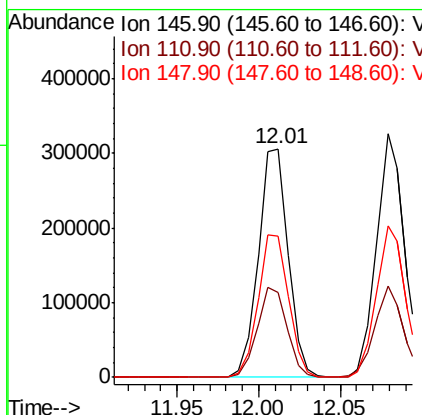
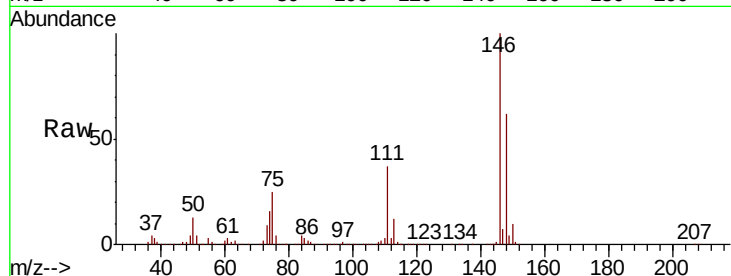




#87
 1,3-Dichlorobenzene
 Concen: 50.342 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

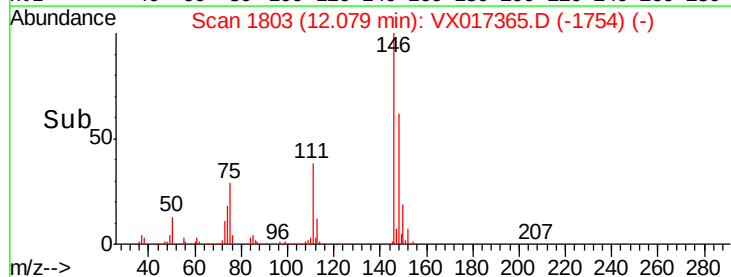
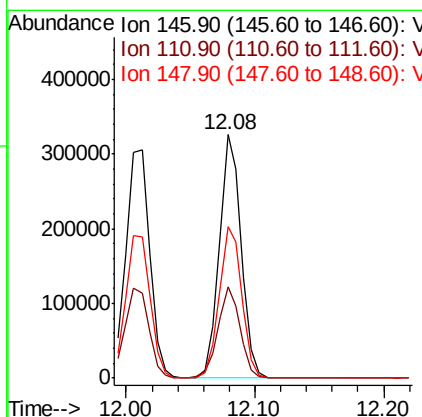
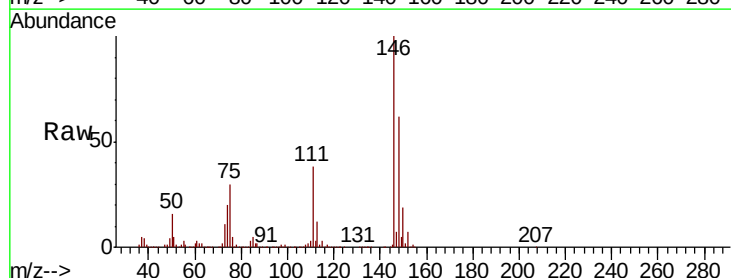
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

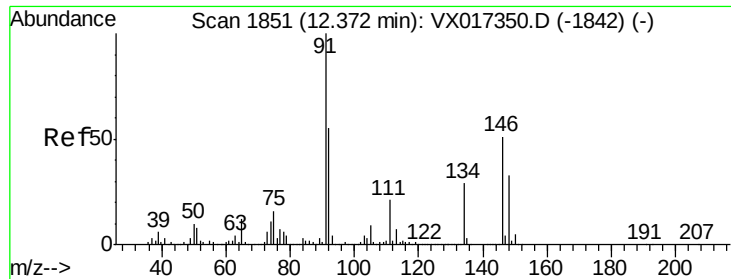
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.2	57.6
148	63.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.032 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	63.9	31.9	95.9

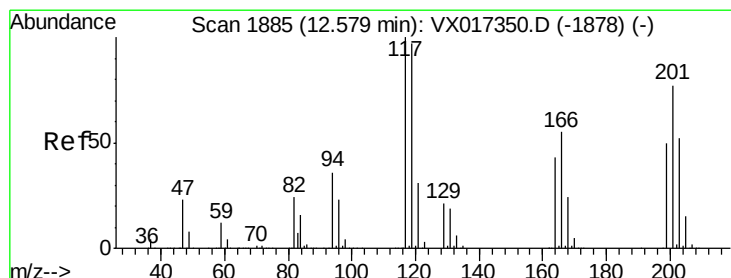
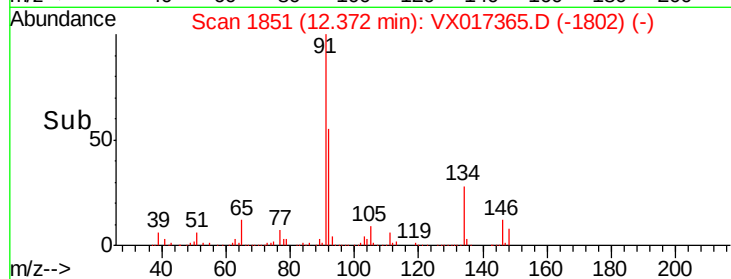
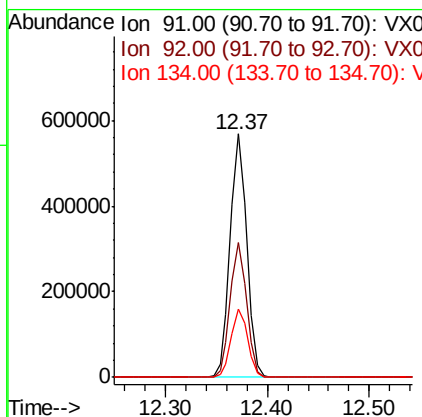
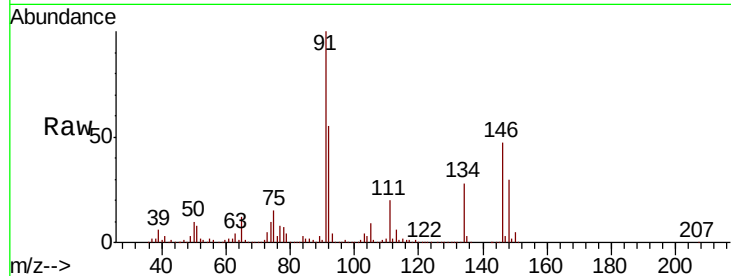




#89
n-Butylbenzene
Concen: 54.372 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

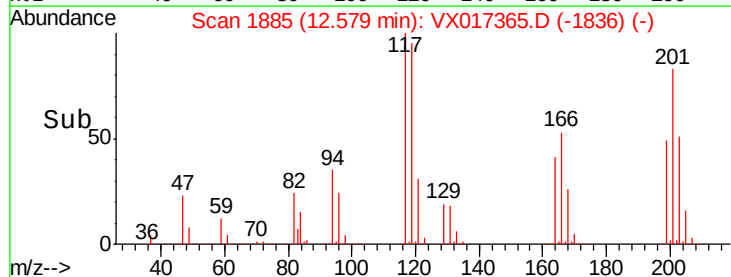
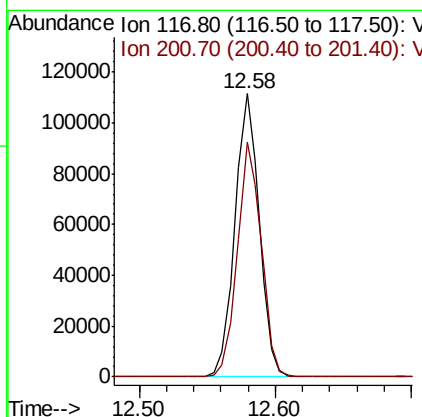
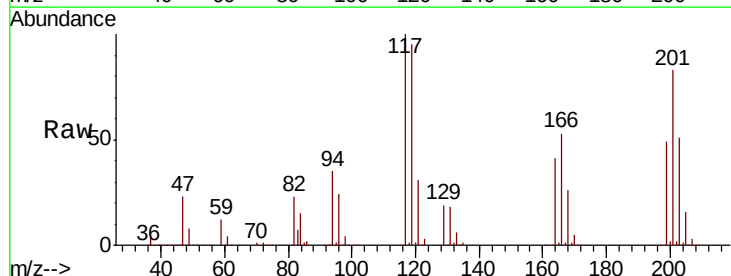
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

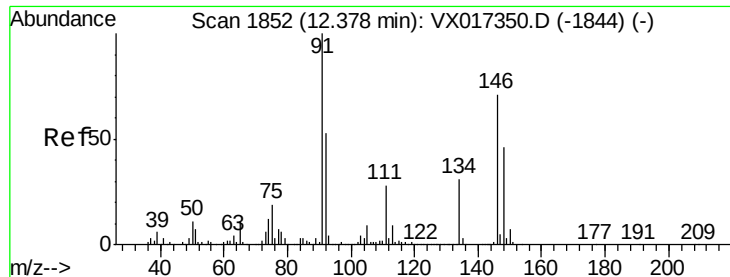
Tot Ion: 91 Resp: 638375
Ion Ratio Lower Upper
91 100
92 54.8 27.0 81.0
134 28.1 14.1 42.2



#90
Hexachloroethane
Concen: 52.889 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017365.D
Acq: 14 Jul 2020 09:32

Tgt Ion: 117 Resp: 138231
Ion Ratio Lower Upper
117 100
201 81.4 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 50.024 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

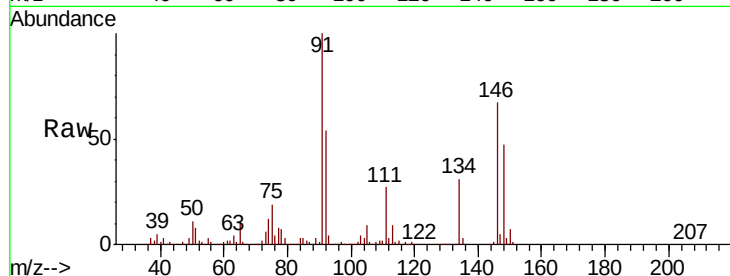
Tot Ion:146 Resp: 362744

Ion Ratio Lower Upper

146 100

111 41.1 20.3 61.0

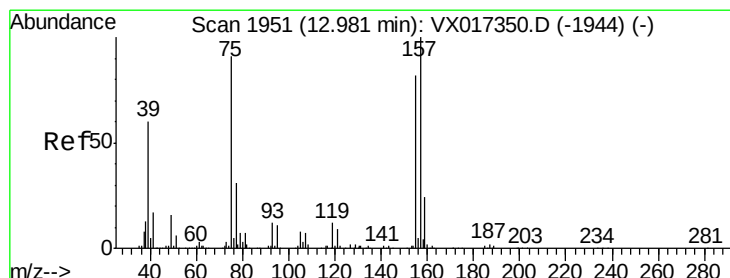
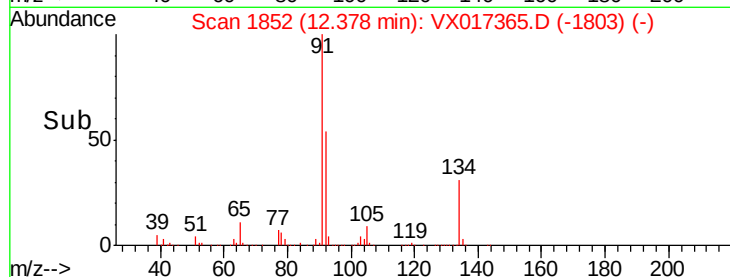
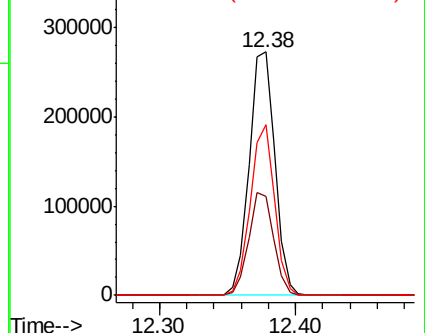
148 66.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.782 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

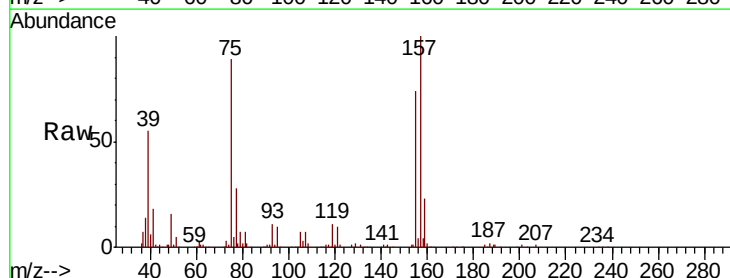
Tgt Ion: 75 Resp: 55550

Ion Ratio Lower Upper

75 100

155 87.5 46.5 139.3

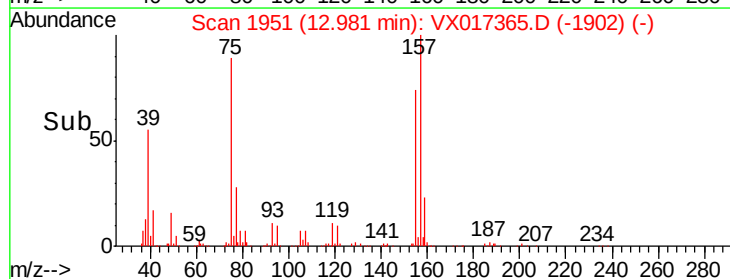
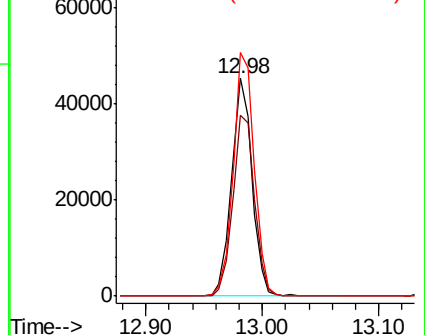
157 114.4 58.0 173.9

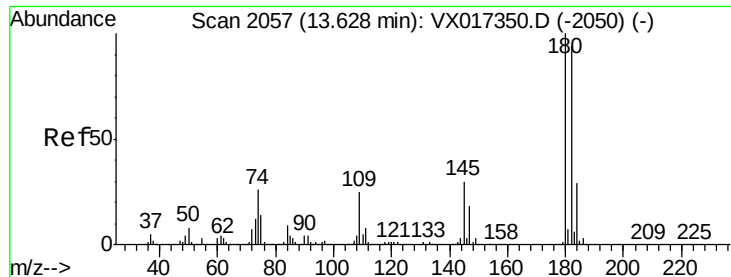


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

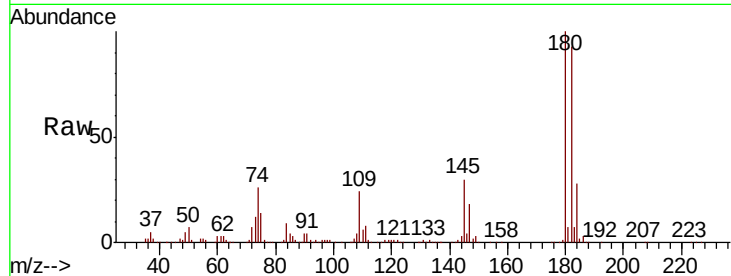




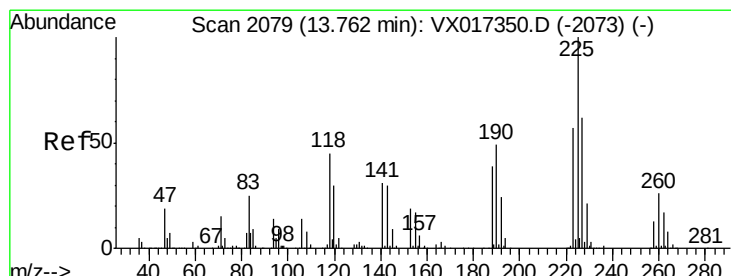
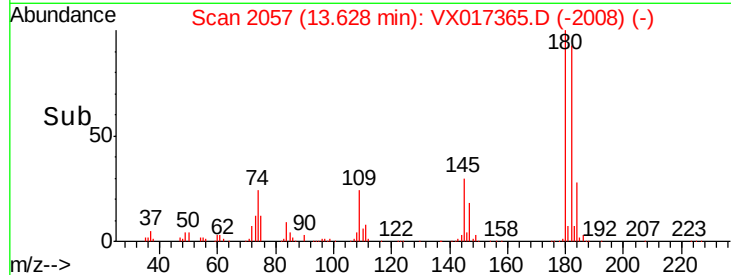
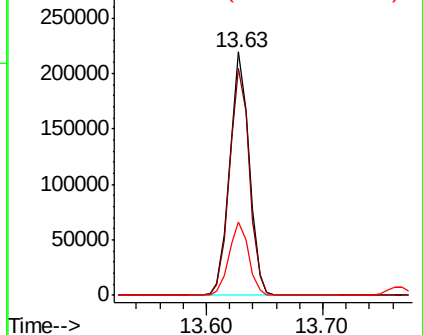
#93
 1,2,4-Trichlorobenzene
 Concen: 50.744 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 255430
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.0
 145 30.3 15.3 45.8

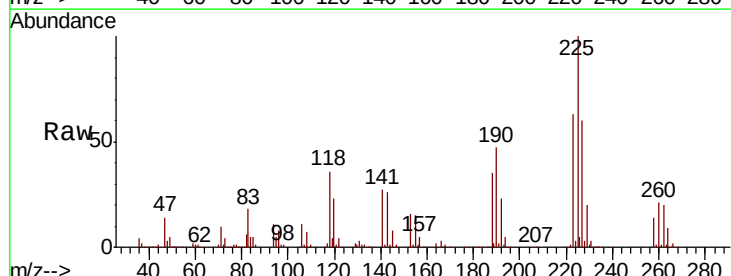


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

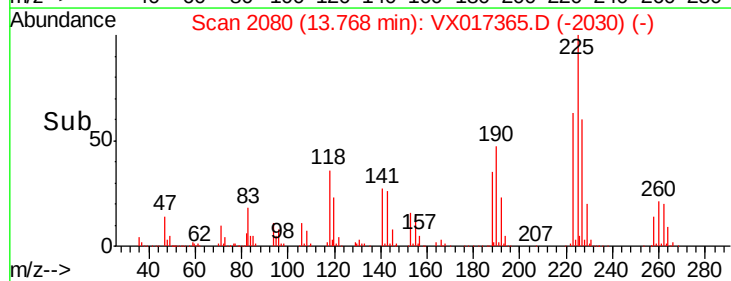
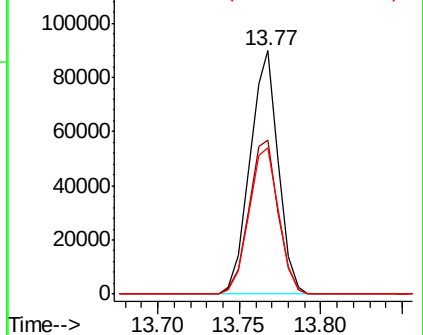


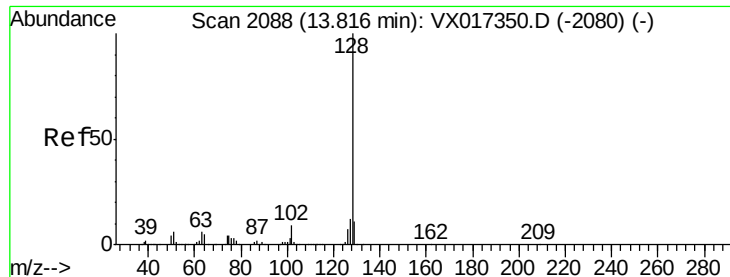
#94
 Hexachlorobutadiene
 Concen: 52.836 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017365.D
 Acq: 14 Jul 2020 09:32

Tgt Ion:225 Resp: 108462
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.3 93.8
 227 63.2 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.376 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

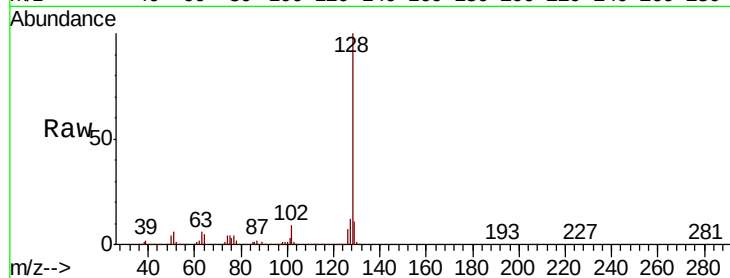
Tot Ion:128 Resp: 775182

Ion Ratio Lower Upper

128 100

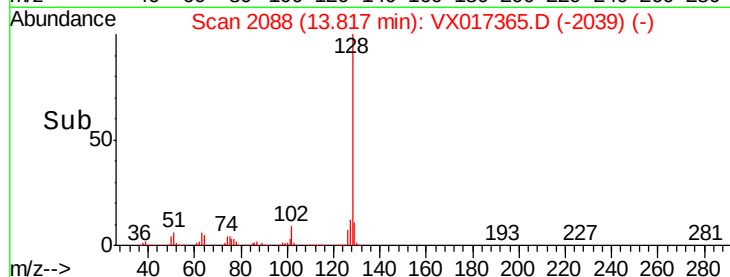
127 12.8 10.2 15.4

129 10.8 8.9 13.3

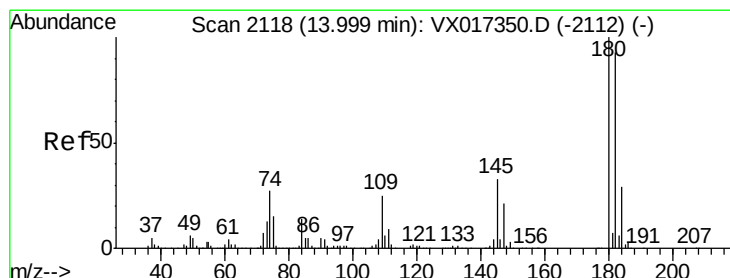


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.82



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 52.006 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017365.D

Acq: 14 Jul 2020 09:32

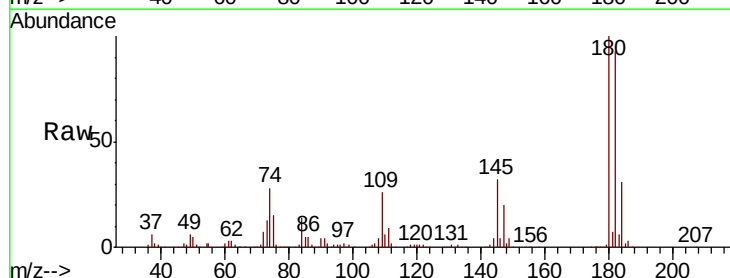
Tgt Ion:180 Resp: 252875

Ion Ratio Lower Upper

180 100

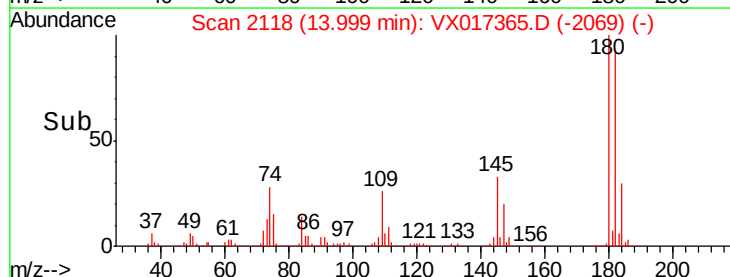
182 92.9 48.8 146.3

145 31.5 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

14.00



Time-->