

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101220\
 Data File : VX018923.D
 Acq On : 12 Oct 2020 22:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 13 04:11:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	370250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163172	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
35) Dibromofluoromethane	5.46	113	124460	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.70	98	443115	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.12	95	176565	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136762	46.267	ug/l	97
3) Chloromethane	1.31	50	107648	45.823	ug/l	96
4) Vinyl Chloride	1.39	62	129519	49.321	ug/l	99
5) Bromomethane	1.63	94	89634	61.285	ug/l	98
6) Chloroethane	1.71	64	82939	47.156	ug/l	95
7) Trichlorofluoromethane	1.92	101	224692	43.408	ug/l	96
8) Diethyl Ether	2.17	74	72467	50.232	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	113161	45.519	ug/l	99
10) Methyl Iodide	2.50	142	119952	46.250	ug/l	95
11) Tert butyl alcohol	3.01	59	149568	256.883	ug/l	98
12) 1,1-Dichloroethene	2.35	96	113575	49.112	ug/l	97
13) Acrolein	2.28	56	109207	225.432	ug/l	99
14) Allyl chloride	2.71	41	197971	47.170	ug/l	94
15) Acrylonitrile	3.12	53	320157	259.270	ug/l	100
16) Acetone	2.42	43	307692	219.882	ug/l	98
17) Carbon Disulfide	2.55	76	321460	47.359	ug/l	100
18) Methyl Acetate	2.75	43	151623	49.339	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	386054	49.741	ug/l	99
20) Methylene Chloride	2.83	84	133365	50.572	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	128755	47.956	ug/l	99
22) Diisopropyl ether	3.82	45	363053	48.334	ug/l	94
23) Vinyl Acetate	3.79	43	1815048	251.253	ug/l	98
24) 1,1-Dichloroethane	3.67	63	234325	46.399	ug/l	99
25) 2-Butanone	4.63	43	485992	242.713	ug/l	100
26) 2,2-Dichloropropane	4.56	77	184266	37.817	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	143339	48.075	ug/l	95
28) Bromochloromethane	4.98	49	107157	48.102	ug/l	98
29) Tetrahydrofuran	5.09	42	275359	256.316	ug/l	98
30) Chloroform	5.18	83	253313	45.527	ug/l	97
31) Cyclohexane	5.55	56	170164	49.282	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	240390	45.463	ug/l	98
36) 1,1-Dichloropropene	5.77	75	180016	46.243	ug/l	99
37) Ethyl Acetate	4.79	43	192853	51.301	ug/l	100
38) Carbon Tetrachloride	5.76	117	221523	45.912	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	172020	47.937	ug/l	97
40) Benzene	6.12	78	512859	49.037	ug/l	99
41) Methacrylonitrile	5.00	41	105318	48.294	ug/l	99
42) 1,2-Dichloroethane	6.16	62	217451	44.349	ug/l	98
43) Isopropyl Acetate	6.41	43	302590	48.434	ug/l	98
44) Trichloroethene	7.19	130	148024	47.195	ug/l	97
45) 1,2-Dichloropropane	7.49	63	133086	48.092	ug/l	99
46) Dibromomethane	7.64	93	97138	47.499	ug/l	95
47) Bromodichloromethane	7.88	83	208061	46.949	ug/l	97
48) Methyl methacrylate	7.75	41	156902	49.495	ug/l	97
49) 1,4-Dioxane	7.71	88	40230	905.066	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	968551	265.617	ug/l	99
52) Toluene	8.77	92	335763	50.027	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	220171	47.981	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	229496	48.618	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	137877	47.826	ug/l	97
56) Ethyl methacrylate	9.16	69	203476	48.446	ug/l	97
57) 1,3-Dichloropropane	9.35	76	235276	50.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	554279	265.737	ug/l	99
59) 2-Hexanone	9.47	43	741519	266.912	ug/l	99
60) Dibromochloromethane	9.57	129	176140	48.672	ug/l	98
61) 1,2-Dibromoethane	9.65	107	151370	48.962	ug/l	99
64) Tetrachloroethene	9.32	164	133243	50.801	ug/l	94
65) Chlorobenzene	10.12	112	368708	47.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156102	48.726	ug/l	97
67) Ethyl Benzene	10.23	91	654905	49.991	ug/l	100
68) m/p-Xylenes	10.34	106	495580	99.570	ug/l	99
69) o-Xylene	10.68	106	236712	50.479	ug/l	97
70) Styrene	10.69	104	412593	51.972	ug/l	98
71) Bromoform	10.84	173	140797	50.811	ug/l #	98
73) Isopropylbenzene	11.00	105	655761	50.882	ug/l	100
74) N-amyl acetate	10.88	43	273411	53.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	209658	48.808	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	254896	60.045	ug/l	87
77) Bromobenzene	11.24	156	184104	52.003	ug/l	96
78) n-propylbenzene	11.34	91	740169	50.401	ug/l	100
79) 2-Chlorotoluene	11.40	91	453800	49.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	569883	51.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	70005	46.734	ug/l	92
82) 4-Chlorotoluene	11.49	91	545437	50.110	ug/l	100
83) tert-Butylbenzene	11.76	119	561299	50.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	571793	51.023	ug/l	100
85) sec-Butylbenzene	11.93	105	631927	50.809	ug/l	98
86) p-Isopropyltoluene	12.05	119	599195	50.782	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320989	49.369	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322271	48.934	ug/l	98
89) n-Butylbenzene	12.37	91	508802	49.630	ug/l	100
90) Hexachloroethane	12.58	117	97982	44.667	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	302696	48.909	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51426	46.810	ug/l	90

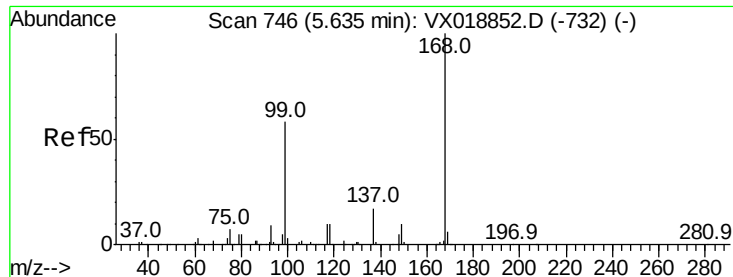
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217575	54.798	ug/l	94
94) Hexachlorobutadiene	13.77	225	100298	56.872	ug/l	95
95) Naphthalene	13.82	128	643055	48.602	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	205247	52.835	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

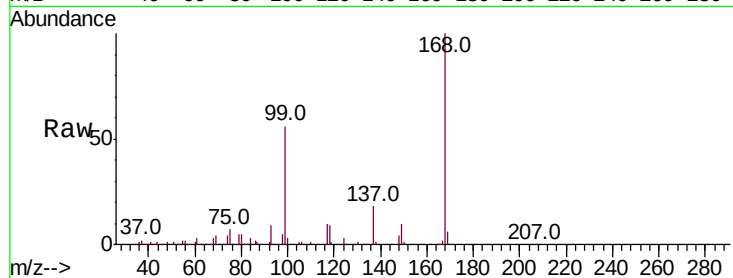
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 250648

Ion Ratio Lower Upper

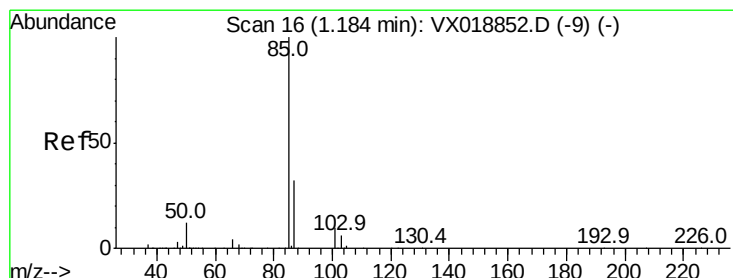
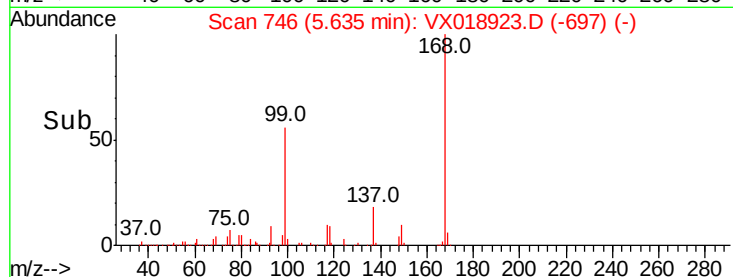
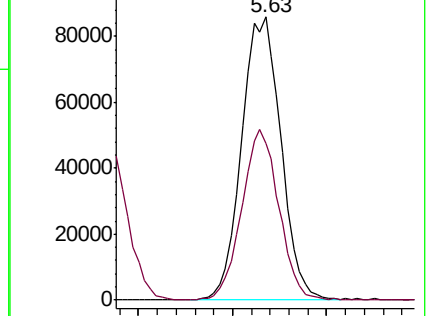
168 100

99 55.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.267 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018923.D

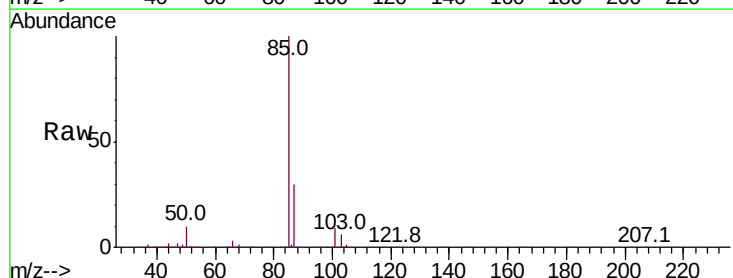
Acq: 12 Oct 2020 22:48

Tgt Ion: 85 Resp: 136762

Ion Ratio Lower Upper

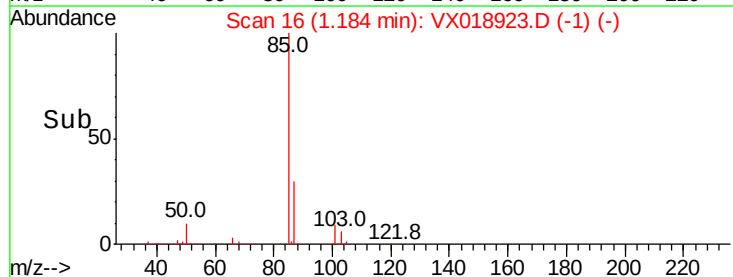
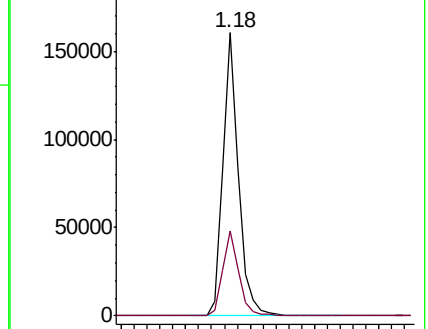
85 100

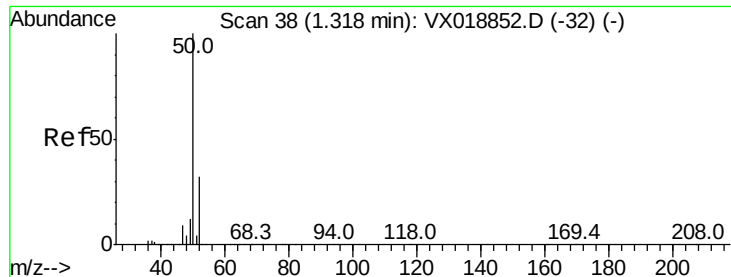
87 30.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.823 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

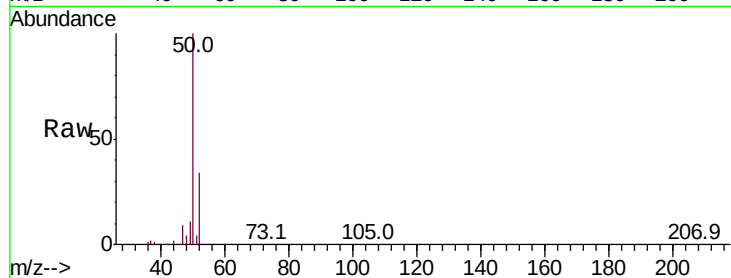
VSTDCCC050EC

Tot Ion: 50 Resp: 107648

Ion Ratio Lower Upper

50 100

52 33.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

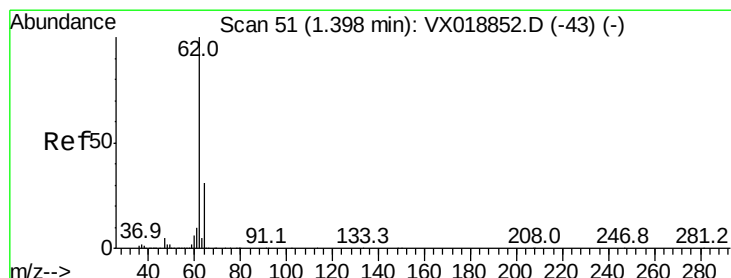
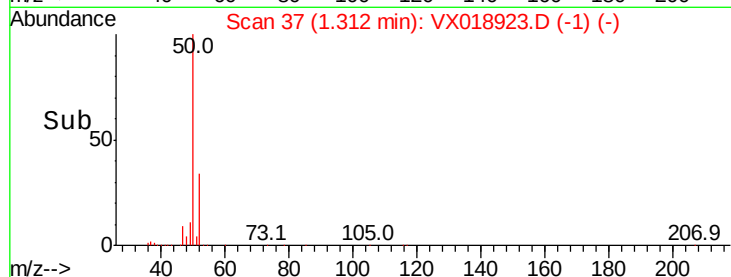
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 49.321 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018923.D

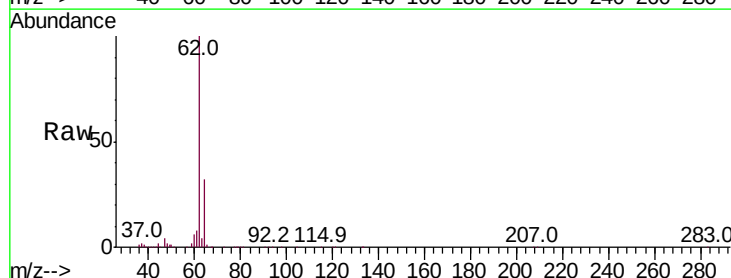
Acq: 12 Oct 2020 22:48

Tgt Ion: 62 Resp: 129519

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

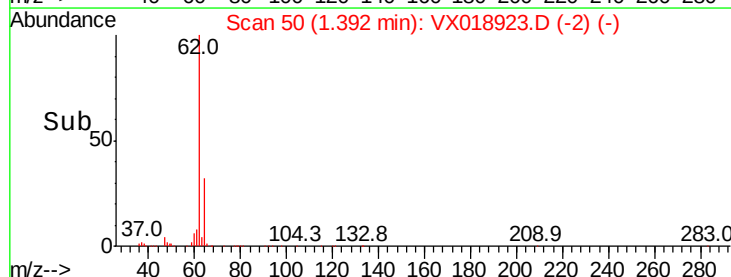
150000

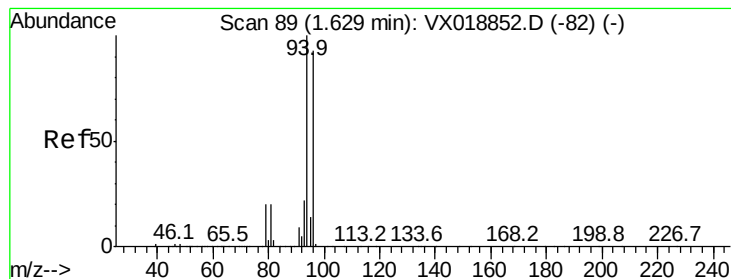
100000

50000

0

Time-->





#5

Bromomethane

Concen: 61.285 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

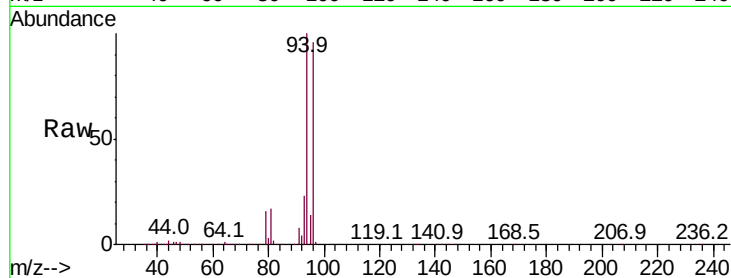
VSTDCCC050EC

Tot Ion: 94 Resp: 89634

Ion Ratio Lower Upper

94 100

96 95.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

60000

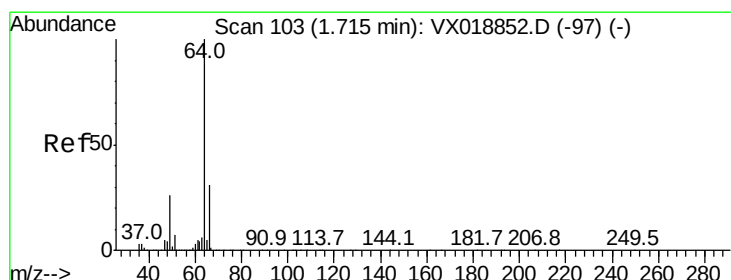
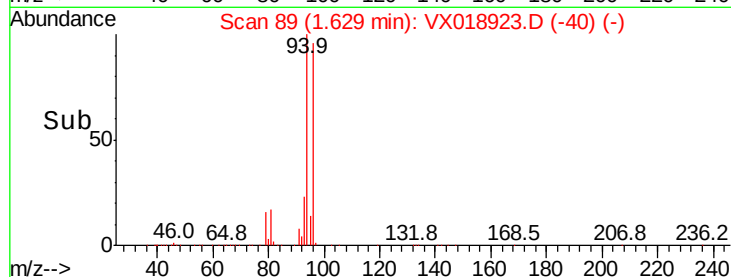
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 47.156 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018923.D

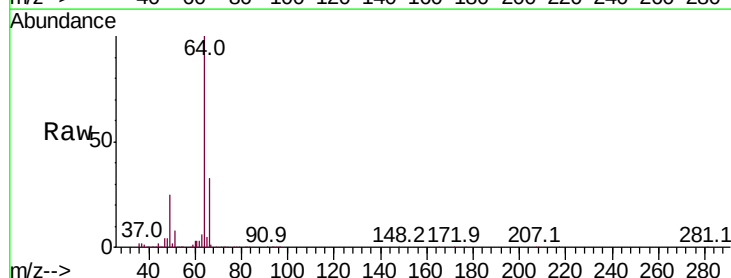
Acq: 12 Oct 2020 22:48

Tgt Ion: 64 Resp: 82939

Ion Ratio Lower Upper

64 100

66 33.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

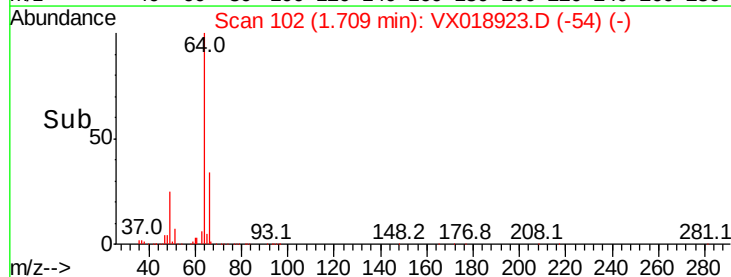
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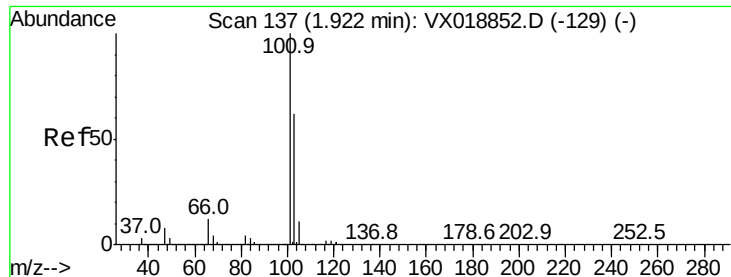
20000

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Time-->

1.65 1.70 1.75 1.80



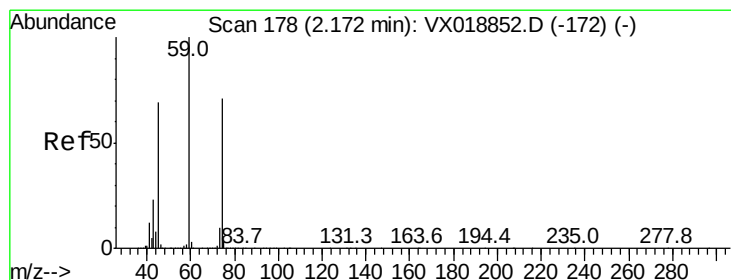
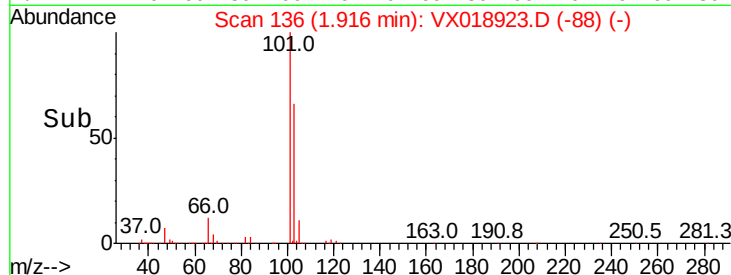
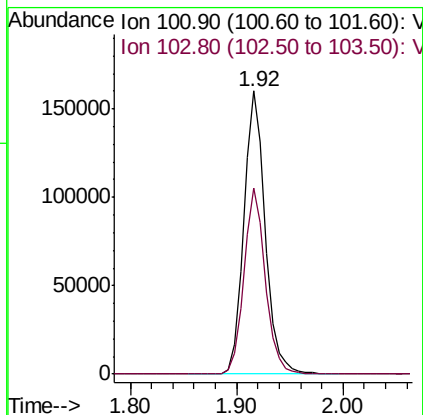
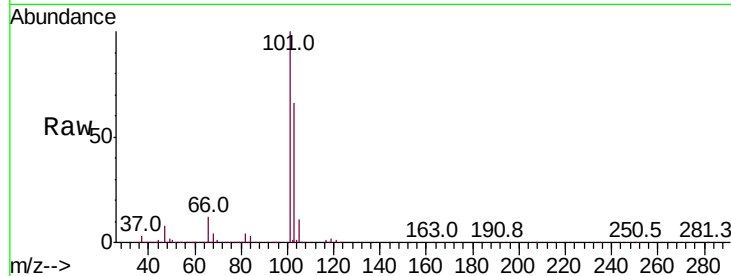


#7

Trichlorofluoromethane
 Concen: 43.408 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

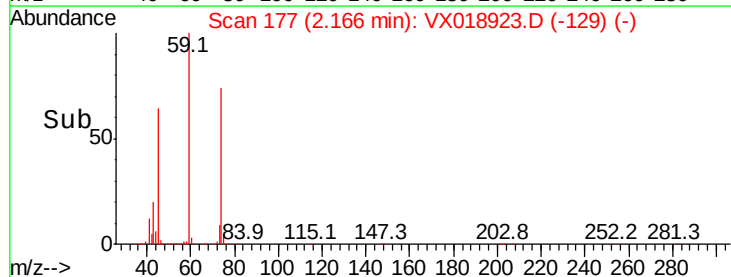
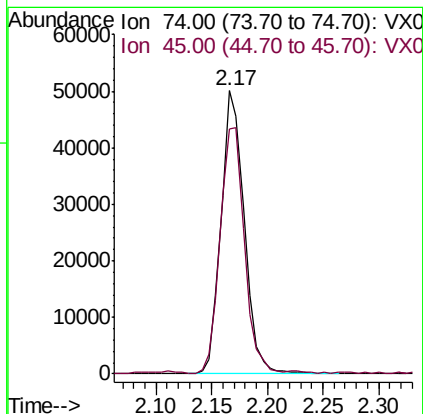
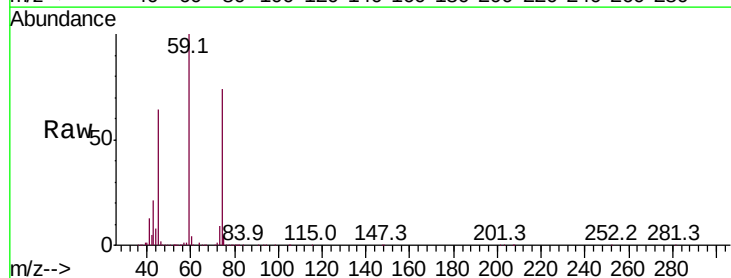
Tot Ion:101 Resp: 224692
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.0 75.0

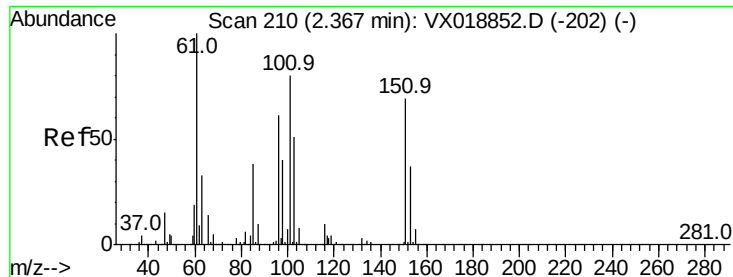


#8

Diethyl Ether
 Concen: 50.232 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 74 Resp: 72467
 Ion Ratio Lower Upper
 74 100
 45 90.3 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.519 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

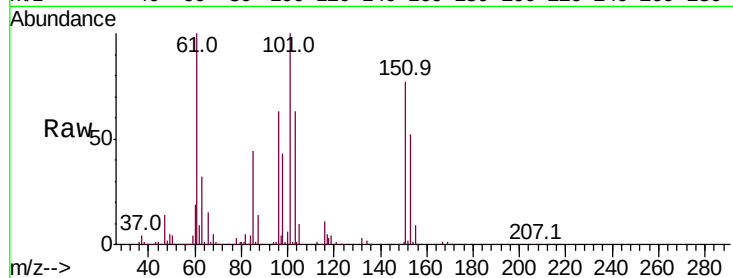
Tot Ion:101 Resp: 113161

Ion Ratio Lower Upper

101 100

85 45.0 36.6 55.0

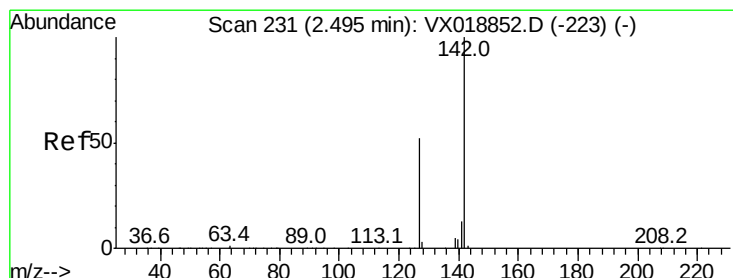
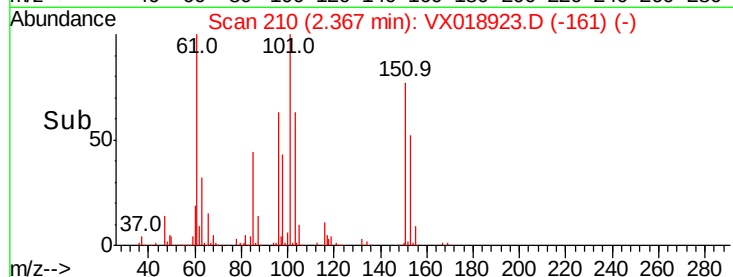
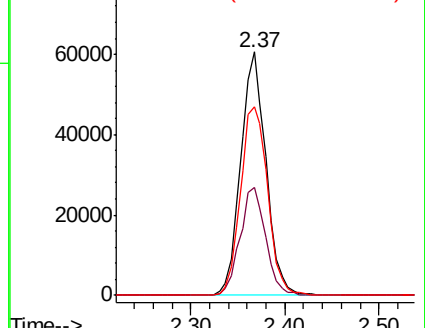
151 83.3 67.2 100.8



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: 46.250 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

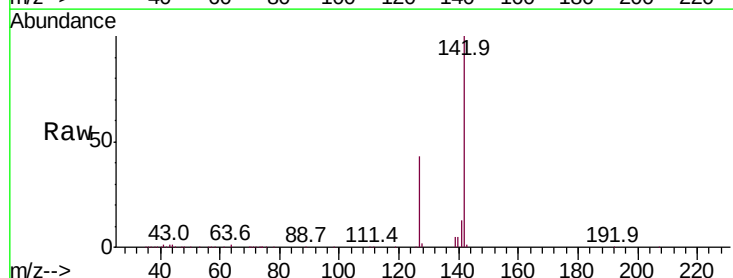
Tgt Ion:142 Resp: 119952

Ion Ratio Lower Upper

142 100

127 48.1 42.0 63.0

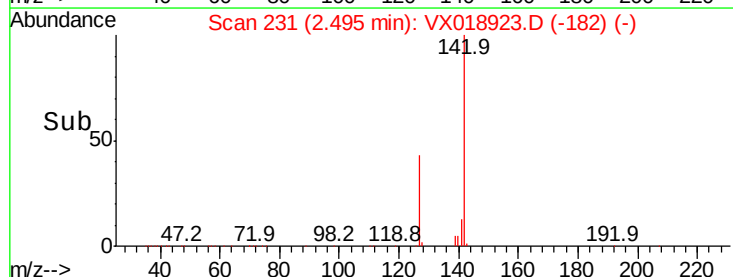
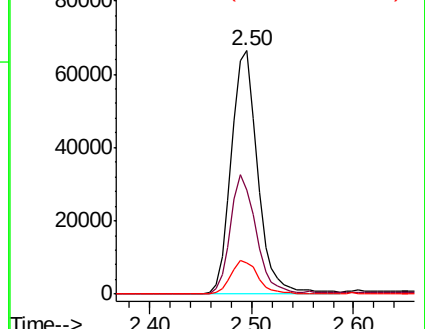
141 14.1 11.8 17.6

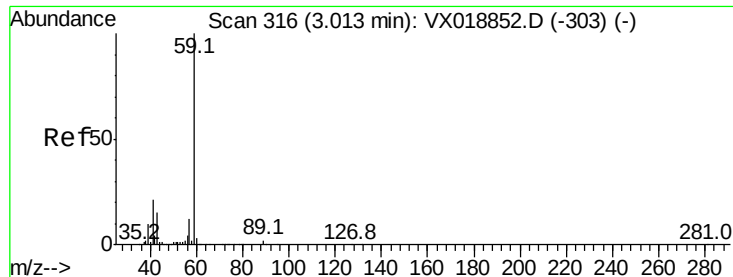


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



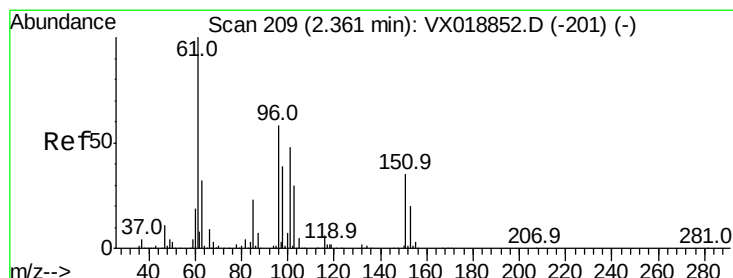
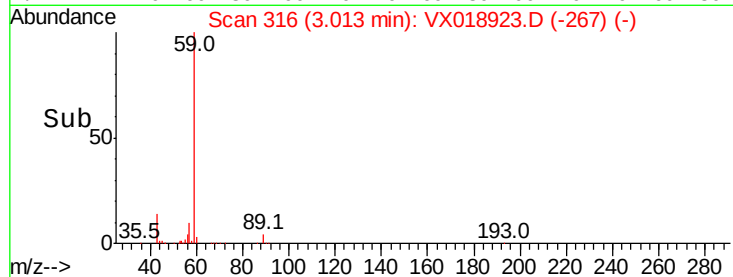
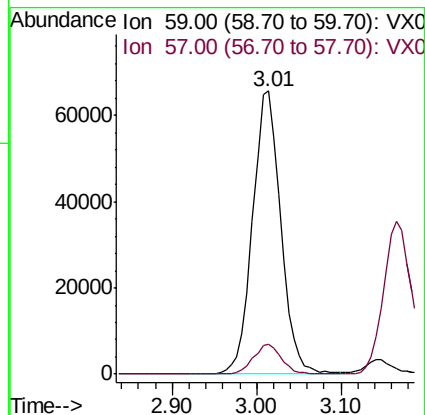
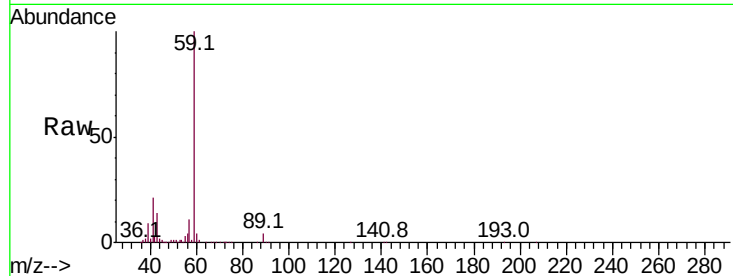


#11

Tert butyl alcohol
 Concen: 256.883 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

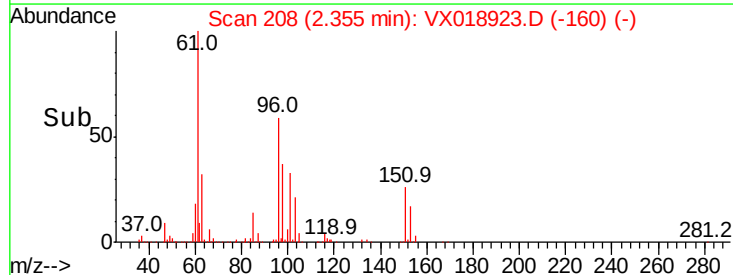
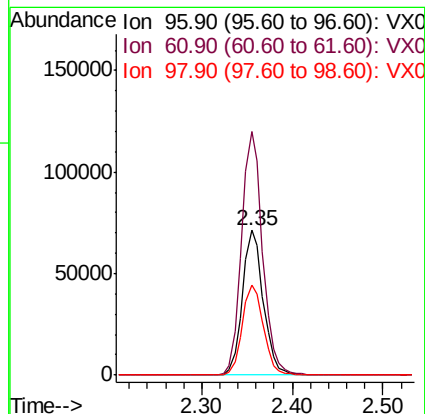
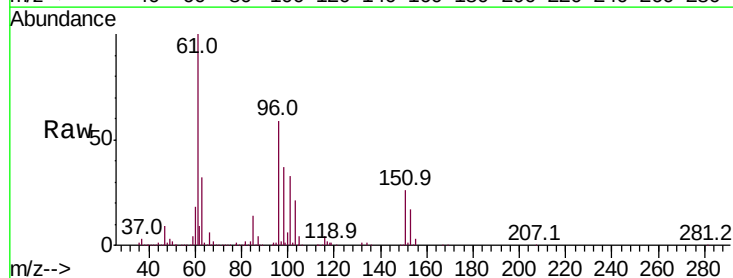
Tot Ion: 59 Resp: 149568
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.0 13.6

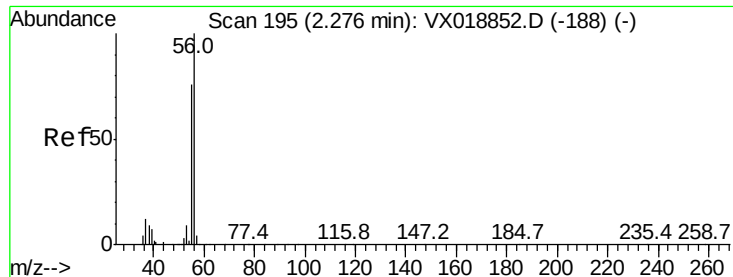


#12

1,1-Dichloroethene
 Concen: 49.112 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 96 Resp: 113575
 Ion Ratio Lower Upper
 96 100
 61 168.1 137.0 205.6
 98 62.5 53.9 80.9





#13

Acrolein

Concen: 225.432 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

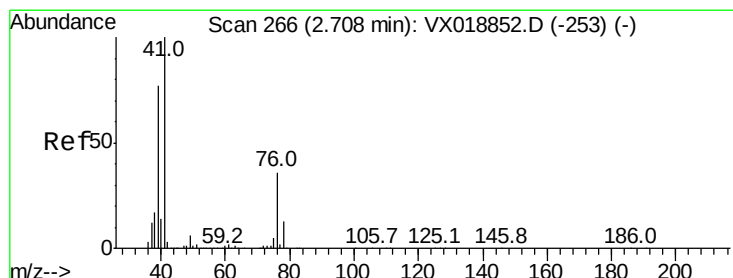
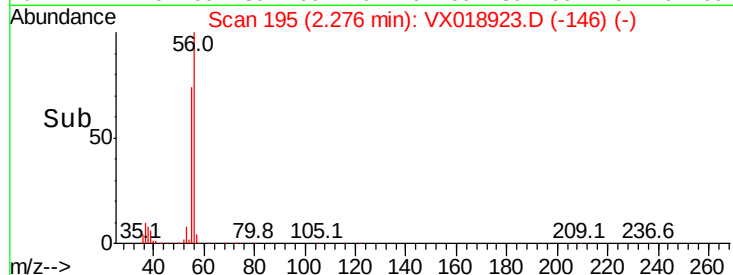
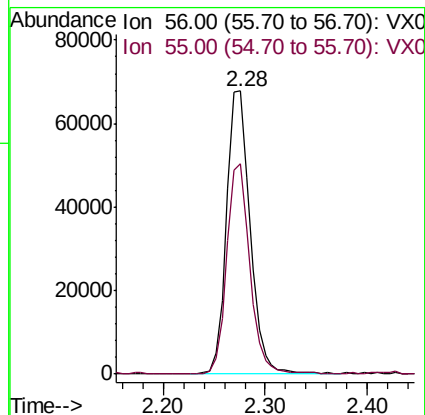
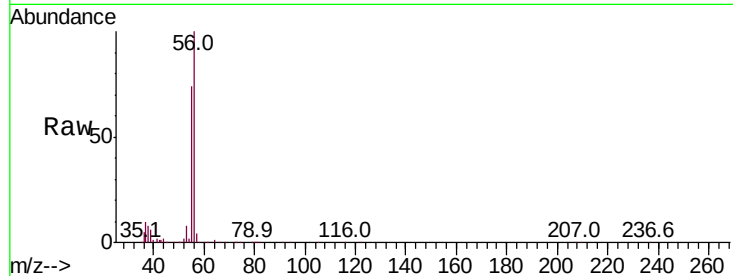
VSTDCCC050EC

Tot Ion: 56 Resp: 109207

Ion Ratio Lower Upper

56 100

55 72.0 58.6 87.8



#14

Allyl chloride

Concen: 47.170 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

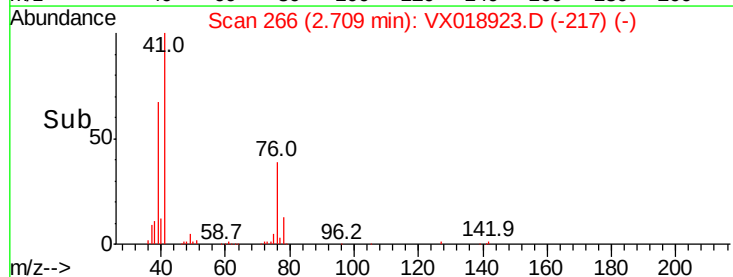
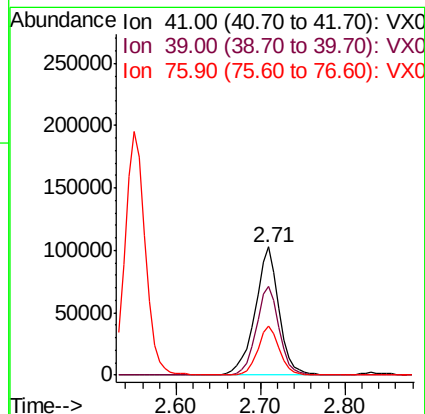
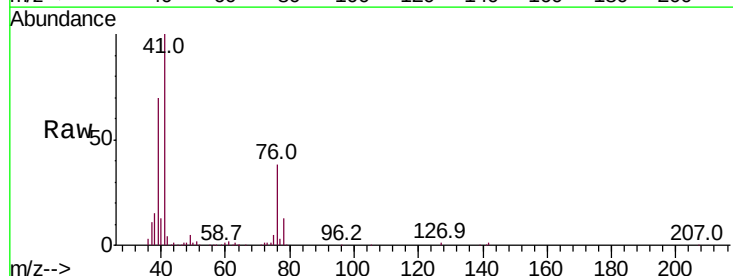
Tgt Ion: 41 Resp: 197971

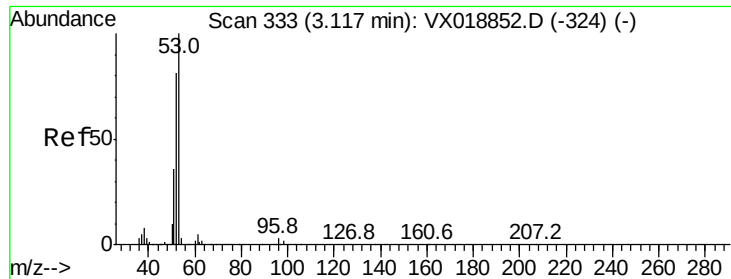
Ion Ratio Lower Upper

41 100

39 65.8 57.8 86.8

76 34.3 26.8 40.2

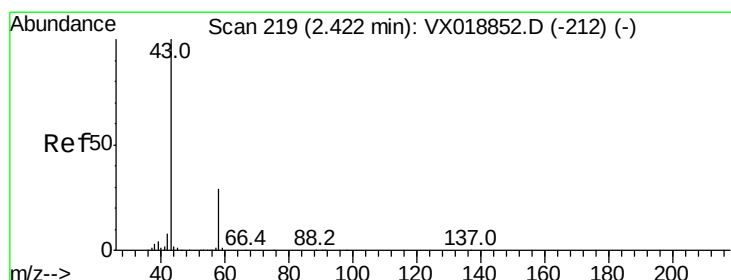
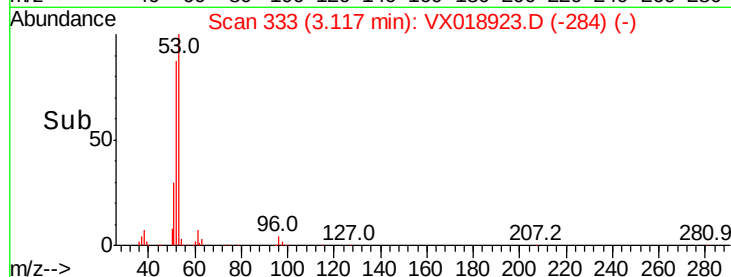
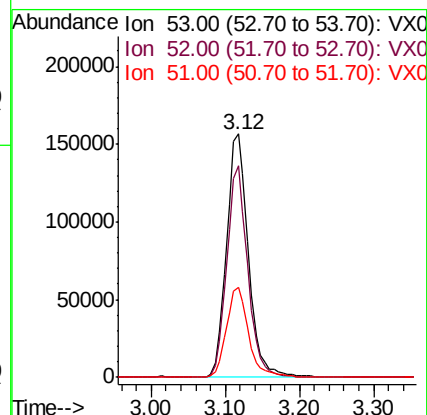
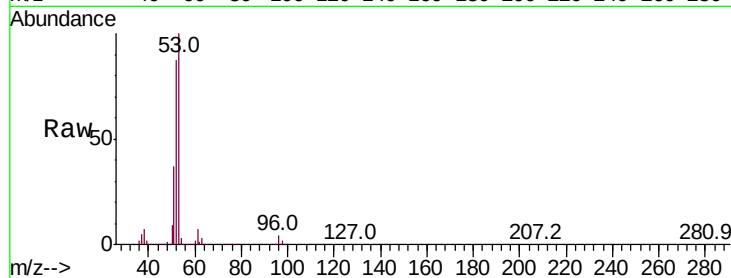




#15
 Acrylonitrile
 Concen: 259.270 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

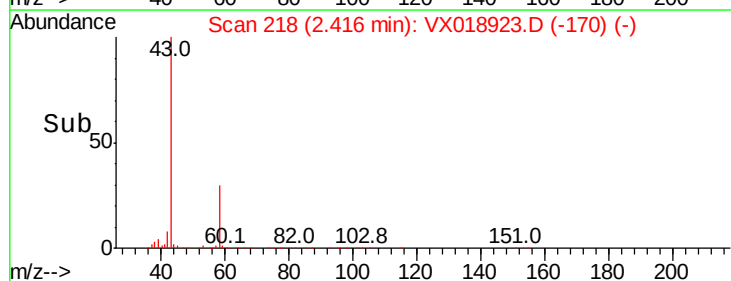
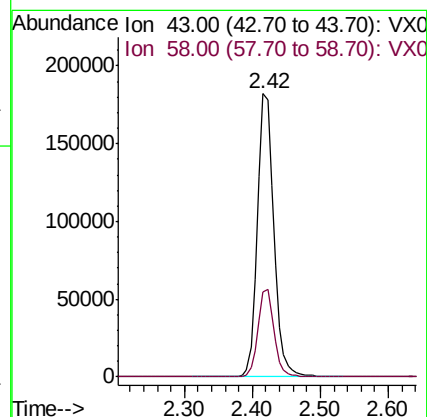
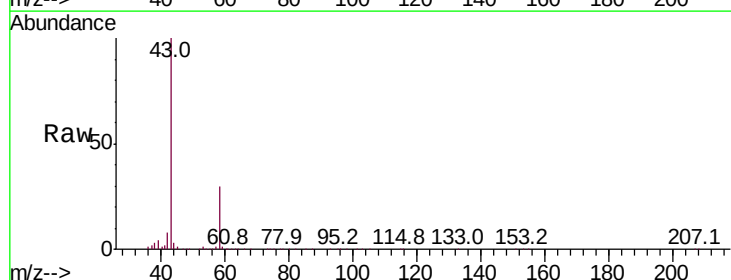
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

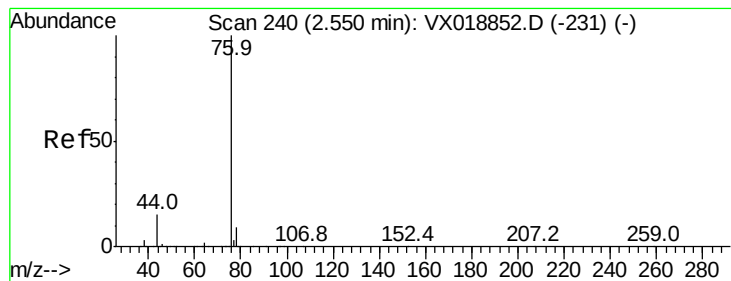
Tot Ion: 53 Resp: 320157
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.7 100.1
 51 37.1 30.3 45.5



#16
 Acetone
 Concen: 219.882 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 43 Resp: 307692
 Ion Ratio Lower Upper
 43 100
 58 29.9 23.0 34.4





#17

Carbon Disulfide

Concen: 47.359 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

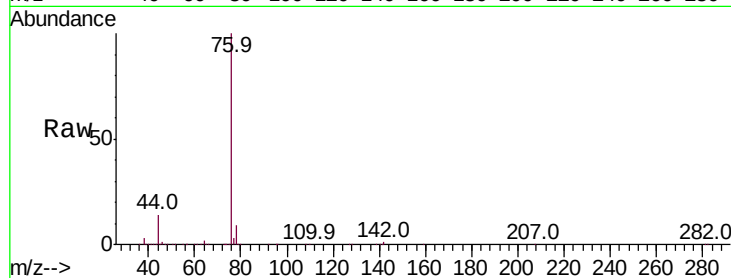
VSTDCCC050EC

Tot Ion: 76 Resp: 321460

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

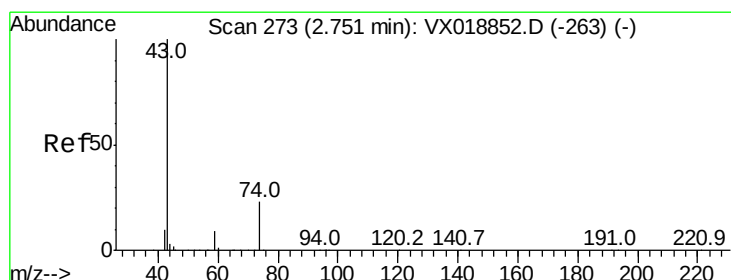
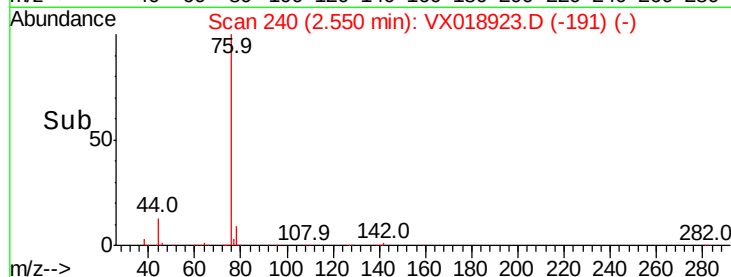
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 49.339 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018923.D

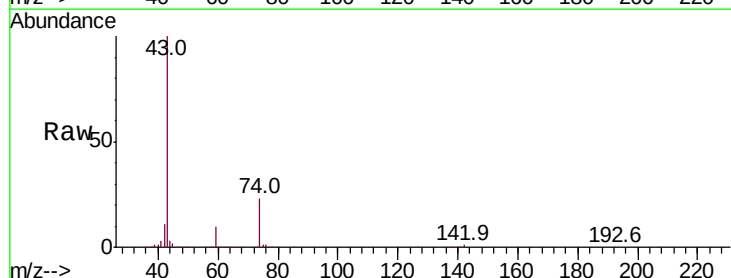
Acq: 12 Oct 2020 22:48

Tgt Ion: 43 Resp: 151623

Ion Ratio Lower Upper

43 100

74 24.9 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

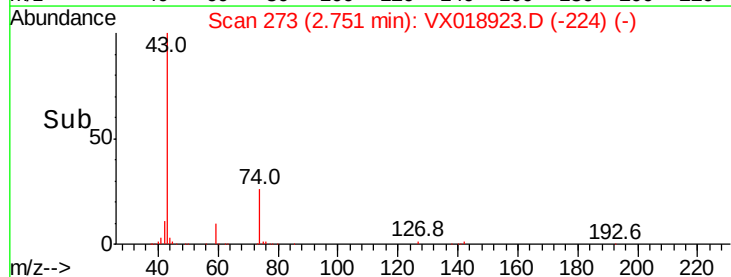
60000

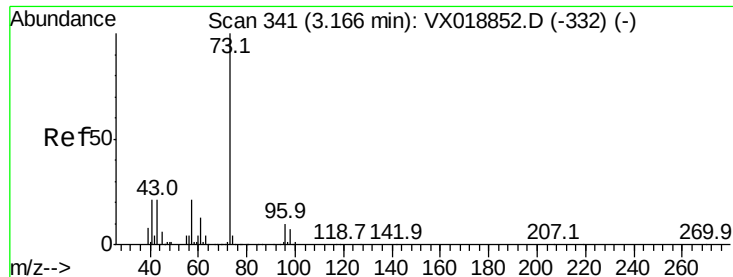
40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85

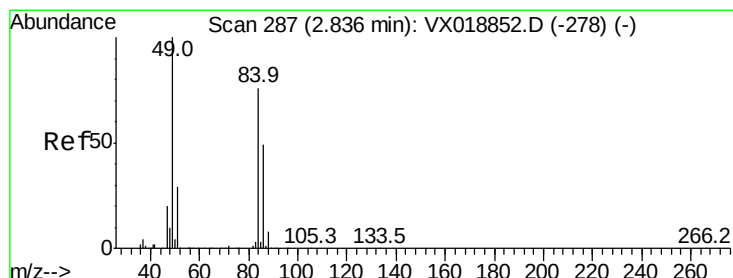
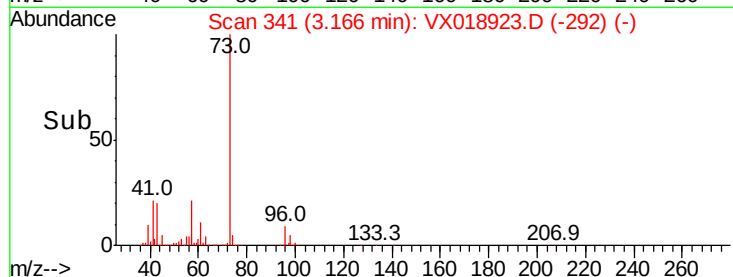
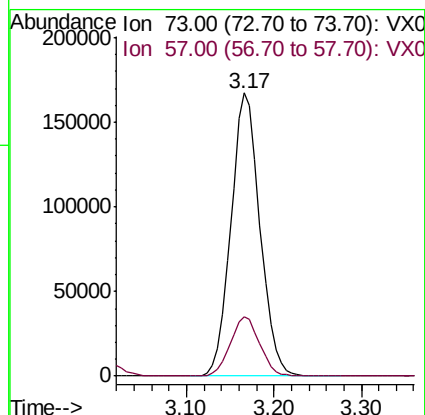
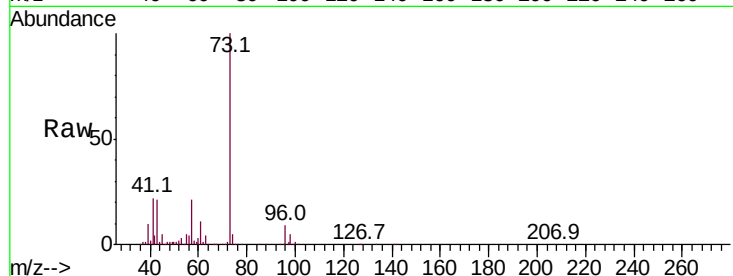




#19
Methyl tert-butyl Ether
Concen: 49.741 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

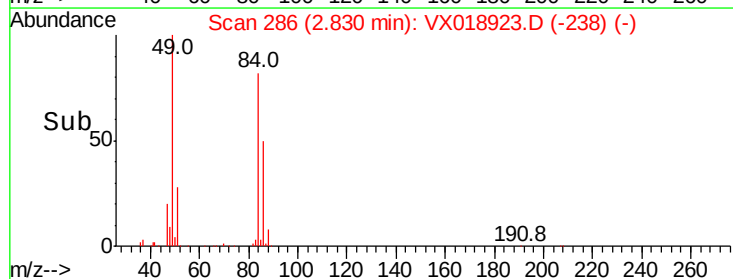
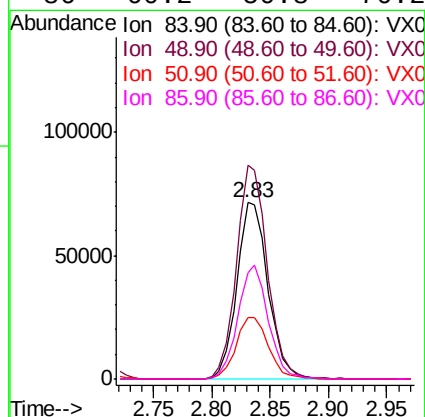
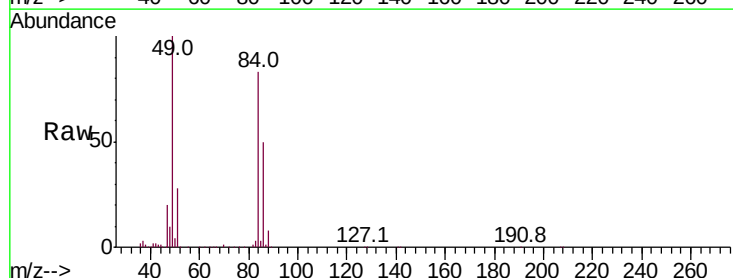
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

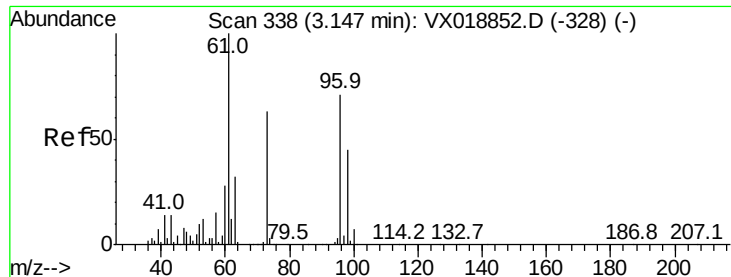
Tot Ion: 73 Resp: 386054
Ion Ratio Lower Upper
73 100
57 21.2 16.7 25.1



#20
Methylene Chloride
Concen: 50.572 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 84 Resp: 133365
Ion Ratio Lower Upper
84 100
49 121.1 104.8 157.2
51 34.5 30.6 46.0
86 60.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 47.956 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

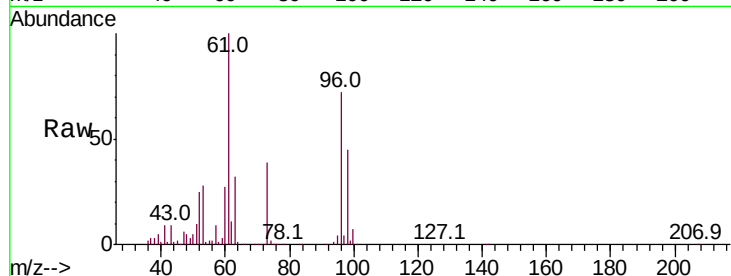
Tot Ion: 96 Resp: 128755

Ion Ratio Lower Upper

96 100

61 139.2 112.0 168.0

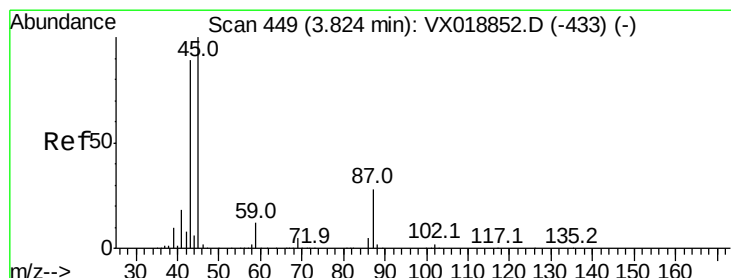
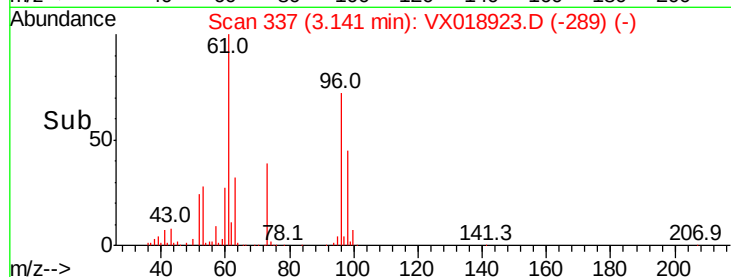
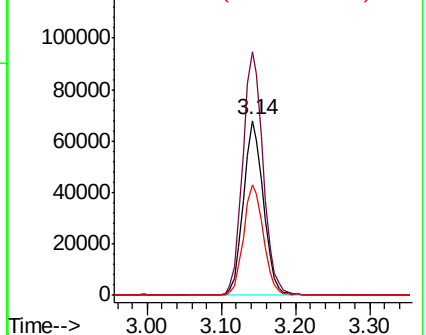
98 62.9 50.2 75.2



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: 48.334 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tgt Ion: 45 Resp: 363053

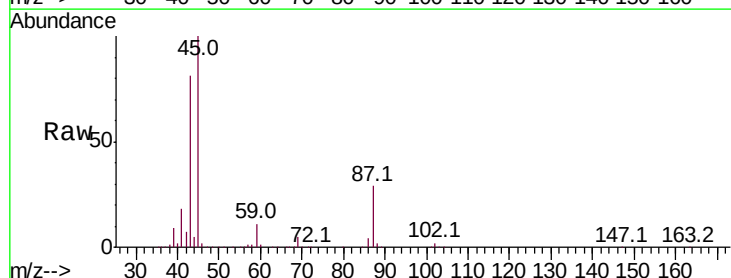
Ion Ratio Lower Upper

45 100

43 80.7 71.2 106.8

87 28.5 22.5 33.7

59 10.8 9.2 13.8

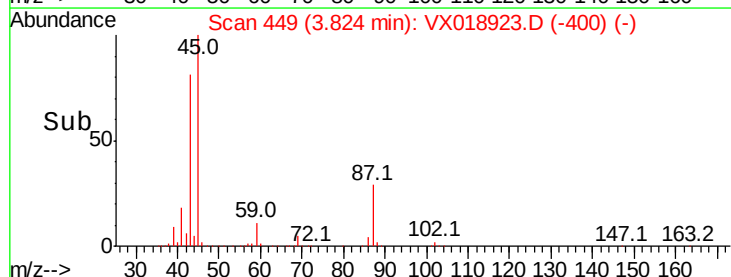
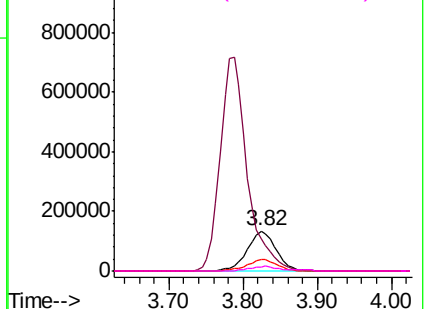


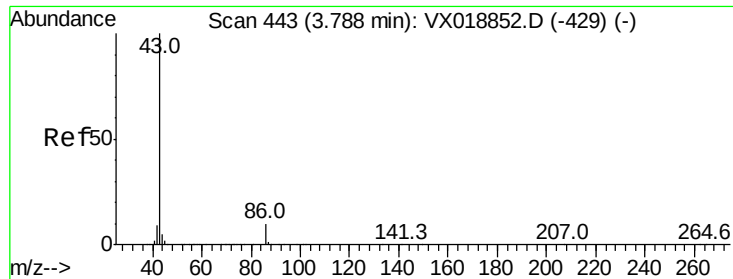
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 251.253 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

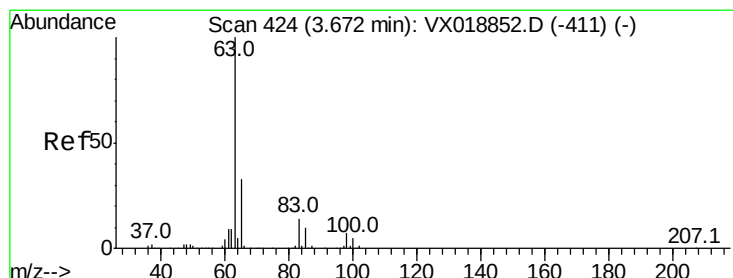
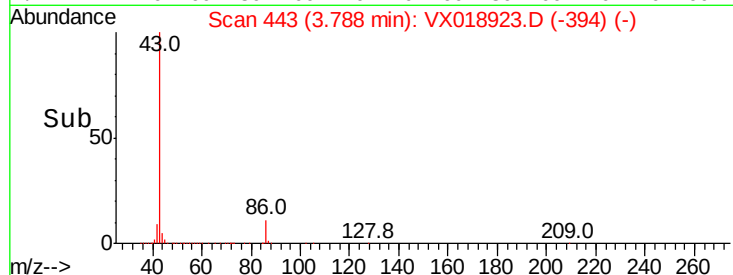
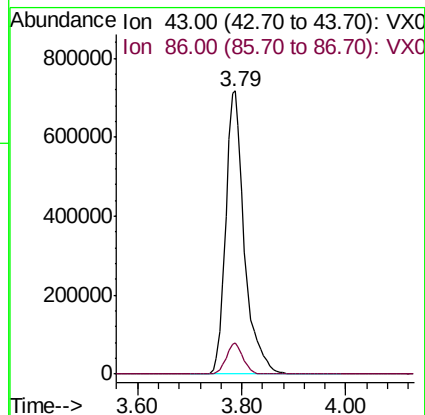
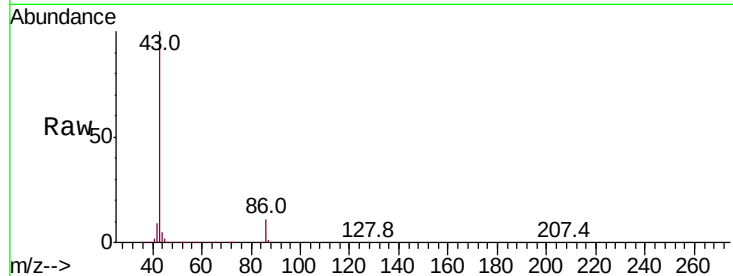
VSTDCCC050EC

Tot Ion: 43 Resp: 1815048

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



#24

1,1-Dichloroethane

Concen: 46.399 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

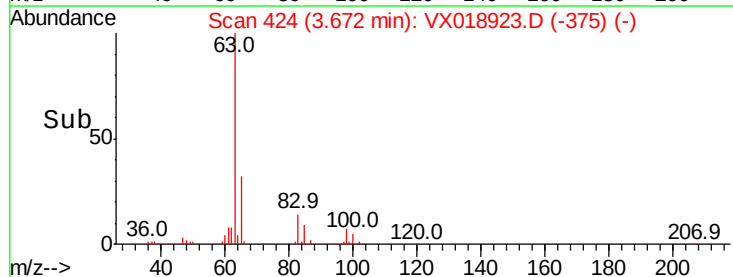
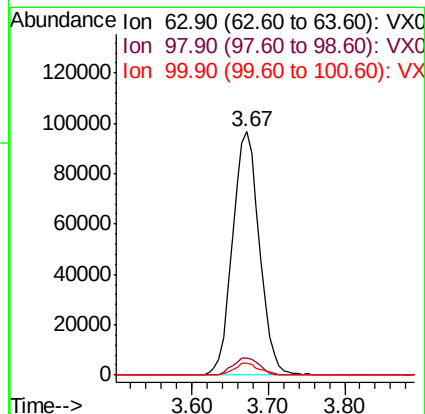
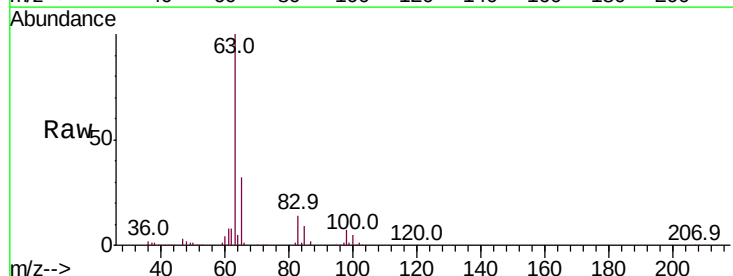
Tgt Ion: 63 Resp: 234325

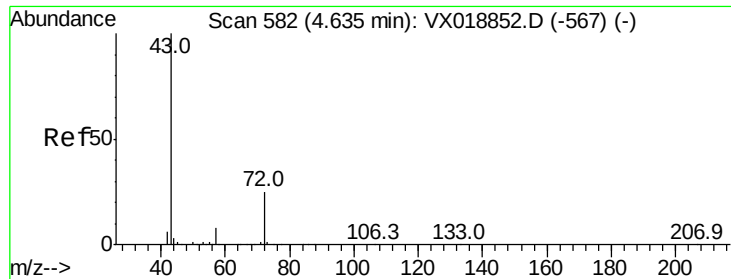
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 4.9 2.5 7.6





#25

2-Butanone

Concen: 242.713 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

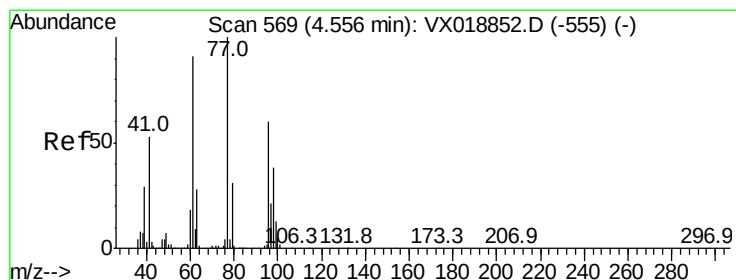
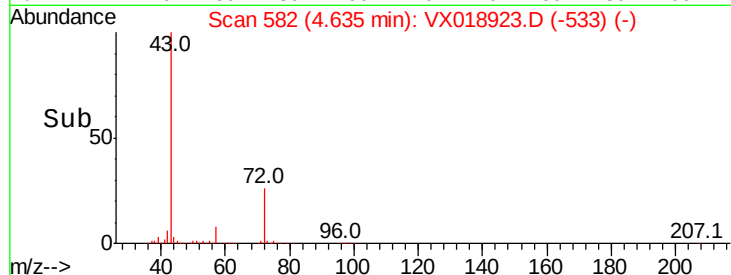
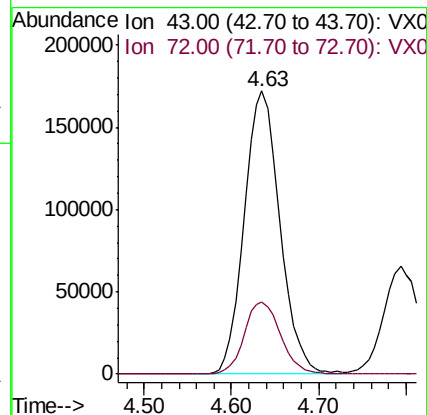
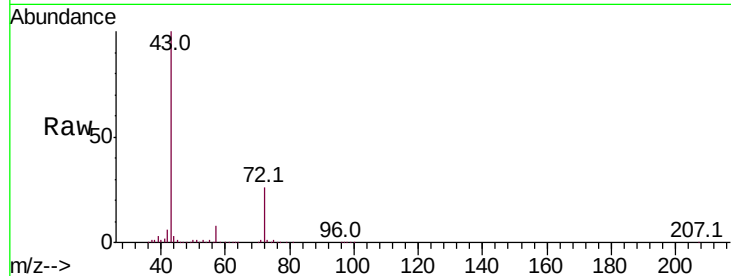
VSTDCCC050EC

Tot Ion: 43 Resp: 485992

Ion Ratio Lower Upper

43 100

72 25.4 20.2 30.4



#26

2,2-Dichloropropane

Concen: 37.817 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018923.D

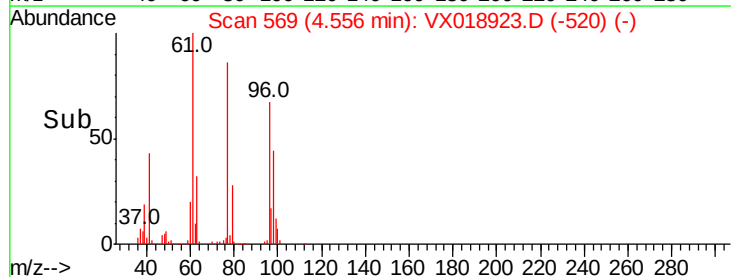
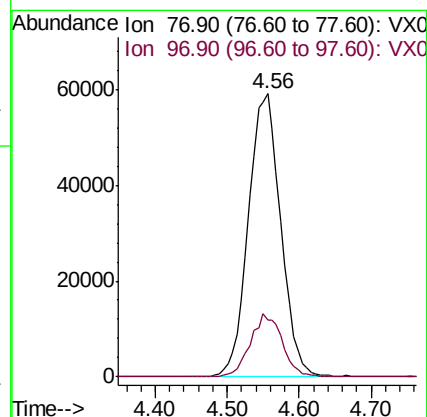
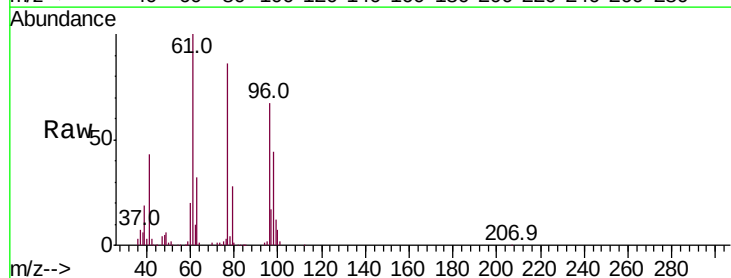
Acq: 12 Oct 2020 22:48

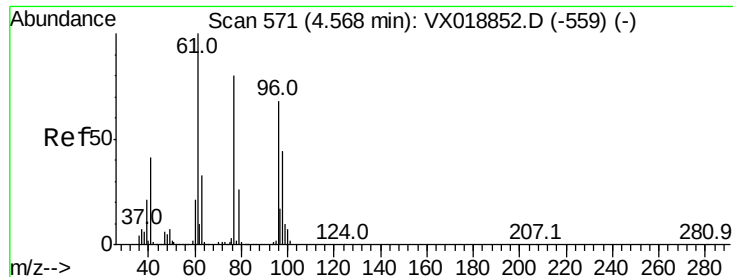
Tgt Ion: 77 Resp: 184266

Ion Ratio Lower Upper

77 100

97 21.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 48.075 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

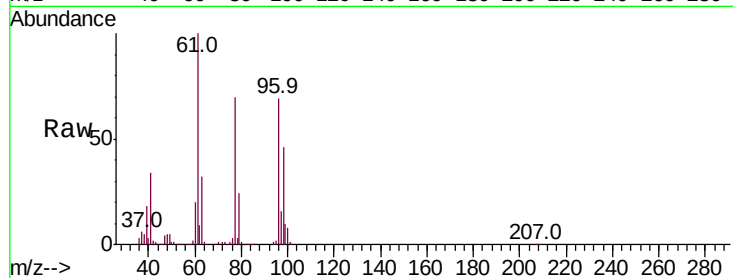
Tot Ion: 96 Resp: 143339

Ion Ratio Lower Upper

96 100

61 145.2 0.0 306.8

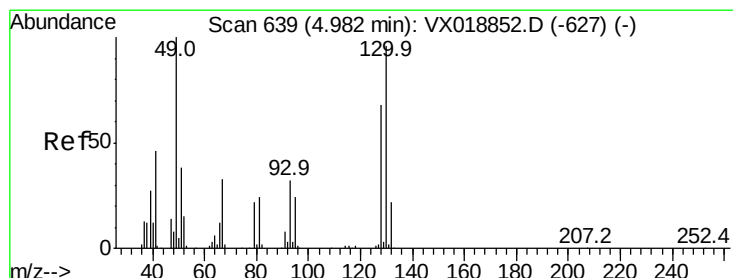
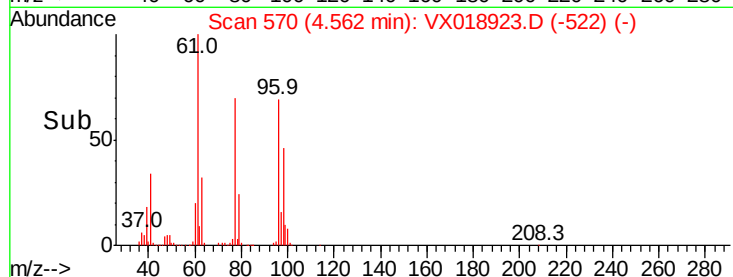
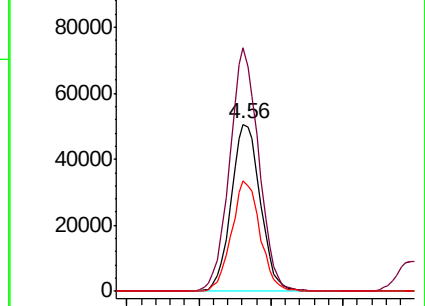
98 64.4 0.0 130.2



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: 48.102 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

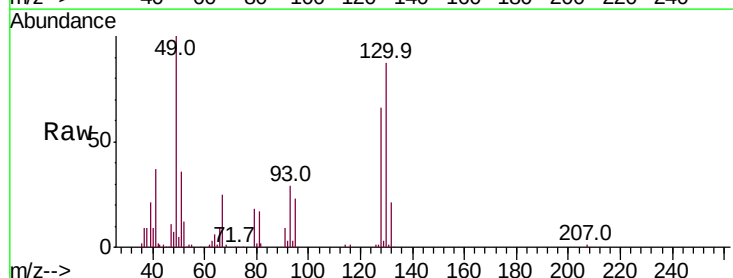
Tgt Ion: 49 Resp: 107157

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.4

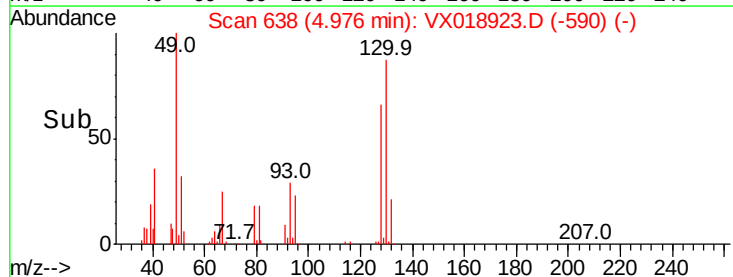
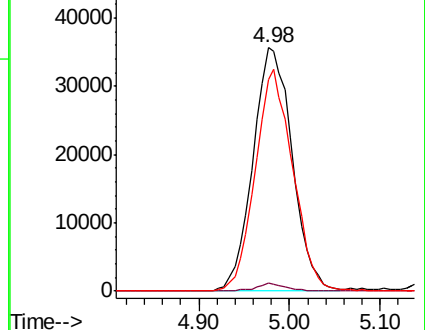
130 87.1 71.2 106.8

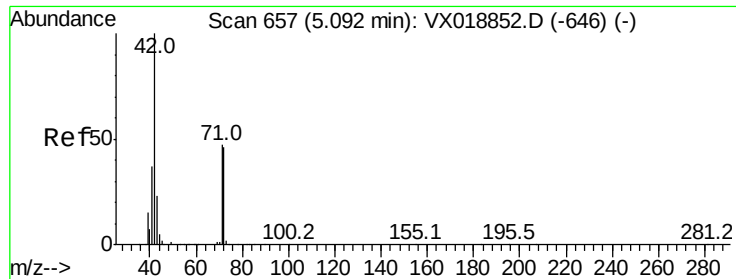


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 256.316 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

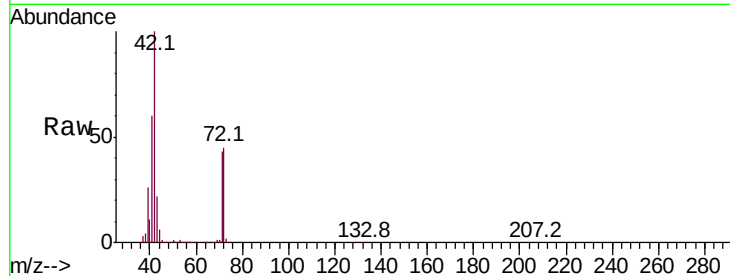
Tot Ion: 42 Resp: 275359

Ion Ratio Lower Upper

42 100

72 47.1 36.4 54.6

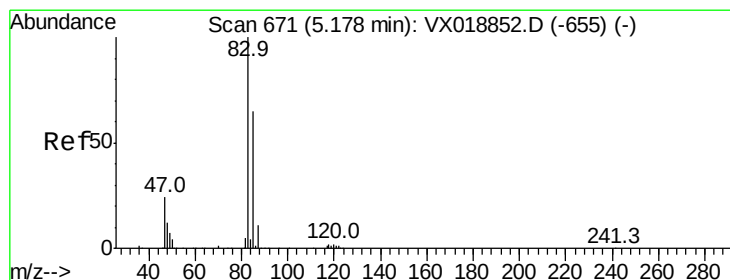
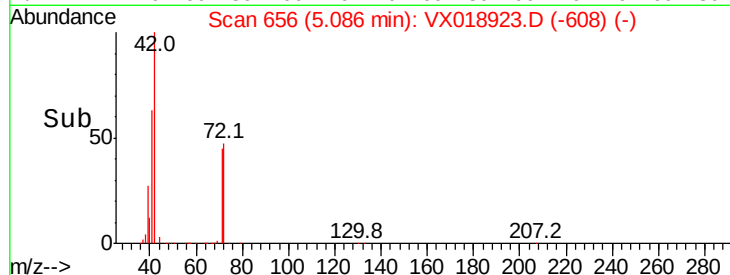
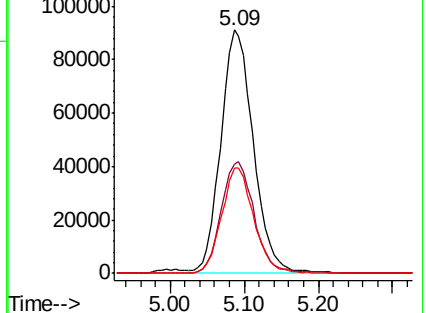
71 43.1 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.527 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018923.D

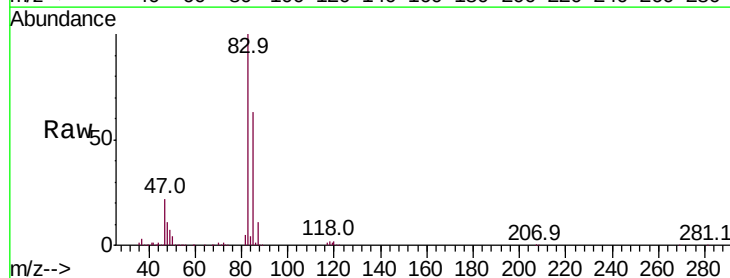
Acq: 12 Oct 2020 22:48

Tgt Ion: 83 Resp: 253313

Ion Ratio Lower Upper

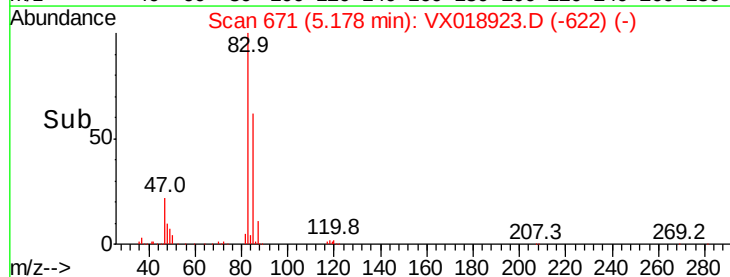
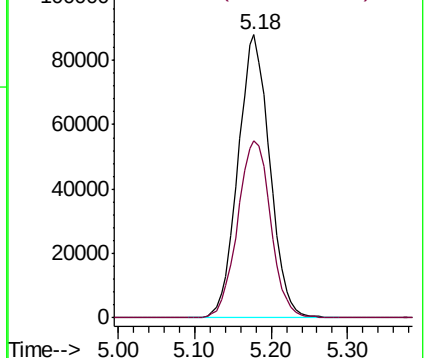
83 100

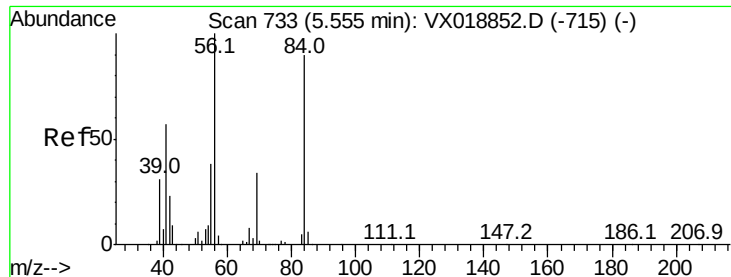
85 62.8 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

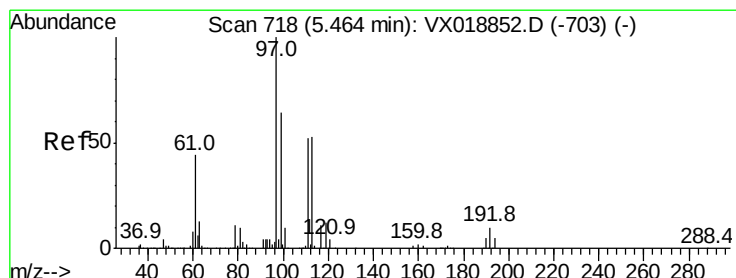
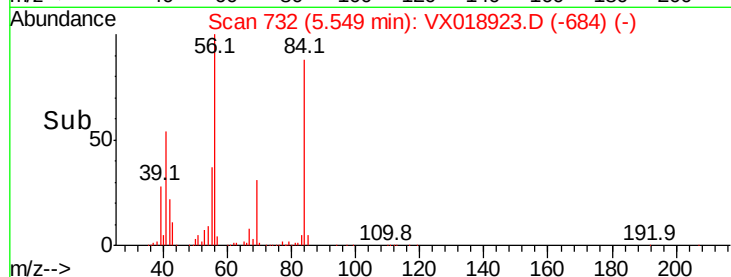
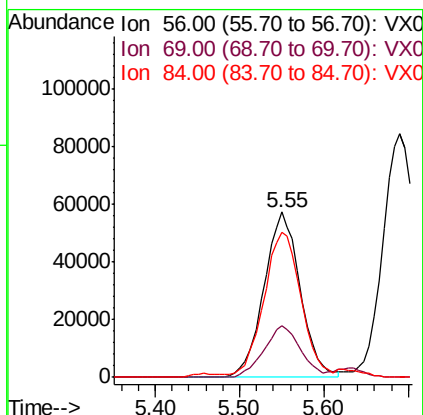
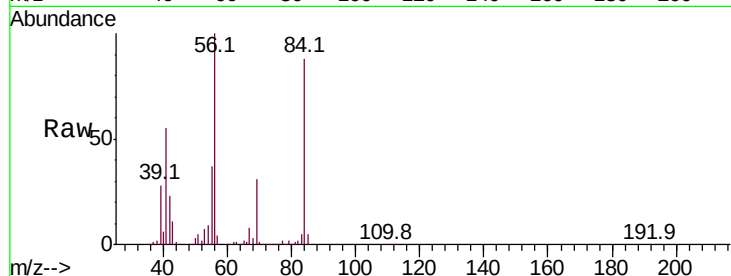




#31
Cyclohexane
Concen: 49.282 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

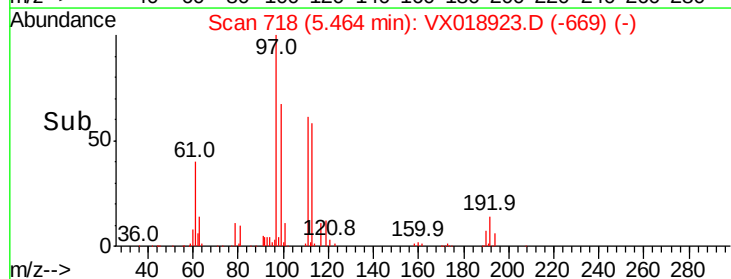
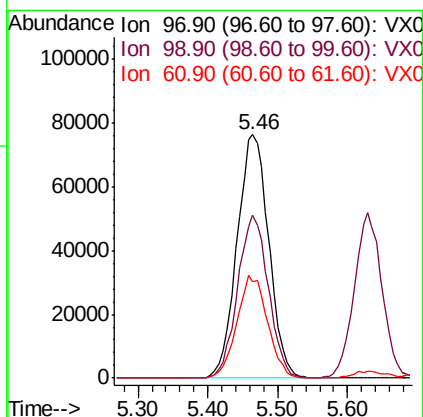
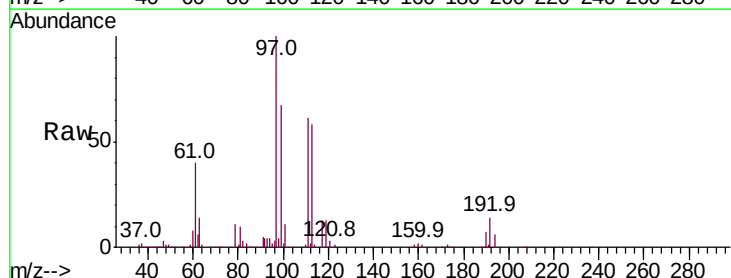
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

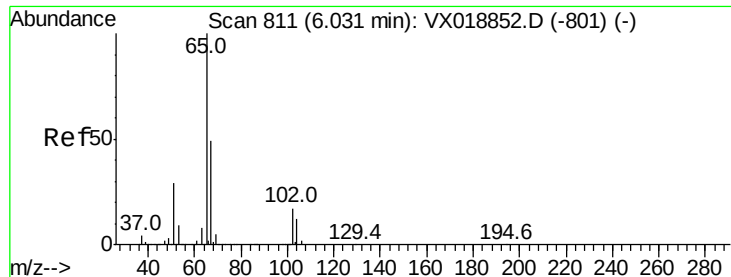
Tot Ion: 56 Resp: 170164
Ion Ratio Lower Upper
56 100
69 31.0 27.1 40.7
84 86.8 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 45.463 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 97 Resp: 240390
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 40.8 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 44.139 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

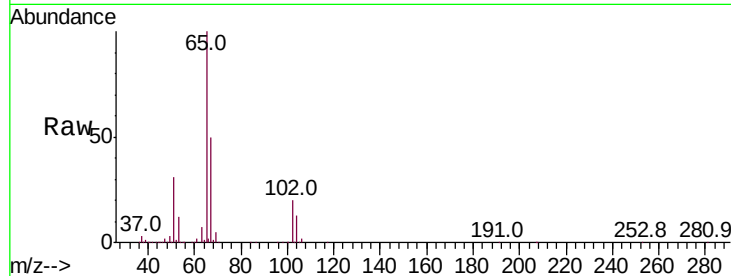
VSTDCCC050EC

Tot Ion: 65 Resp: 163172

Ion Ratio Lower Upper

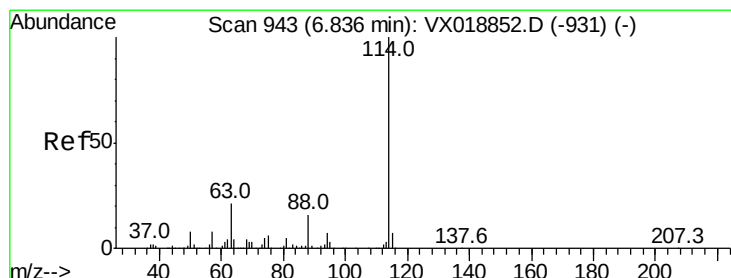
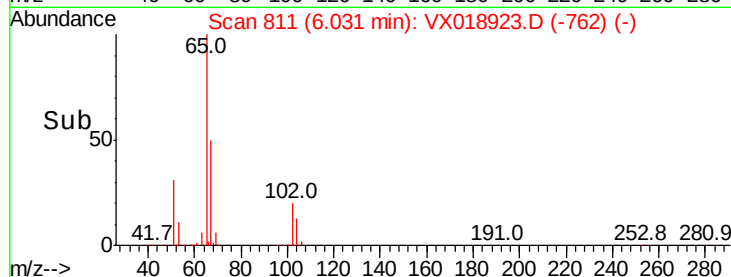
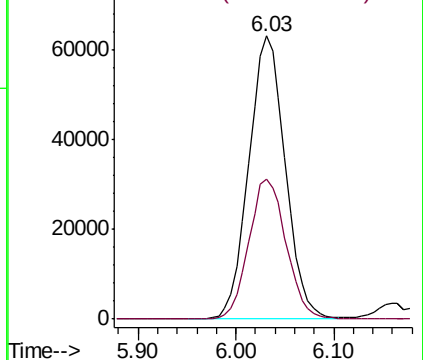
65 100

67 50.8 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

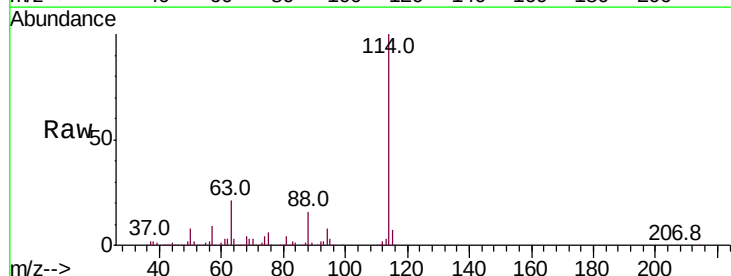
Tgt Ion: 114 Resp: 370250

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

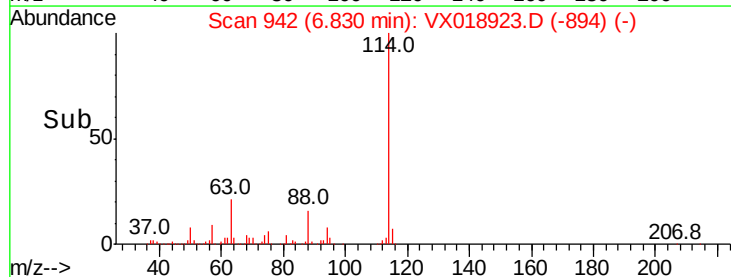
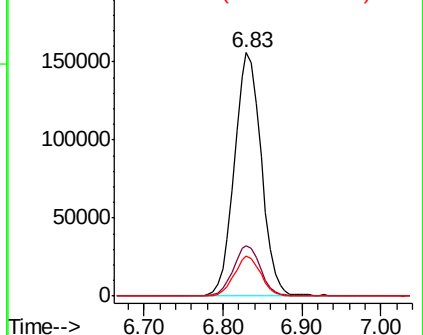
88 16.4 0.0 32.6

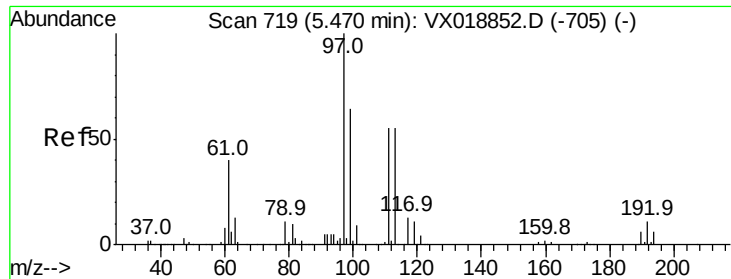


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

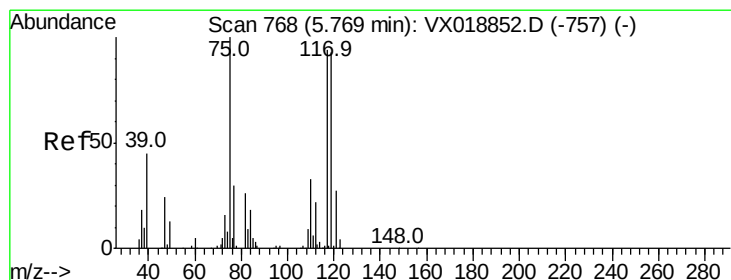
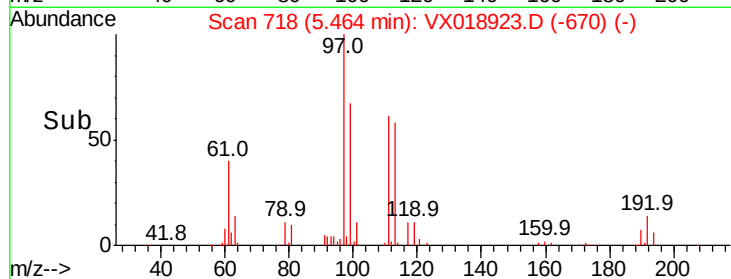
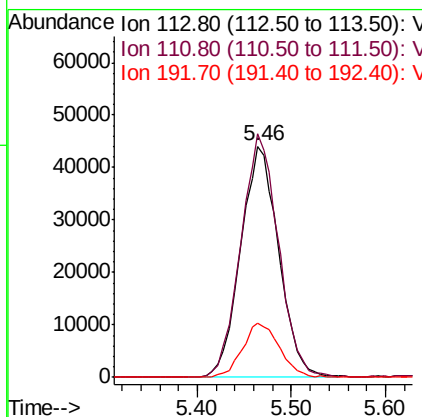
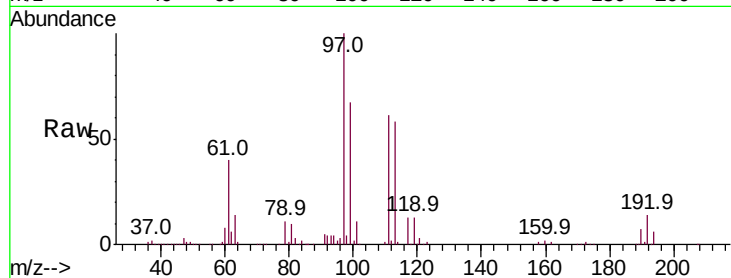




#35
 Dibromofluoromethane
 Concen: 47.168 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

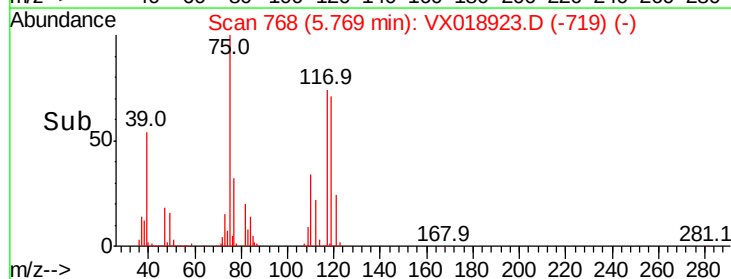
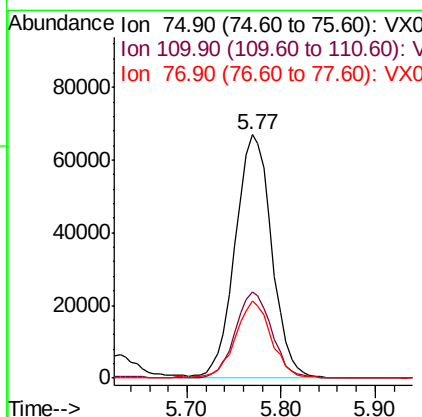
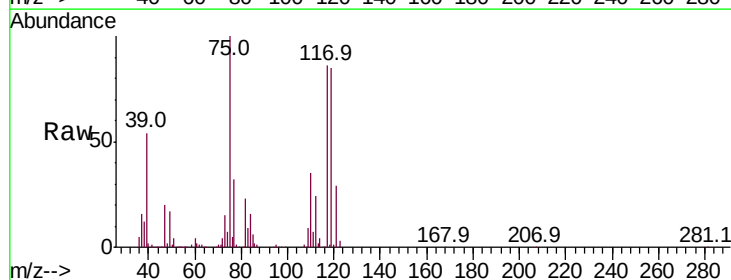
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

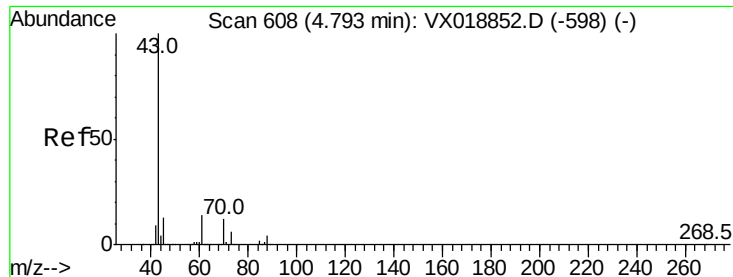
Tot Ion:113 Resp: 124460
 Ion Ratio Lower Upper
 113 100
 111 104.6 80.1 120.1
 192 22.9 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 46.243 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 75 Resp: 180016
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.8 53.5
 77 30.9 24.2 36.4

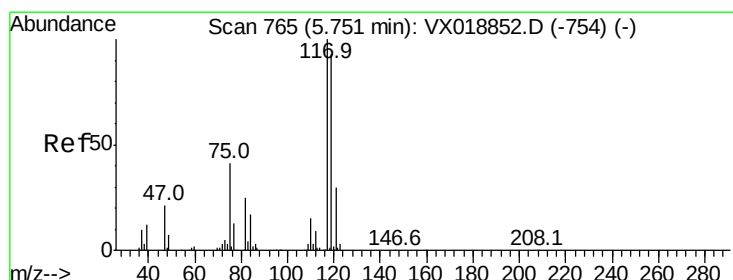
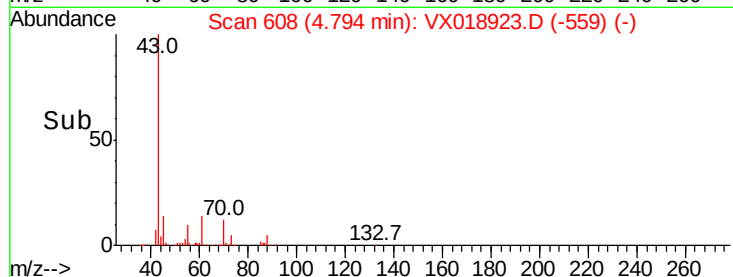
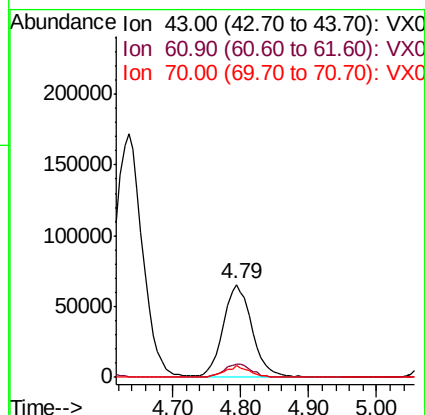
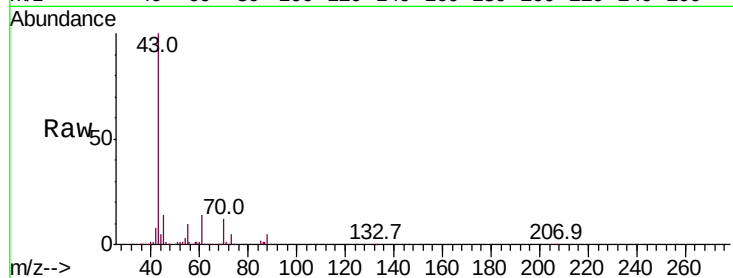




#37
Ethyl Acetate
Concen: 51.301 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

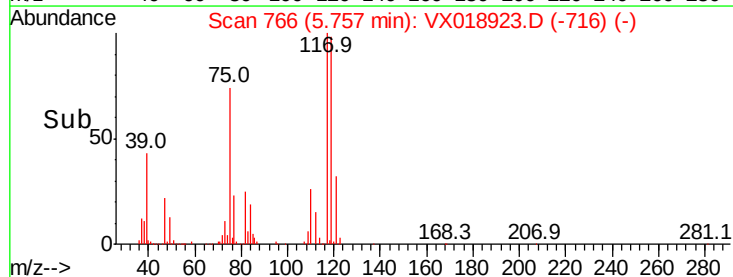
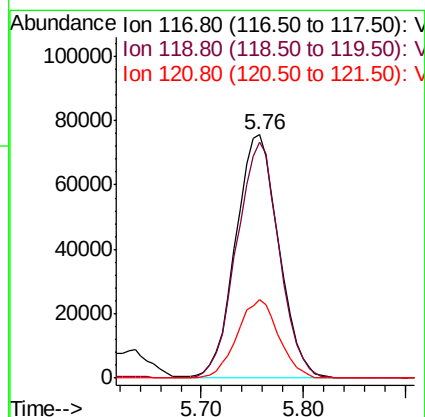
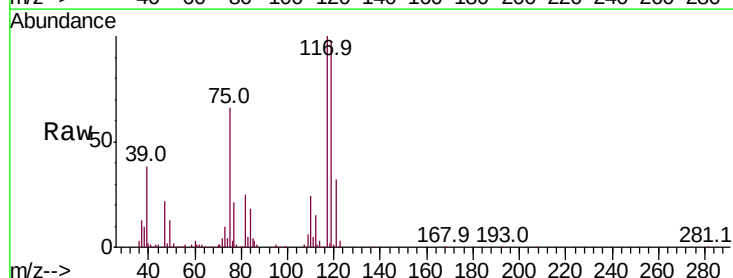
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

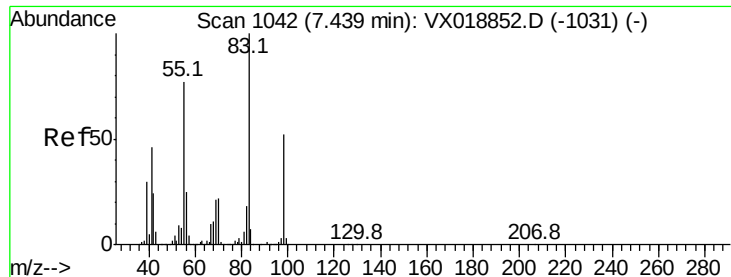
Tot Ion: 43 Resp: 192853
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 45.912 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 117 Resp: 221523
Ion Ratio Lower Upper
117 100
119 96.6 73.9 110.9
121 32.2 23.6 35.4

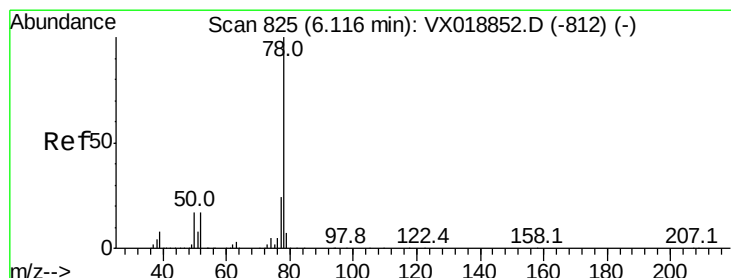
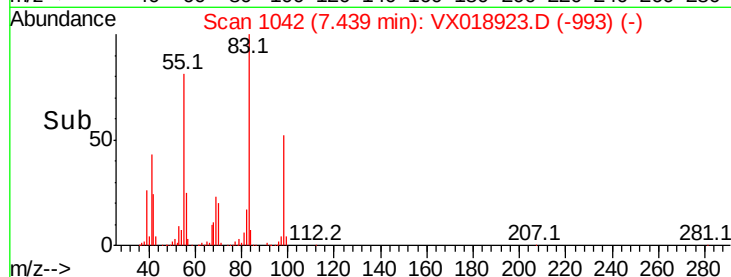
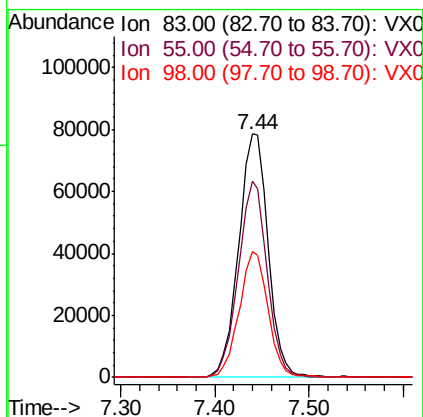
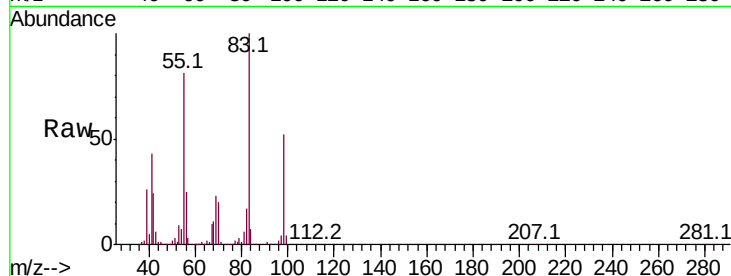




#39
Methylvlcyclohexane
Concen: 47.937 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

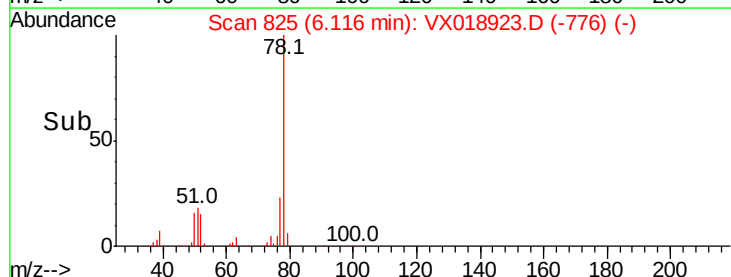
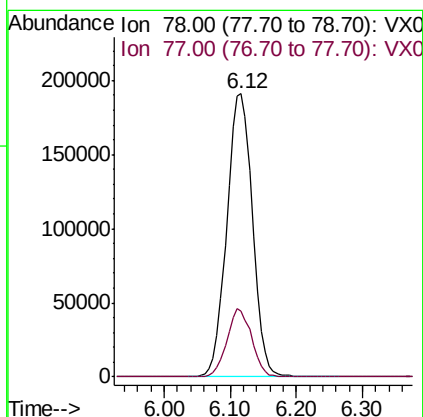
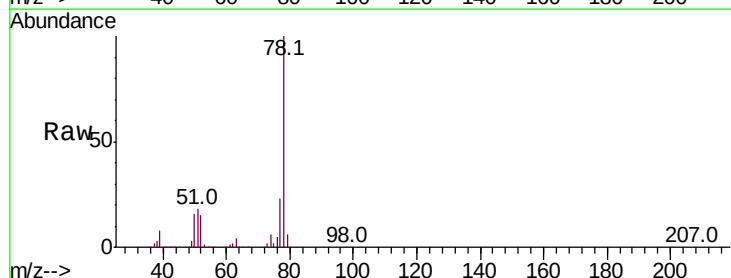
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

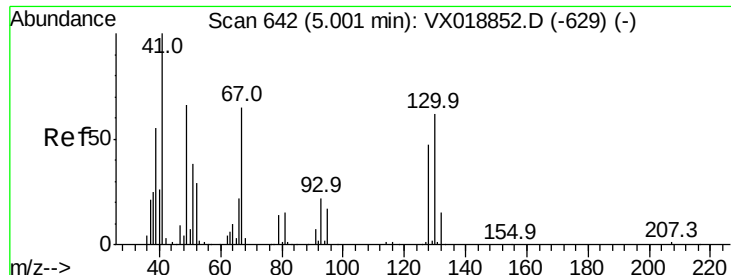
Tot Ion: 83 Resp: 172020
Ion Ratio Lower Upper
83 100
55 80.7 61.8 92.6
98 51.9 41.4 62.0



#40
Benzene
Concen: 49.037 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 78 Resp: 512859
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

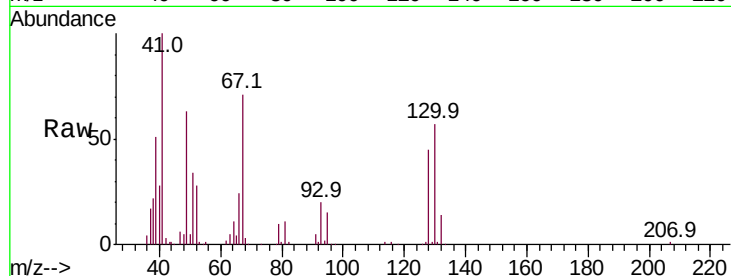




#41
Methacrylonitrile
Concen: 48.294 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	105318
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.4	68.2
67	70.4	55.4	83.2
52	30.3	23.8	35.8



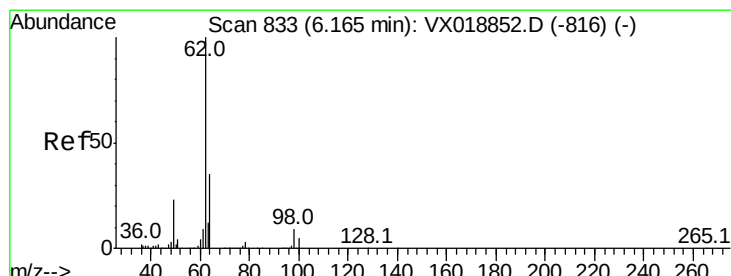
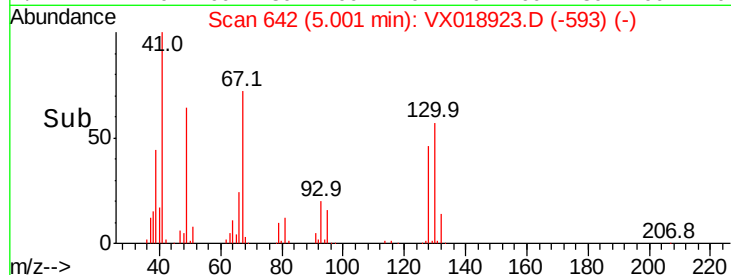
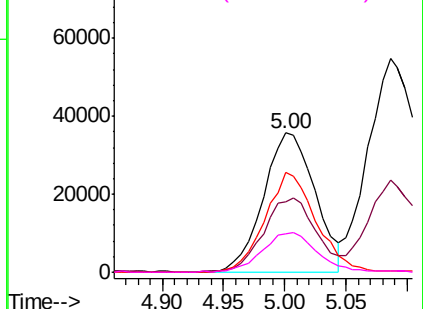
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

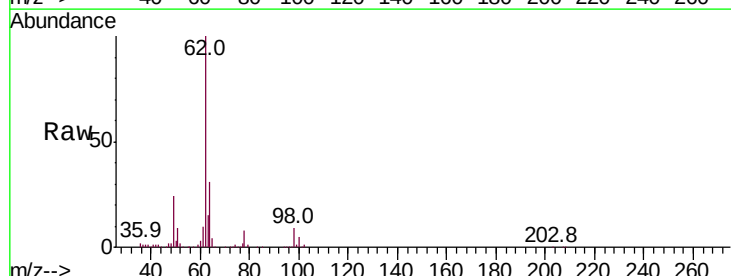
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 44.349 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

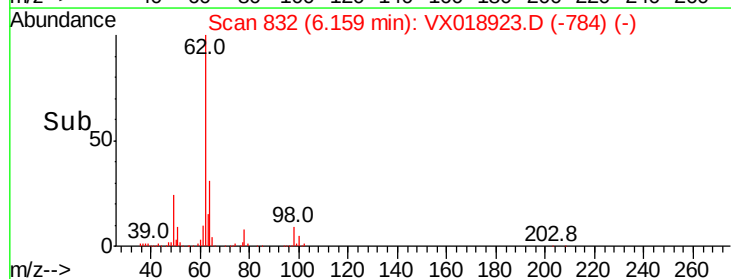
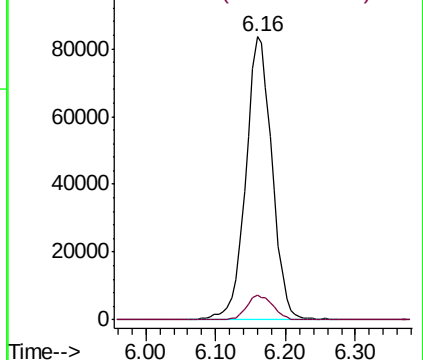
Tgt Ion:	62	Resp:	217451
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.4

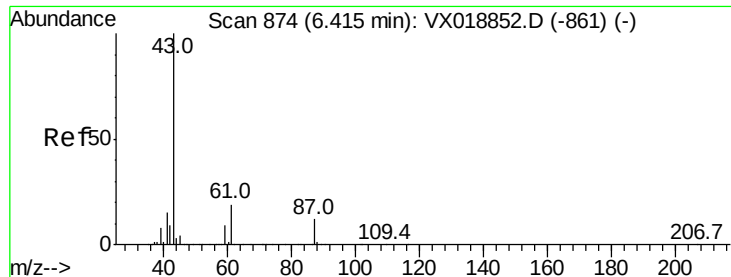


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.434 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

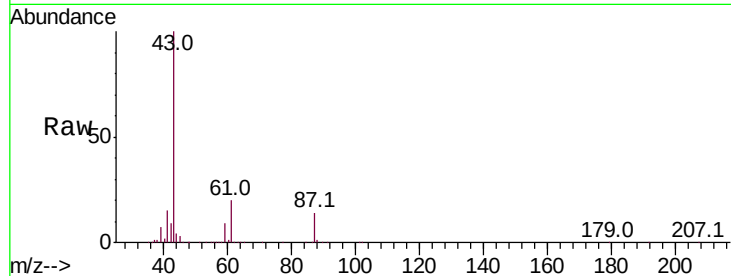
Tot Ion: 43 Resp: 302590

Ion Ratio Lower Upper

43 100

61 20.2 15.5 23.3

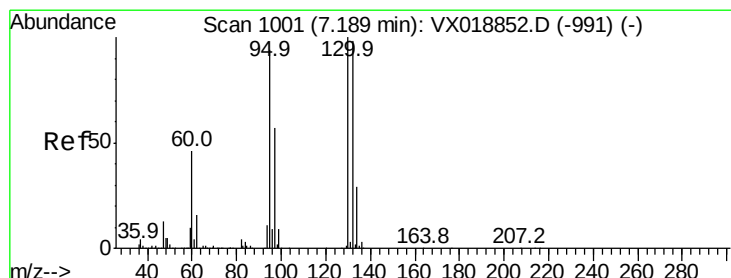
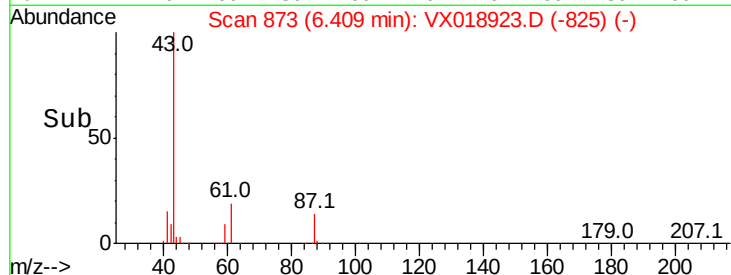
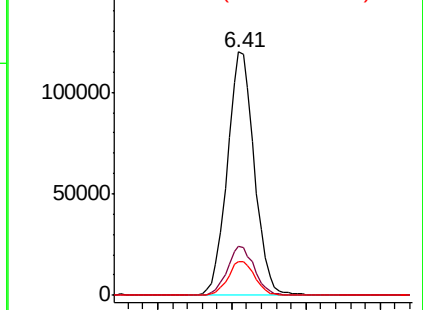
87 14.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.195 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018923.D

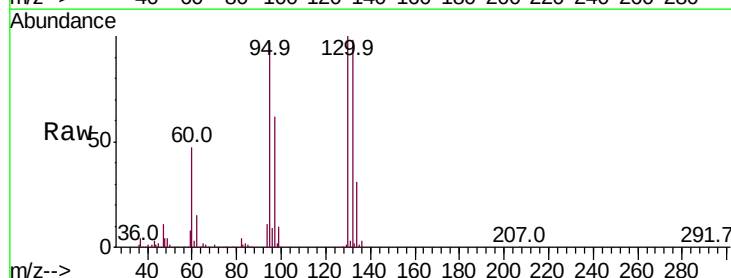
Acq: 12 Oct 2020 22:48

Tgt Ion:130 Resp: 148024

Ion Ratio Lower Upper

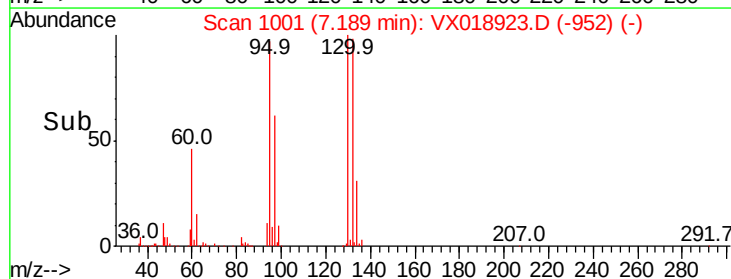
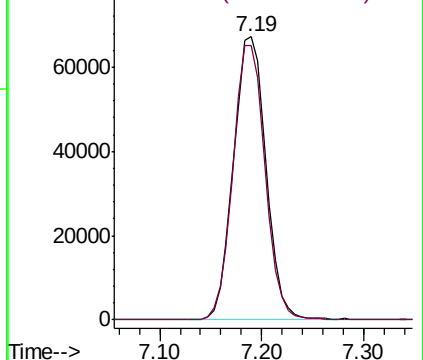
130 100

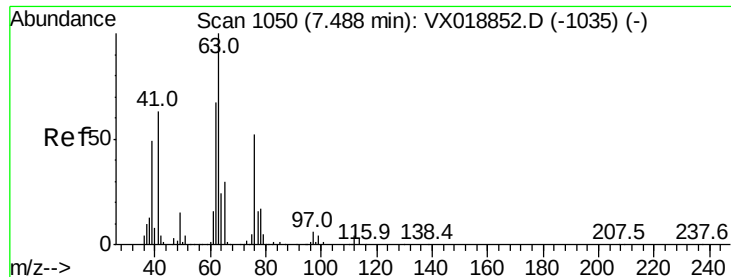
95 97.0 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.092 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

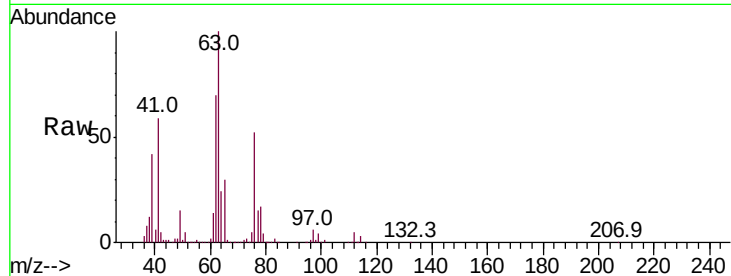
VSTDCCC050EC

Tot Ion: 63 Resp: 133086

Ion Ratio Lower Upper

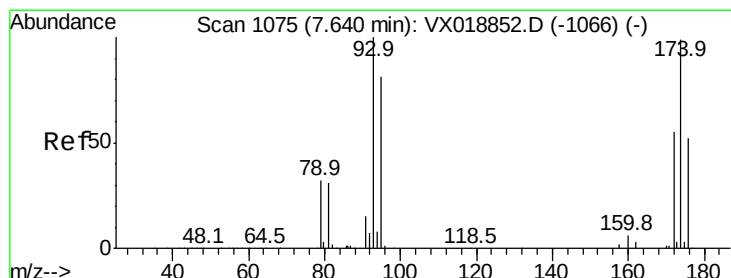
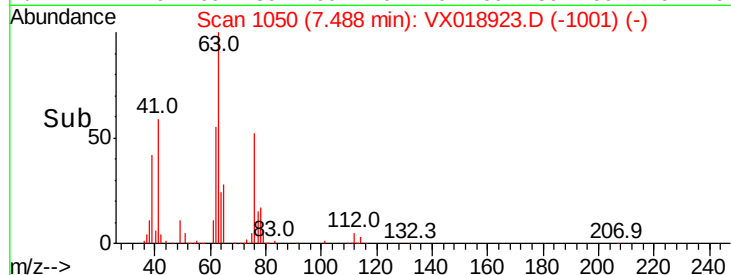
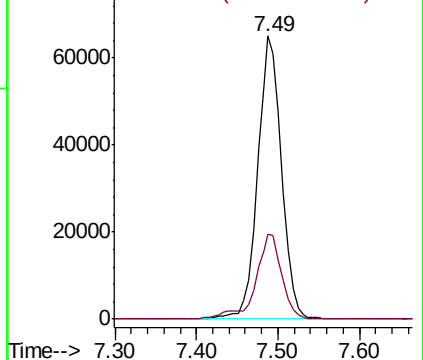
63 100

65 29.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.499 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

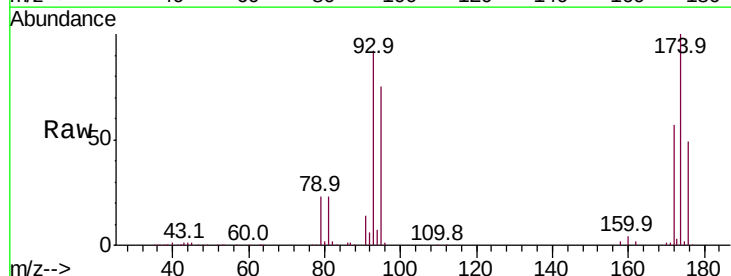
Tgt Ion: 93 Resp: 97138

Ion Ratio Lower Upper

93 100

95 81.5 66.1 99.1

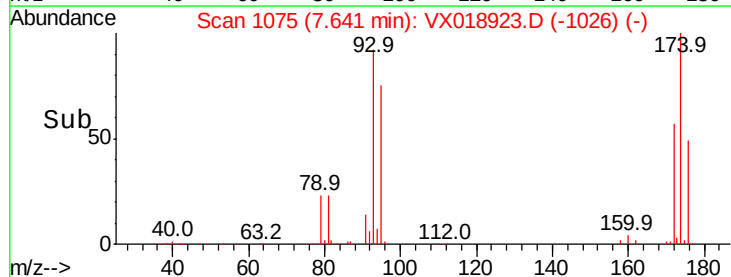
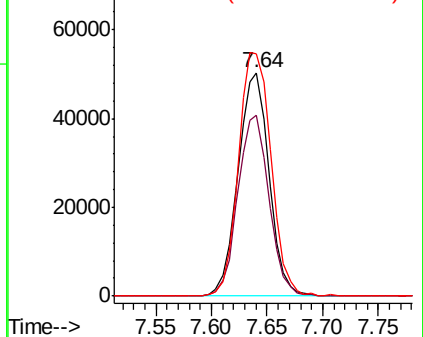
174 114.7 84.6 127.0

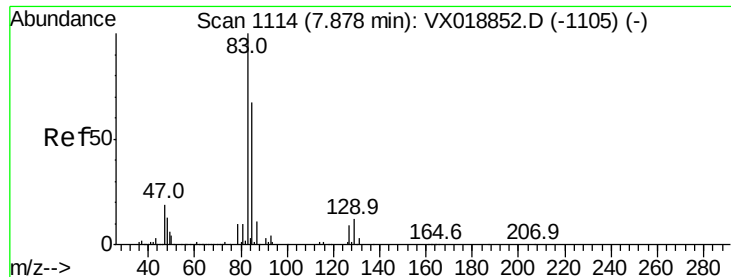


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.949 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

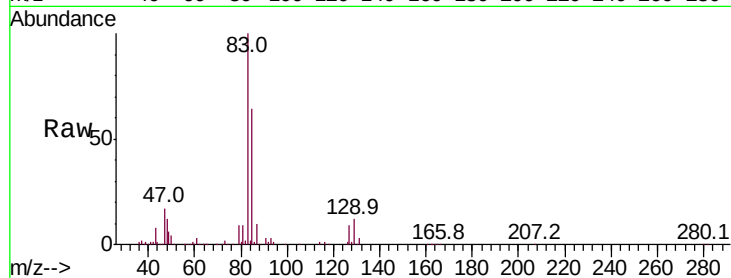
Tot Ion: 83 Resp: 208061

Ion Ratio Lower Upper

83 100

85 64.1 53.8 80.6

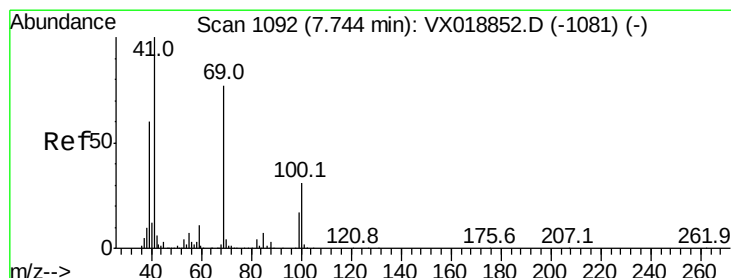
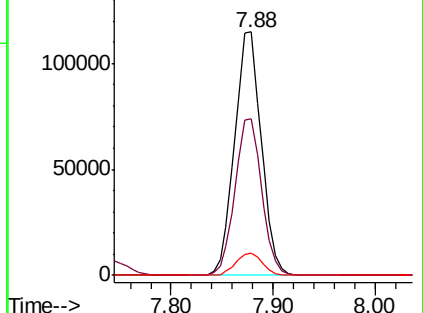
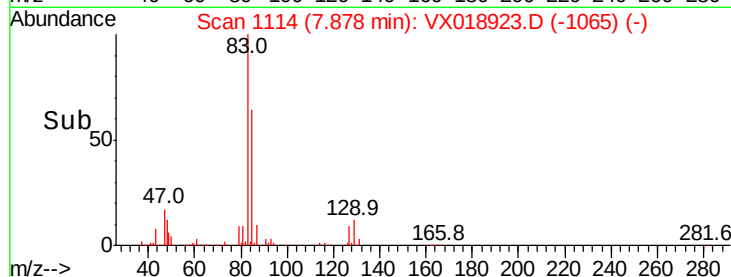
127 9.1 7.5 11.3



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: 49.495 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

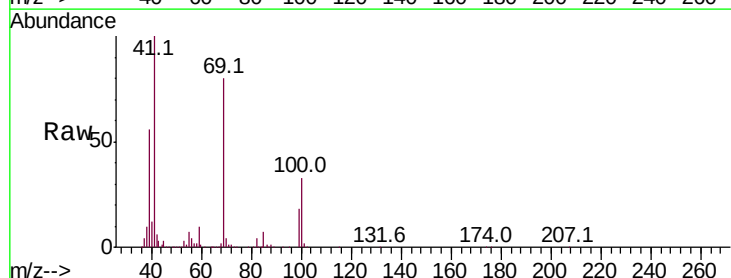
Tgt Ion: 41 Resp: 156902

Ion Ratio Lower Upper

41 100

69 82.1 64.6 97.0

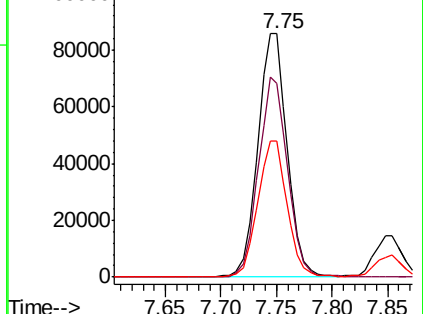
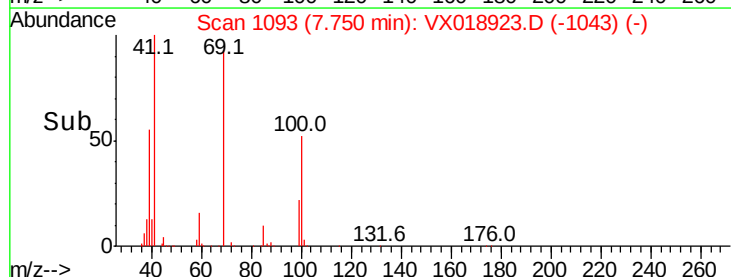
39 56.2 48.6 73.0

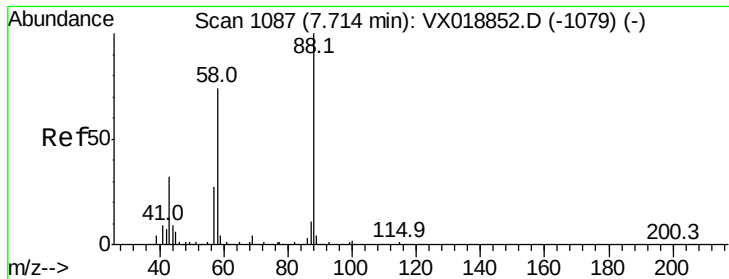


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

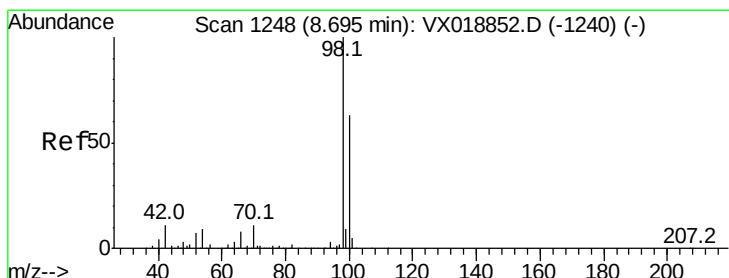
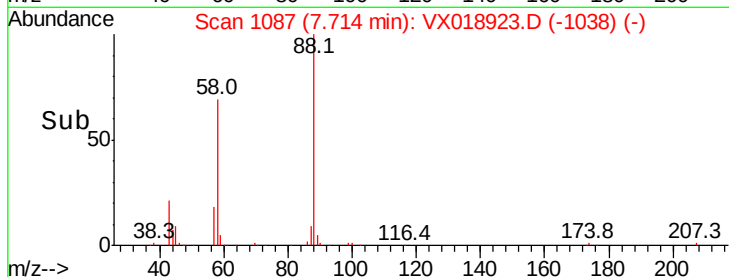
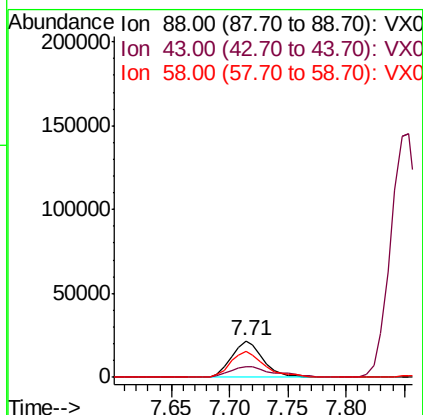
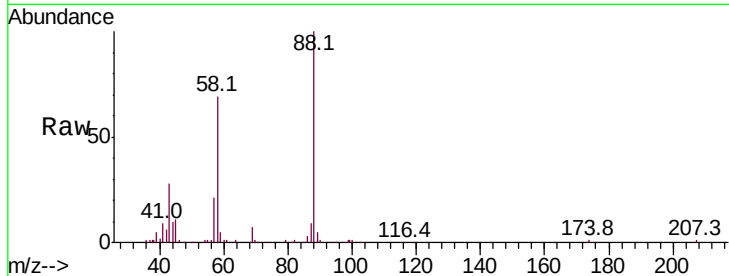




#49
1,4-Dioxane
Concen: 905.066 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

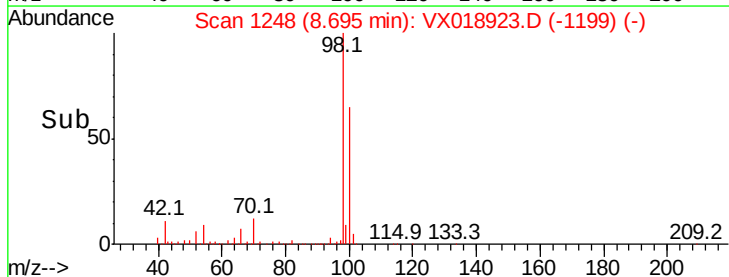
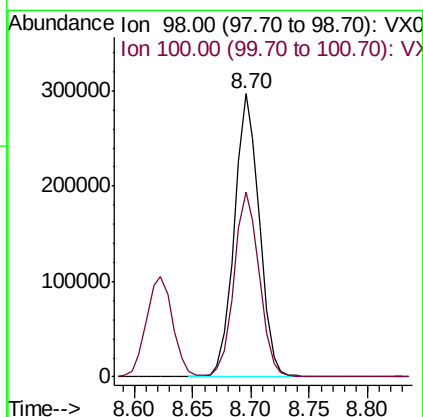
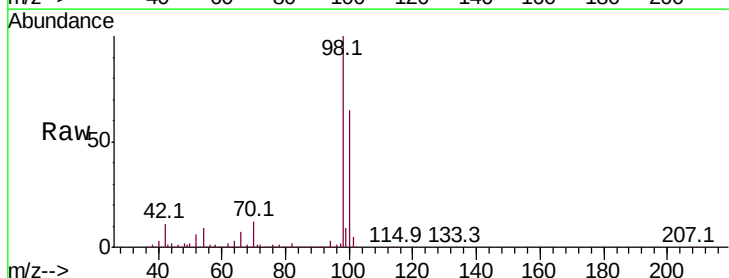
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

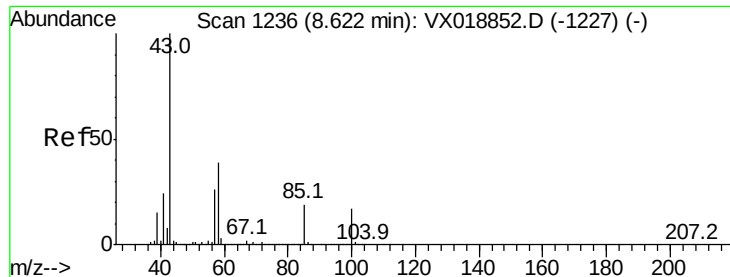
Tot Ion: 88 Resp: 40230
Ion Ratio Lower Upper
88 100
43 36.5 31.0 46.6
58 77.7 59.3 88.9



#50
Toluene-d8
Concen: 48.413 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 98 Resp: 443115
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 265.617 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

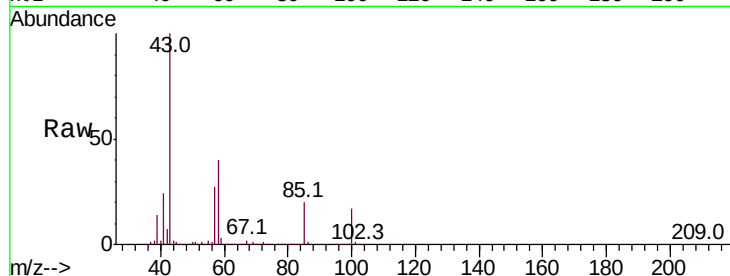
VSTDCCC050EC

Tot Ion: 43 Resp: 968551

Ion Ratio Lower Upper

43 100

58 39.2 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

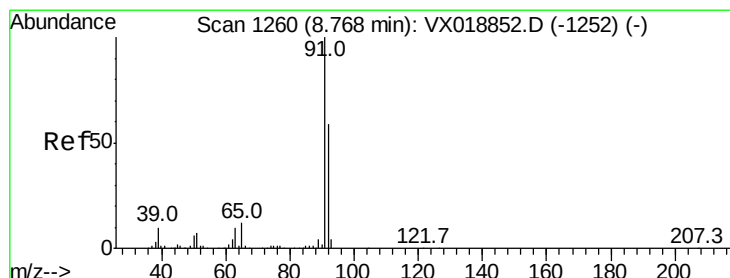
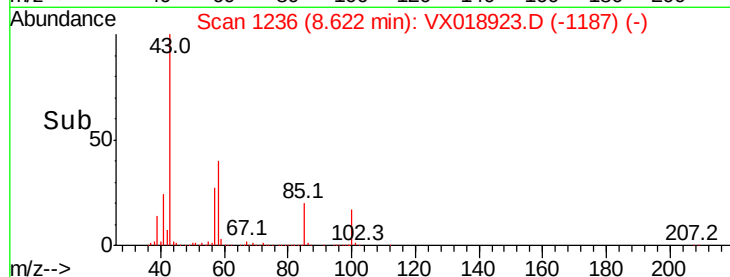
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.027 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018923.D

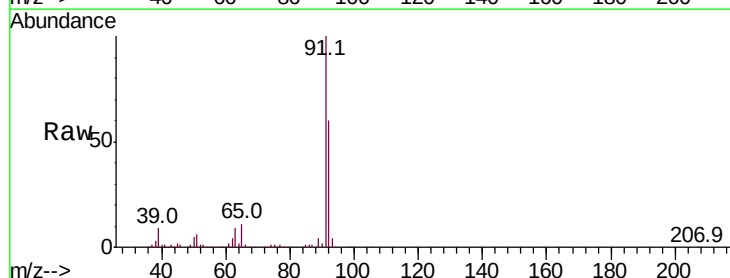
Acq: 12 Oct 2020 22:48

Tgt Ion: 92 Resp: 335763

Ion Ratio Lower Upper

92 100

91 170.5 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

400000

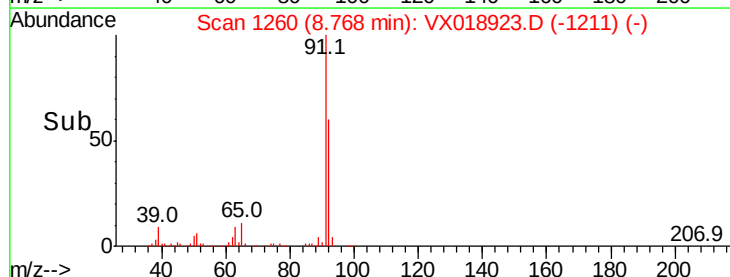
300000

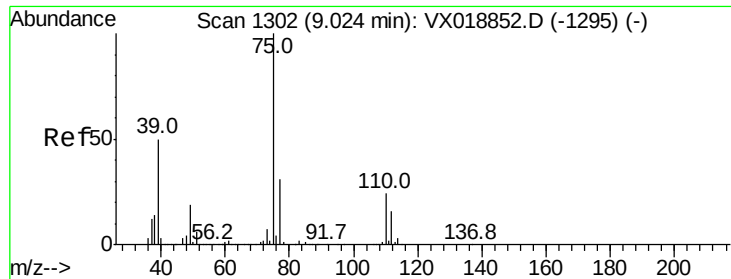
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.981 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

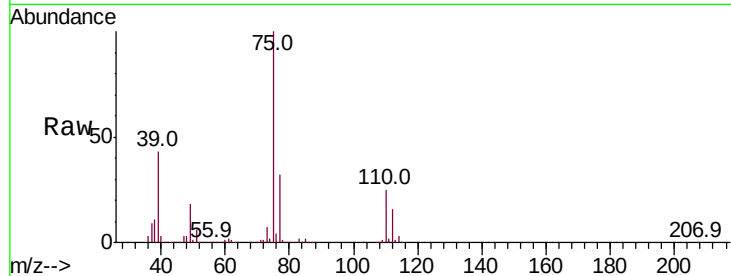
VSTDCCC050EC

Tot Ion: 75 Resp: 220171

Ion Ratio Lower Upper

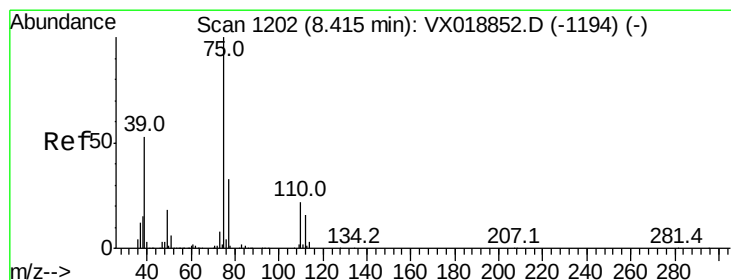
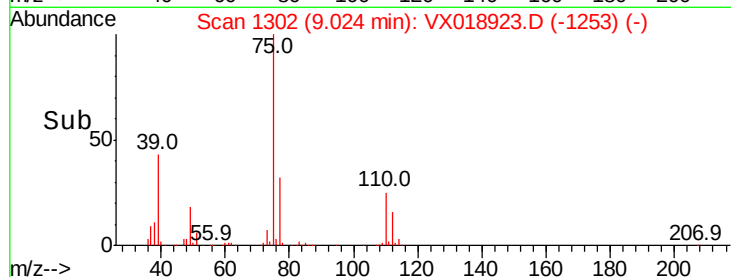
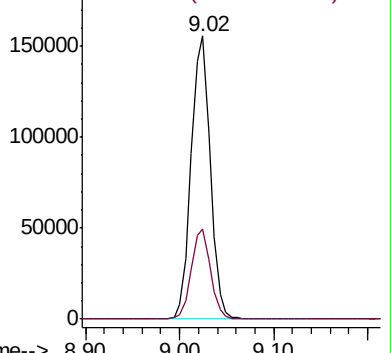
75 100

77 31.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.618 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

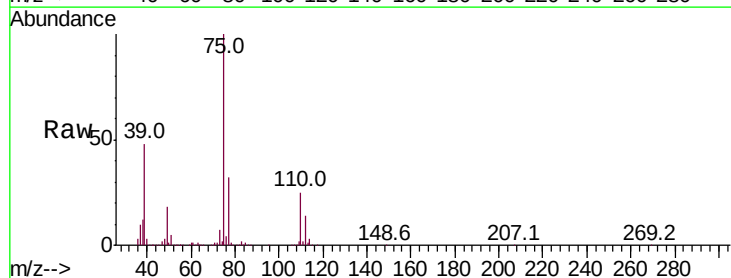
Tgt Ion: 75 Resp: 229496

Ion Ratio Lower Upper

75 100

77 31.9 26.6 39.8

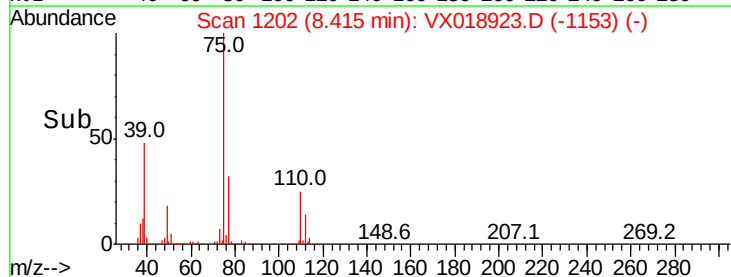
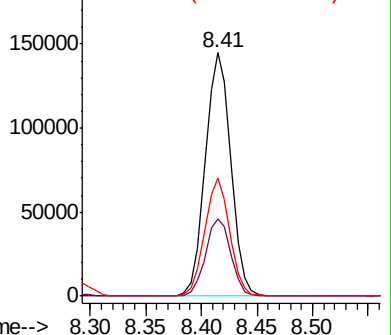
39 48.3 42.6 64.0

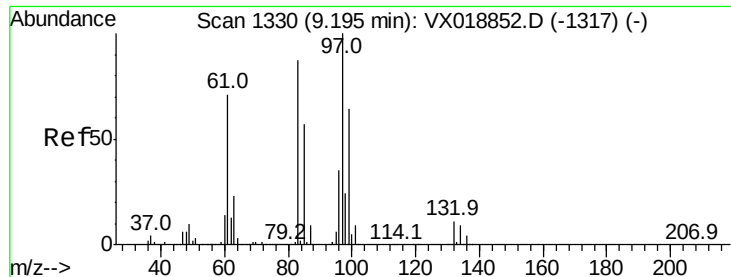


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

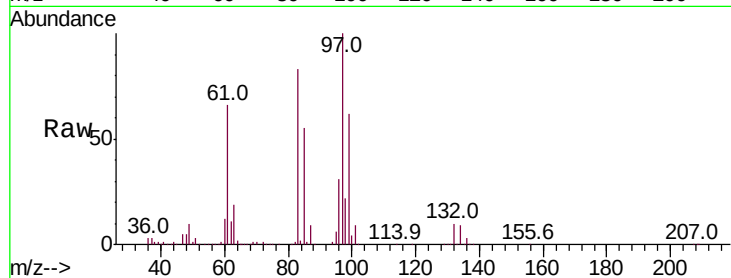




#55
 1,1,2-Trichloroethane
 Concen: 47.826 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	137877
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.3	103.9
85	54.8	45.3	67.9
99	62.3	51.0	76.6



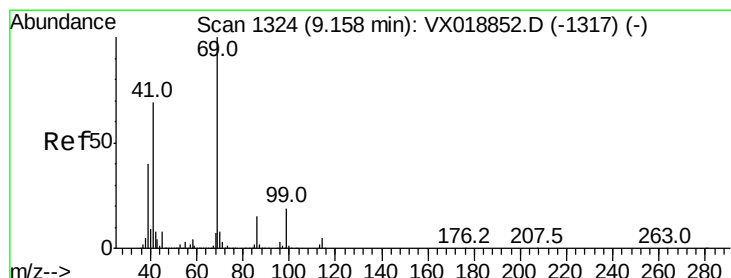
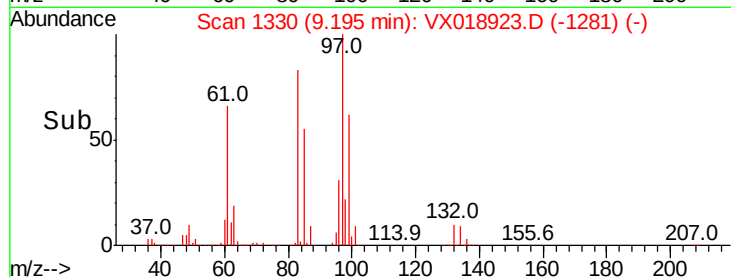
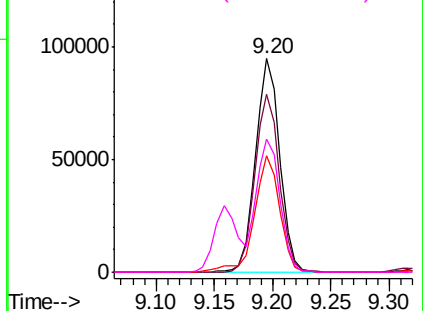
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

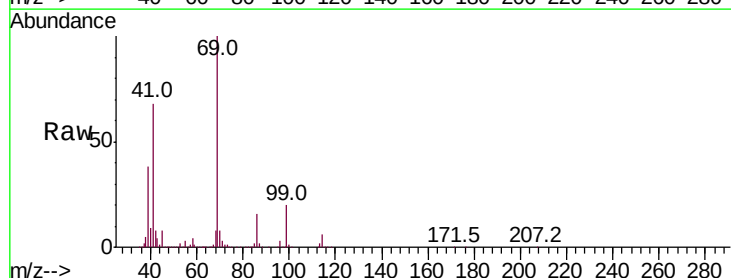
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.446 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion:	69	Resp:	203476
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.6	81.8
39	36.0	31.5	47.3

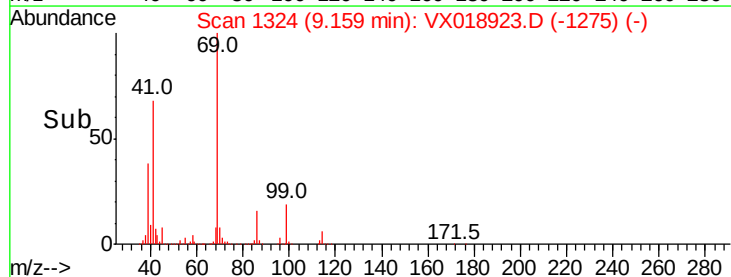
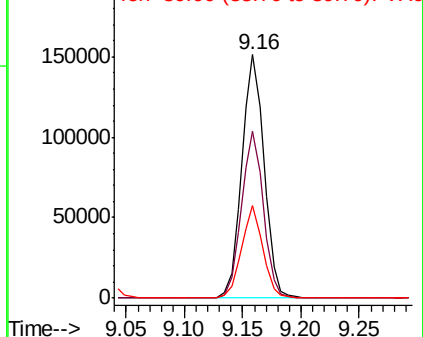


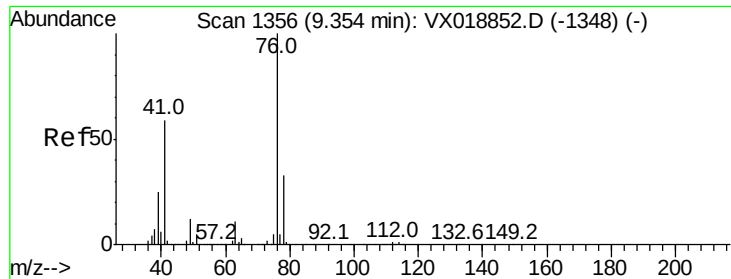
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

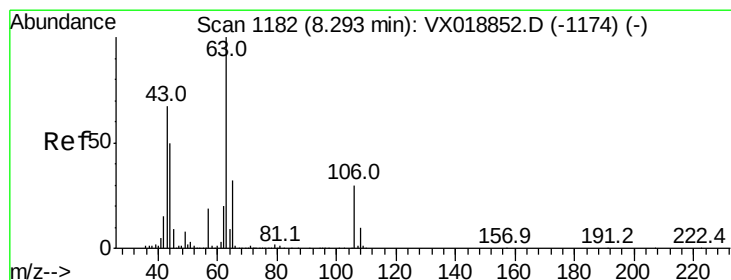
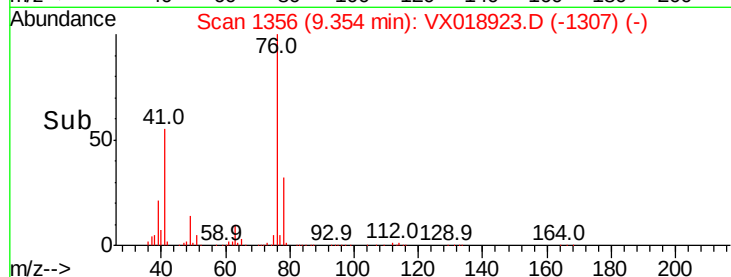
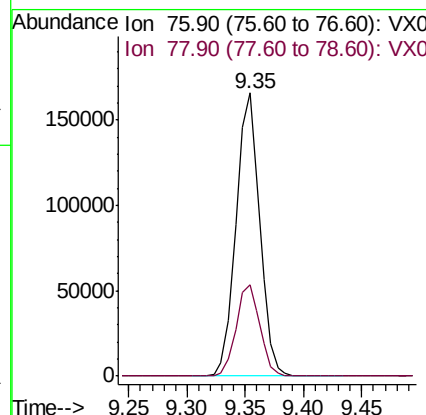
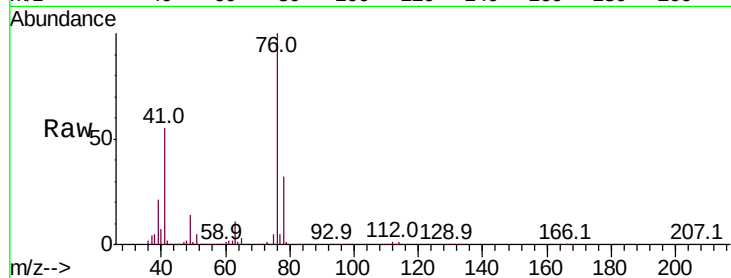




#57
 1,3-Dichloropropane
 Concen: 50.296 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

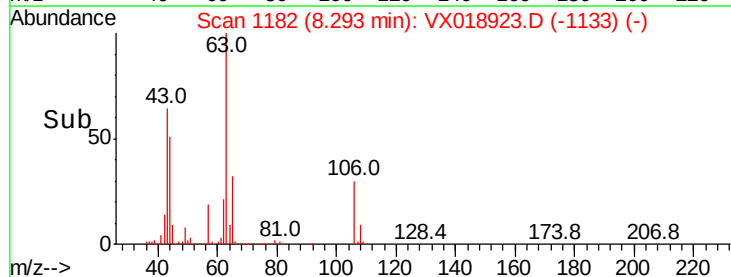
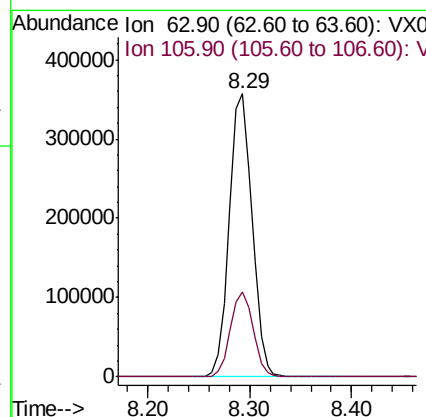
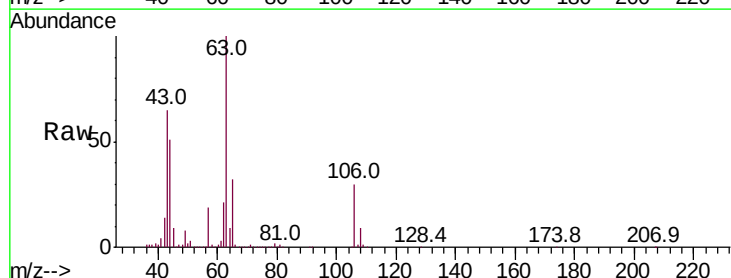
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

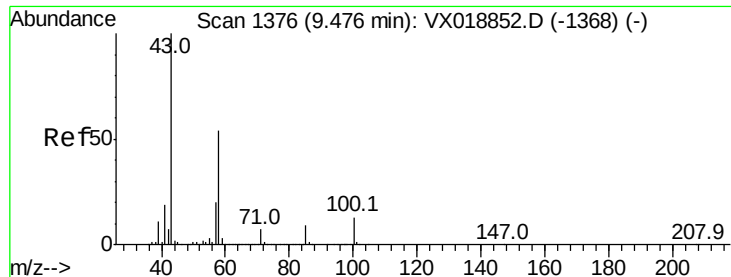
Tot Ion: 76 Resp: 235276
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.737 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 63 Resp: 554279
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.2 36.4

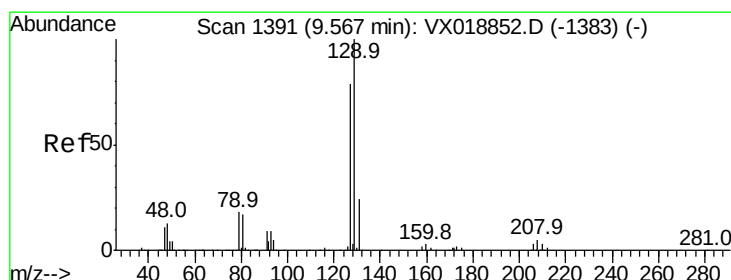
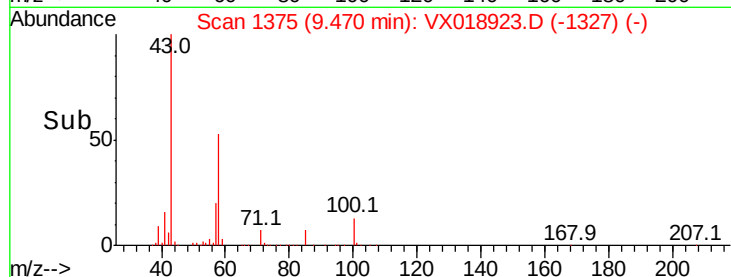
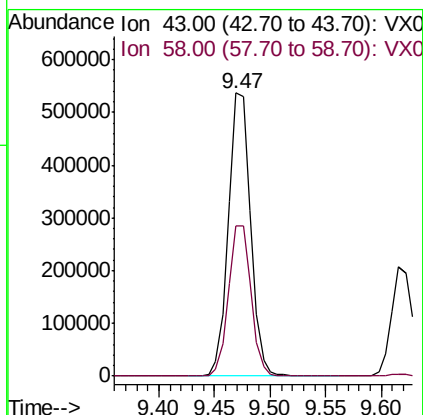
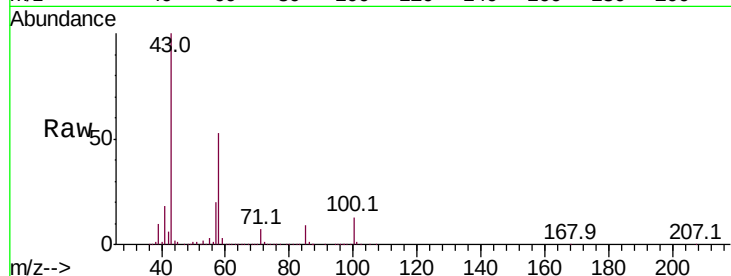




#59
2-Hexanone
Concen: 266.912 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

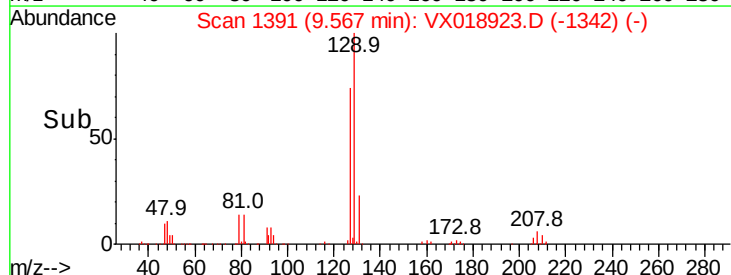
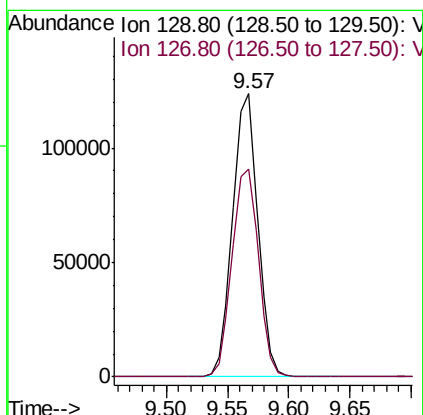
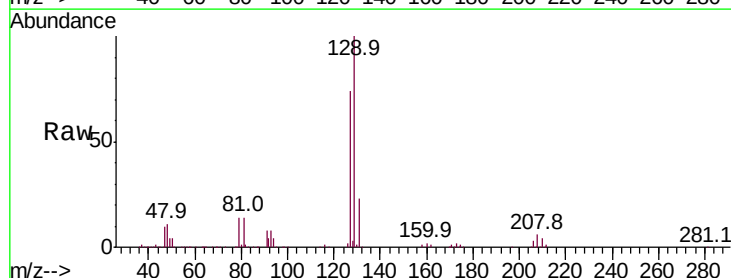
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

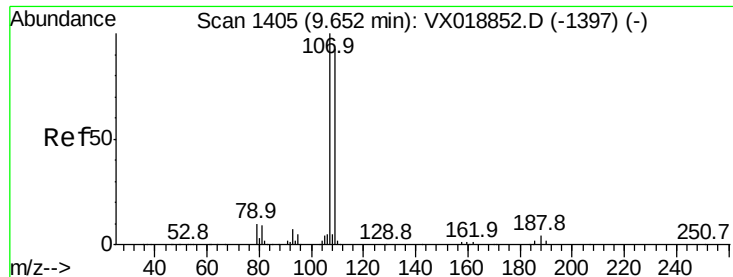
Tot Ion: 43 Resp: 741519
Ion Ratio Lower Upper
43 100
58 54.1 26.7 80.1



#60
Dibromochloromethane
Concen: 48.672 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 129 Resp: 176140
Ion Ratio Lower Upper
129 100
127 77.1 39.5 118.5





#61

1,2-Dibromoethane

Concen: 48.962 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

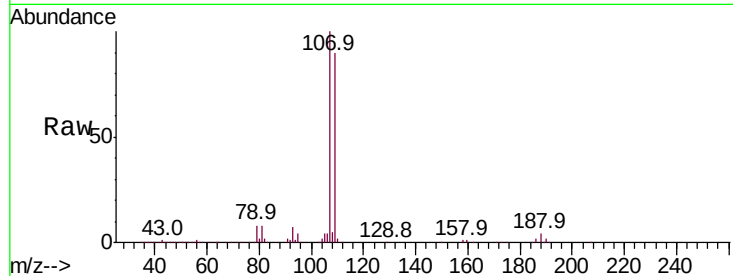
VSTDCCC050EC

Tot Ion:107 Resp: 151370

Ion Ratio Lower Upper

107 100

109 93.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

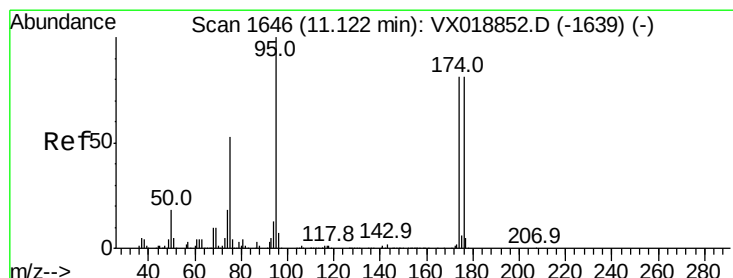
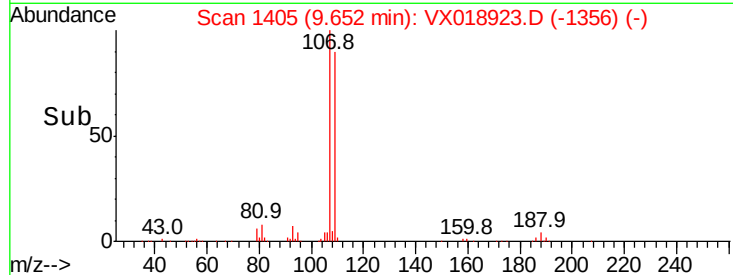
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.402 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

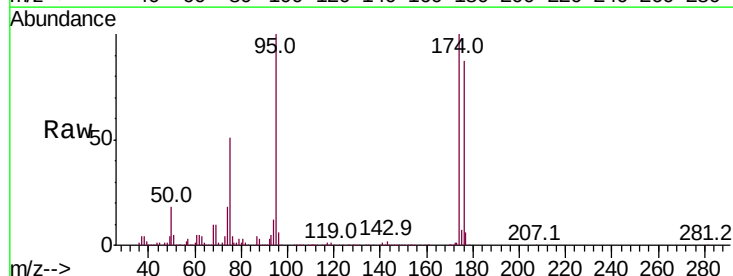
Tgt Ion: 95 Resp: 176565

Ion Ratio Lower Upper

95 100

174 91.9 0.0 160.0

176 85.8 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

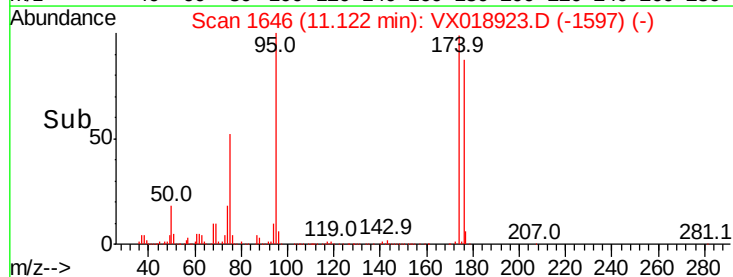
150000

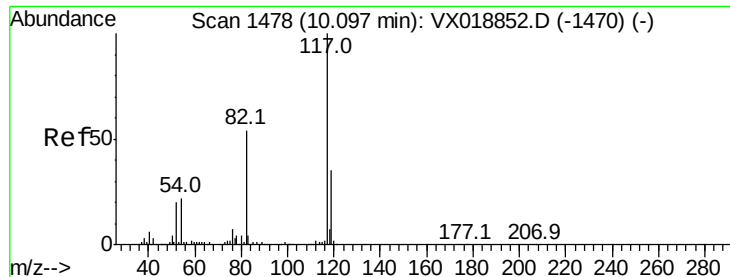
100000

50000

0

Time-->

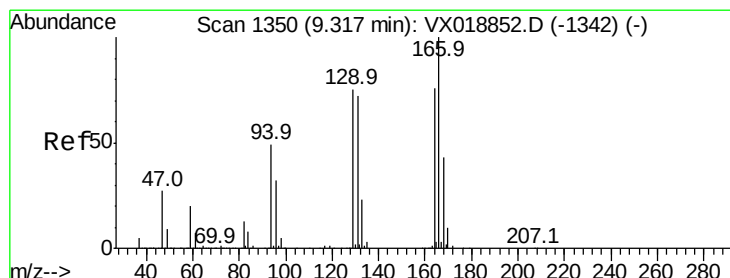
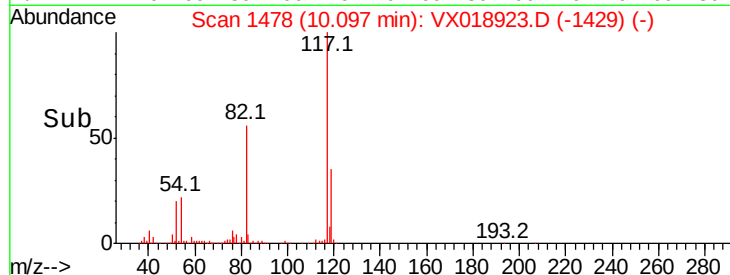
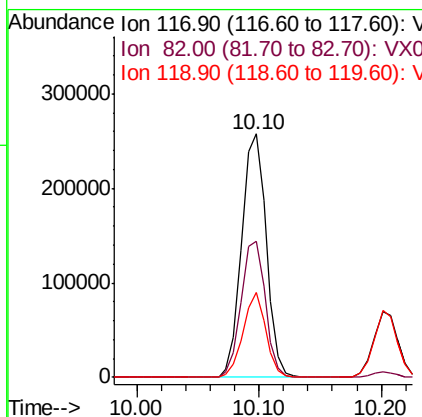
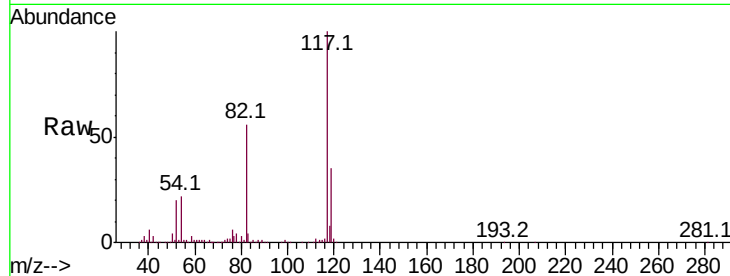




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

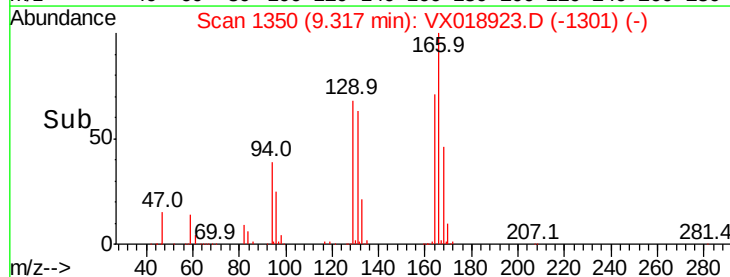
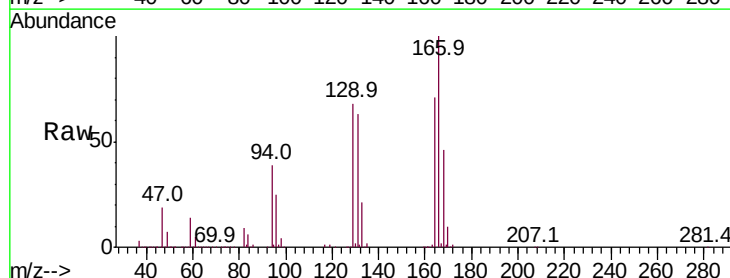
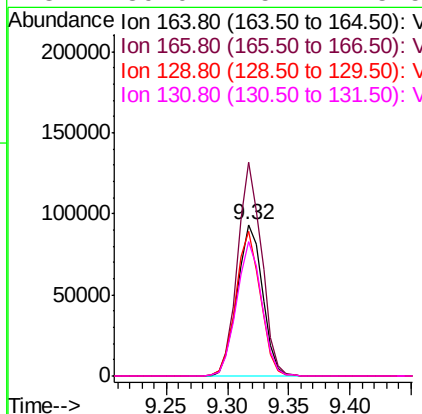
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

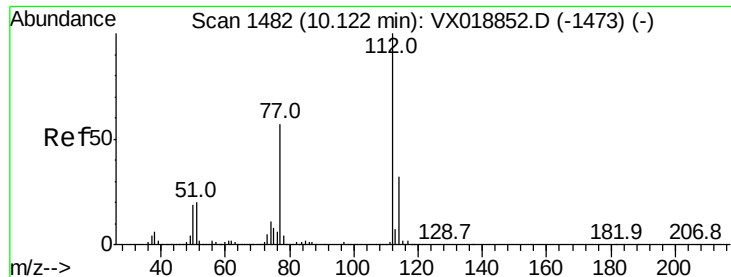
Tot Ion:117 Resp: 359345
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.2
119 34.9 28.3 42.5



#64
Tetrachloroethene
Concen: 50.801 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion:164 Resp: 133243
Ion Ratio Lower Upper
164 100
166 141.4 105.4 158.0
129 95.5 79.0 118.6
131 89.0 75.7 113.5

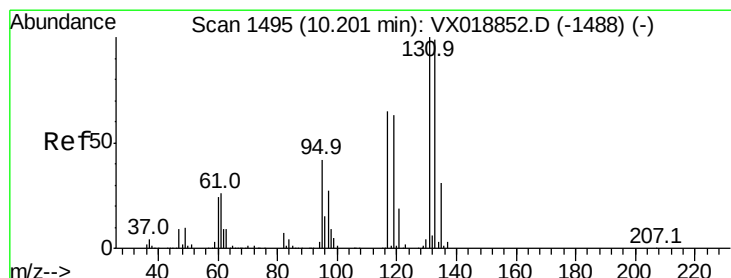
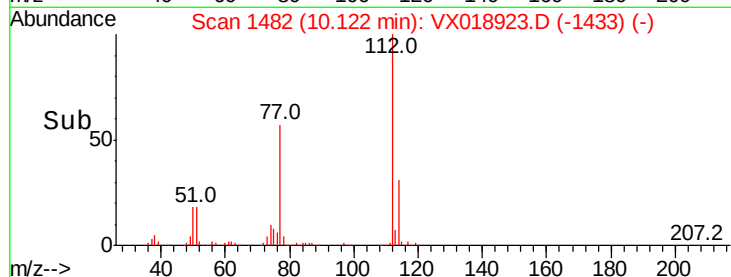
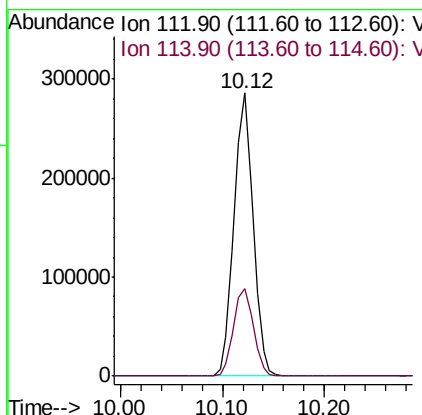
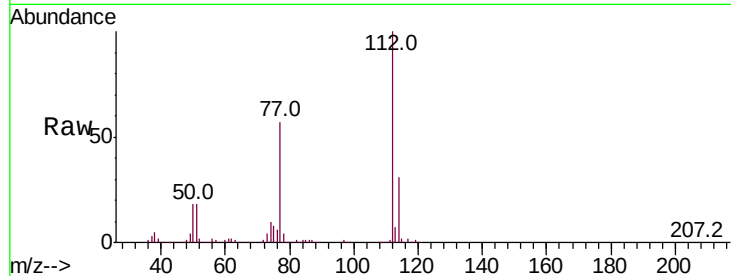




#65
Chlorobenzene
Concen: 47.480 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

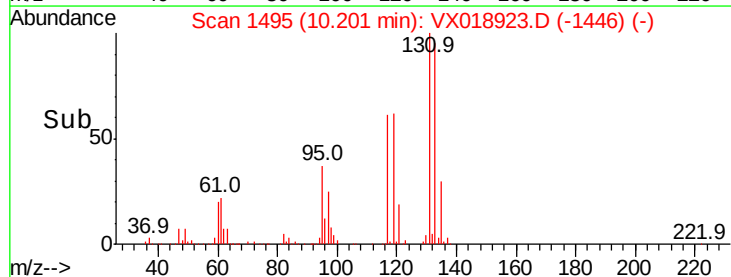
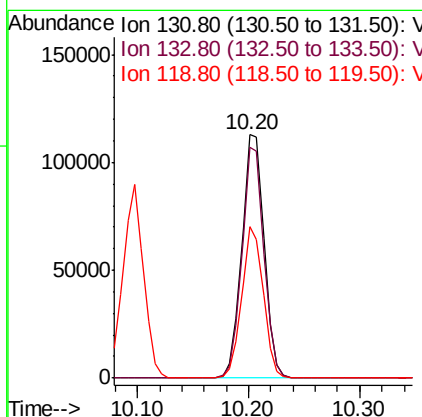
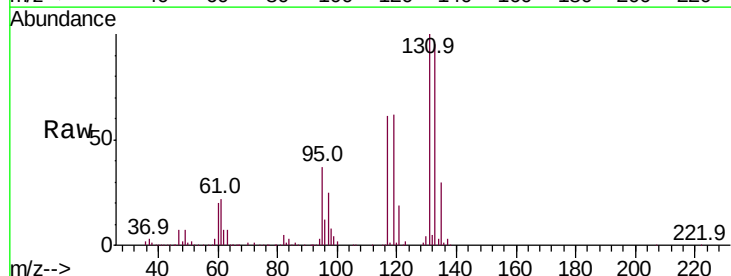
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

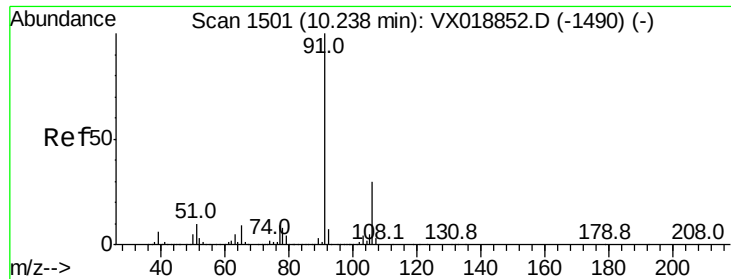
Tot Ion:112 Resp: 368708
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.726 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion:131 Resp: 156102
Ion Ratio Lower Upper
131 100
133 93.8 48.6 145.8
119 60.4 31.1 93.3

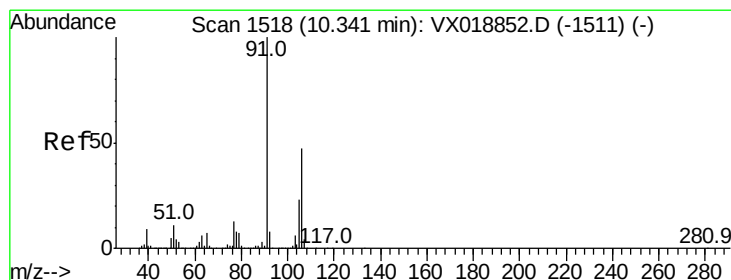
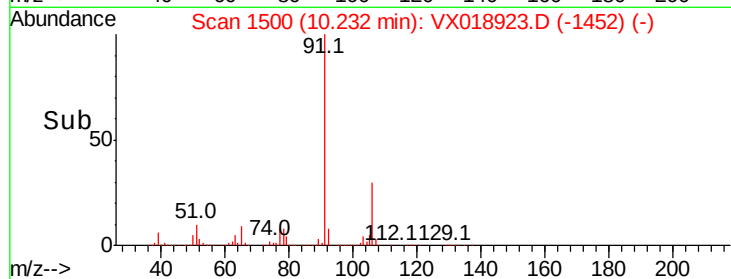
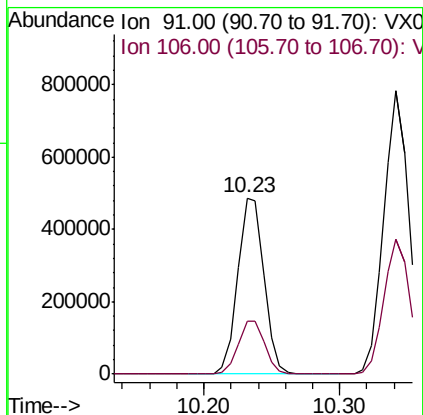
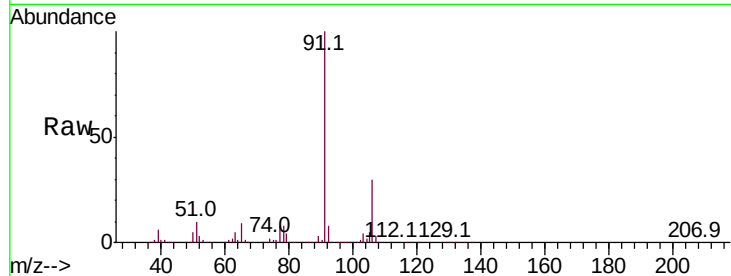




#67
Ethyl Benzene
Concen: 49.991 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

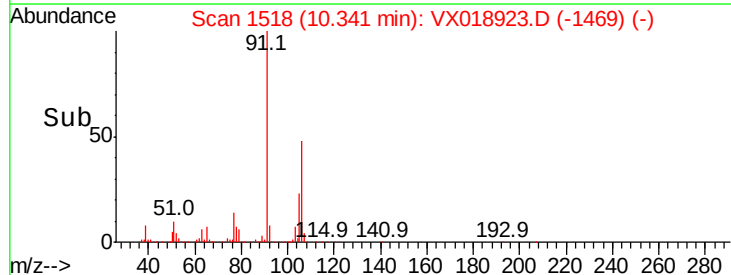
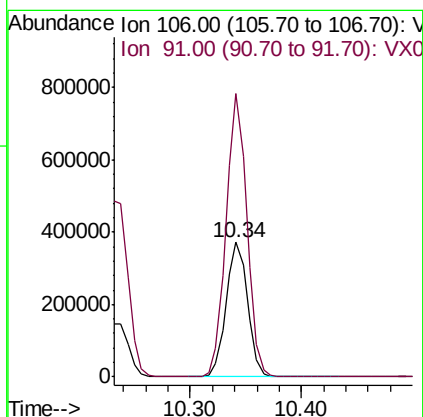
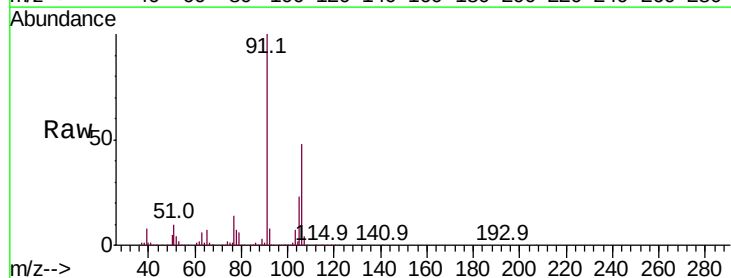
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

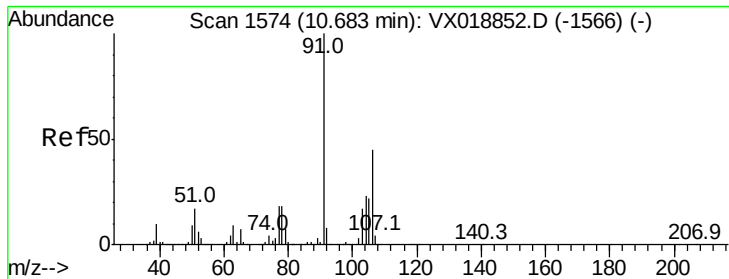
Tot Ion: 91 Resp: 654905
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



#68
m/p-Xylenes
Concen: 99.570 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 106 Resp: 495580
Ion Ratio Lower Upper
106 100
91 204.7 165.6 248.4

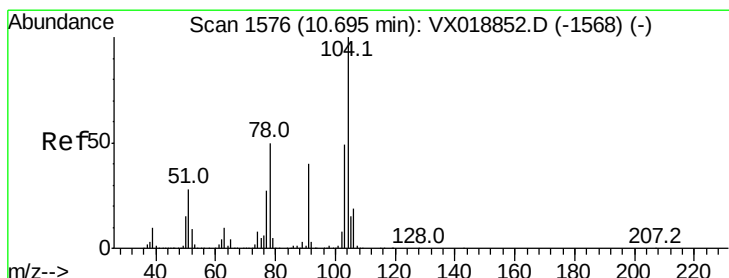
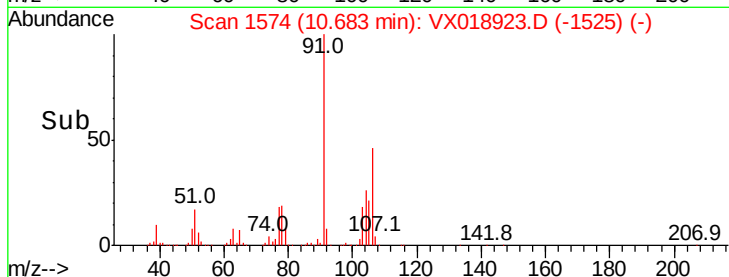
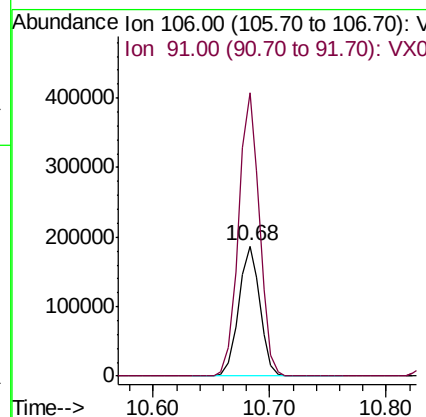
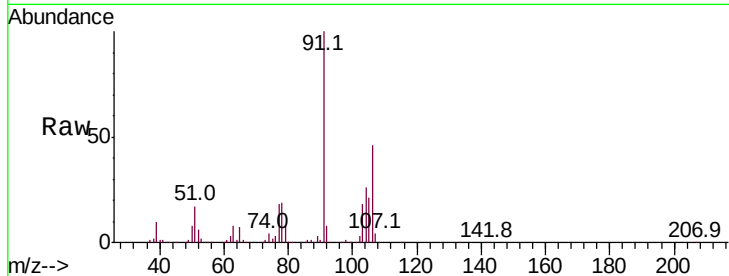




#69
o-Xylene
Concen: 50.479 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

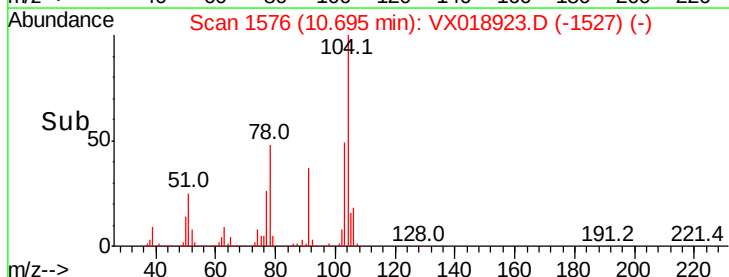
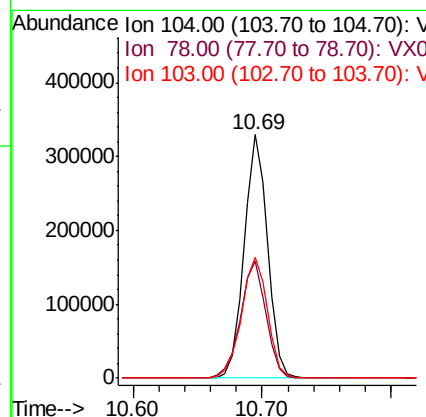
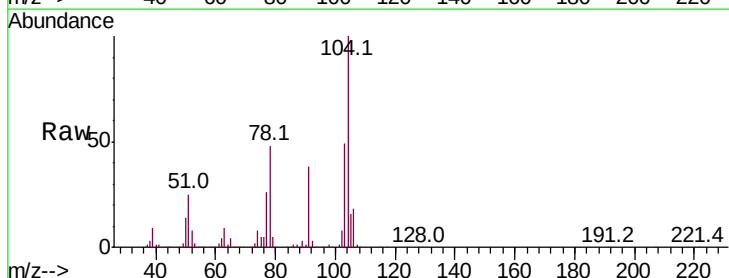
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

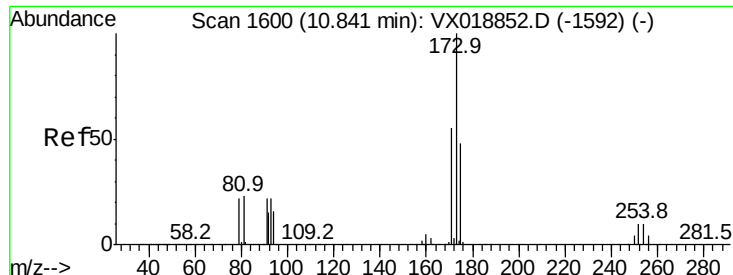
Tot Ion:106 Resp: 236712
Ion Ratio Lower Upper
106 100
91 215.3 109.9 329.6



#70
Styrene
Concen: 51.972 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion:104 Resp: 412593
Ion Ratio Lower Upper
104 100
78 52.9 43.5 65.3
103 55.4 43.3 64.9





#71

Bromoform

Concen: 50.811 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

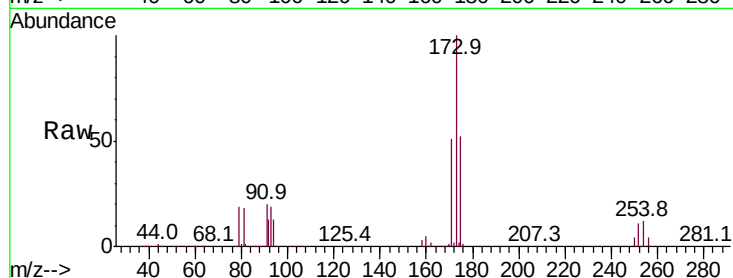
Tot Ion:173 Resp: 140797

Ion Ratio Lower Upper

173 100

175 48.0 23.4 70.0

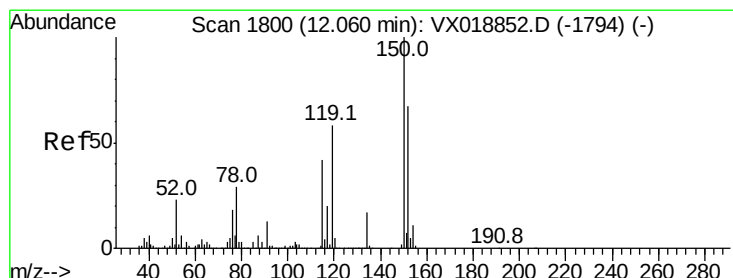
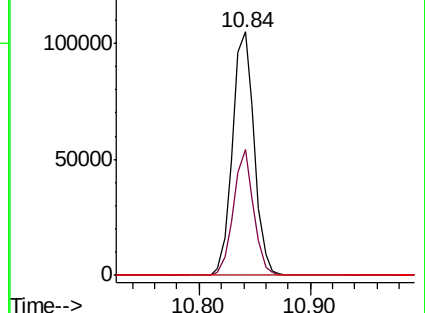
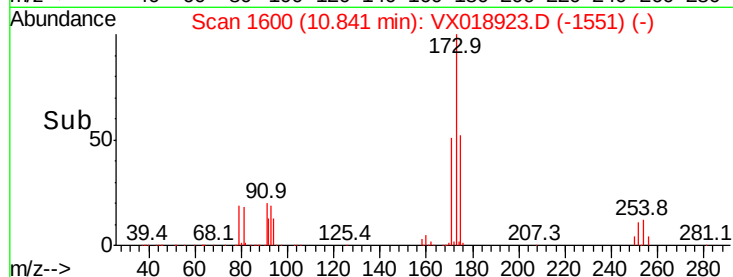
254 0.1 0.0 0.0#



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: VX018923.D

Acq: 12 Oct 2020 22:48

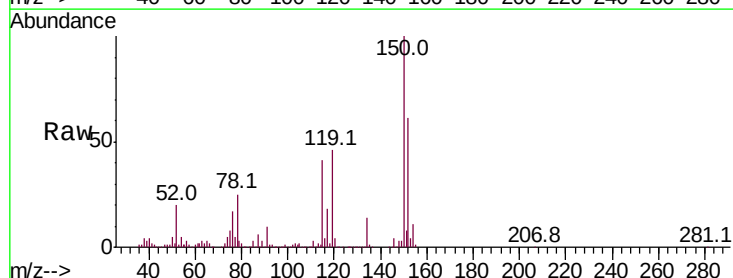
Tgt Ion:152 Resp: 197017

Ion Ratio Lower Upper

152 100

115 84.1 41.8 125.4

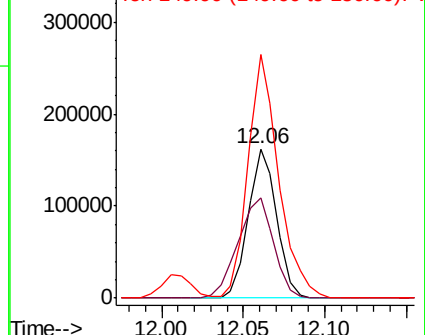
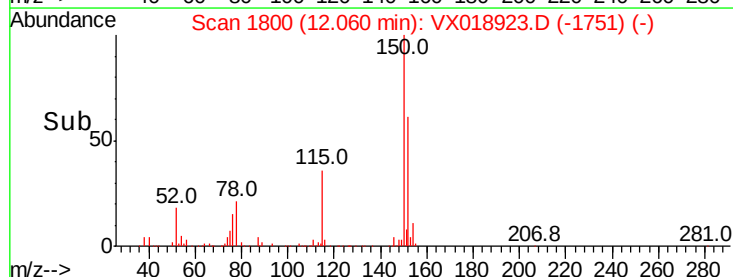
150 177.0 0.0 347.6

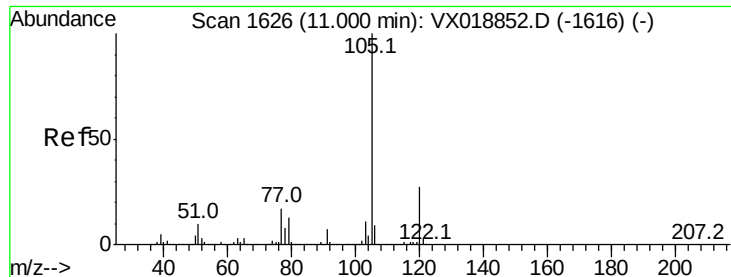


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.882 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

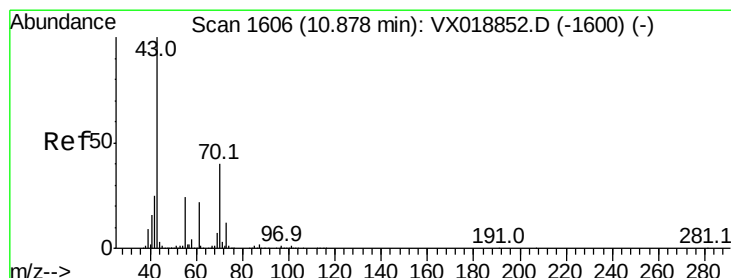
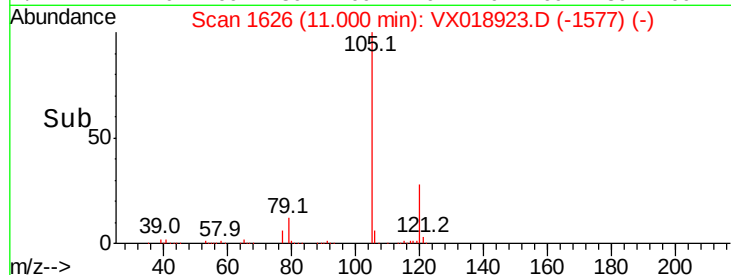
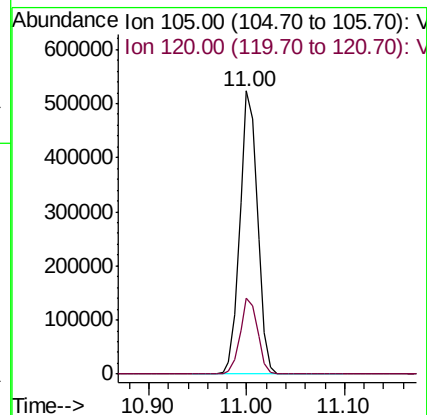
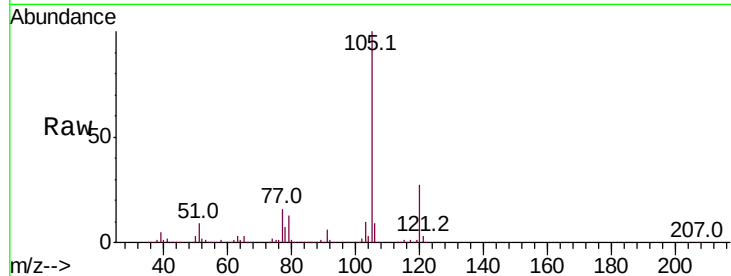
VSTDCCC050EC

Tot Ion:105 Resp: 655761

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 53.620 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Tgt Ion: 43 Resp: 273411

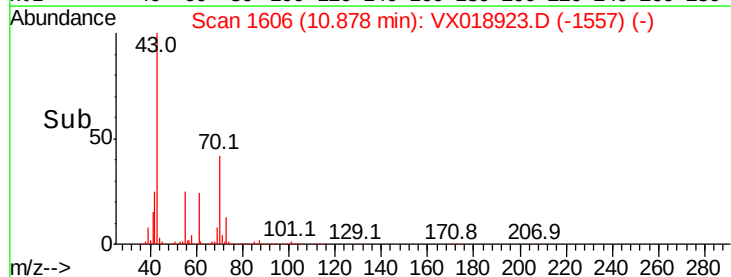
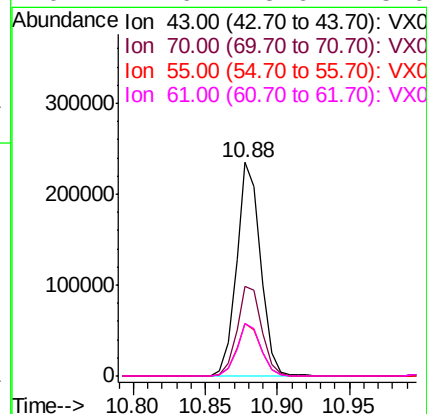
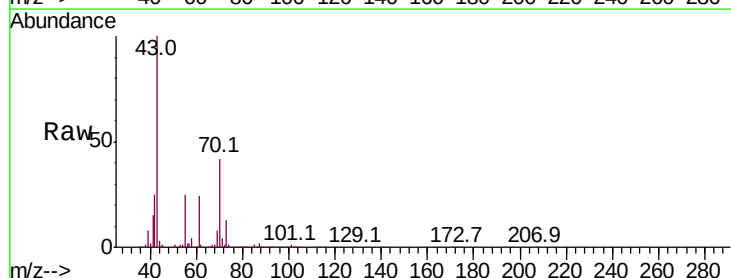
Ion Ratio Lower Upper

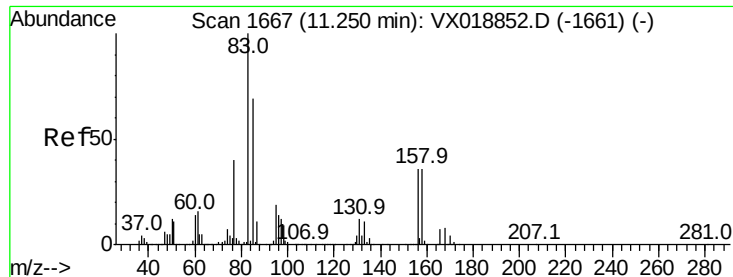
43 100

70 43.2 33.7 50.5

55 24.9 19.8 29.8

61 24.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.808 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

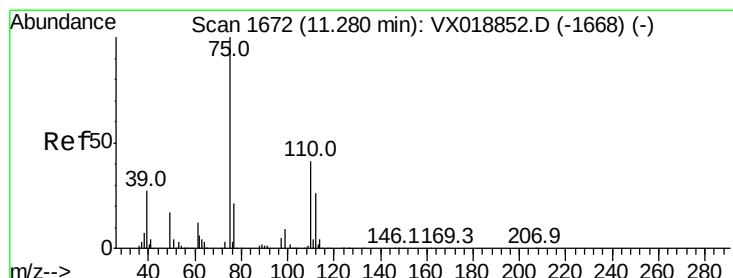
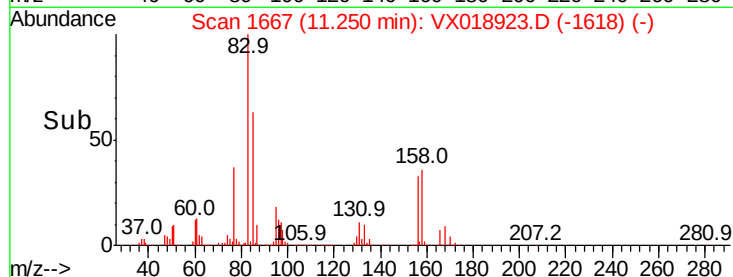
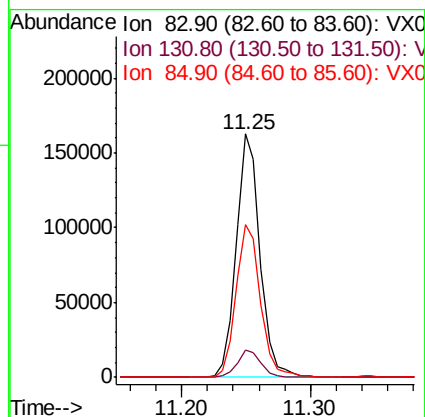
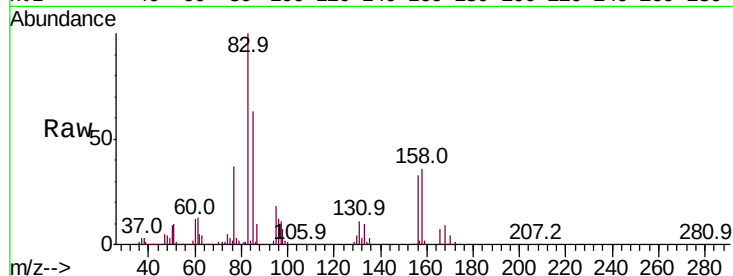
Tot Ion: 83 Resp: 209658

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.8

85 64.7 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 60.045 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018923.D

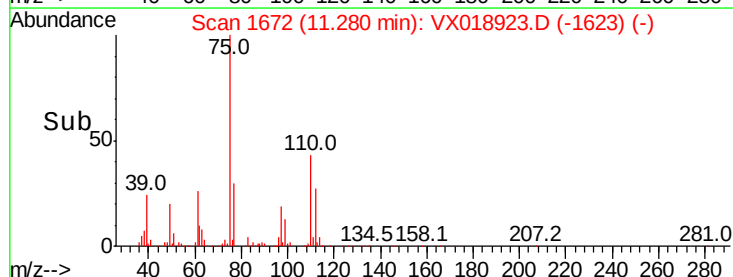
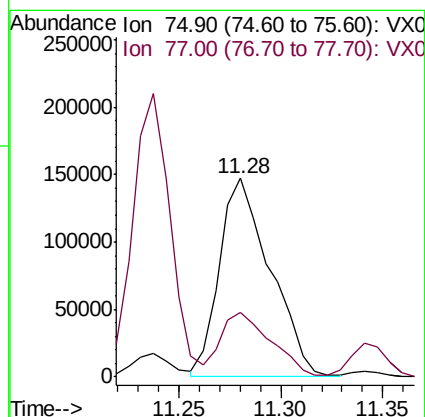
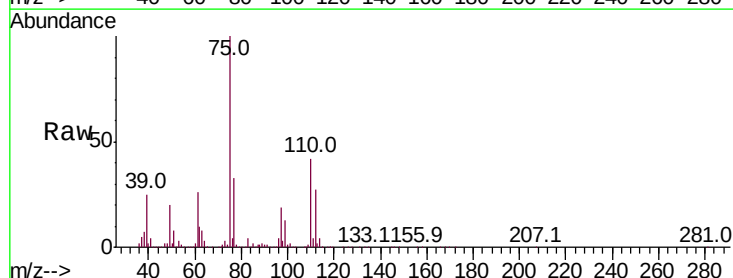
Acq: 12 Oct 2020 22:48

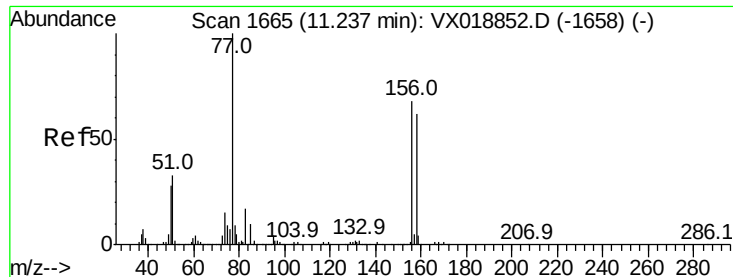
Tgt Ion: 75 Resp: 254896

Ion Ratio Lower Upper

75 100

77 32.2 20.2 60.6





#77

Bromobenzene

Concen: 52.003 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

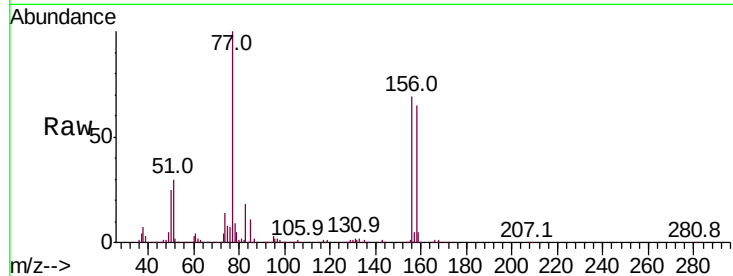
Tot Ion:156 Resp: 184104

Ion Ratio Lower Upper

156 100

77 145.9 76.0 228.1

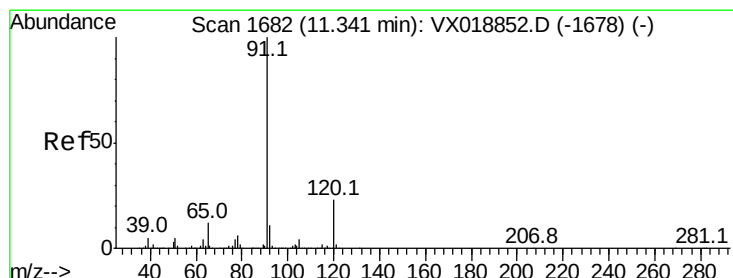
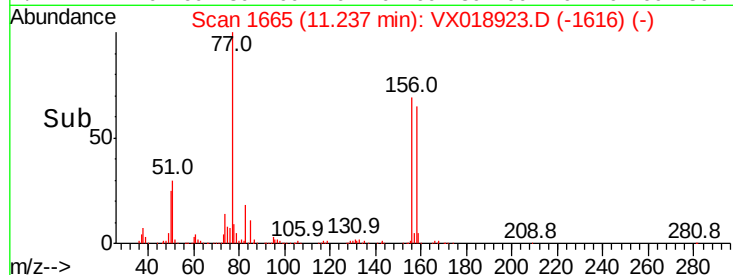
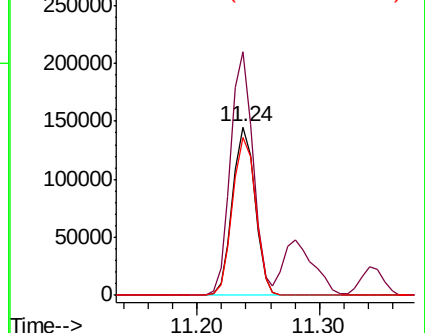
158 96.6 47.2 141.6



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: 50.401 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018923.D

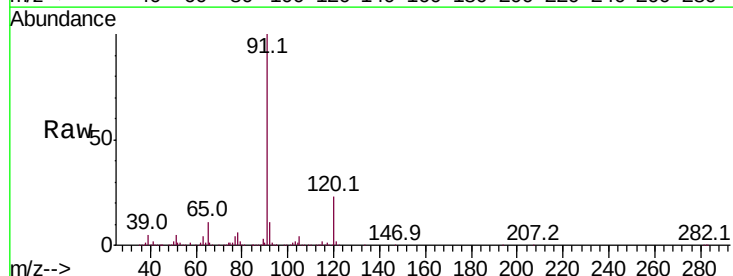
Acq: 12 Oct 2020 22:48

Tgt Ion: 91 Resp: 740169

Ion Ratio Lower Upper

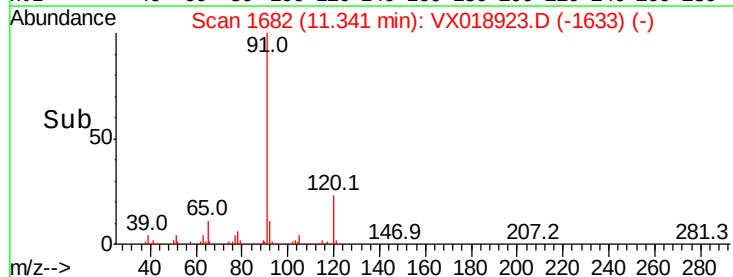
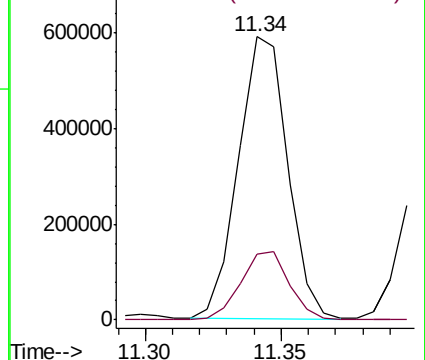
91 100

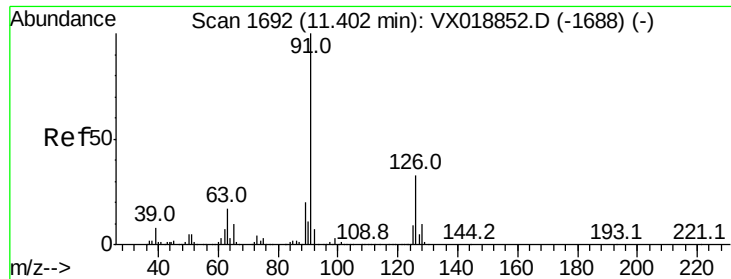
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

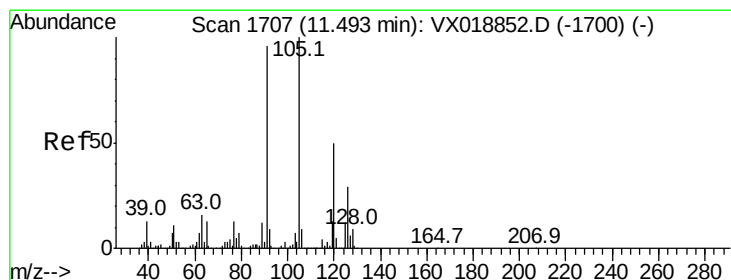
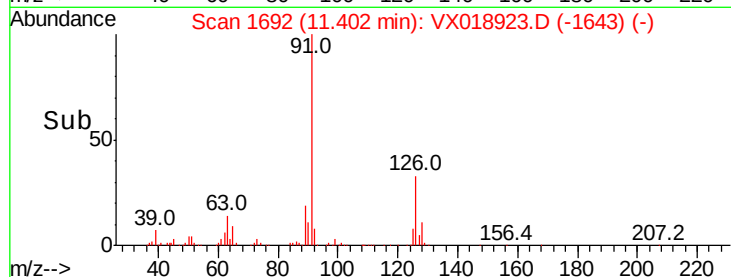
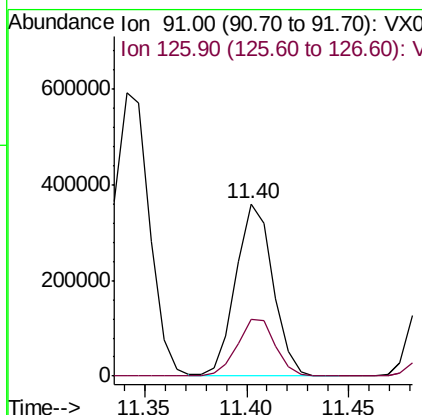
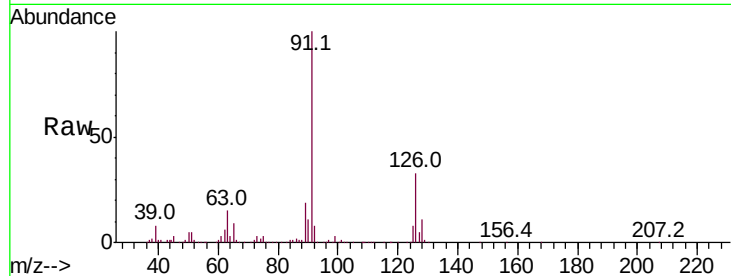




#79
 2-Chlorotoluene
 Concen: 49.572 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

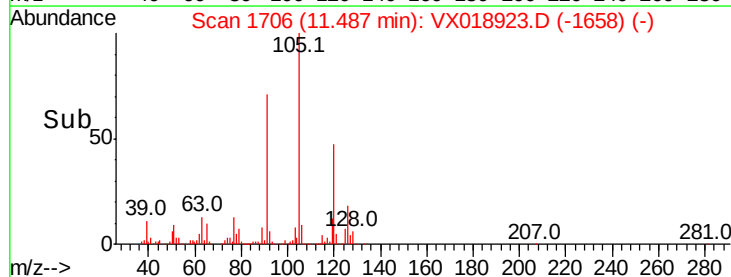
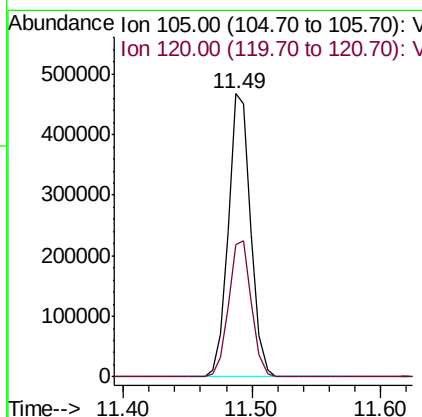
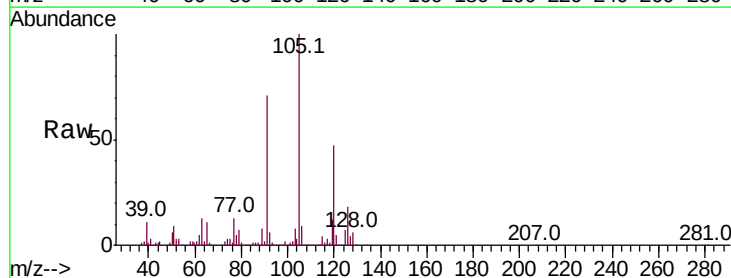
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

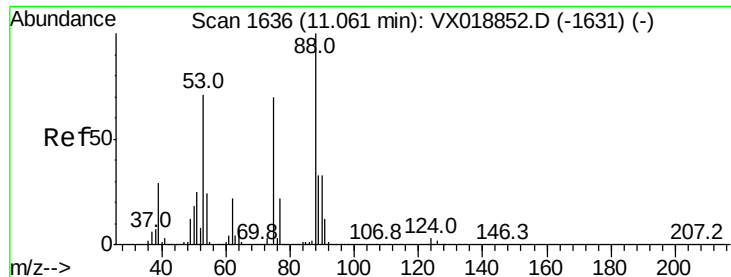
Tot Ion: 91 Resp: 453800
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.694 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 105 Resp: 569883
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.734 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

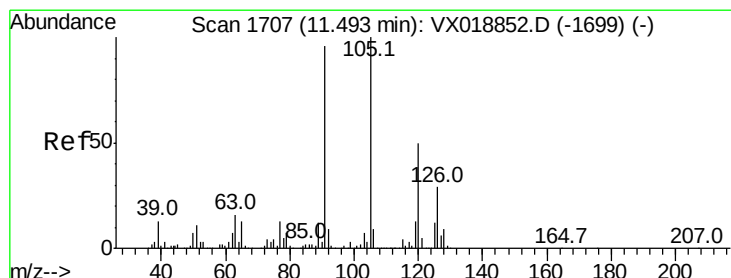
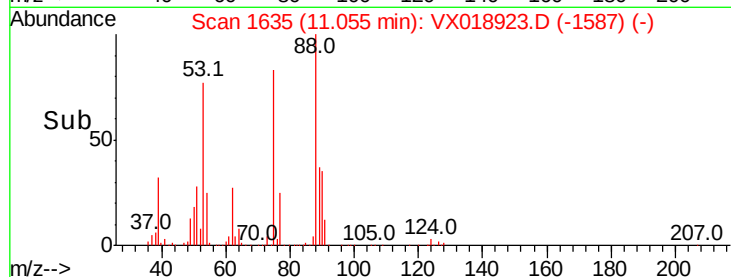
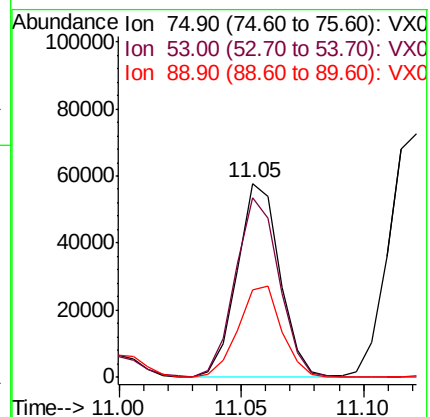
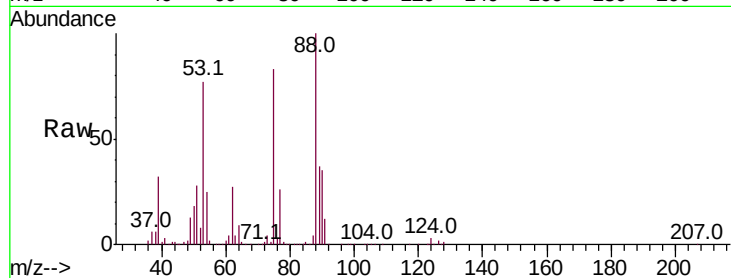
Tot Ion: 75 Resp: 70005

Ion Ratio Lower Upper

75 100

53 95.1 85.0 127.4

89 47.9 39.0 58.4



#82

4-Chlorotoluene

Concen: 50.110 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018923.D

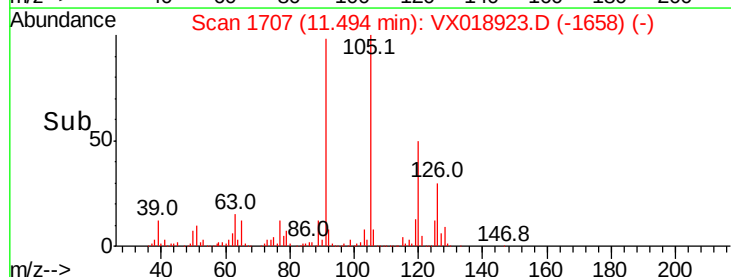
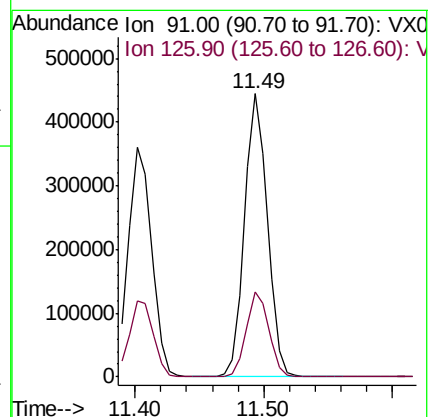
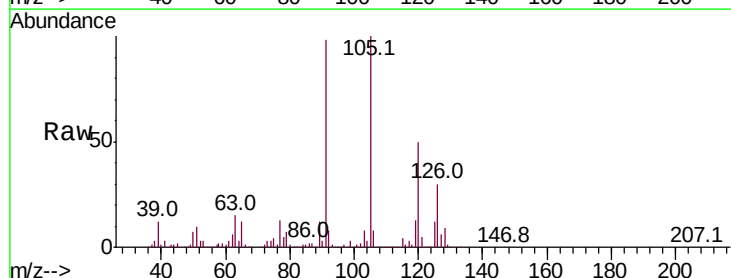
Acq: 12 Oct 2020 22:48

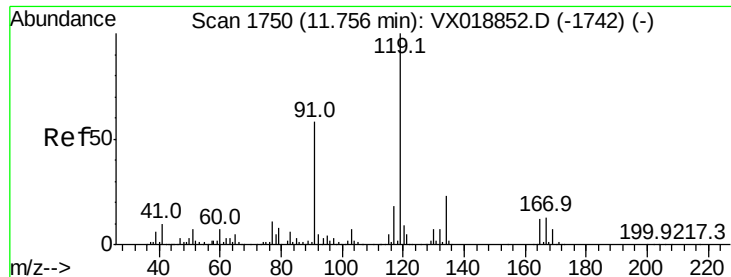
Tgt Ion: 91 Resp: 545437

Ion Ratio Lower Upper

91 100

126 29.7 14.9 44.7

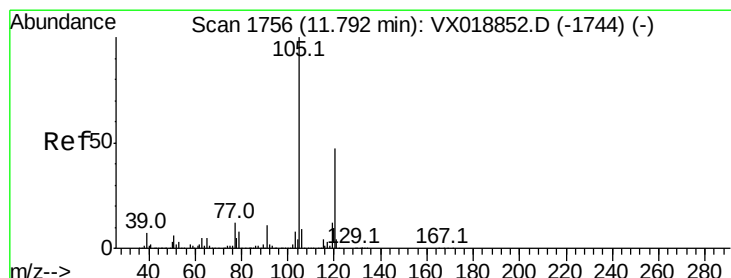
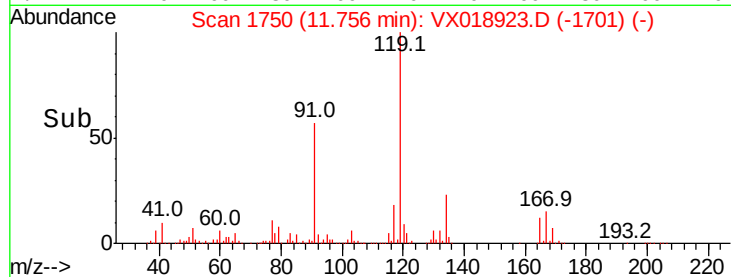
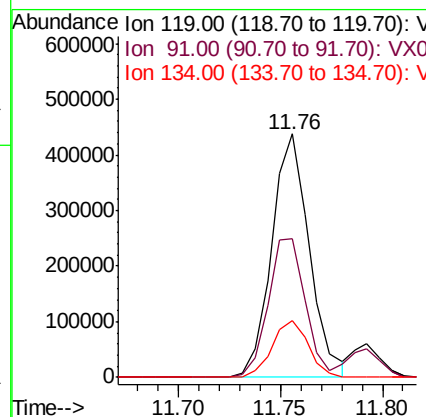
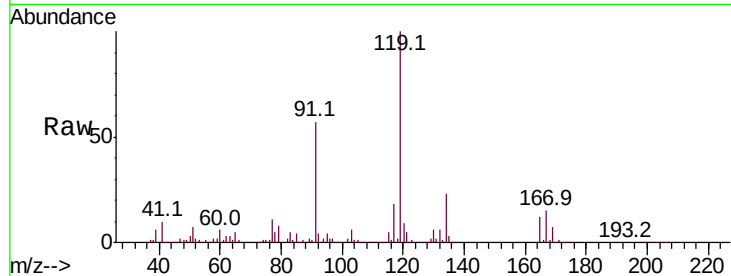




#83
 tert-Butylbenzene
 Concen: 50.842 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

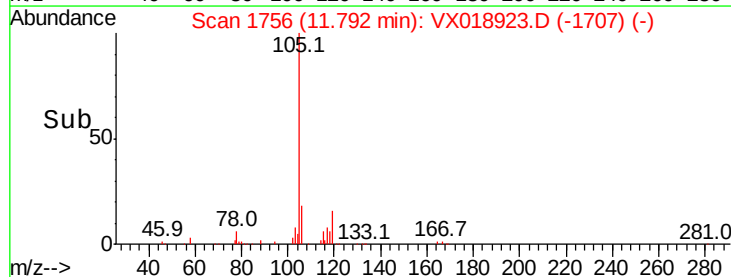
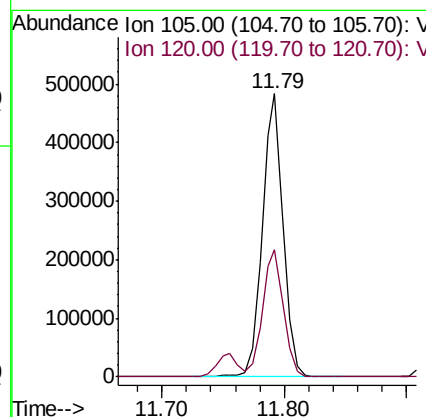
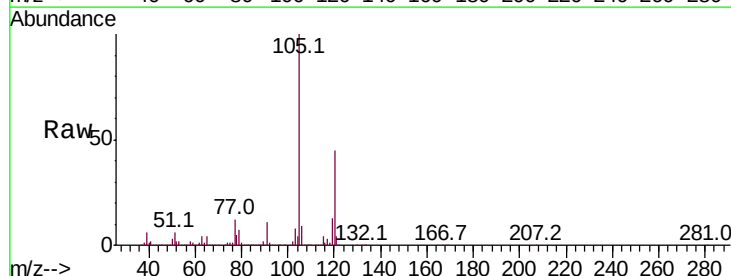
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

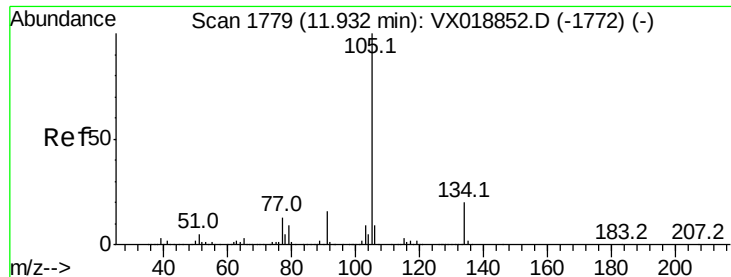
Tot Ion:119 Resp: 561299
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.6 85.9
 134 22.7 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.023 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion:105 Resp: 571793
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 50.809 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

Instrument :

MSVOA_X

ClientSampleId :

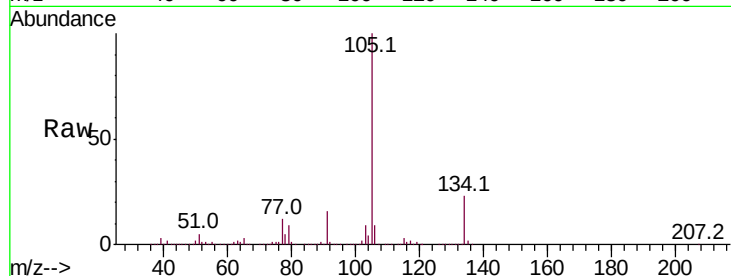
VSTDCCC050EC

Tot Ion:105 Resp: 631927

Ion Ratio Lower Upper

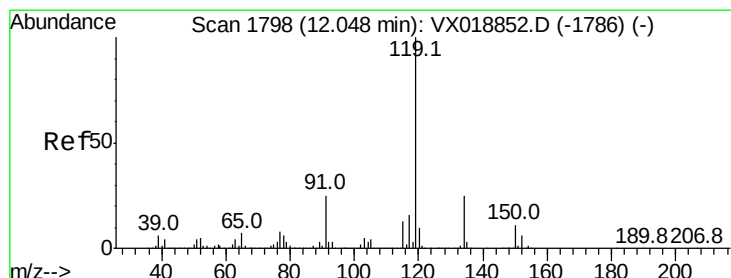
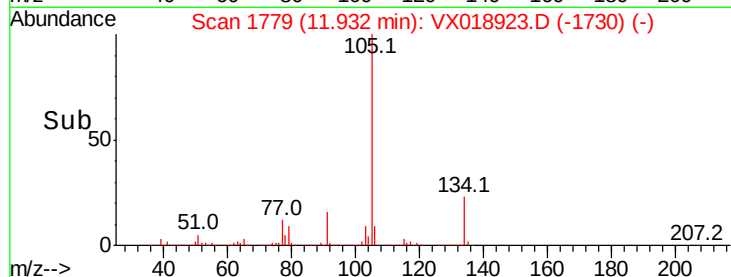
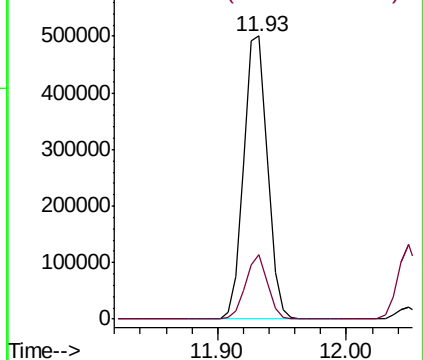
105 100

134 21.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.782 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018923.D

Acq: 12 Oct 2020 22:48

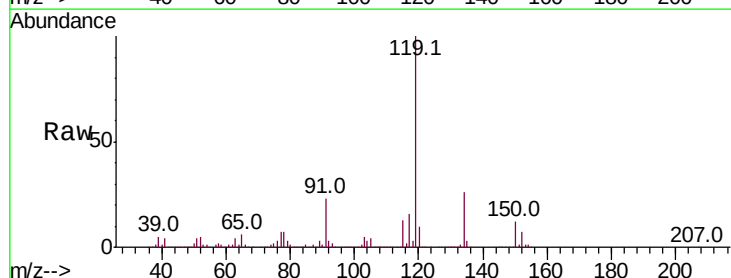
Tgt Ion:119 Resp: 599195

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

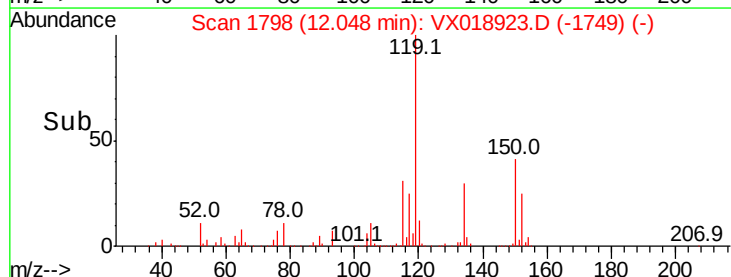
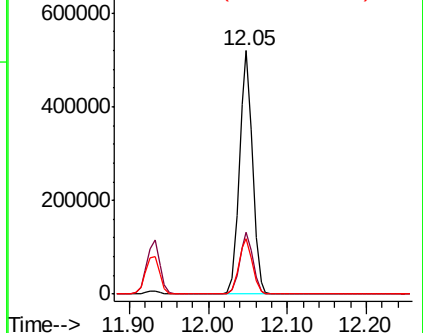
91 23.6 12.3 36.9

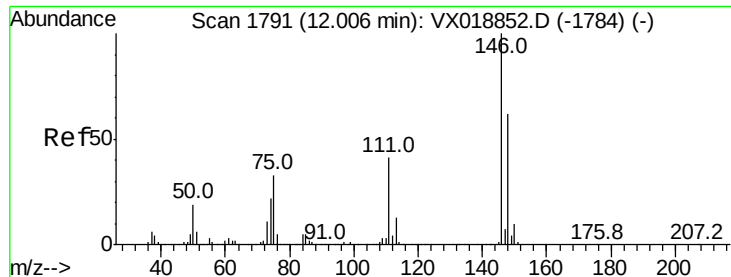


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

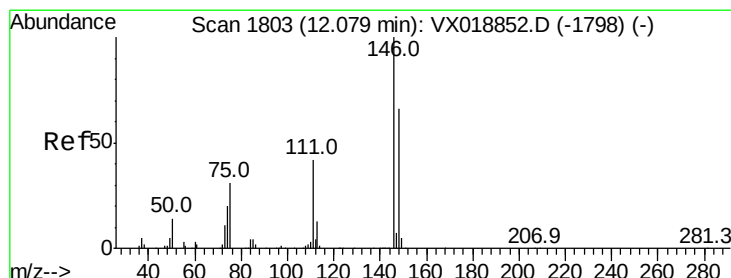
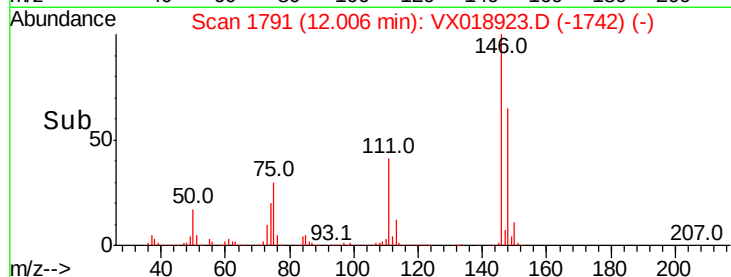
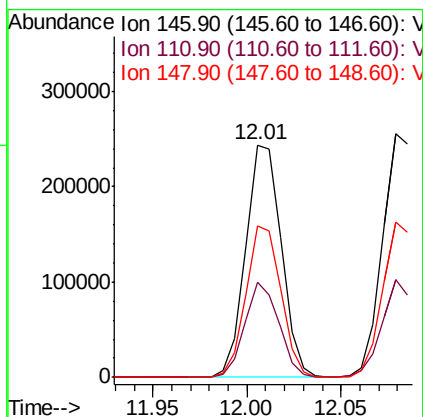
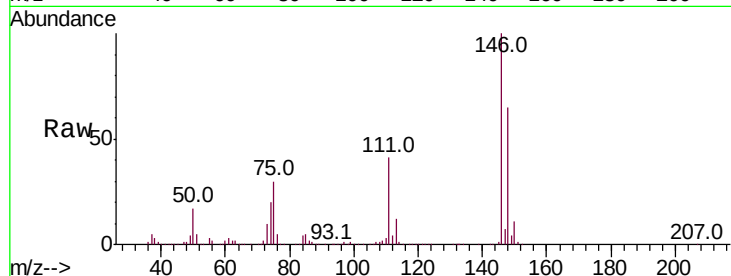




#87
 1,3-Dichlorobenzene
 Concen: 49.369 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

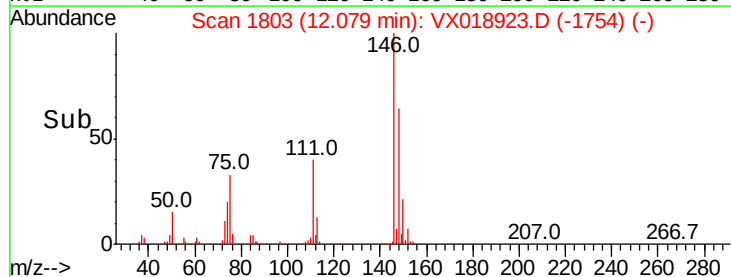
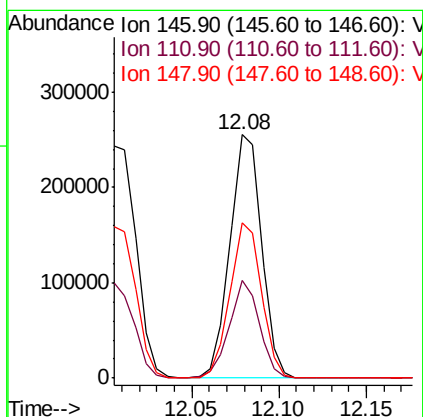
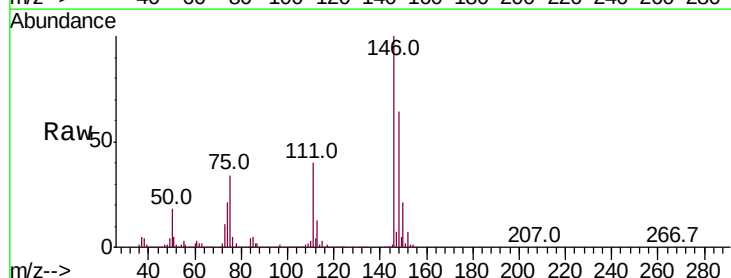
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

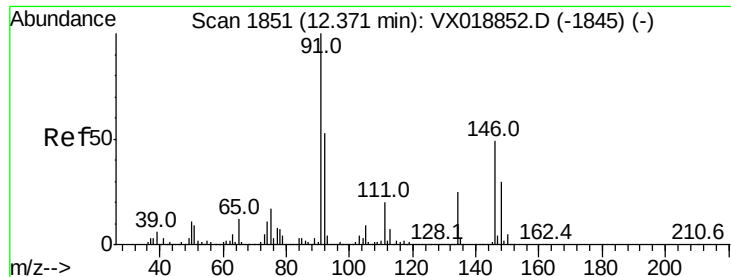
Tot Ion:146 Resp: 320989
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 59.9
 148 64.1 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 48.934 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion:146 Resp: 322271
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.5 61.5
 148 63.5 32.2 96.6

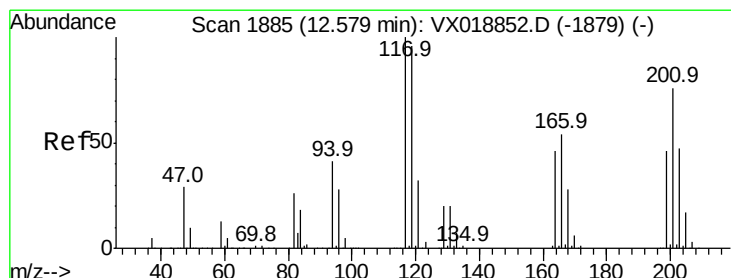
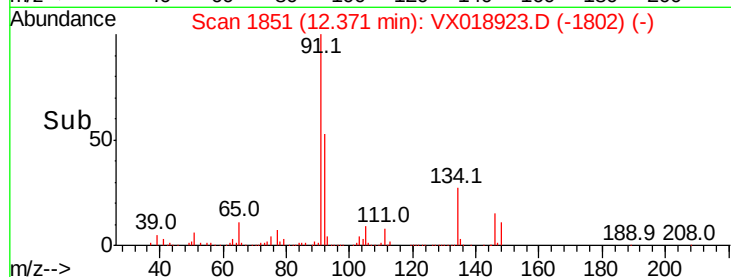
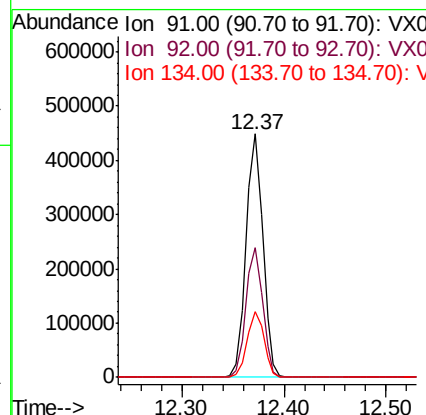
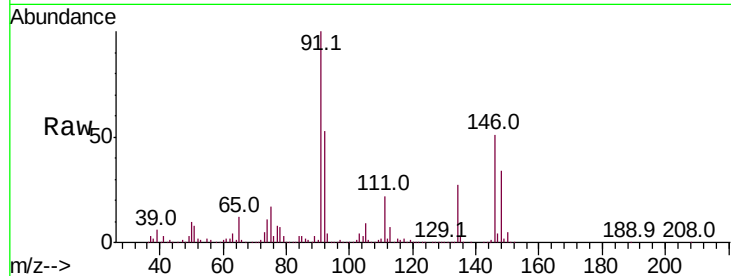




#89
n-Butylbenzene
Concen: 49.630 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

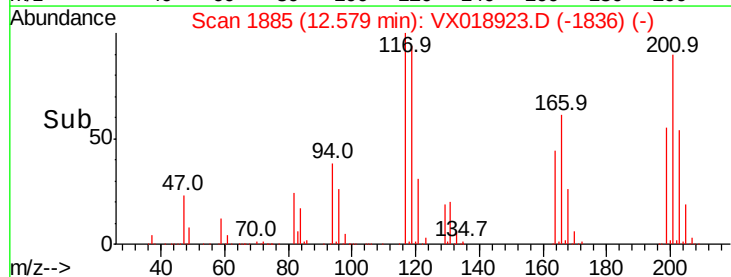
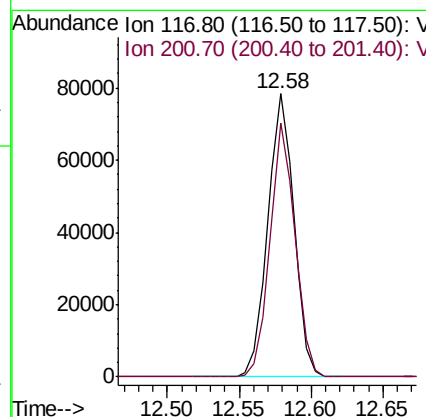
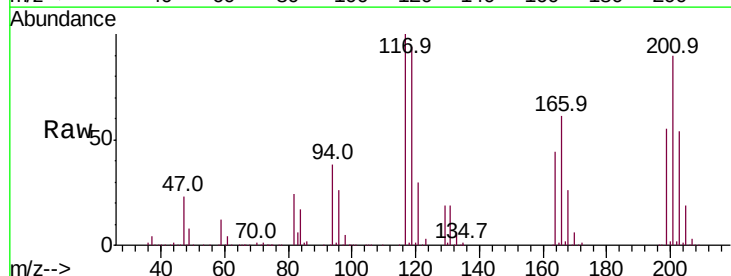
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

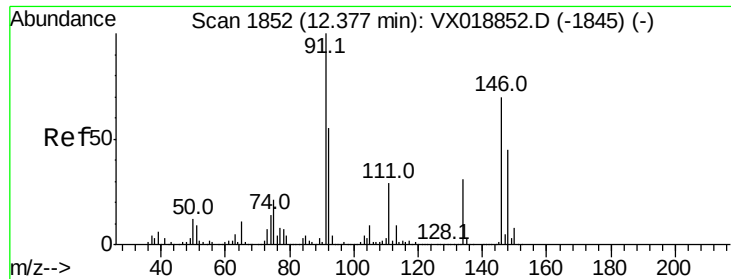
Tot Ion: 91 Resp: 508802
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.0
134 27.3 13.5 40.4



#90
Hexachloroethane
Concen: 44.667 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion: 117 Resp: 97982
Ion Ratio Lower Upper
117 100
201 86.3 37.4 112.2

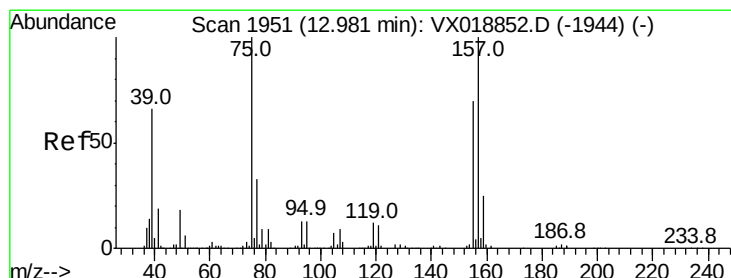
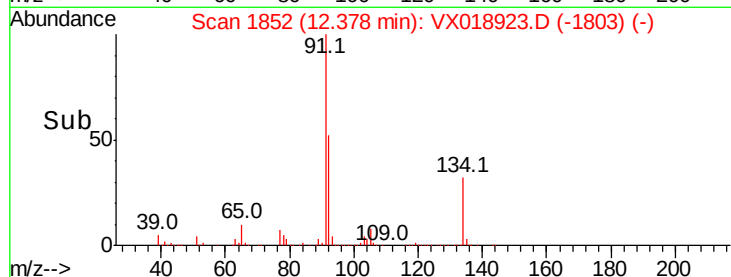
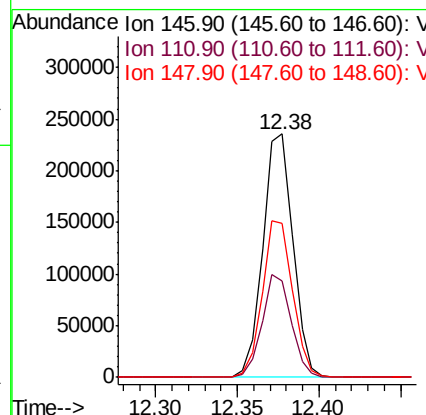
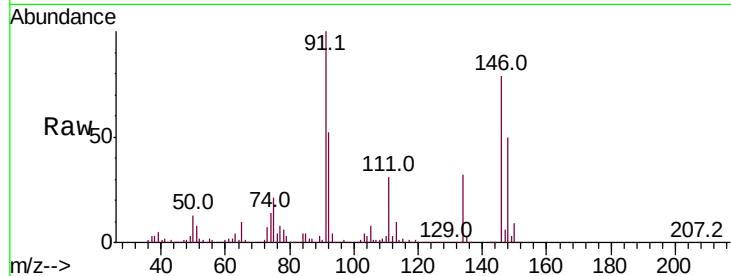




#91
 1,2-Dichlorobenzene
 Concen: 48.909 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

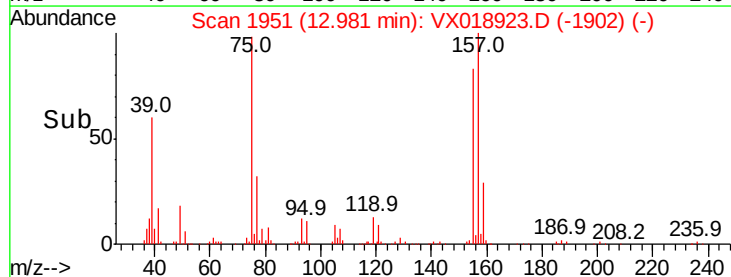
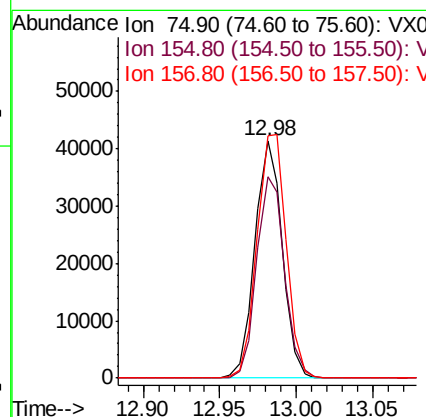
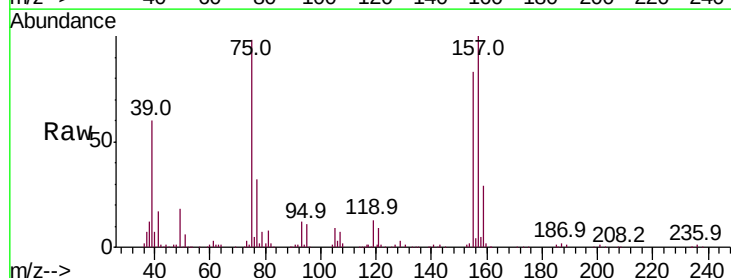
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

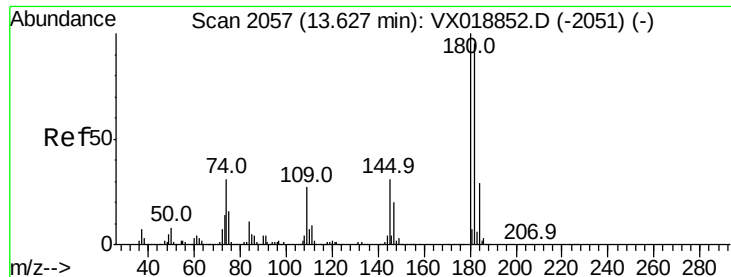
Tot Ion:146 Resp: 302696
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 64.8 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.810 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion: 75 Resp: 51426
 Ion Ratio Lower Upper
 75 100
 155 86.8 38.0 113.9
 157 109.7 50.9 152.7

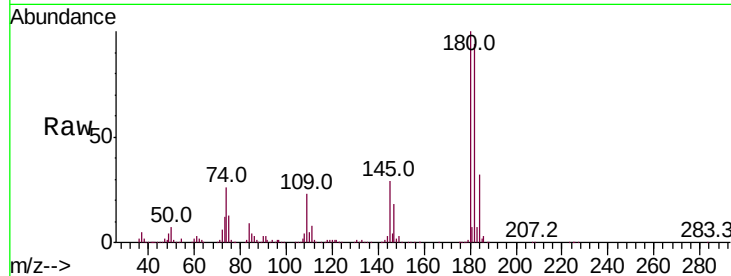




#93
 1,2,4-Trichlorobenzene
 Concen: 54.798 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	49.1	147.3
145	28.5	16.0	48.0

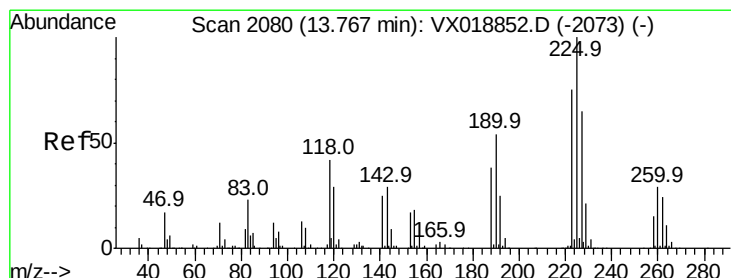
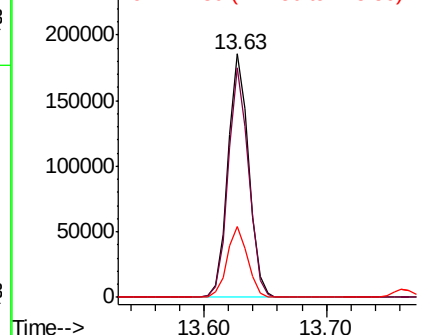
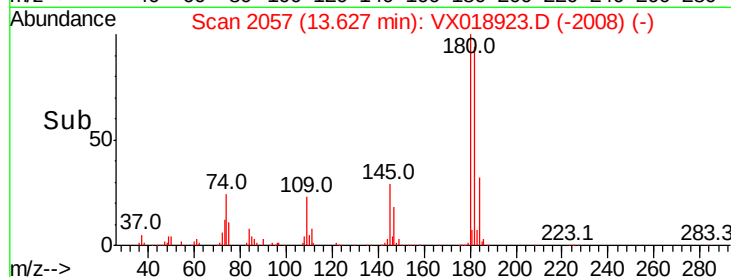


Abundance

Ion 179.80 (179.50 to 180.50): V

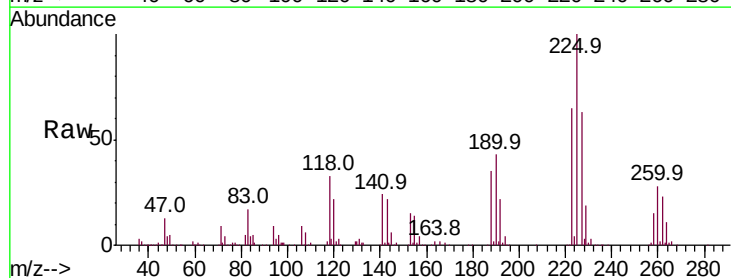
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 56.872 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018923.D
 Acq: 12 Oct 2020 22:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.1	96.3
227	60.4	33.0	98.9

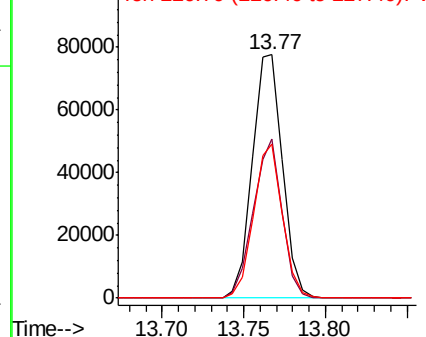
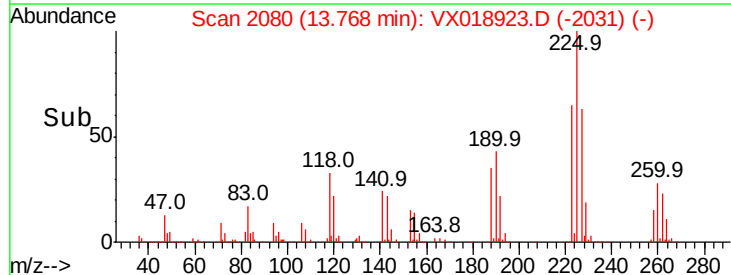


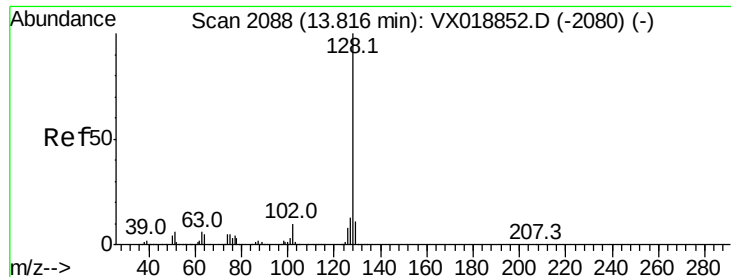
Abundance

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

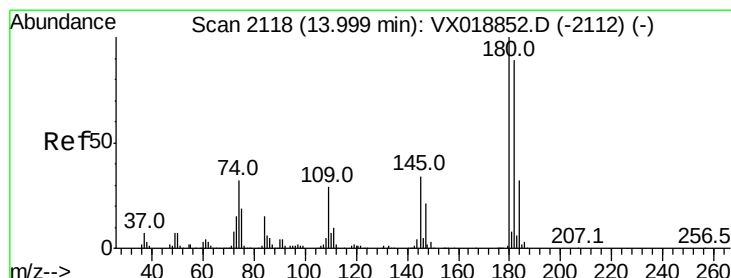
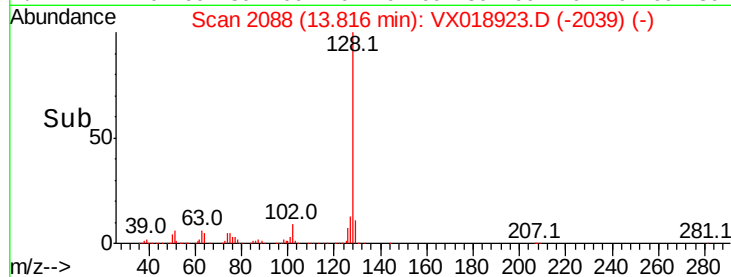
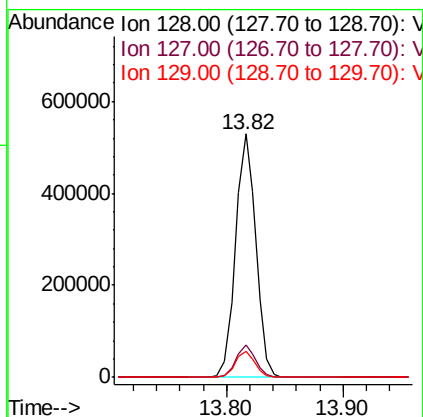
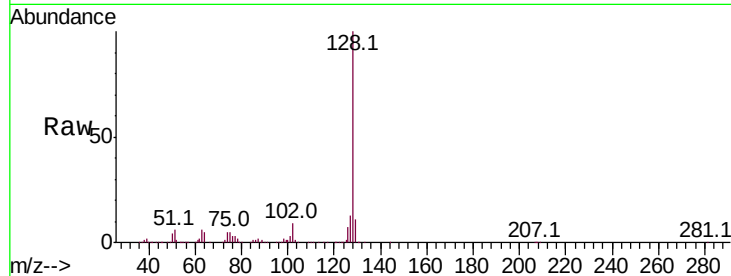




#95
Naphthalene
Concen: 48.602 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 643055
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.835 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018923.D
Acq: 12 Oct 2020 22:48

Tgt Ion:180 Resp: 205247
Ion Ratio Lower Upper
180 100
182 100.7 47.7 143.1
145 33.6 16.7 50.0

