

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
 Data File : VX018925.D
 Acq On : 13 Oct 2020 12:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 14 01:51:52 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	5.62	168	262835	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	353130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174353	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	5.46	113	130410	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	8.70	98	473258	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	11.12	95	180533	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	151007	48.632	ug/l	99
3) Chloromethane	1.31	50	135868	55.153	ug/l	100
4) Vinyl Chloride	1.39	62	149185	54.176	ug/l	98
5) Bromomethane	1.62	94	85436	55.706	ug/l	97
6) Chloroethane	1.71	64	90521	49.081	ug/l	98
7) Trichlorofluoromethane	1.92	101	245648	45.256	ug/l	95
8) Diethyl Ether	2.17	74	74042	48.970	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124290	47.678	ug/l	98
10) Methyl Iodide	2.49	142	107476	40.099	ug/l	95
11) Tert butyl alcohol	3.01	59	148022	242.440	ug/l	97
12) 1,1-Dichloroethene	2.36	96	120149	49.540	ug/l	97
13) Acrolein	2.27	56	117908	232.108	ug/l	97
14) Allyl chloride	2.70	41	226132	51.382	ug/l	94
15) Acrylonitrile	3.11	53	342738	264.687	ug/l	99
16) Acetone	2.42	43	360575	246.348	ug/l	98
17) Carbon Disulfide	2.55	76	345062	48.479	ug/l	99
18) Methyl Acetate	2.75	43	172801	53.624	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	395620	48.610	ug/l	98
20) Methylene Chloride	2.83	84	142004	51.343	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	136688	48.550	ug/l	95
22) Diisopropyl ether	3.82	45	410564	52.125	ug/l	98
23) Vinyl Acetate	3.78	43	1986232	262.201	ug/l	98
24) 1,1-Dichloroethane	3.67	63	249701	47.152	ug/l	98
25) 2-Butanone	4.63	43	504471	240.260	ug/l	99
26) 2,2-Dichloropropane	4.54	77	230227	45.058	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	145187	46.437	ug/l	98
28) Bromochloromethane	4.98	49	109120	46.756	ug/l	95
29) Tetrahydrofuran	5.09	42	290148	257.559	ug/l	96
30) Chloroform	5.17	83	267499	45.847	ug/l	100
31) Cyclohexane	5.55	56	182101	50.294	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	247537	44.644	ug/l	99
36) 1,1-Dichloropropene	5.76	75	190611	51.339	ug/l	98
37) Ethyl Acetate	4.79	43	199503	55.643	ug/l	99
38) Carbon Tetrachloride	5.75	117	232755	50.578	ug/l	96

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 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)
39) Methylcyclohexane	7.44	83	177611	51.894	ug/l	99
40) Benzene	6.11	78	528894	53.022	ug/l	98
41) Methacrylonitrile	5.00	41	106029	50.977	ug/l	99
42) 1,2-Dichloroethane	6.16	62	226647	48.465	ug/l	100
43) Isopropyl Acetate	6.41	43	310227	52.063	ug/l	99
44) Trichloroethene	7.18	130	148906	49.778	ug/l	94
45) 1,2-Dichloropropane	7.49	63	142542	54.006	ug/l	99
46) Dibromomethane	7.63	93	95161	48.788	ug/l	95
47) Bromodichloromethane	7.87	83	218889	51.787	ug/l	97
48) Methyl methacrylate	7.74	41	162521	53.753	ug/l	97
49) 1,4-Dioxane	7.71	88	50883	1200.228	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	940715	270.491	ug/l	99
52) Toluene	8.76	92	350937	54.822	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	233368	53.322	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	245447	54.518	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	145484	52.911	ug/l	97
56) Ethyl methacrylate	9.16	69	207641	51.630	ug/l	98
57) 1,3-Dichloropropane	9.35	76	231697	51.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	585538	294.333	ug/l	97
59) 2-Hexanone	9.47	43	713800	269.391	ug/l	99
60) Dibromochloromethane	9.56	129	176023	50.998	ug/l	97
61) 1,2-Dibromoethane	9.65	107	152123	51.591	ug/l	99
64) Tetrachloroethene	9.32	164	137512	52.777	ug/l	96
65) Chlorobenzene	10.12	112	392058	50.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155586	48.845	ug/l	99
67) Ethyl Benzene	10.24	91	666078	51.138	ug/l	98
68) m/p-Xylenes	10.34	106	511704	103.403	ug/l	95
69) o-Xylene	10.68	106	243874	52.306	ug/l	99
70) Styrene	10.70	104	440203	55.769	ug/l	98
71) Bromoform	10.84	173	140956	51.162	ug/l #	97
73) Isopropylbenzene	11.00	105	666870	50.016	ug/l	100
74) N-amyl acetate	10.88	43	295240	55.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	212514	47.821	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	267649	60.944	ug/l	85
77) Bromobenzene	11.24	156	188472	51.459	ug/l	96
78) n-propylbenzene	11.34	91	809366	53.273	ug/l	98
79) 2-Chlorotoluene	11.40	91	485689	51.285	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	596882	52.336	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	74780	48.255	ug/l	92
82) 4-Chlorotoluene	11.49	91	583776	51.841	ug/l	99
83) tert-Butylbenzene	11.76	119	565067	49.475	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	616633	53.187	ug/l	98
85) sec-Butylbenzene	11.93	105	679524	52.812	ug/l	100
86) p-Isopropyltoluene	12.05	119	654459	53.614	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329743	49.022	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	337288	49.504	ug/l	98
89) n-Butylbenzene	12.37	91	565276	53.297	ug/l	100
90) Hexachloroethane	12.58	117	107374	47.315	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	322726	50.404	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51831	45.604	ug/l	94

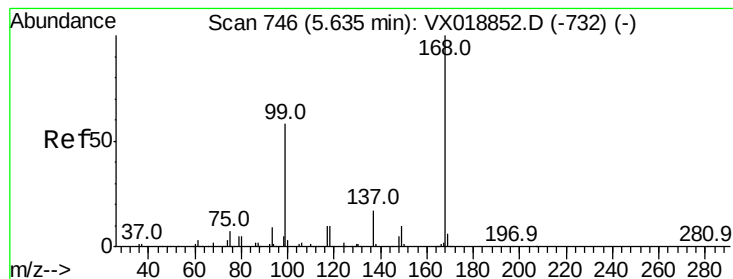
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218576	53.212	ug/l	93
94) Hexachlorobutadiene	13.77	225	110918	60.794	ug/l	92
95) Naphthalene	13.82	128	609101	44.759	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	206783	51.453	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

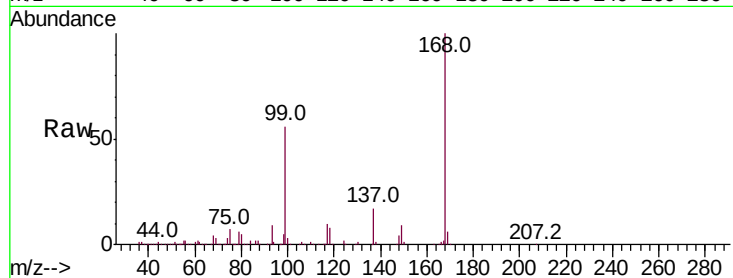
VSTDCCC050

Tot Ion:168 Resp: 262835

Ion Ratio Lower Upper

168 100

99 55.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

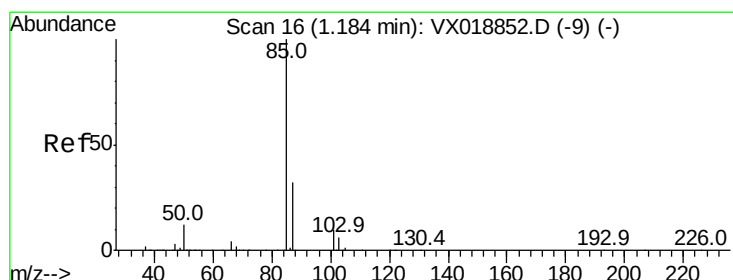
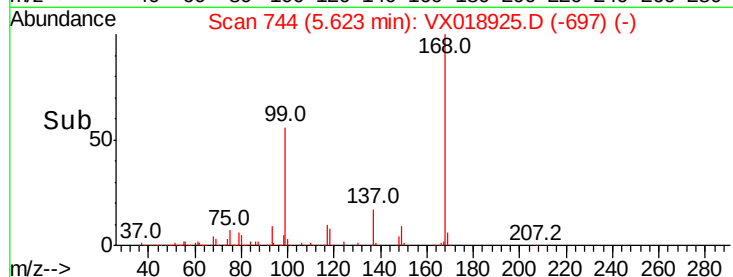
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.632 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018925.D

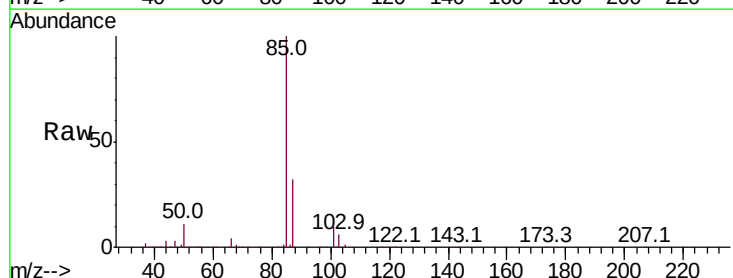
Acq: 13 Oct 2020 12:02

Tgt Ion: 85 Resp: 151007

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

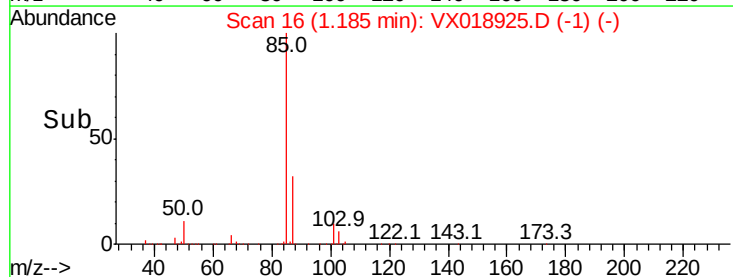
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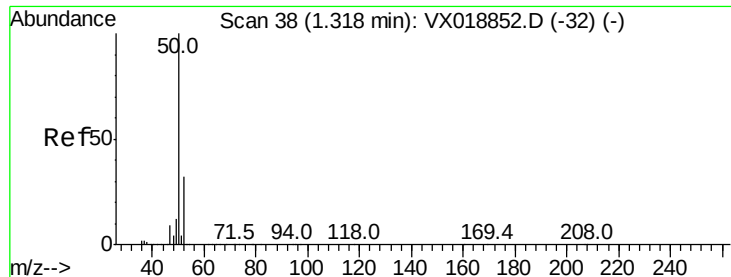
50000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 55.153 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

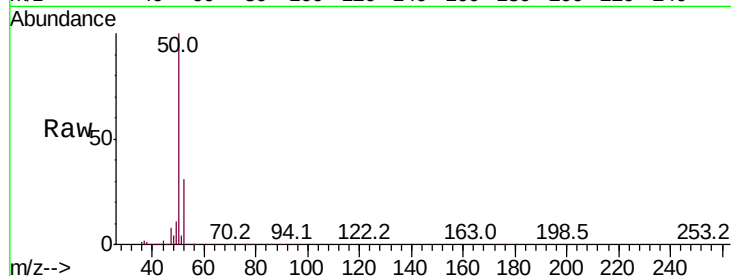
VSTDCCC050

Tot Ion: 50 Resp: 135868

Ion Ratio Lower Upper

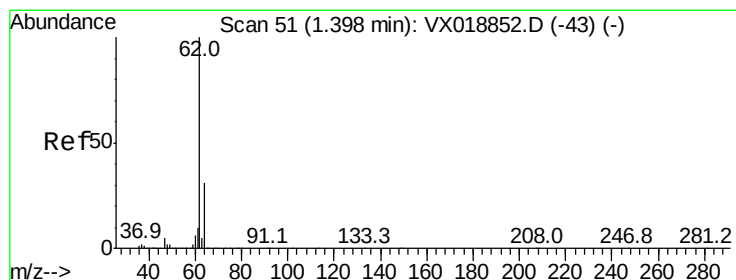
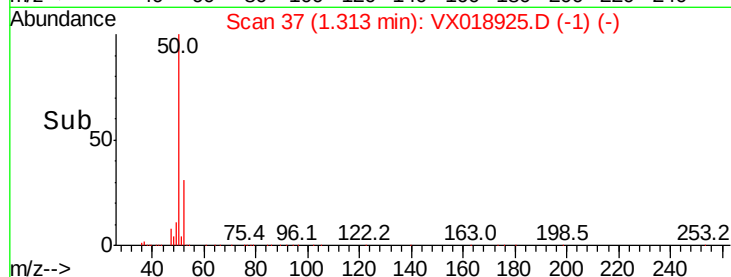
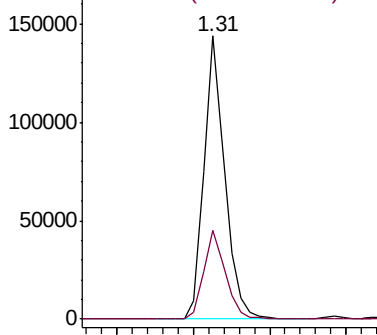
50 100

52 31.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.176 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018925.D

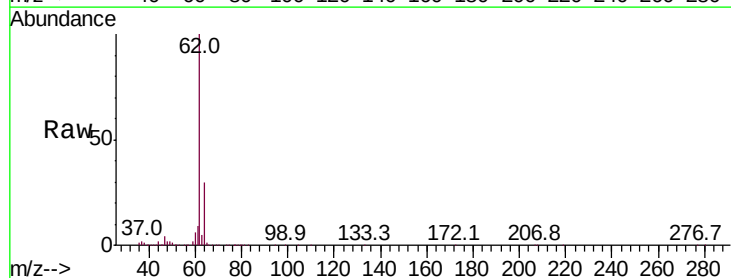
Acq: 13 Oct 2020 12:02

Tgt Ion: 62 Resp: 149185

Ion Ratio Lower Upper

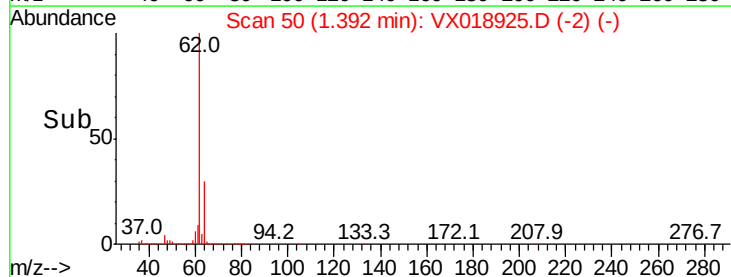
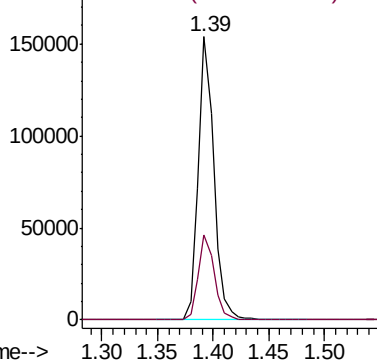
62 100

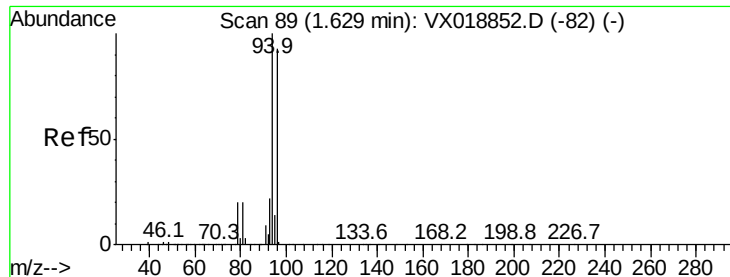
64 30.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.706 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

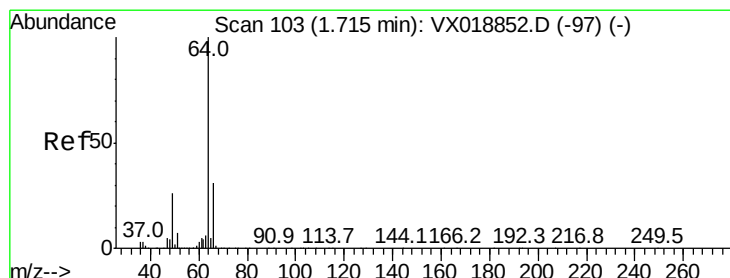
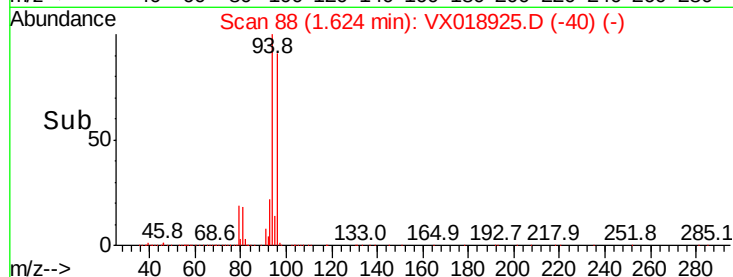
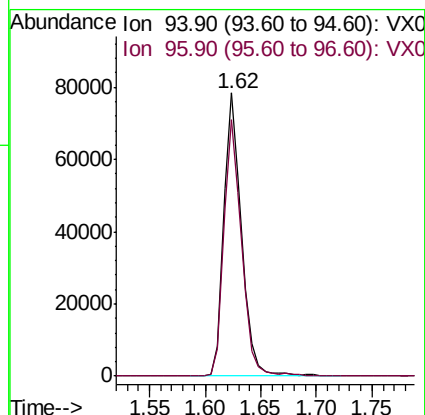
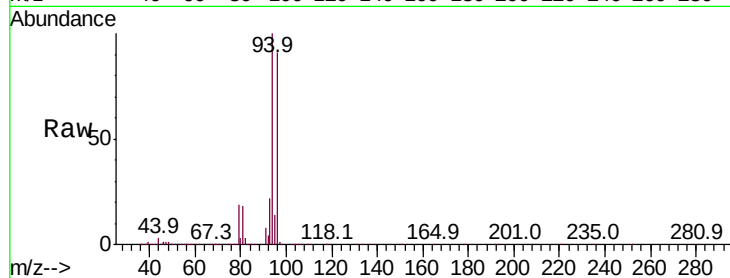
VSTDCCC050

Tot Ion: 94 Resp: 85436

Ion Ratio Lower Upper

94 100

96 90.7 74.5 111.7



#6

Chloroethane

Concen: 49.081 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018925.D

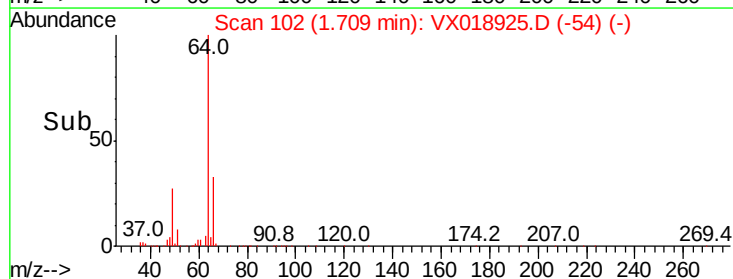
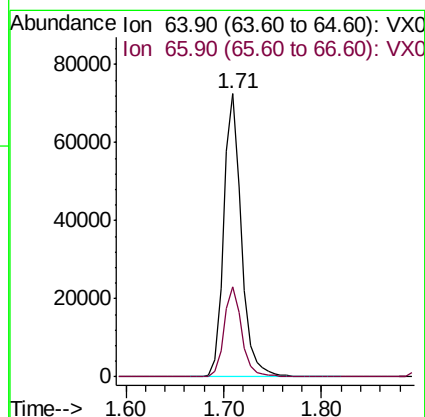
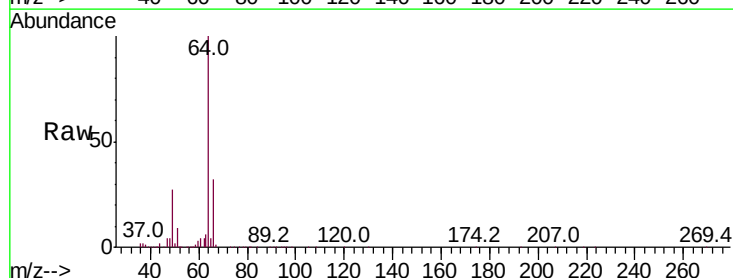
Acq: 13 Oct 2020 12:02

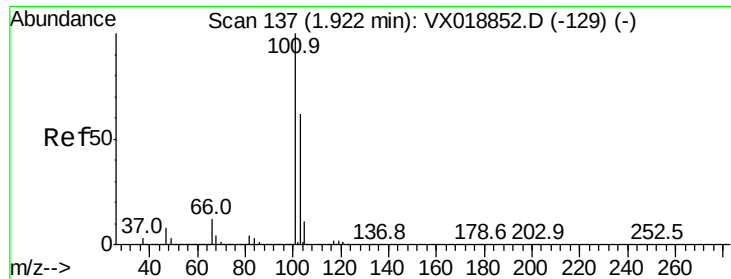
Tgt Ion: 64 Resp: 90521

Ion Ratio Lower Upper

64 100

66 31.9 24.7 37.1



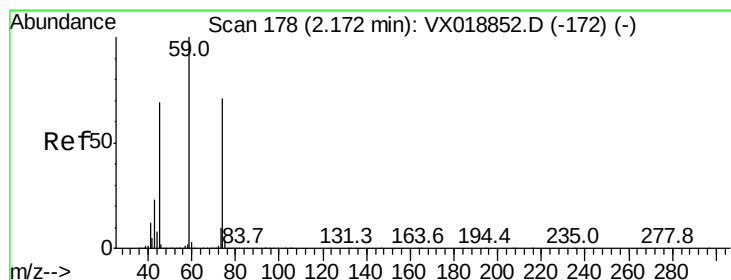
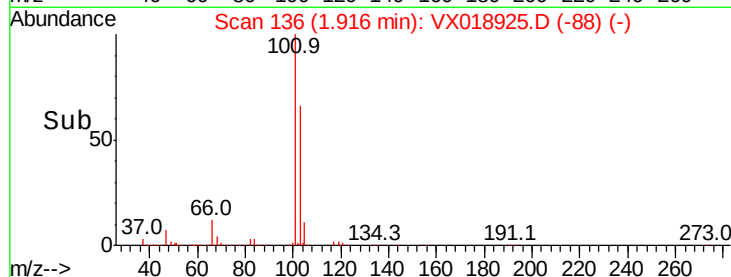
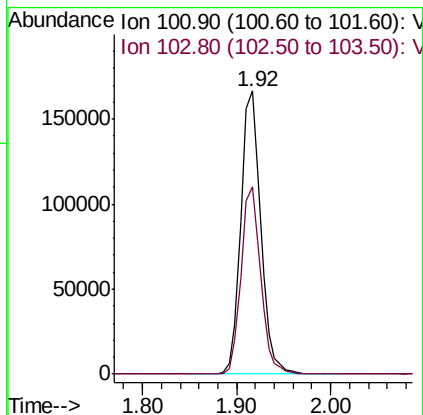
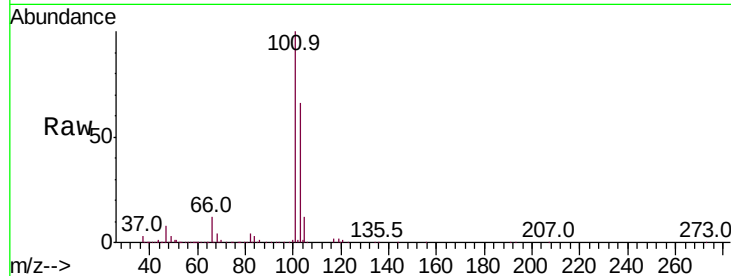


#7

Trichlorofluoromethane
 Concen: 45.256 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

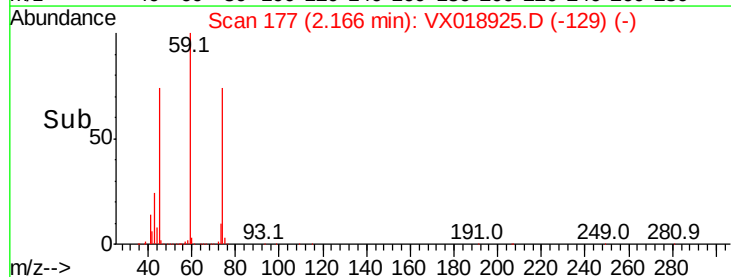
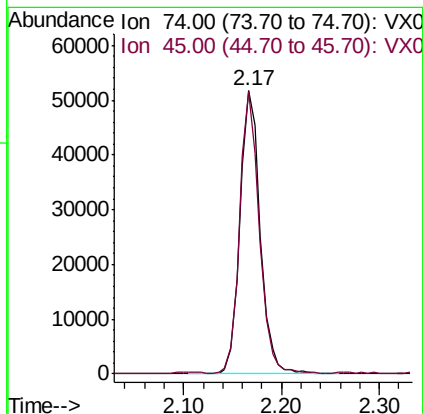
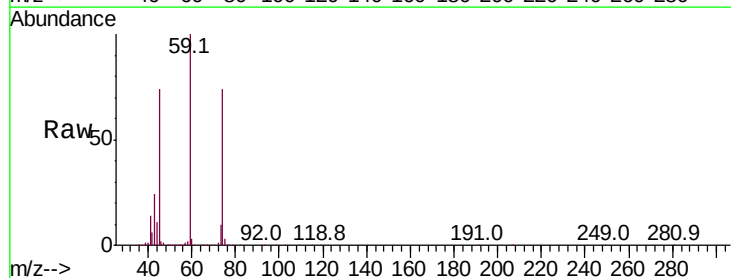
Tot Ion:101 Resp: 245648
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.0 75.0

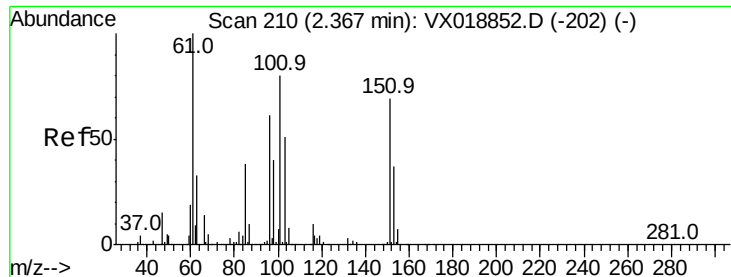


#8

Diethyl Ether
 Concen: 48.970 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion: 74 Resp: 74042
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.678 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

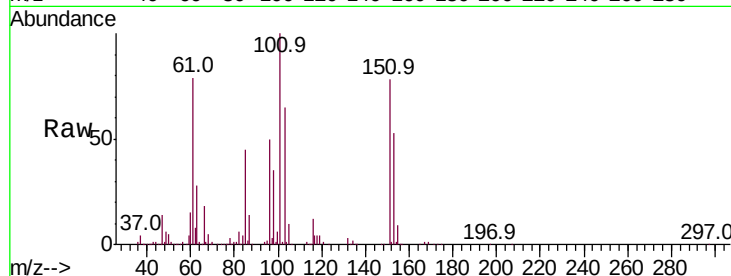
Tot Ion:101 Resp: 124290

Ion Ratio Lower Upper

101 100

85 44.6 36.6 55.0

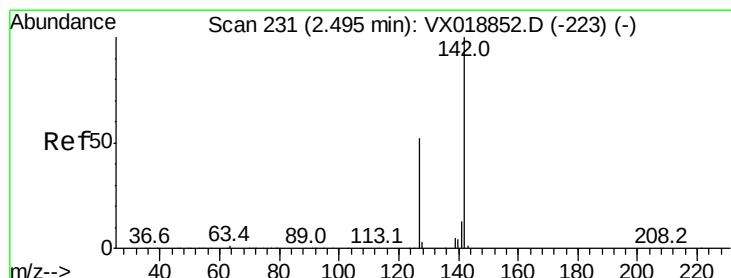
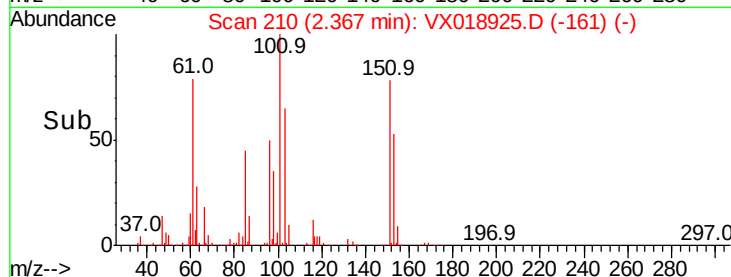
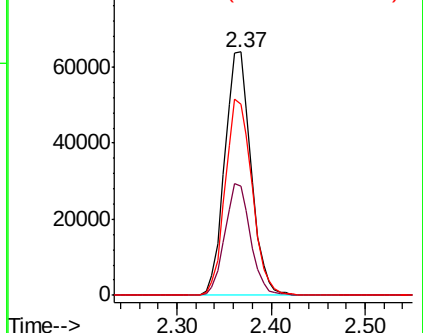
151 82.1 67.2 100.8



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: 40.099 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

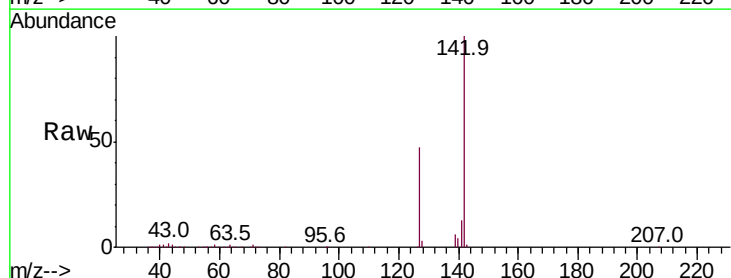
Tgt Ion:142 Resp: 107476

Ion Ratio Lower Upper

142 100

127 47.7 42.0 63.0

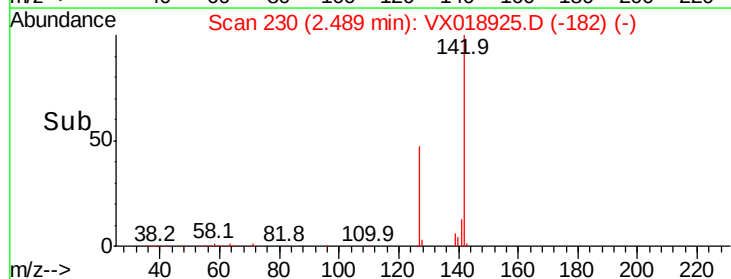
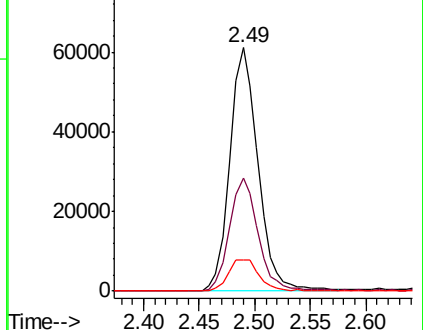
141 14.3 11.8 17.6

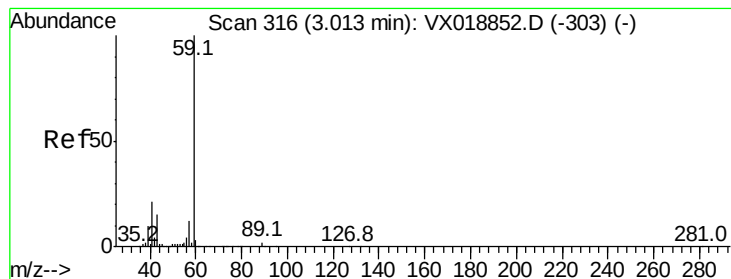


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



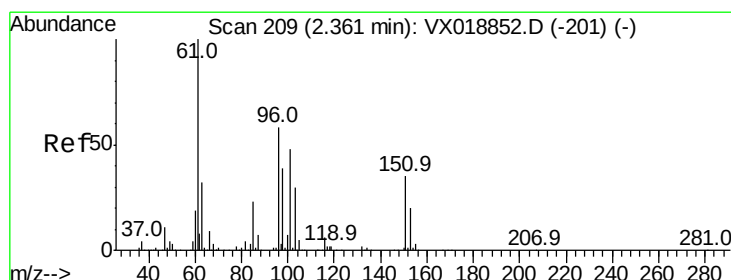
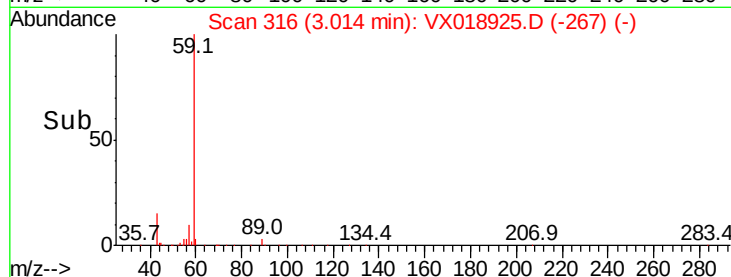
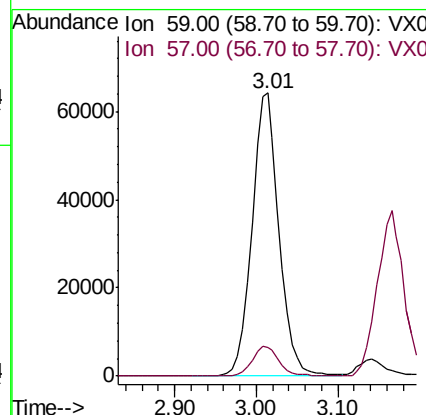
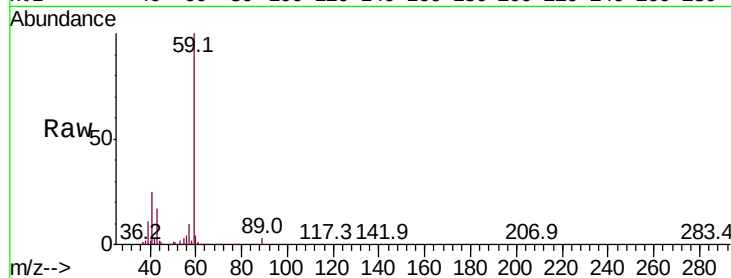


#11

Tert butyl alcohol
 Concen: 242.440 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

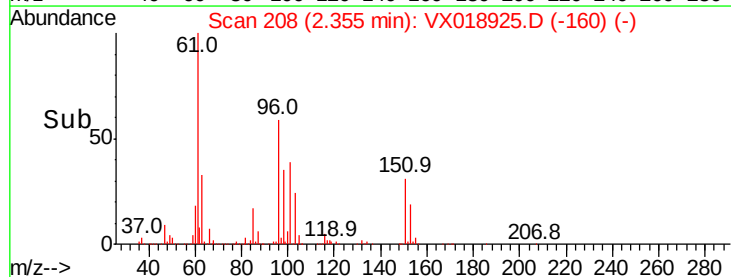
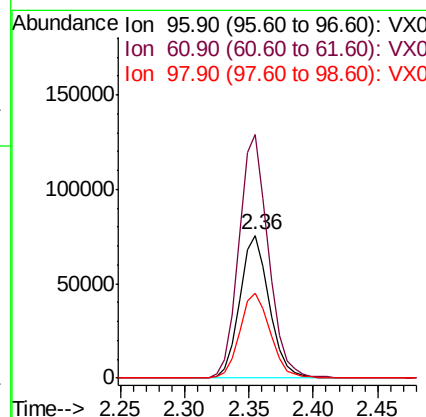
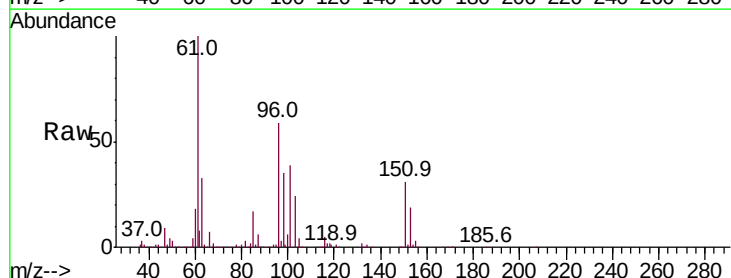
Tot Ion: 59 Resp: 148022
 Ion Ratio Lower Upper
 59 100
 57 10.2 9.0 13.6

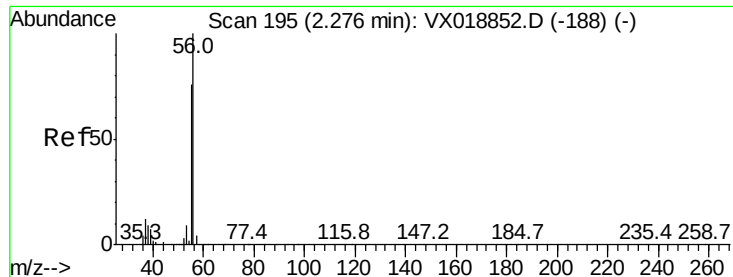


#12

1,1-Dichloroethene
 Concen: 49.540 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion: 96 Resp: 120149
 Ion Ratio Lower Upper
 96 100
 61 170.5 137.0 205.6
 98 59.1 53.9 80.9





#13

Acrolein

Concen: 232.108 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

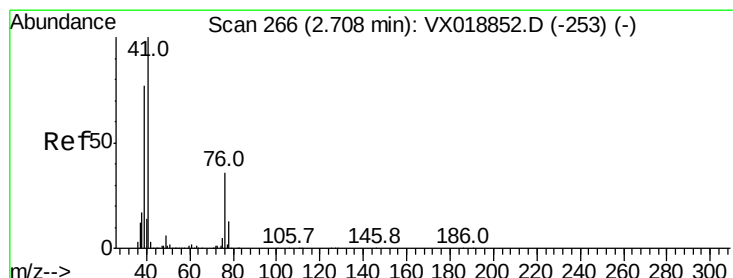
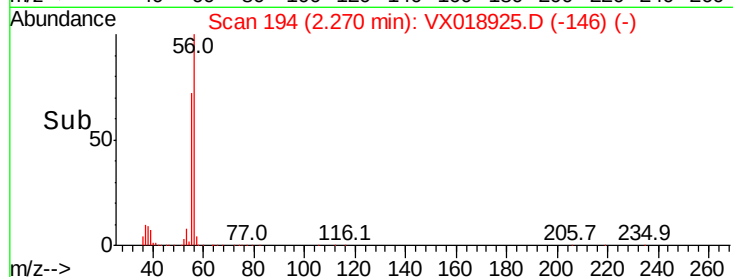
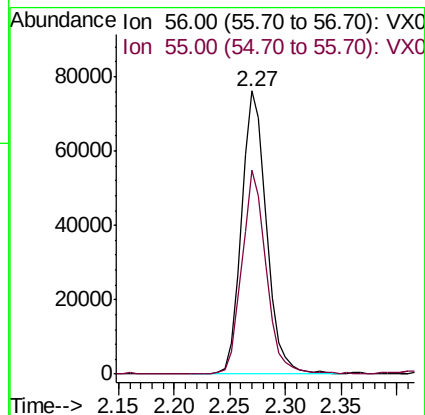
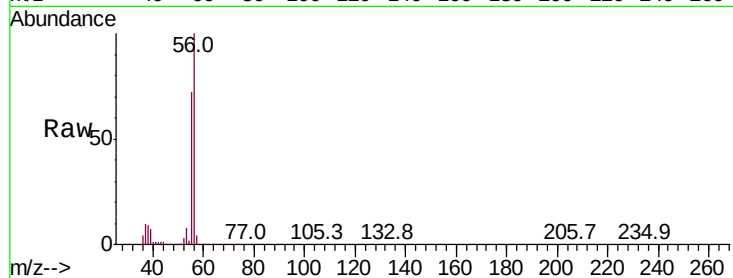
VSTDCCC050

Tot Ion: 56 Resp: 117908

Ion Ratio Lower Upper

56 100

55 71.0 58.6 87.8



#14

Allyl chloride

Concen: 51.382 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

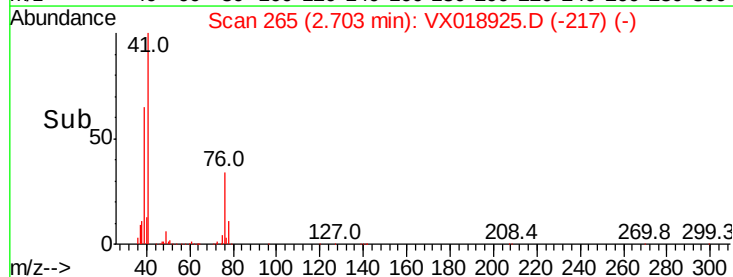
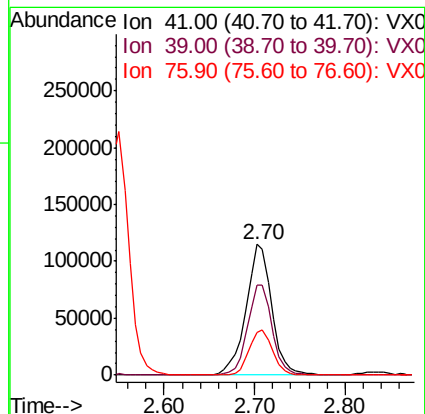
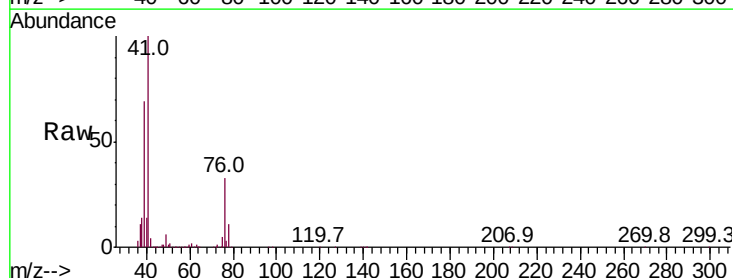
Tgt Ion: 41 Resp: 226132

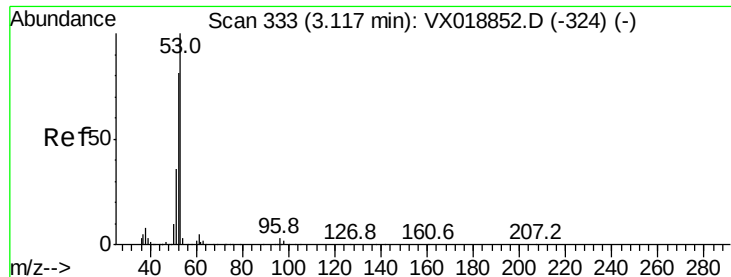
Ion Ratio Lower Upper

41 100

39 65.9 57.8 86.8

76 31.3 26.8 40.2



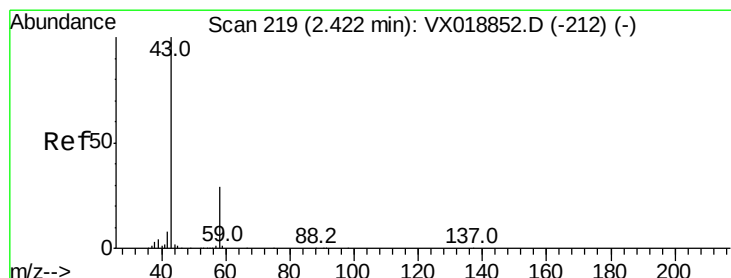
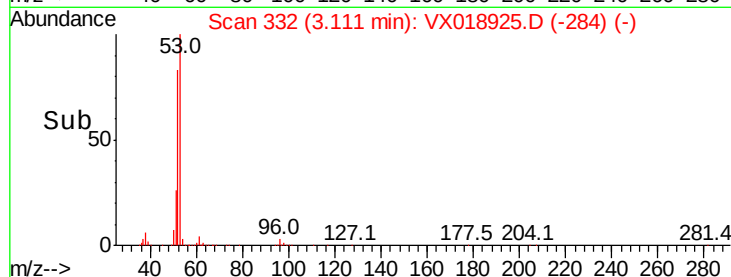
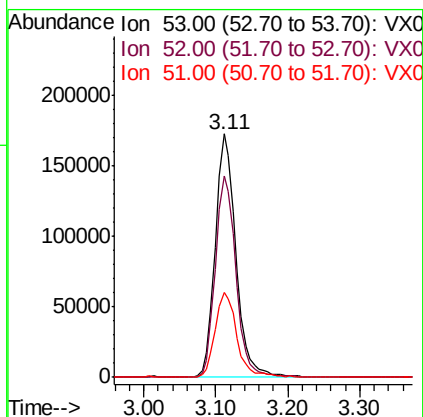
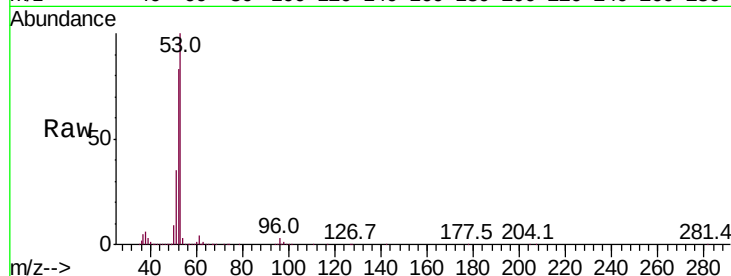


#15
 Acrylonitrile
 Concen: 264.687 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 342738

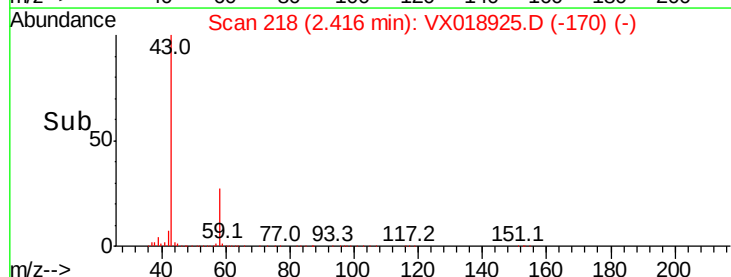
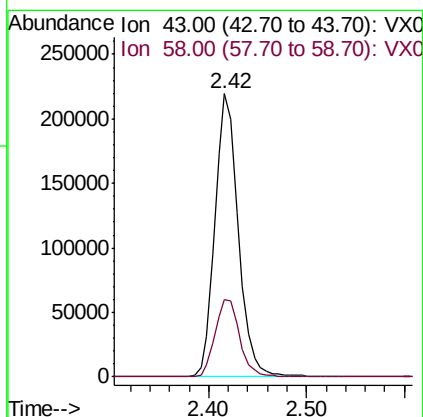
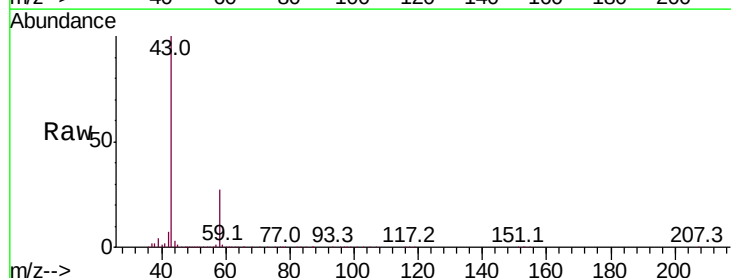
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	36.6	30.3	45.5

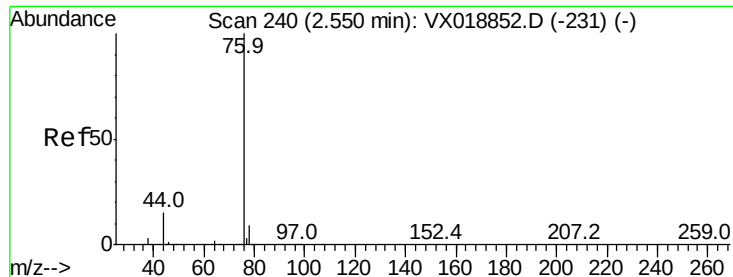


#16
 Acetone
 Concen: 246.348 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion: 43 Resp: 360575

Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.0	34.4





#17

Carbon Disulfide

Concen: 48.479 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

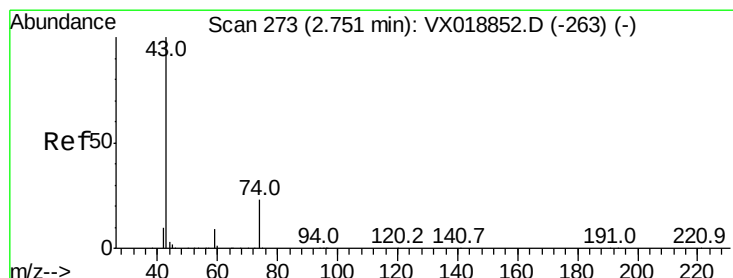
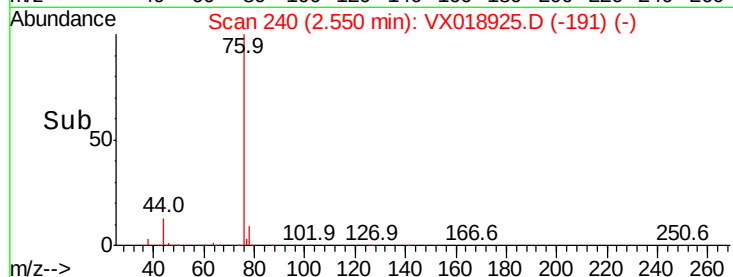
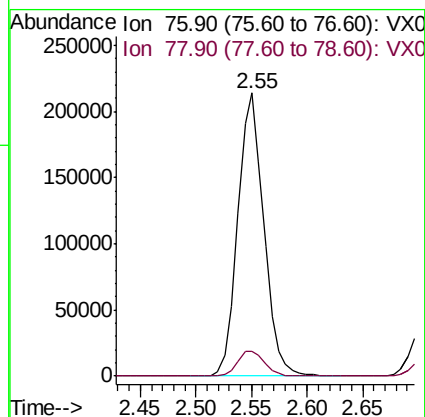
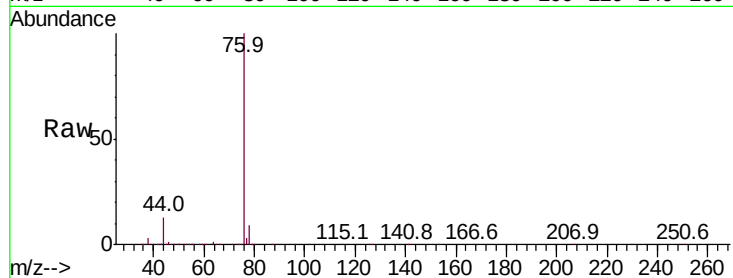
VSTDCCC050

Tot Ion: 76 Resp: 345062

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#18

Methyl Acetate

Concen: 53.624 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018925.D

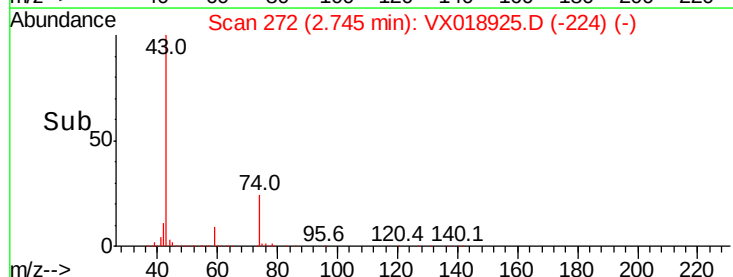
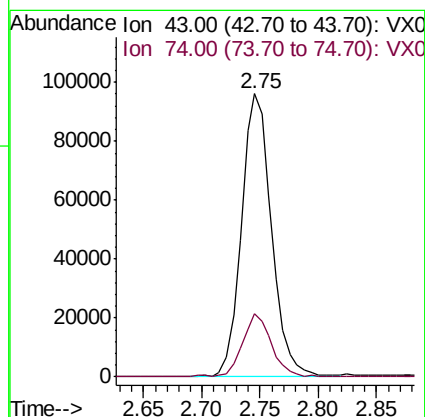
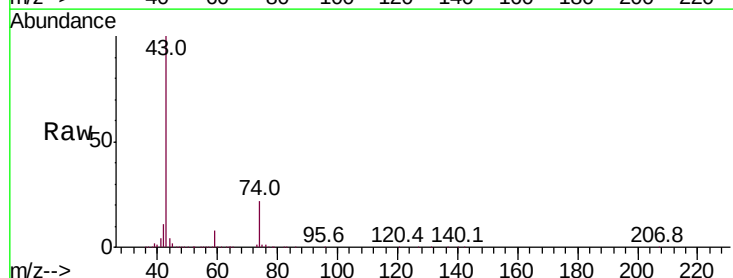
Acq: 13 Oct 2020 12:02

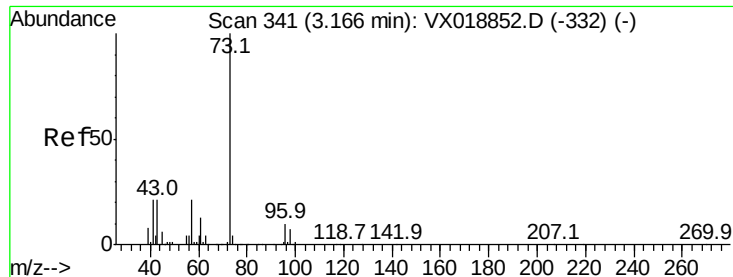
Tgt Ion: 43 Resp: 172801

Ion Ratio Lower Upper

43 100

74 22.0 18.9 28.3

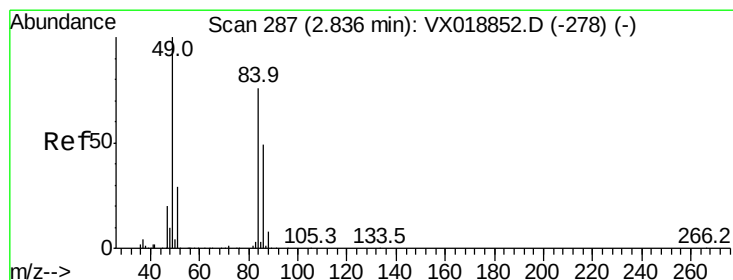
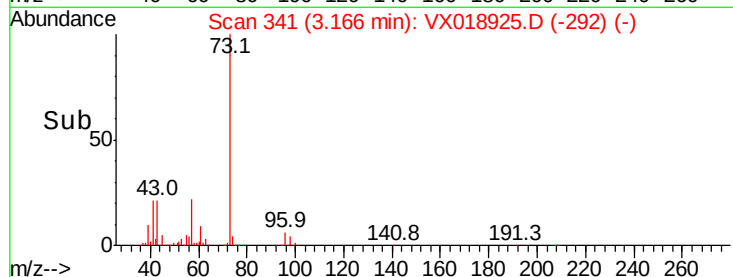
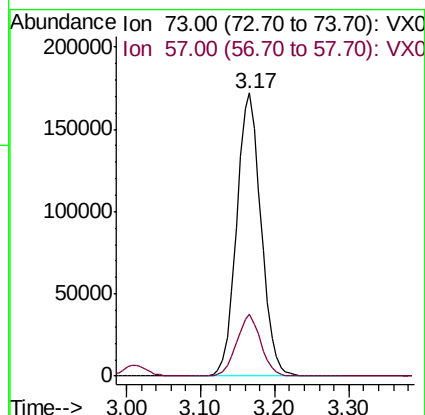
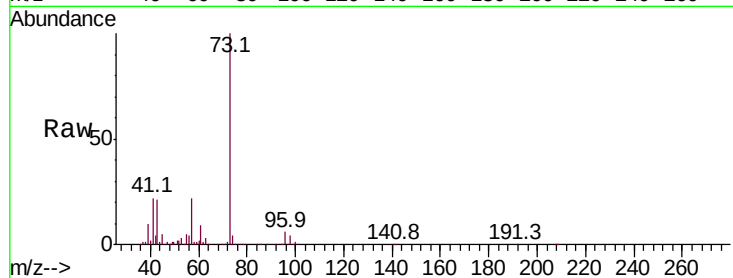




#19
Methyl tert-butyl Ether
Concen: 48.610 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

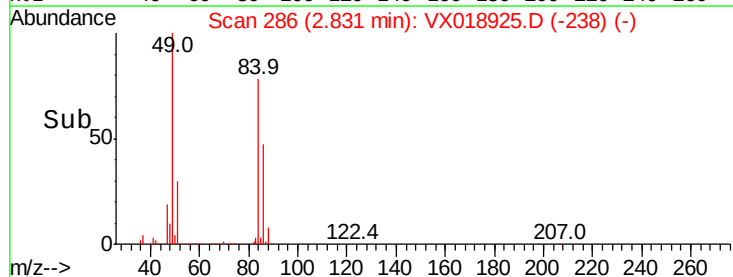
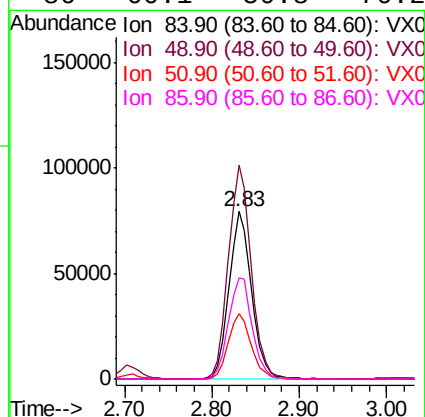
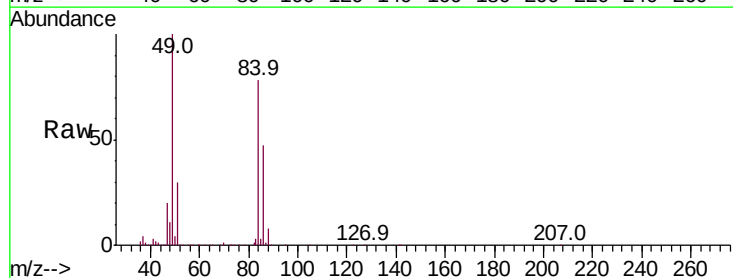
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

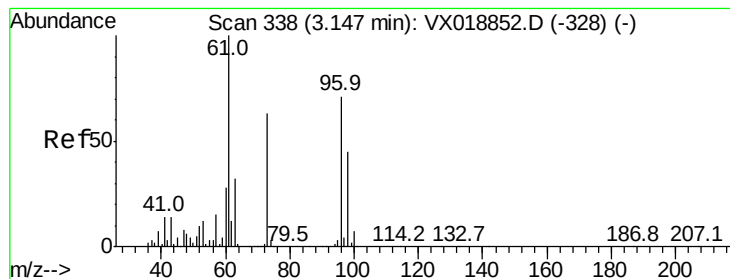
Tot Ion: 73 Resp: 395620
Ion Ratio Lower Upper
73 100
57 21.8 16.7 25.1



#20
Methylene Chloride
Concen: 51.343 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 84 Resp: 142004
Ion Ratio Lower Upper
84 100
49 127.4 104.8 157.2
51 38.5 30.6 46.0
86 60.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.550 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

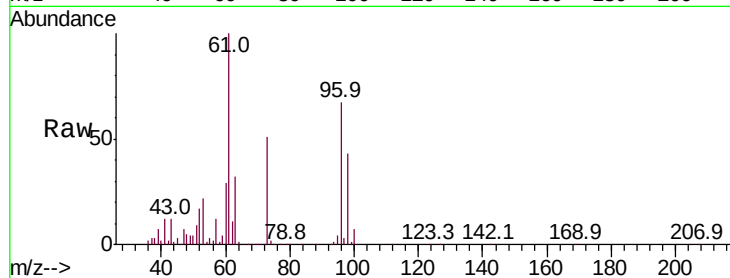
Tot Ion: 96 Resp: 136688

Ion Ratio Lower Upper

96 100

61 148.4 112.0 168.0

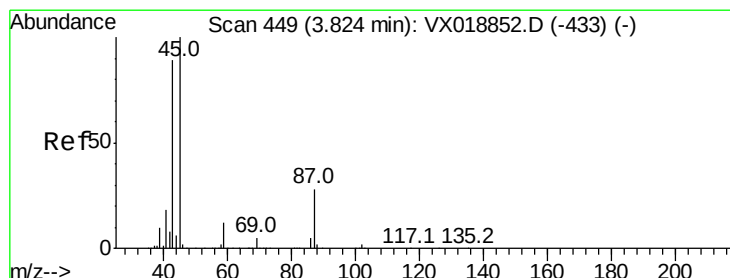
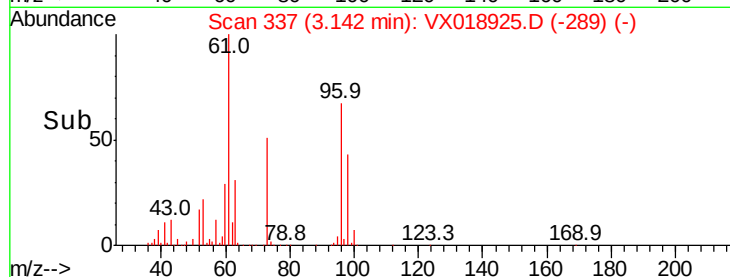
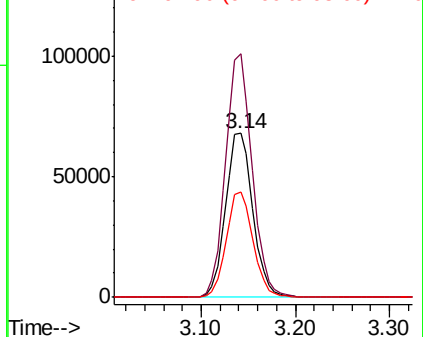
98 64.4 50.2 75.2



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: 52.125 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion: 45 Resp: 410564

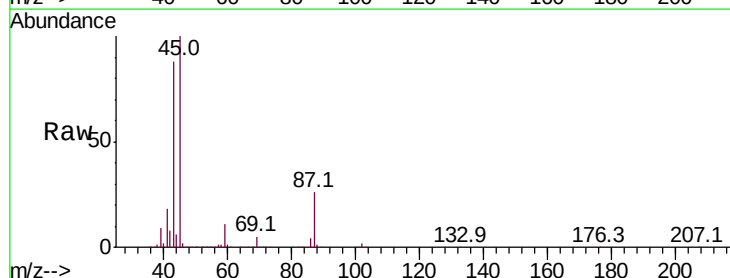
Ion Ratio Lower Upper

45 100

43 88.0 71.2 106.8

87 25.5 22.5 33.7

59 10.9 9.2 13.8

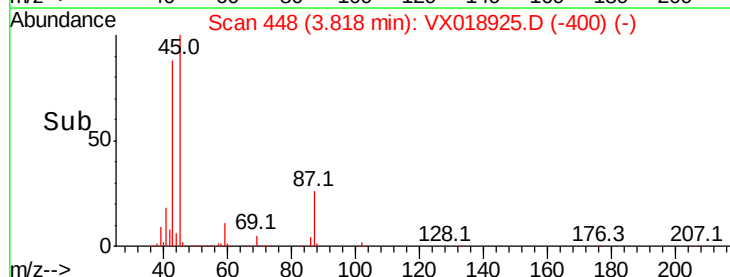
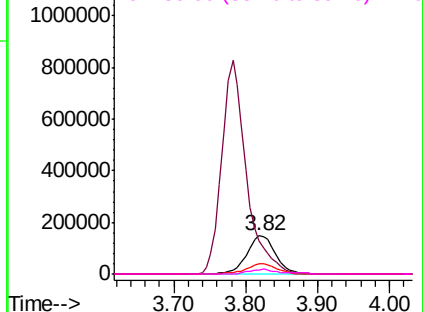


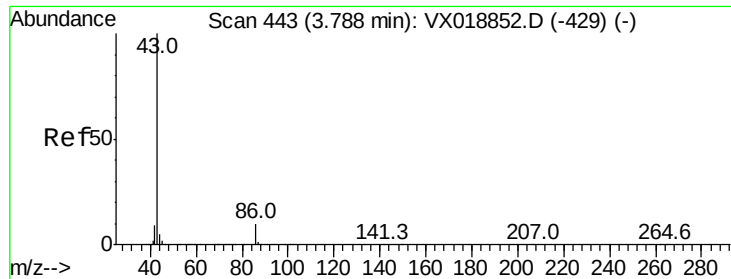
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 262.201 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

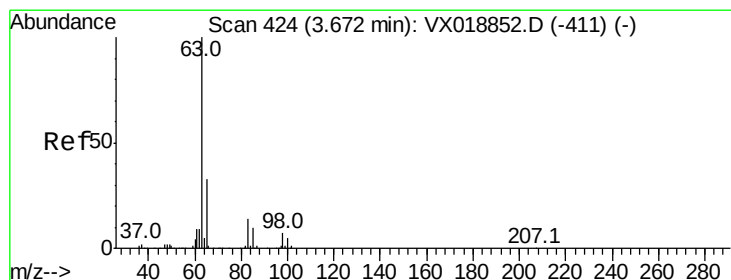
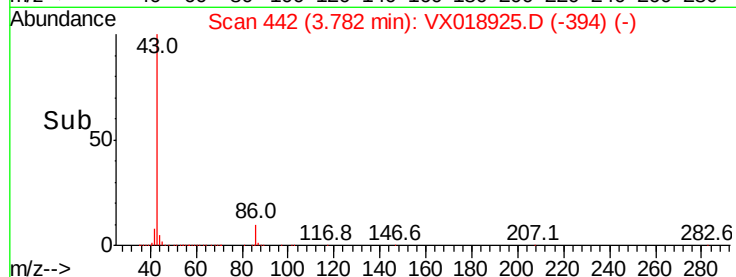
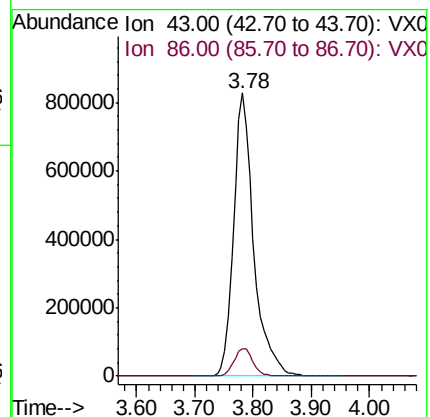
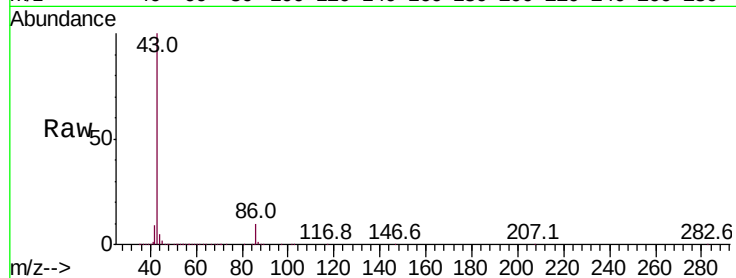
VSTDCCC050

Tot Ion: 43 Resp: 1986232

Ion Ratio Lower Upper

43 100

86 9.8 8.3 12.5



#24

1,1-Dichloroethane

Concen: 47.152 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

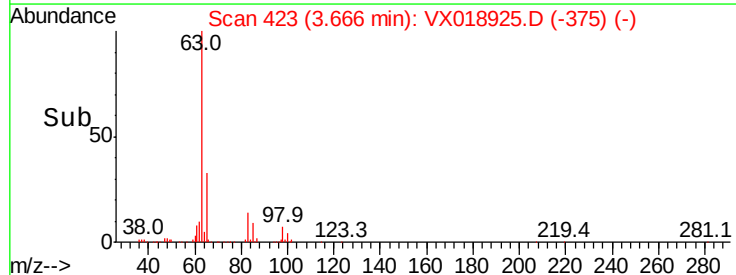
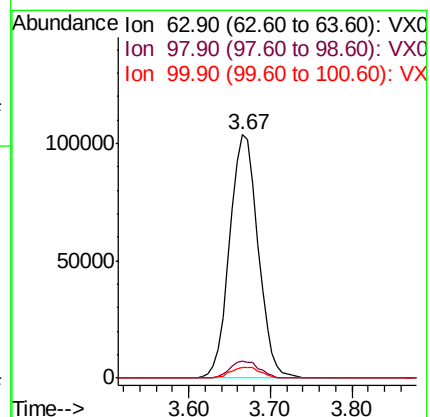
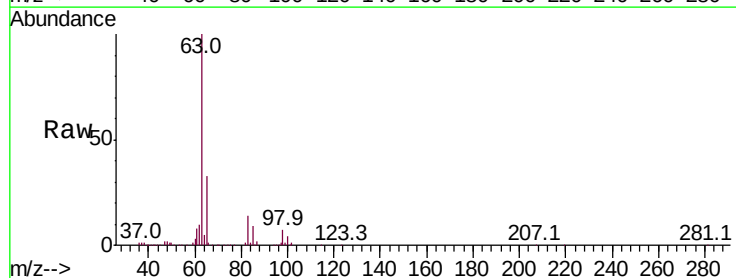
Tgt Ion: 63 Resp: 249701

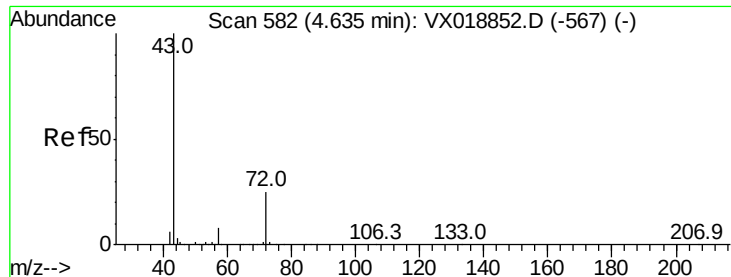
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.3 2.5 7.6





#25

2-Butanone

Concen: 240.260 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

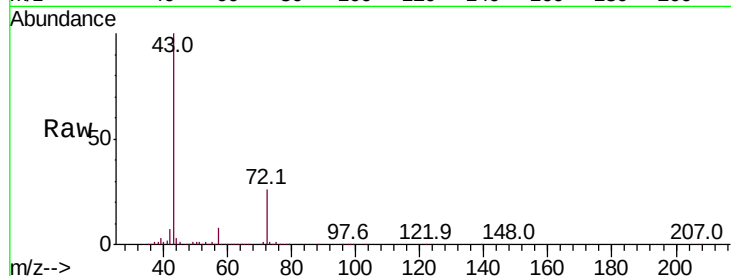
VSTDCCC050

Tot Ion: 43 Resp: 504471

Ion Ratio Lower Upper

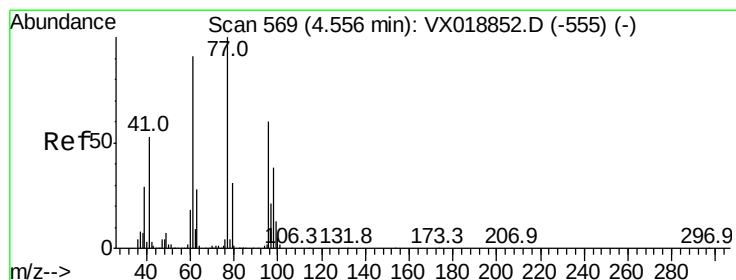
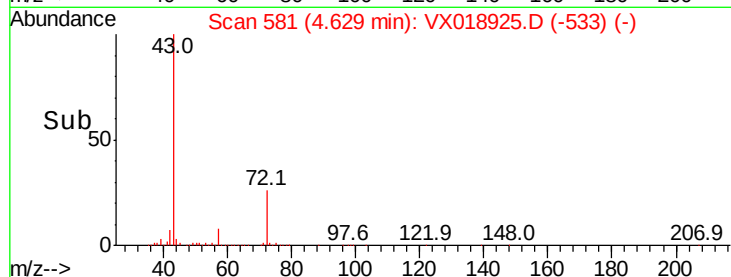
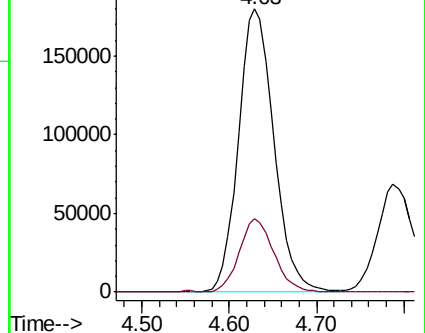
43 100

72 25.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.058 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018925.D

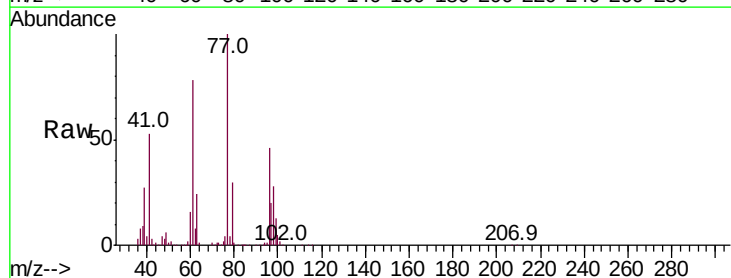
Acq: 13 Oct 2020 12:02

Tgt Ion: 77 Resp: 230227

Ion Ratio Lower Upper

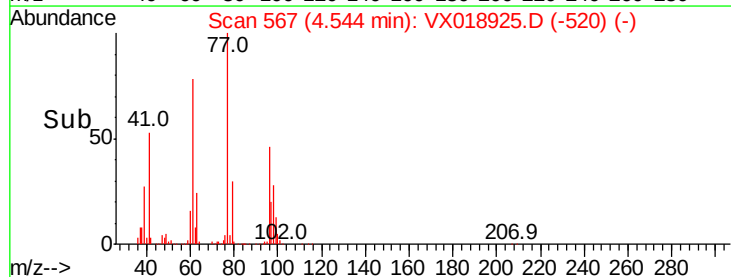
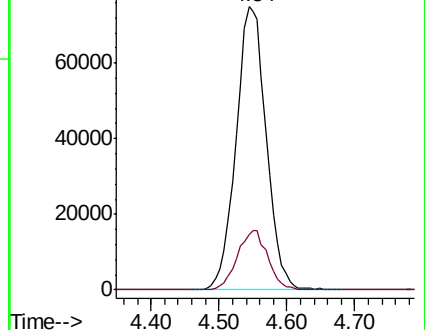
77 100

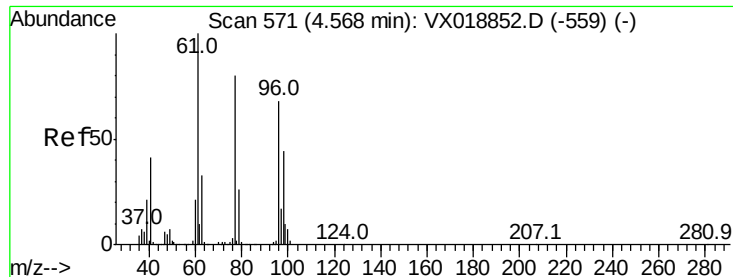
97 21.1 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.437 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

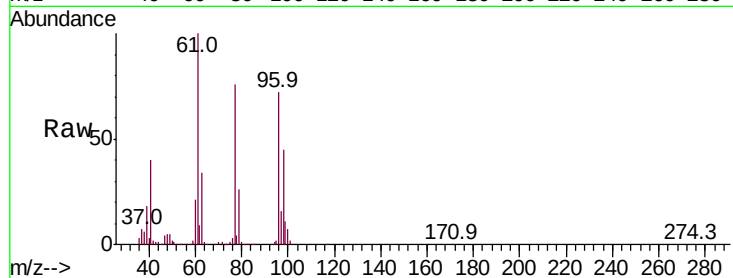
Tot Ion: 96 Resp: 145187

Ion Ratio Lower Upper

96 100

61 150.8 0.0 306.8

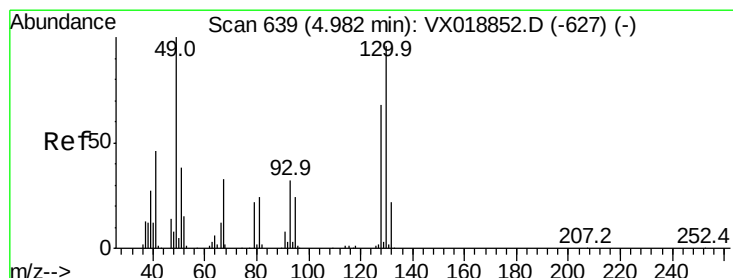
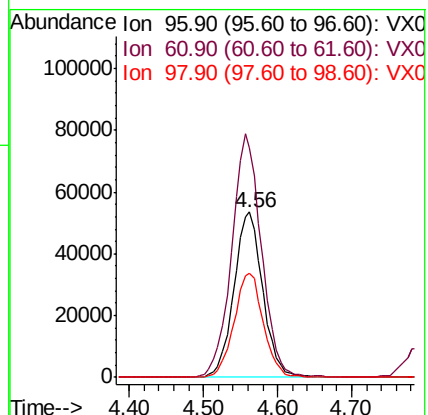
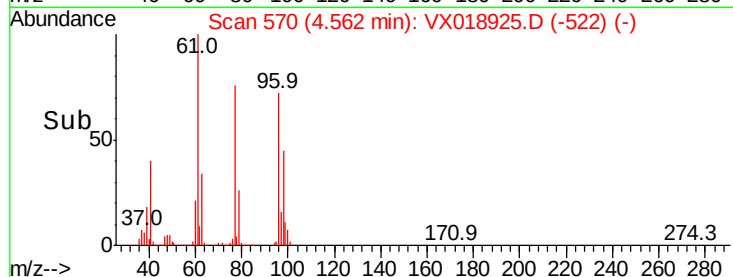
98 63.9 0.0 130.2



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: 46.756 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

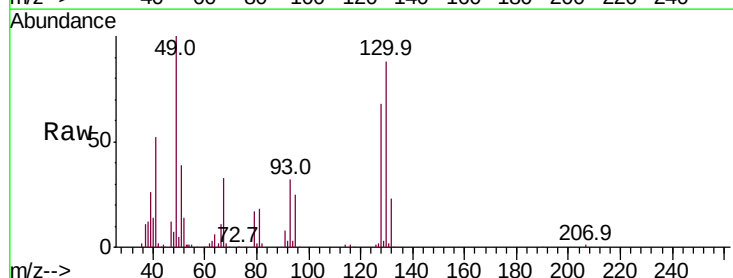
Tgt Ion: 49 Resp: 109120

Ion Ratio Lower Upper

49 100

129 1.2 0.0 5.4

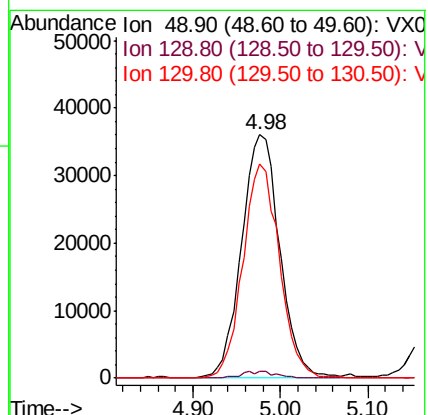
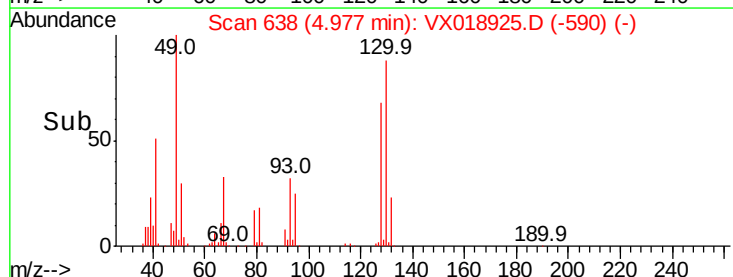
130 84.6 71.2 106.8

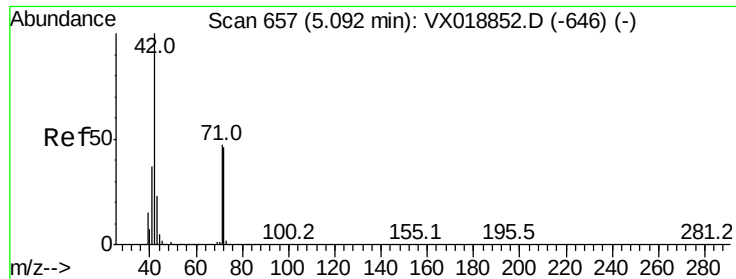


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 257.559 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

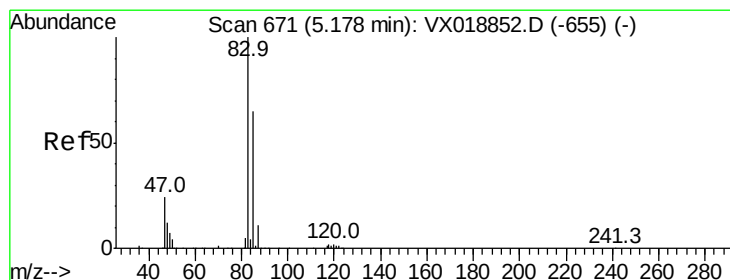
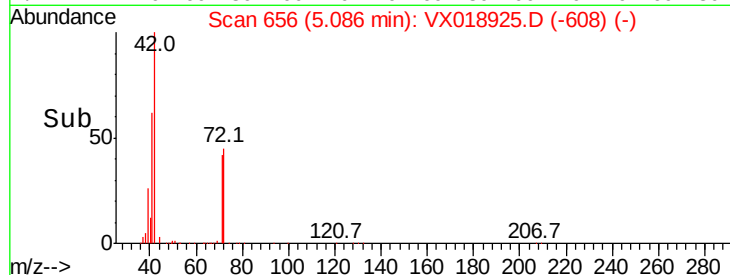
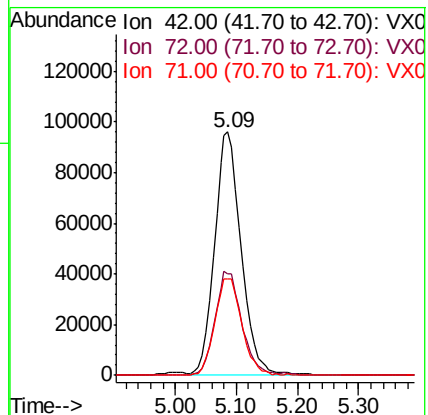
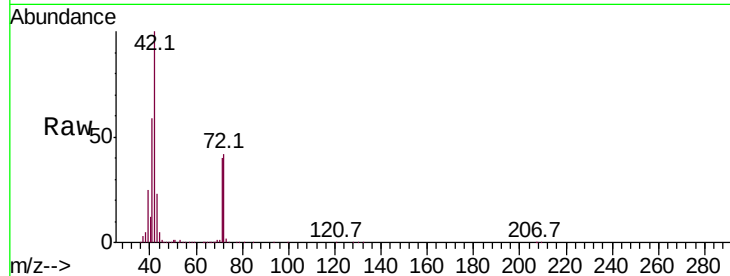
Tot Ion: 42 Resp: 290148

Ion Ratio Lower Upper

42 100

72 43.6 36.4 54.6

71 40.9 35.2 52.8



#30

Chloroform

Concen: 45.847 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018925.D

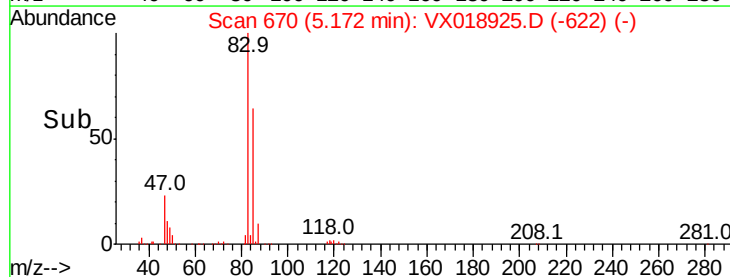
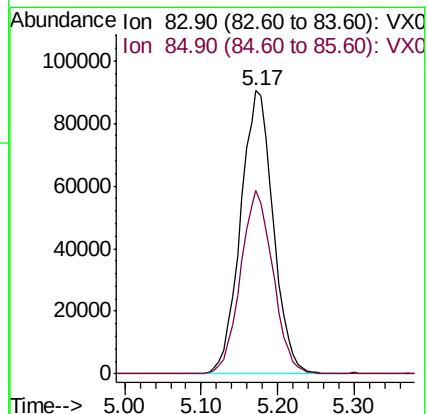
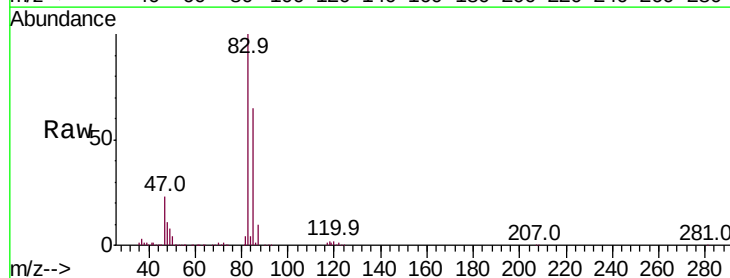
Acq: 13 Oct 2020 12:02

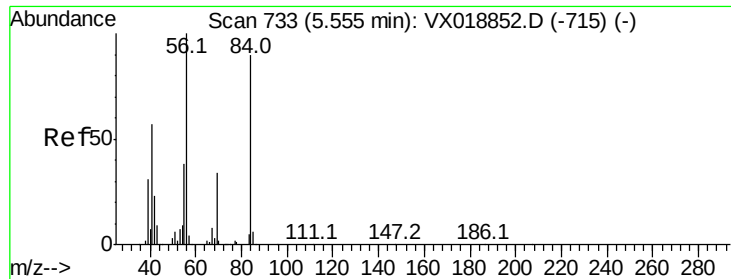
Tgt Ion: 83 Resp: 267499

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.8

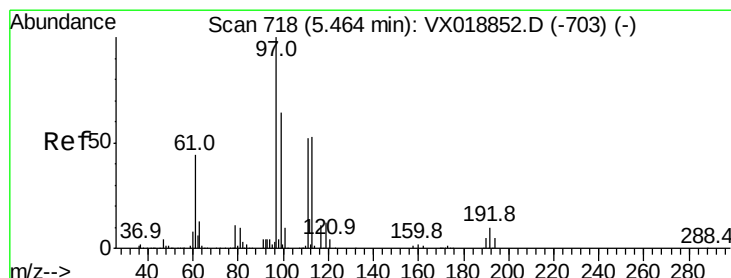
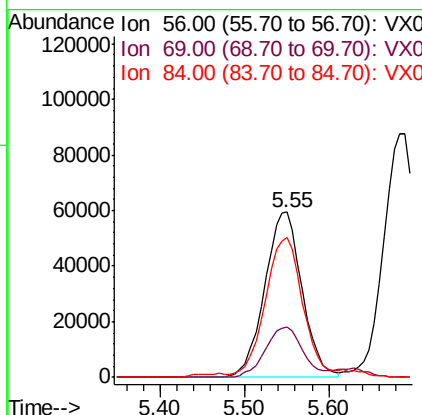
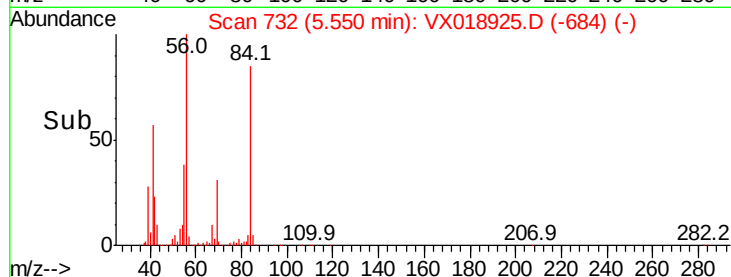
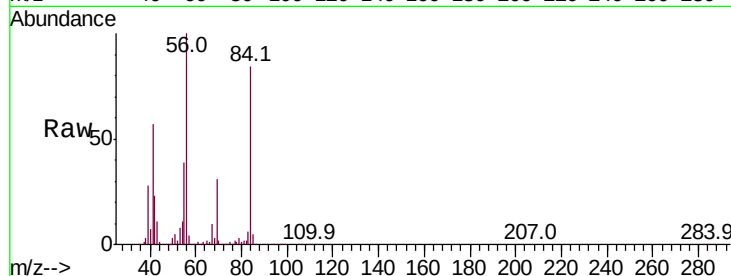




#31
Cyclohexane
Concen: 50.294 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

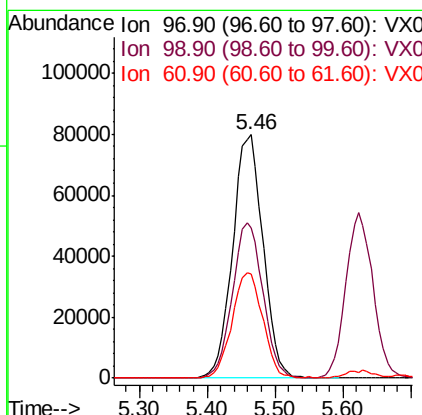
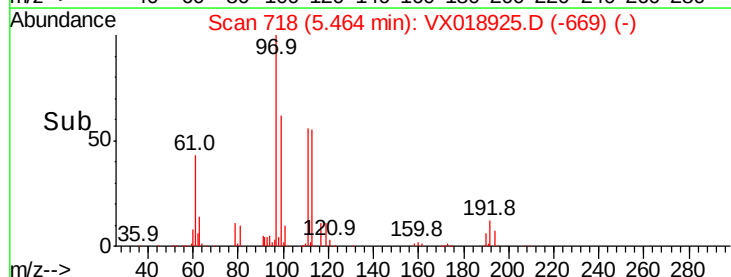
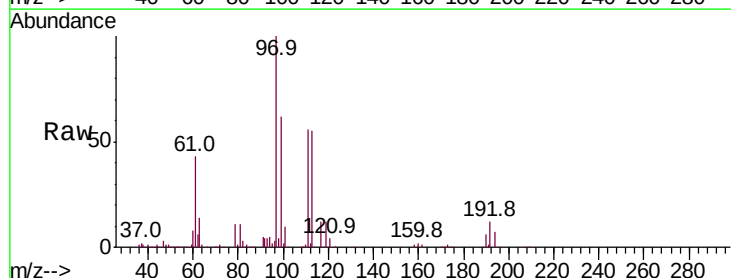
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

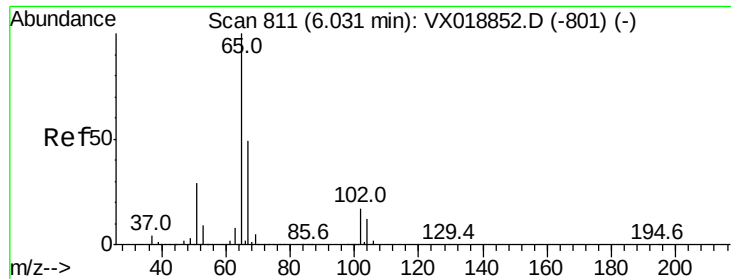
Tot Ion: 56 Resp: 182101
Ion Ratio Lower Upper
56 100
69 30.6 27.1 40.7
84 83.4 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 44.644 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 97 Resp: 247537
Ion Ratio Lower Upper
97 100
99 63.9 52.1 78.1
61 43.7 35.3 52.9

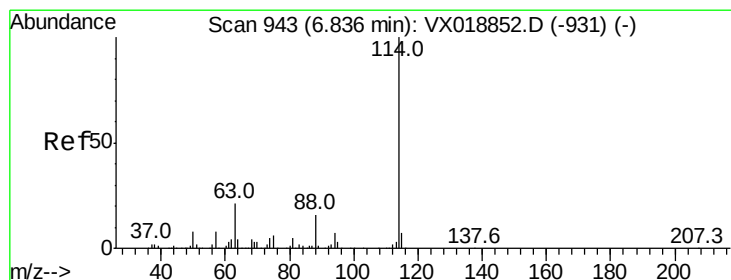
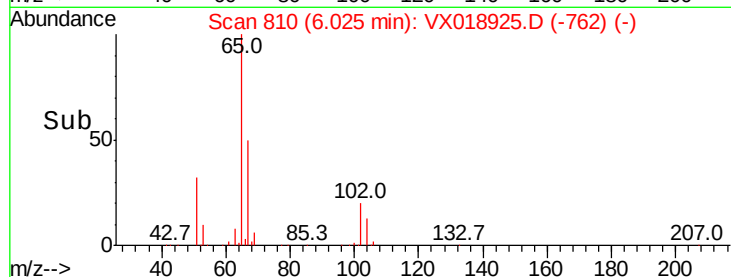
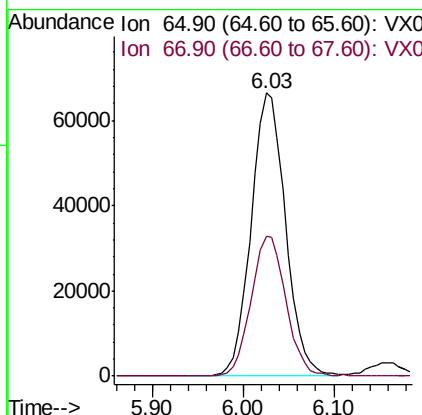
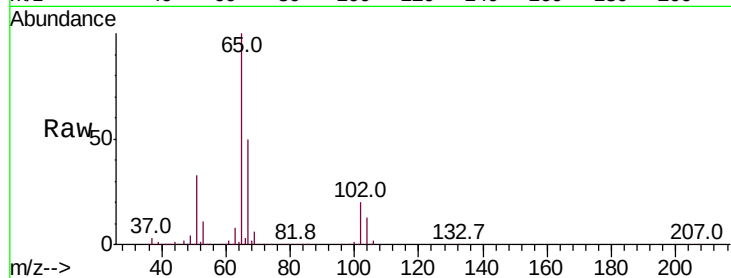




#33
 1,2-Dichloroethane-d4
 Concen: 44.976 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

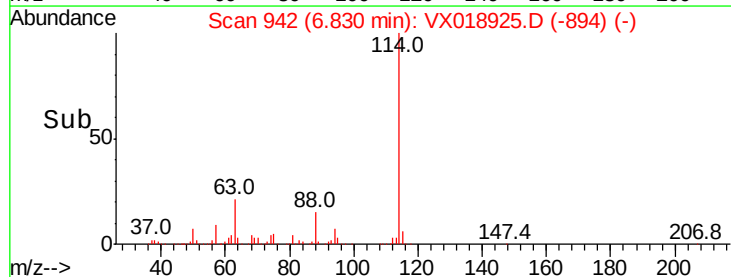
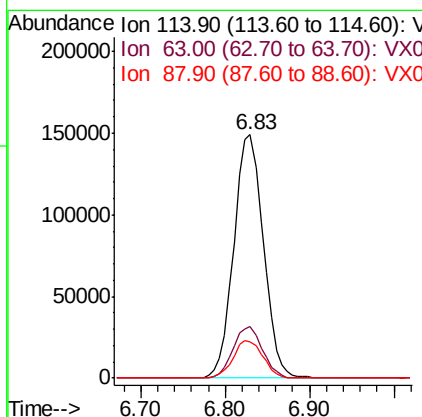
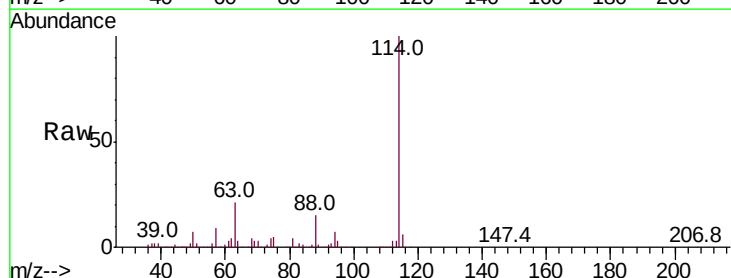
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

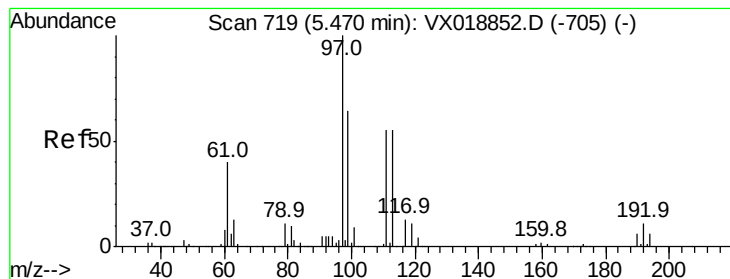
Tot Ion: 65 Resp: 174353
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion: 114 Resp: 353130
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.819 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

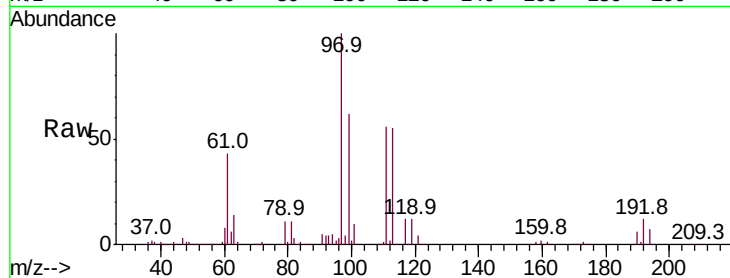
Tot Ion:113 Resp: 130410

Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

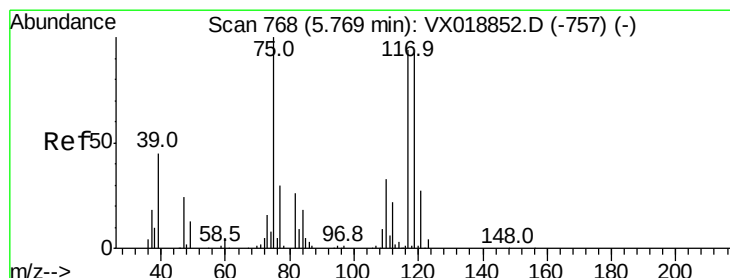
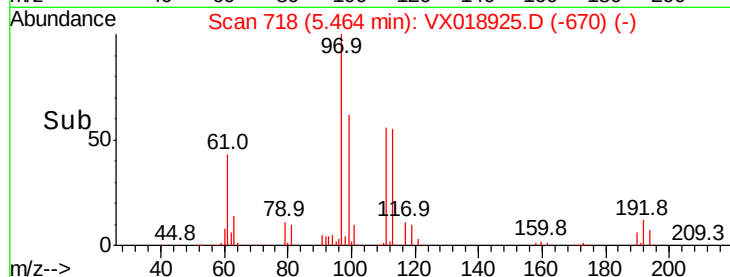
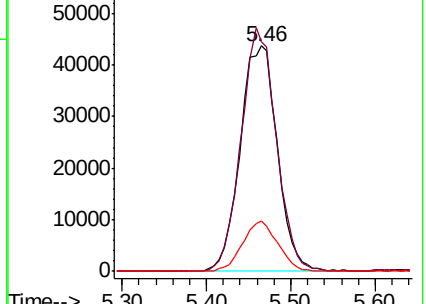
192 21.1 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.339 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

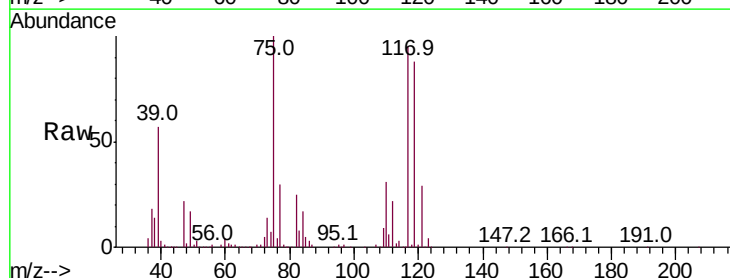
Tgt Ion: 75 Resp: 190611

Ion Ratio Lower Upper

75 100

110 34.1 17.8 53.5

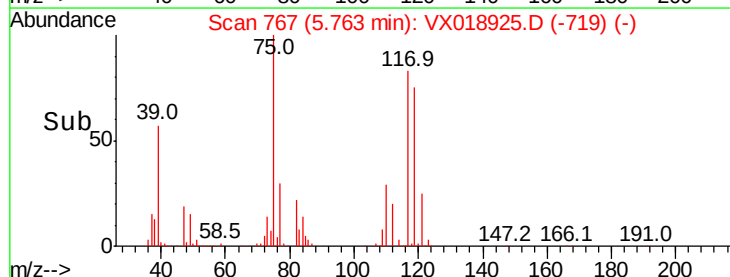
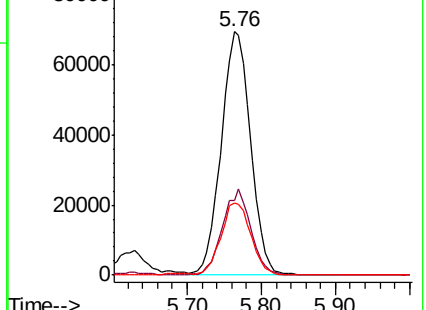
77 30.1 24.2 36.4

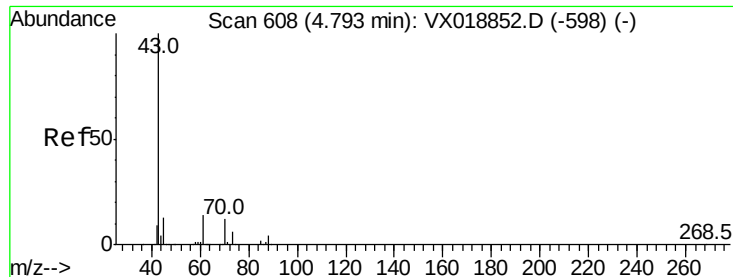


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

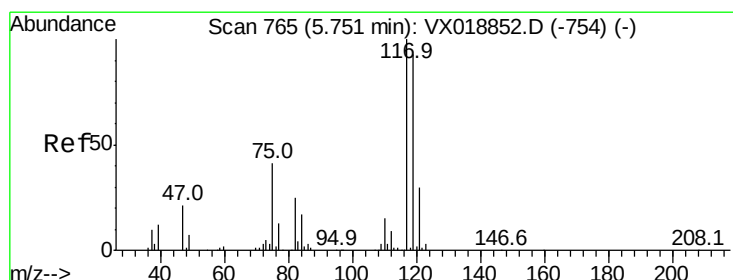
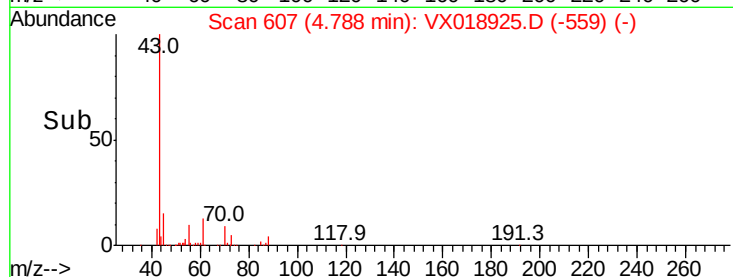
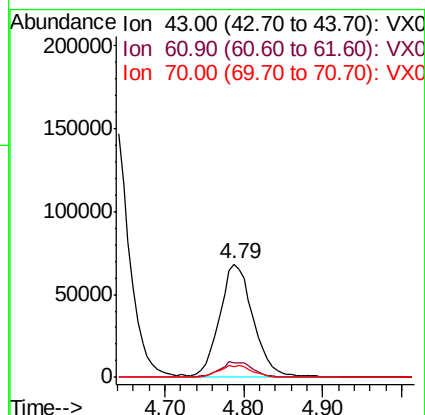
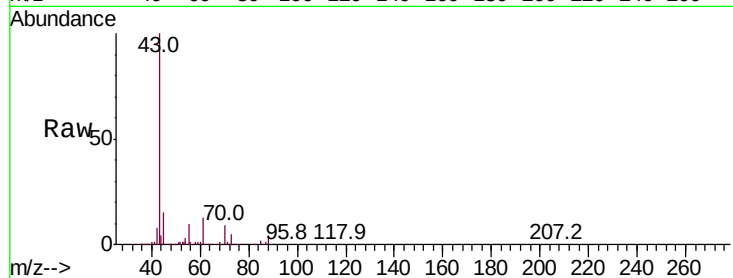




#37
Ethyl Acetate
Concen: 55.643 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

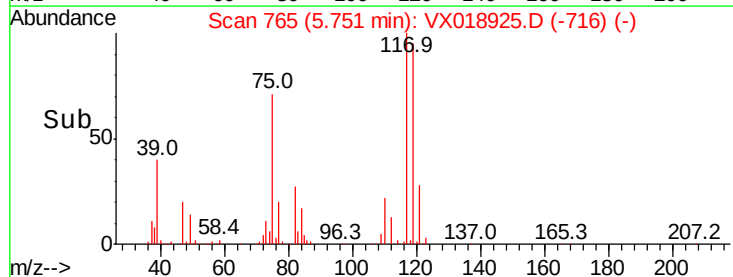
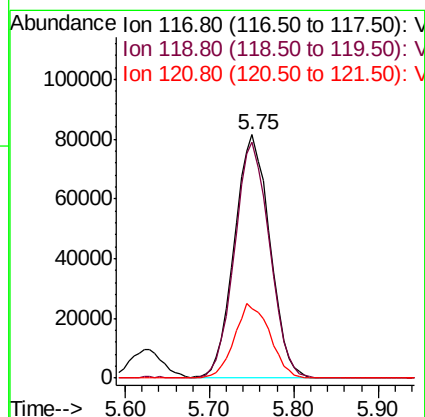
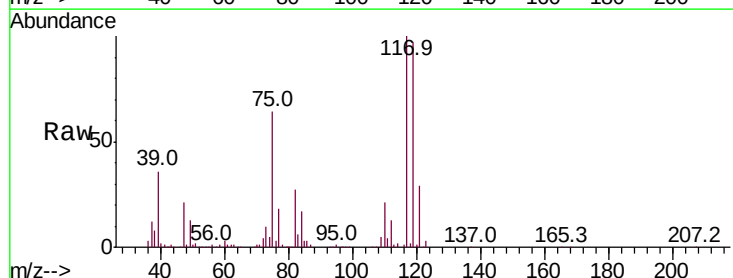
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

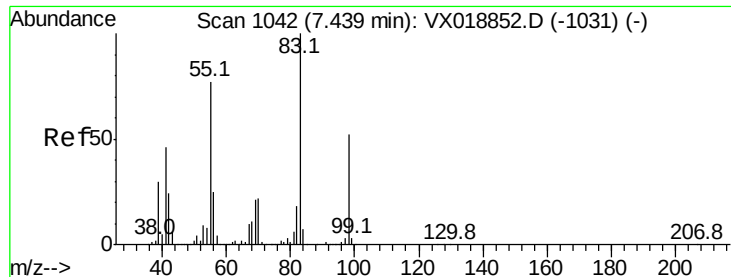
Tot Ion:	43	Resp:	199503
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.9	16.3
70	10.6	8.6	13.0



#38
Carbon Tetrachloride
Concen: 50.578 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion:	117	Resp:	232755
Ion	Ratio	Lower	Upper
117	100		
119	97.1	73.9	110.9
121	28.7	23.6	35.4

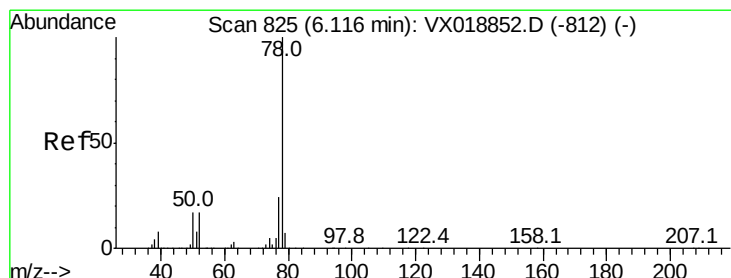
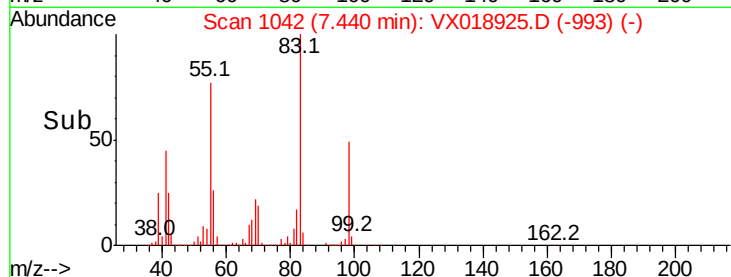
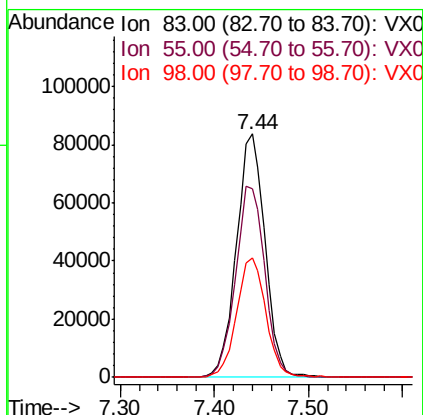
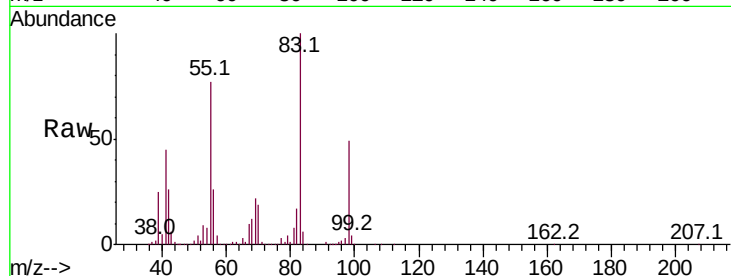




#39
Methylvlcyclohexane
Concen: 51.894 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

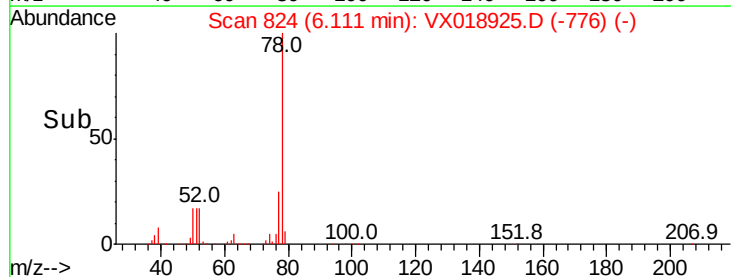
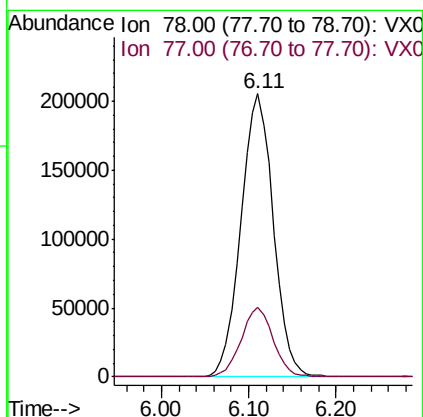
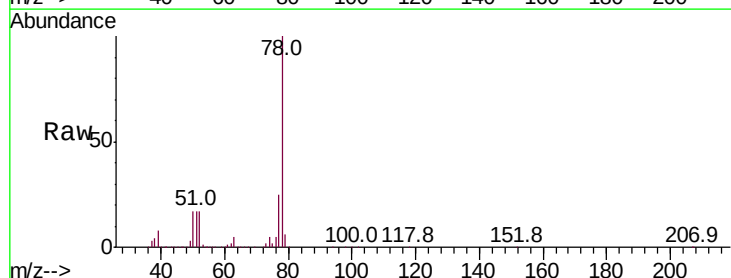
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

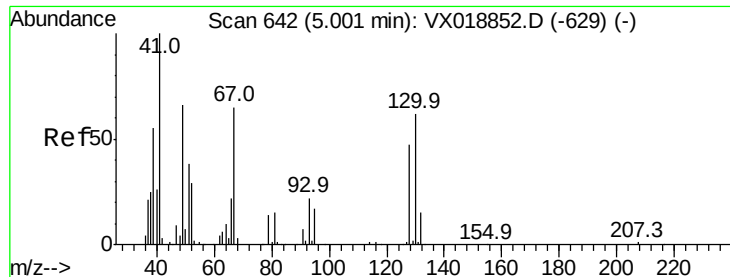
Tot Ion: 83 Resp: 177611
Ion Ratio Lower Upper
83 100
55 77.3 61.8 92.6
98 49.3 41.4 62.0



#40
Benzene
Concen: 53.022 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 78 Resp: 528894
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

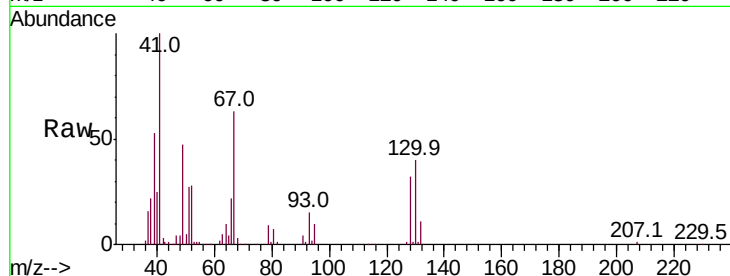




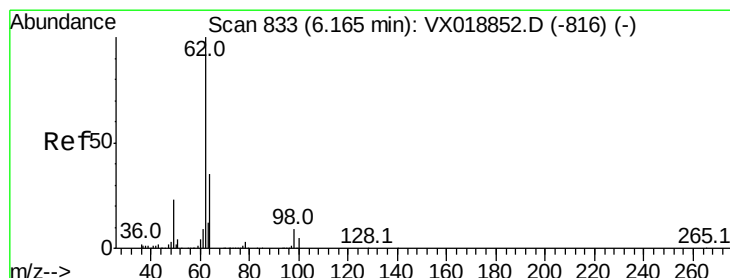
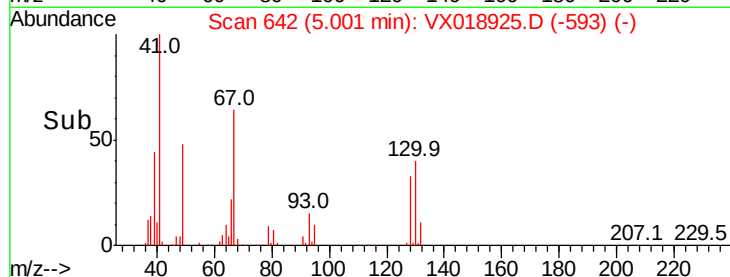
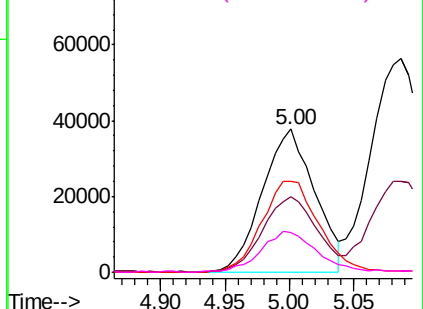
#41
Methacrylonitrile
Concen: 50.977 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	106029
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.4	68.2
67	69.8	55.4	83.2
52	31.1	23.8	35.8

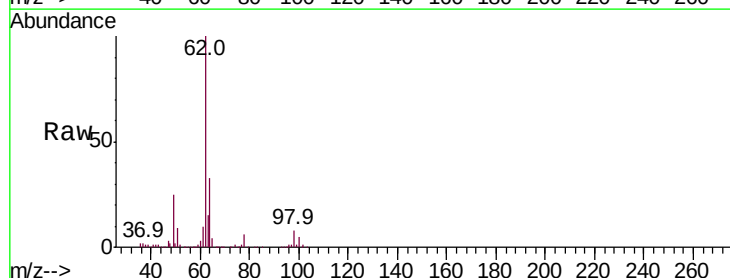


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

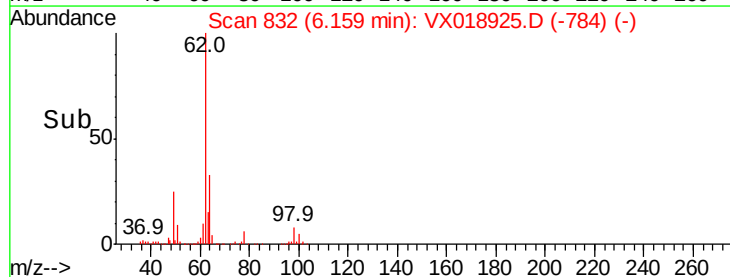
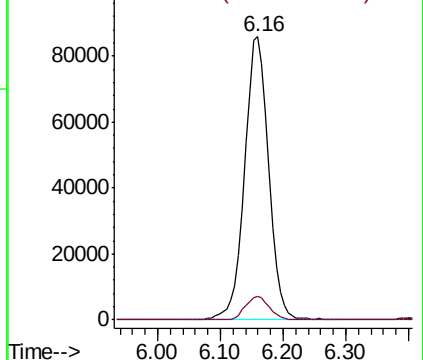


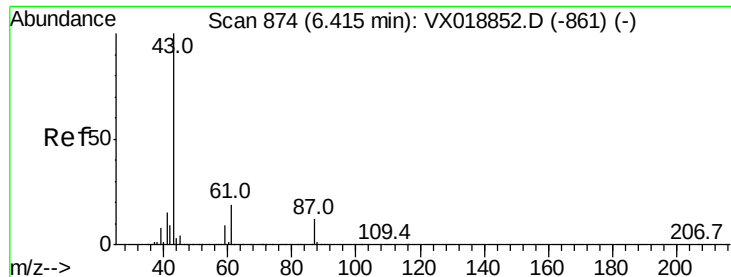
#42
1,2-Dichloroethane
Concen: 48.465 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion:	62	Resp:	226647
Ion	Ratio	Lower	Upper
62	100		
98	8.4	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: 52.063 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

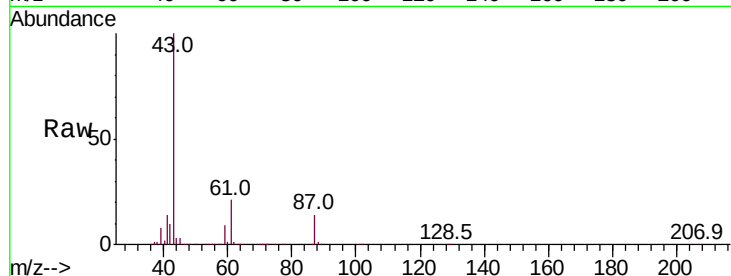
Tot Ion: 43 Resp: 310227

Ion Ratio Lower Upper

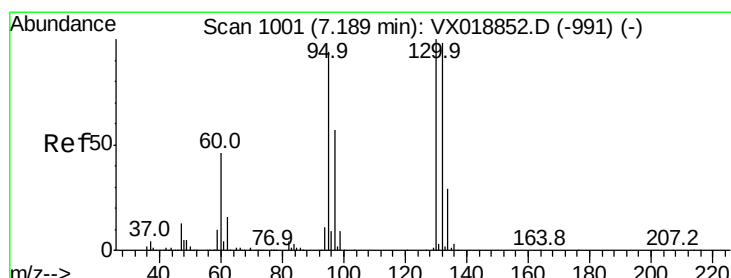
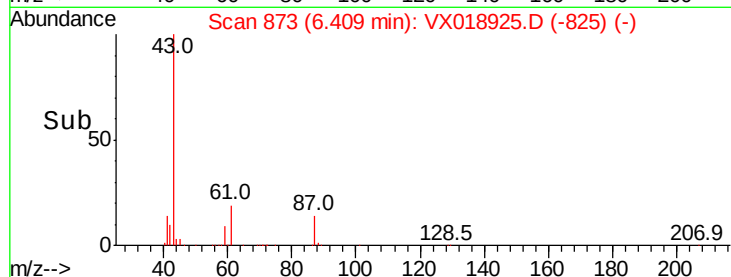
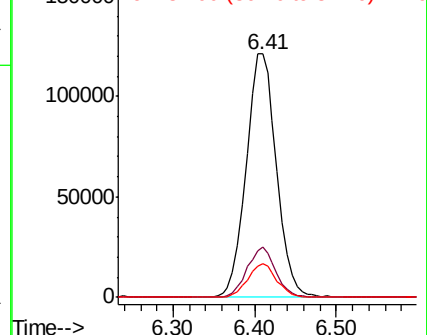
43 100

61 19.7 15.5 23.3

87 13.4 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: 49.778 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018925.D

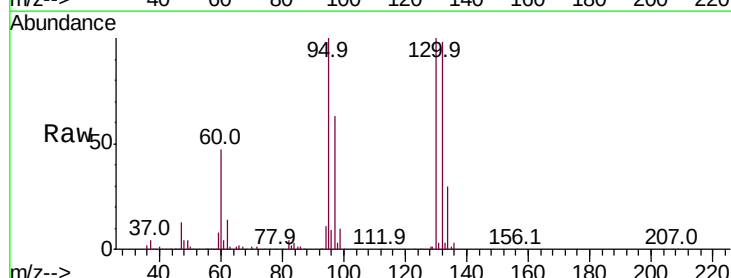
Acq: 13 Oct 2020 12:02

Tgt Ion:130 Resp: 148906

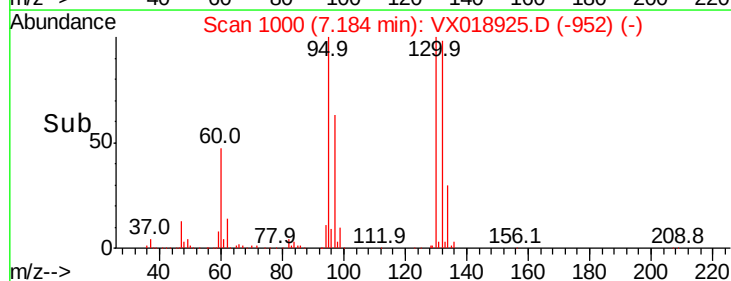
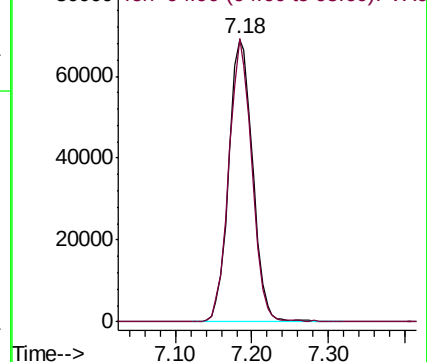
Ion Ratio Lower Upper

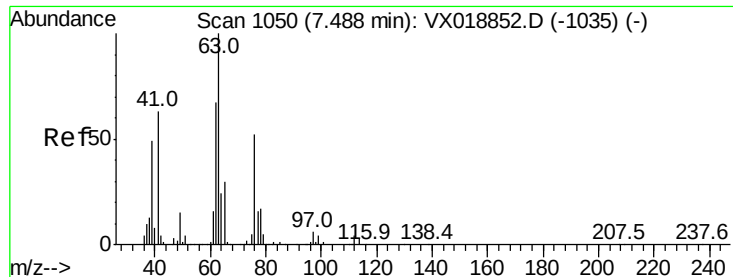
130 100

95 100.3 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: 54.006 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

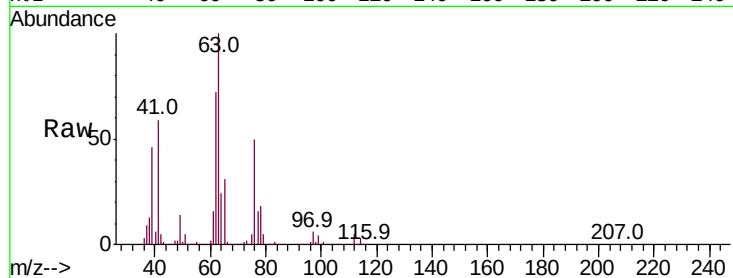
VSTDCCC050

Tot Ion: 63 Resp: 142542

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

80000

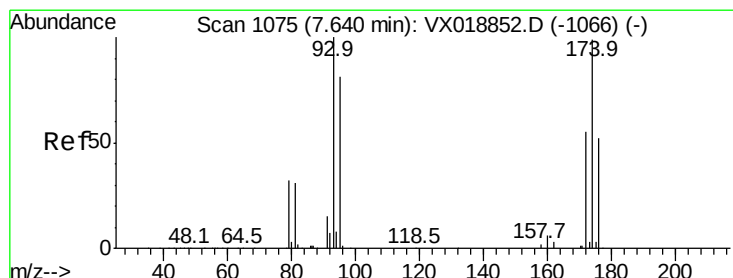
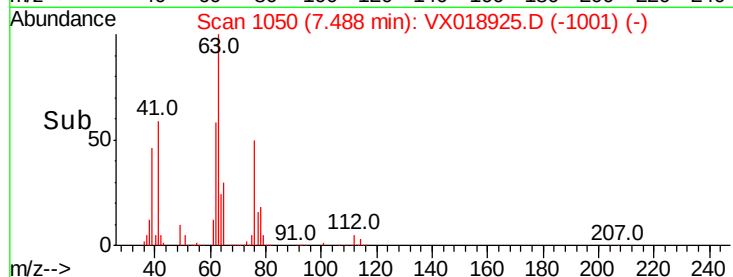
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 48.788 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

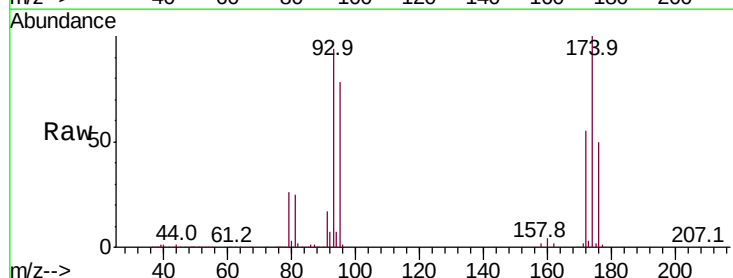
Tgt Ion: 93 Resp: 95161

Ion Ratio Lower Upper

93 100

95 83.3 66.1 99.1

174 113.9 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

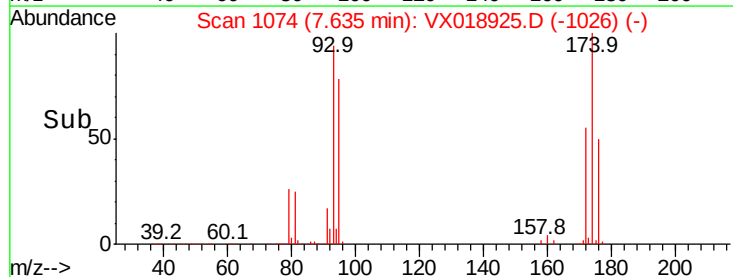
60000

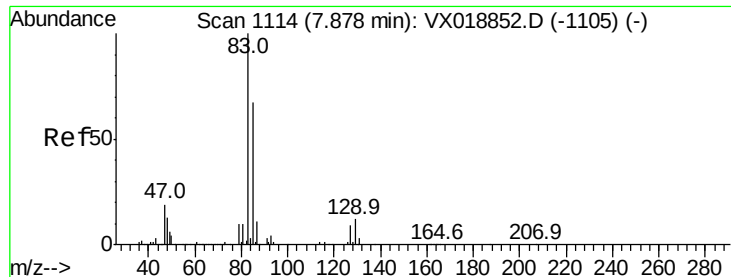
40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 51.787 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

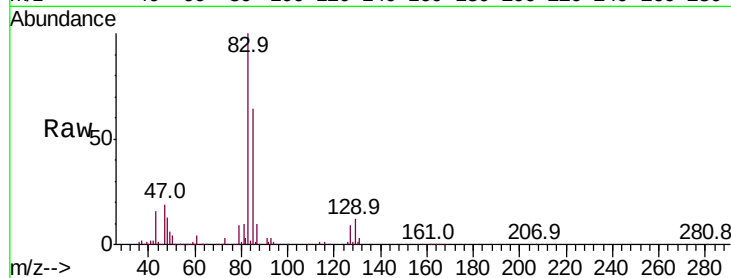
Tot Ion: 83 Resp: 21889

Ion Ratio Lower Upper

83 100

85 64.5 53.8 80.6

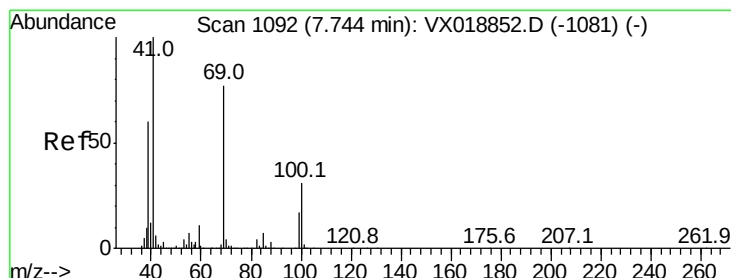
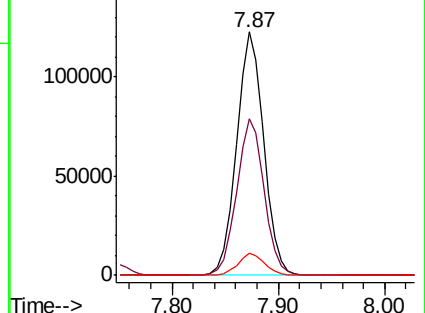
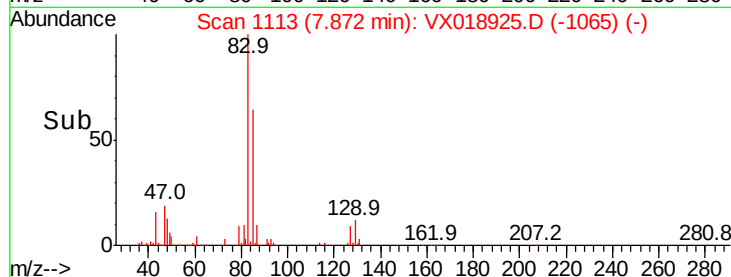
127 9.2 7.5 11.3



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: 53.753 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

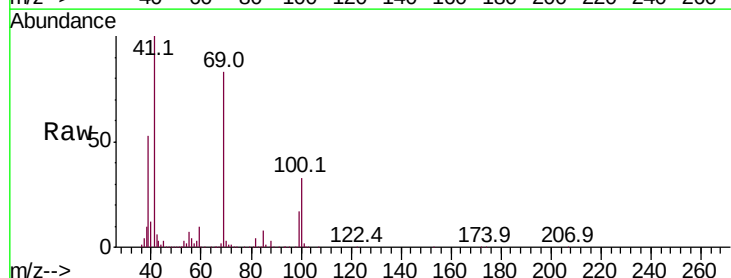
Tgt Ion: 41 Resp: 162521

Ion Ratio Lower Upper

41 100

69 80.9 64.6 97.0

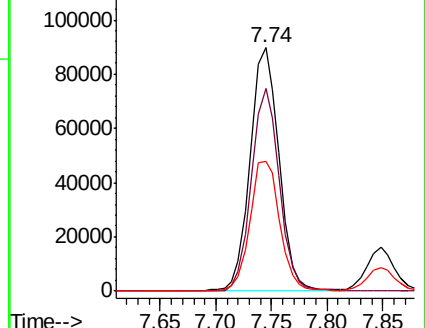
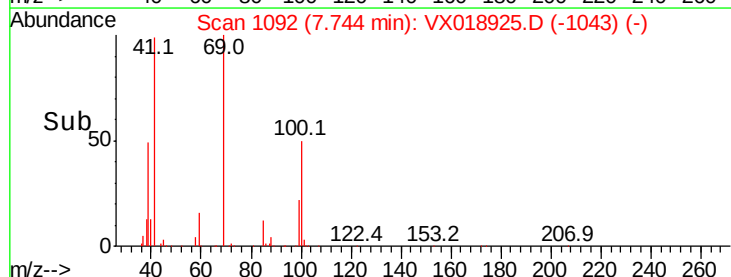
39 55.2 48.6 73.0

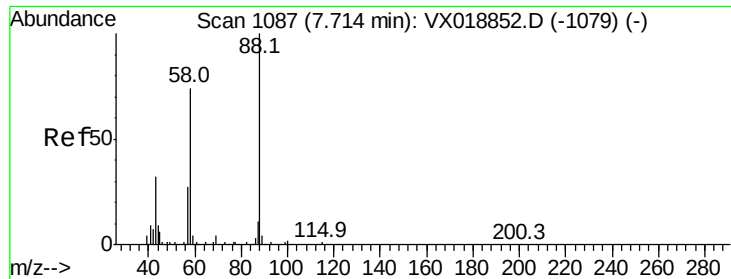


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

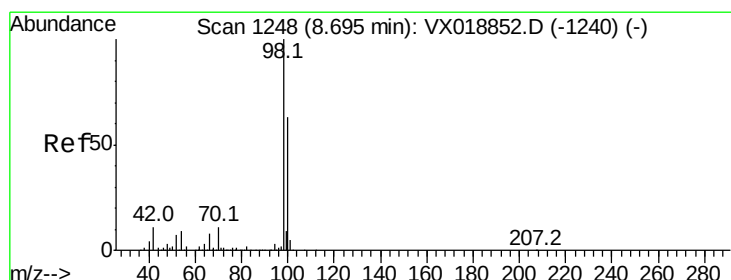
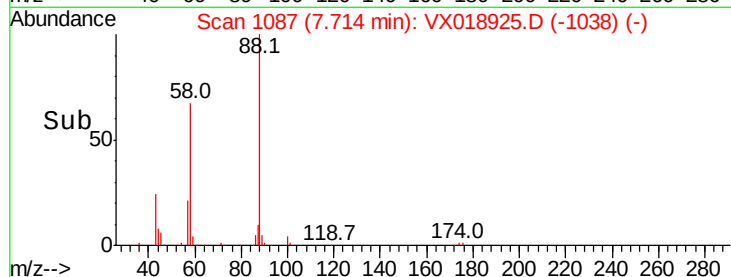
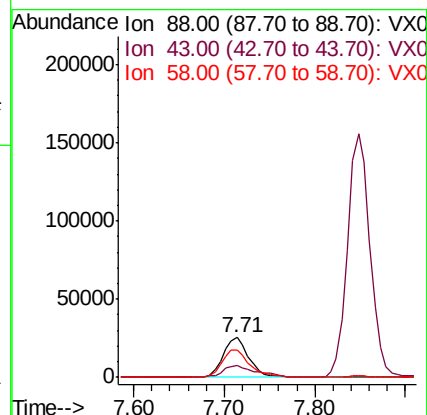
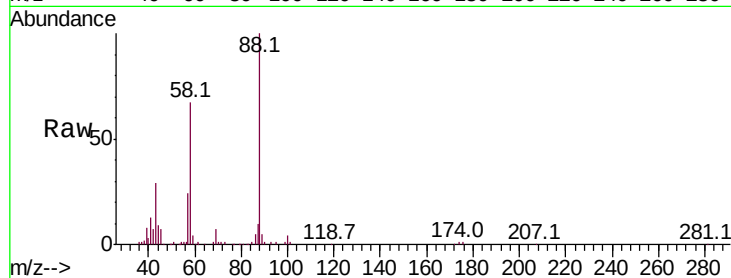




#49
1,4-Dioxane
Concen: 1200.228 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

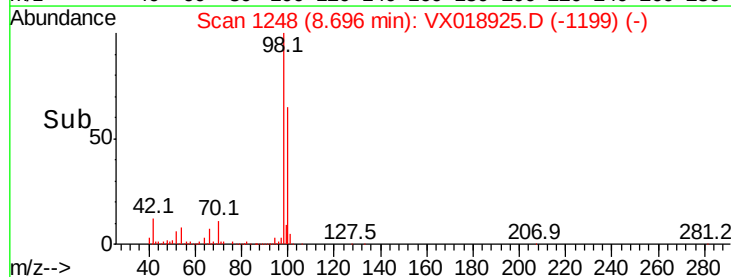
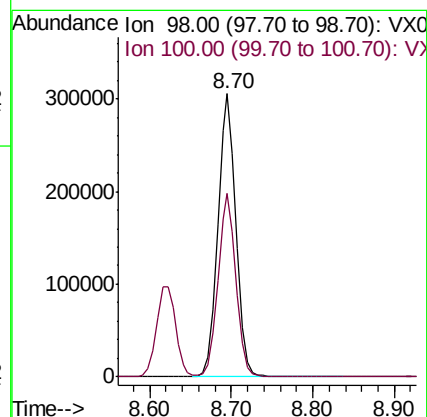
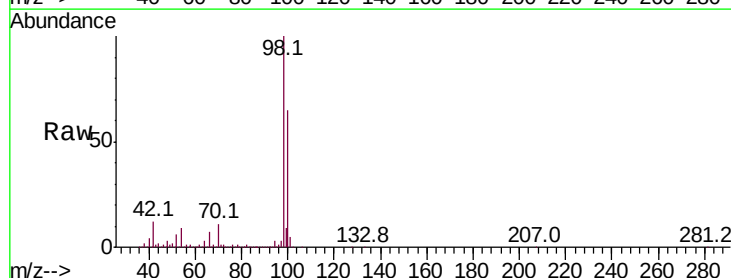
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

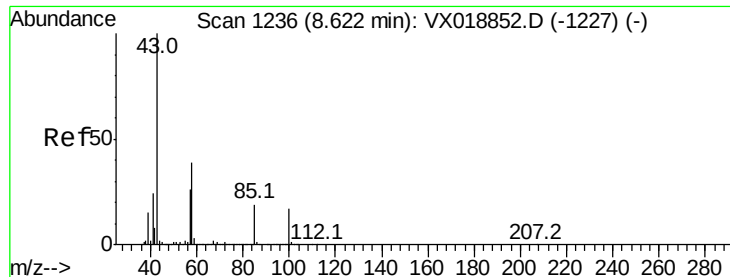
Tot Ion	88	Resp	50883
Ion	Ratio	Lower	Upper
88	100		
43	36.9	31.0	46.6
58	73.1	59.3	88.9



#50
Toluene-d8
Concen: 54.213 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	98	Resp	473258
Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 270.491 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

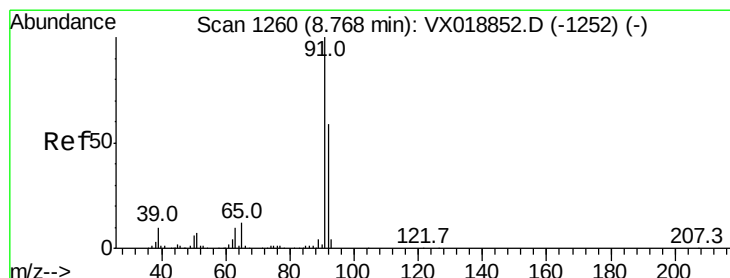
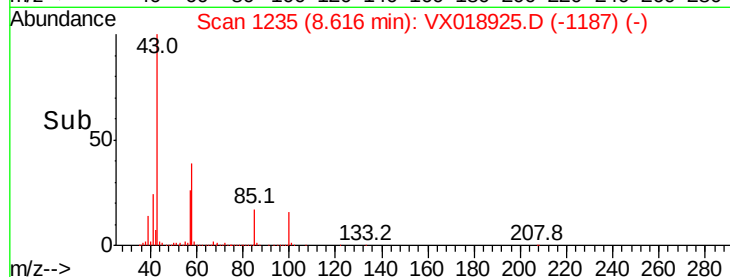
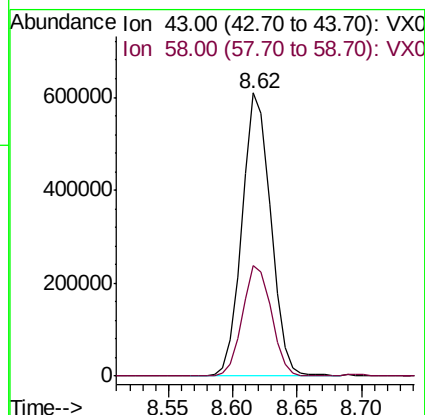
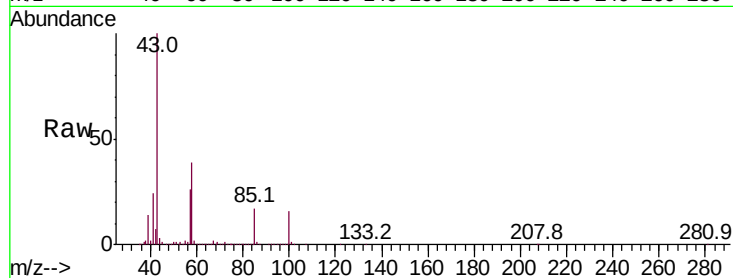
VSTDCCC050

Tot Ion: 43 Resp: 940715

Ion Ratio Lower Upper

43 100

58 39.2 30.9 46.3



#52

Toluene

Concen: 54.822 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018925.D

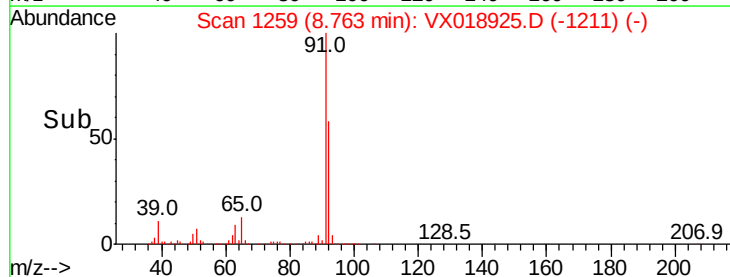
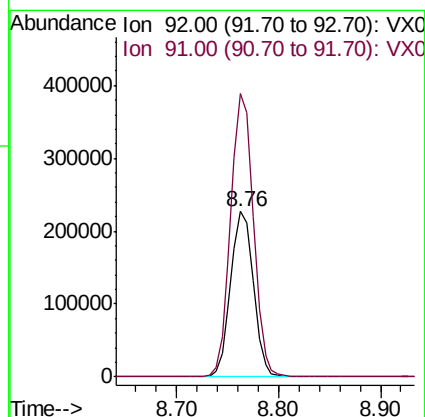
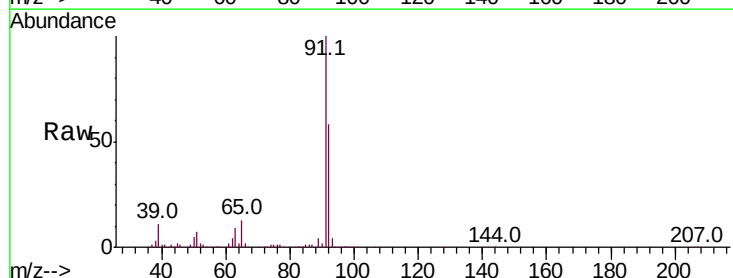
Acq: 13 Oct 2020 12:02

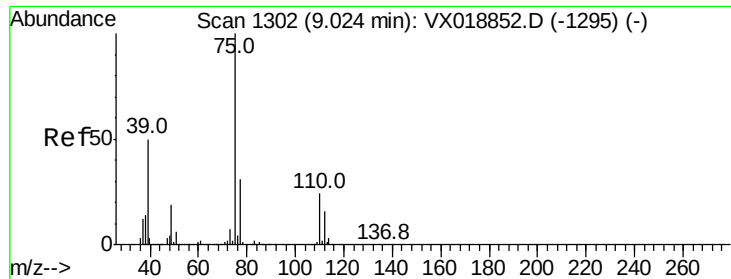
Tgt Ion: 92 Resp: 350937

Ion Ratio Lower Upper

92 100

91 171.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 53.322 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

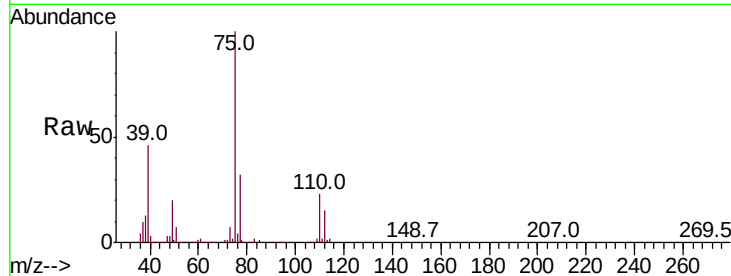
VSTDCCC050

Tot Ion: 75 Resp: 233368

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

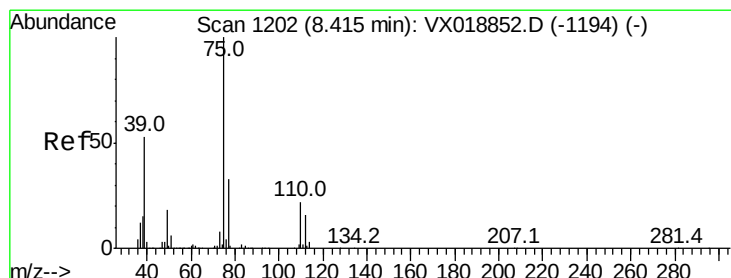
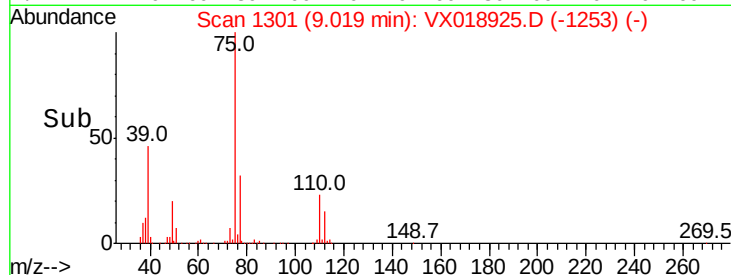
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.518 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

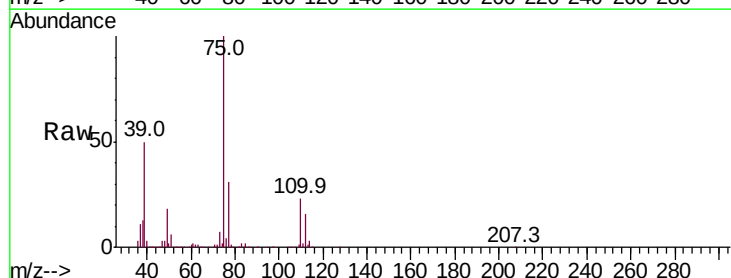
Tgt Ion: 75 Resp: 245447

Ion Ratio Lower Upper

75 100

77 31.5 26.6 39.8

39 49.8 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

8.42

200000

150000

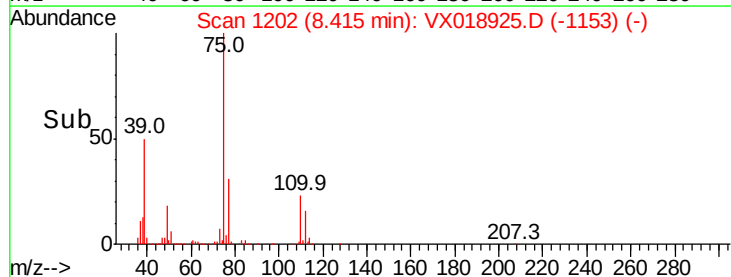
100000

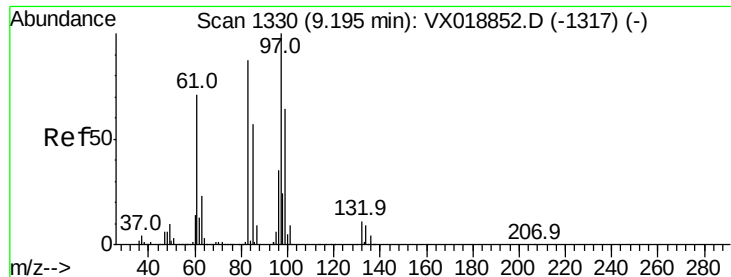
50000

0

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.911 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 145484

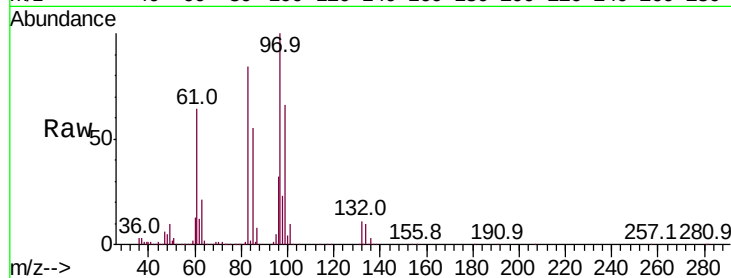
Ion Ratio Lower Upper

97 100

83 83.7 69.3 103.9

85 54.8 45.3 67.9

99 65.5 51.0 76.6

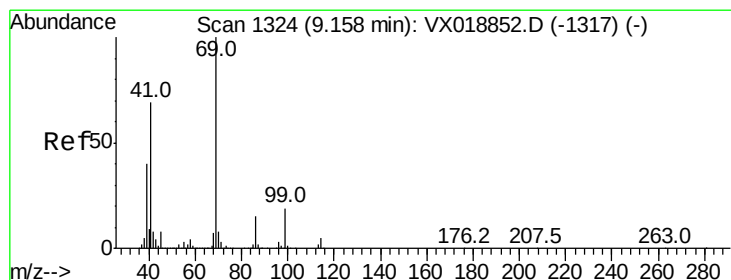
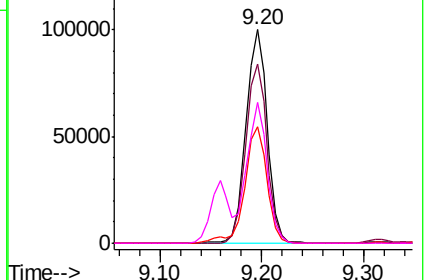
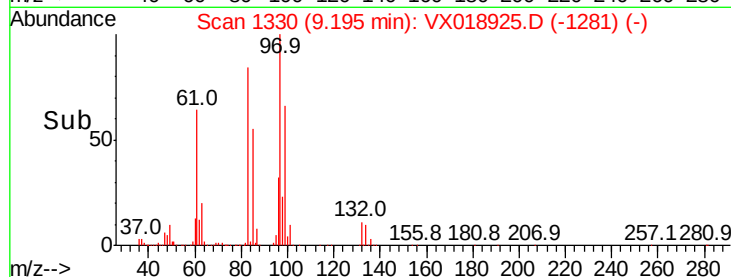


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.630 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

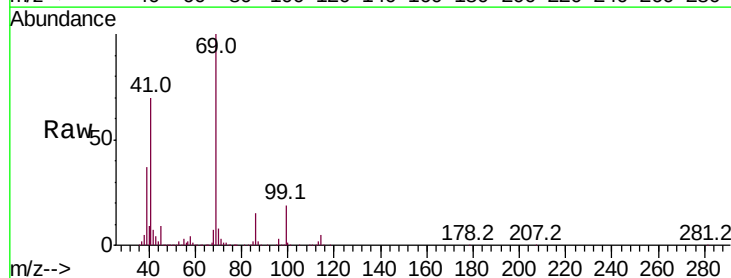
Tgt Ion: 69 Resp: 207641

Ion Ratio Lower Upper

69 100

41 69.1 54.6 81.8

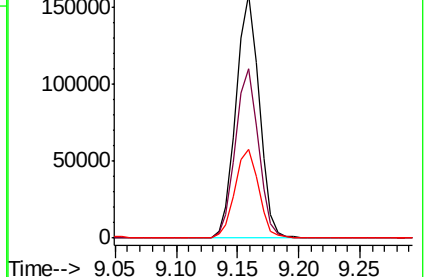
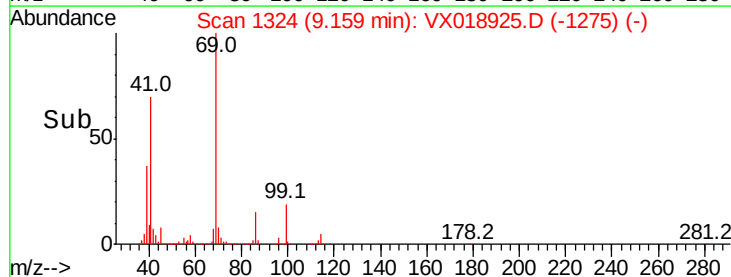
39 37.3 31.5 47.3

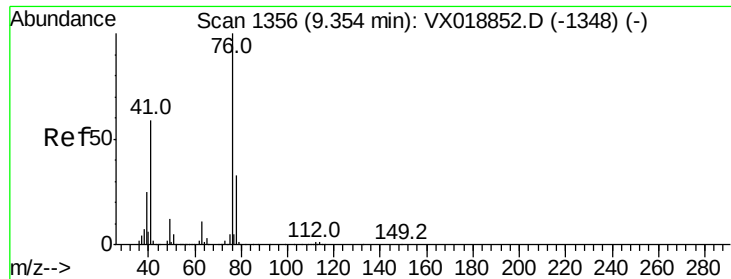


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.932 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

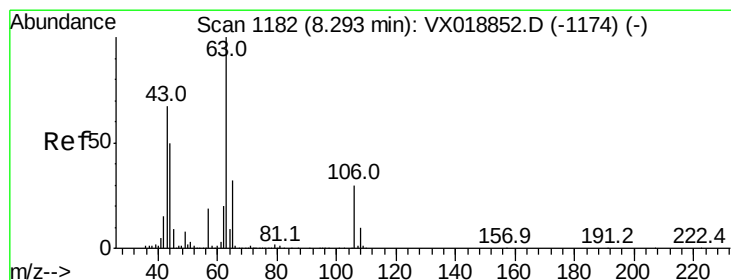
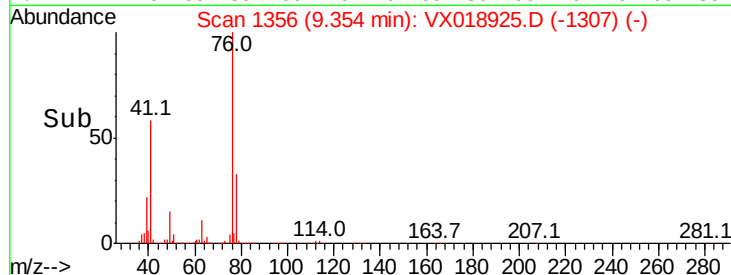
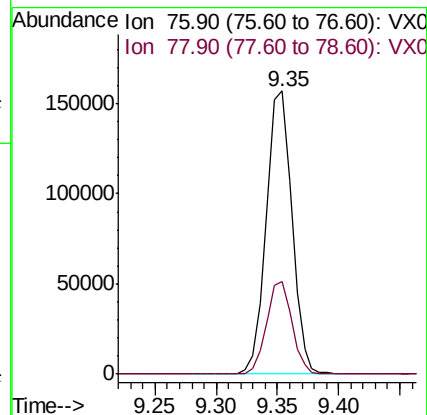
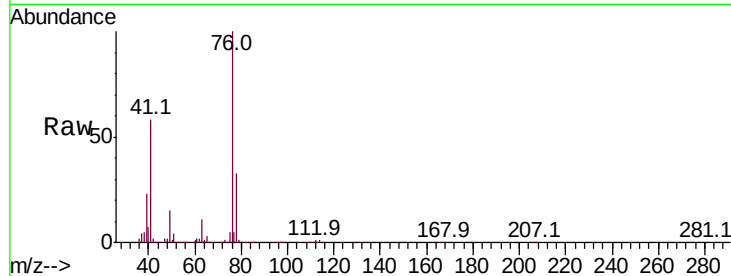
VSTDCCC050

Tot Ion: 76 Resp: 231697

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 294.333 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018925.D

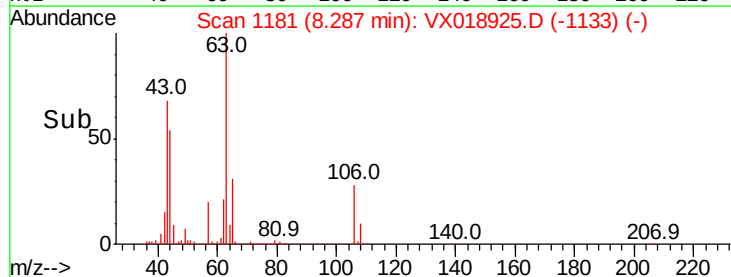
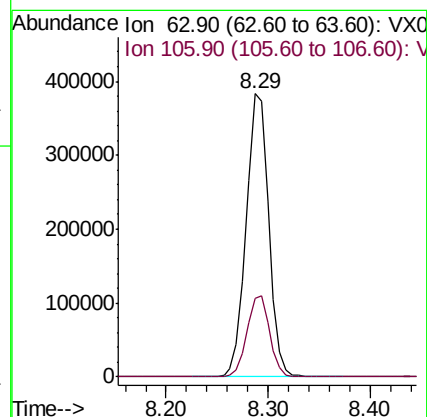
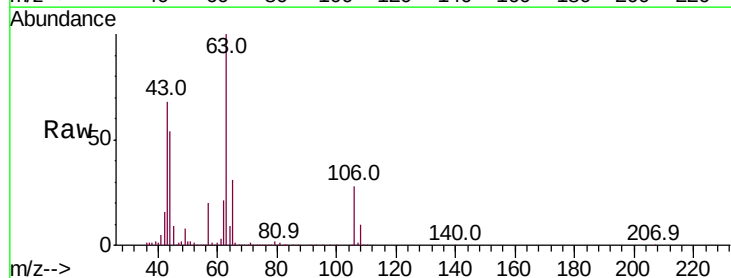
Acq: 13 Oct 2020 12:02

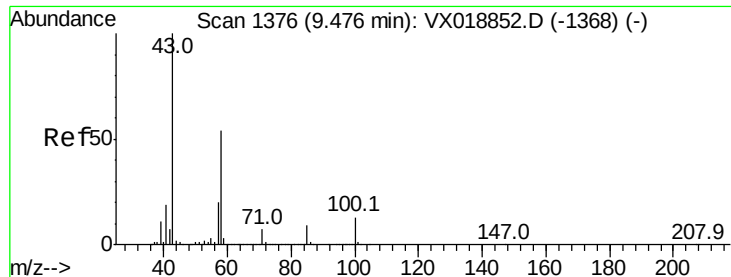
Tgt Ion: 63 Resp: 585538

Ion Ratio Lower Upper

63 100

106 28.7 24.2 36.4

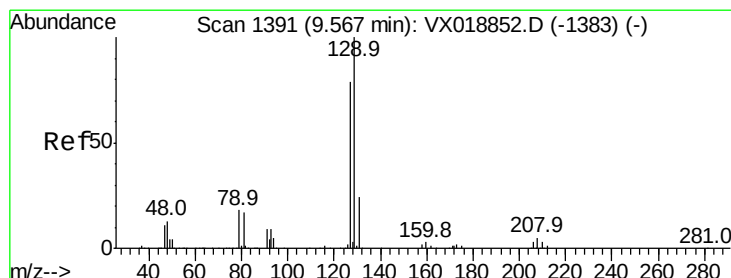
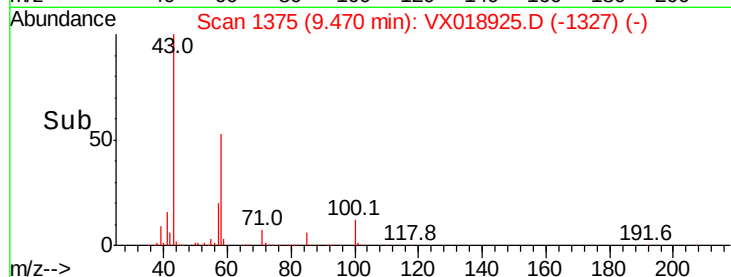
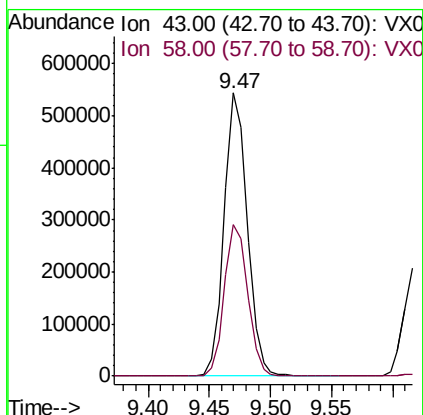
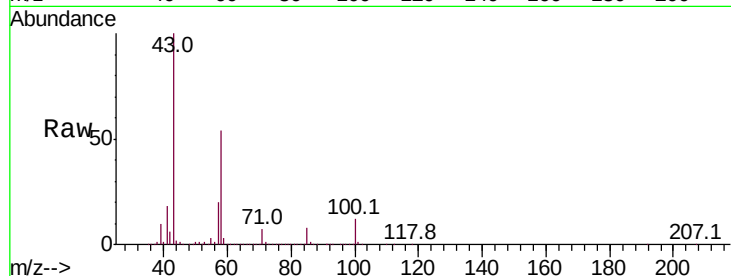




#59
2-Hexanone
Concen: 269.391 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

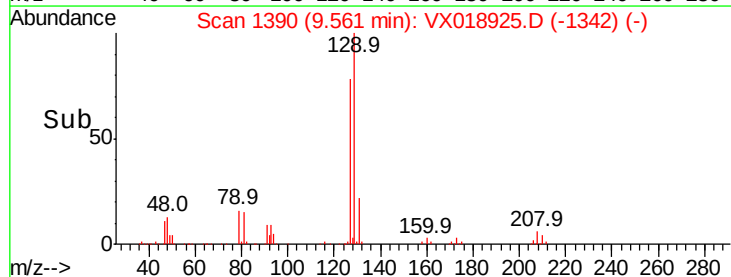
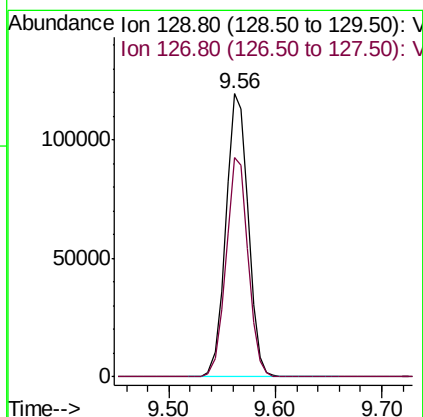
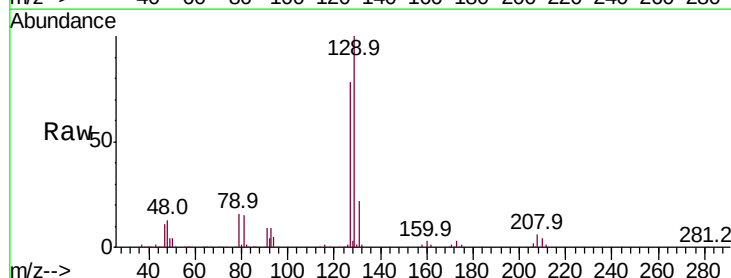
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

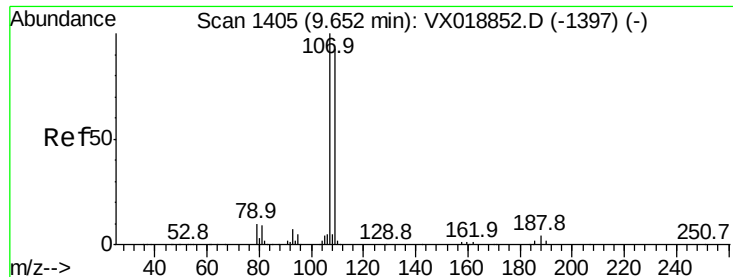
Tot Ion: 43 Resp: 713800
Ion Ratio Lower Upper
43 100
58 54.3 26.7 80.1



#60
Dibromochloromethane
Concen: 50.998 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 129 Resp: 176023
Ion Ratio Lower Upper
129 100
127 76.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 51.591 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

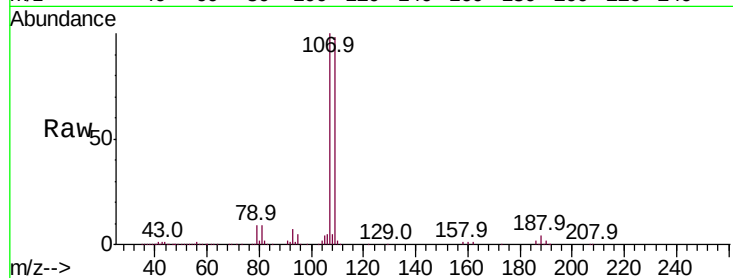
VSTDCCC050

Tot Ion:107 Resp: 152123

Ion Ratio Lower Upper

107 100

109 93.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

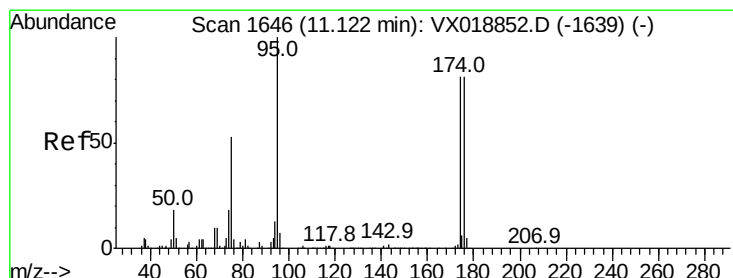
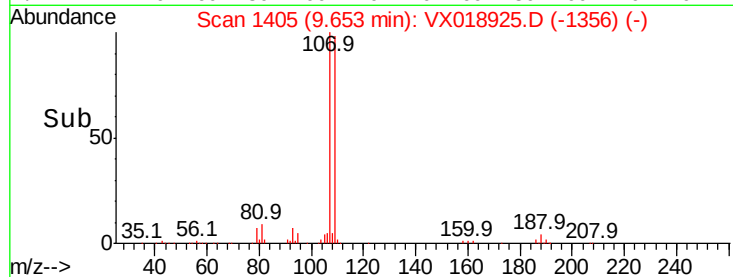
40000

20000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 51.889 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

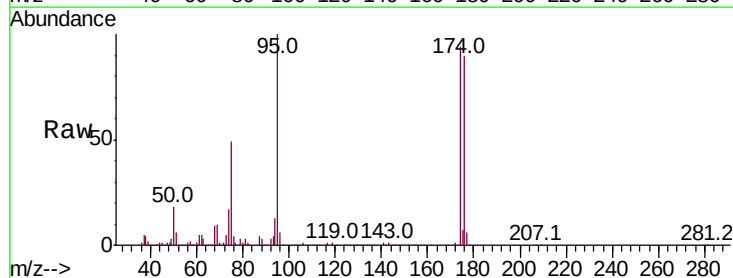
Tgt Ion: 95 Resp: 180533

Ion Ratio Lower Upper

95 100

174 89.6 0.0 160.0

176 86.8 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

200000

150000

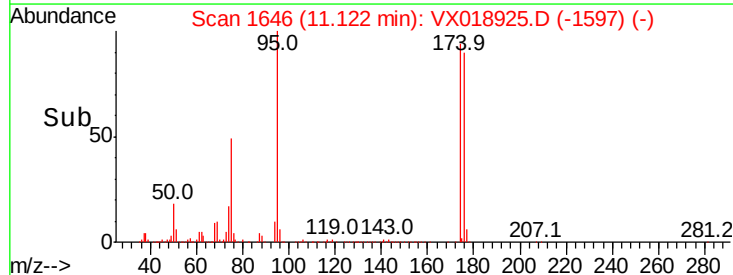
100000

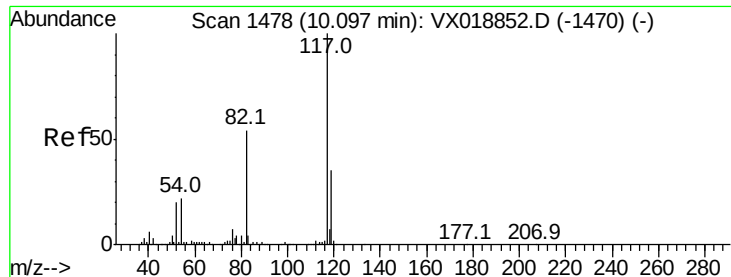
50000

0

11.05 11.10 11.15

Time-->

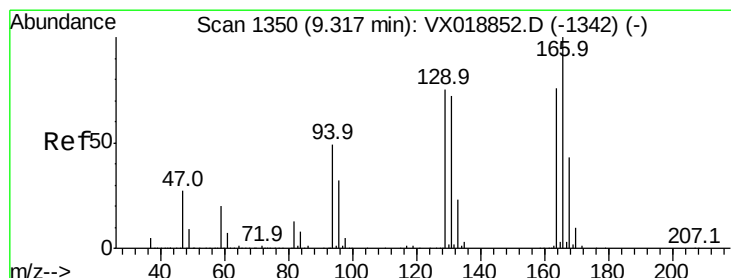
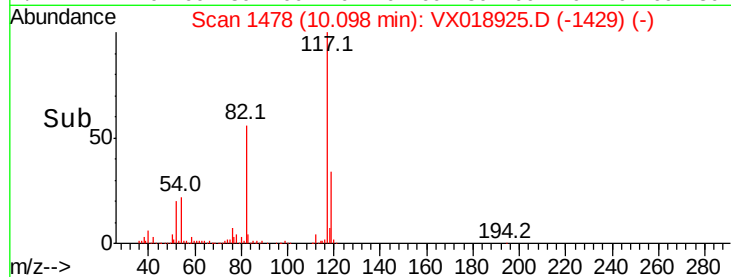
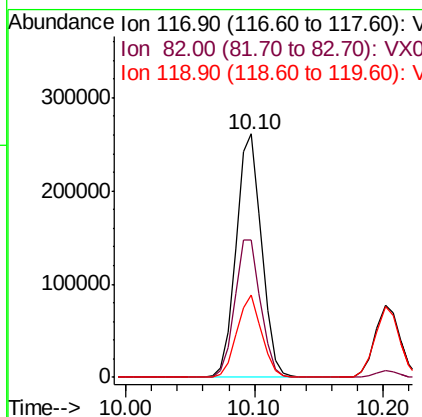
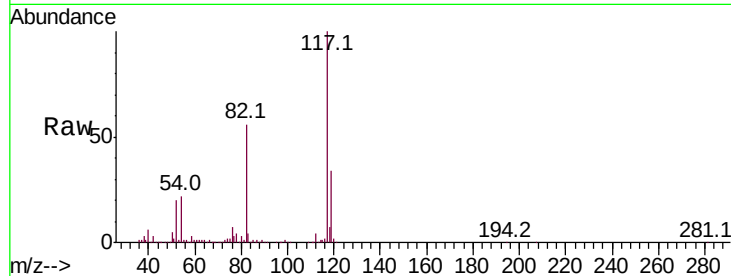




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

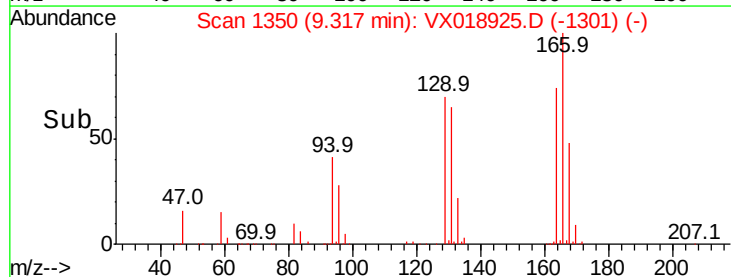
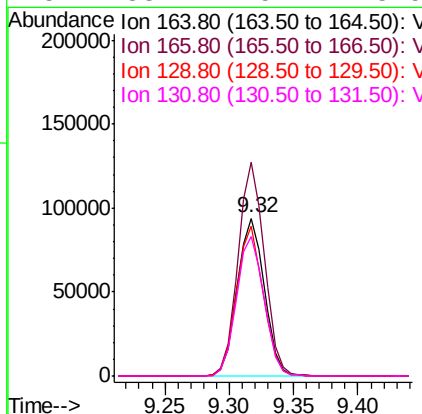
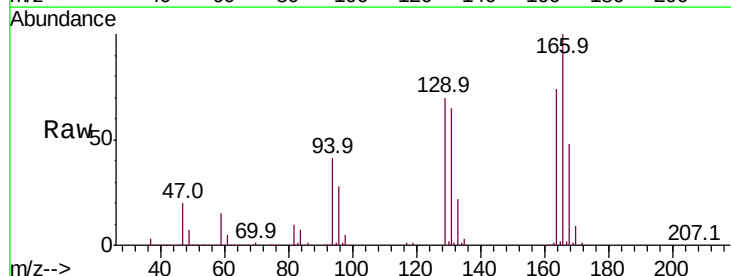
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

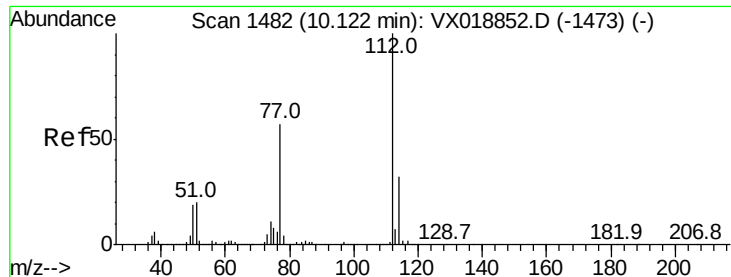
Tot Ion:117 Resp: 357283
Ion Ratio Lower Upper
117 100
82 56.2 43.4 65.2
119 33.7 28.3 42.5



#64
Tetrachloroethene
Concen: 52.777 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion:164 Resp: 137512
Ion Ratio Lower Upper
164 100
166 135.3 105.4 158.0
129 94.6 79.0 118.6
131 88.1 75.7 113.5

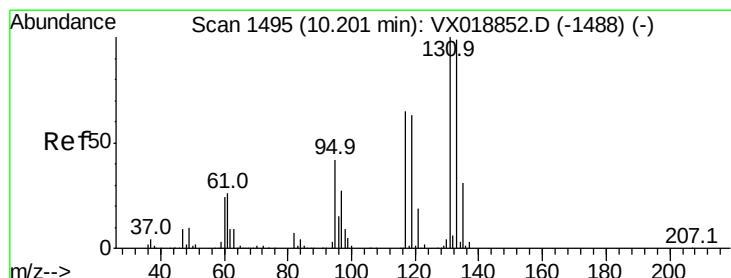
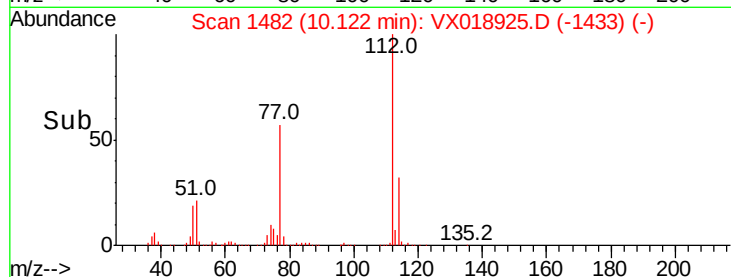
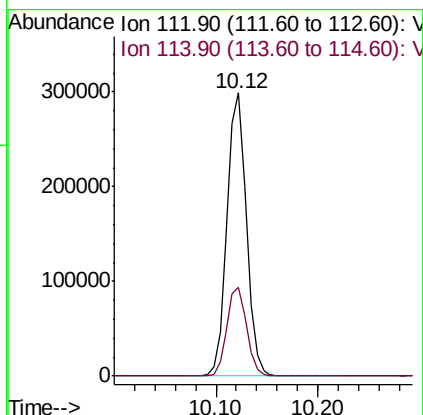
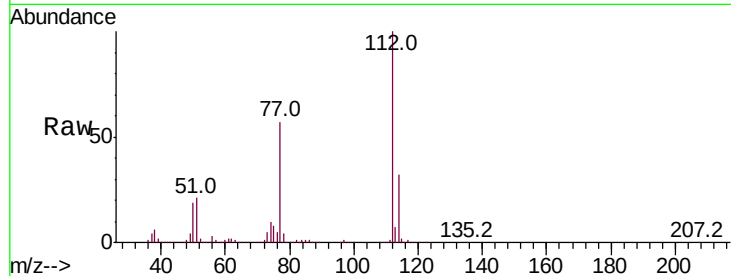




#65
Chlorobenzene
Concen: 50.778 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

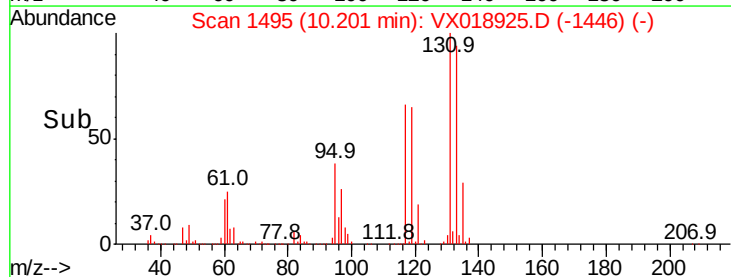
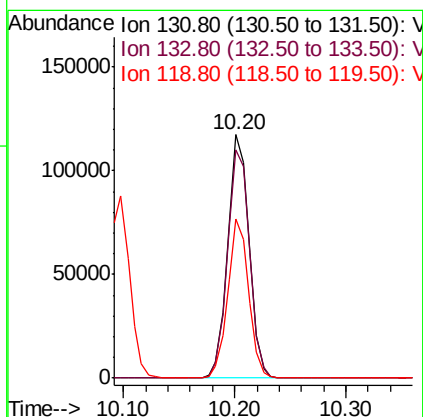
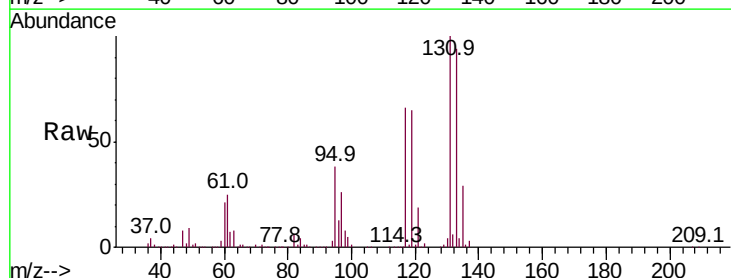
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

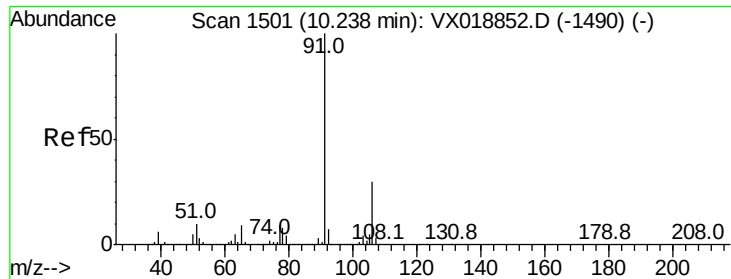
Tot Ion:112 Resp: 392058
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.845 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion:131 Resp: 155586
Ion Ratio Lower Upper
131 100
133 96.9 48.6 145.8
119 63.6 31.1 93.3

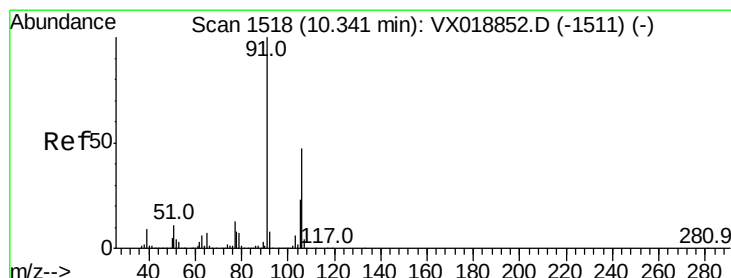
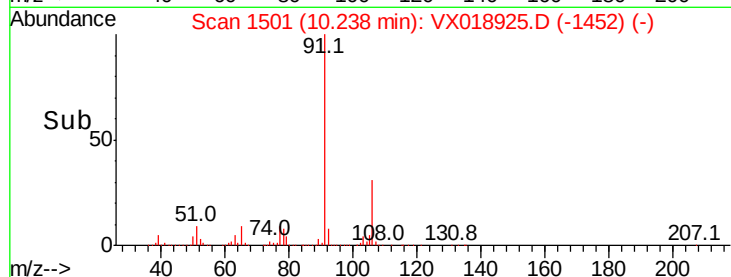
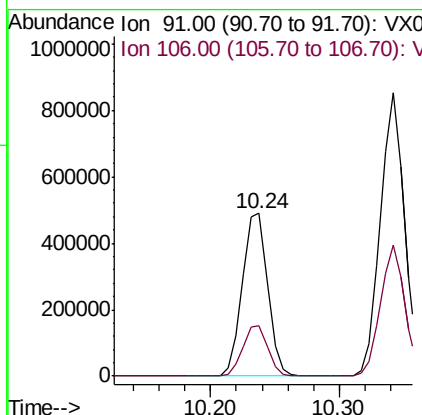
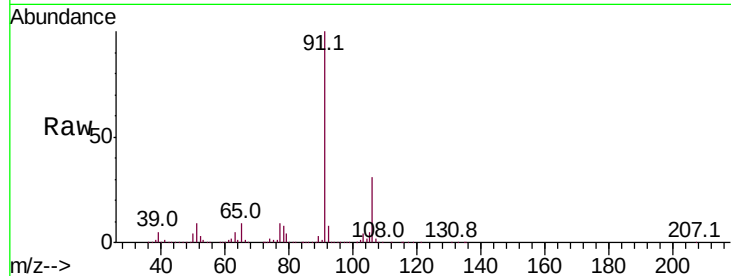




#67
Ethyl Benzene
Concen: 51.138 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

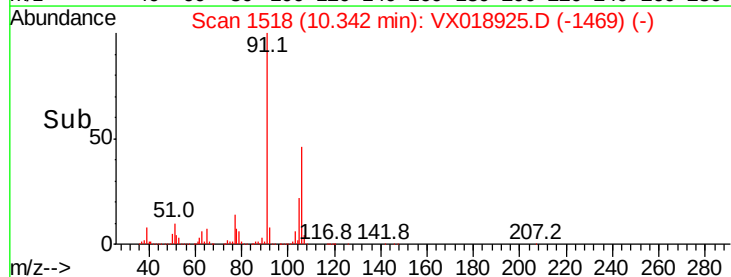
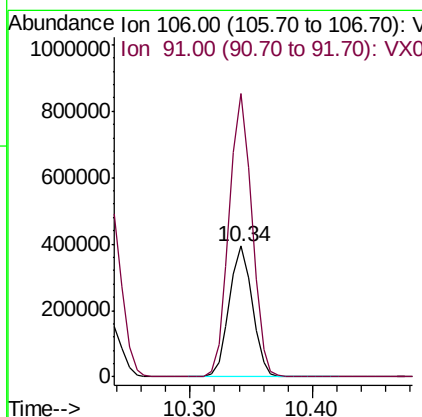
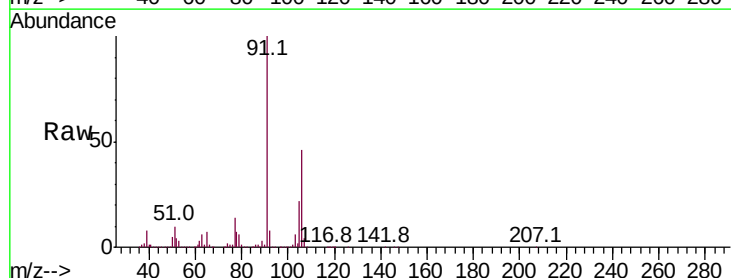
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

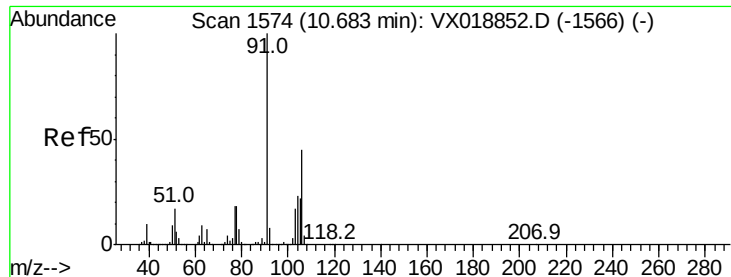
Tot Ion: 91 Resp: 666078
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 103.403 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 106 Resp: 511704
Ion Ratio Lower Upper
106 100
91 215.0 165.6 248.4

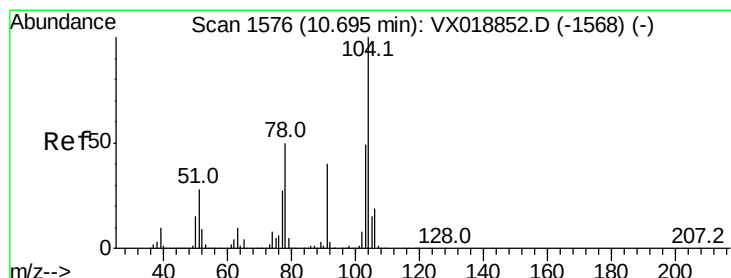
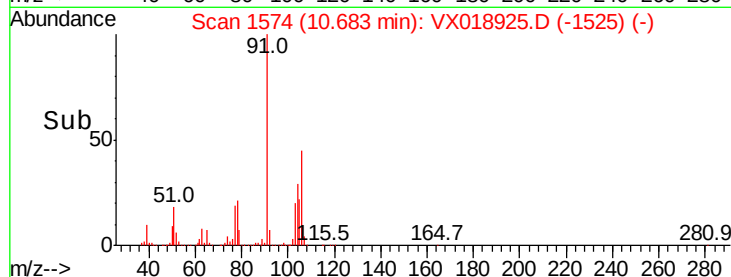
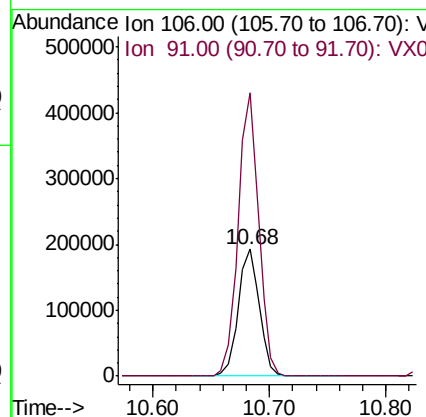
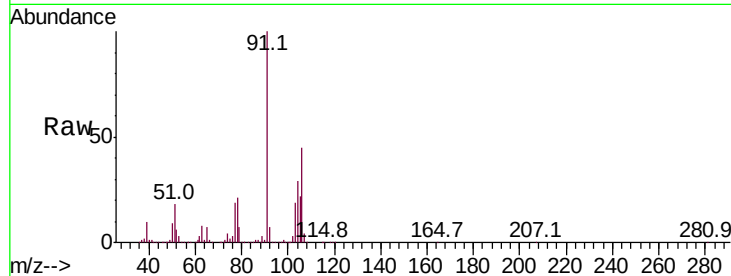




#69
o-Xylene
Concen: 52.306 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

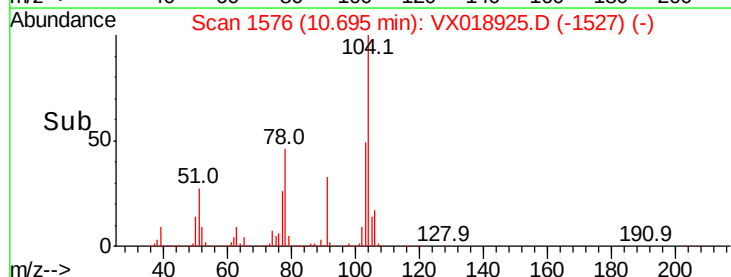
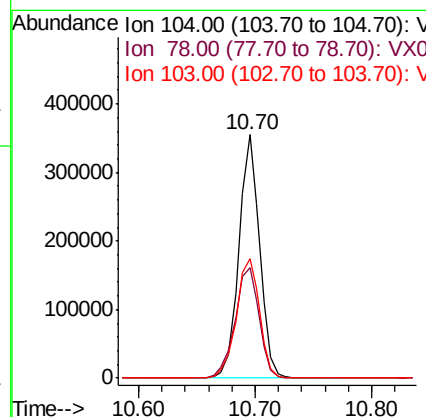
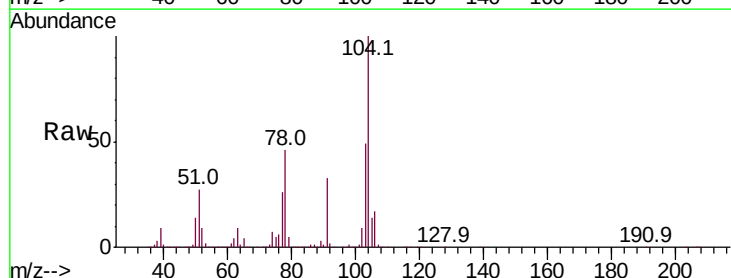
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

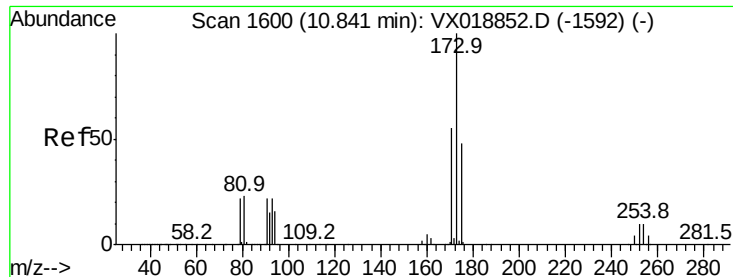
Tot Ion:106 Resp: 243874
Ion Ratio Lower Upper
106 100
91 218.4 109.9 329.6



#70
Styrene
Concen: 55.769 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion:104 Resp: 440203
Ion Ratio Lower Upper
104 100
78 52.8 43.5 65.3
103 55.2 43.3 64.9





#71

Bromoform

Concen: 51.162 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

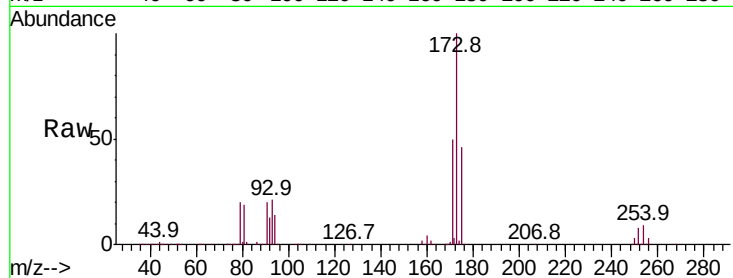
Tot Ion:173 Resp: 140956

Ion Ratio Lower Upper

173 100

175 48.8 23.4 70.0

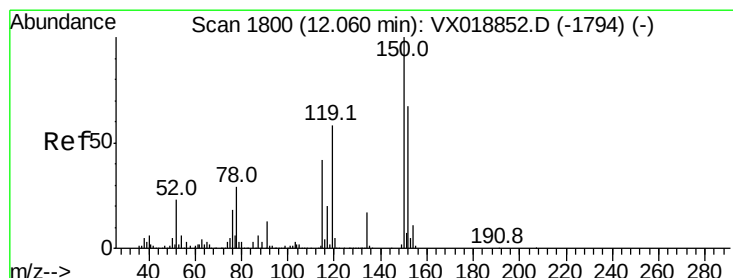
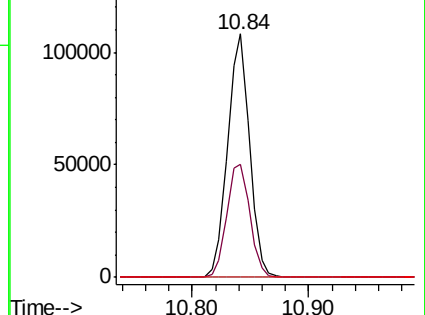
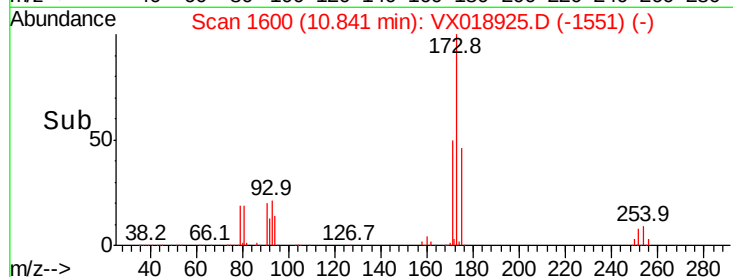
254 0.3 0.0 0.0#



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: VX018925.D

Acq: 13 Oct 2020 12:02

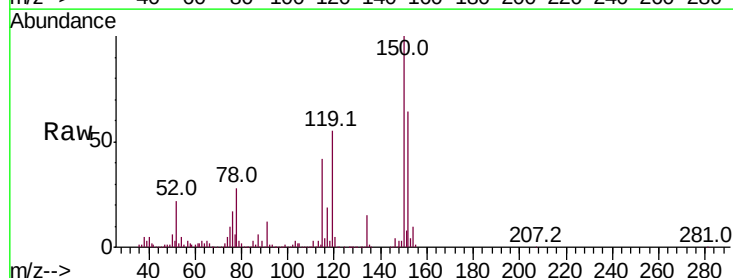
Tgt Ion:152 Resp: 203822

Ion Ratio Lower Upper

152 100

115 83.4 41.8 125.4

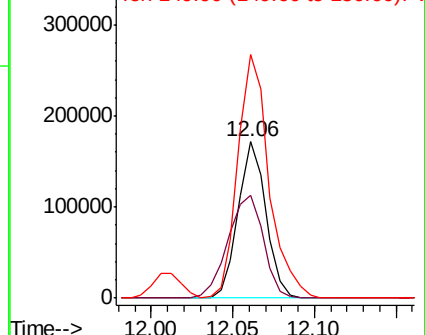
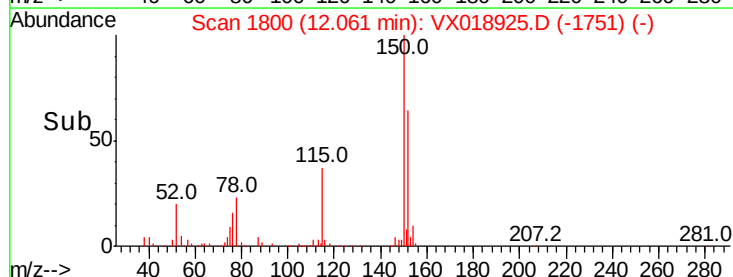
150 174.2 0.0 347.6

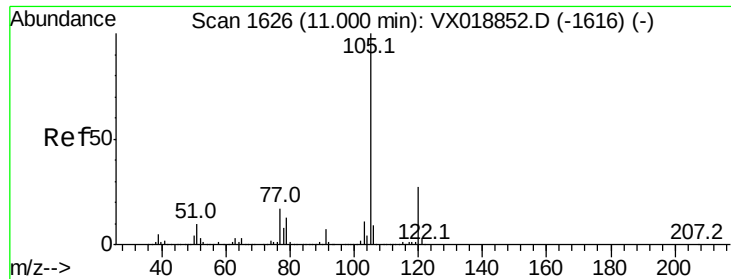


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.016 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

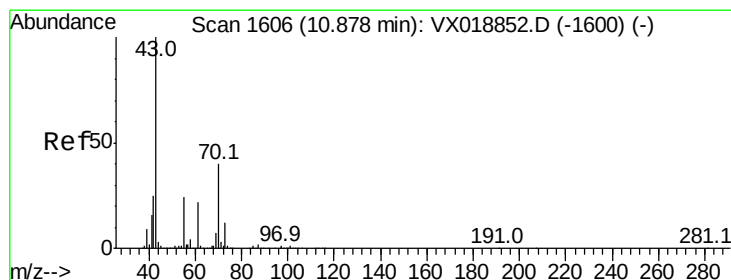
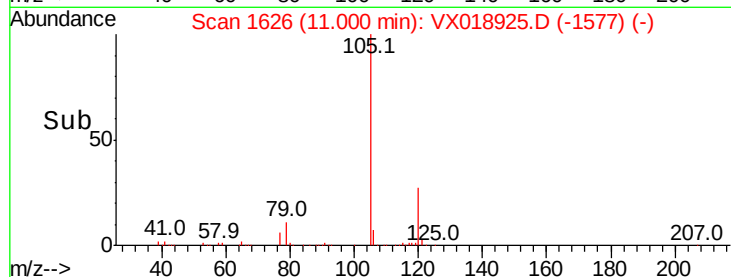
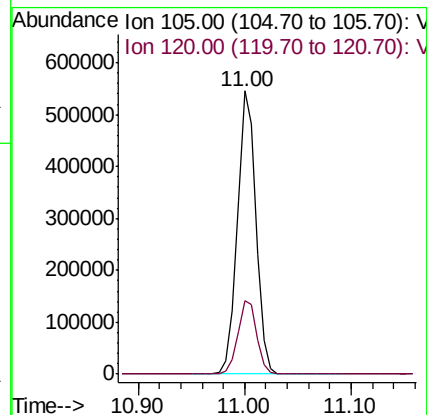
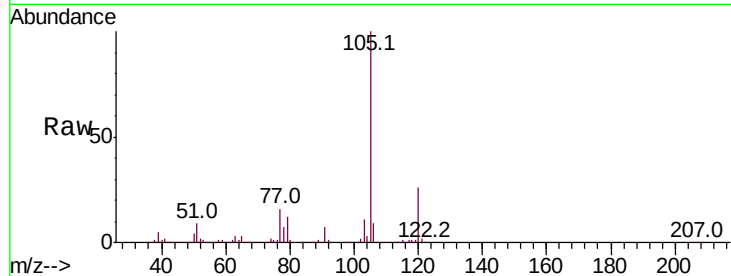
VSTDCCC050

Tot Ion:105 Resp: 666870

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 55.968 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Tgt Ion: 43 Resp: 295240

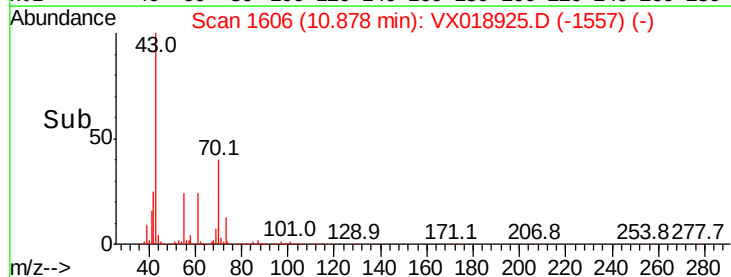
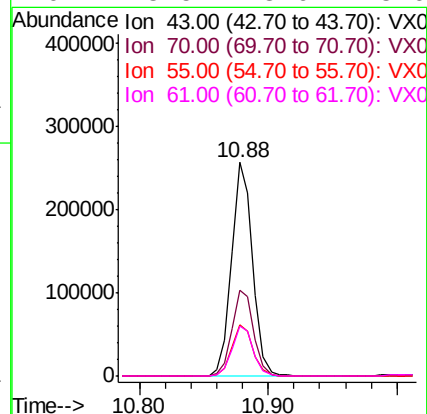
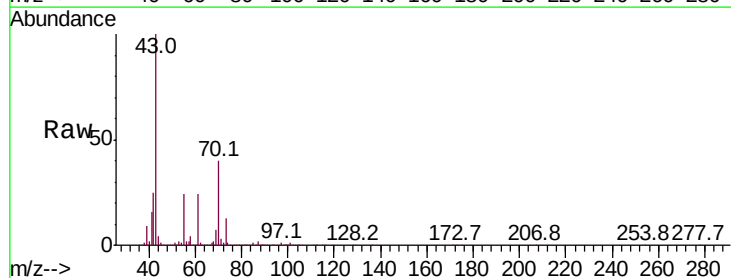
Ion Ratio Lower Upper

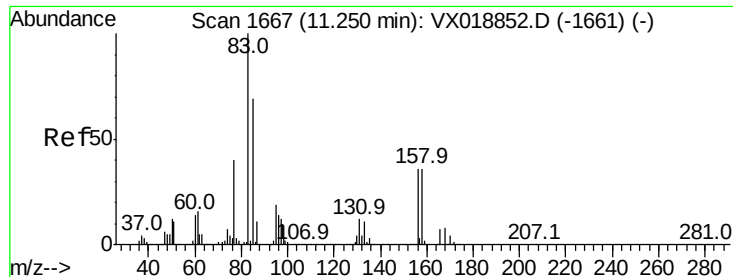
43 100

70 41.2 33.7 50.5

55 24.5 19.8 29.8

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.821 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

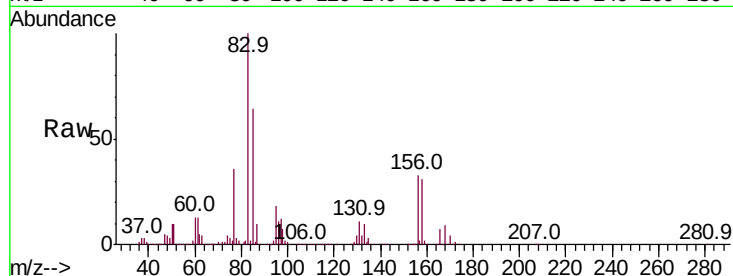
Tot Ion: 83 Resp: 212514

Ion Ratio Lower Upper

83 100

131 11.1 5.9 17.8

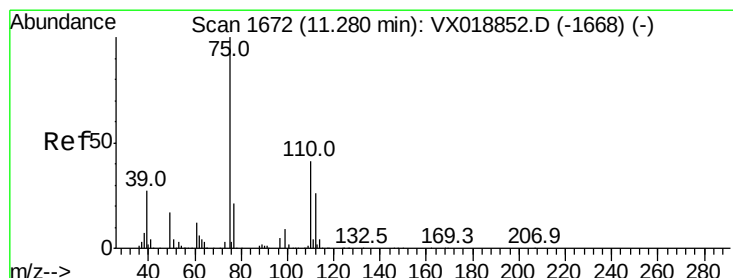
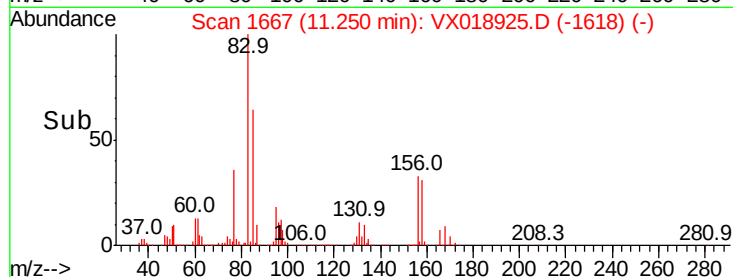
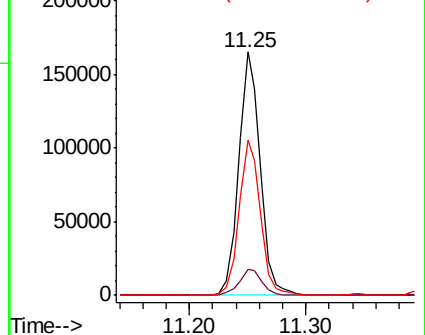
85 63.5 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.944 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018925.D

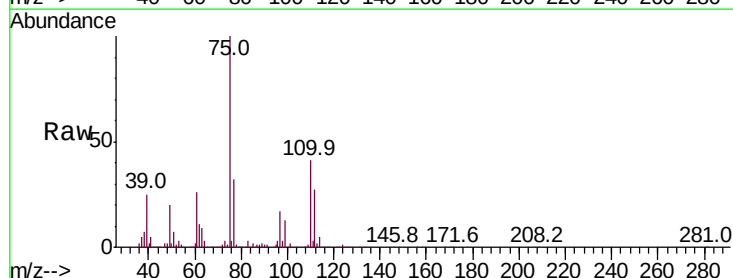
Acq: 13 Oct 2020 12:02

Tgt Ion: 75 Resp: 267649

Ion Ratio Lower Upper

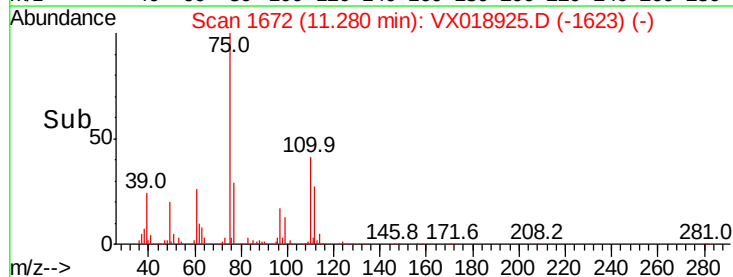
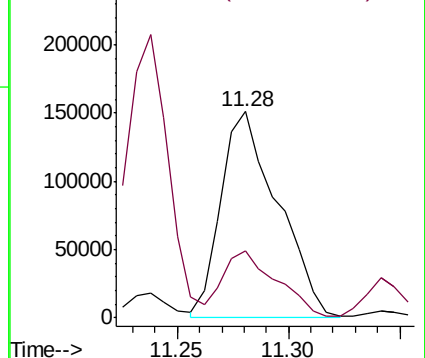
75 100

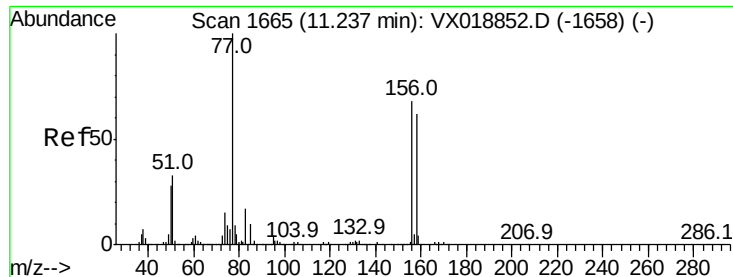
77 30.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.459 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

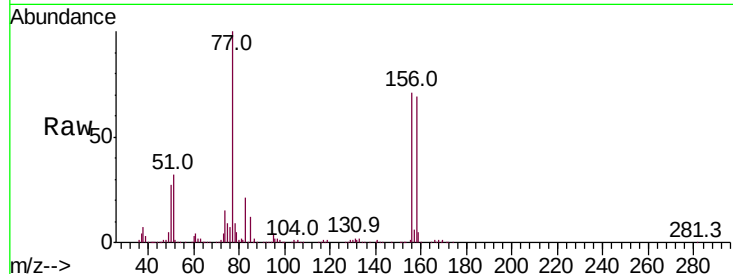
Tot Ion:156 Resp: 188472

Ion Ratio Lower Upper

156 100

77 144.8 76.0 228.1

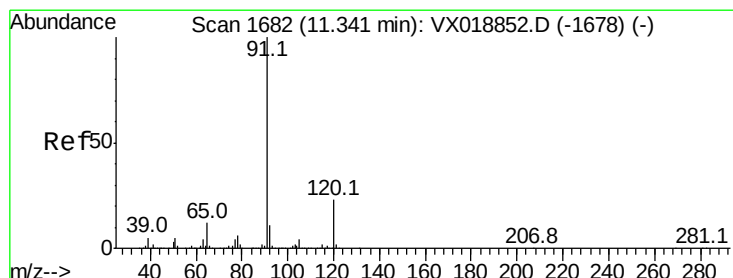
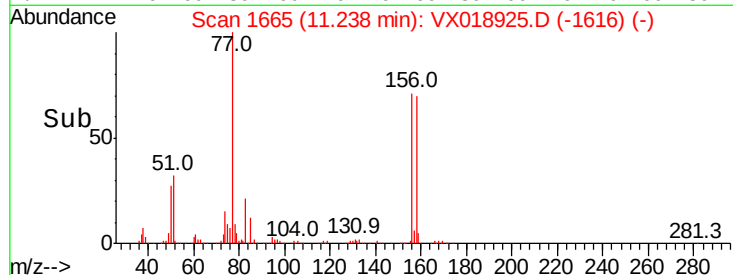
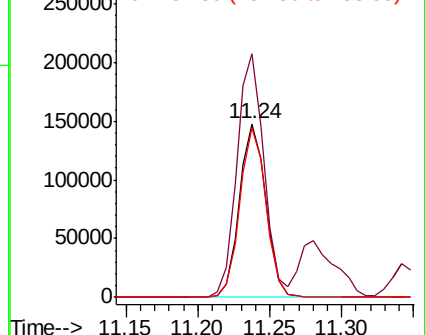
158 96.5 47.2 141.6



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: 53.273 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018925.D

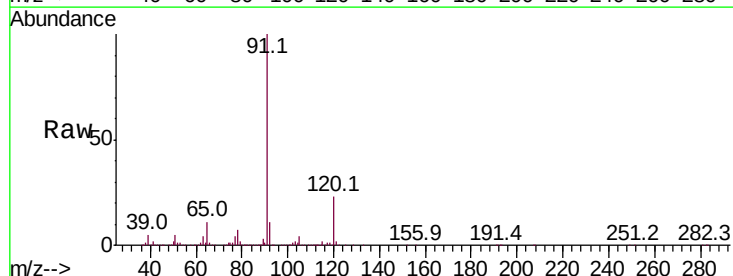
Acq: 13 Oct 2020 12:02

Tgt Ion: 91 Resp: 809366

Ion Ratio Lower Upper

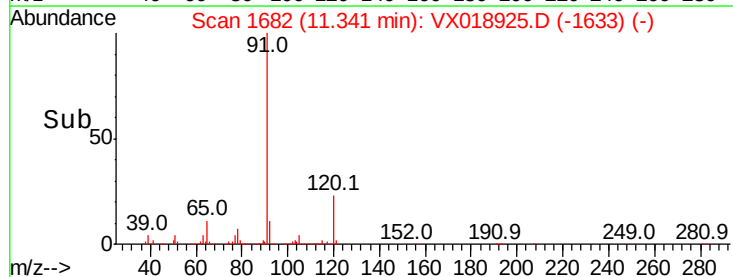
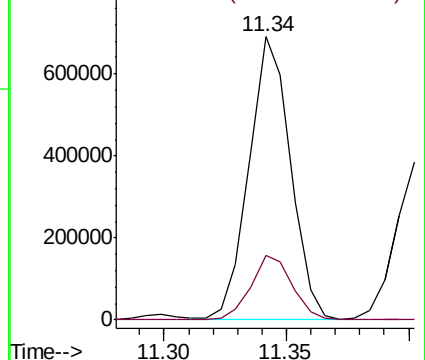
91 100

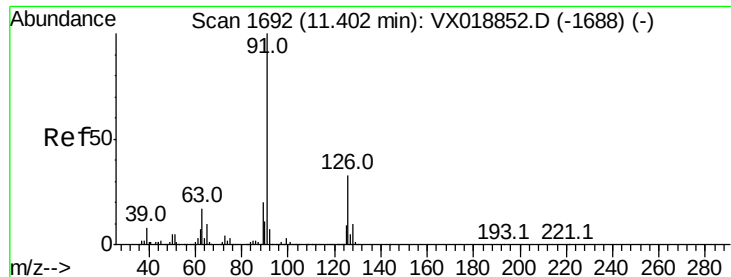
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.285 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

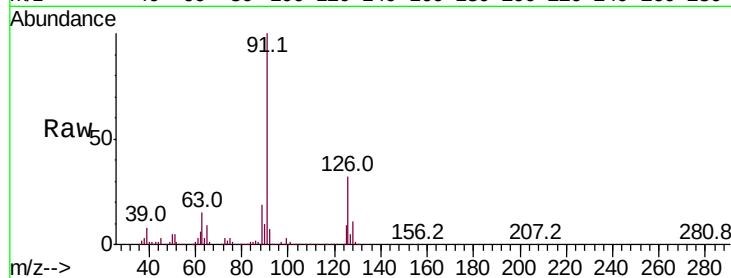
VSTDCCC050

Tot Ion: 91 Resp: 485689

Ion Ratio Lower Upper

91 100

126 33.6 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1688) (-)

800000

600000

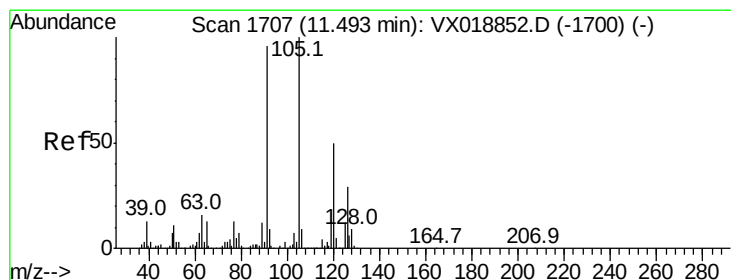
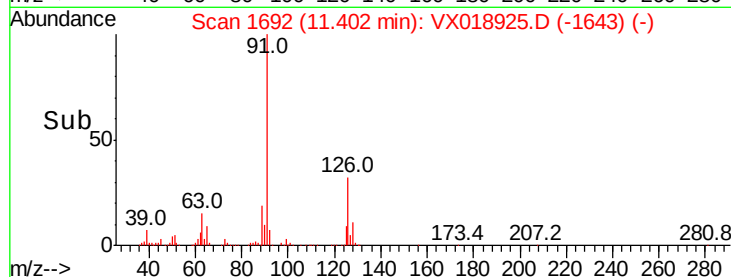
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.336 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018925.D

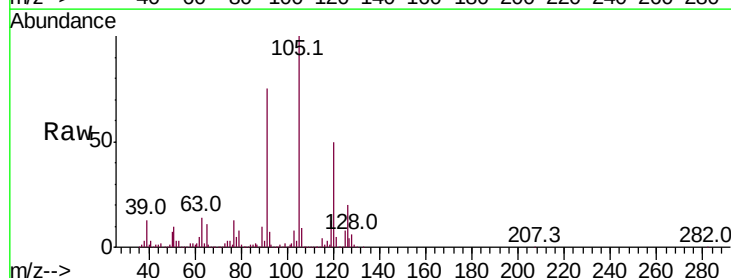
Acq: 13 Oct 2020 12:02

Tgt Ion: 105 Resp: 596882

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018852.D (-1700) (-)

500000

400000

300000

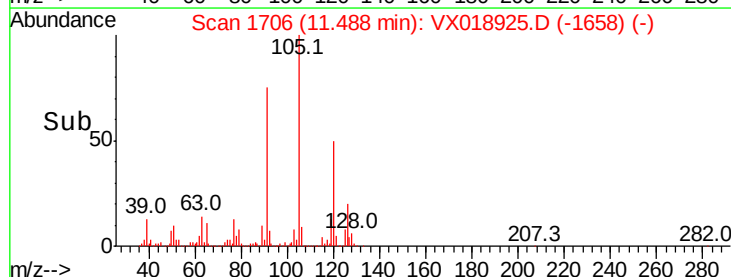
200000

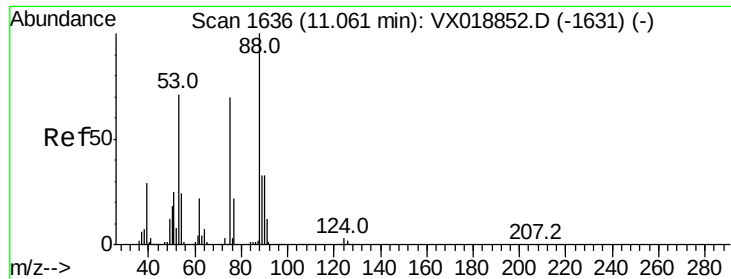
100000

0

11.40 11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.255 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

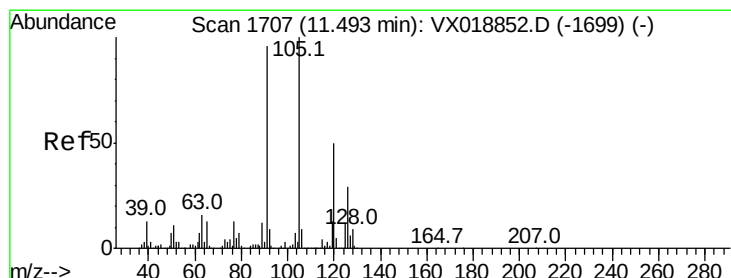
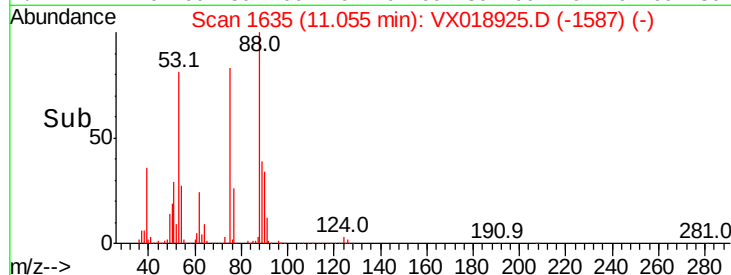
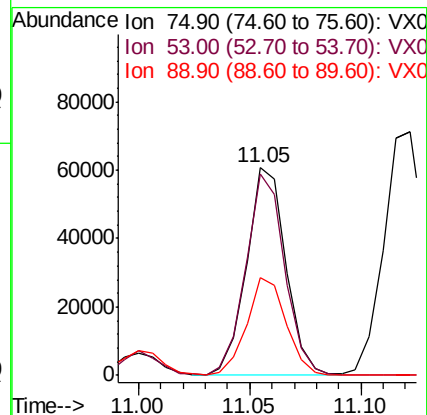
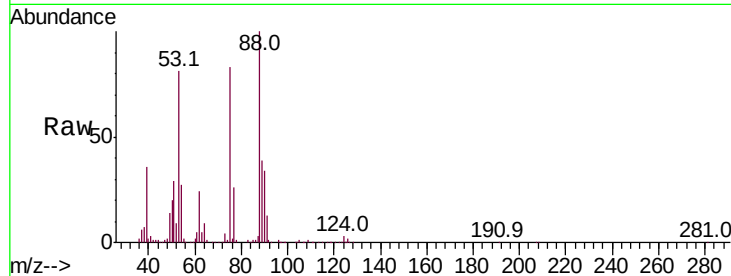
Tot Ion: 75 Resp: 74780

Ion Ratio Lower Upper

75 100

53 95.8 85.0 127.4

89 47.3 39.0 58.4



#82

4-Chlorotoluene

Concen: 51.841 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018925.D

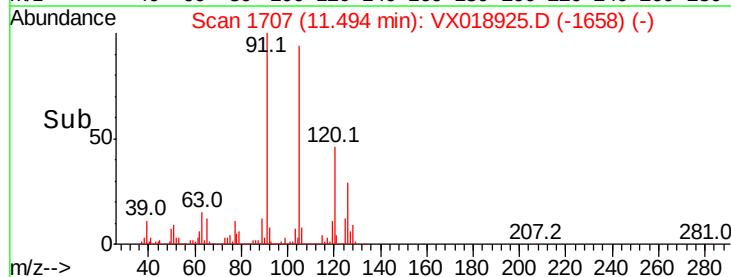
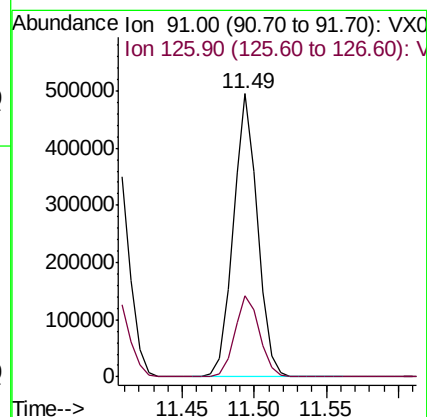
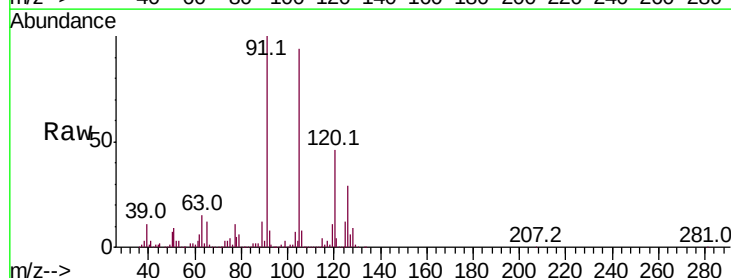
Acq: 13 Oct 2020 12:02

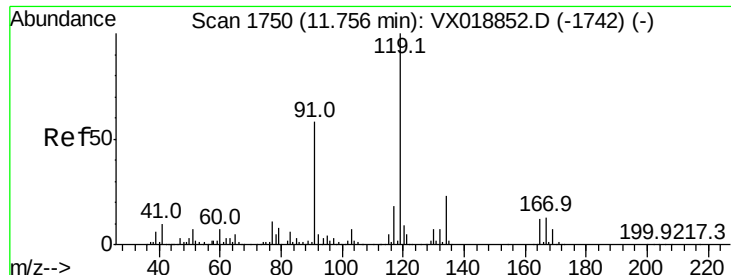
Tgt Ion: 91 Resp: 583776

Ion Ratio Lower Upper

91 100

126 29.4 14.9 44.7

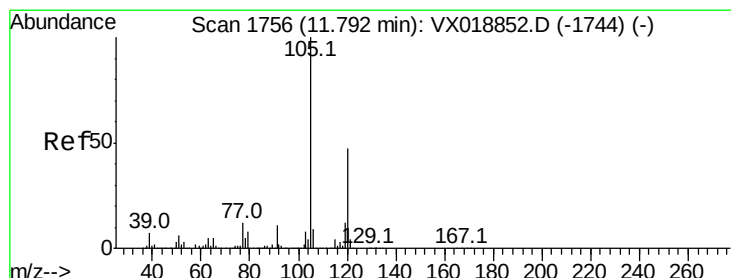
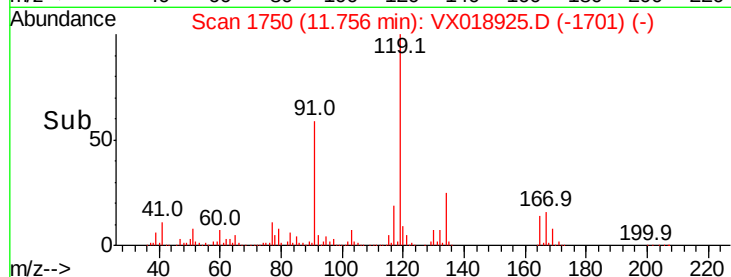
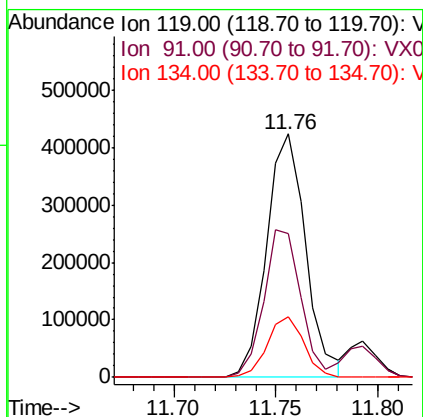
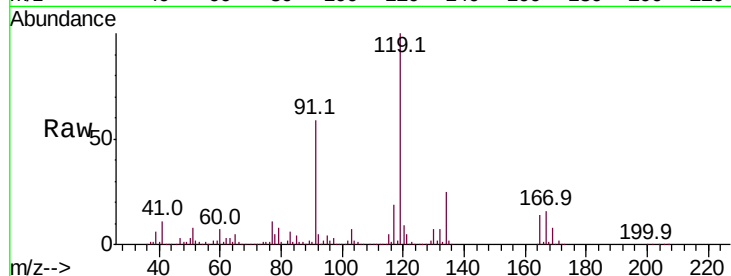




#83
 tert-Butylbenzene
 Concen: 49.475 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

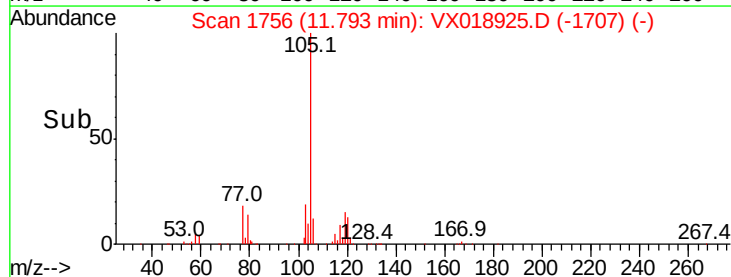
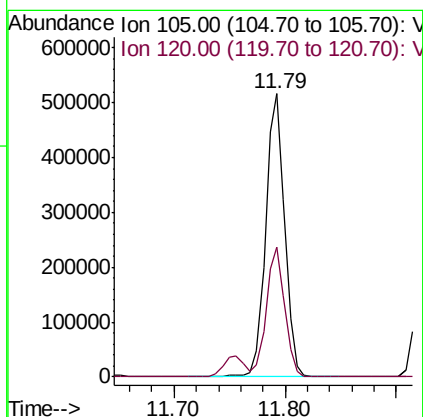
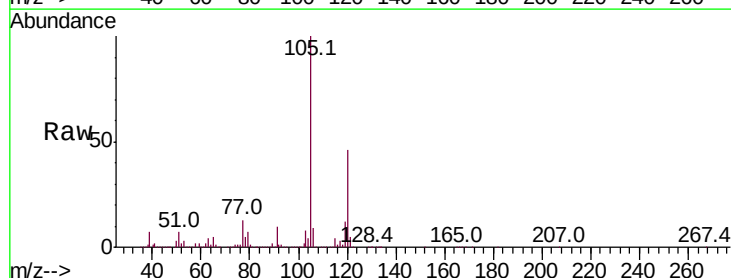
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

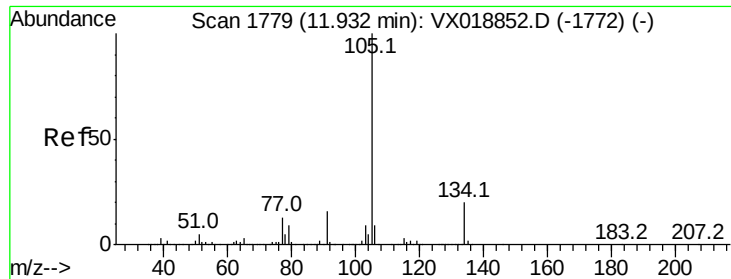
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.6	85.9
134	23.5	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.187 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 52.812 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

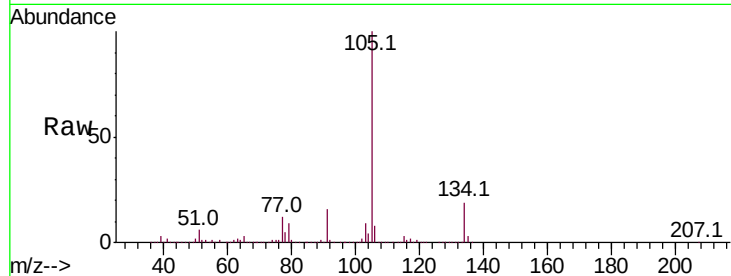
VSTDCCC050

Tot Ion:105 Resp: 679524

Ion Ratio Lower Upper

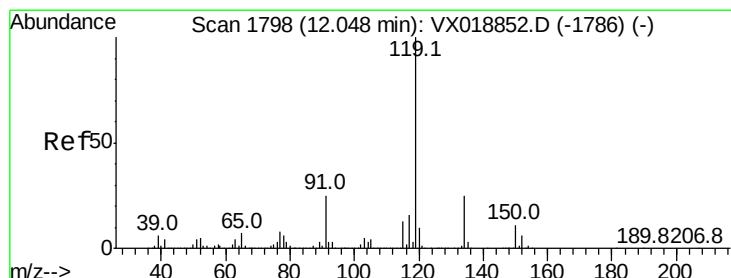
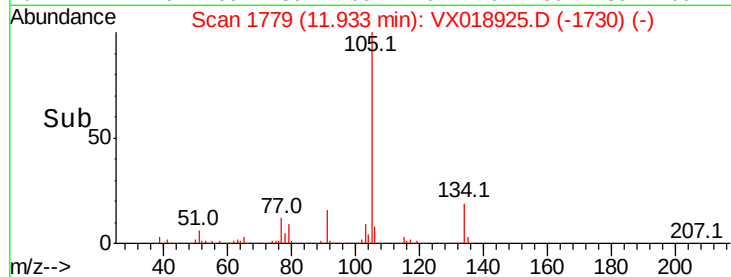
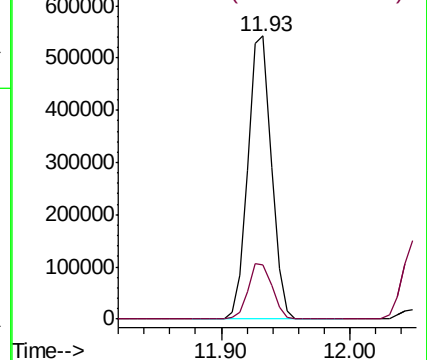
105 100

134 20.1 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: 53.614 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

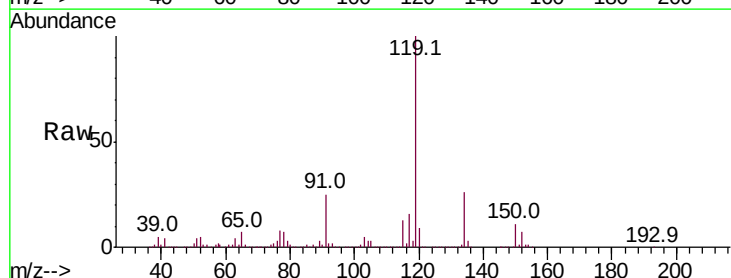
Tgt Ion:119 Resp: 654459

Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.4

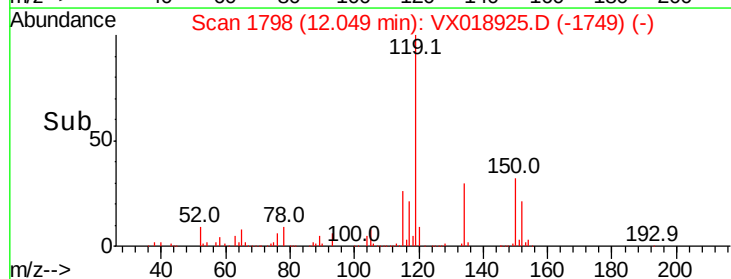
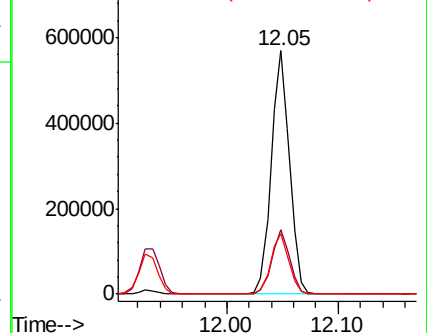
91 24.8 12.3 36.9

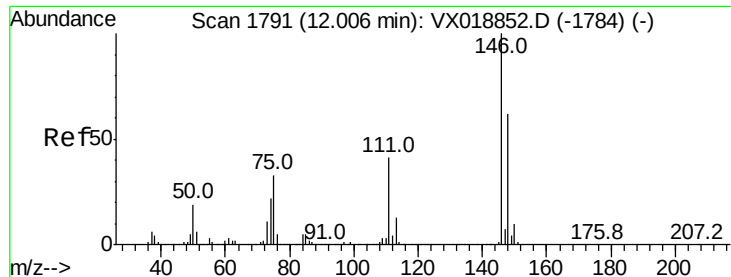


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

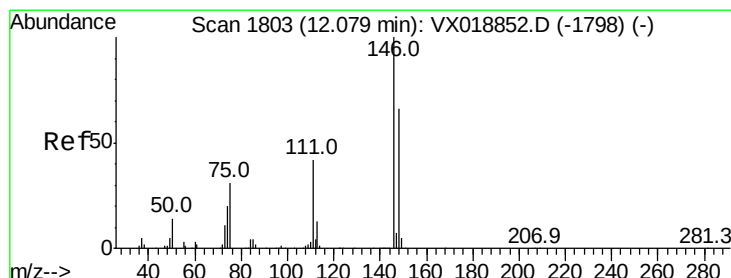
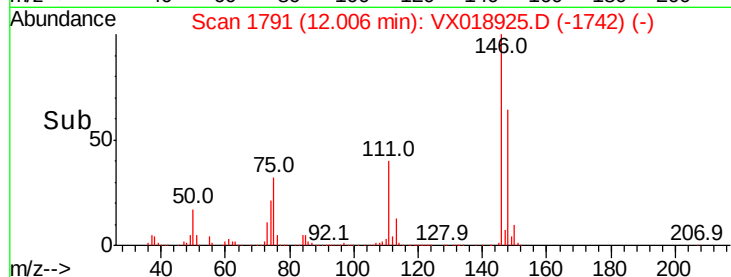
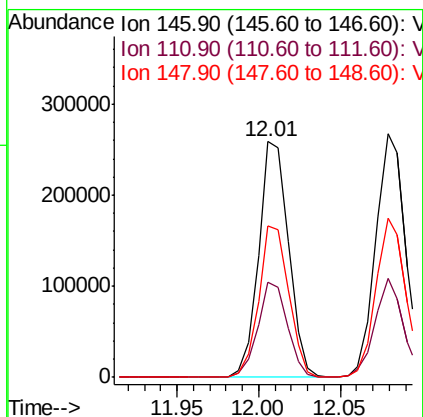
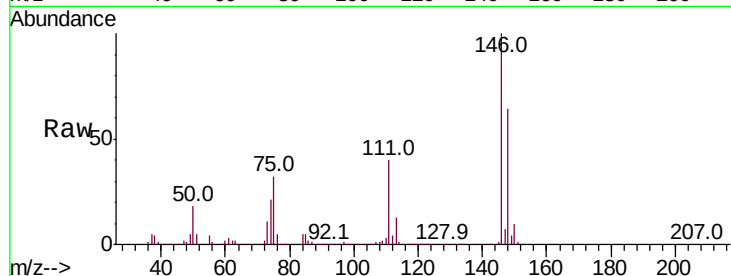




#87
 1,3-Dichlorobenzene
 Concen: 49.022 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

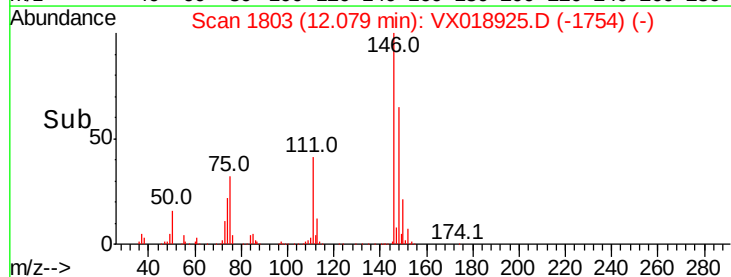
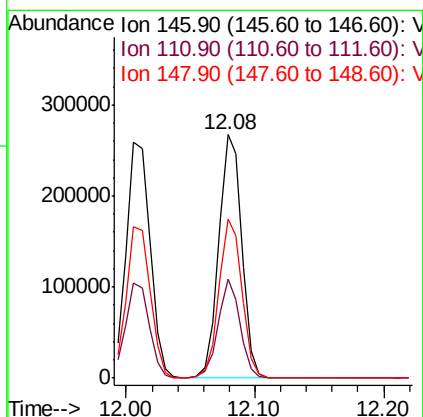
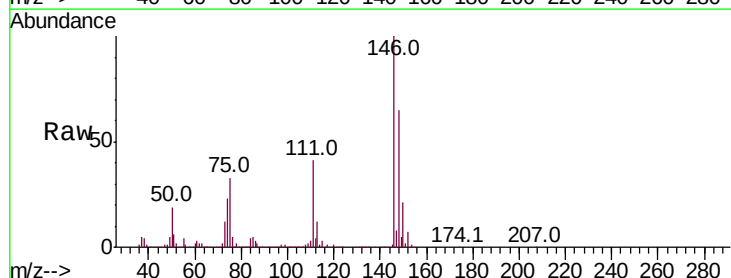
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

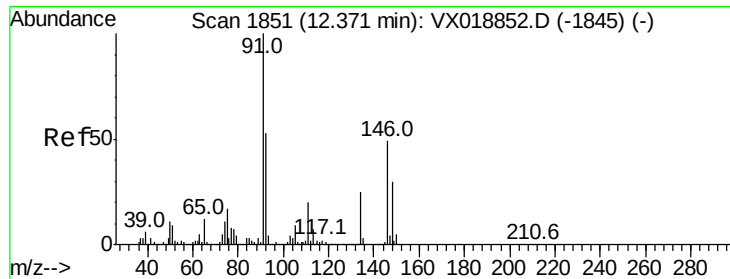
Tot Ion:146 Resp: 329743
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 64.5 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 49.504 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018925.D
 Acq: 13 Oct 2020 12:02

Tgt Ion:146 Resp: 337288
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.5 61.5
 148 64.9 32.2 96.6

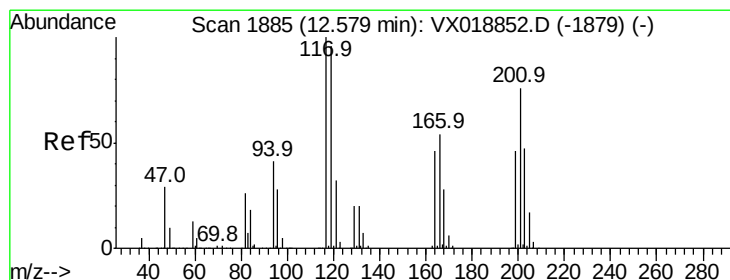
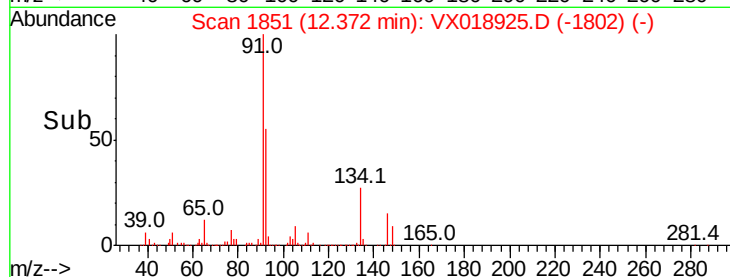
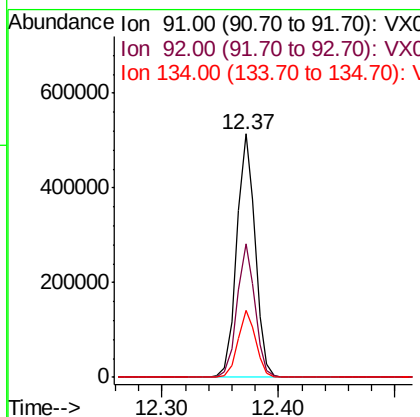
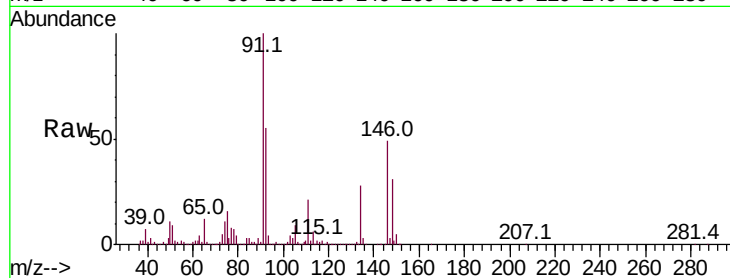




#89
n-Butylbenzene
Concen: 53.297 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

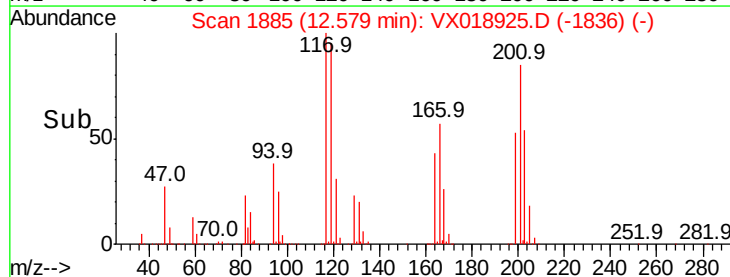
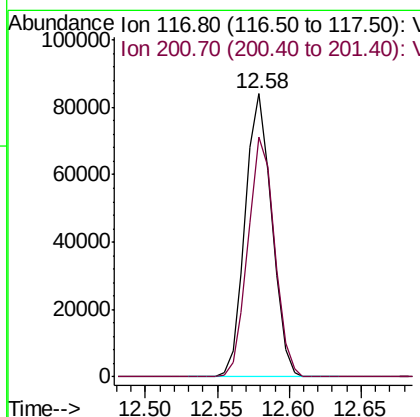
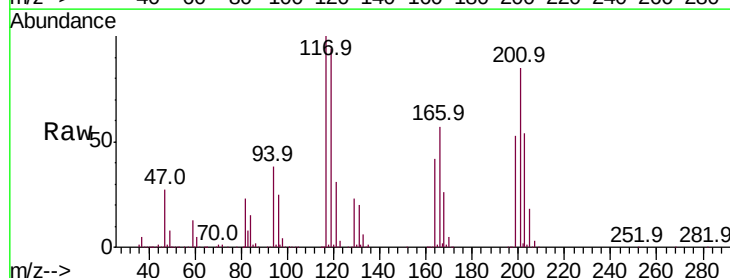
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

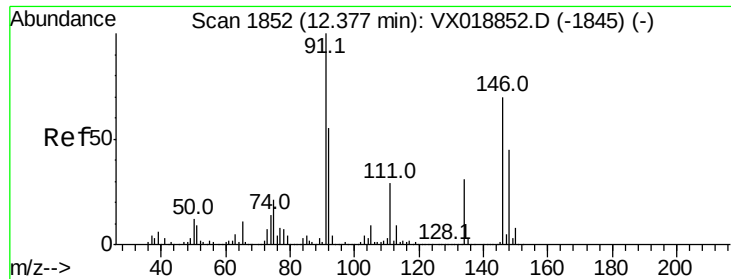
Tot Ion: 91 Resp: 565276
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 47.315 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion: 117 Resp: 107374
Ion Ratio Lower Upper
117 100
201 84.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.404 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

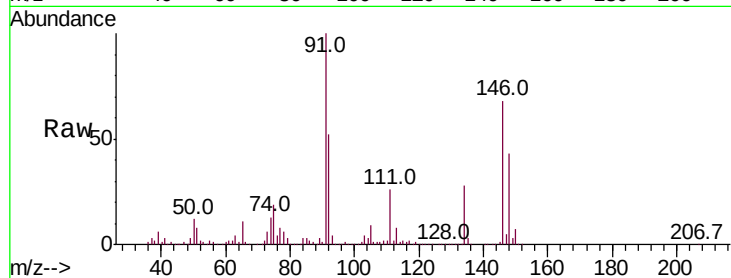
Tot Ion:146 Resp: 322726

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

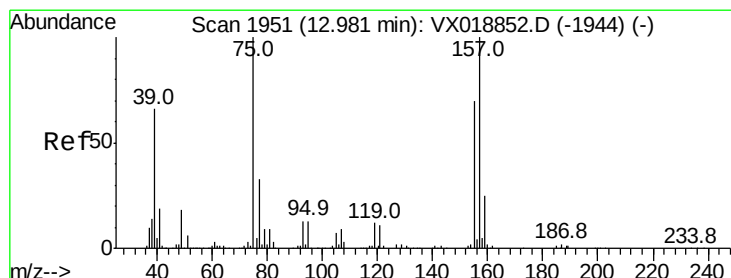
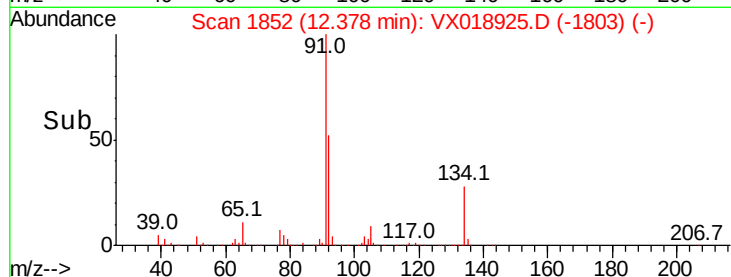
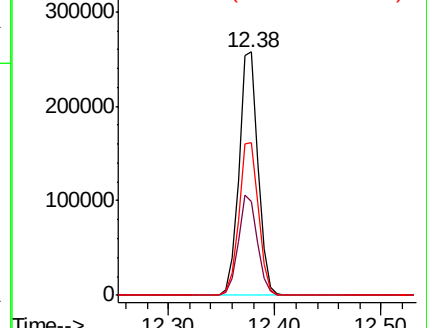
148 64.6 31.1 93.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.604 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

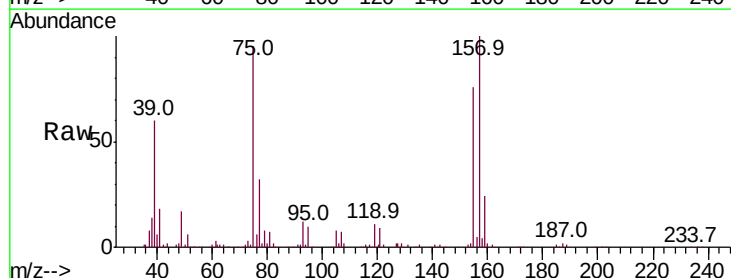
Tgt Ion: 75 Resp: 51831

Ion Ratio Lower Upper

75 100

155 83.6 38.0 113.9

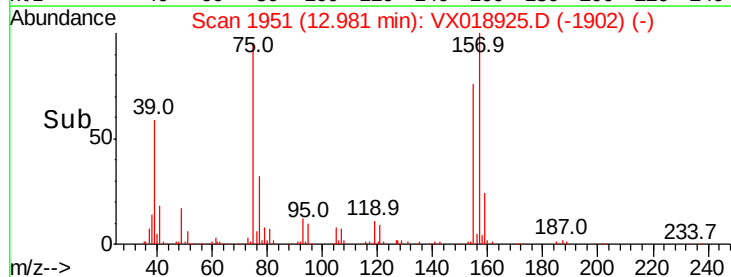
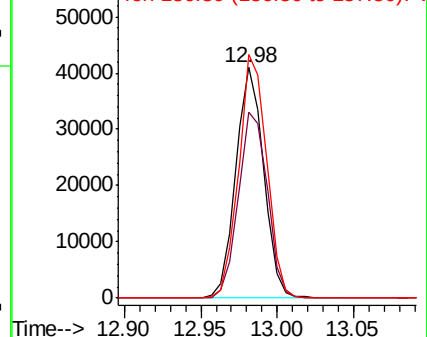
157 105.5 50.9 152.7

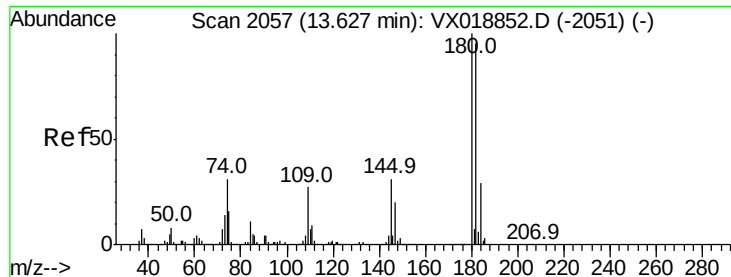


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 53.212 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

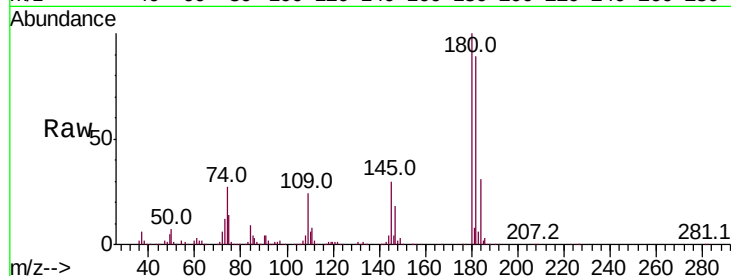
Tot Ion:180 Resp: 218576

Ion Ratio Lower Upper

180 100

182 90.0 49.1 147.3

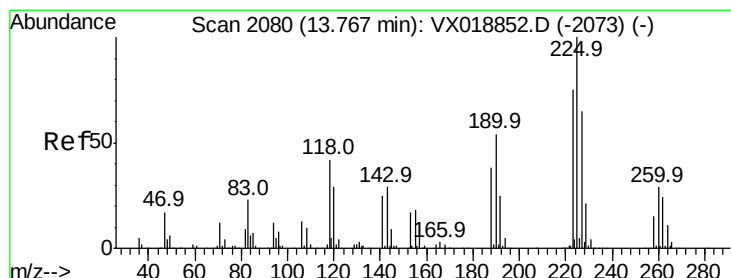
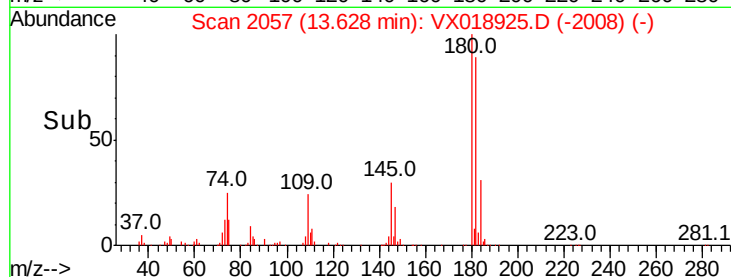
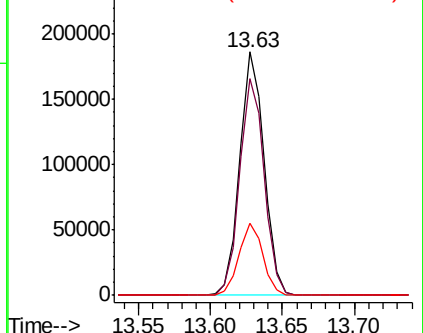
145 29.2 16.0 48.0



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: 60.794 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018925.D

Acq: 13 Oct 2020 12:02

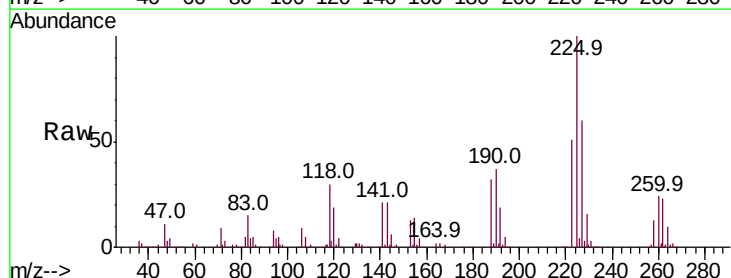
Tgt Ion:225 Resp: 110918

Ion Ratio Lower Upper

225 100

223 57.3 32.1 96.3

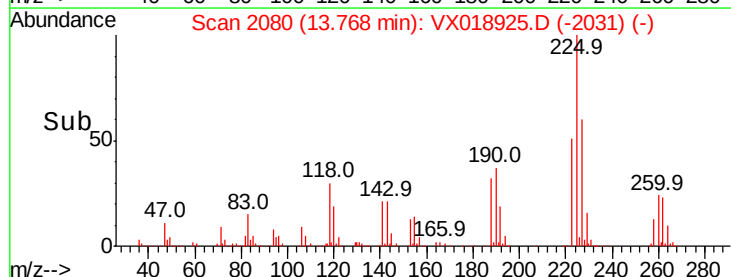
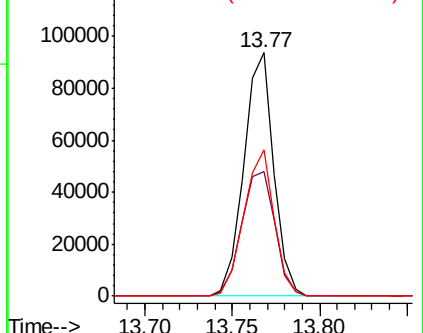
227 60.8 33.0 98.9

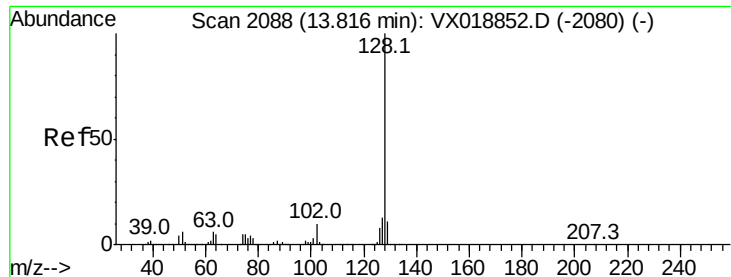


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

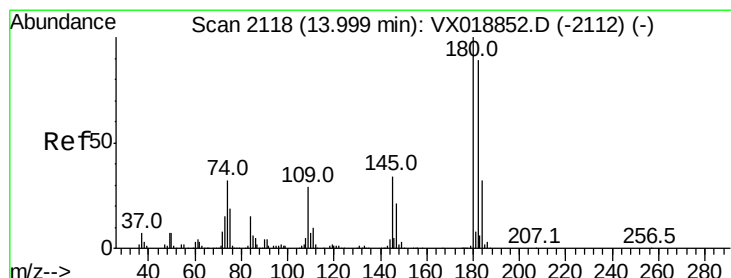
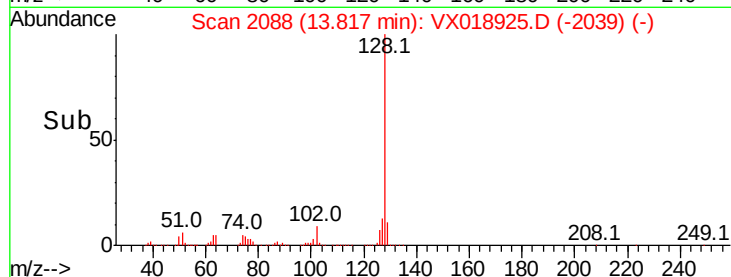
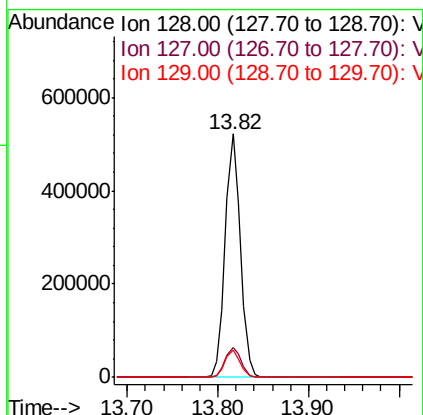
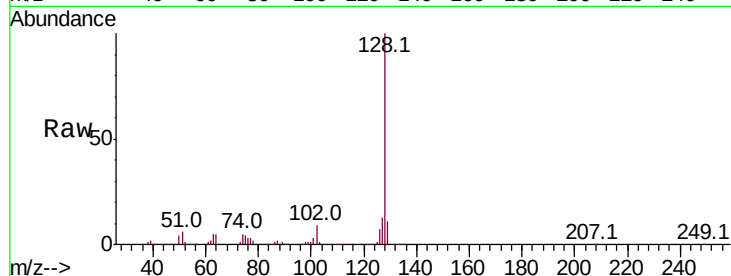




#95
Naphthalene
Concen: 44.759 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.453 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018925.D
Acq: 13 Oct 2020 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.7	143.1
145	31.7	16.7	50.0

