

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017430.D
 Acq On : 20 Jul 2020 09:50
 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 21 02:10:39 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	5.62	168	342443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	491509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	263725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	174446	40.59	ug/l	0.00
Spiked Amount			Recovery	=	81.18%	
35) Dibromofluoromethane	5.46	113	144044	42.42	ug/l	-0.01
Spiked Amount			Recovery	=	84.84%	
50) Toluene-d8	8.70	98	528434	43.14	ug/l	0.00
Spiked Amount			Recovery	=	86.28%	
62) 4-Bromofluorobenzene	11.12	95	212217	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	141499	48.832	ug/l	99
3) Chloromethane	1.31	50	147053	45.078	ug/l	98
4) Vinyl Chloride	1.39	62	149405	46.295	ug/l	97
5) Bromomethane	1.62	94	77034	36.668	ug/l	99
6) Chloroethane	1.71	64	92379	45.349	ug/l	98
7) Trichlorofluoromethane	1.92	101	249796	45.860	ug/l	96
8) Diethyl Ether	2.17	74	86634	44.995	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137135	44.196	ug/l	98
10) Methyl Iodide	2.49	142	154751	38.218	ug/l	99
11) Tert butyl alcohol	3.01	59	156552	216.195	ug/l	98
12) 1,1-Dichloroethene	2.36	96	128606	41.268	ug/l	96
13) Acrolein	2.27	56	11879	29.926	ug/l	87
14) Allyl chloride	2.70	41	252995	46.853	ug/l	98
15) Acrylonitrile	3.11	53	396899	226.102	ug/l	99
16) Acetone	2.42	43	310884	202.752	ug/l	98
17) Carbon Disulfide	2.55	76	410989	45.209	ug/l	100
18) Methyl Acetate	2.75	43	174954	46.196	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	493362	46.625	ug/l	98
20) Methylene Chloride	2.83	84	164549	43.984	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	163312	45.803	ug/l	95
22) Diisopropyl ether	3.82	45	501162	48.723	ug/l	89
23) Vinyl Acetate	3.78	43	2206824	243.953	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278955	46.146	ug/l	99
25) 2-Butanone	4.63	43	530770	217.942	ug/l	98
26) 2,2-Dichloropropane	4.54	77	261292	46.445	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	174688	44.677	ug/l	97
28) Bromochloromethane	4.98	49	124683	44.649	ug/l	97
29) Tetrahydrofuran	5.09	42	346306	219.673	ug/l	99
30) Chloroform	5.17	83	292724	45.008	ug/l	95
31) Cyclohexane	5.54	56	235547	47.597	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	272075	45.252	ug/l	99
36) 1,1-Dichloropropene	5.76	75	218545	47.135	ug/l	100
37) Ethyl Acetate	4.79	43	213589	44.544	ug/l	99
38) Carbon Tetrachloride	5.75	117	253228	46.647	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	245153	48.689	ug/l	97
40) Benzene	6.11	78	631198	47.369	ug/l	100
41) Methacrylonitrile	5.00	41	122045	47.411	ug/l	96
42) 1,2-Dichloroethane	6.16	62	237396	45.855	ug/l	100
43) Isopropyl Acetate	6.41	43	349897	45.666	ug/l	99
44) Trichloroethene	7.18	130	182981	44.956	ug/l	93
45) 1,2-Dichloropropane	7.49	63	164616	48.281	ug/l	100
46) Dibromomethane	7.63	93	113933	46.333	ug/l	97
47) Bromodichloromethane	7.87	83	240547	46.790	ug/l	100
48) Methyl methacrylate	7.74	41	175167	47.641	ug/l	98
49) 1,4-Dioxane	7.71	88	72429	962.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1086590	232.580	ug/l	99
52) Toluene	8.76	92	406961	47.592	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	266389	48.098	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	283371	47.971	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	168763	47.329	ug/l	99
56) Ethyl methacrylate	9.16	69	244991	48.395	ug/l	99
57) 1,3-Dichloropropane	9.35	76	276987	46.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	667688	259.760	ug/l	99
59) 2-Hexanone	9.47	43	849110	240.804	ug/l	99
60) Dibromochloromethane	9.56	129	203878	46.803	ug/l	99
61) 1,2-Dibromoethane	9.65	107	180089	46.427	ug/l	99
64) Tetrachloroethene	9.32	164	171324	40.272	ug/l	98
65) Chlorobenzene	10.12	112	458759	45.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	180852	45.477	ug/l	98
67) Ethyl Benzene	10.23	91	792024	47.632	ug/l	99
68) m/p-Xylenes	10.34	106	621562	98.244	ug/l	97
69) o-Xylene	10.68	106	289814	47.940	ug/l	99
70) Styrene	10.70	104	520143	50.123	ug/l	99
71) Bromoform	10.84	173	155123	46.226	ug/l	99
73) Isopropylbenzene	11.00	105	793194	47.979	ug/l	98
74) N-amyl acetate	10.88	43	331884	50.167	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	238074	47.429	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	225997m	46.376	ug/l	
77) Bromobenzene	11.24	156	212862	45.207	ug/l	96
78) n-propylbenzene	11.34	91	934569	50.335	ug/l	100
79) 2-Chlorotoluene	11.40	91	548323	47.923	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	680965	48.524	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	87670	45.637	ug/l	95
82) 4-Chlorotoluene	11.49	91	664166	48.980	ug/l	100
83) tert-Butylbenzene	11.76	119	679770	50.109	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	688302	48.549	ug/l	99
85) sec-Butylbenzene	11.93	105	794903	50.050	ug/l	100
86) p-Isopropyltoluene	12.05	119	747773	49.760	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384781	45.681	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	389599	45.782	ug/l	100
89) n-Butylbenzene	12.37	91	639969	49.934	ug/l	99
90) Hexachloroethane	12.58	117	135903	47.635	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	366565	46.309	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54440	41.103	ug/l	96

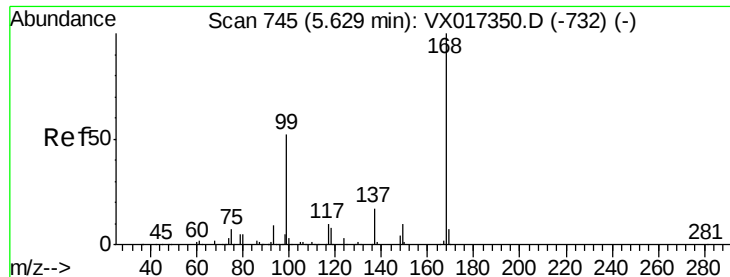
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	250333	45.559	ug/l	99
94) Hexachlorobutadiene	13.76	225	103205	46.057	ug/l	99
95) Naphthalene	13.82	128	760619	47.080	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	241351	45.471	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

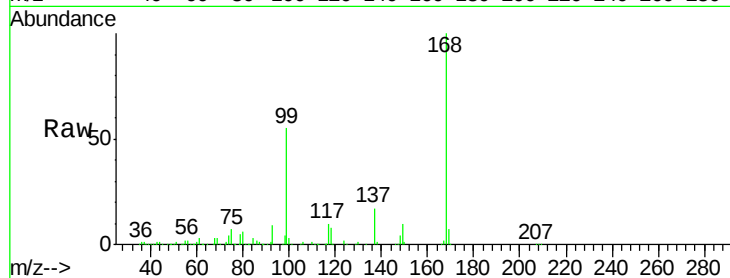
VSTDCCC050

Tot Ion:168 Resp: 342443

Ion Ratio Lower Upper

168 100

99 55.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

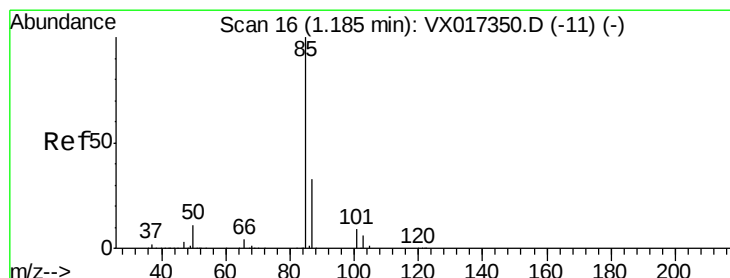
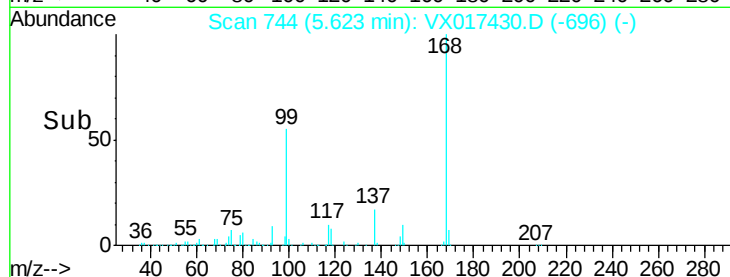
5.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.832 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017430.D

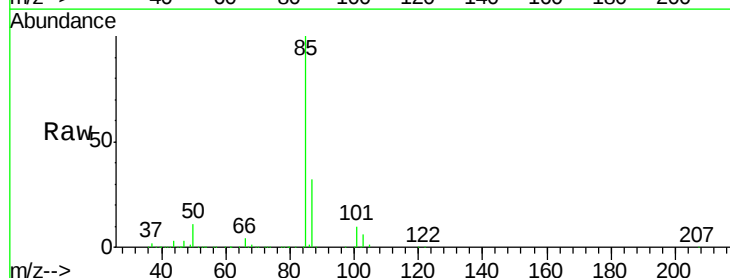
Acq: 20 Jul 2020 09:50

Tgt Ion: 85 Resp: 141499

Ion Ratio Lower Upper

85 100

87 32.2 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

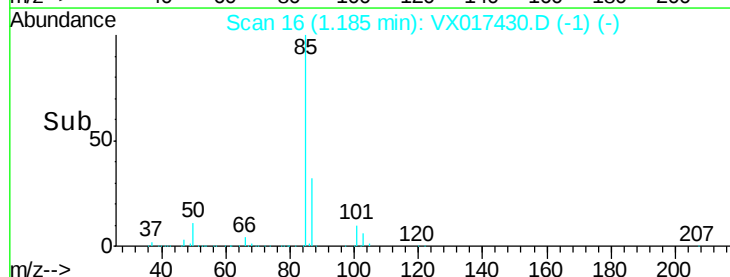
150000

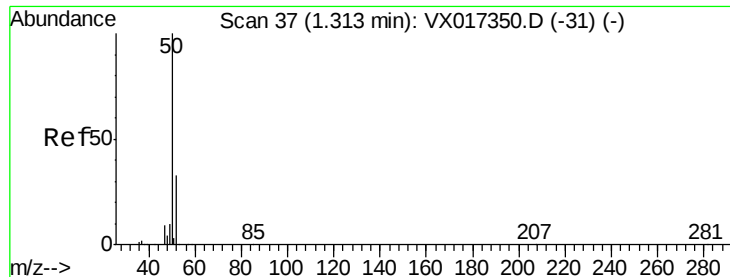
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Time-->

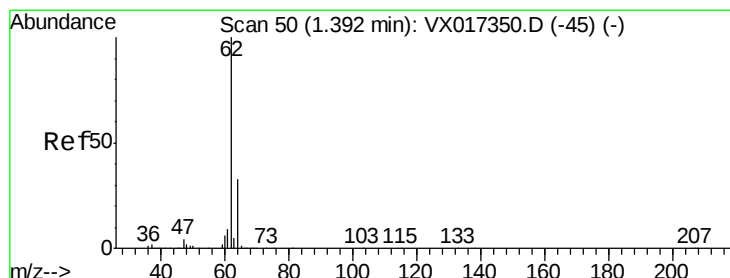
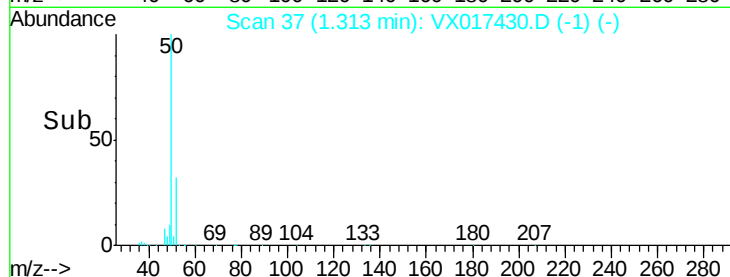
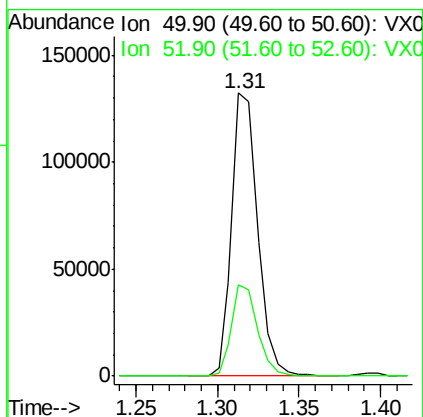
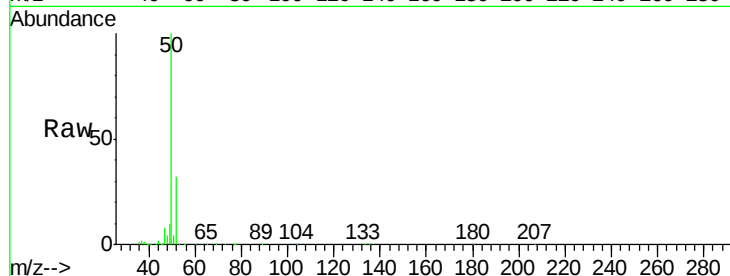




#3
Chloromethane
Concen: 45.078 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

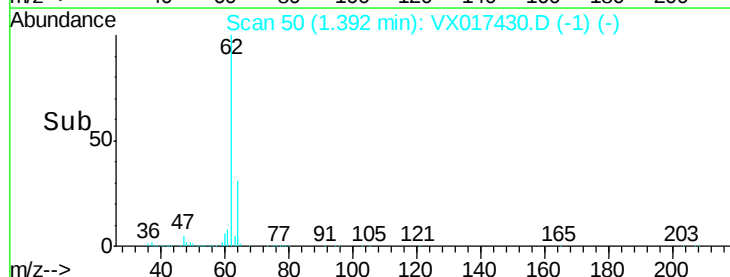
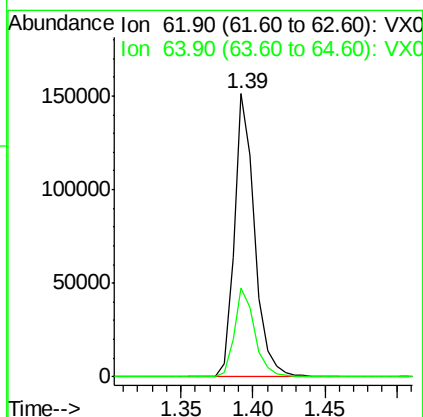
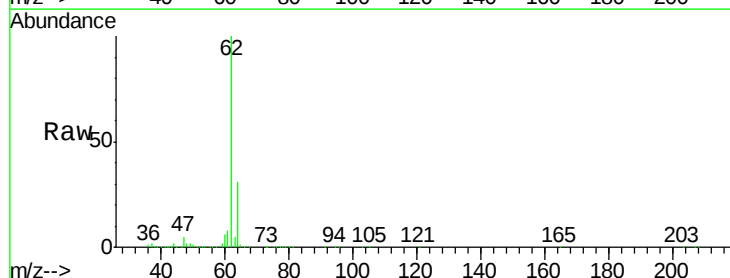
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

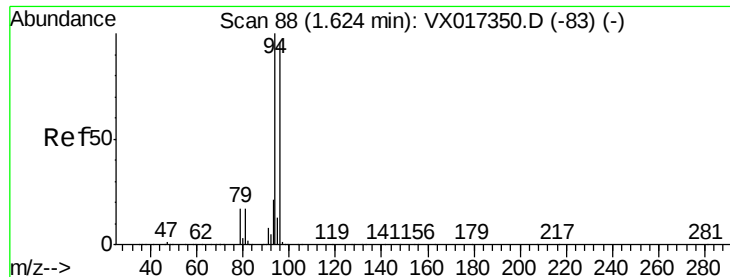
Tot Ion: 50 Resp: 147053
Ion Ratio Lower Upper
50 100
52 32.3 26.7 40.1



#4
Vinyl Chloride
Concen: 46.295 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 62 Resp: 149405
Ion Ratio Lower Upper
62 100
64 31.4 26.3 39.5





#5

Bromomethane

Concen: 36.668 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

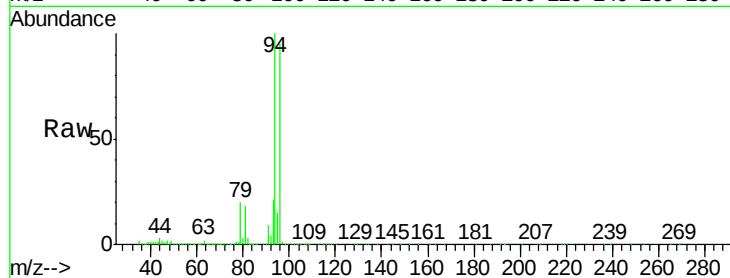
VSTDCCC050

Tot Ion: 94 Resp: 77034

Ion Ratio Lower Upper

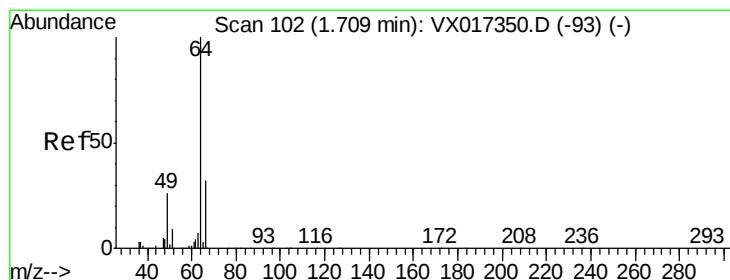
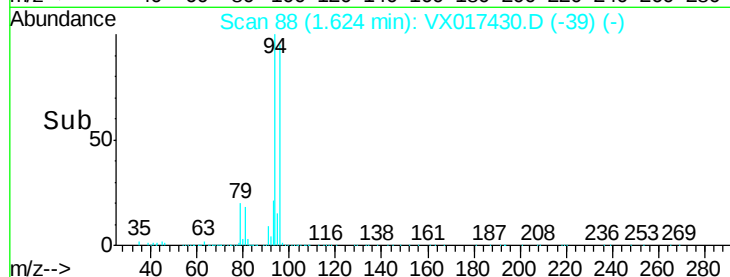
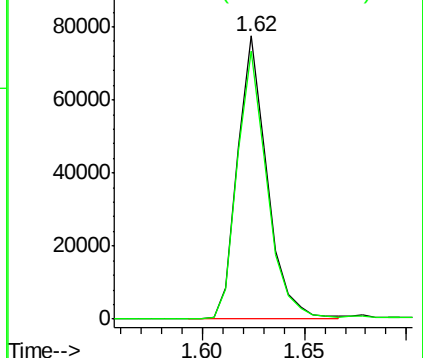
94 100

96 94.5 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.349 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017430.D

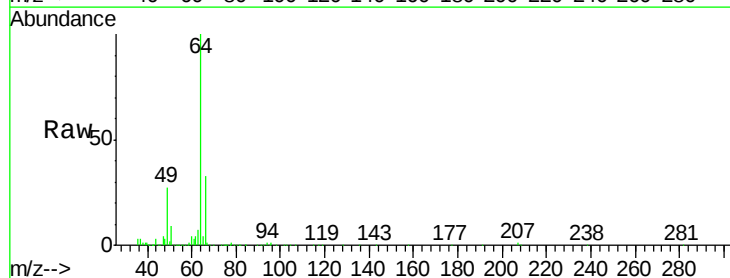
Acq: 20 Jul 2020 09:50

Tgt Ion: 64 Resp: 92379

Ion Ratio Lower Upper

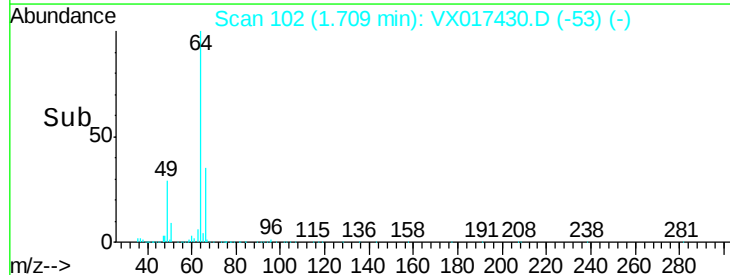
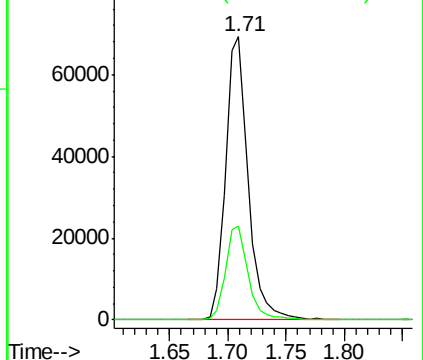
64 100

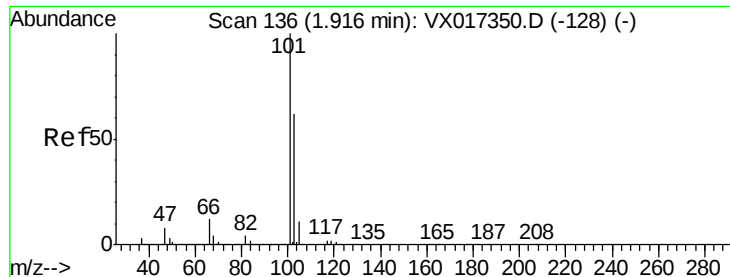
66 33.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



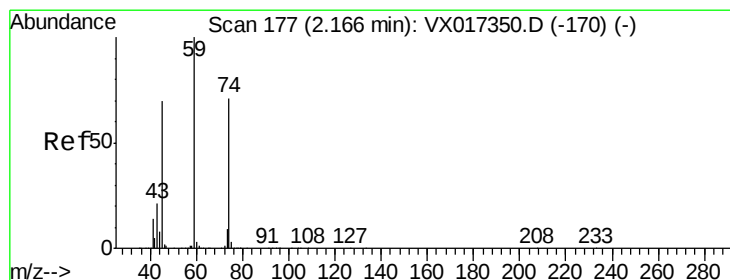
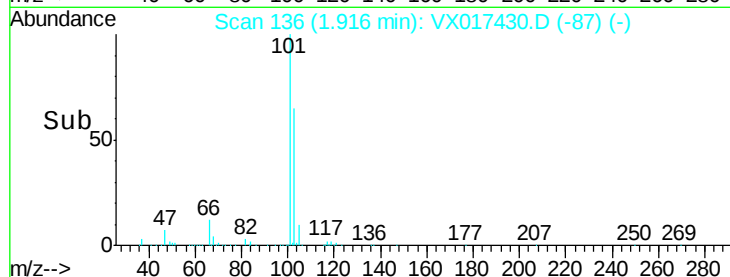
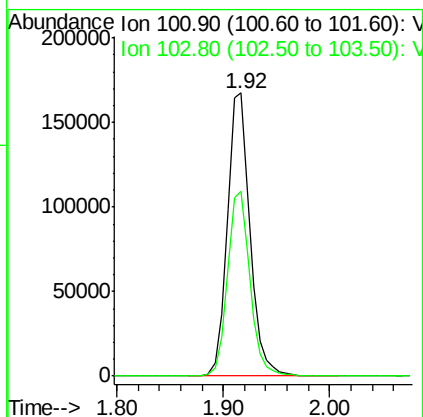
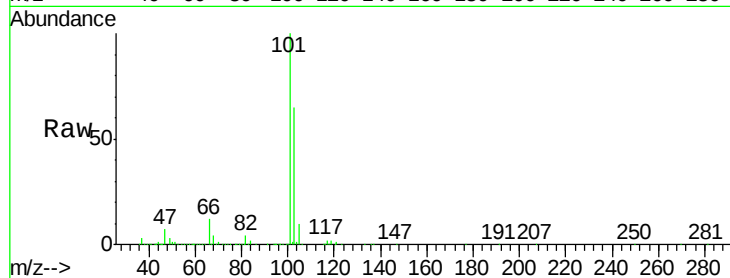


#7

Trichlorofluoromethane
Concen: 45.860 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Instrument :
MSVOA_X
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VSTDCCC050

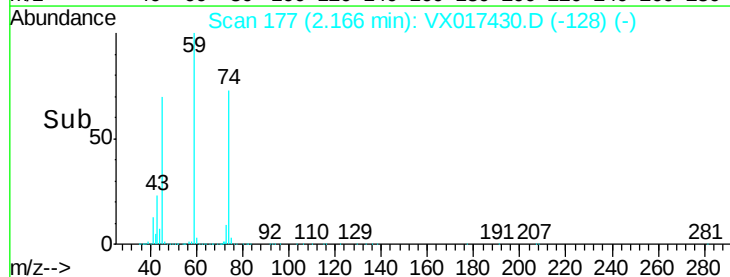
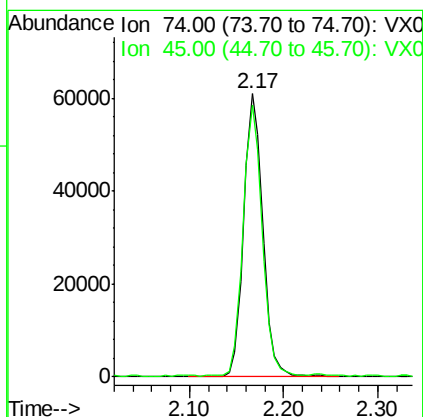
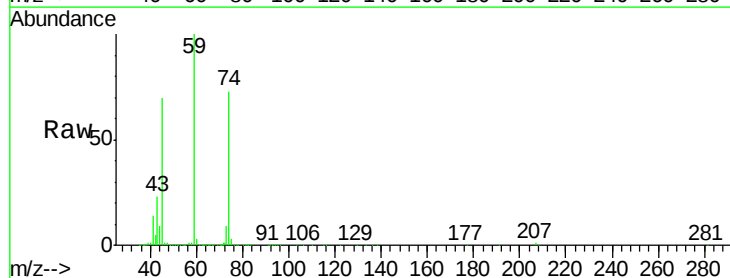
Tot Ion:101 Resp: 249796
Ion Ratio Lower Upper
101 100
103 65.2 49.6 74.4

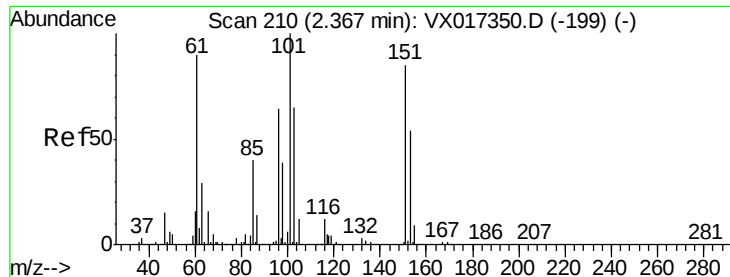


#8

Diethyl Ether
Concen: 44.995 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 74 Resp: 86634
Ion Ratio Lower Upper
74 100
45 95.1 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.196 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

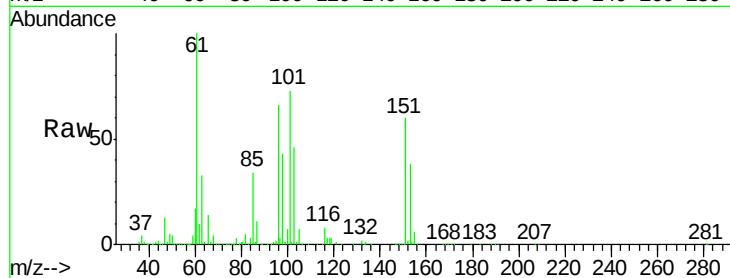
Tot Ion:101 Resp: 137135

Ion Ratio Lower Upper

101 100

85 44.7 33.7 50.5

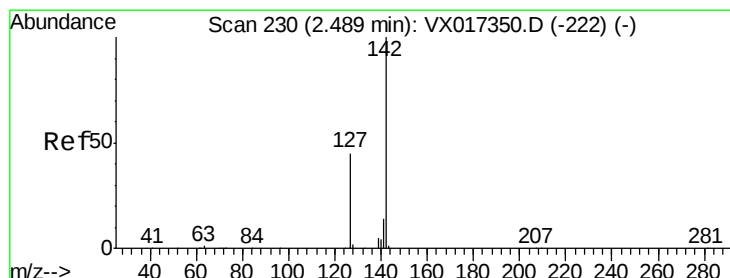
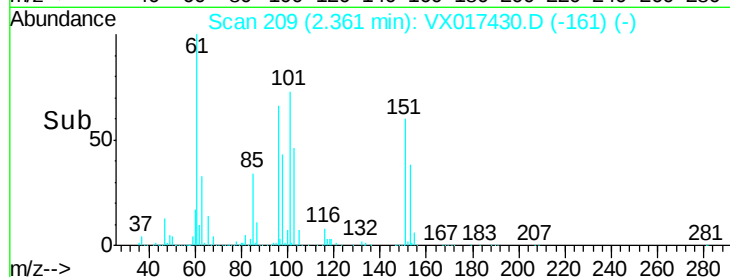
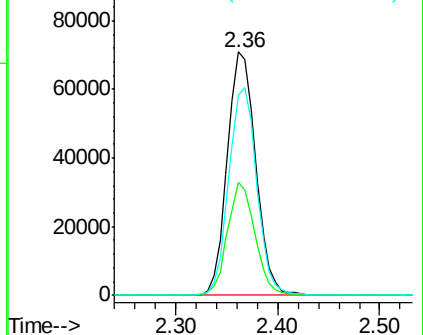
151 83.8 66.4 99.6



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: 38.218 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

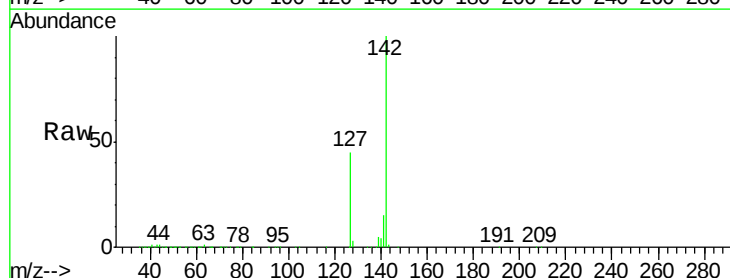
Tgt Ion:142 Resp: 154751

Ion Ratio Lower Upper

142 100

127 45.5 36.8 55.2

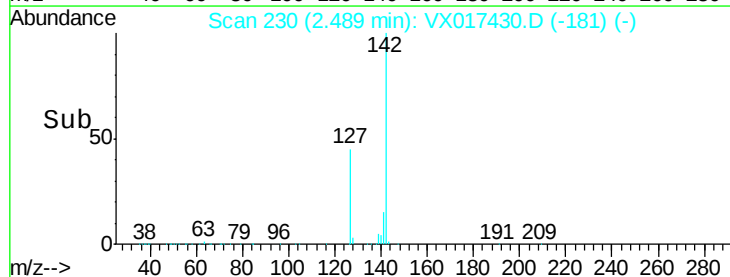
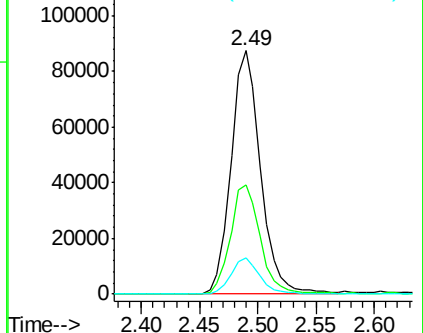
141 14.6 11.4 17.0

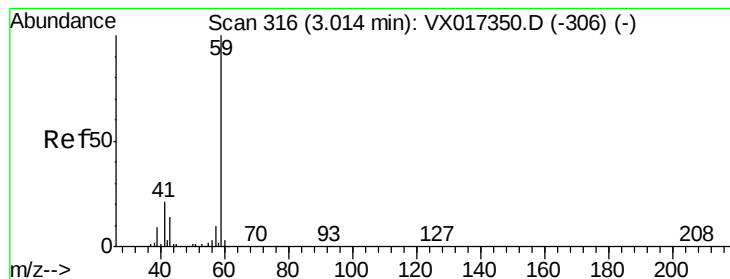


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



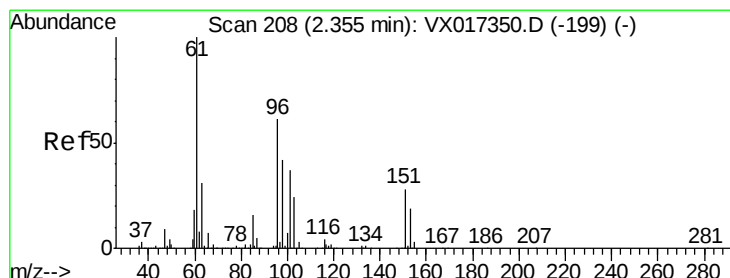
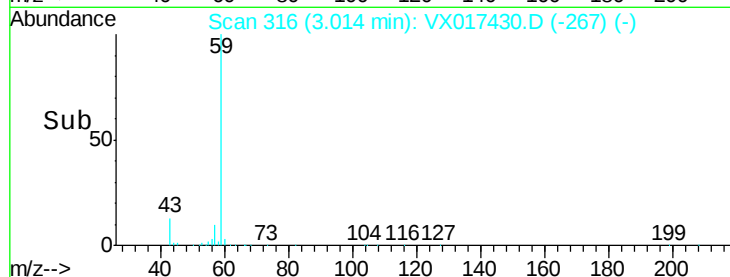
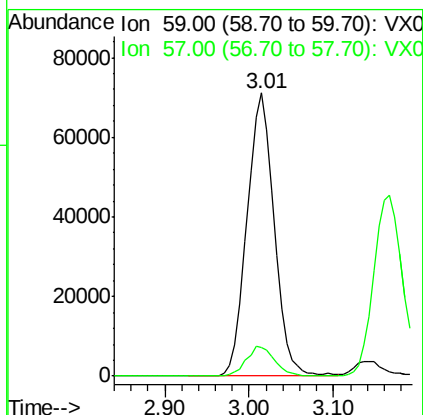
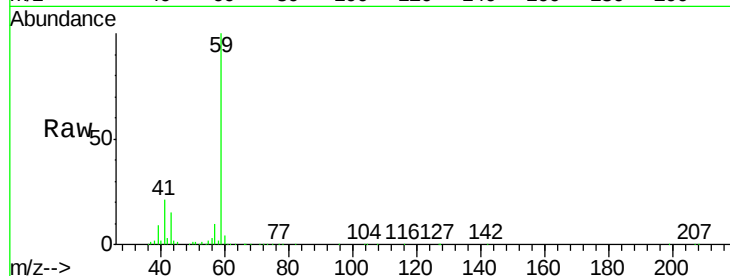


#11

Tert butyl alcohol
Concen: 216.195 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

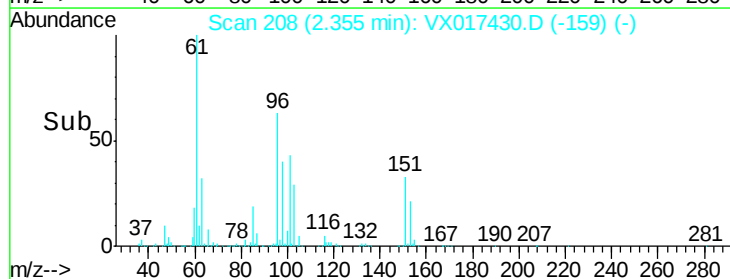
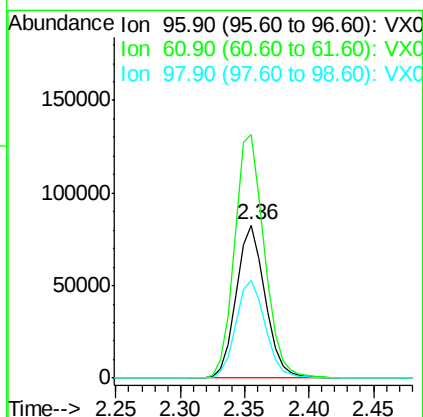
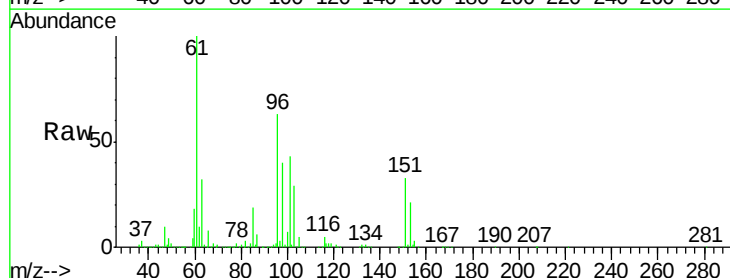
Tot Ion: 59 Resp: 156552
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5

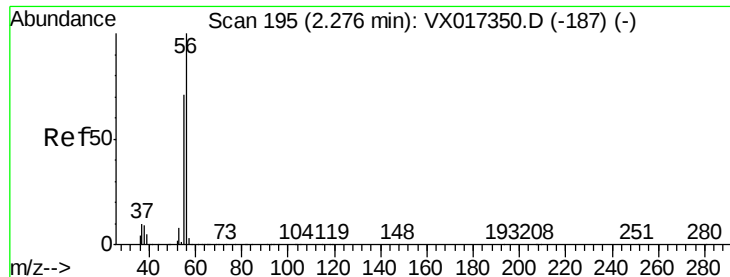


#12

1,1-Dichloroethene
Concen: 41.268 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 96 Resp: 128606
Ion Ratio Lower Upper
96 100
61 159.4 131.5 197.3
98 64.0 55.1 82.7





#13

Acrolein

Concen: 29.926 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

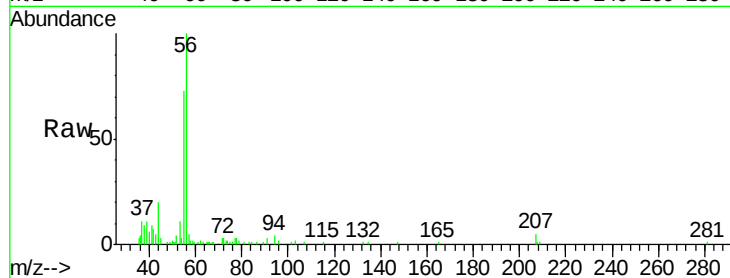
VSTDCCC050

Tot Ion: 56 Resp: 11879

Ion Ratio Lower Upper

56 100

55 82.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

8000

6000

4000

2000

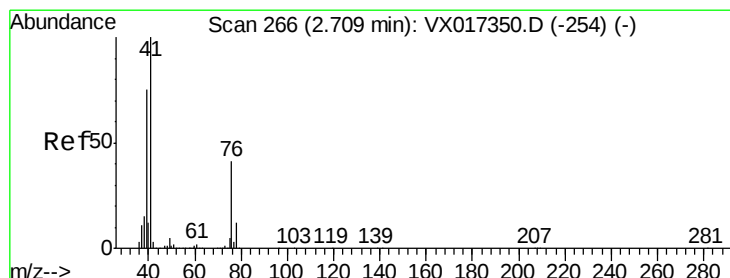
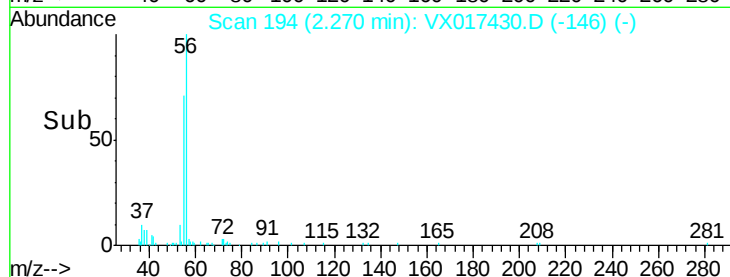
0

2.20

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 46.853 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

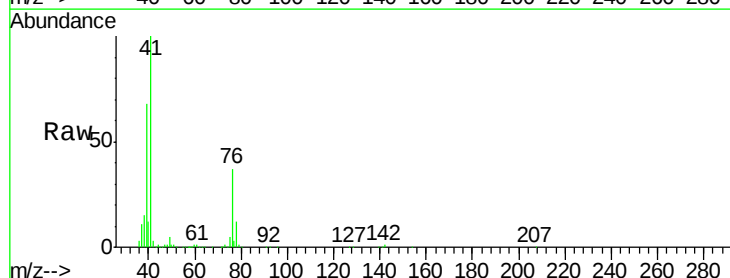
Tgt Ion: 41 Resp: 252995

Ion Ratio Lower Upper

41 100

39 63.9 53.0 79.4

76 34.3 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

100000

50000

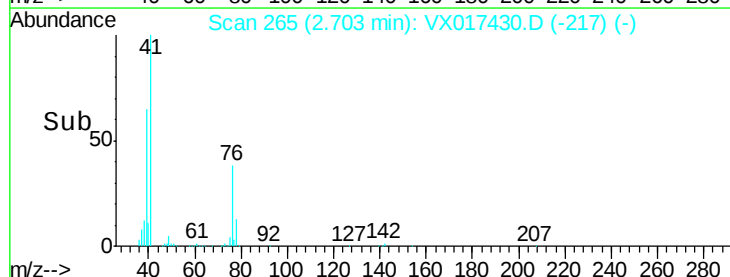
0

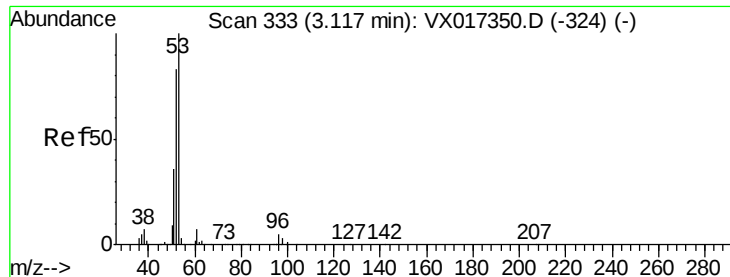
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 226.102 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

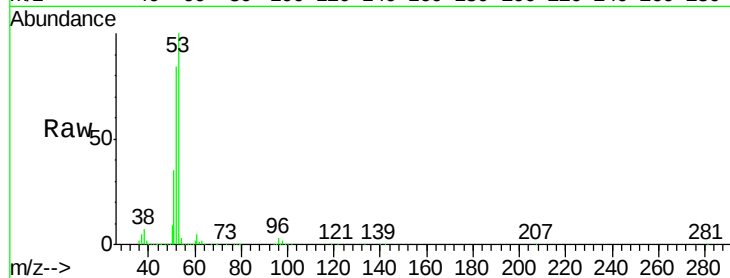
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 396899

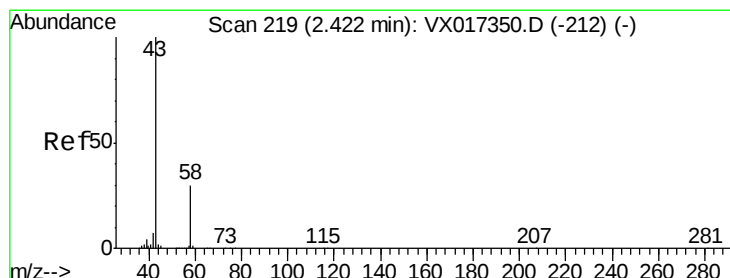
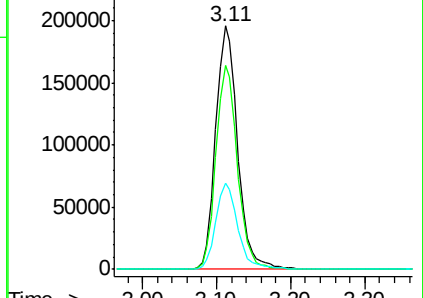
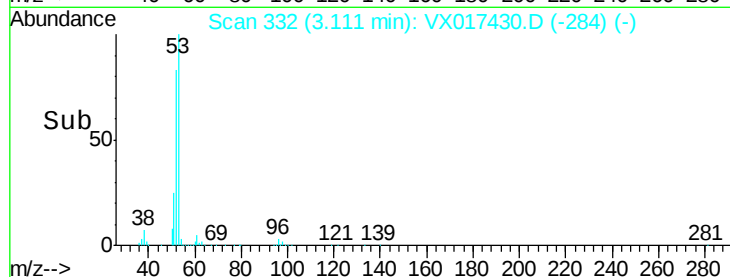
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	35.7	29.2	43.8



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: 202.752 ug/l

RT: 2.42 min Scan# 218

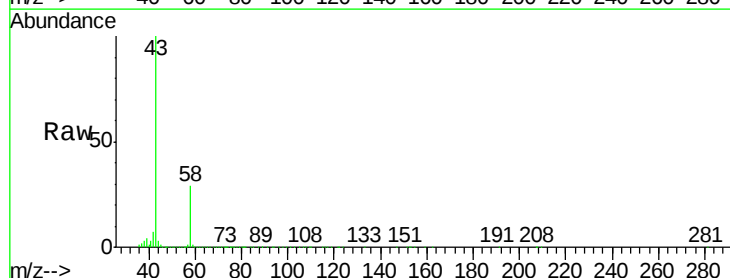
Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

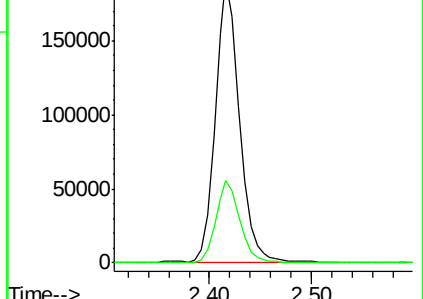
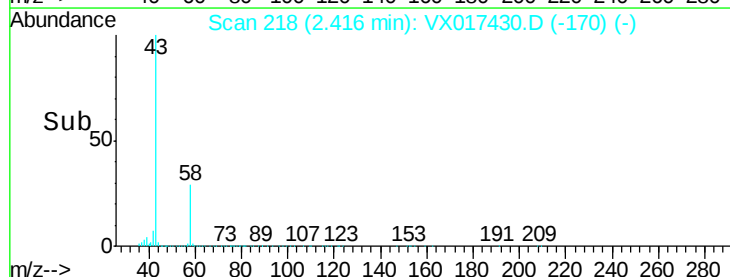
Tgt Ion: 43 Resp: 310884

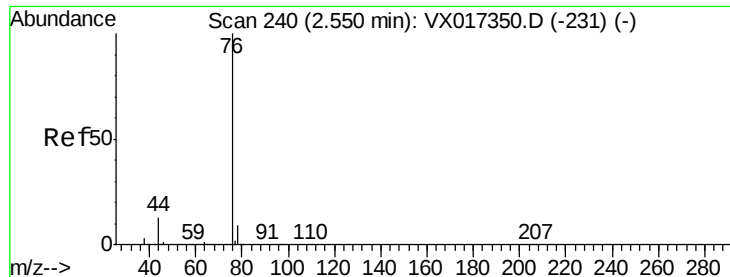
Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.2	36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.209 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

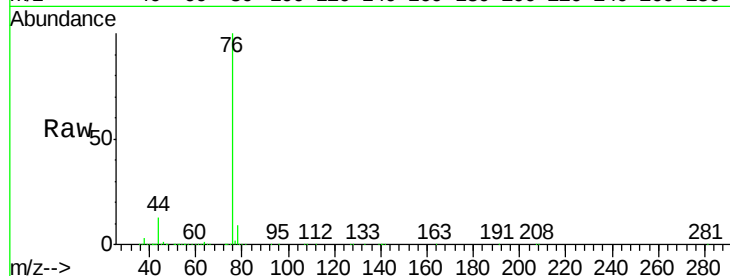
VSTDCCC050

Tot Ion: 76 Resp: 410989

Ion Ratio Lower Upper

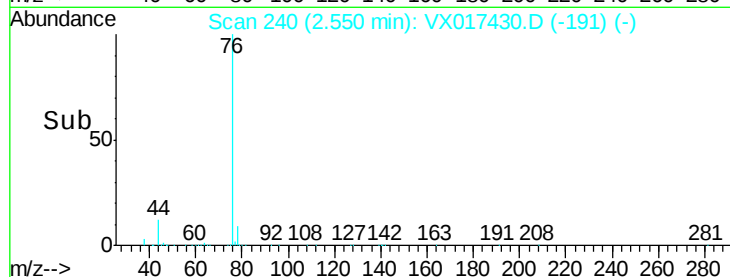
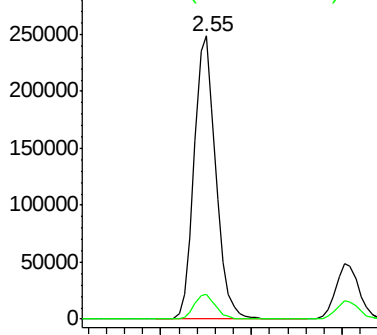
76 100

78 8.9 7.3 10.9

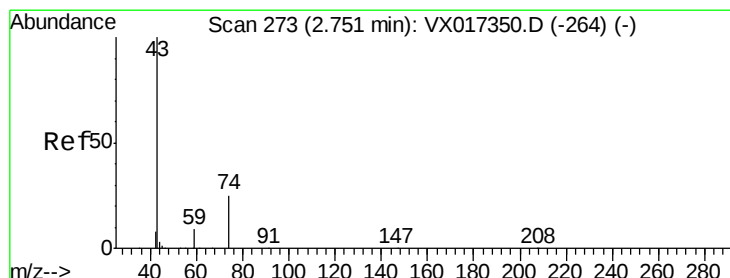


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 46.196 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017430.D

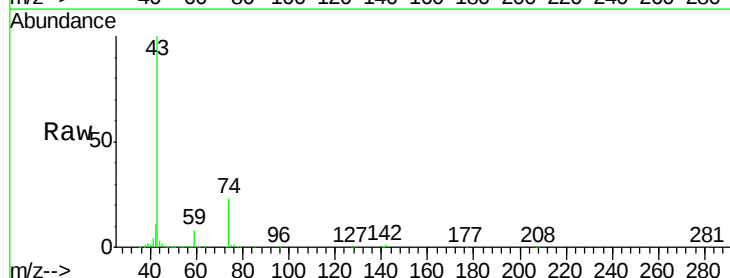
Acq: 20 Jul 2020 09:50

Tgt Ion: 43 Resp: 174954

Ion Ratio Lower Upper

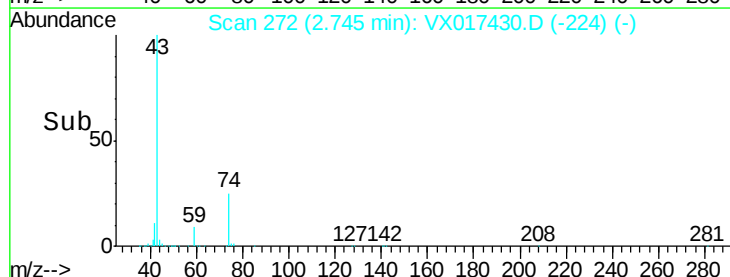
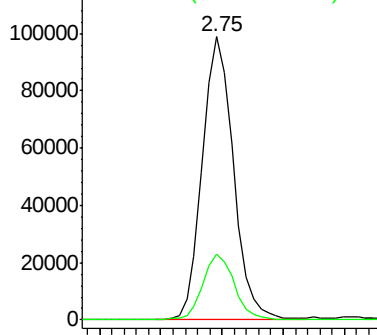
43 100

74 23.9 19.4 29.2

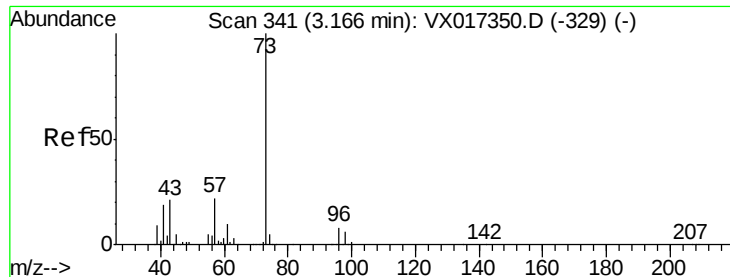


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->

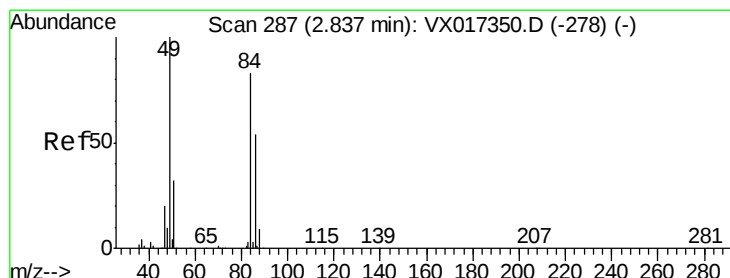
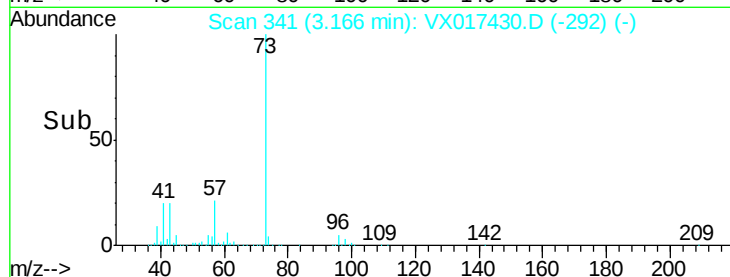
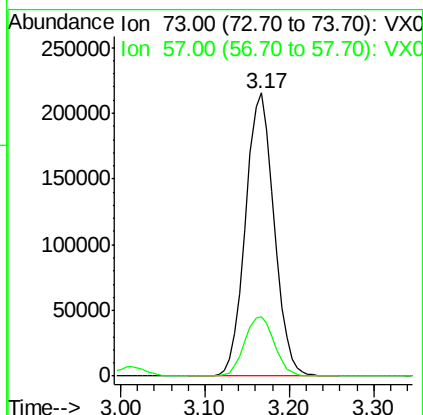
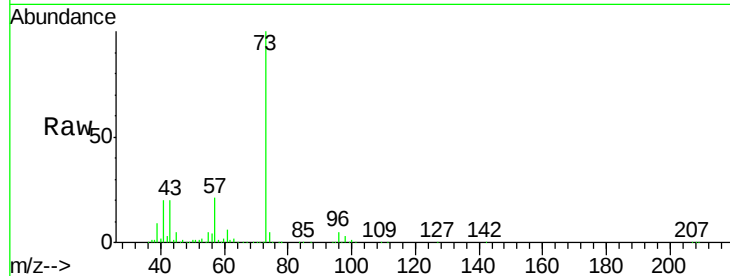


#19

Methyl tert-butyl Ether
 Concen: 46.625 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

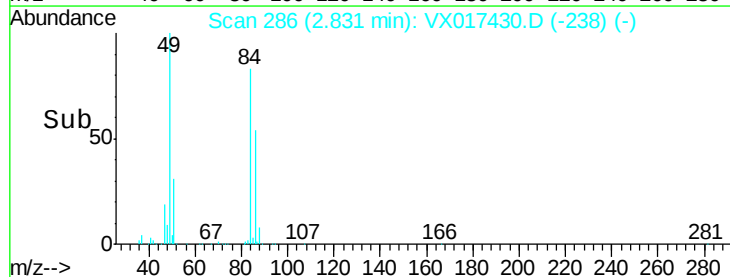
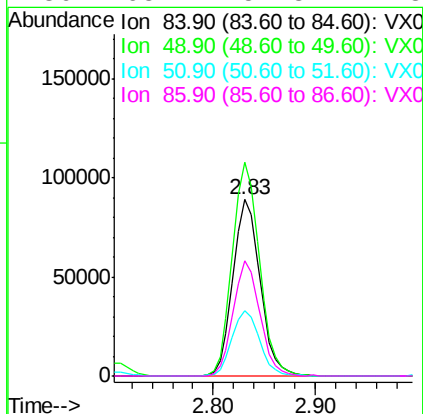
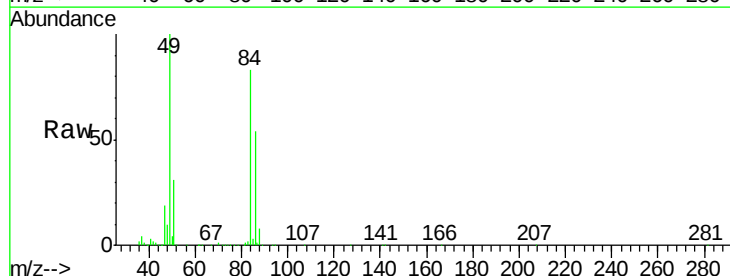
Tot Ion: 73 Resp: 493362
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.5 26.3

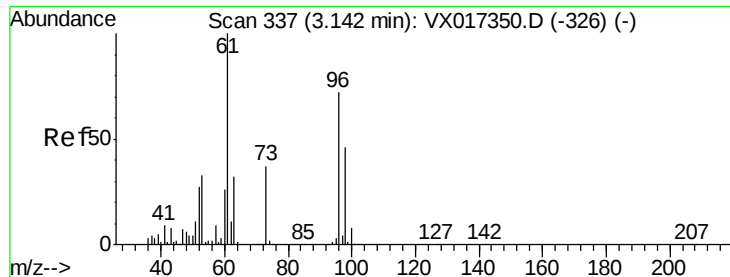


#20

Methylene Chloride
 Concen: 43.984 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion: 84 Resp: 164549
 Ion Ratio Lower Upper
 84 100
 49 121.0 95.8 143.8
 51 37.1 31.0 46.4
 86 65.1 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 45.803 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

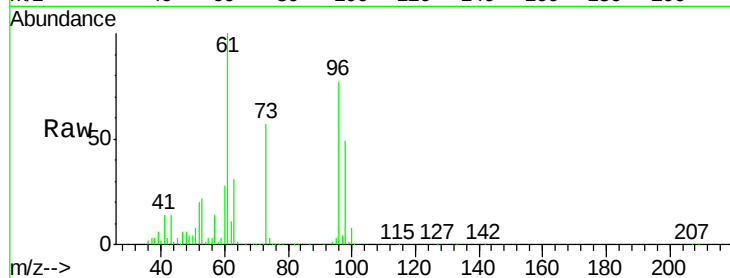
Tot Ion: 96 Resp: 163312

Ion Ratio Lower Upper

96 100

61 130.6 111.1 166.7

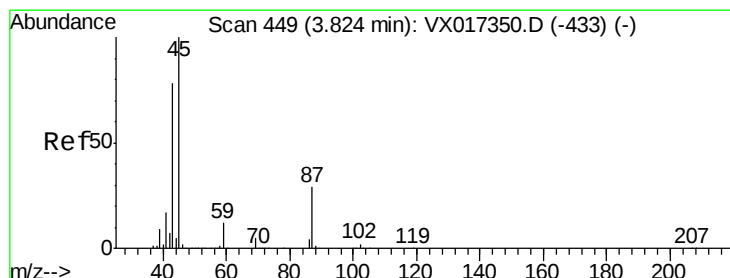
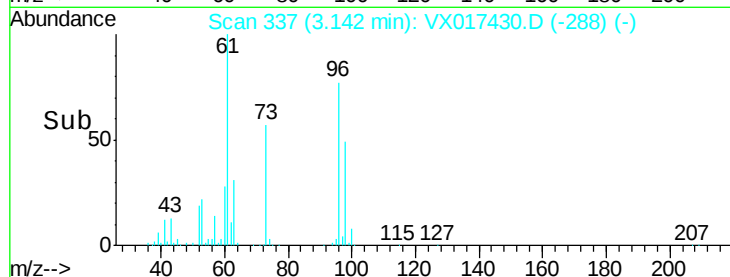
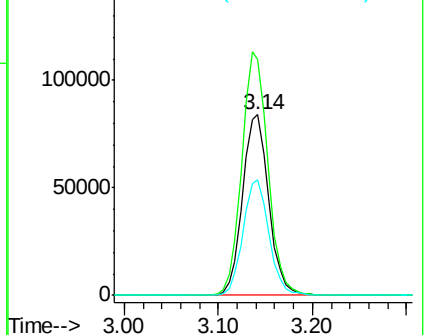
98 64.4 51.4 77.0



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: 48.723 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Tgt Ion: 45 Resp: 501162

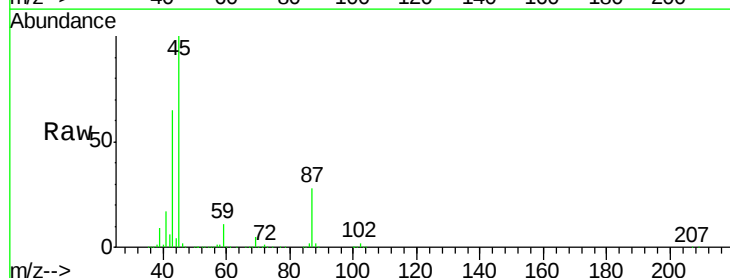
Ion Ratio Lower Upper

45 100

43 63.6 62.2 93.2

87 27.7 23.0 34.6

59 10.7 9.6 14.4

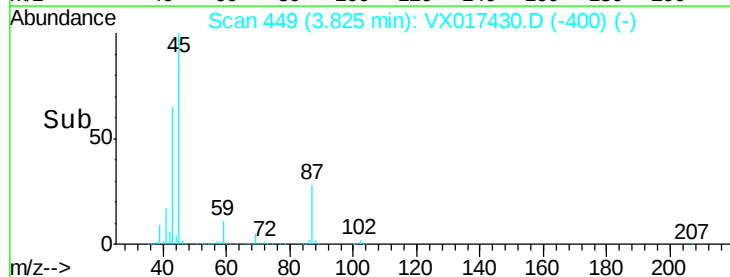
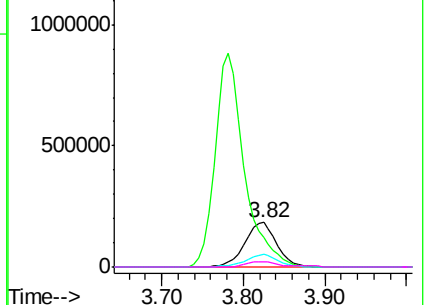


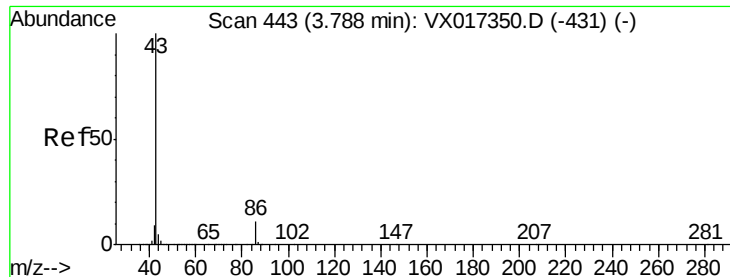
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 243.953 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

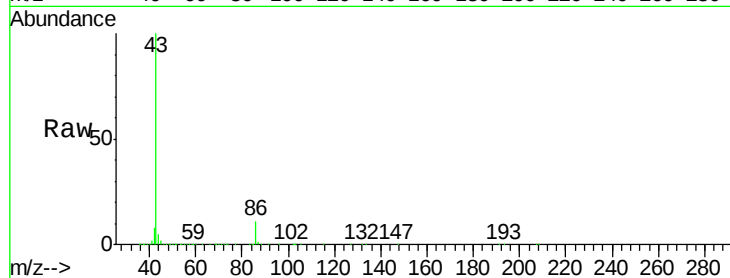
VSTDCCC050

Tot Ion: 43 Resp: 2206824

Ion Ratio Lower Upper

43 100

86 10.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

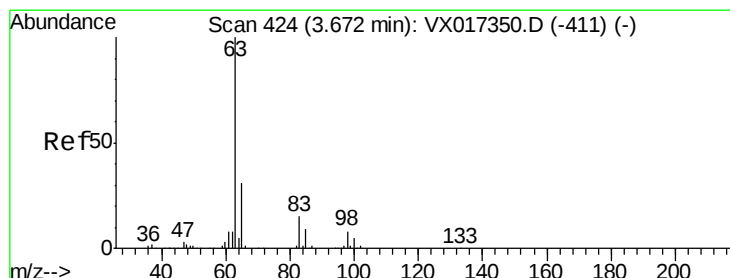
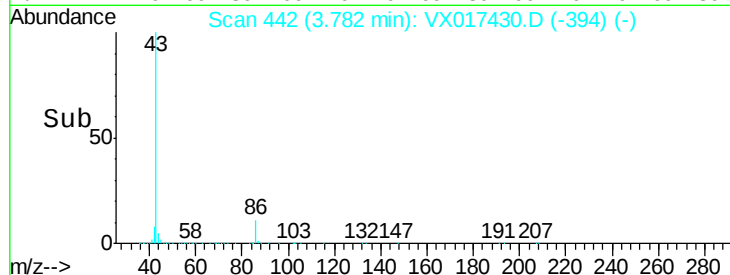
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.146 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

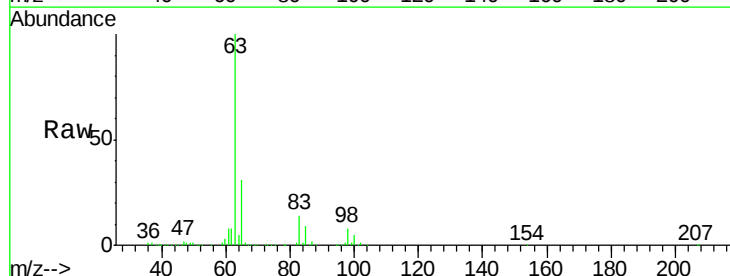
Tgt Ion: 63 Resp: 278955

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

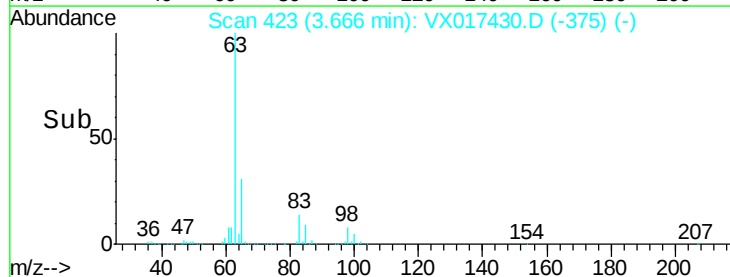
150000

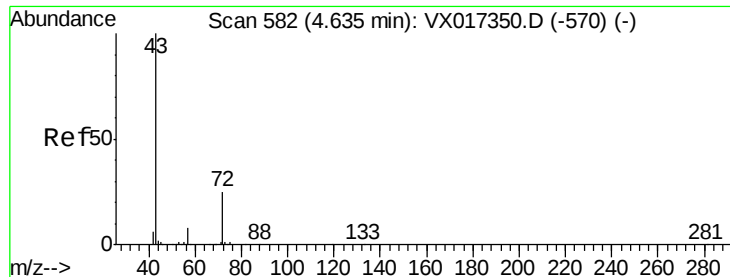
100000

50000

0

Time-->





#25

2-Butanone

Concen: 217.942 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

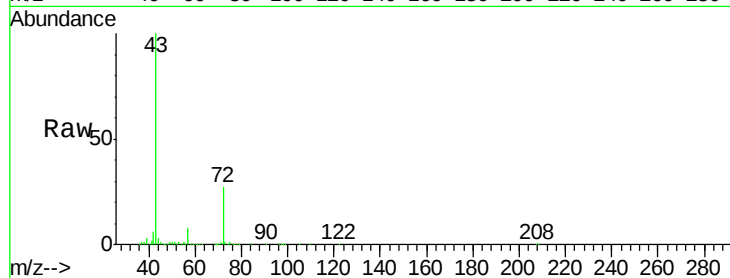
VSTDCCC050

Tot Ion: 43 Resp: 530770

Ion Ratio Lower Upper

43 100

72 26.6 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

150000

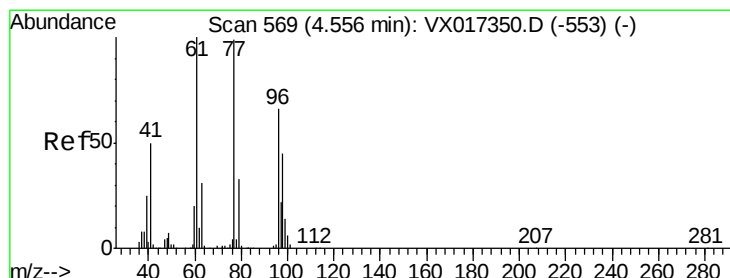
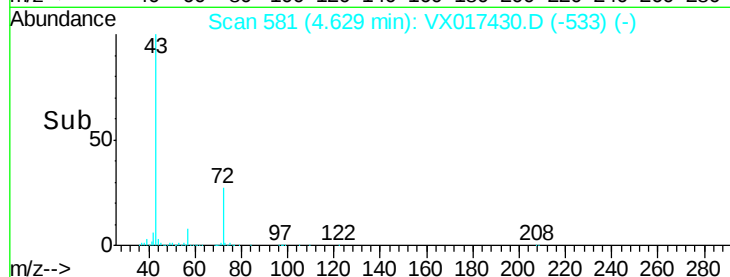
100000

50000

0

Time-->

4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 46.445 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017430.D

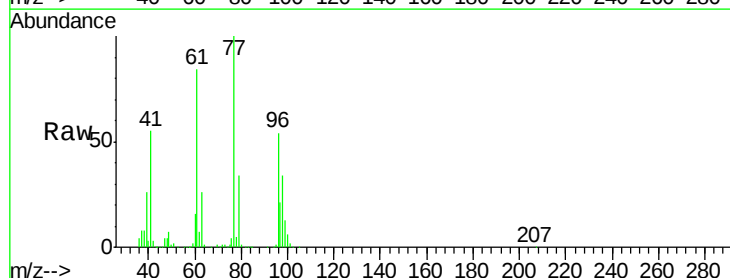
Acq: 20 Jul 2020 09:50

Tgt Ion: 77 Resp: 261292

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

100000

80000

60000

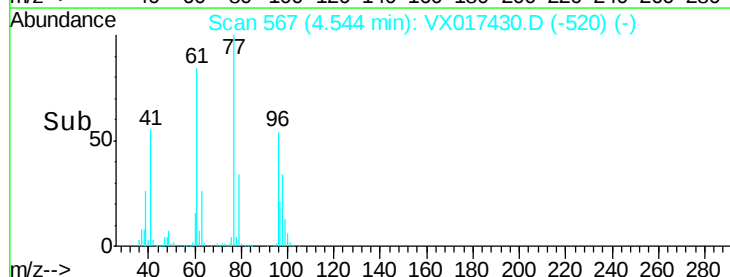
40000

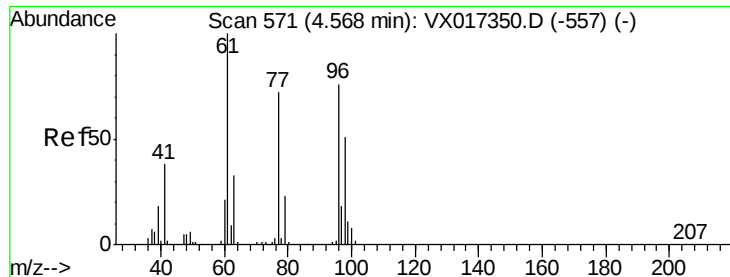
20000

0

Time-->

4.40 4.50 4.60 4.70



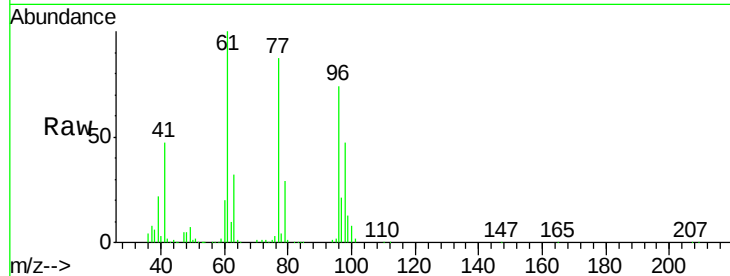


#27

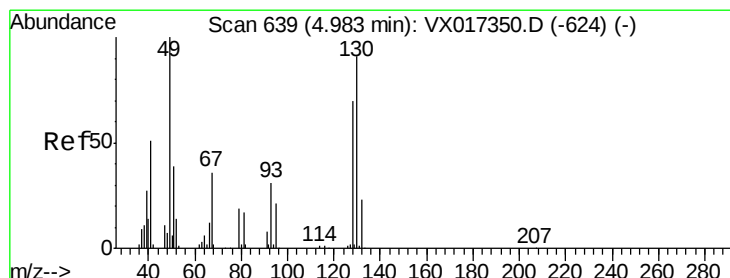
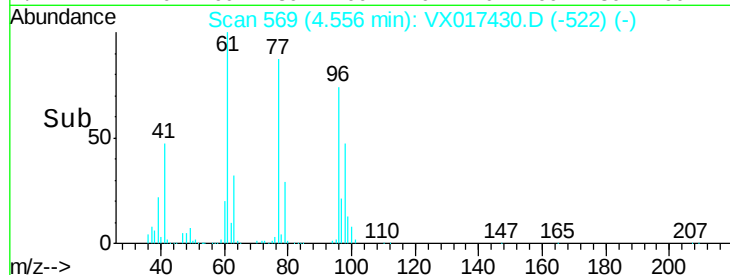
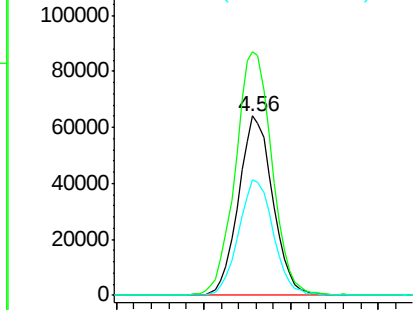
cis-1,2-Dichloroethene
 Concen: 44.677 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 174688
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 281.2
 98 65.4 0.0 131.4



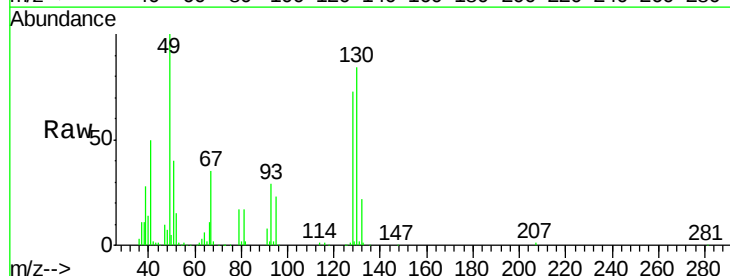
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



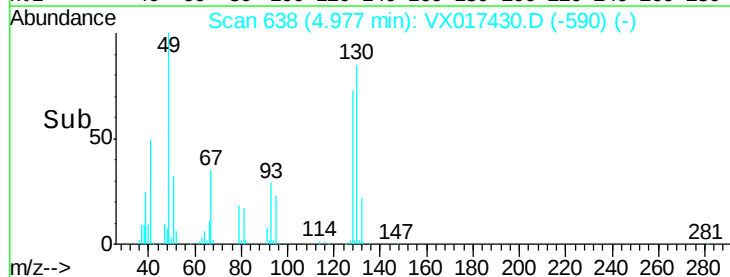
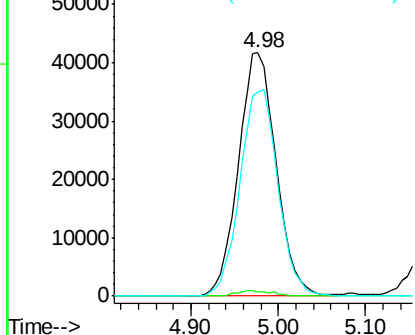
#28

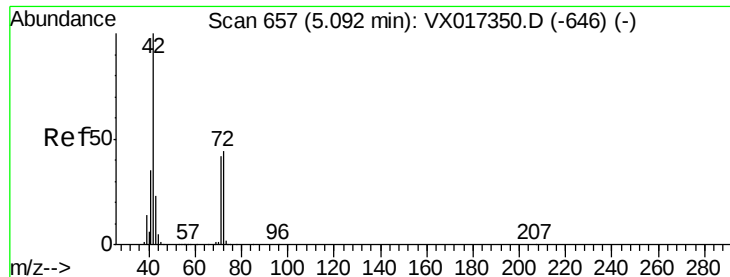
Bromochloromethane
 Concen: 44.649 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion: 49 Resp: 124683
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 85.8 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

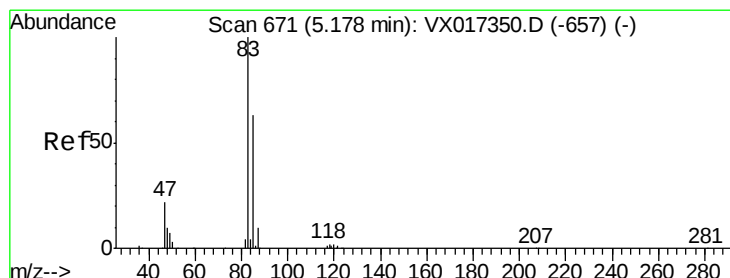
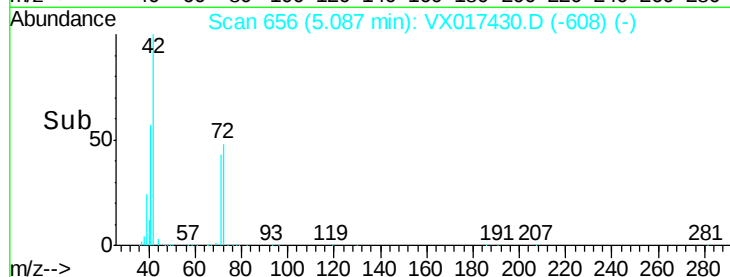
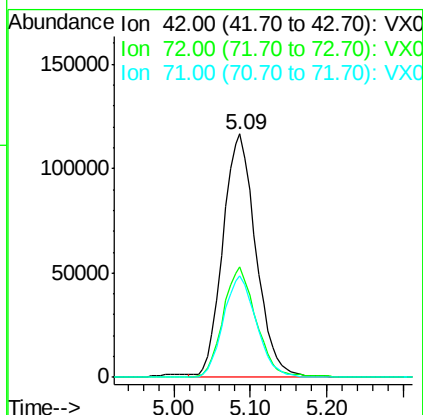
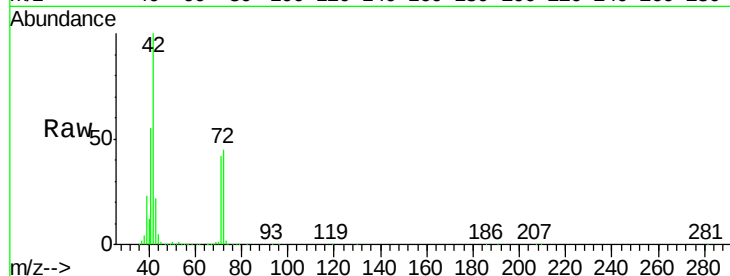




#29
Tetrahydrofuran
Concen: 219.673 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

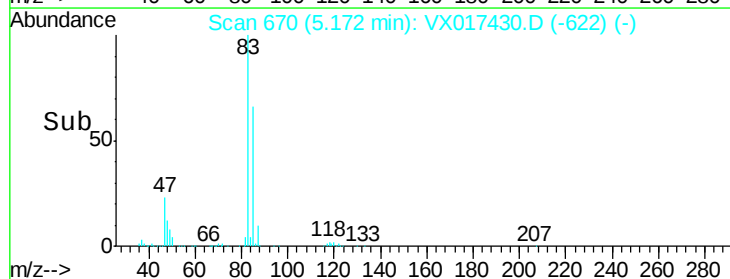
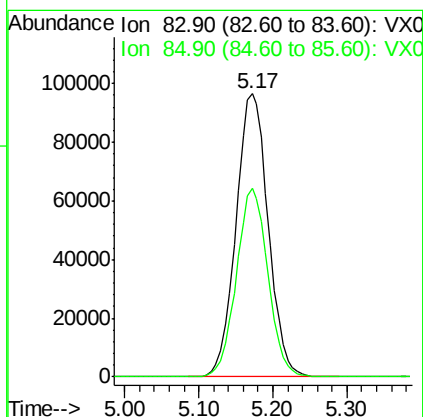
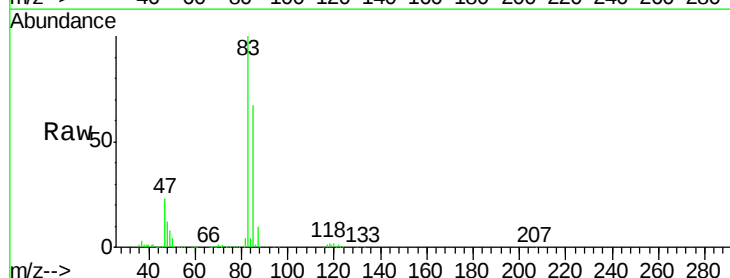
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

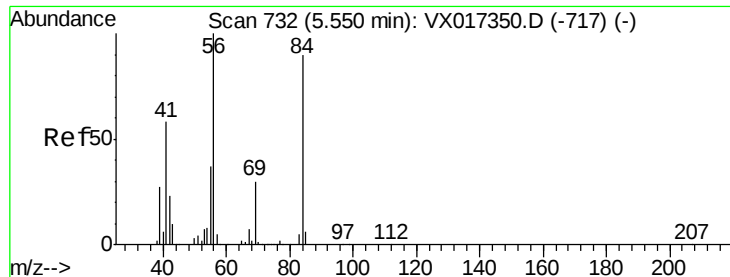
Tot Ion: 42 Resp: 346306
Ion Ratio Lower Upper
42 100
72 45.7 37.2 55.8
71 41.9 34.4 51.6



#30
Chloroform
Concen: 45.008 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 83 Resp: 292724
Ion Ratio Lower Upper
83 100
85 66.5 50.2 75.4

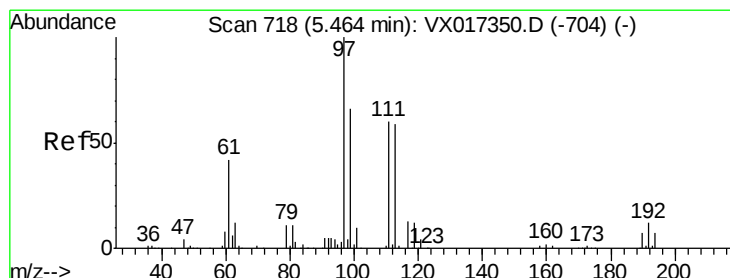
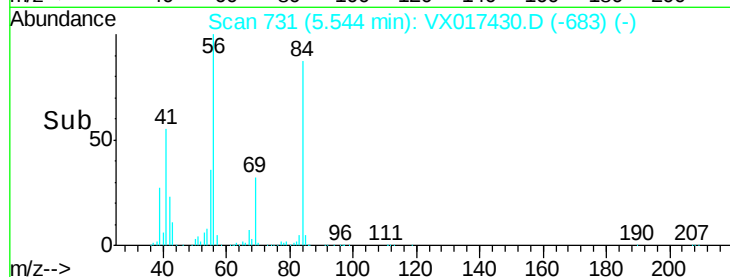
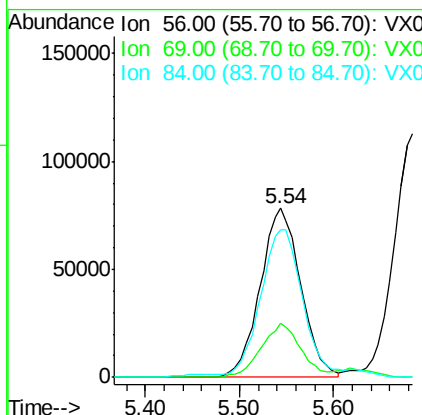
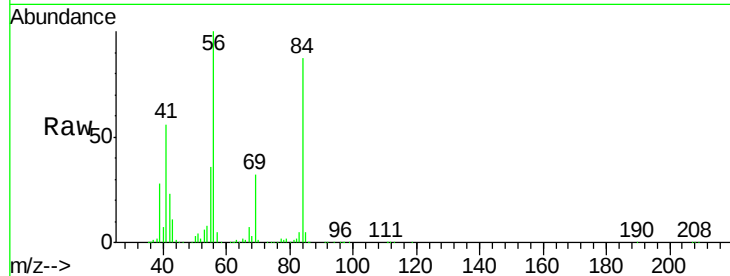




#31
Cyclohexane
Concen: 47.597 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

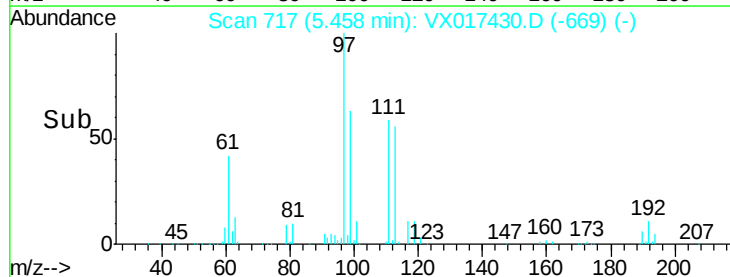
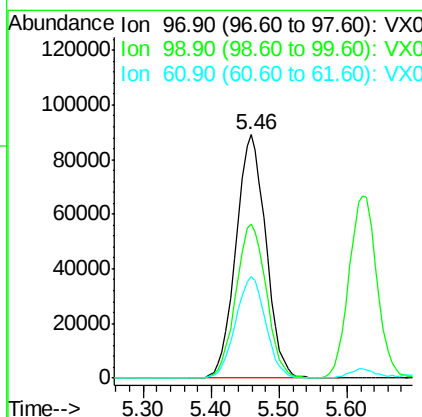
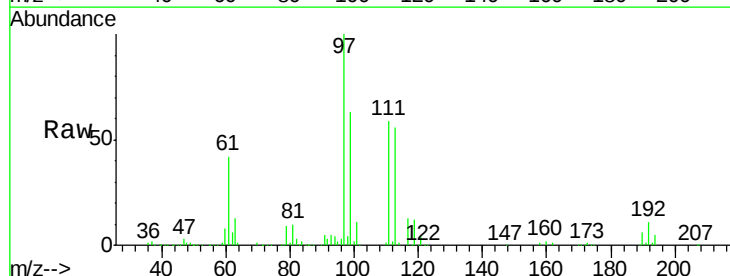
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

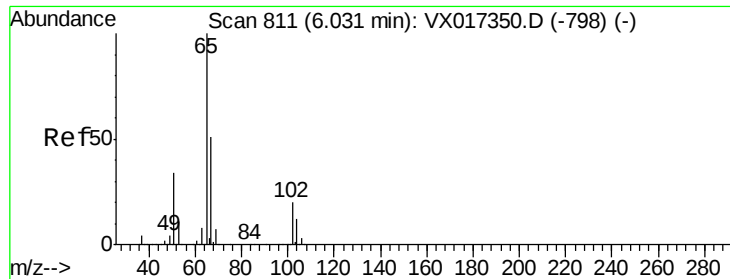
Tot Ion: 56 Resp: 235547
Ion Ratio Lower Upper
56 100
69 31.8 23.7 35.5
84 85.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 45.252 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 97 Resp: 272075
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 42.0 32.7 49.1

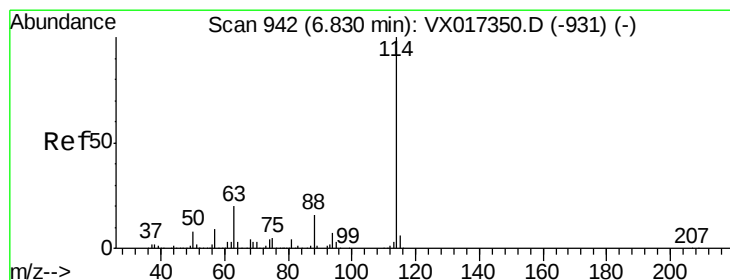
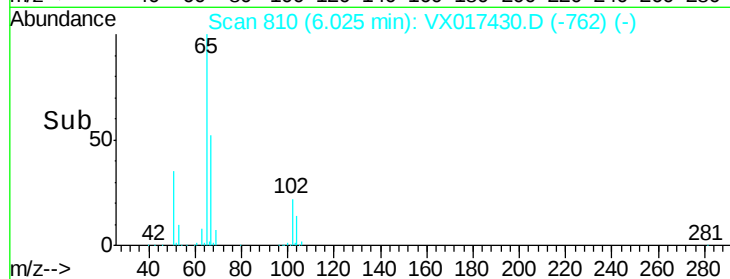
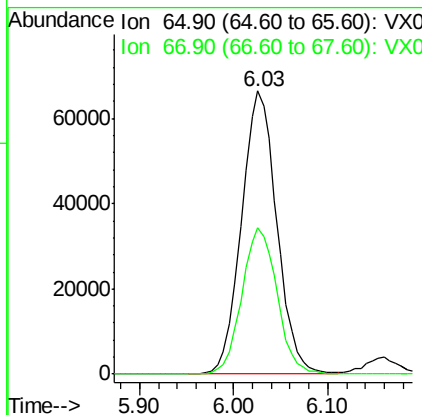
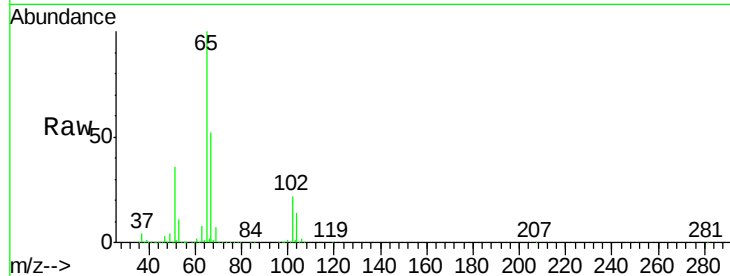




#33
 1,2-Dichloroethane-d4
 Concen: 40.588 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

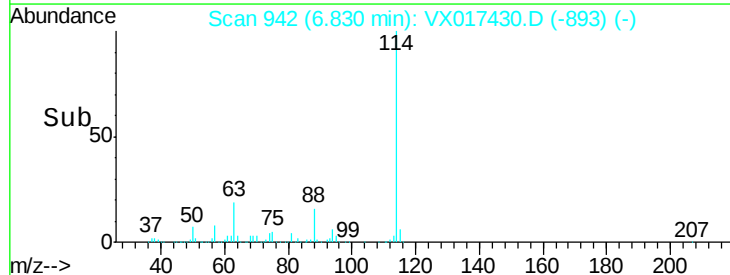
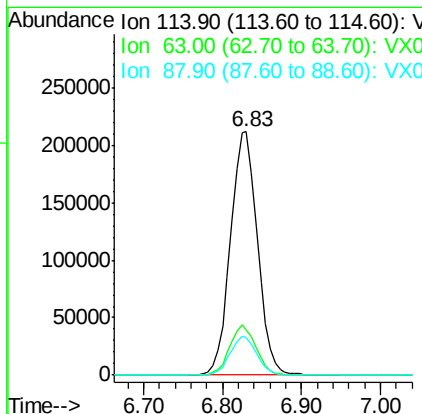
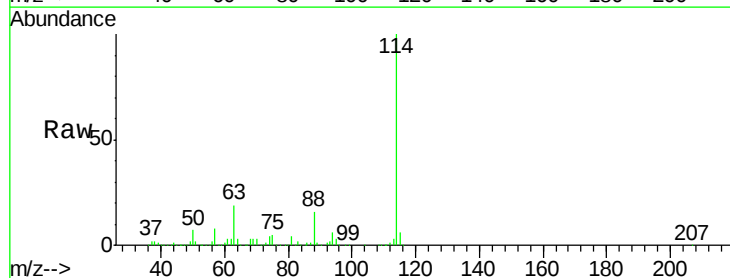
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

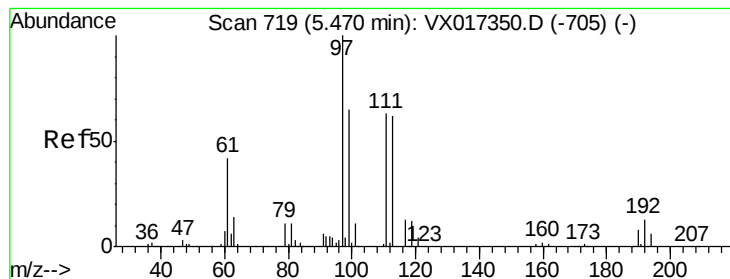
Tot Ion: 65 Resp: 174446
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion: 114 Resp: 504079
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.0
 88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 42.421 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

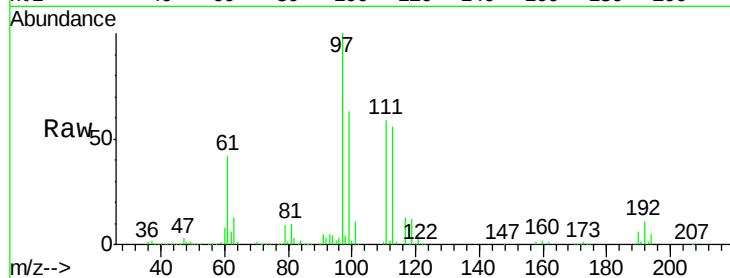
Tot Ion:113 Resp: 144044

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

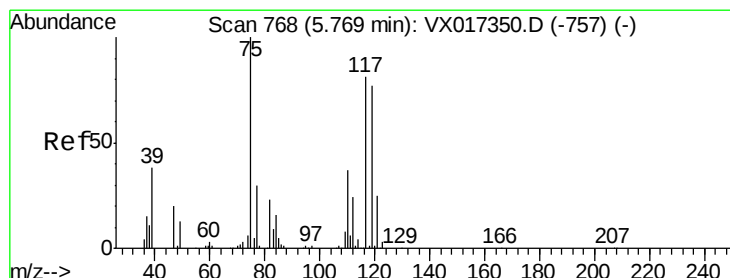
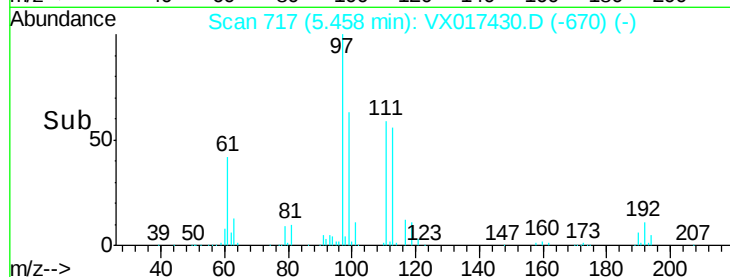
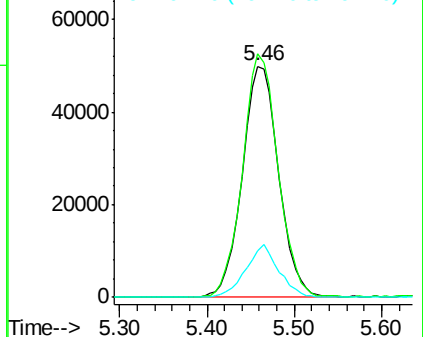
192 20.8 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.135 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

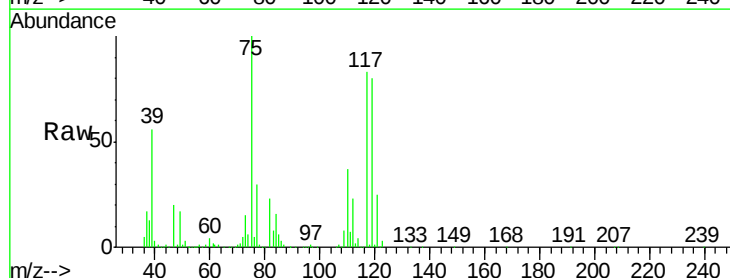
Tgt Ion: 75 Resp: 218545

Ion Ratio Lower Upper

75 100

110 37.0 18.6 55.8

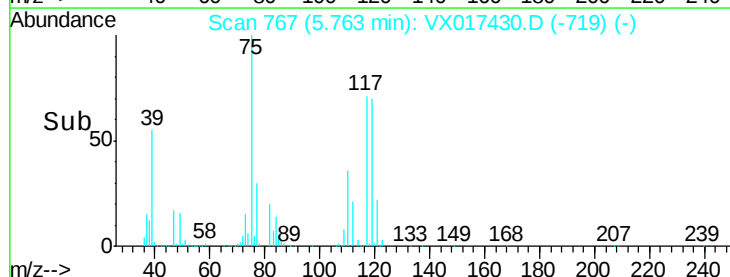
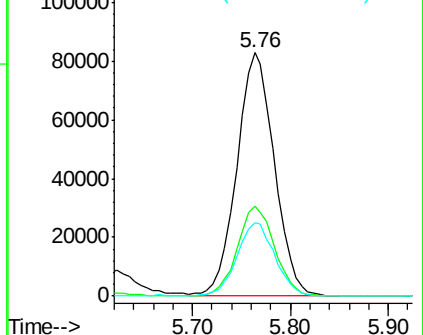
77 30.9 24.9 37.3

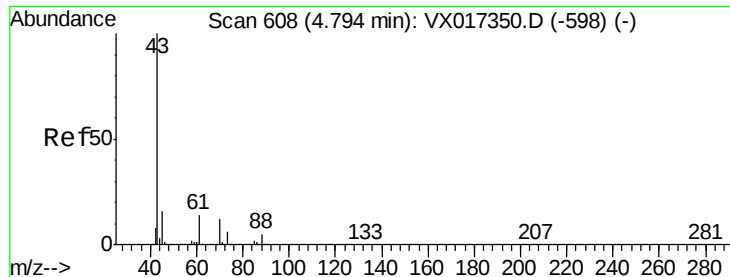


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

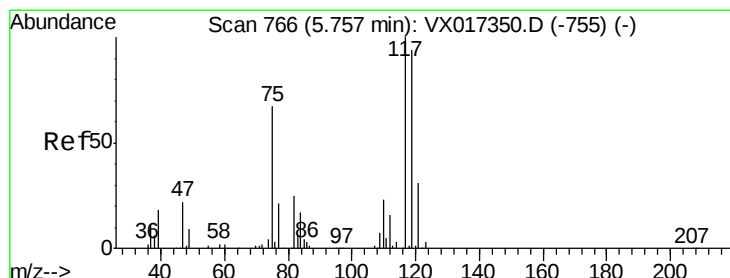
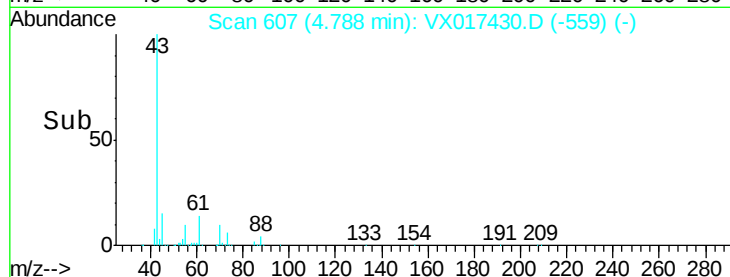
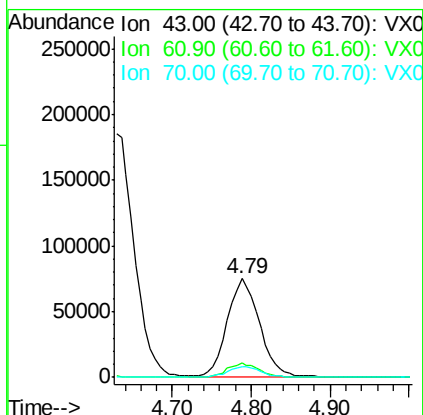
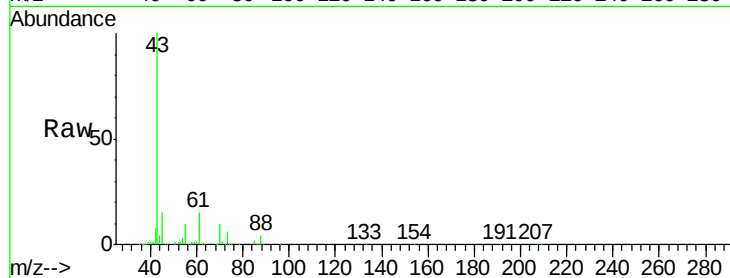




#37
Ethyl Acetate
Concen: 44.544 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

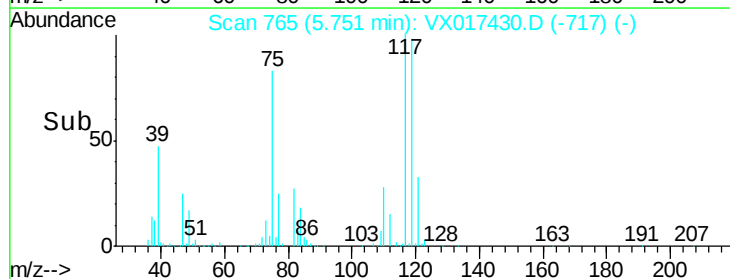
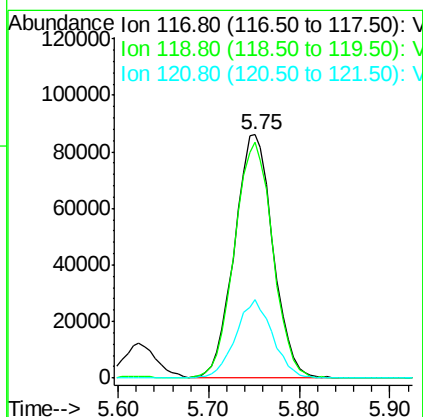
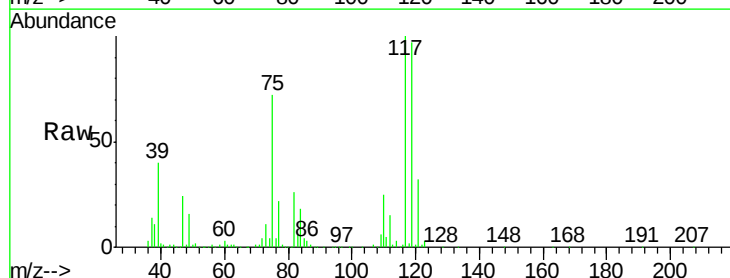
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

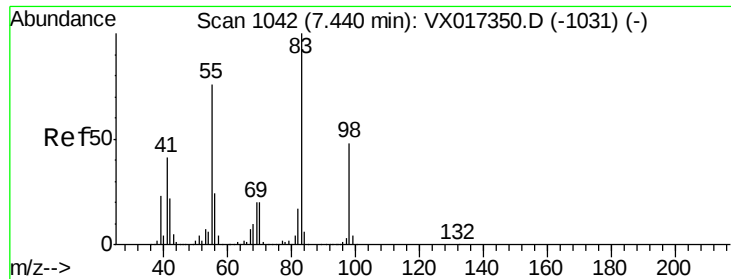
Tot Ion: 43 Resp: 213589
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 46.647 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 117 Resp: 253228
Ion Ratio Lower Upper
117 100
119 97.0 74.7 112.1
121 32.3 24.5 36.7

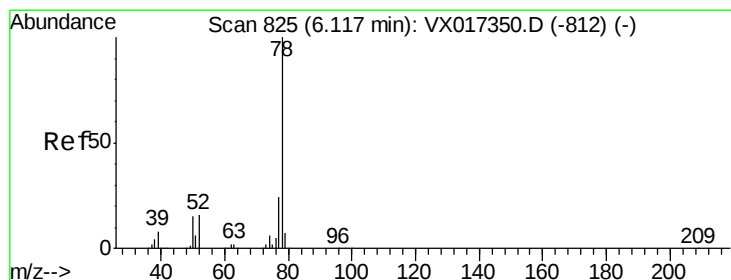
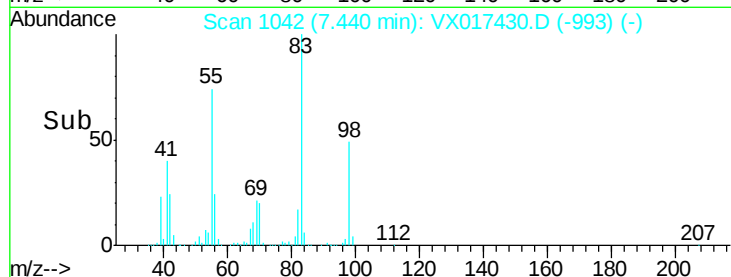
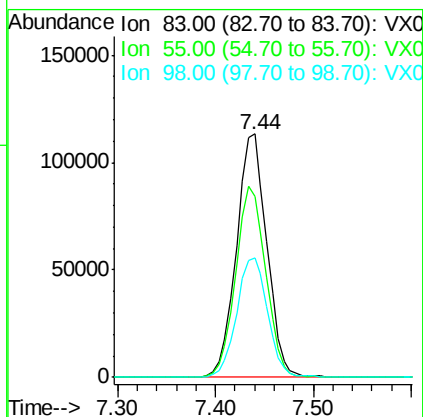
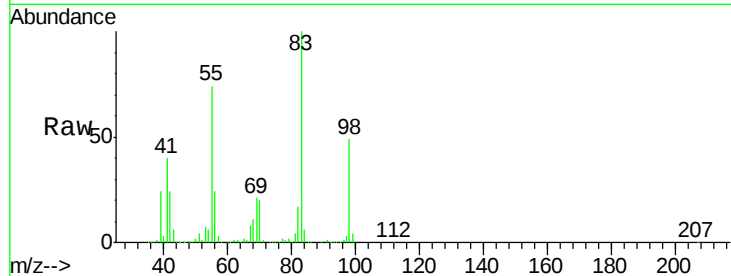




#39
Methvlcvclohexane
Concen: 48.689 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

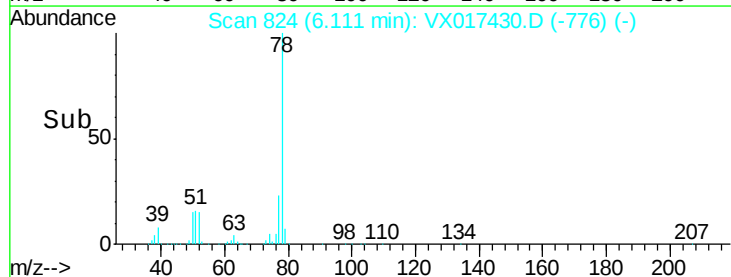
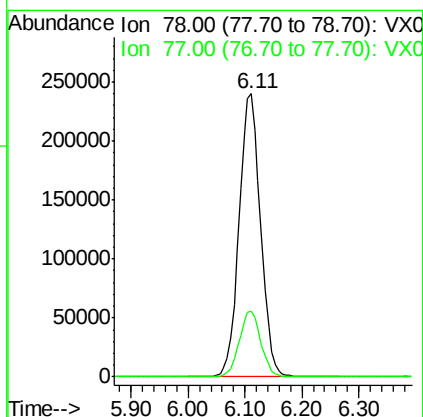
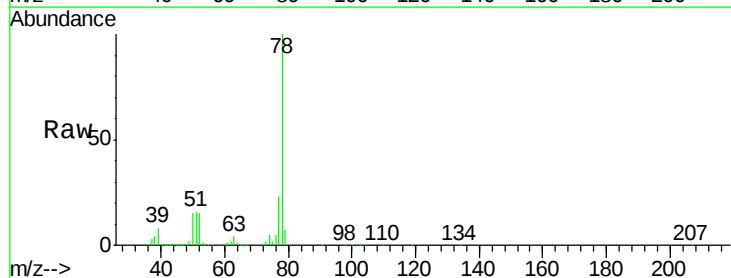
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

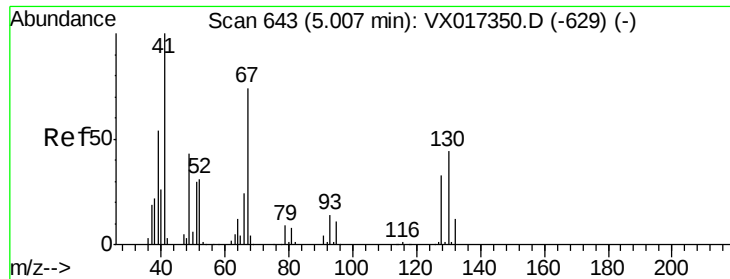
Tot Ion: 83 Resp: 245153
Ion Ratio Lower Upper
83 100
55 74.2 61.2 91.8
98 49.2 38.1 57.1



#40
Benzene
Concen: 47.369 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 78 Resp: 631198
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

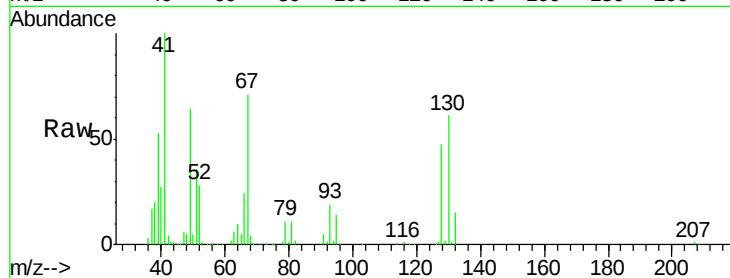




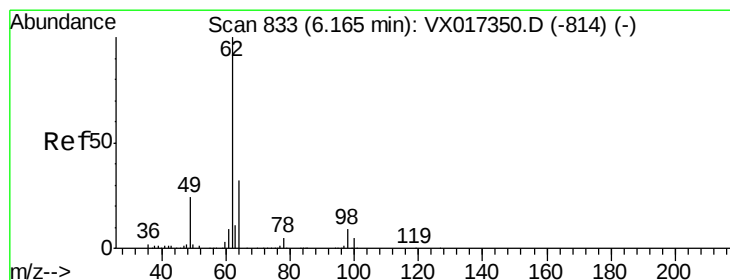
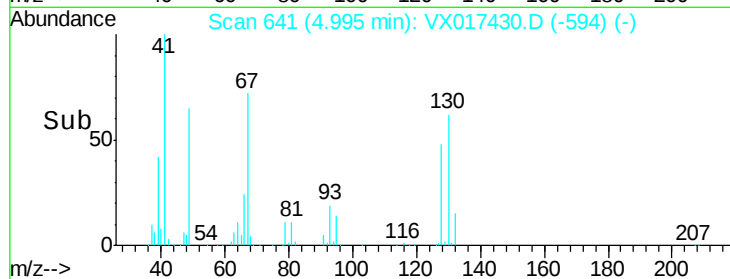
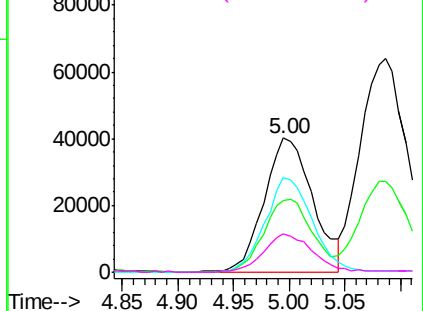
#41
Methacrylonitrile
Concen: 47.411 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	122045
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.8	65.8
67	69.3	58.7	88.1
52	29.4	24.9	37.3

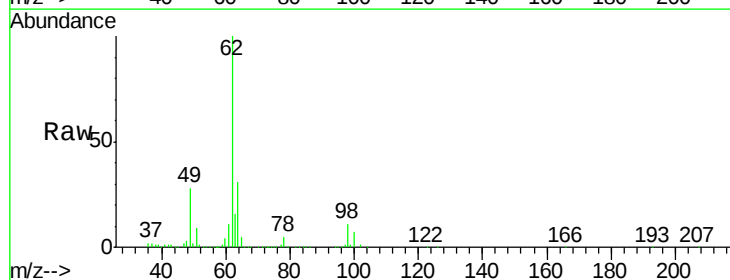


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

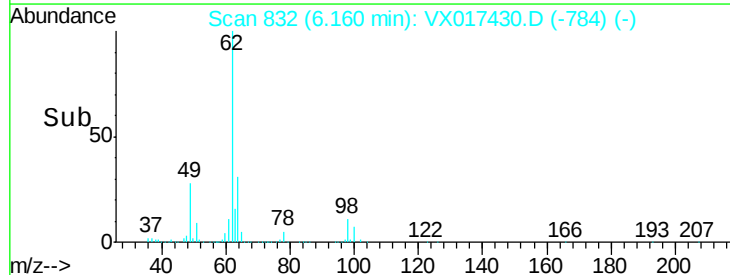
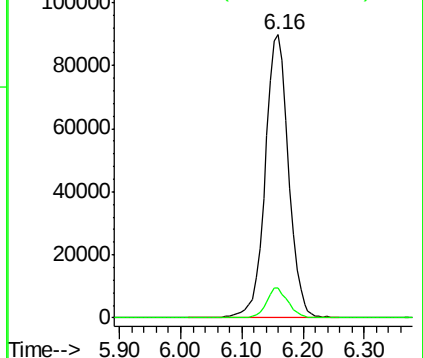


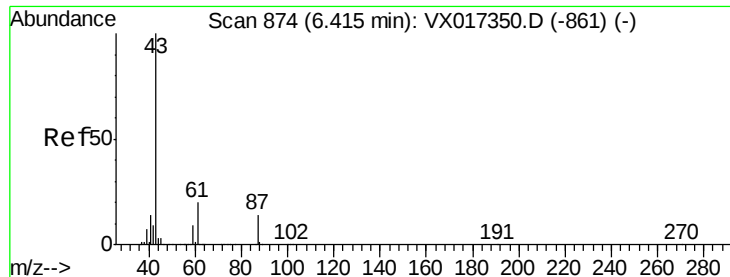
#42
1,2-Dichloroethane
Concen: 45.855 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion:	62	Resp:	237396
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4



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



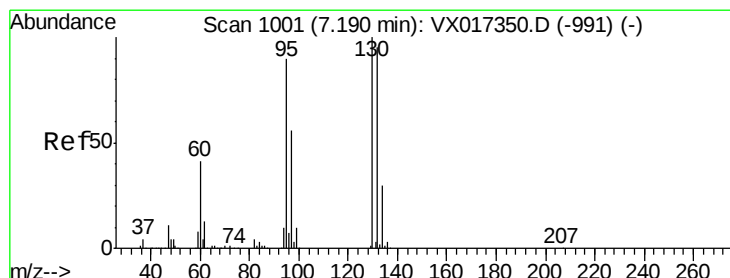
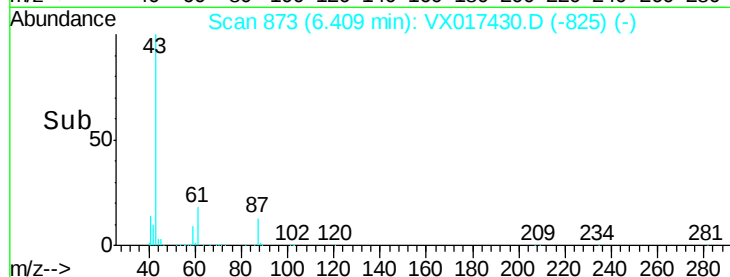
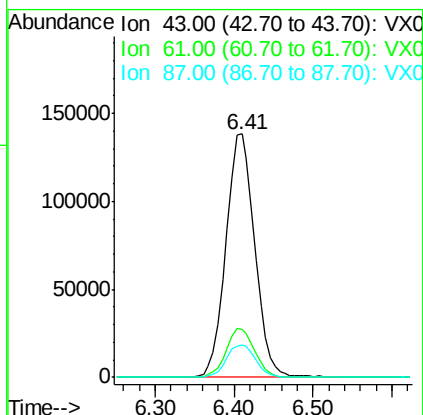
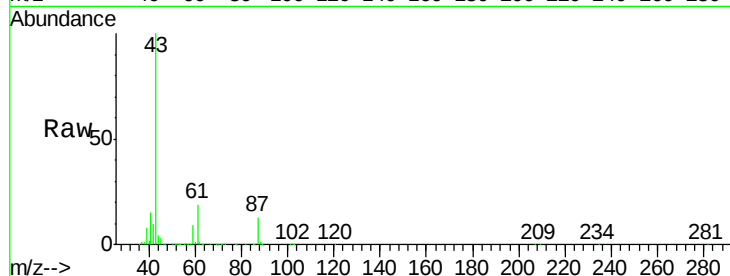


#43

Isopropyl Acetate
 Concen: 45.666 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

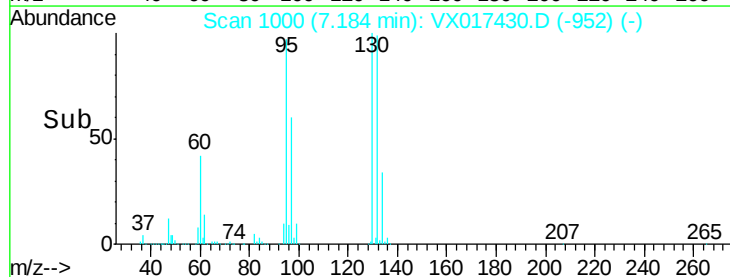
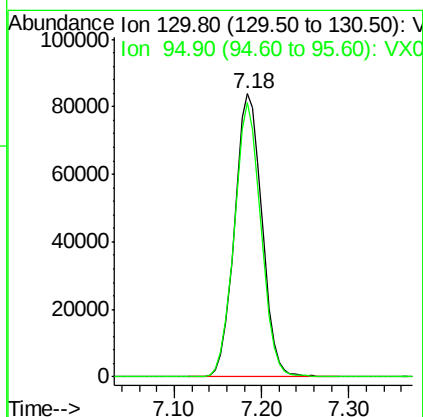
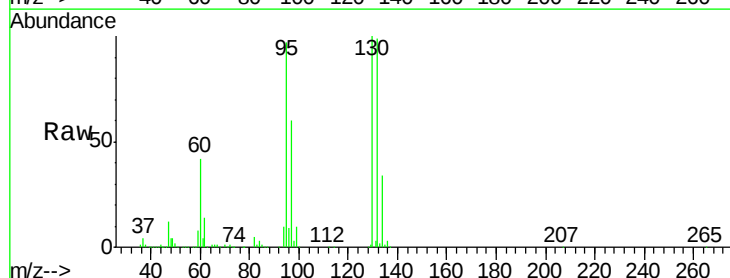
Tot Ion	43	Resp	349897
Ion Ratio	100	Lower	Upper
61	19.9	16.4	24.6
87	13.7	11.2	16.8

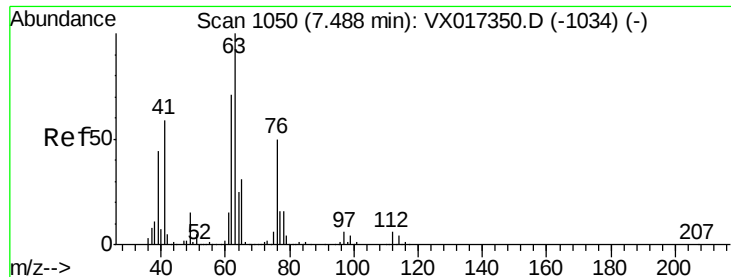


#44

Trichloroethene
 Concen: 44.956 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion	130	Resp	182981
Ion Ratio	100	Lower	Upper
95	97.2	0.0	180.2





#45

1,2-Dichloropropane

Concen: 48.281 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

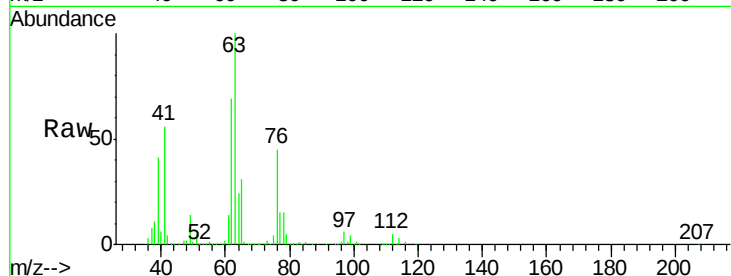
VSTDCCC050

Tot Ion: 63 Resp: 164616

Ion Ratio Lower Upper

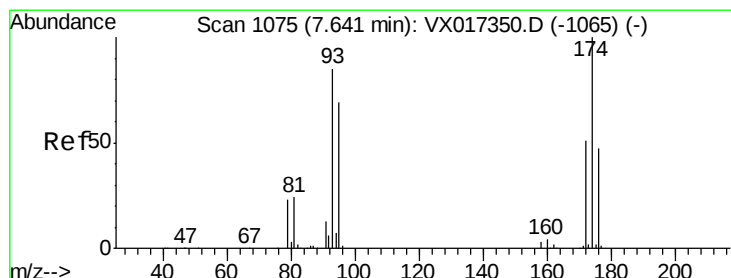
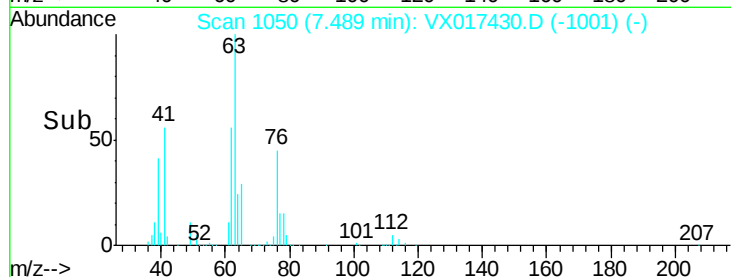
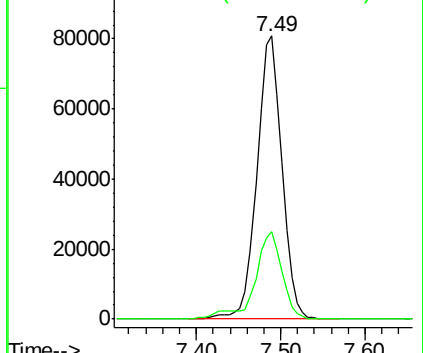
63 100

65 30.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.333 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

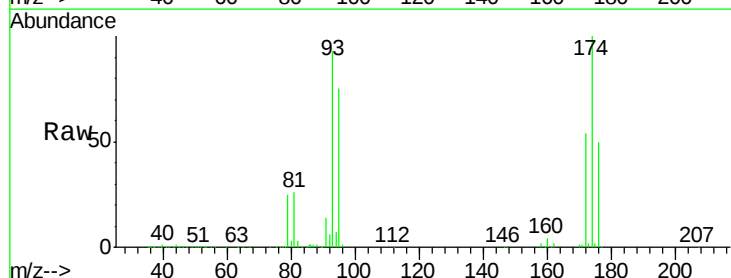
Tgt Ion: 93 Resp: 113933

Ion Ratio Lower Upper

93 100

95 82.8 65.4 98.2

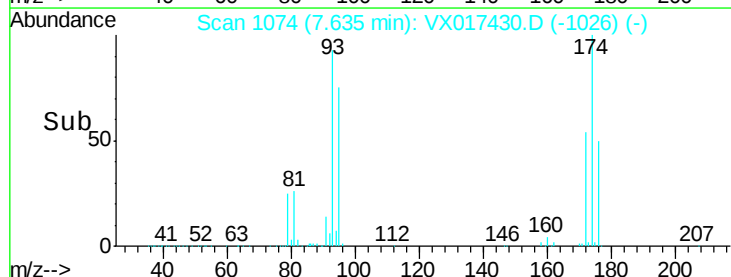
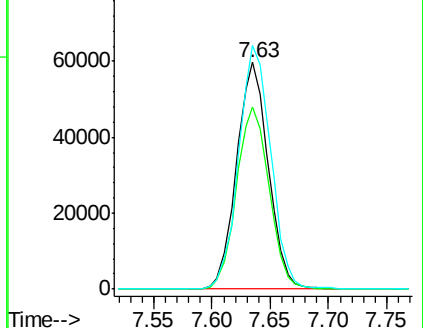
174 109.2 91.2 136.8

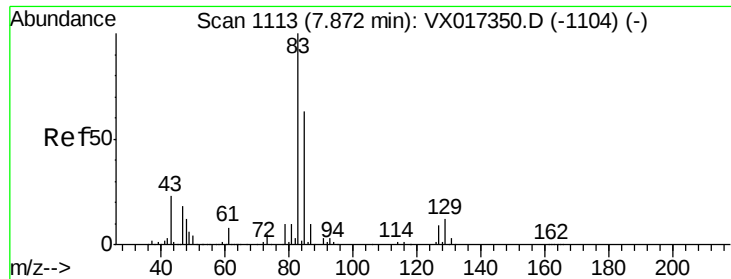


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.790 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

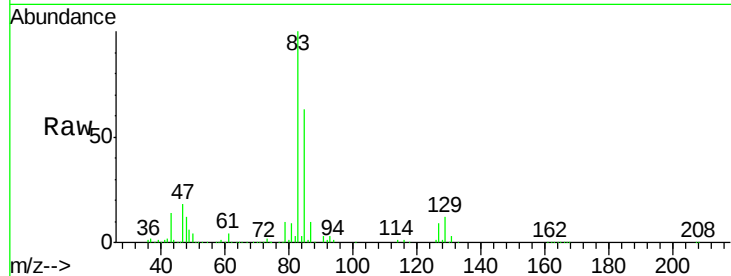
Tot Ion: 83 Resp: 240547

Ion Ratio Lower Upper

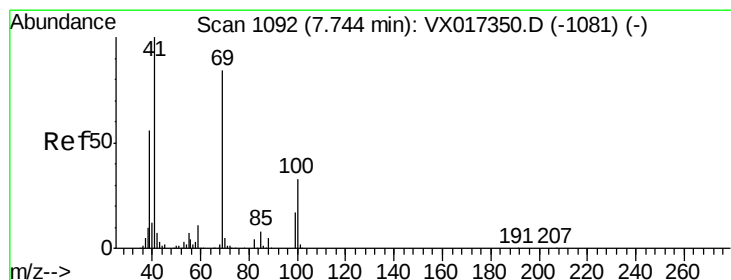
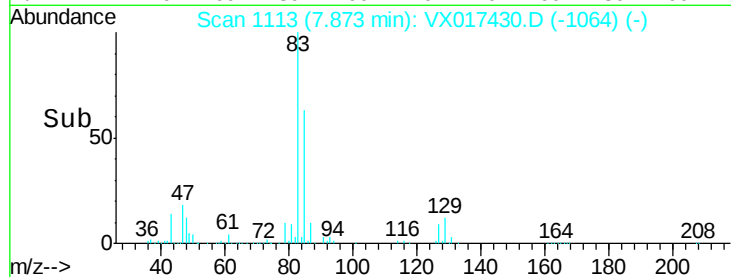
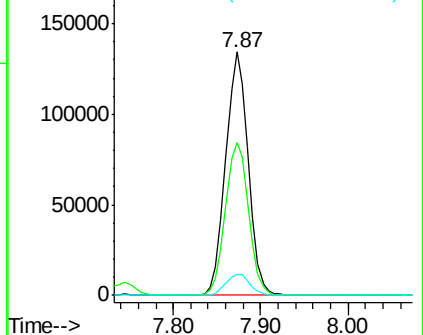
83 100

85 62.8 50.2 75.4

127 8.8 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: 47.641 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

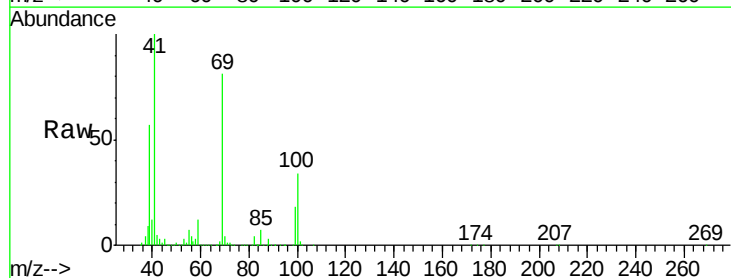
Tgt Ion: 41 Resp: 175167

Ion Ratio Lower Upper

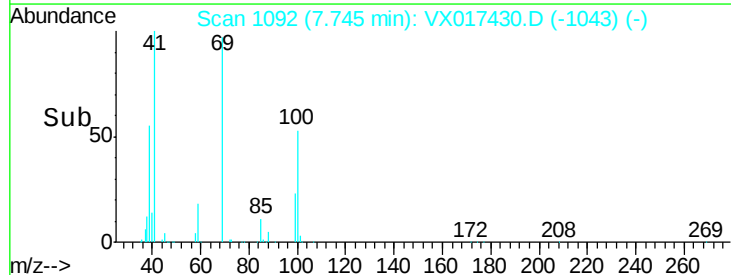
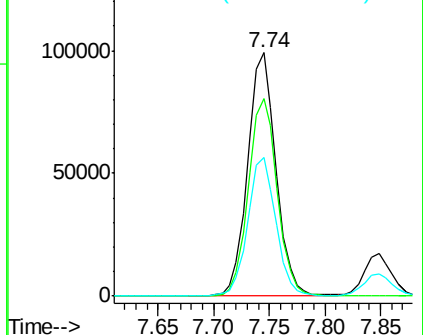
41 100

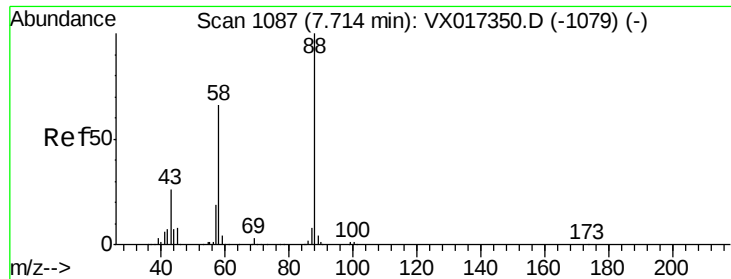
69 83.0 67.8 101.6

39 57.2 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

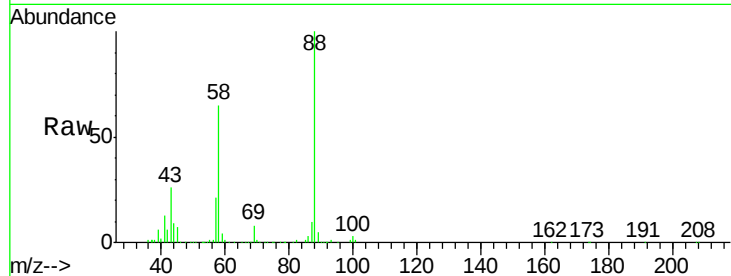




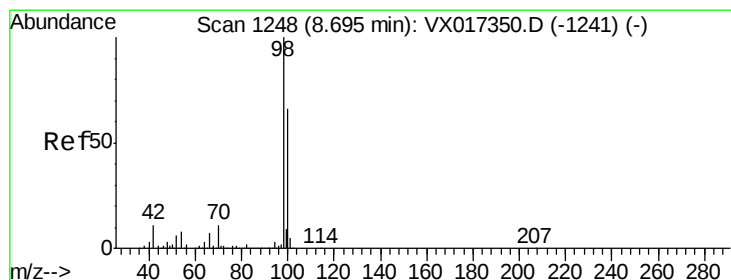
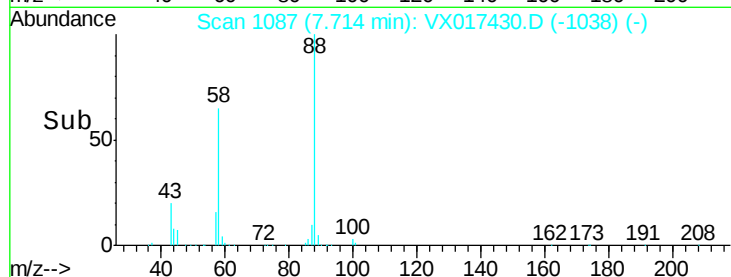
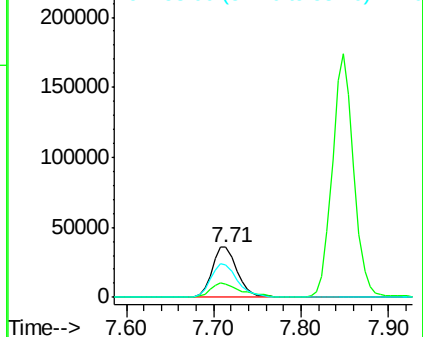
#49
 1,4-Dioxane
 Concen: 962.601 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 72429
 Ion Ratio Lower Upper
 88 100
 43 34.1 25.6 38.4
 58 70.0 53.9 80.9

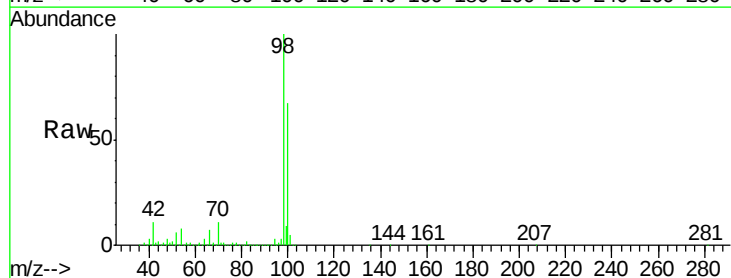


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

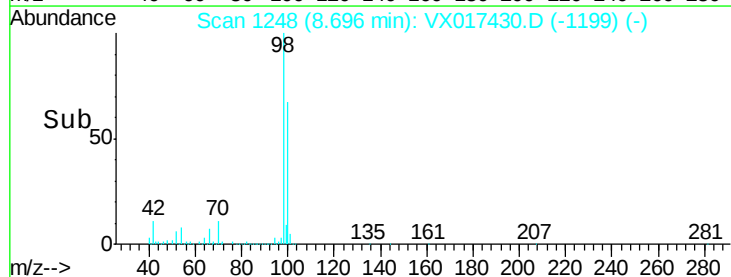
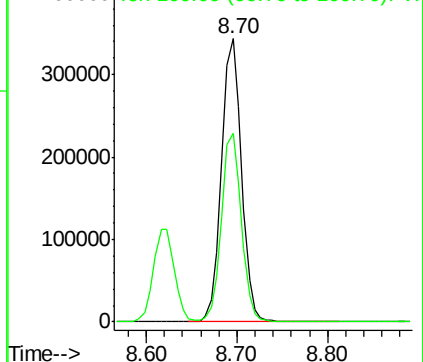


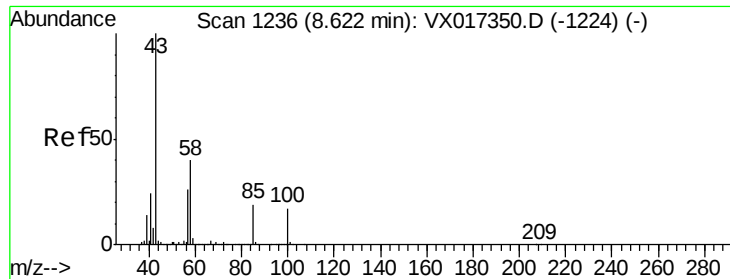
#50
 Toluene-d8
 Concen: 43.144 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion: 98 Resp: 528434
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 232.580 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

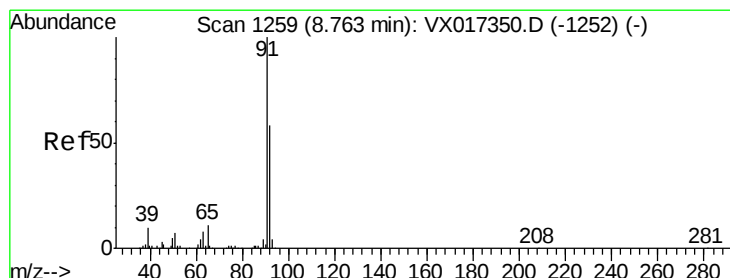
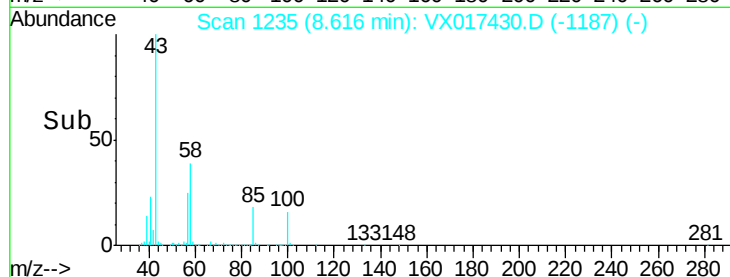
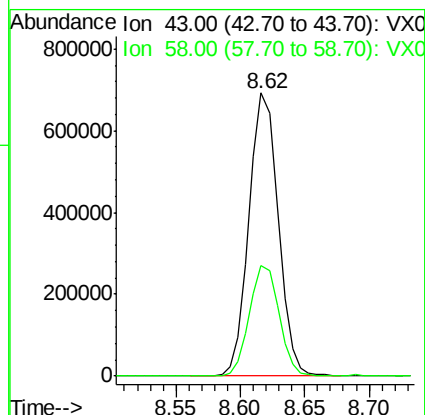
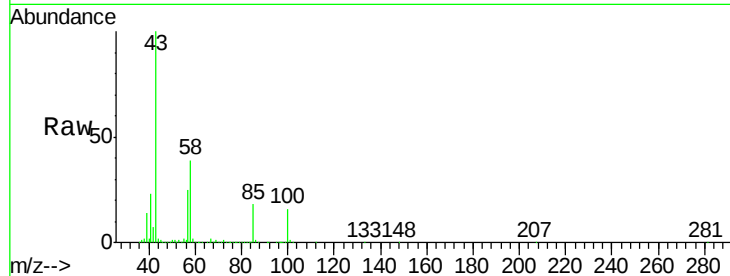
VSTDCCC050

Tot Ion: 43 Resp: 1086590

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 47.592 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017430.D

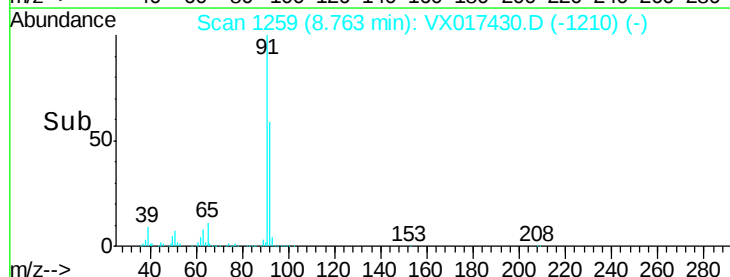
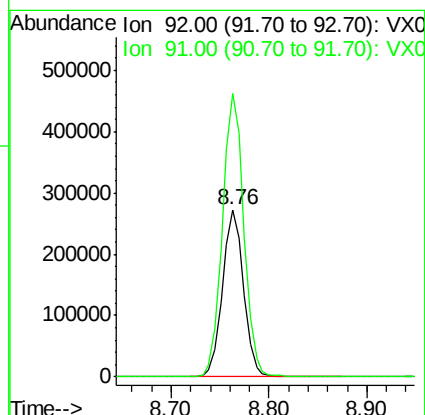
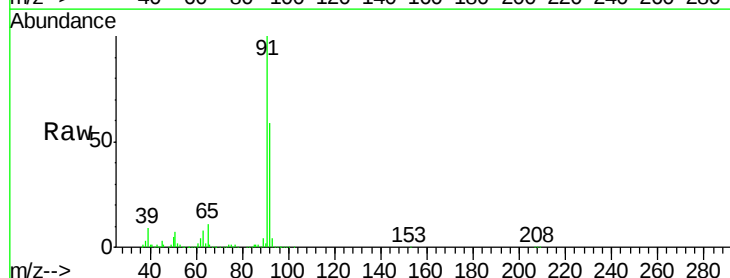
Acq: 20 Jul 2020 09:50

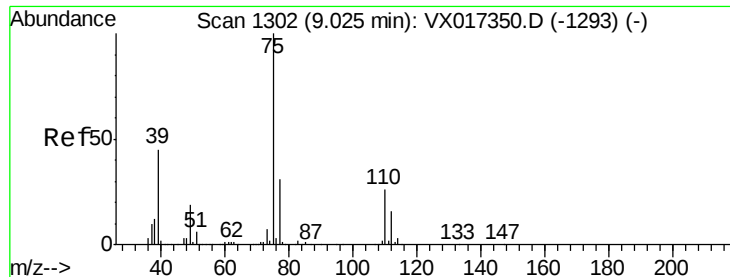
Tgt Ion: 92 Resp: 406961

Ion Ratio Lower Upper

92 100

91 171.7 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.098 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

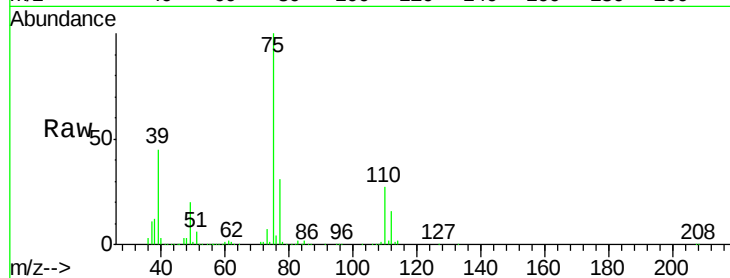
VSTDCCC050

Tot Ion: 75 Resp: 266389

Ion Ratio Lower Upper

75 100

77 31.1 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

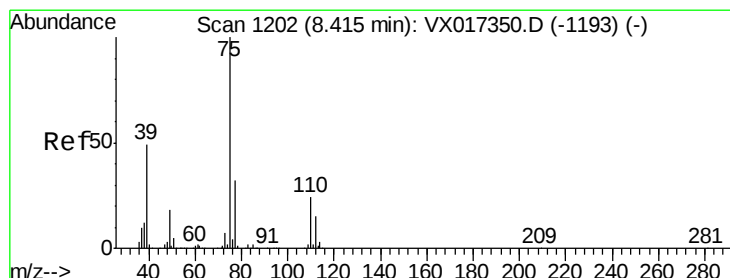
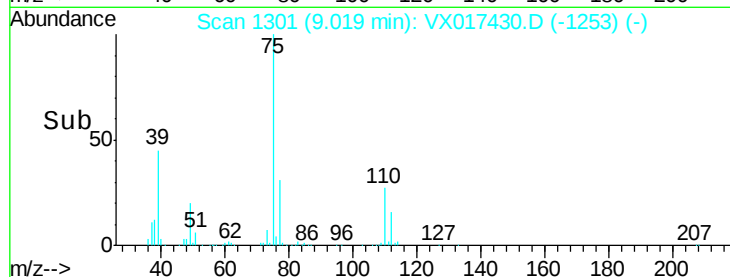
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 47.971 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

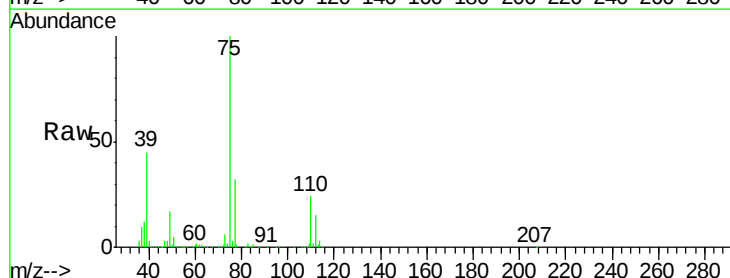
Tgt Ion: 75 Resp: 283371

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 45.3 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

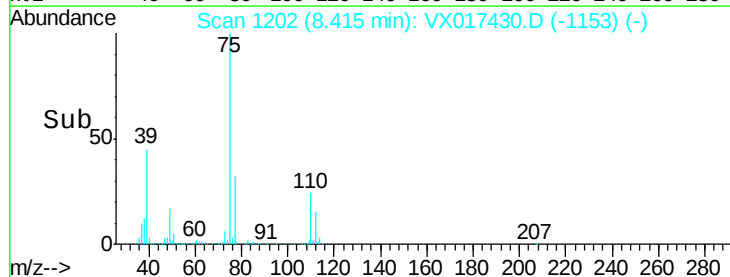
150000

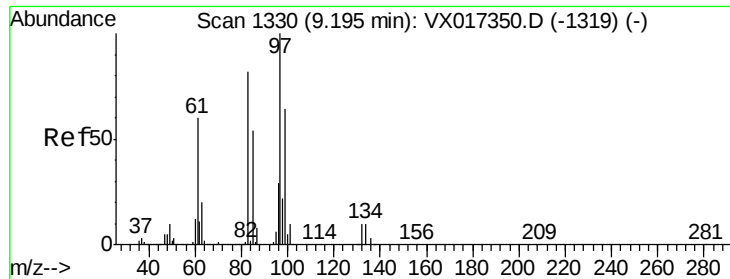
100000

50000

0

Time--> 8.30 8.40 8.50

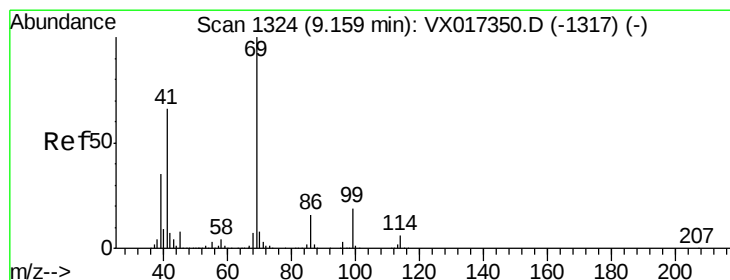
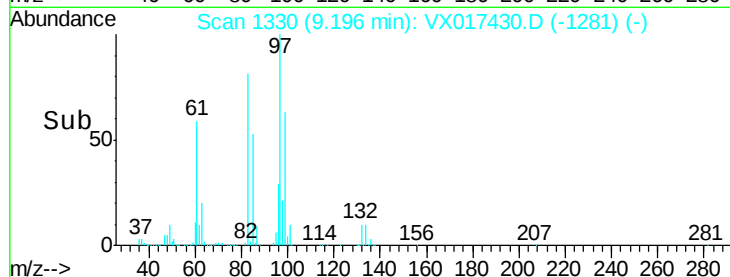
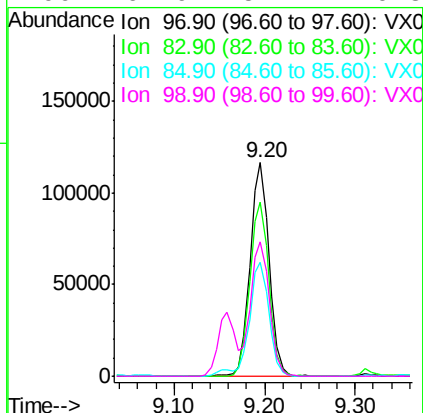
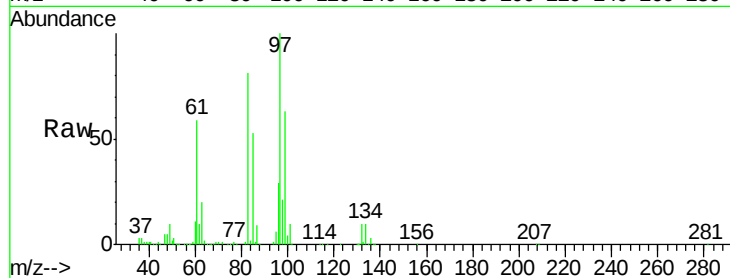




#55
 1,1,2-Trichloroethane
 Concen: 47.329 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

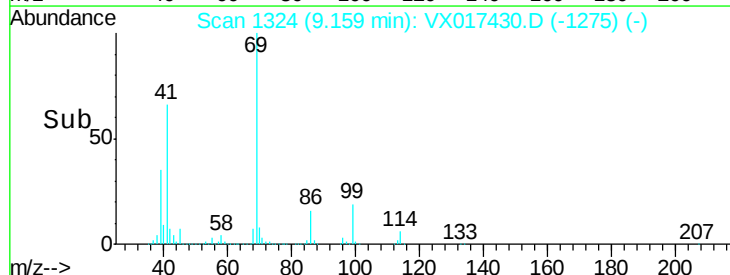
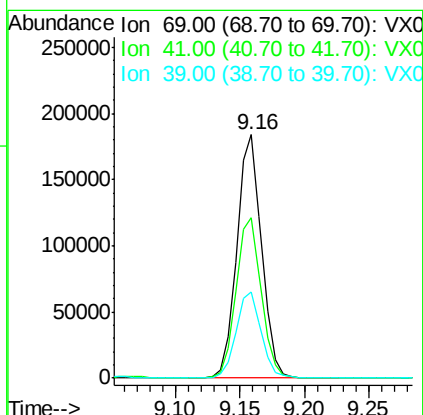
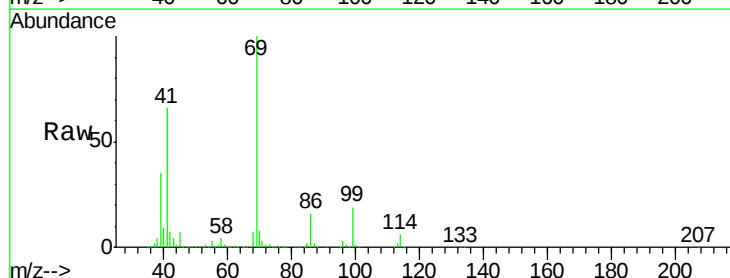
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

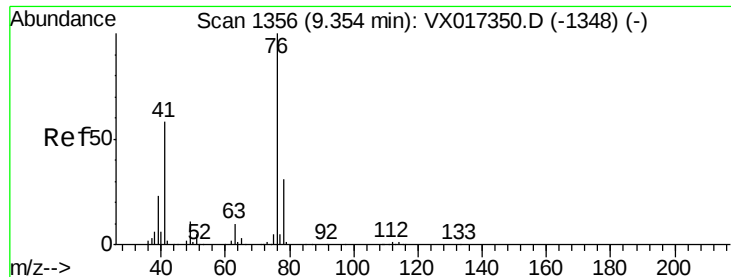
Tot Ion:	97	Resp:	168763
Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.8	98.6
85	53.1	42.8	64.2
99	62.9	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 48.395 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion:	69	Resp:	244991
Ion	Ratio	Lower	Upper
69	100		
41	67.0	52.6	78.8
39	35.9	28.8	43.2





#57

1,3-Dichloropropane

Concen: 46.700 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

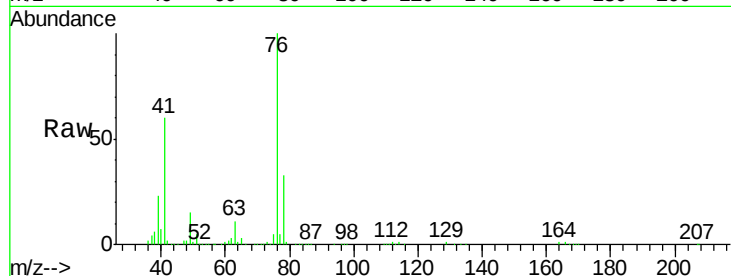
VSTDCCC050

Tot Ion: 76 Resp: 276987

Ion Ratio Lower Upper

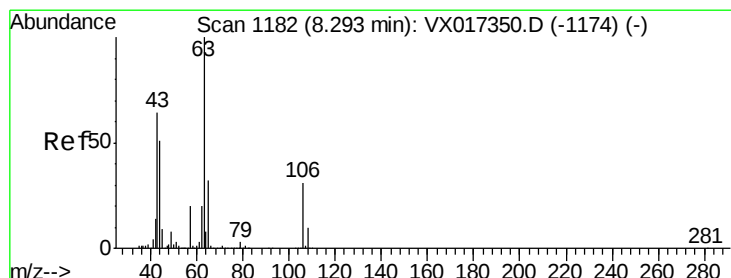
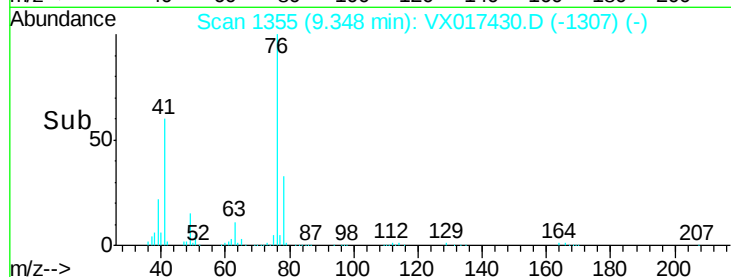
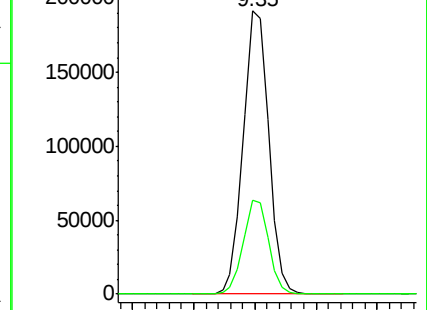
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 259.760 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017430.D

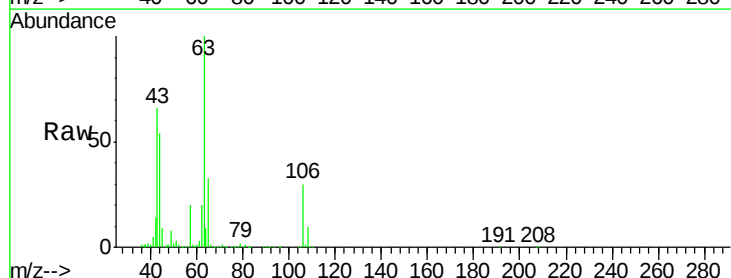
Acq: 20 Jul 2020 09:50

Tgt Ion: 63 Resp: 667688

Ion Ratio Lower Upper

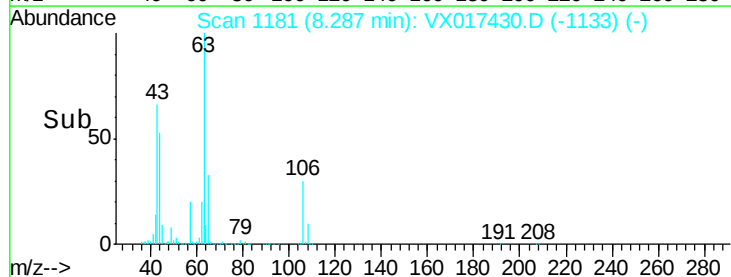
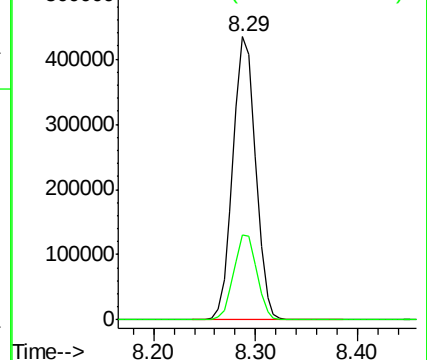
63 100

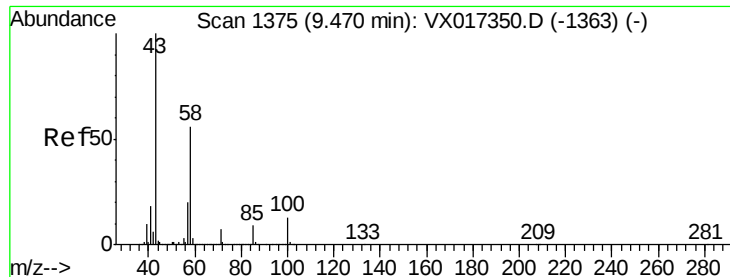
106 30.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

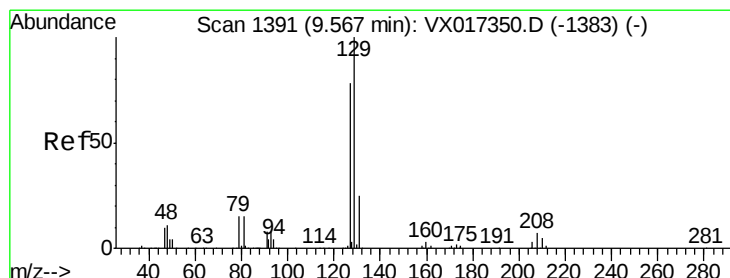
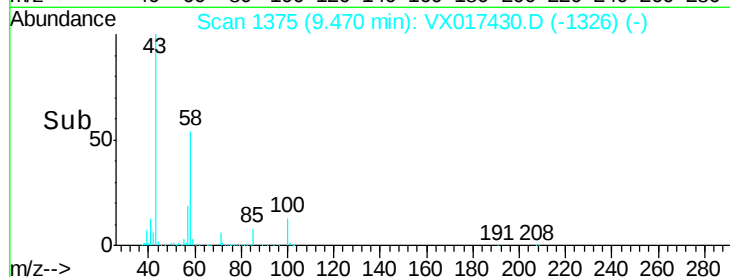
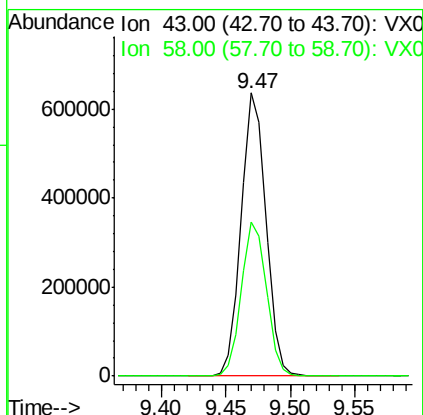
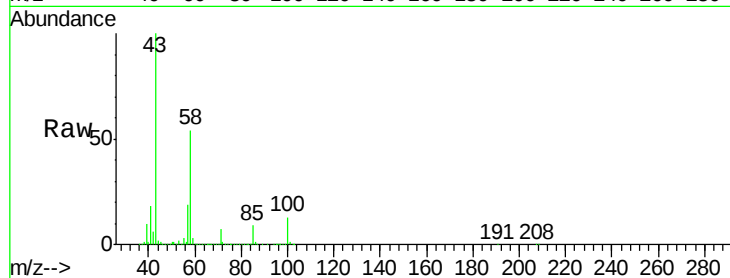




#59
2-Hexanone
Concen: 240.804 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

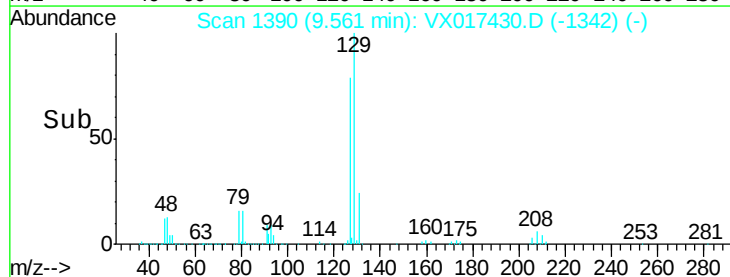
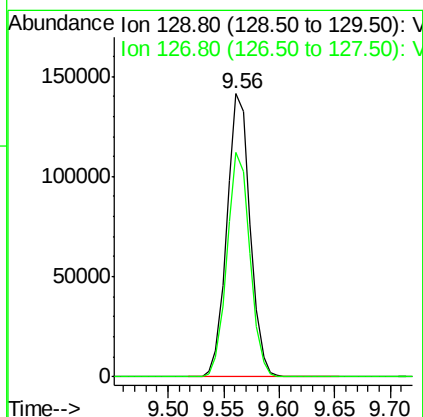
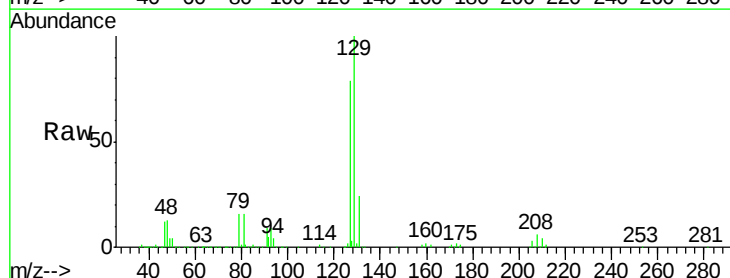
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

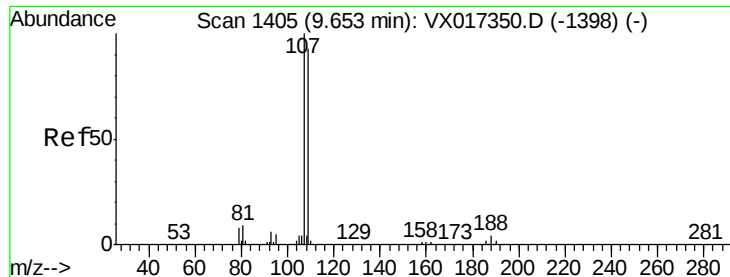
Tot Ion: 43 Resp: 849110
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.3



#60
Dibromochloromethane
Concen: 46.803 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 129 Resp: 203878
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 46.427 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

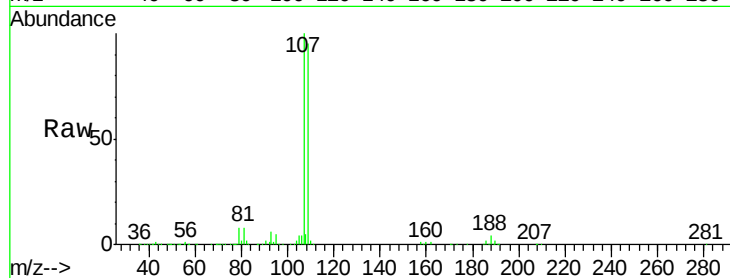
VSTDCCC050

Tot Ion: 107 Resp: 180089

Ion Ratio Lower Upper

107 100

109 94.8 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

100000

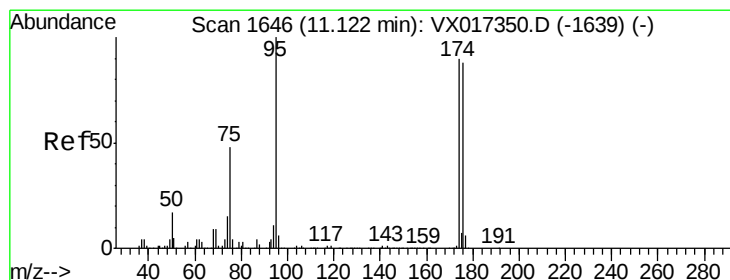
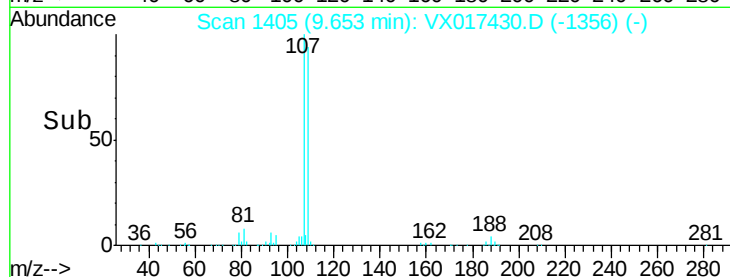
50000

0

9.65

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.619 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

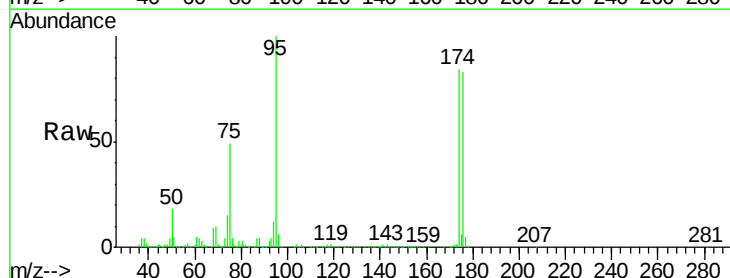
Tgt Ion: 95 Resp: 212217

Ion Ratio Lower Upper

95 100

174 83.4 0.0 175.8

176 80.6 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

200000

150000

100000

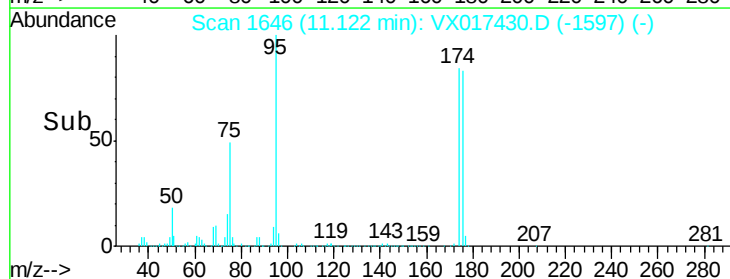
50000

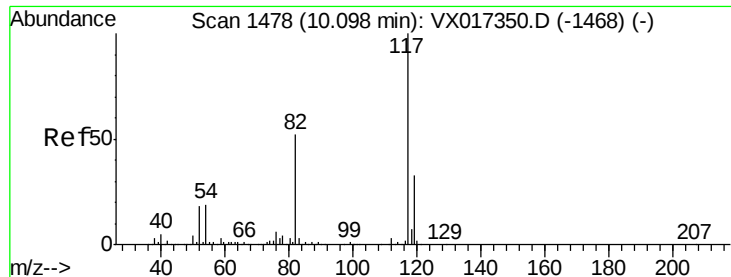
0

11.12

11.05 11.10 11.15 11.20

Time-->

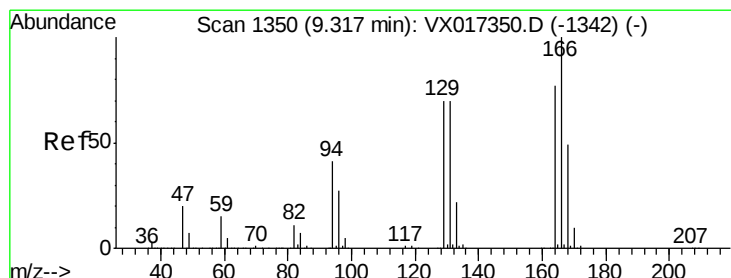
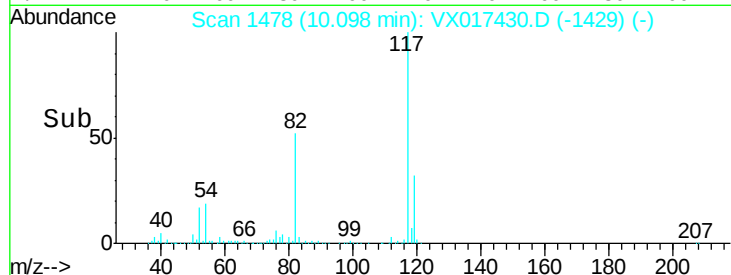
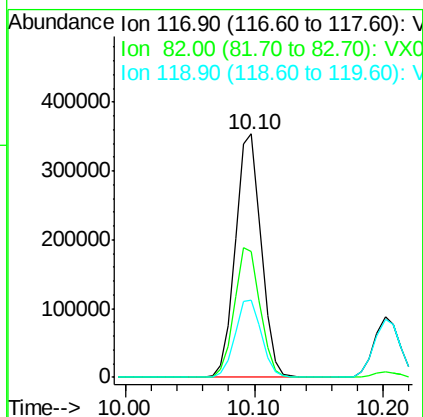
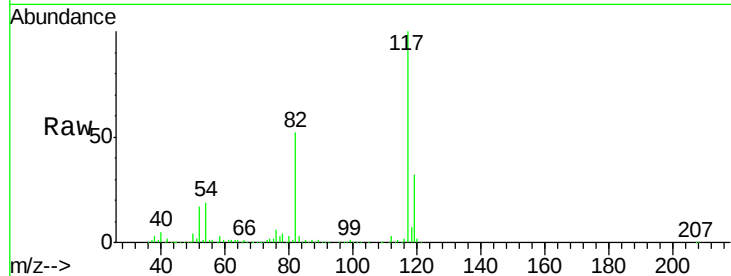




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

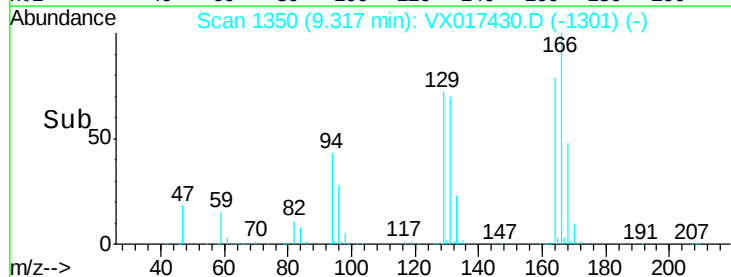
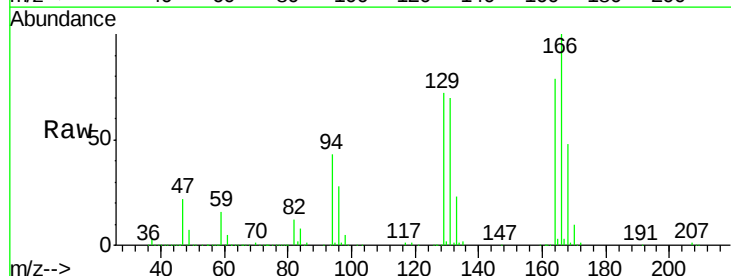
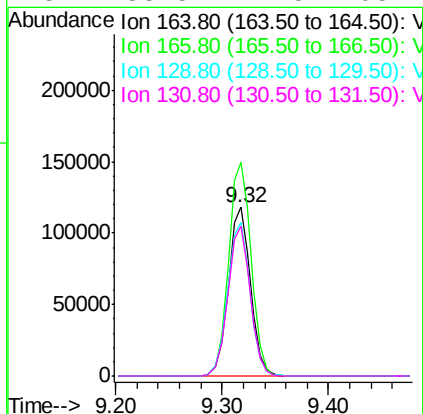
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 491509
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 40.272 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion:164 Resp: 171324
Ion Ratio Lower Upper
164 100
166 126.6 103.9 155.9
129 91.1 72.9 109.3
131 88.5 72.5 108.7





#65

Chlorobenzene

Concen: 45.929 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

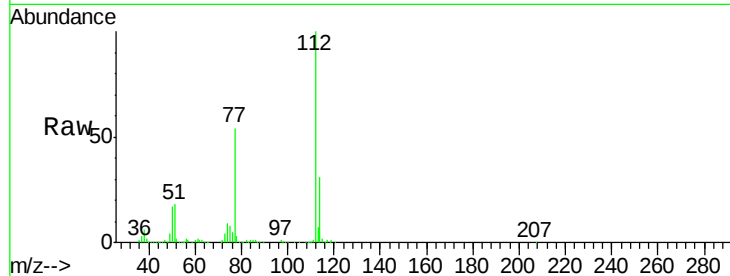
VSTDCCC050

Tot Ion:112 Resp: 458759

Ion Ratio Lower Upper

112 100

114 31.2 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

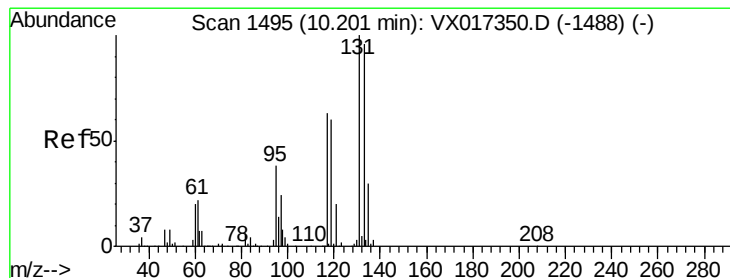
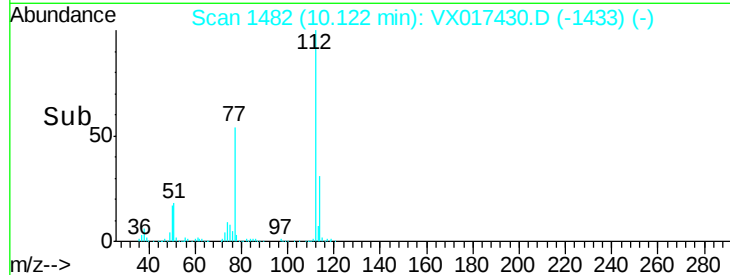
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 45.477 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

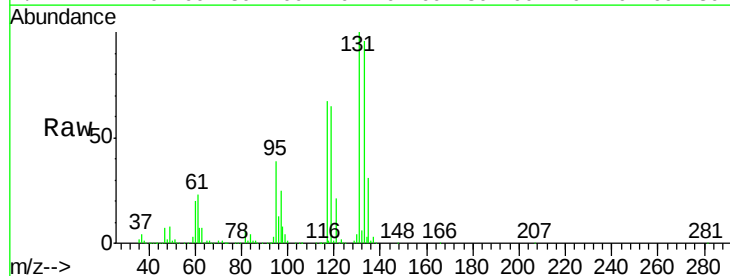
Tgt Ion:131 Resp: 180852

Ion Ratio Lower Upper

131 100

133 96.3 48.4 145.2

119 65.1 31.2 93.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

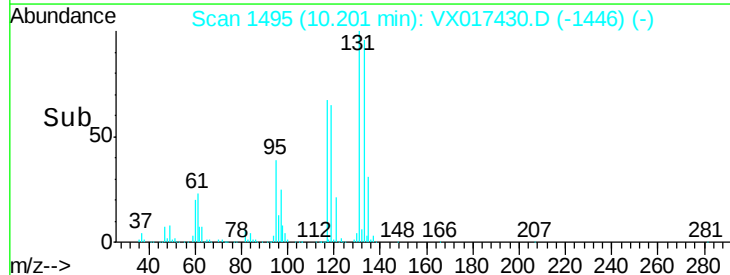
150000

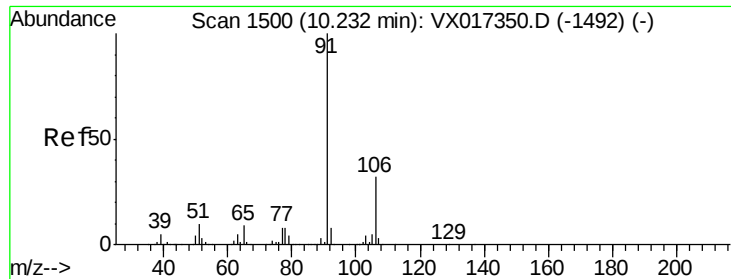
100000

50000

0

Time--> 10.20 10.30

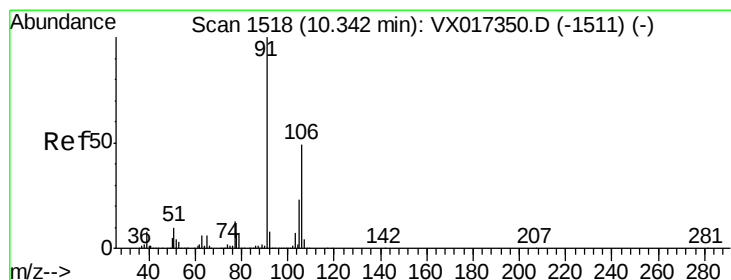
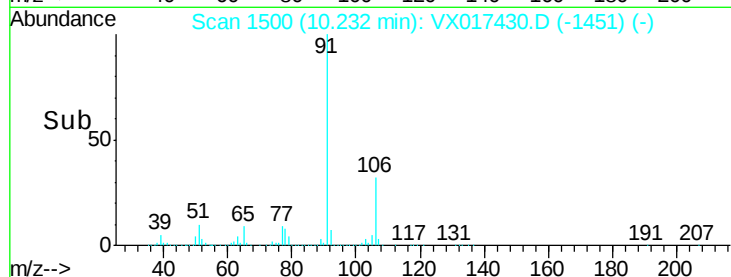
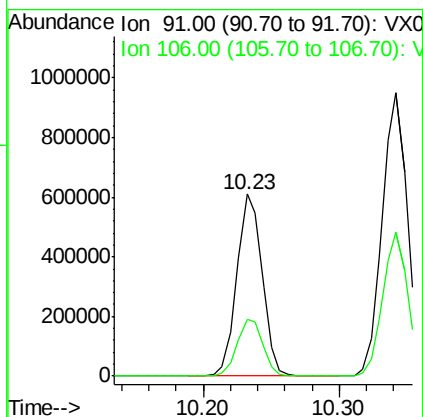
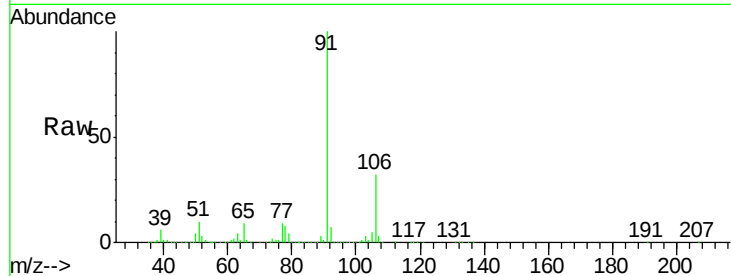




#67
Ethyl Benzene
Concen: 47.632 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

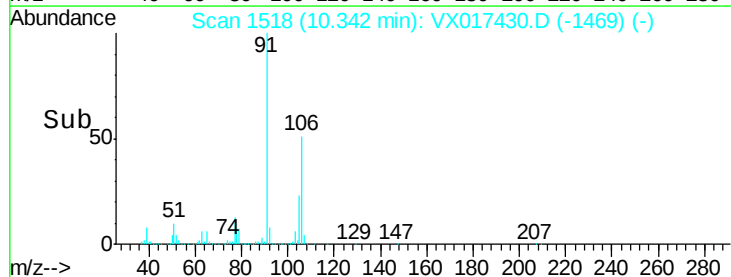
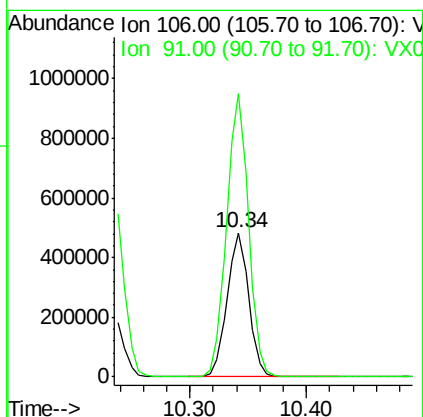
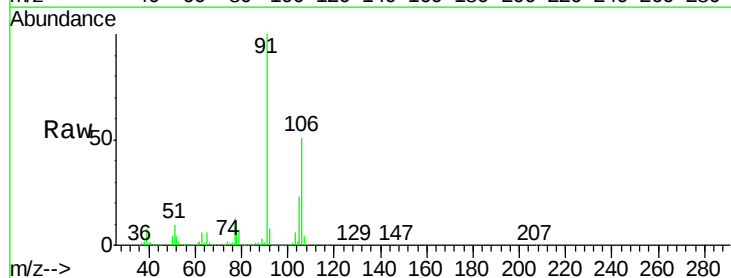
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

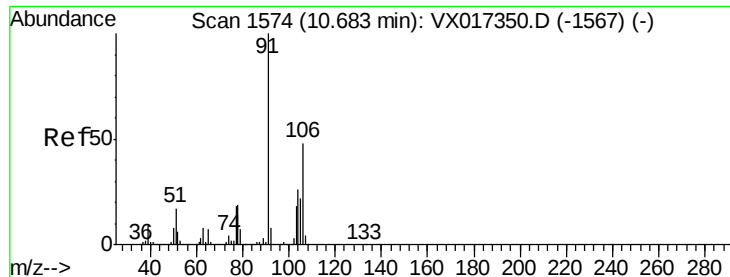
Tot Ion: 91 Resp: 792024
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 98.244 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 106 Resp: 621562
Ion Ratio Lower Upper
106 100
91 198.8 162.5 243.7

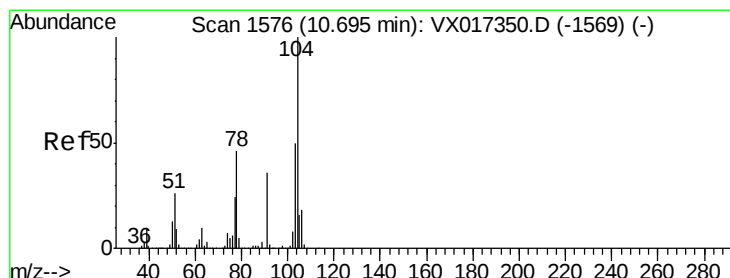
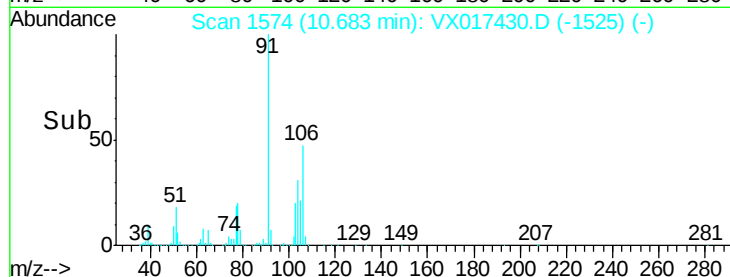
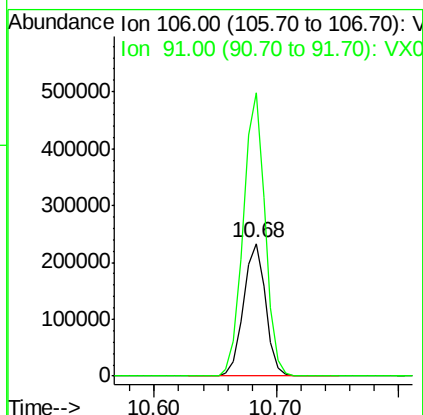
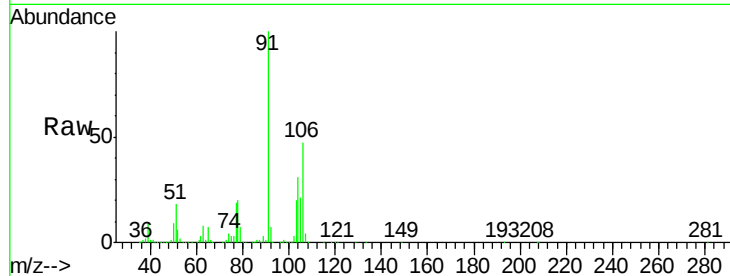




#69
o-Xylene
Concen: 47.940 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

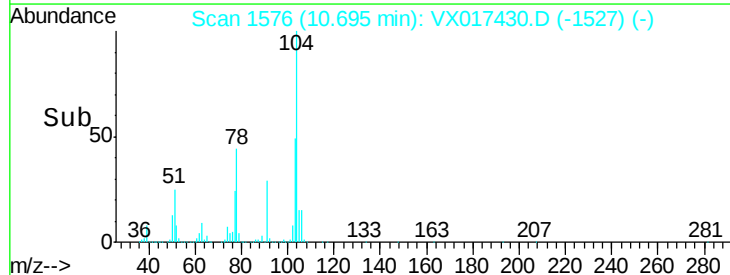
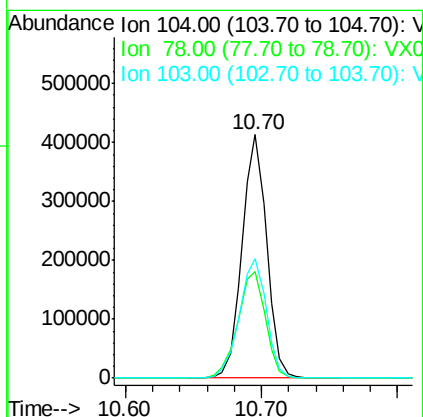
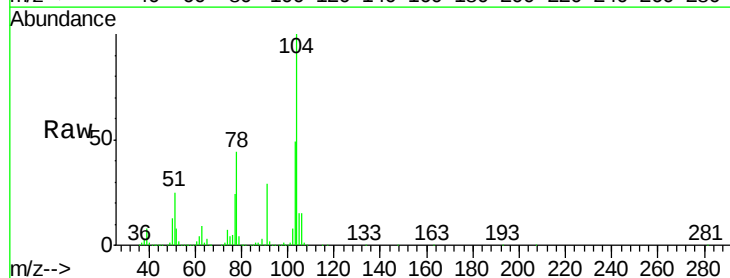
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

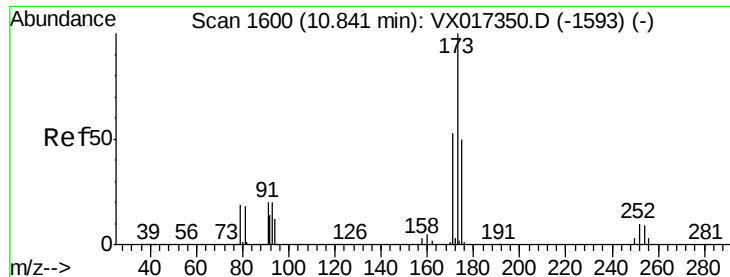
Tot Ion:106 Resp: 289814
Ion Ratio Lower Upper
106 100
91 211.2 106.1 318.1



#70
Styrene
Concen: 50.123 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion:104 Resp: 520143
Ion Ratio Lower Upper
104 100
78 49.3 40.8 61.2
103 53.9 43.3 64.9





#71

Bromoform

Concen: 46.226 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

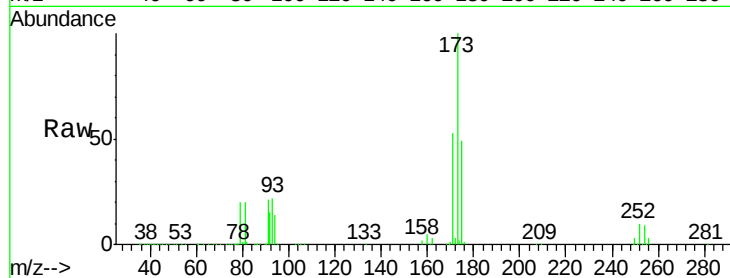
Tot Ion:173 Resp: 155123

Ion Ratio Lower Upper

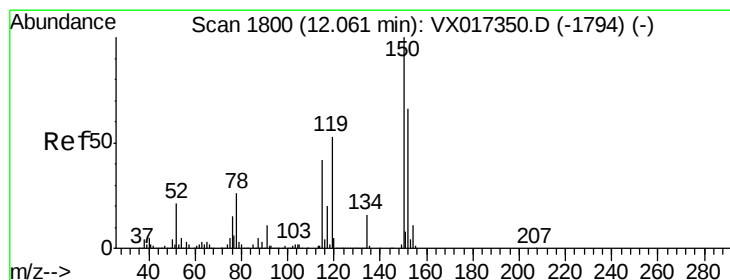
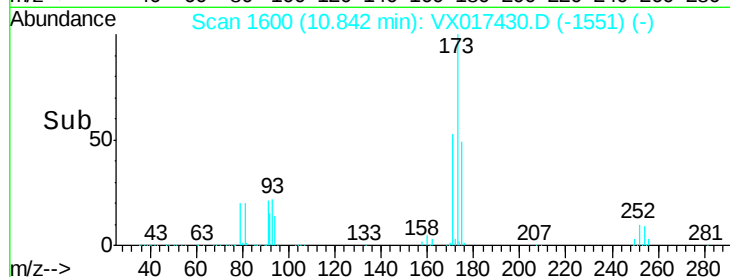
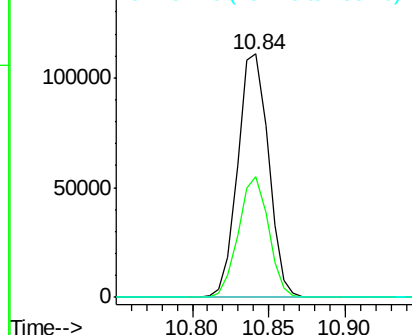
173 100

175 48.6 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: VX017430.D

Acq: 20 Jul 2020 09:50

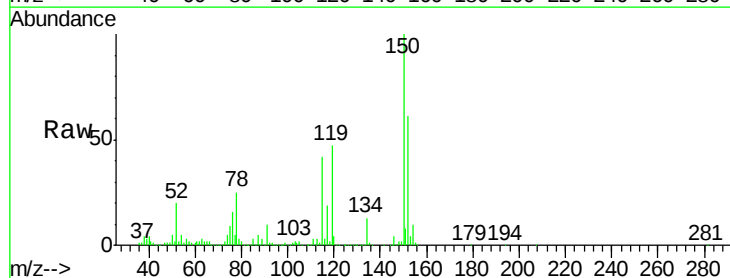
Tgt Ion:152 Resp: 263725

Ion Ratio Lower Upper

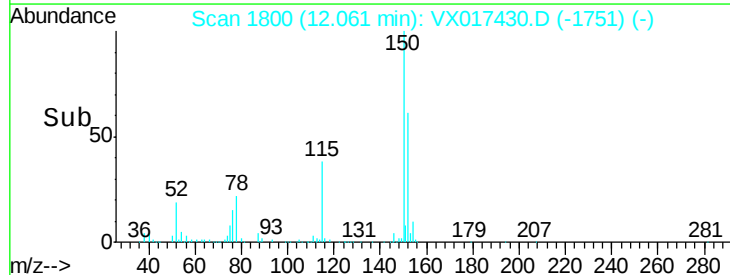
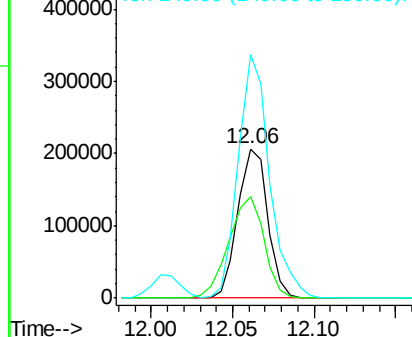
152 100

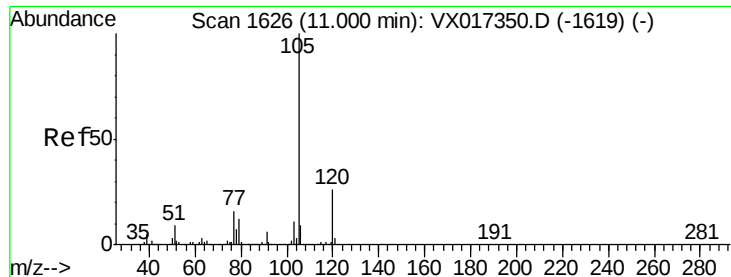
115 79.5 39.9 119.7

150 171.0 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: 47.979 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

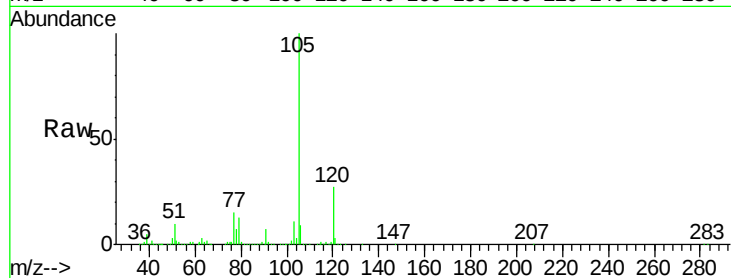
VSTDCCC050

Tot Ion:105 Resp: 793194

Ion Ratio Lower Upper

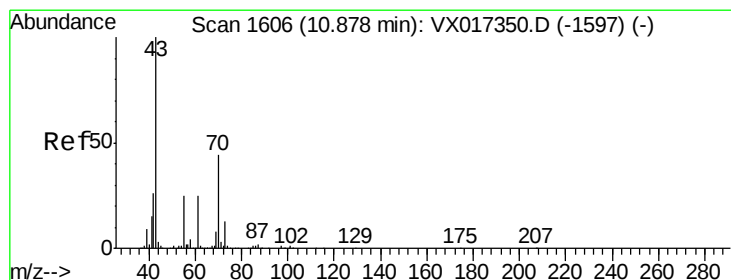
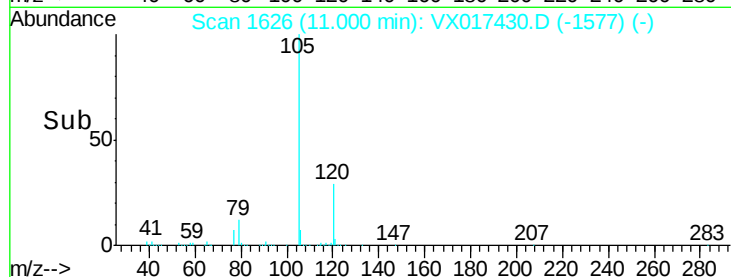
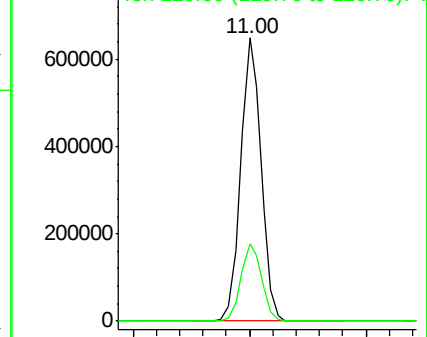
105 100

120 27.6 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: 50.167 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Tgt Ion: 43 Resp: 331884

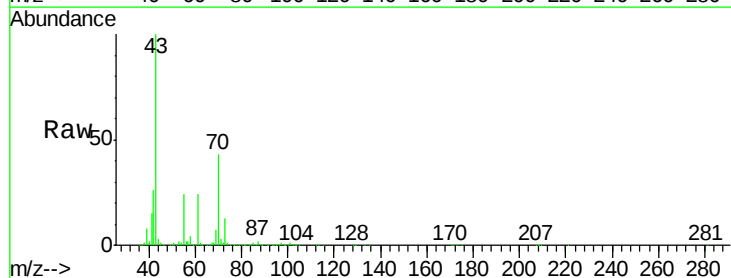
Ion Ratio Lower Upper

43 100

70 43.5 35.7 53.5

55 24.9 20.3 30.5

61 24.4 20.0 30.0

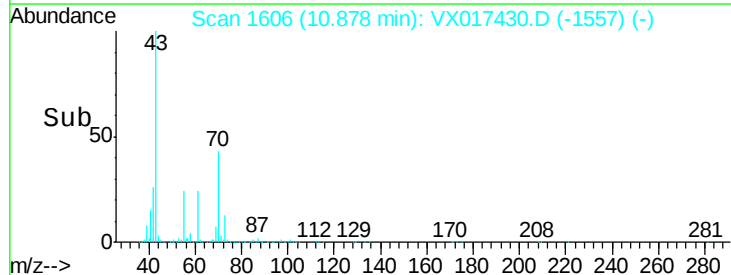
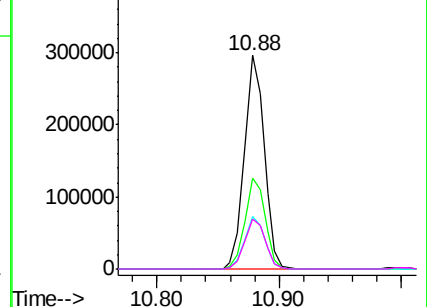


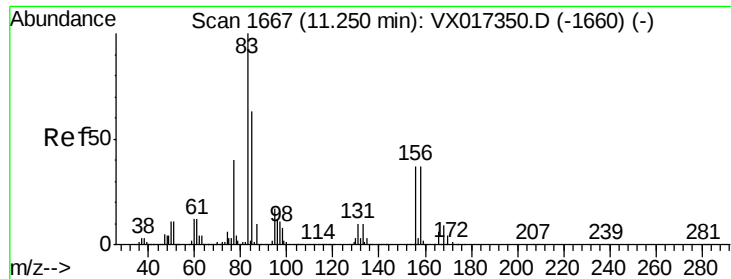
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.429 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

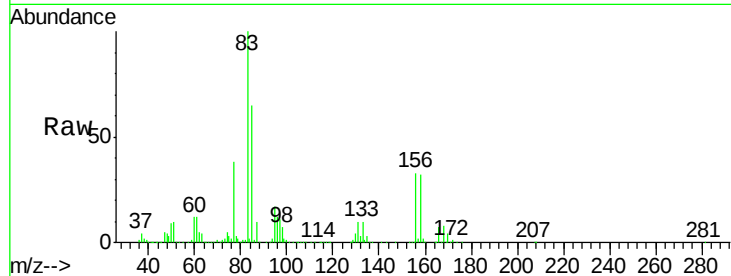
Tot Ion: 83 Resp: 238074

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

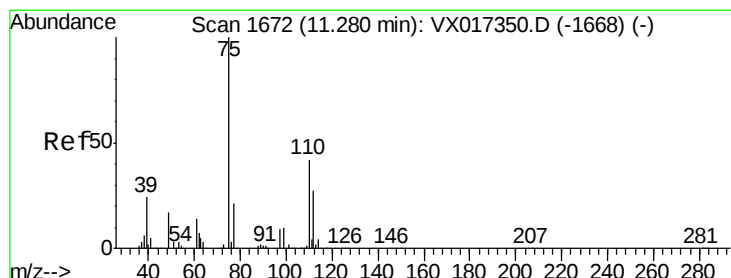
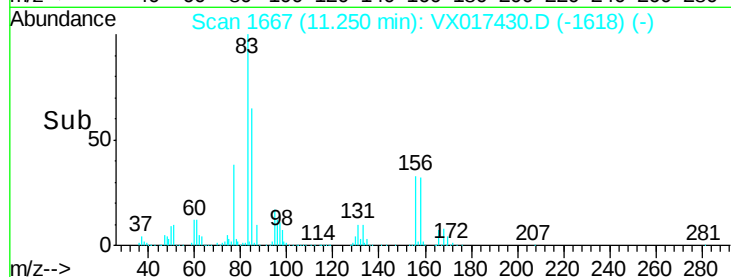
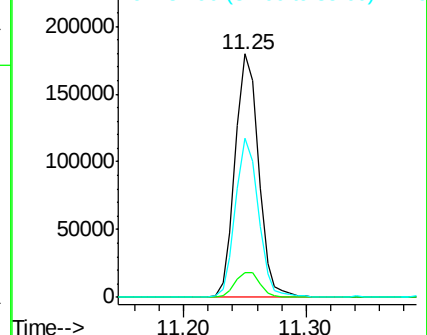
85 64.5 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.376 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017430.D

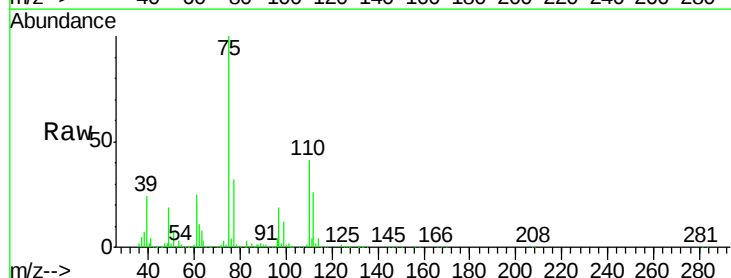
Acq: 20 Jul 2020 09:50

Tgt Ion: 75 Resp: 225997

Ion Ratio Lower Upper

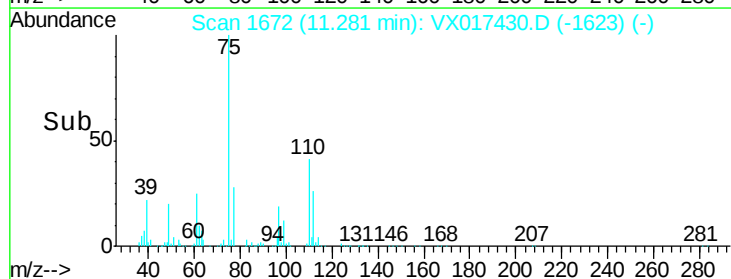
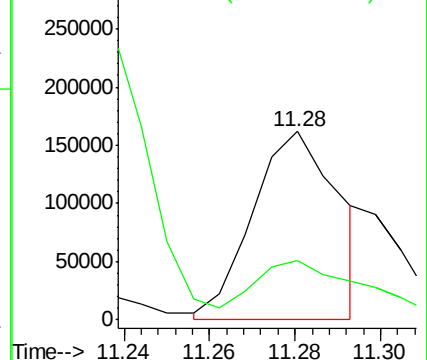
75 100

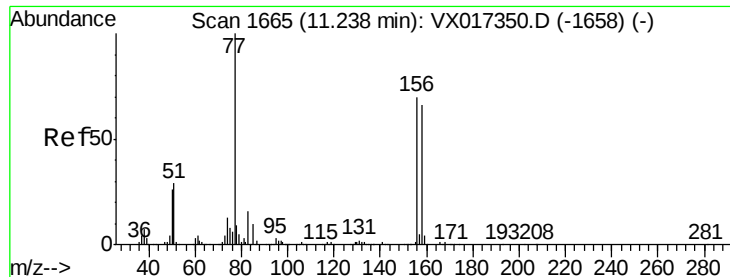
77 40.3 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.207 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

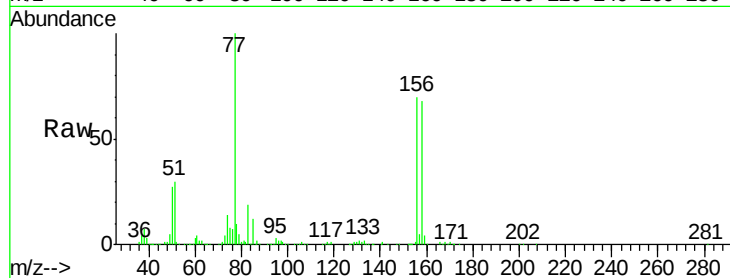
Tot Ion:156 Resp: 212862

Ion Ratio Lower Upper

156 100

77 150.2 72.1 216.3

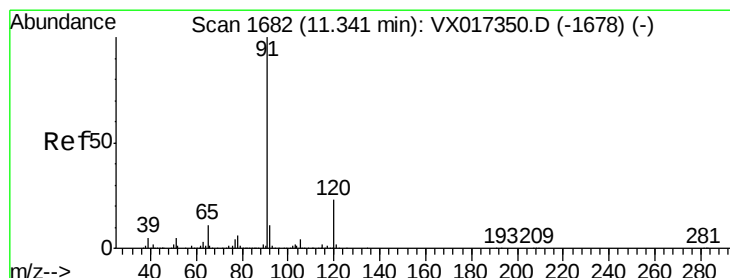
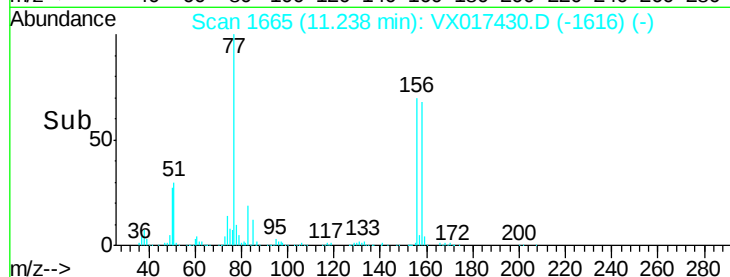
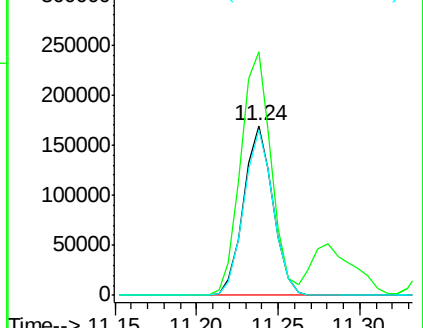
158 97.9 47.4 142.3



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: 50.335 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017430.D

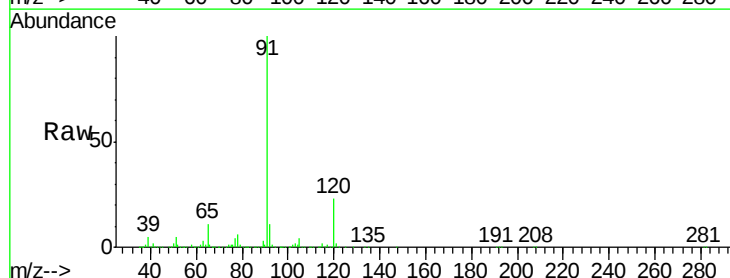
Acq: 20 Jul 2020 09:50

Tgt Ion: 91 Resp: 934569

Ion Ratio Lower Upper

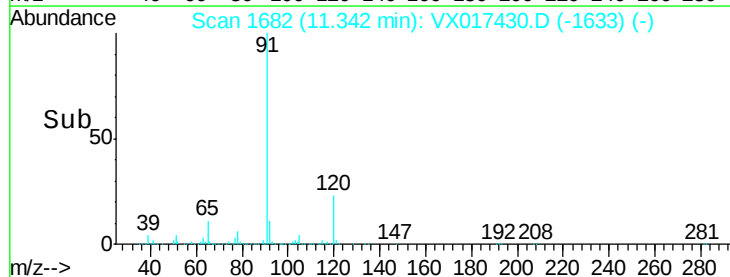
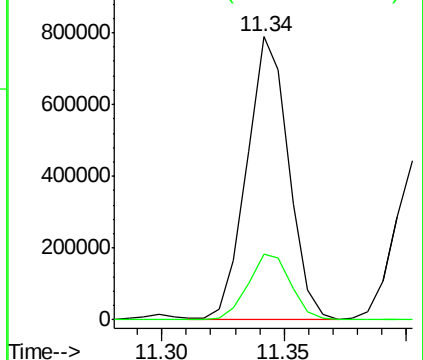
91 100

120 24.0 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: 47.923 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

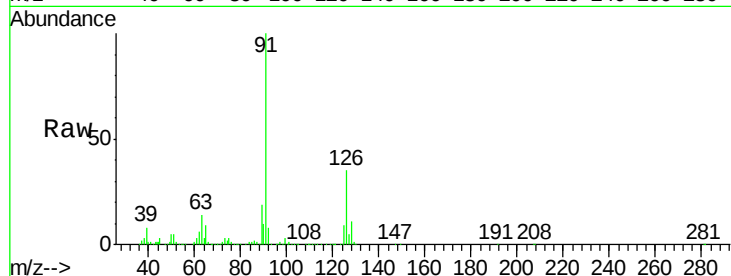
VSTDCCC050

Tot Ion: 91 Resp: 548323

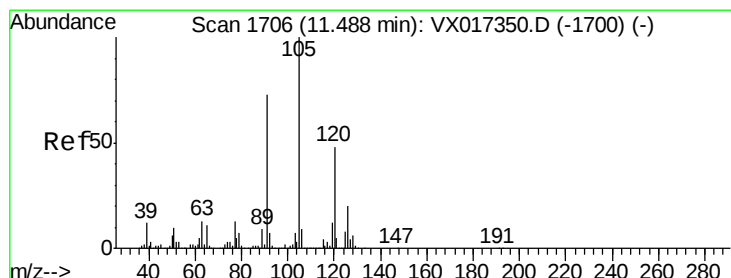
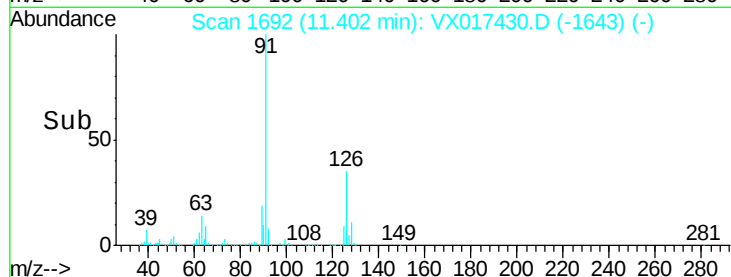
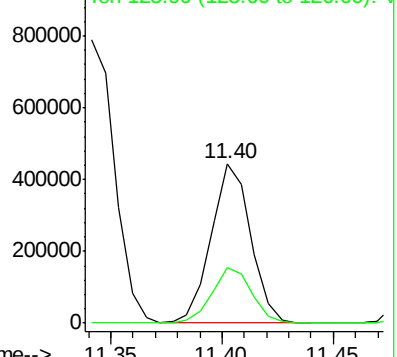
Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017430.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.524 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017430.D

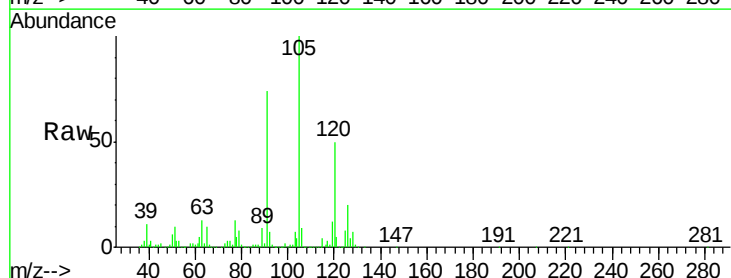
Acq: 20 Jul 2020 09:50

Tgt Ion: 105 Resp: 680965

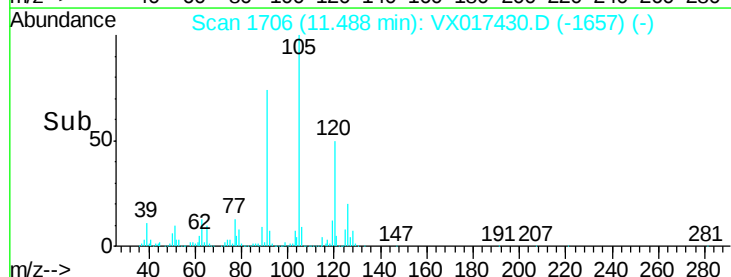
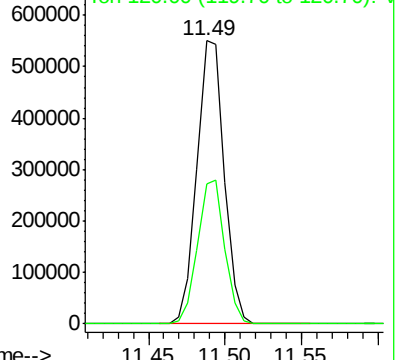
Ion Ratio Lower Upper

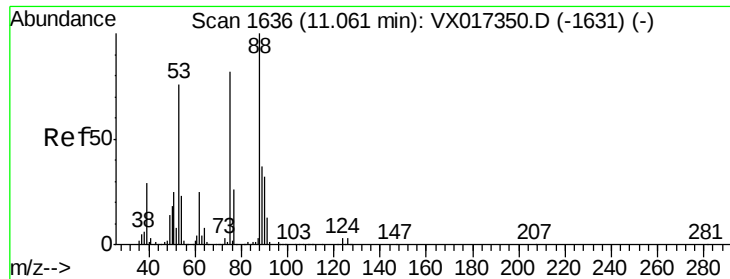
105 100

120 50.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX017430.D (-1657) (-)

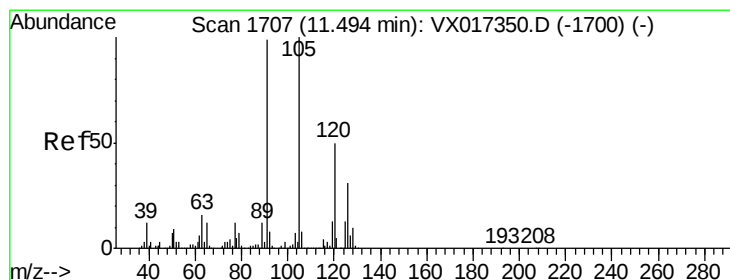
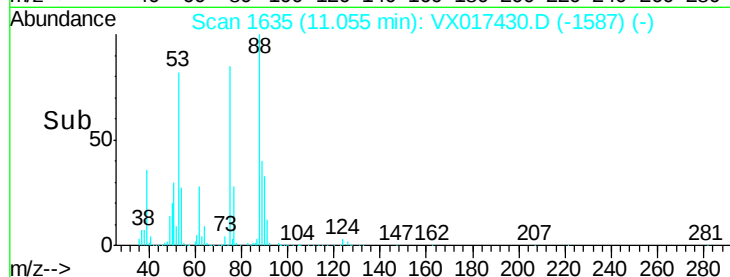
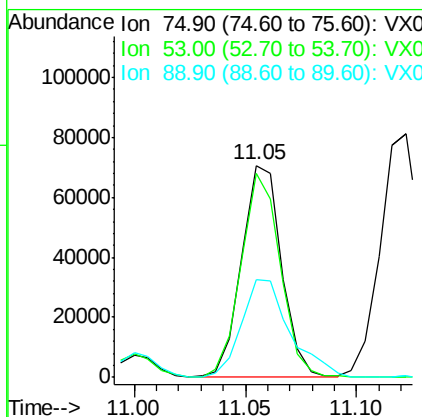
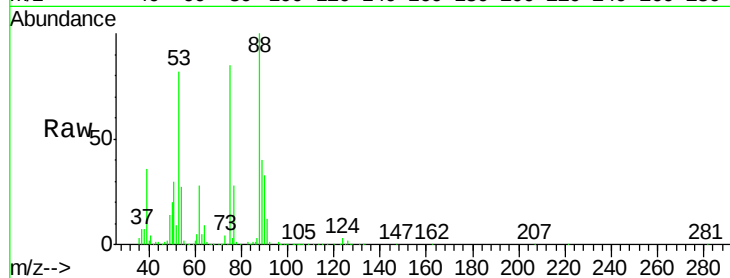




#81
trans-1,4-Dichloro-2-butene
Concen: 45.637 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

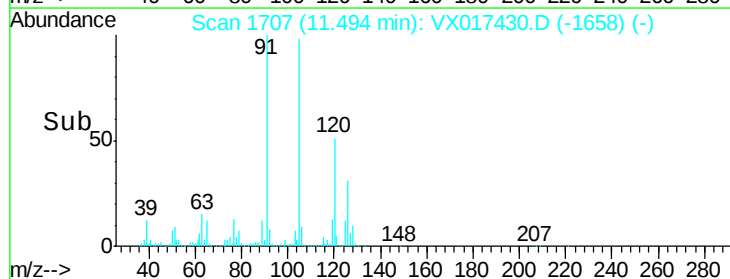
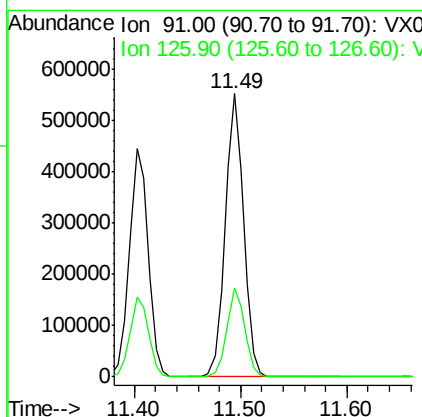
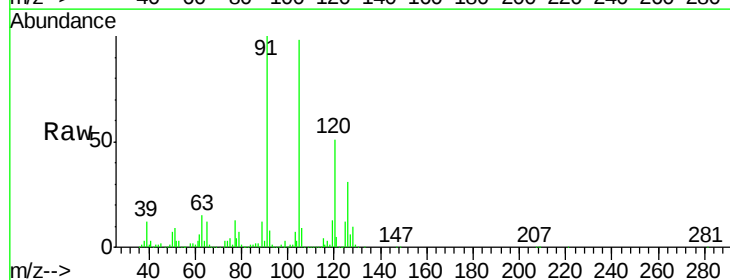
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

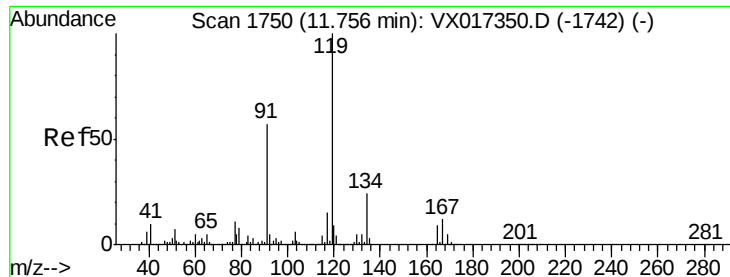
Tot Ion: 75 Resp: 87670
Ion Ratio Lower Upper
75 100
53 95.6 76.5 114.7
89 56.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 48.980 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 91 Resp: 664166
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2

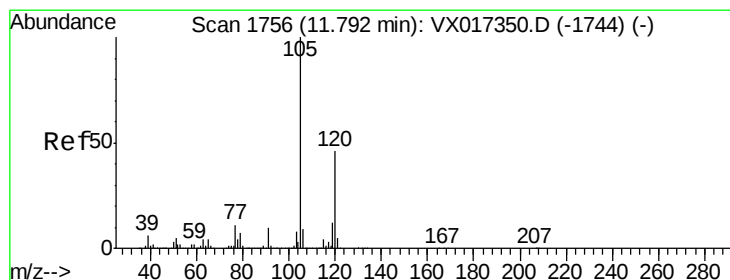
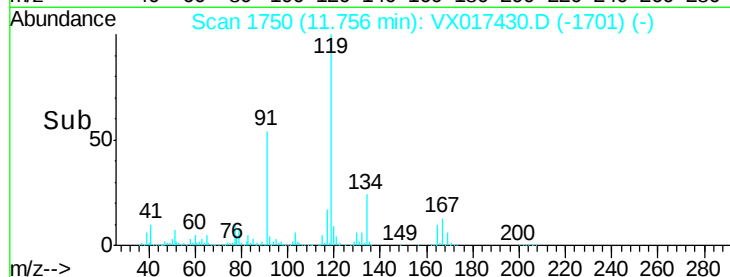
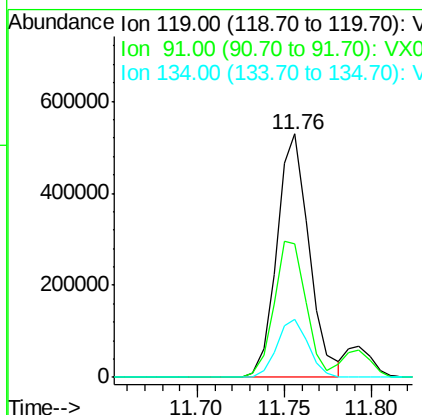
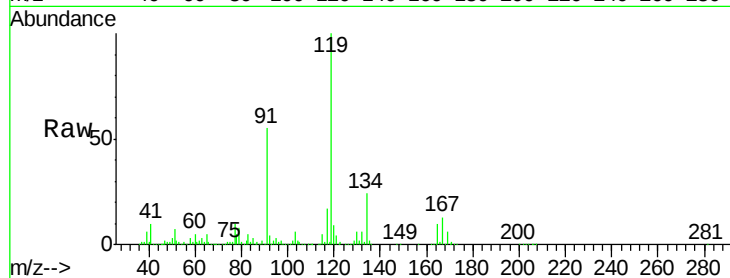




#83
tert-Butylbenzene
Concen: 50.109 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

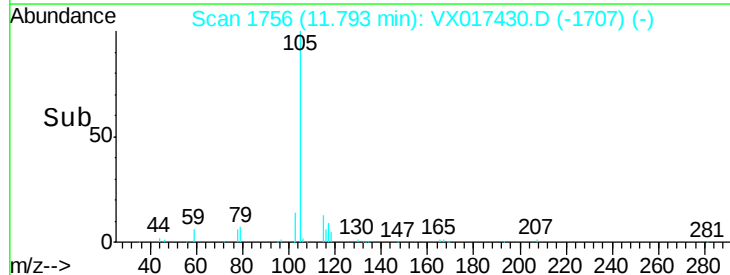
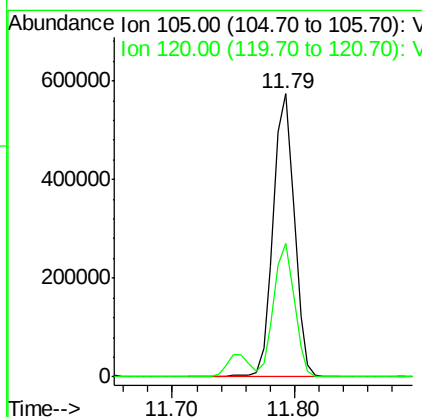
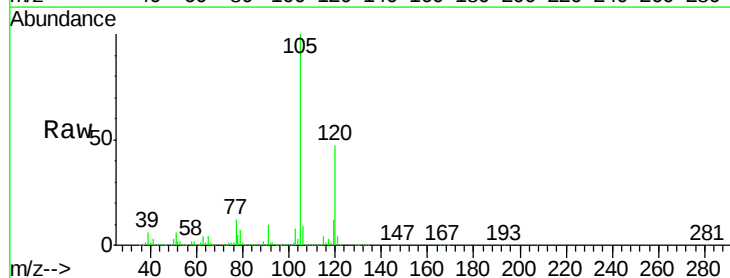
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

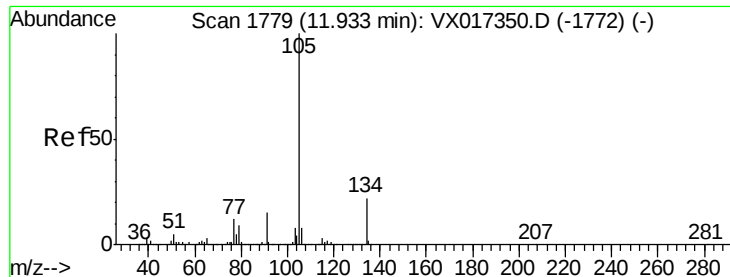
Tot Ion:119 Resp: 679770
Ion Ratio Lower Upper
119 100
91 55.5 28.5 85.6
134 23.3 11.9 35.9



#84
1,2,4-Trimethylbenzene
Concen: 48.549 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion:105 Resp: 688302
Ion Ratio Lower Upper
105 100
120 46.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 50.050 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

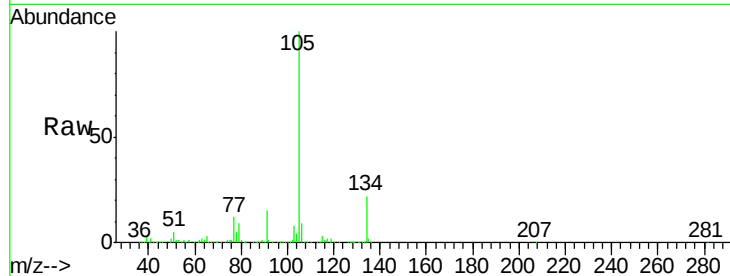
VSTDCCC050

Tot Ion:105 Resp: 794903

Ion Ratio Lower Upper

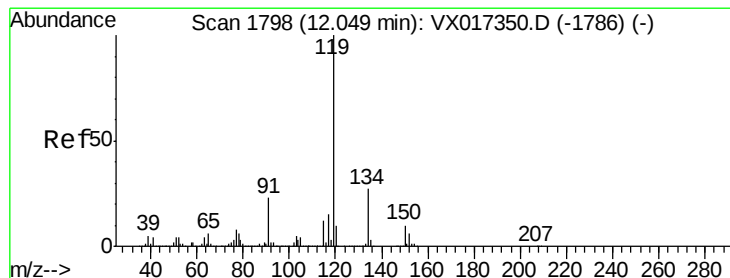
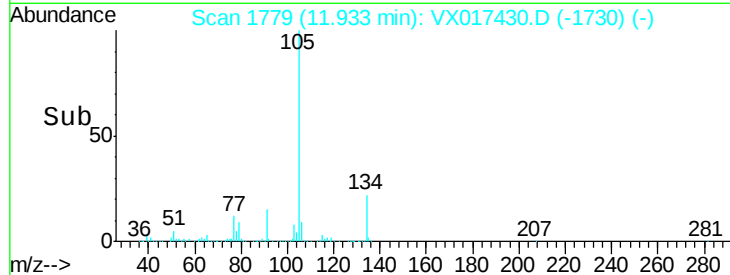
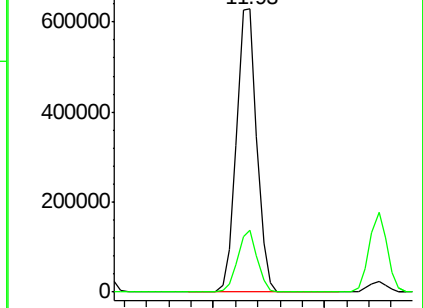
105 100

134 21.1 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: 49.760 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

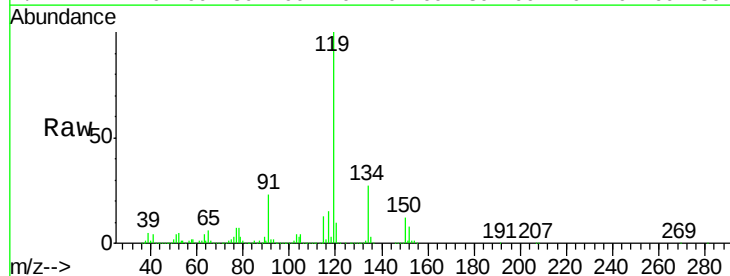
Tgt Ion:119 Resp: 747773

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

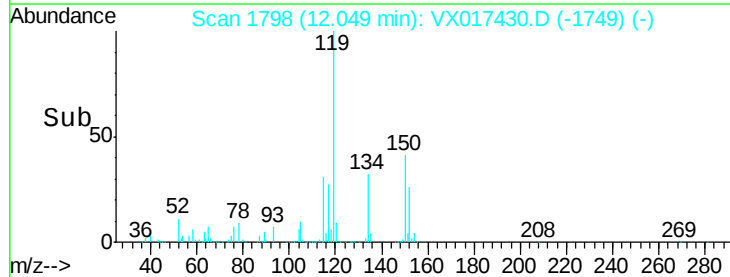
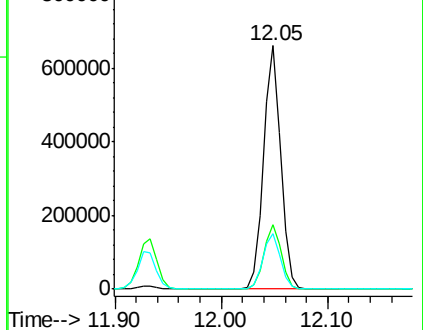
91 23.4 11.8 35.3

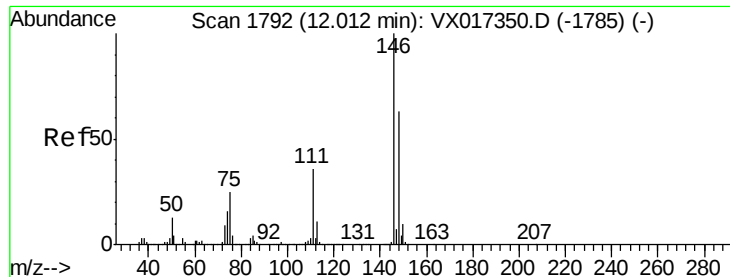


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

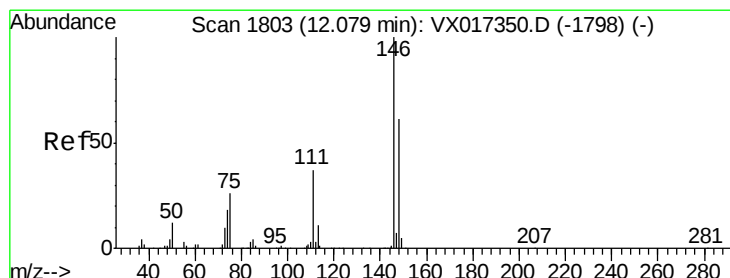
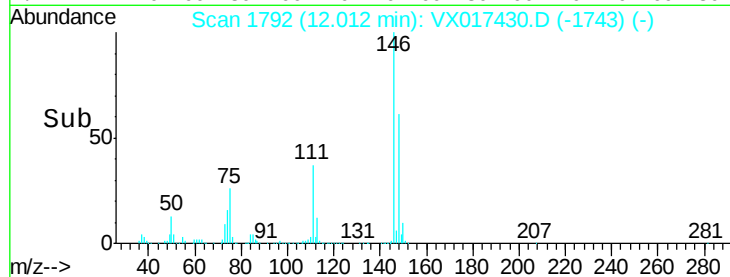
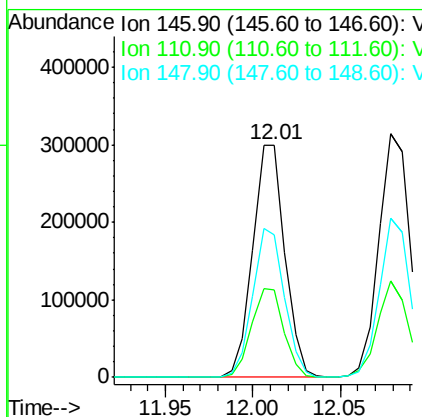
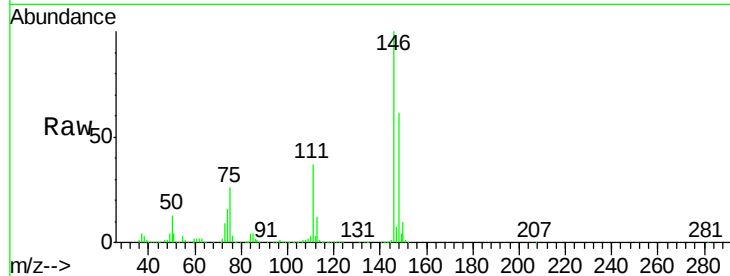




#87
 1,3-Dichlorobenzene
 Concen: 45.681 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

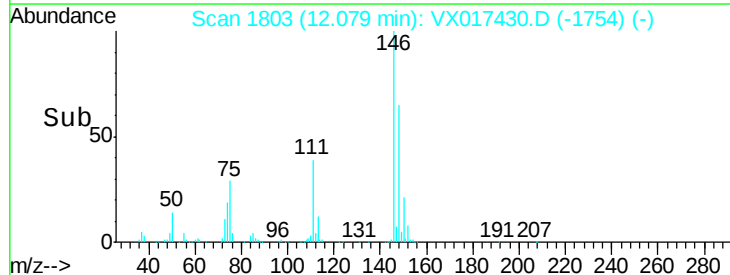
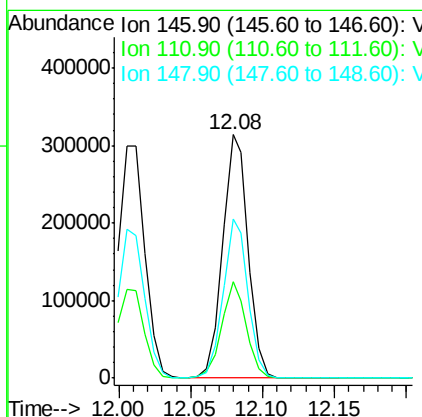
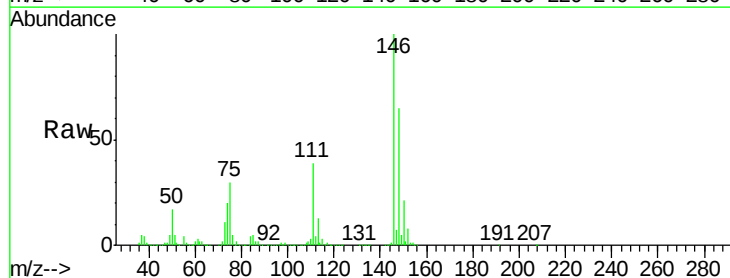
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

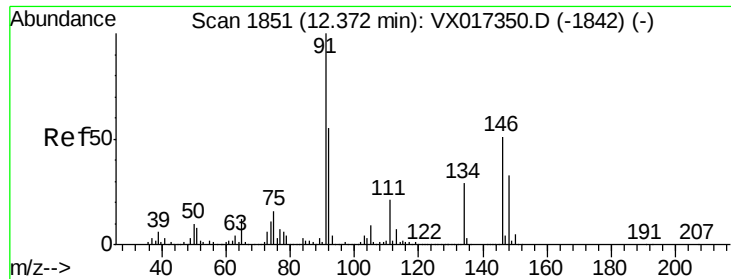
Tot Ion:146 Resp: 384781
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.2 57.6
 148 62.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 45.782 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion:146 Resp: 389599
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 63.9 31.9 95.9

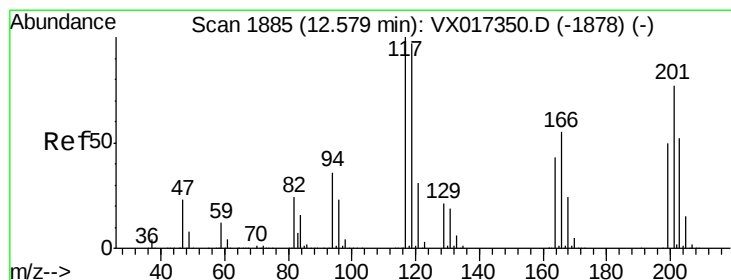
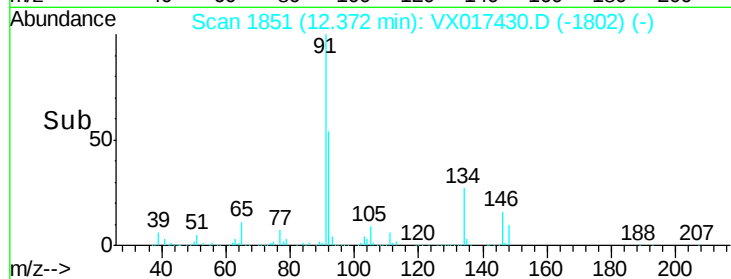
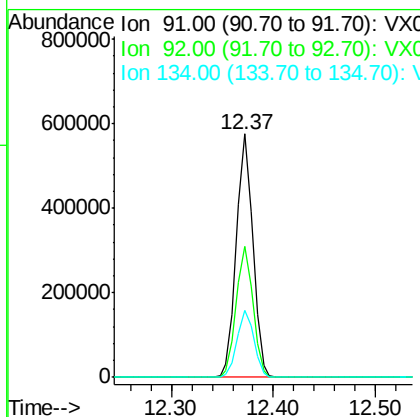
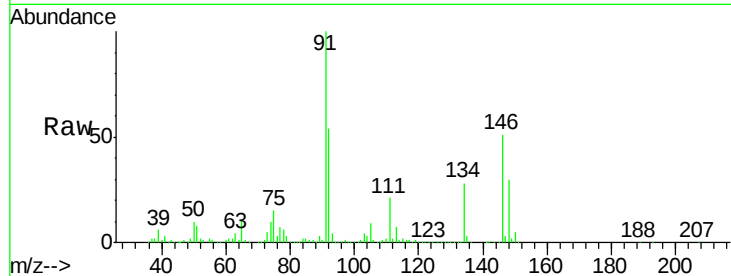




#89
n-Butylbenzene
Concen: 49.934 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

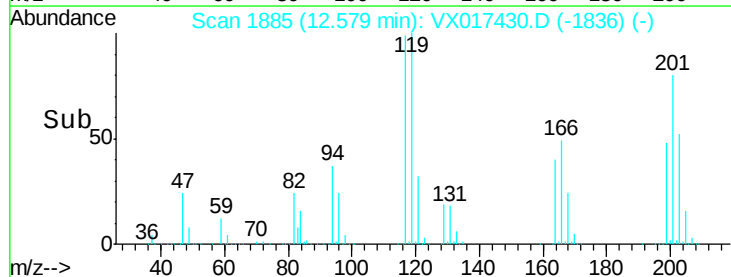
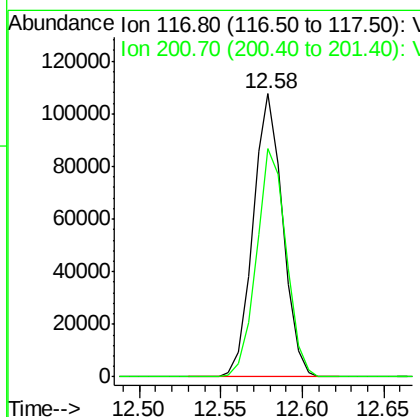
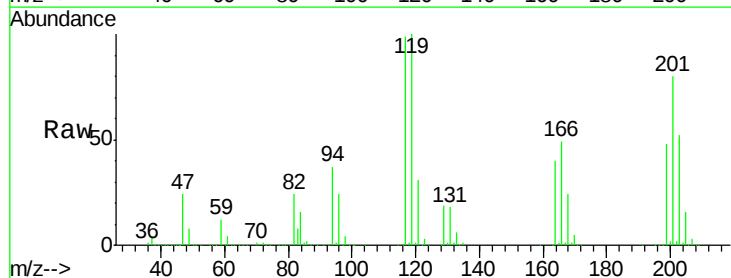
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

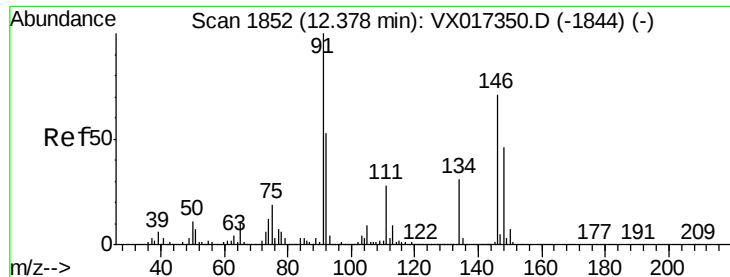
Tot Ion: 91 Resp: 639969
Ion Ratio Lower Upper
91 100
92 54.5 27.0 81.0
134 27.9 14.1 42.2



#90
Hexachloroethane
Concen: 47.635 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017430.D
Acq: 20 Jul 2020 09:50

Tgt Ion: 117 Resp: 135903
Ion Ratio Lower Upper
117 100
201 80.8 41.0 123.0

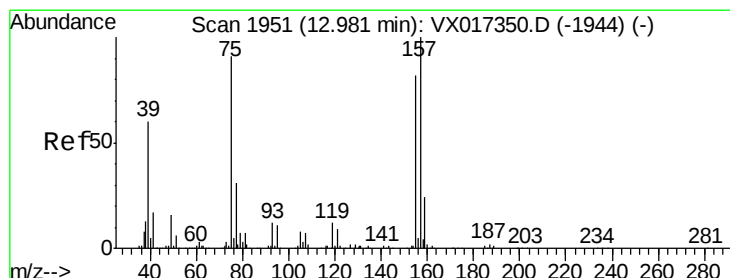
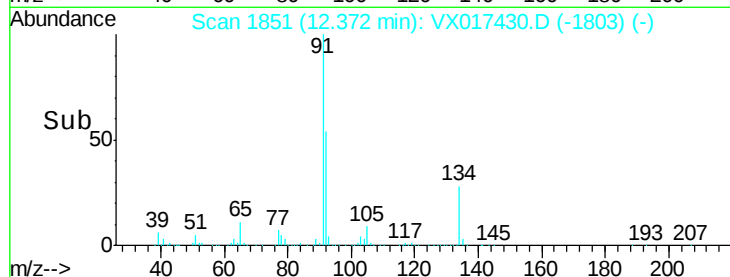
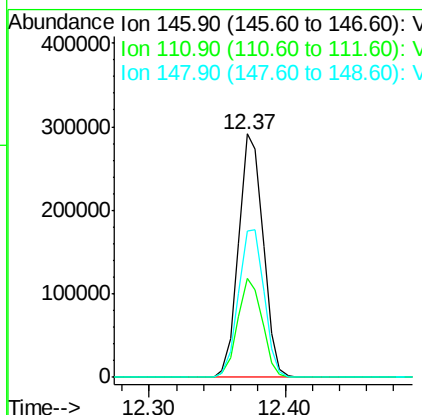
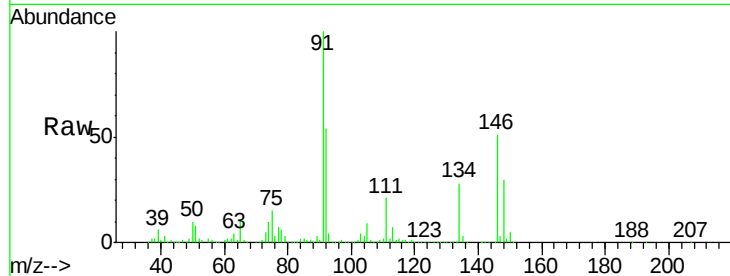




#91
 1,2-Dichlorobenzene
 Concen: 46.309 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

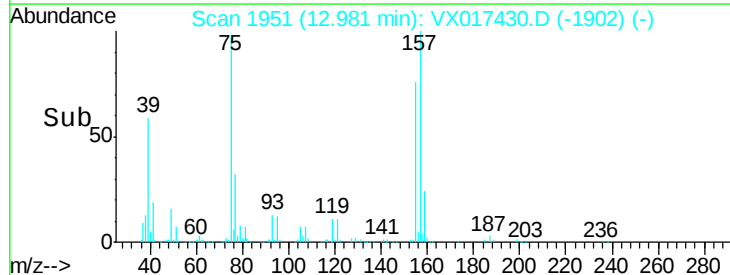
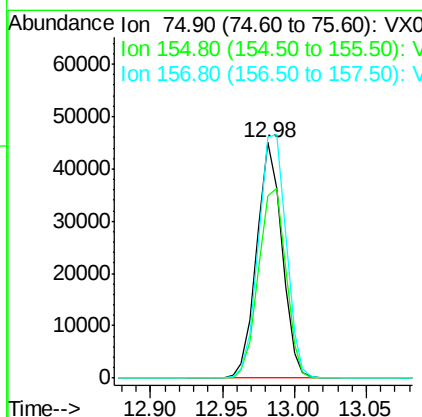
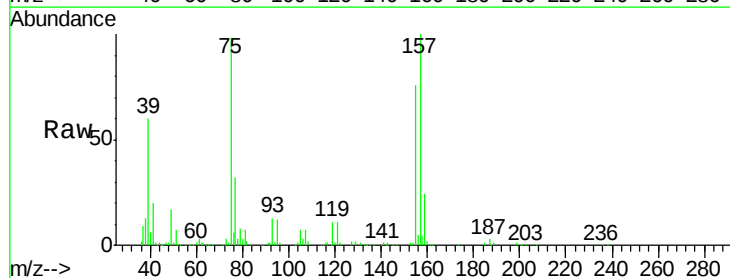
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

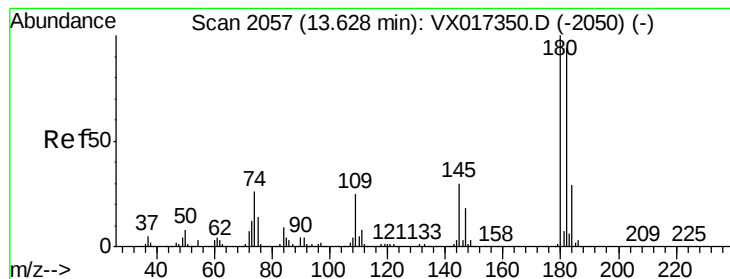
Tot Ion:146 Resp: 366565
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.103 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017430.D
 Acq: 20 Jul 2020 09:50

Tgt Ion: 75 Resp: 54440
 Ion Ratio Lower Upper
 75 100
 155 87.4 46.5 139.3
 157 113.3 58.0 173.9





#93

1,2,4-Trichlorobenzene

Concen: 45.559 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

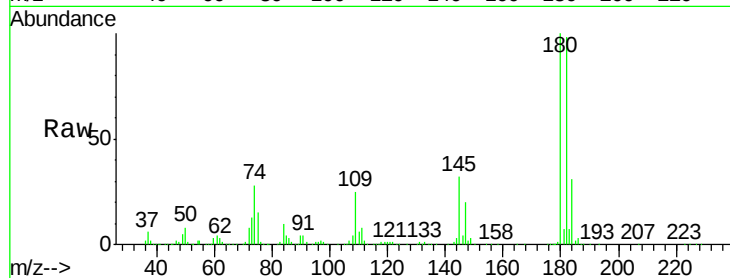
Tot Ion:180 Resp: 250333

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.0

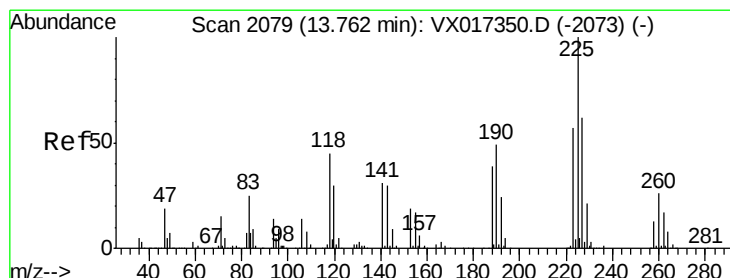
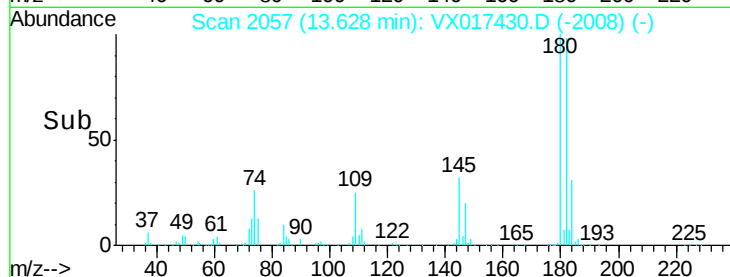
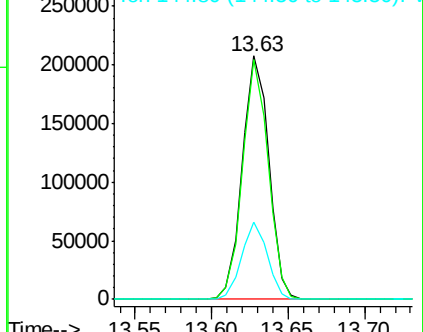
145 30.6 15.3 45.8



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: 46.057 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

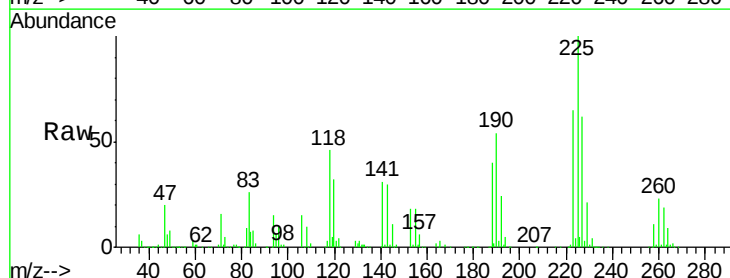
Tgt Ion:225 Resp: 103205

Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

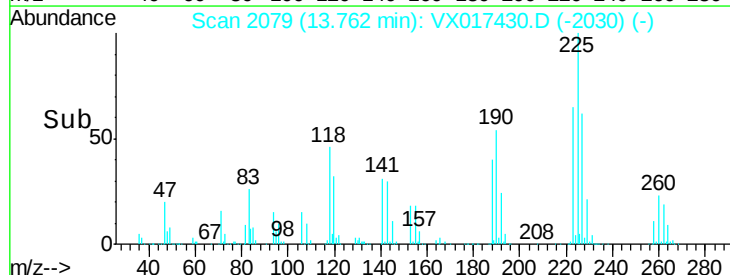
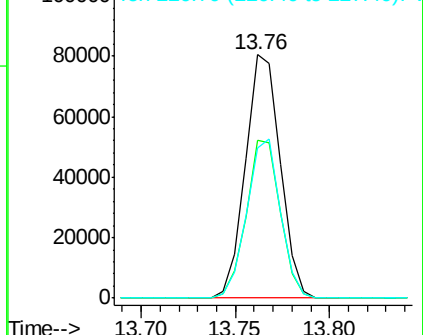
227 63.3 31.6 95.0

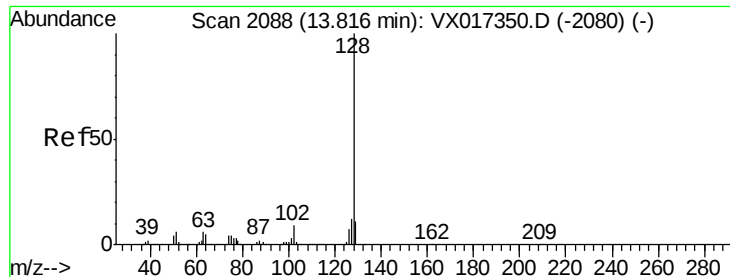


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.080 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

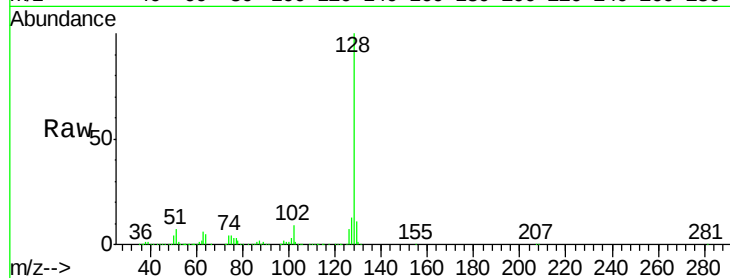
Tot Ion:128 Resp: 760619

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

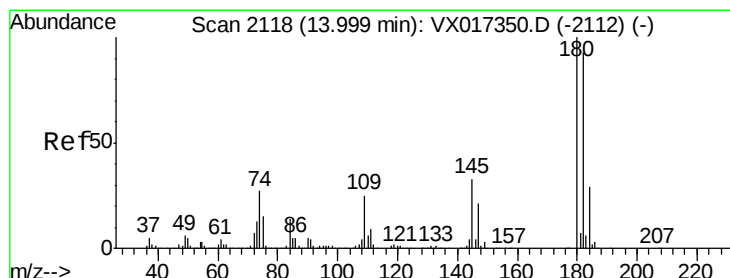
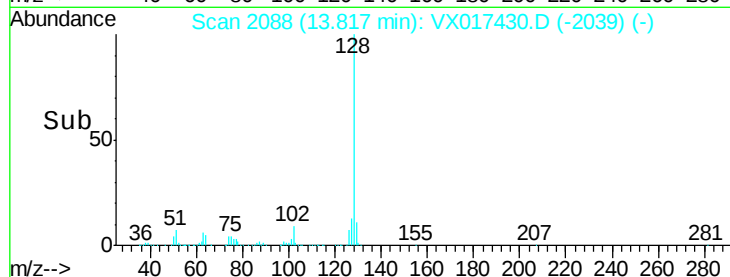
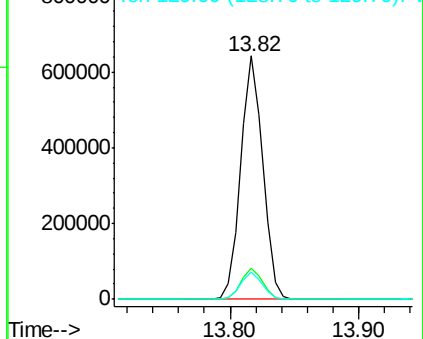
129 10.9 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 45.471 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017430.D

Acq: 20 Jul 2020 09:50

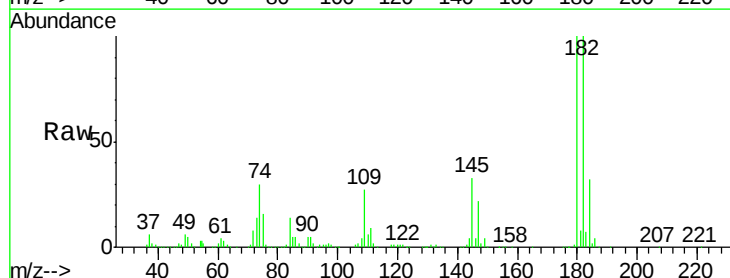
Tgt Ion:180 Resp: 241351

Ion Ratio Lower Upper

180 100

182 98.0 48.8 146.3

145 32.2 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

