

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018873.D
 Acq On : 09 Oct 2020 22:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 06:23:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	190607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	296197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	288289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161467	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	144142	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	5.47	113	104561	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	8.70	98	368252	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	150243	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	119107	52.752	ug/l	98
3) Chloromethane	1.31	50	92939	52.023	ug/l	95
4) Vinyl Chloride	1.39	62	107184	53.673	ug/l	98
5) Bromomethane	1.63	94	64108	57.639	ug/l	98
6) Chloroethane	1.71	64	66775	49.925	ug/l	98
7) Trichlorofluoromethane	1.92	101	209431	53.205	ug/l	99
8) Diethyl Ether	2.17	74	58761	53.493	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97179	51.404	ug/l	97
10) Methyl Iodide	2.49	142	87852	44.690	ug/l	98
11) Tert butyl alcohol	3.01	59	121932	275.385	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93027	52.844	ug/l	99
13) Acrolein	2.27	56	98899	268.462	ug/l	99
14) Allyl chloride	2.71	41	167659	52.531	ug/l	99
15) Acrylonitrile	3.12	53	254556	271.080	ug/l	100
16) Acetone	2.42	43	258439	243.414	ug/l	98
17) Carbon Disulfide	2.55	76	261357	50.633	ug/l	99
18) Methyl Acetate	2.75	43	124145	53.123	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	320174	54.247	ug/l	98
20) Methylene Chloride	2.84	84	108227	53.933	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	105743	51.791	ug/l	98
22) Diisopropyl ether	3.82	45	307583	53.848	ug/l	91
23) Vinyl Acetate	3.78	43	1535753	279.556	ug/l	100
24) 1,1-Dichloroethane	3.67	63	195776	50.978	ug/l	100
25) 2-Butanone	4.64	43	393718	258.568	ug/l	99
26) 2,2-Dichloropropane	4.56	77	165777	44.739	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	115186	50.802	ug/l	99
28) Bromochloromethane	4.98	49	84830	50.013	ug/l	98
29) Tetrahydrofuran	5.09	42	226924	277.768	ug/l	99
30) Chloroform	5.18	83	215881	51.021	ug/l	98
31) Cyclohexane	5.55	56	140391	53.467	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	204097	50.758	ug/l	100
36) 1,1-Dichloropropene	5.77	75	148824	47.789	ug/l	99
37) Ethyl Acetate	4.79	43	159613	53.074	ug/l	98
38) Carbon Tetrachloride	5.75	117	194628	50.423	ug/l	99

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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)
39) Methylcyclohexane	7.44	83	144673	50.395	ug/l	96
40) Benzene	6.11	78	415720	49.687	ug/l	100
41) Methacrylonitrile	5.00	41	88630	50.802	ug/l	98
42) 1,2-Dichloroethane	6.16	62	193662	49.372	ug/l	99
43) Isopropyl Acetate	6.41	43	257074	51.436	ug/l	99
44) Trichloroethene	7.19	130	121807	48.545	ug/l	100
45) 1,2-Dichloropropane	7.49	63	109213	49.332	ug/l	96
46) Dibromomethane	7.64	93	81151	49.603	ug/l	99
47) Bromodichloromethane	7.87	83	174820	49.311	ug/l	95
48) Methyl methacrylate	7.74	41	132021	52.058	ug/l	100
49) 1,4-Dioxane	7.71	88	33436	940.284	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	811274	278.110	ug/l	99
52) Toluene	8.77	92	275381	51.288	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	185093	50.421	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	189730	50.242	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	114631	49.703	ug/l	97
56) Ethyl methacrylate	9.16	69	166974	49.619	ug/l	99
57) 1,3-Dichloropropane	9.35	76	192263	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	450159	269.776	ug/l	100
59) 2-Hexanone	9.47	43	614409	276.450	ug/l	100
60) Dibromochloromethane	9.57	129	141128	48.747	ug/l	99
61) 1,2-Dibromoethane	9.65	107	126339	51.083	ug/l	99
64) Tetrachloroethene	9.32	164	110149	52.384	ug/l	91
65) Chlorobenzene	10.12	112	311142	49.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	128095	49.838	ug/l	97
67) Ethyl Benzene	10.23	91	535624	50.963	ug/l	99
68) m/p-Xylenes	10.34	106	407908	102.155	ug/l	99
69) o-Xylene	10.68	106	194925	51.813	ug/l	98
70) Styrene	10.70	104	338886	53.209	ug/l	98
71) Bromoform	10.84	173	110210	49.576	ug/l #	98
73) Isopropylbenzene	11.00	105	552260	52.285	ug/l	99
74) N-amyl acetate	10.88	43	233768	55.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	173883	49.392	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	212113	60.968	ug/l	86
77) Bromobenzene	11.24	156	144064	49.652	ug/l	97
78) n-propylbenzene	11.34	91	627917	52.171	ug/l	99
79) 2-Chlorotoluene	11.40	91	385268	51.352	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	472278	52.273	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	60695	49.440	ug/l	96
82) 4-Chlorotoluene	11.49	91	456666	51.191	ug/l	99
83) tert-Butylbenzene	11.76	119	466365	51.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	490748	53.433	ug/l	98
85) sec-Butylbenzene	11.93	105	533904	52.379	ug/l	100
86) p-Isopropyltoluene	12.05	119	505701	52.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	253071	47.493	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	267378	49.537	ug/l	98
89) n-Butylbenzene	12.37	91	427157	50.839	ug/l	100
90) Hexachloroethane	12.58	117	86625	48.185	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	247947	48.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43957	48.821	ug/l	99

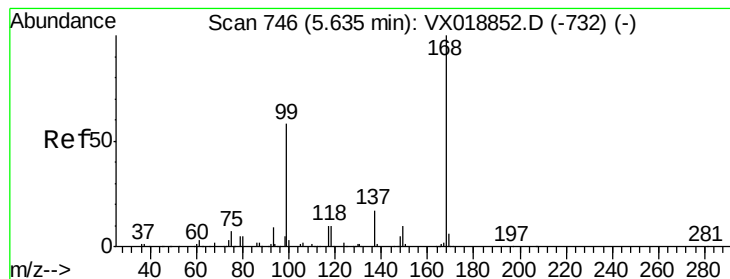
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	160196	49.230	ug/l	98
94) Hexachlorobutadiene	13.77	225	69569	48.133	ug/l	98
95) Naphthalene	13.82	128	526267	48.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	164216	51.580	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

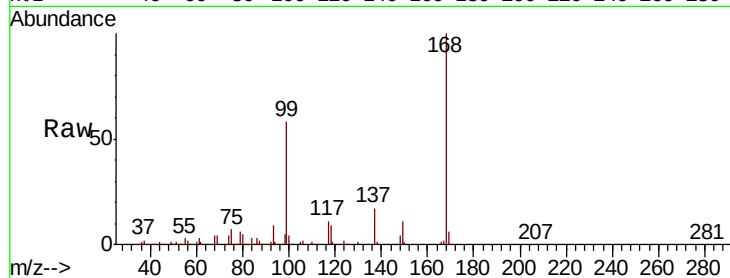
VSTDCCC050

Tot Ion:168 Resp: 190607

Ion Ratio Lower Upper

168 100

99 58.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

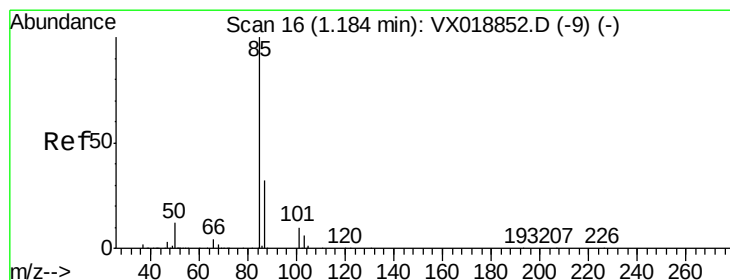
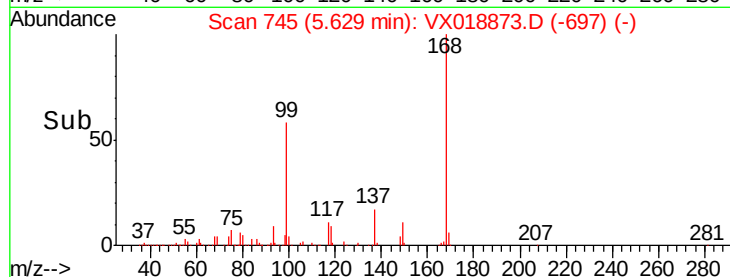
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.752 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018873.D

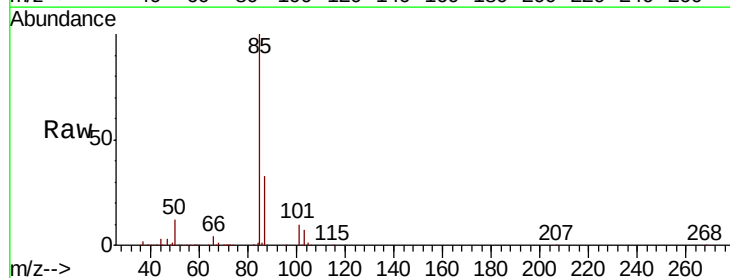
Acq: 09 Oct 2020 22:40

Tgt Ion: 85 Resp: 119107

Ion Ratio Lower Upper

85 100

87 33.1 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

150000

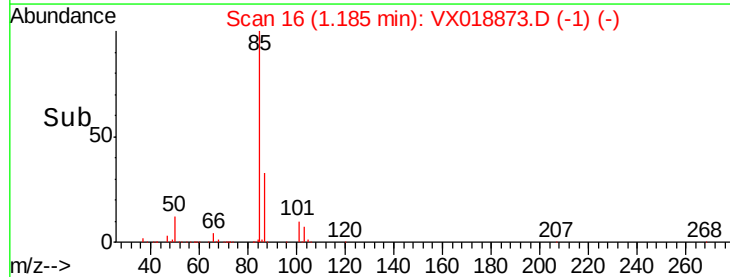
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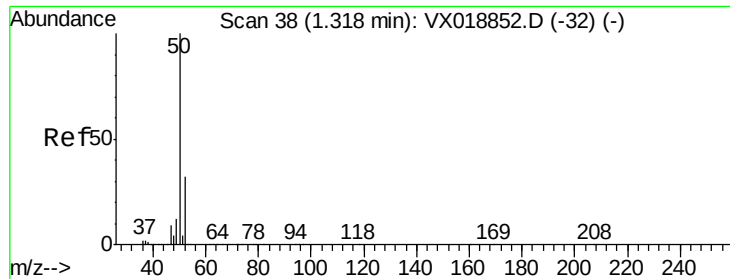
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.023 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

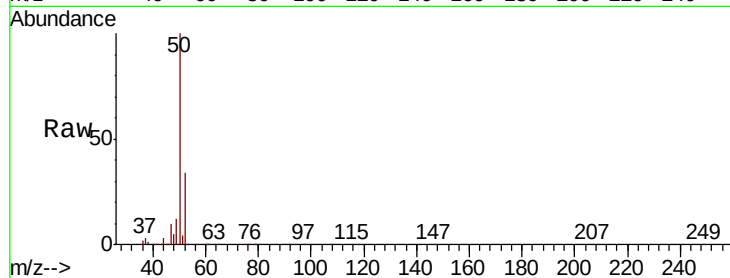
VSTDCCC050

Tot Ion: 50 Resp: 92939

Ion Ratio Lower Upper

50 100

52 34.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

100000

80000

60000

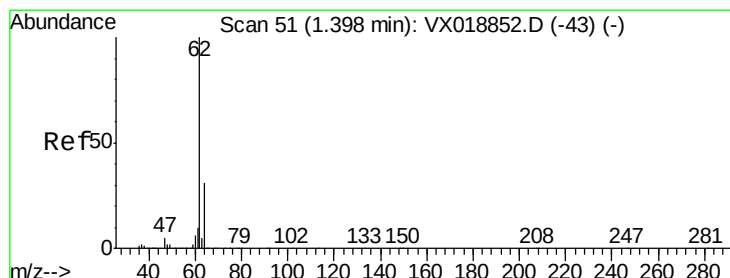
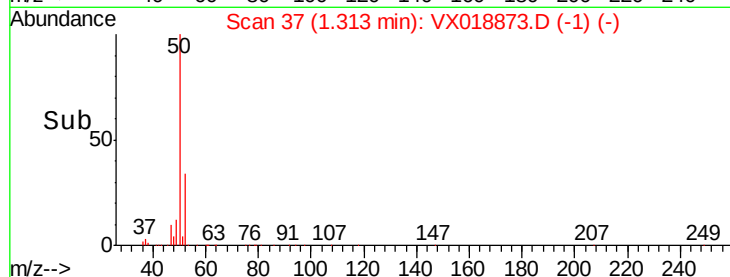
40000

20000

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Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 53.673 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018873.D

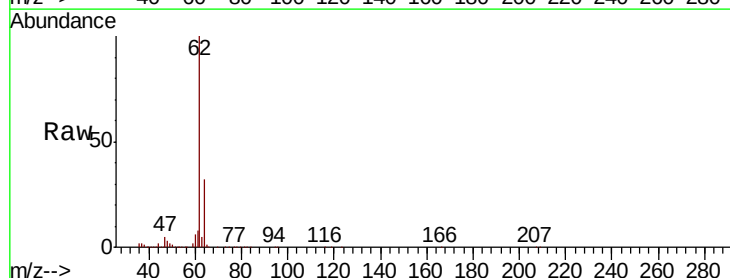
Acq: 09 Oct 2020 22:40

Tgt Ion: 62 Resp: 107184

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

120000

100000

80000

60000

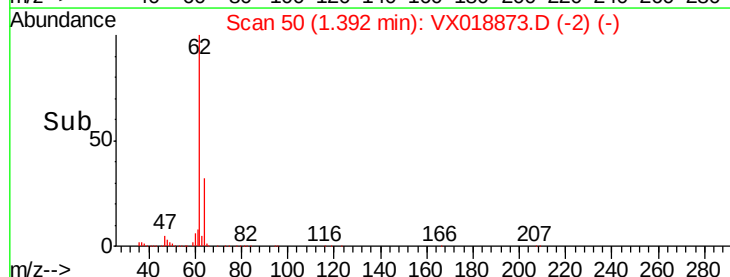
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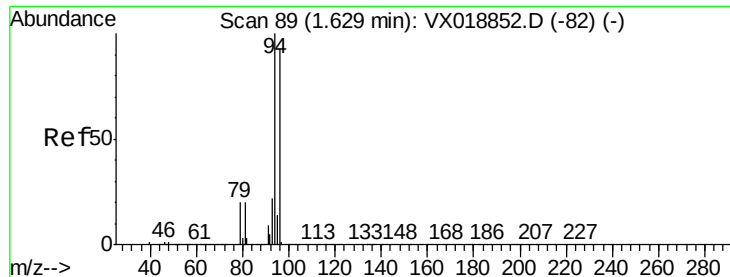
20000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 57.639 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

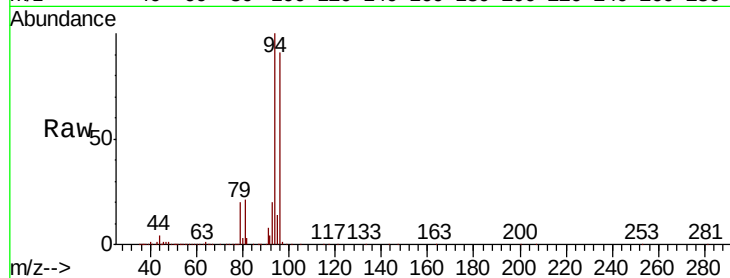
VSTDCCC050

Tot Ion: 94 Resp: 64108

Ion Ratio Lower Upper

94 100

96 91.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

60000

50000

40000

30000

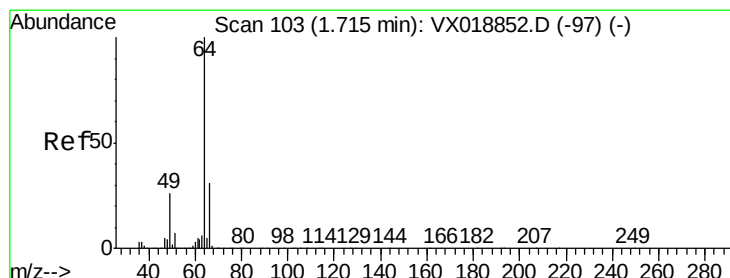
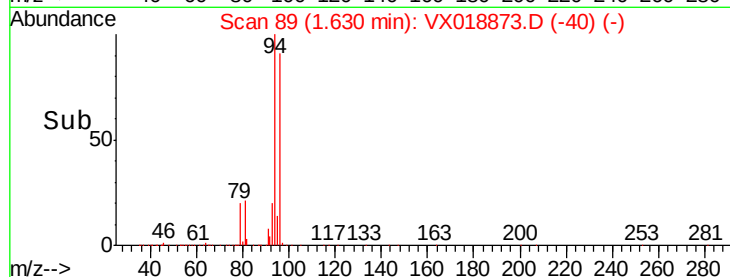
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 49.925 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018873.D

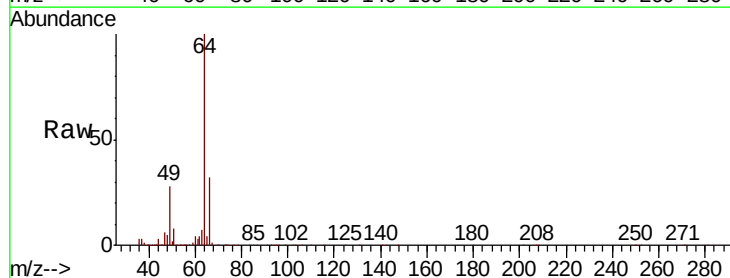
Acq: 09 Oct 2020 22:40

Tgt Ion: 64 Resp: 66775

Ion Ratio Lower Upper

64 100

66 32.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

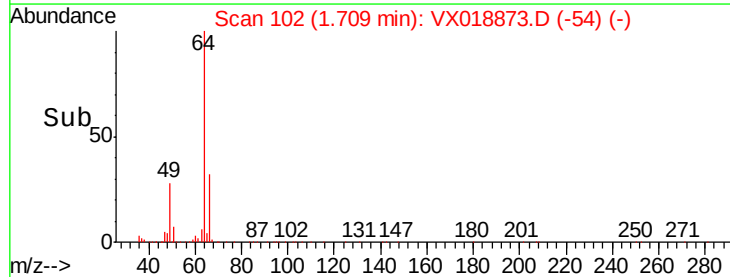
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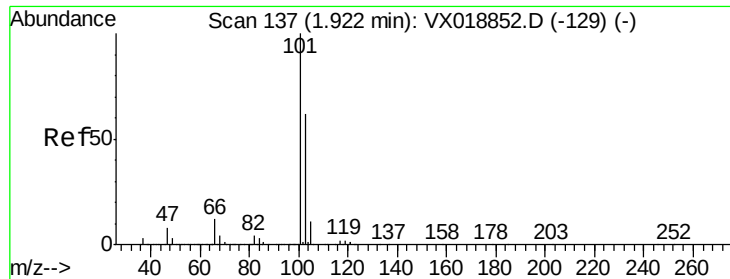
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0

Time-->

1.65 1.70 1.75 1.80



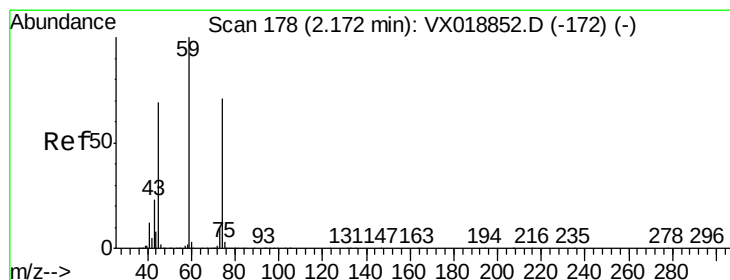
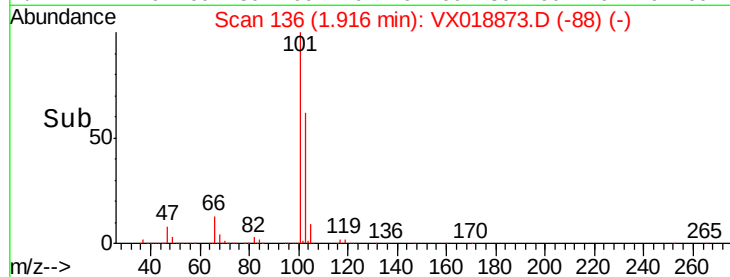
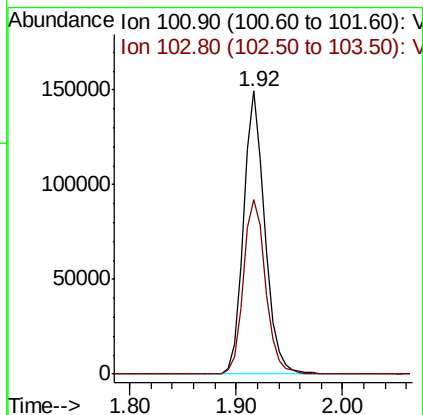
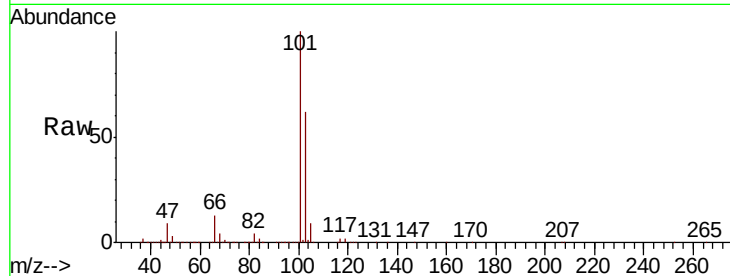


#7

Trichlorofluoromethane
 Concen: 53.205 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
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 VSTDCCC050

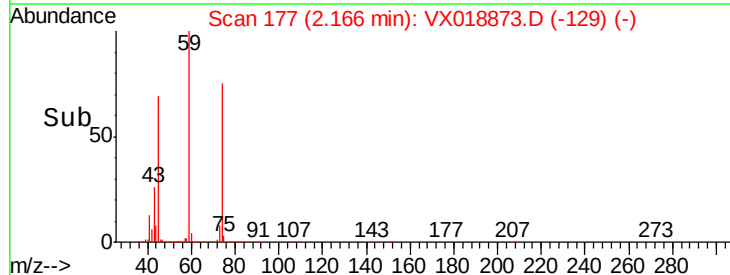
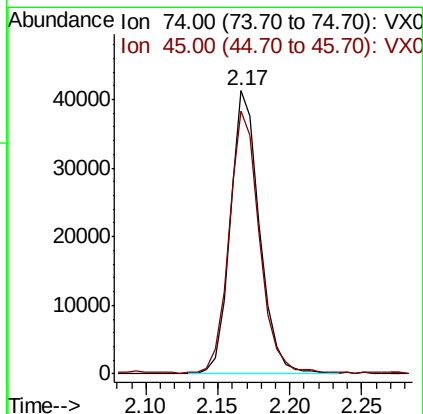
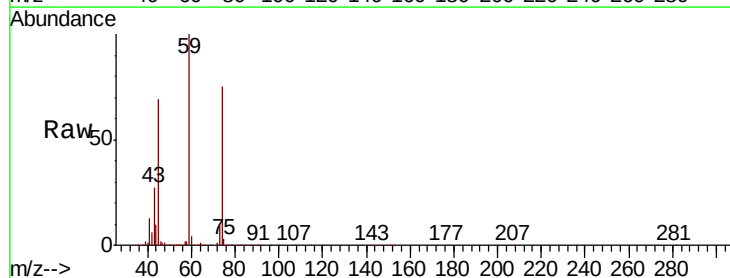
Tot Ion:101 Resp: 209431
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.0 75.0

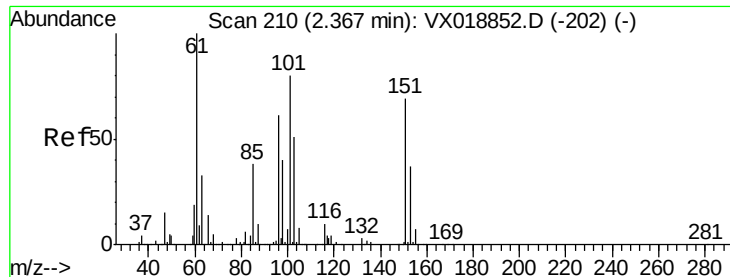


#8

Diethyl Ether
 Concen: 53.493 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 74 Resp: 58761
 Ion Ratio Lower Upper
 74 100
 45 95.8 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.404 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

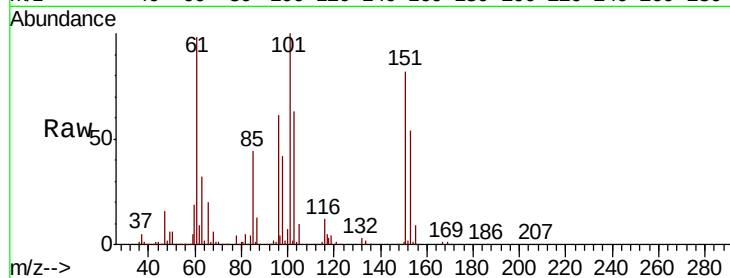
Tot Ion:101 Resp: 97179

Ion Ratio Lower Upper

101 100

85 44.9 36.6 55.0

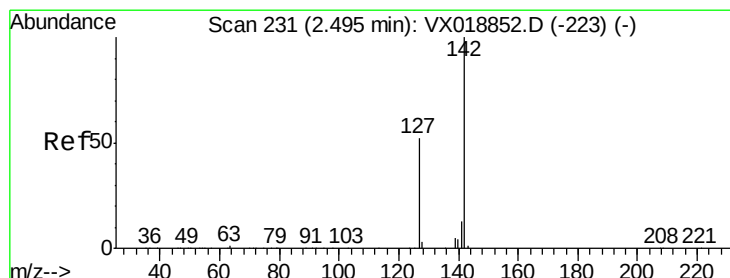
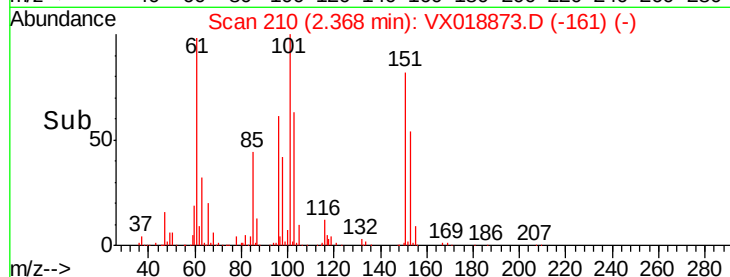
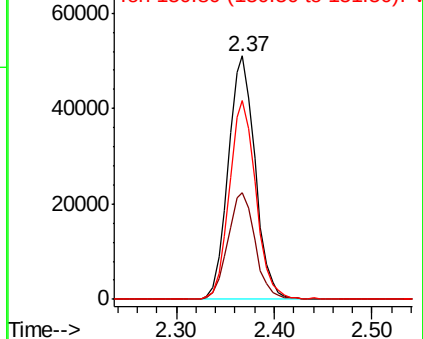
151 80.7 67.2 100.8



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: 44.690 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

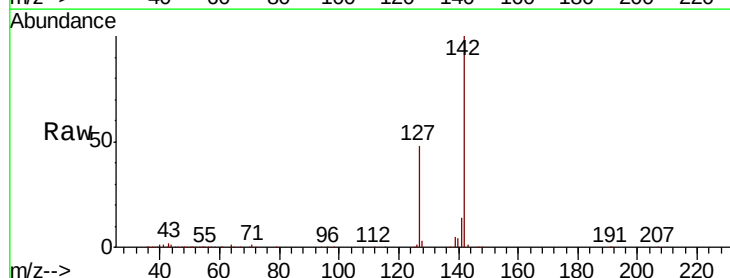
Tgt Ion:142 Resp: 87852

Ion Ratio Lower Upper

142 100

127 50.4 42.0 63.0

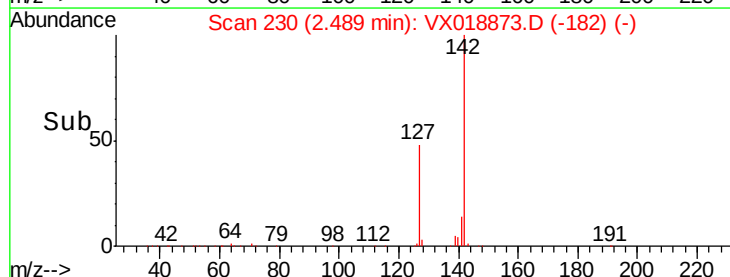
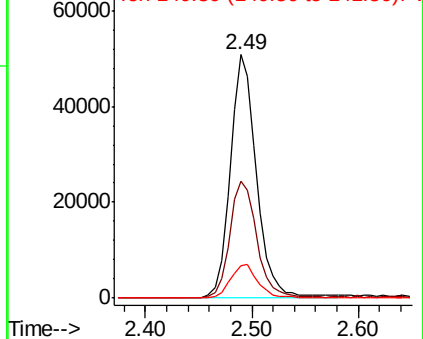
141 14.5 11.8 17.6

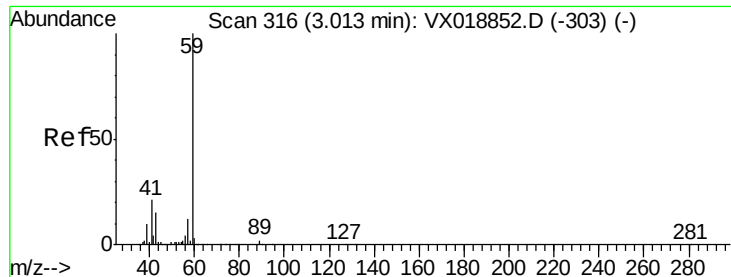


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



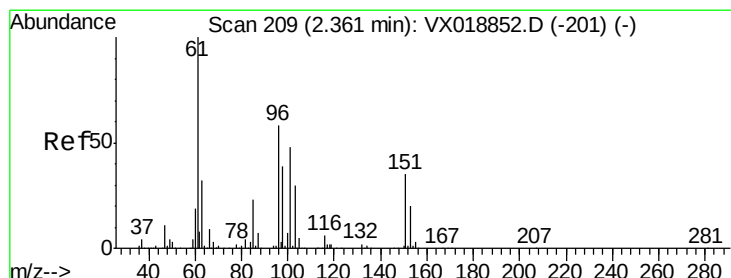
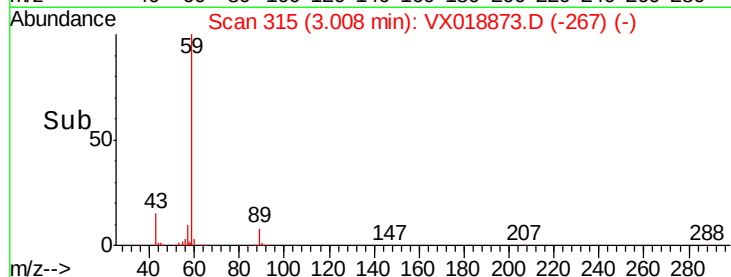
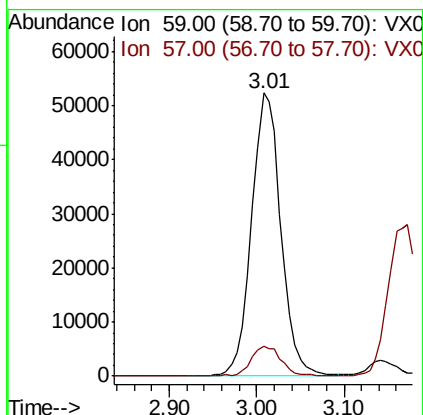
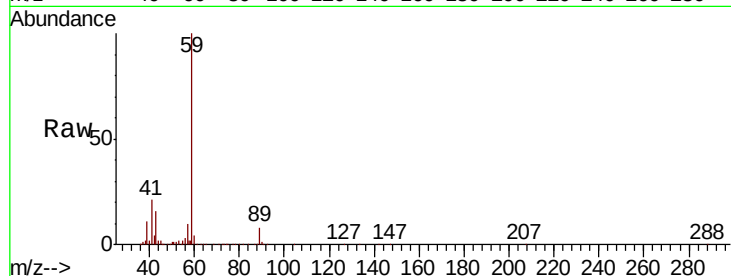


#11

Tert butyl alcohol
 Concen: 275.385 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

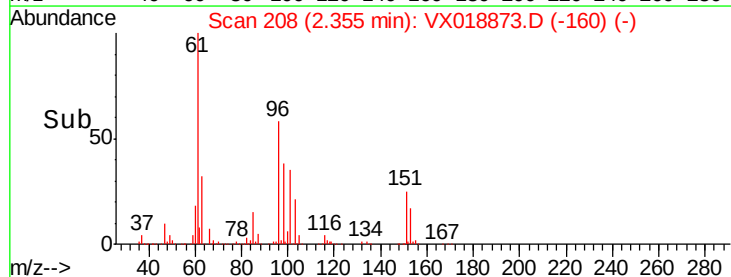
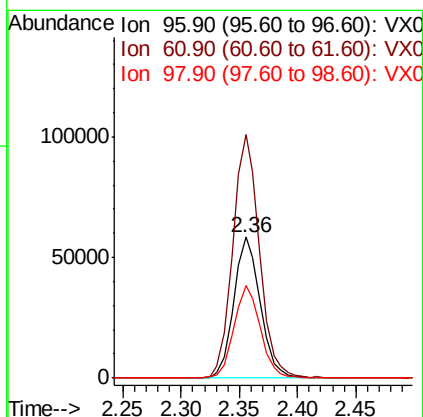
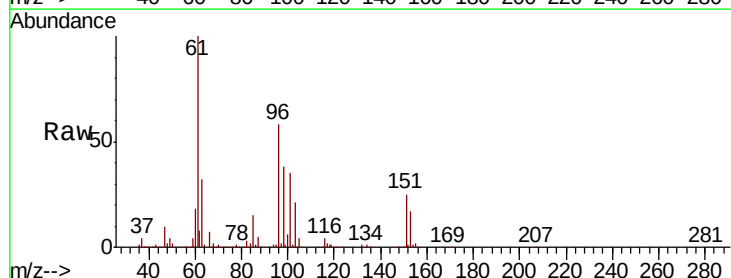
Tot Ion: 59 Resp: 121932
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.0 13.6

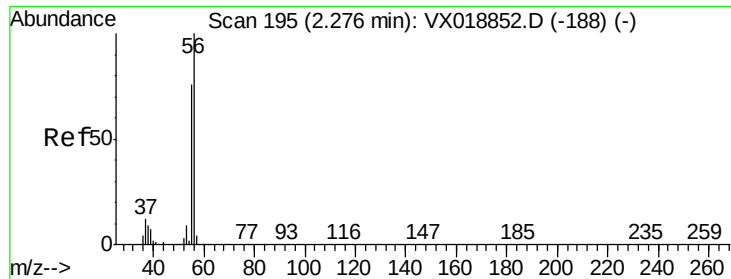


#12

1,1-Dichloroethene
 Concen: 52.844 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 96 Resp: 93027
 Ion Ratio Lower Upper
 96 100
 61 172.6 137.0 205.6
 98 65.2 53.9 80.9





#13

Acrolein

Concen: 268.462 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

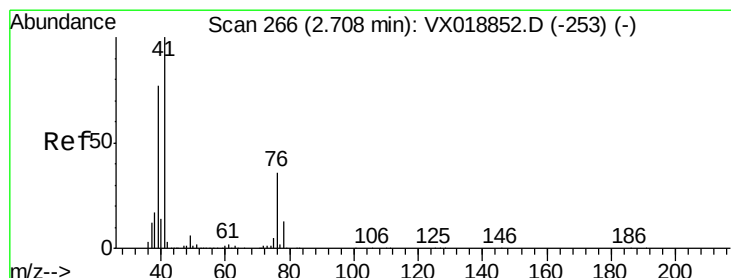
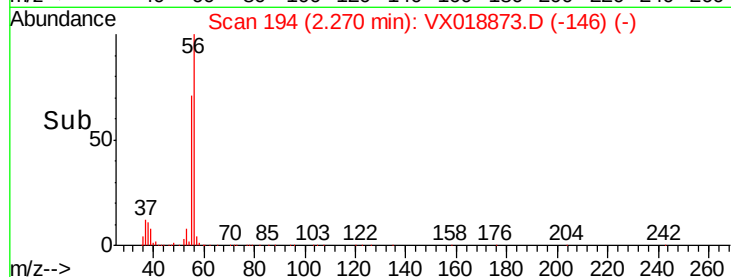
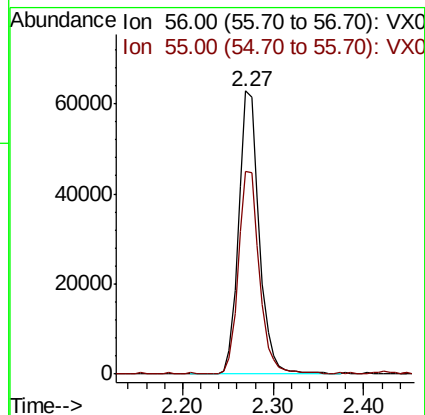
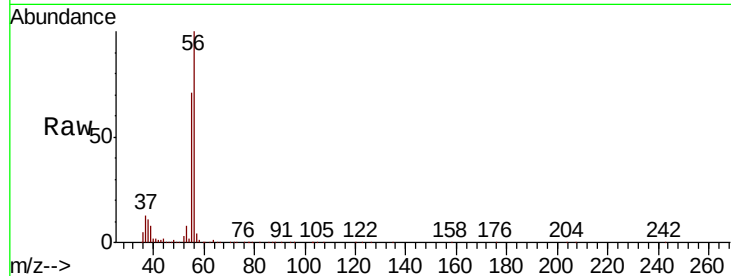
VSTDCCC050

Tot Ion: 56 Resp: 98899

Ion Ratio Lower Upper

56 100

55 72.2 58.6 87.8



#14

Allyl chloride

Concen: 52.531 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

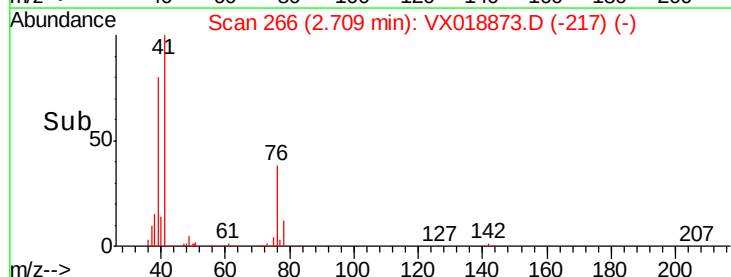
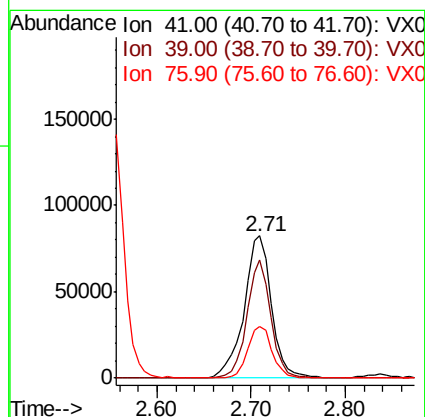
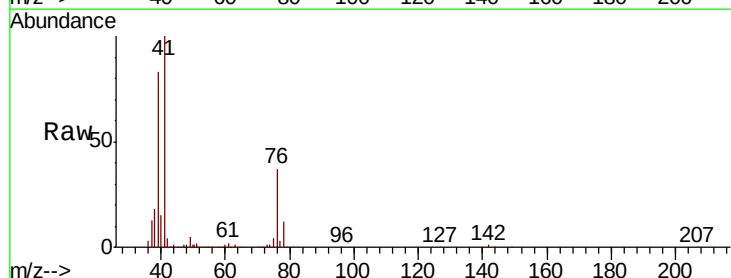
Tgt Ion: 41 Resp: 167659

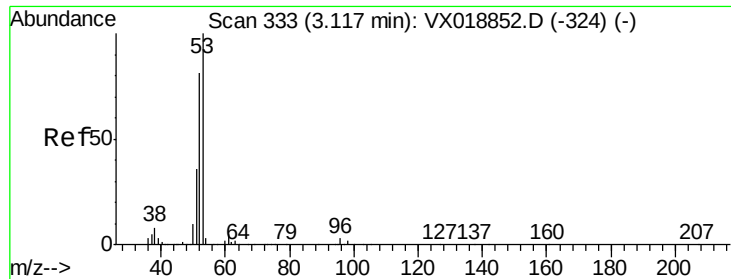
Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

76 32.4 26.8 40.2





#15

Acrylonitrile

Concen: 271.080 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

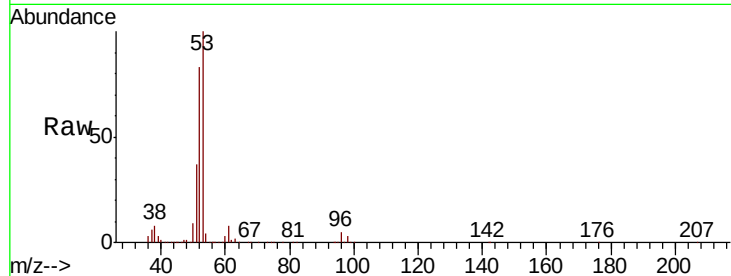
Tot Ion: 53 Resp: 254556

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

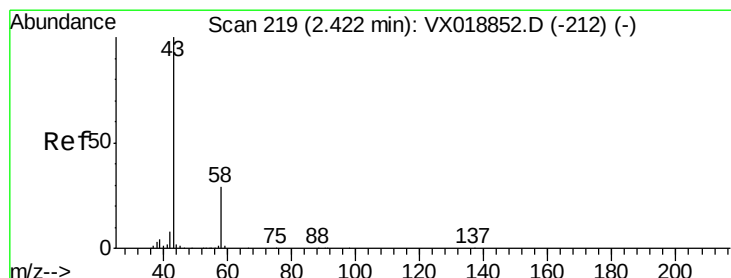
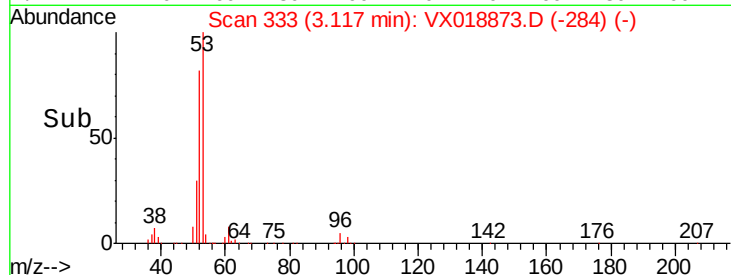
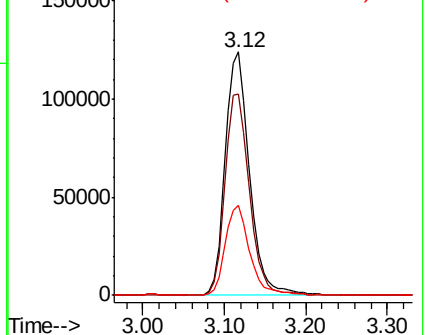
51 37.8 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.414 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018873.D

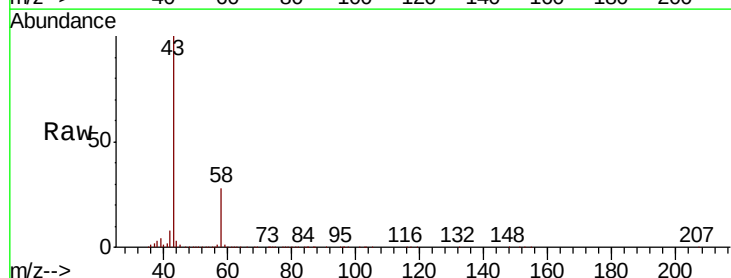
Acq: 09 Oct 2020 22:40

Tgt Ion: 43 Resp: 258439

Ion Ratio Lower Upper

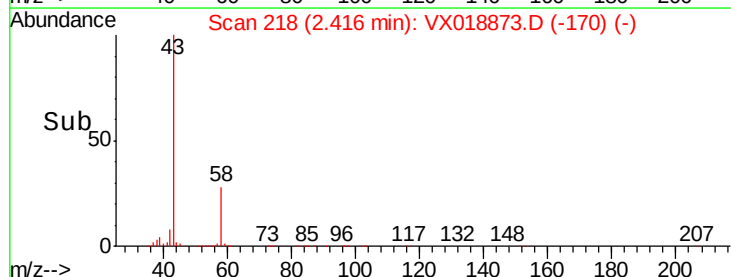
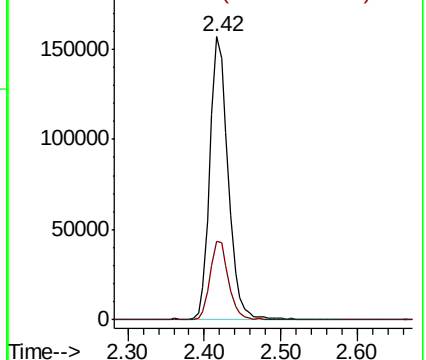
43 100

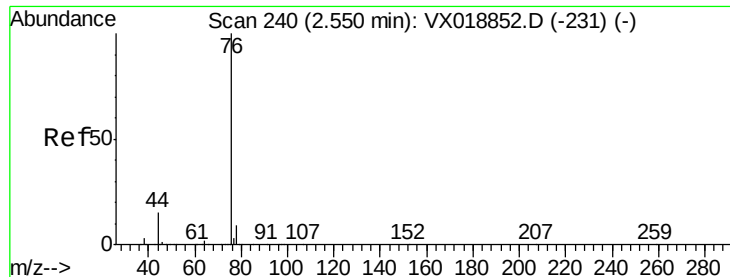
58 27.6 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.633 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

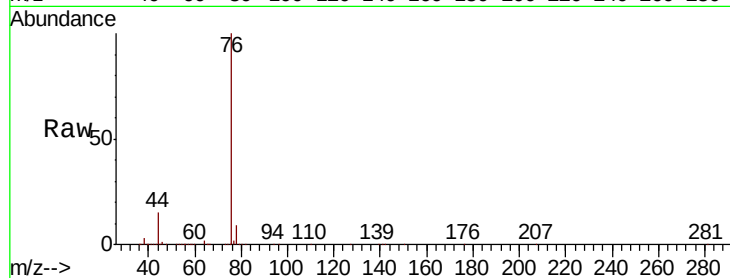
VSTDCCC050

Tot Ion: 76 Resp: 261357

Ion Ratio Lower Upper

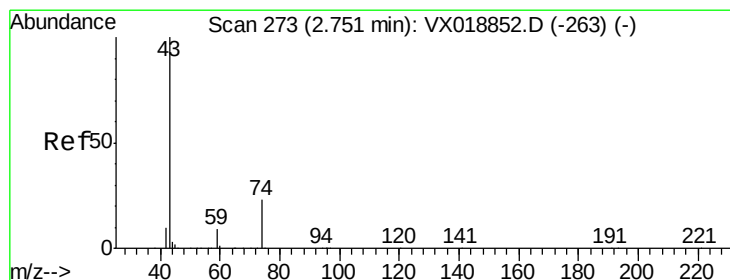
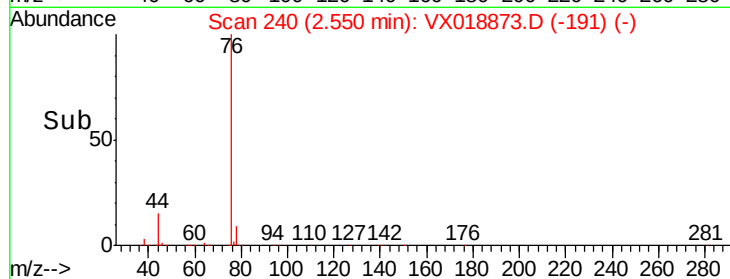
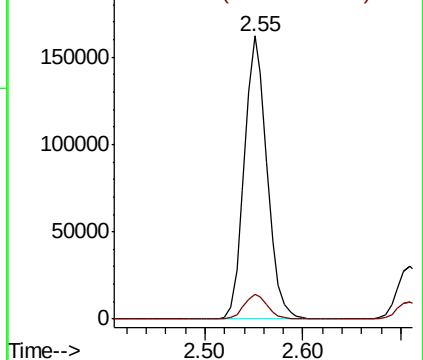
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.123 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018873.D

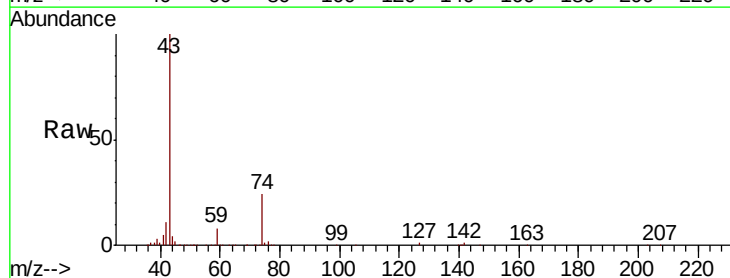
Acq: 09 Oct 2020 22:40

Tgt Ion: 43 Resp: 124145

Ion Ratio Lower Upper

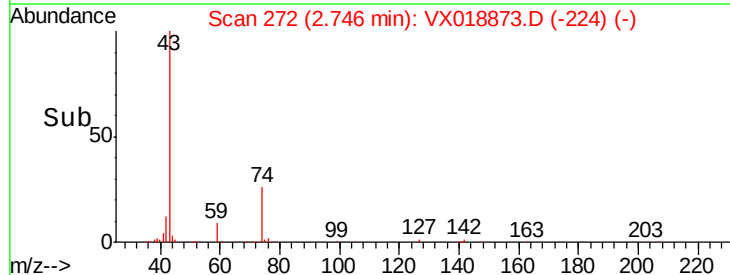
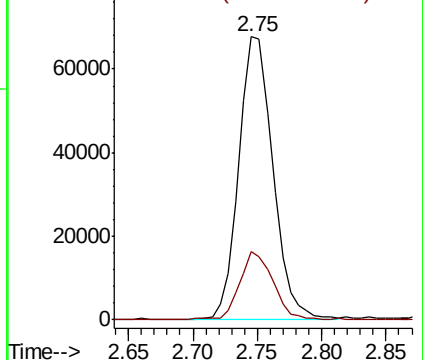
43 100

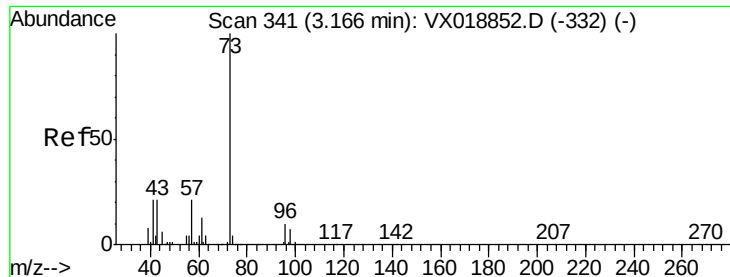
74 24.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



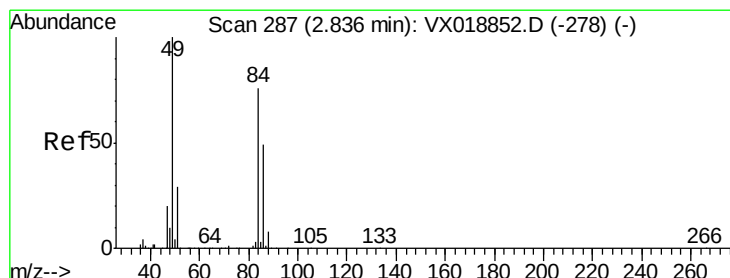
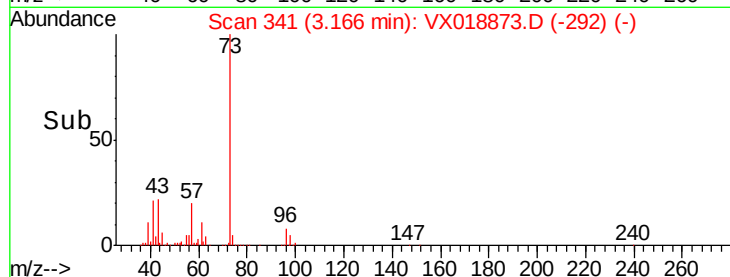
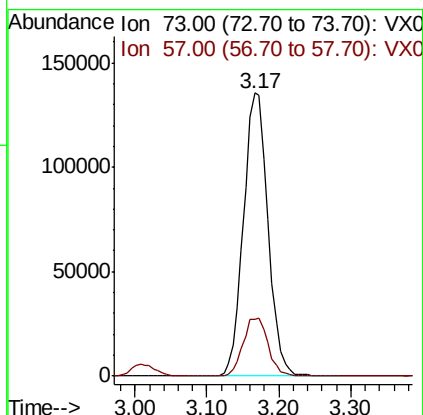
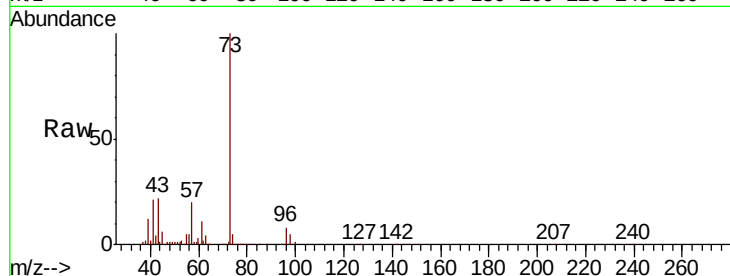


#19

Methyl tert-butyl Ether
 Concen: 54.247 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

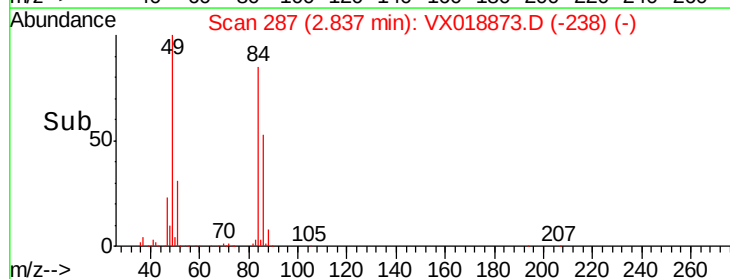
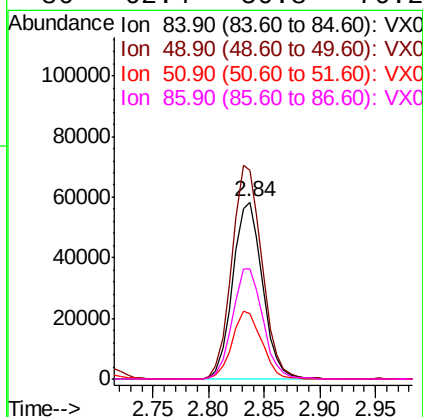
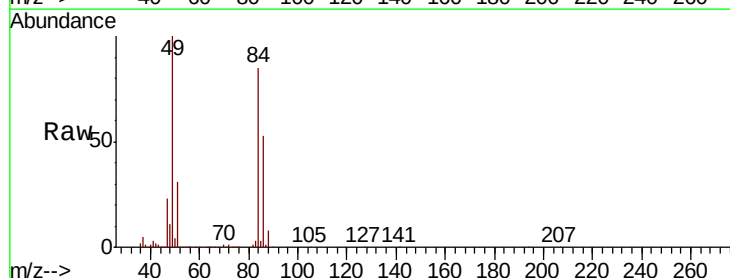
Tot Ion: 73 Resp: 320174
 Ion Ratio Lower Upper
 73 100
 57 20.0 16.7 25.1

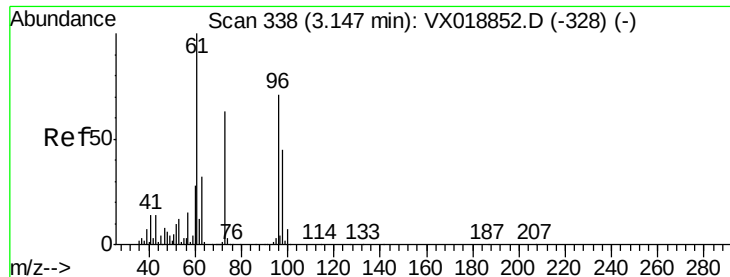


#20

Methylene Chloride
 Concen: 53.933 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 84 Resp: 108227
 Ion Ratio Lower Upper
 84 100
 49 118.0 104.8 157.2
 51 36.7 30.6 46.0
 86 62.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.791 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

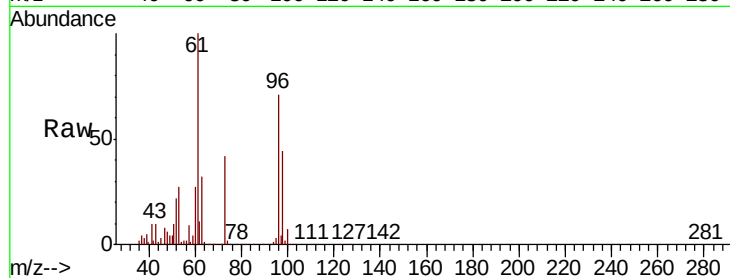
Tot Ion: 96 Resp: 105743

Ion Ratio Lower Upper

96 100

61 142.1 112.0 168.0

98 61.9 50.2 75.2

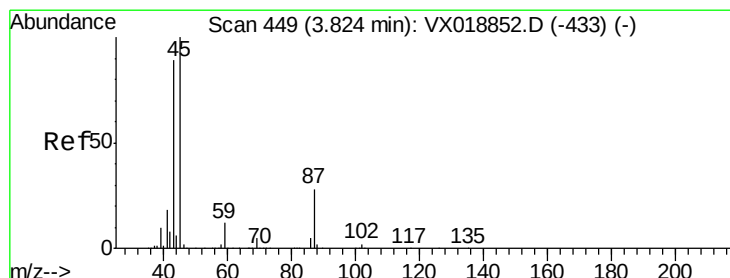
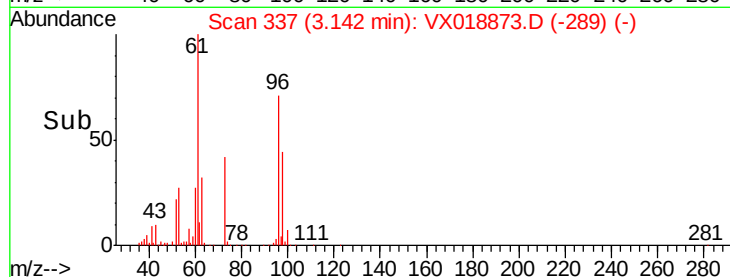
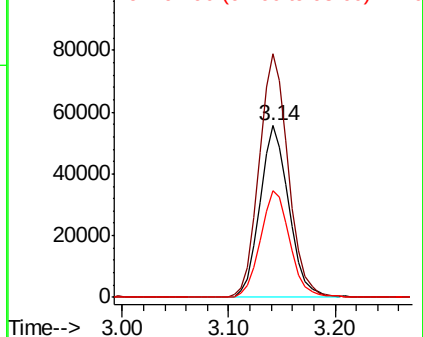


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.848 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion: 45 Resp: 307583

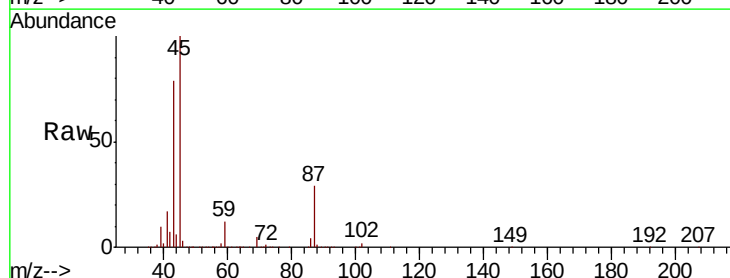
Ion Ratio Lower Upper

45 100

43 77.3 71.2 106.8

87 29.3 22.5 33.7

59 12.2 9.2 13.8



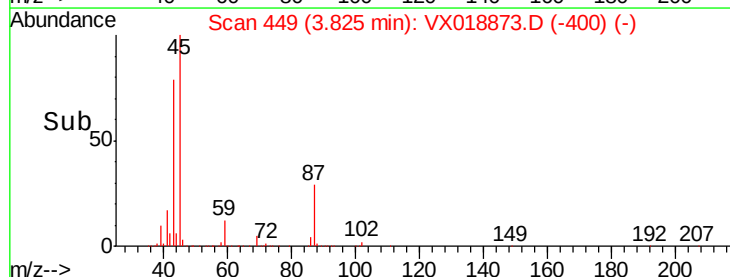
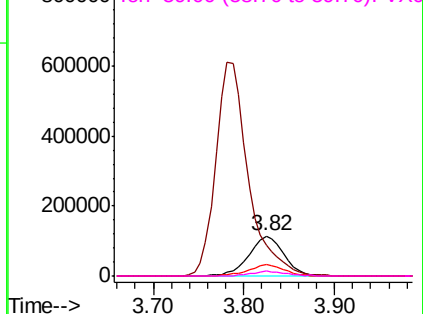
Abundance

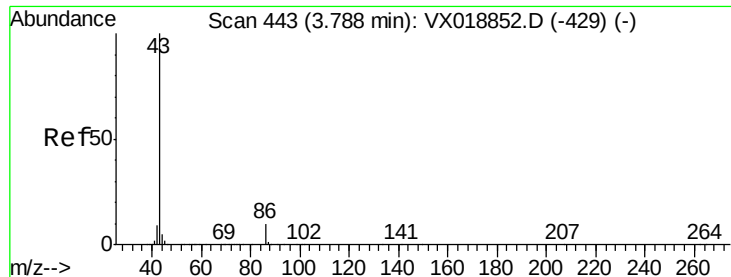
Ion 45.00 (44.70 to 45.70): VX0

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: 279.556 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

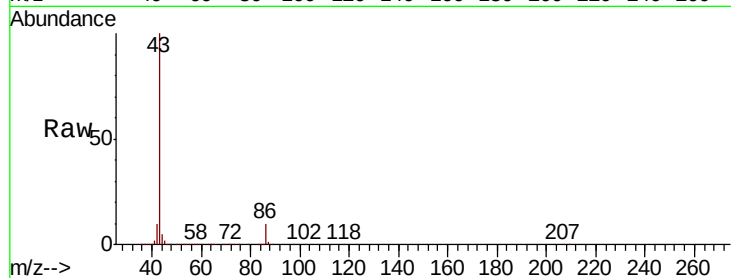
VSTDCCC050

Tot Ion: 43 Resp: 1535753

Ion Ratio Lower Upper

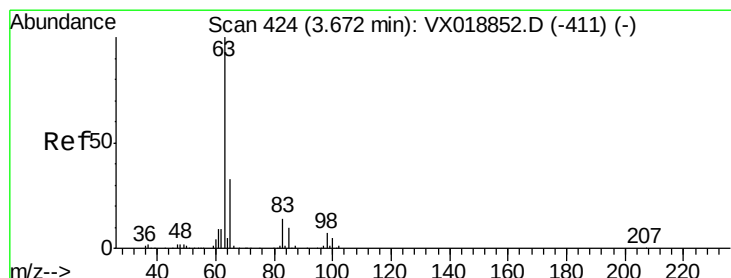
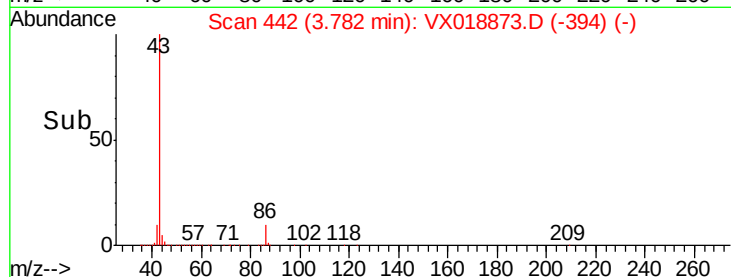
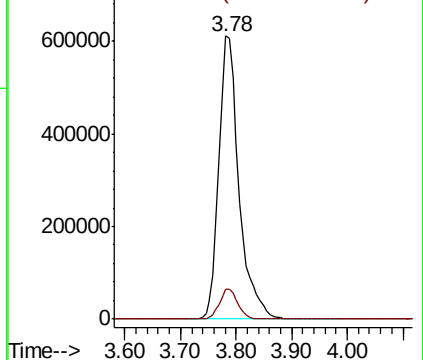
43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.978 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

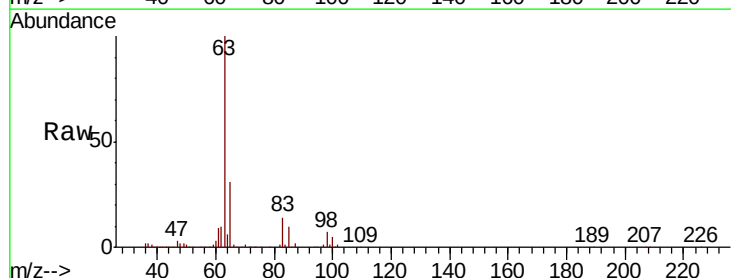
Tgt Ion: 63 Resp: 195776

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

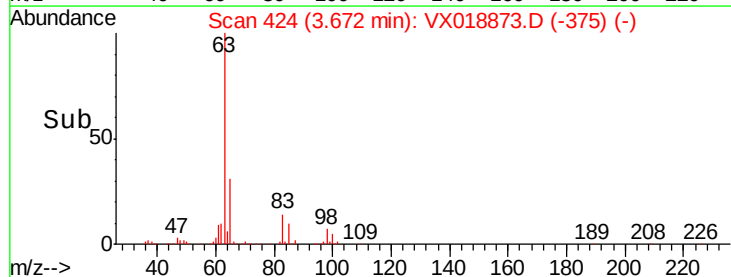
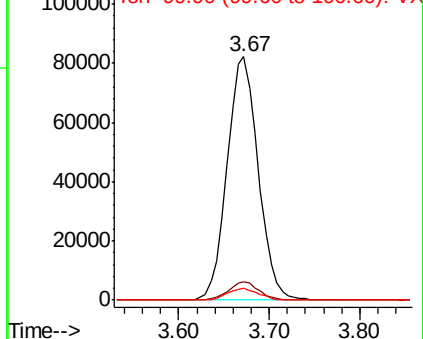
100 5.1 2.5 7.6

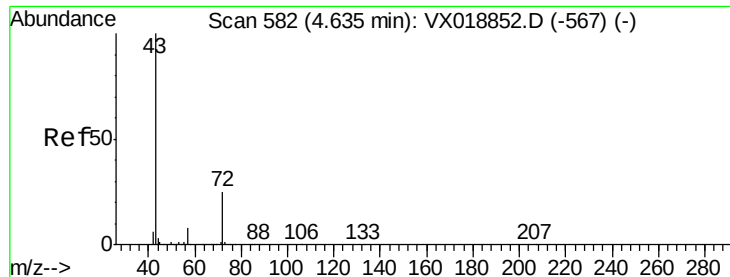


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

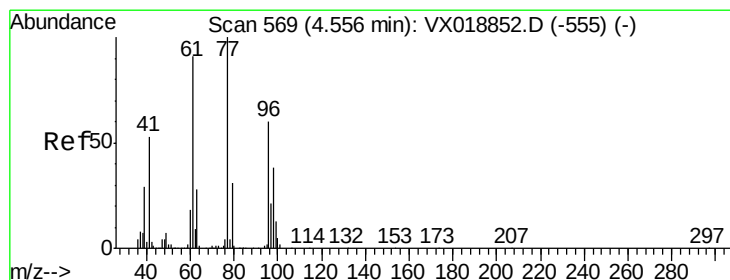
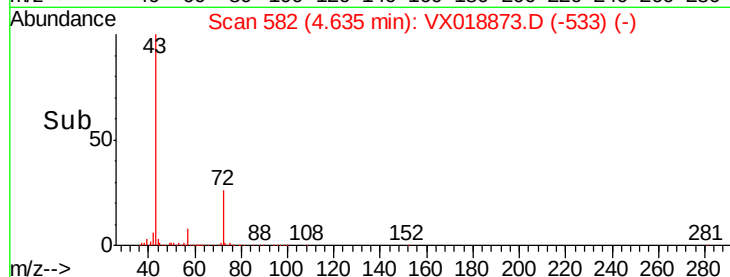
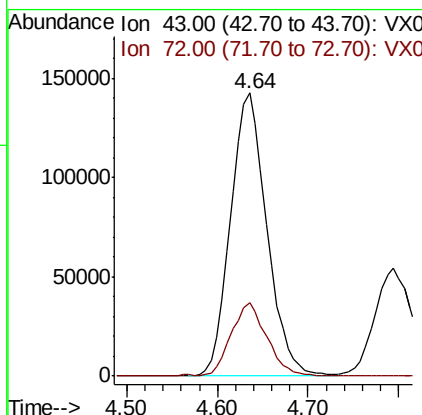
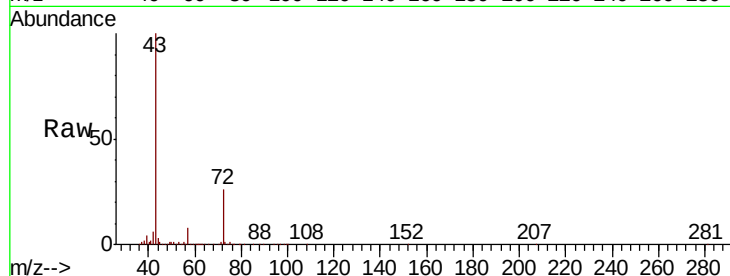




#25
2-Butanone
Concen: 258.568 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

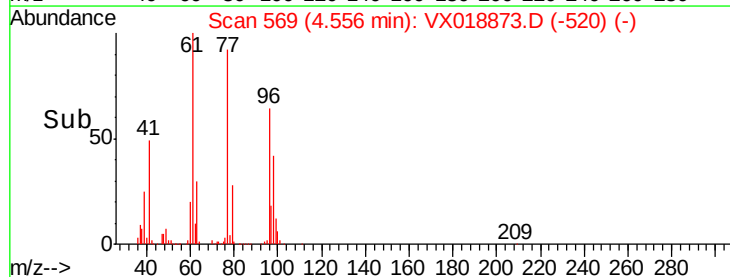
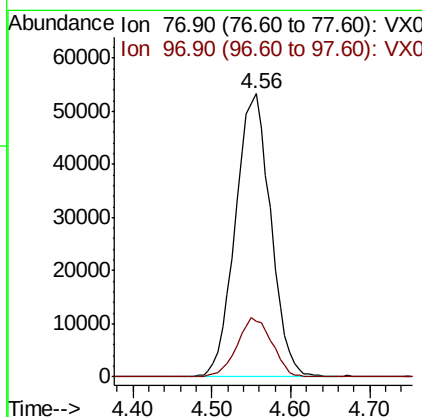
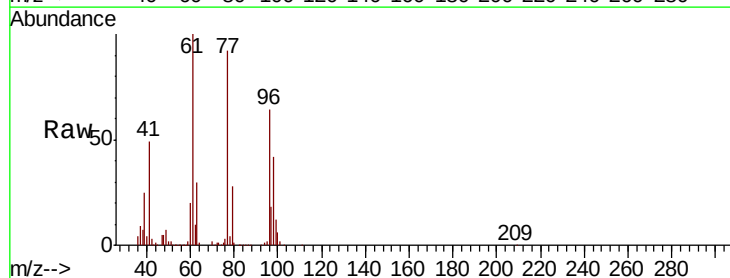
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

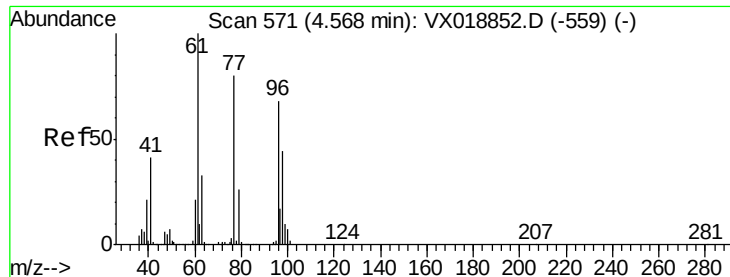
Tot Ion: 43 Resp: 393718
Ion Ratio Lower Upper
43 100
72 25.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 44.739 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 77 Resp: 165777
Ion Ratio Lower Upper
77 100
97 20.8 10.4 31.4



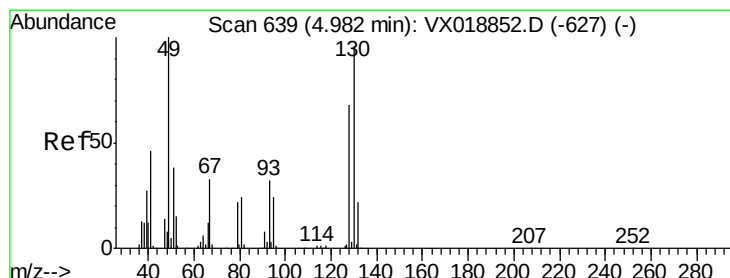
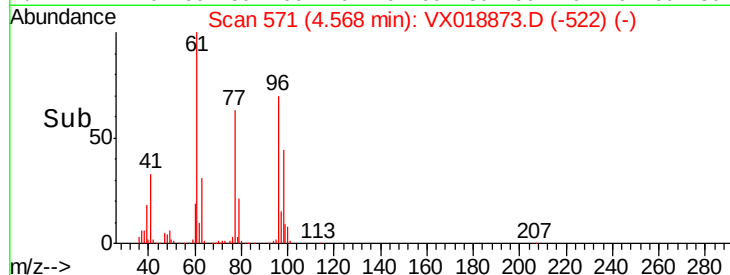
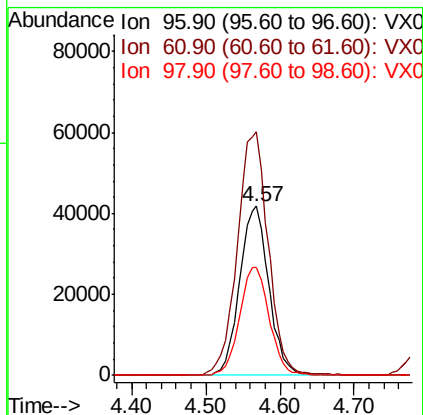
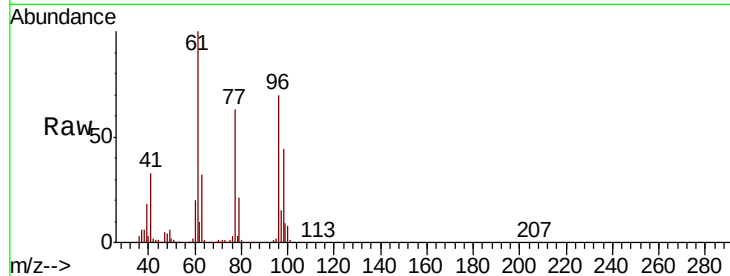


#27

cis-1,2-Dichloroethene
Concen: 50.802 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

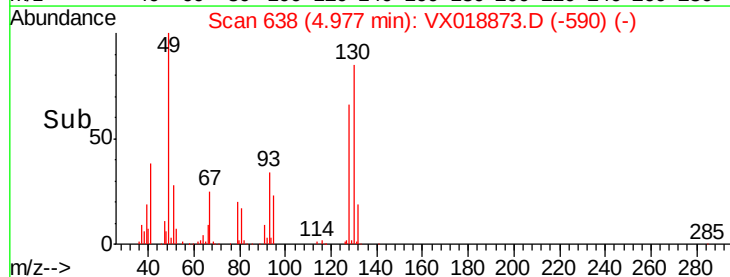
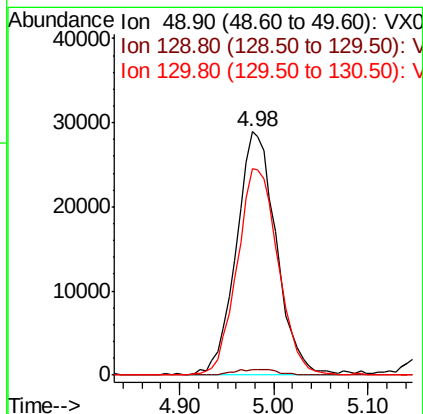
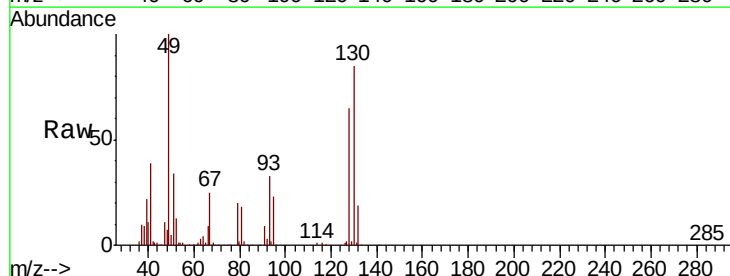
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	306.8
98	65.0	0.0	130.2

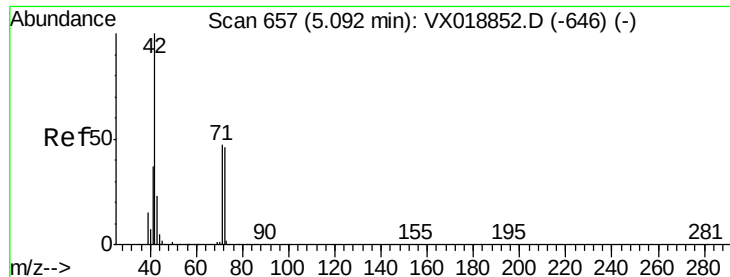


#28

Bromochloromethane
Concen: 50.013 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	87.5	71.2	106.8





#29

Tetrahydrofuran

Concen: 277.768 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

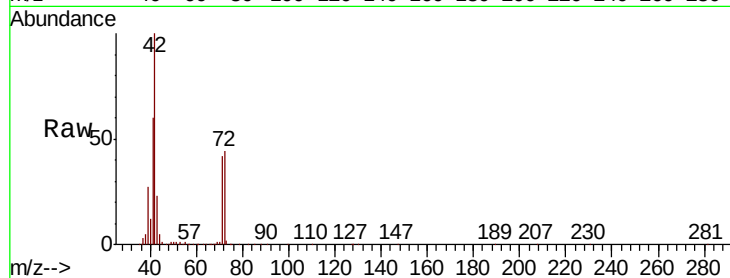
Tot Ion: 42 Resp: 226924

Ion Ratio Lower Upper

42 100

72 45.6 36.4 54.6

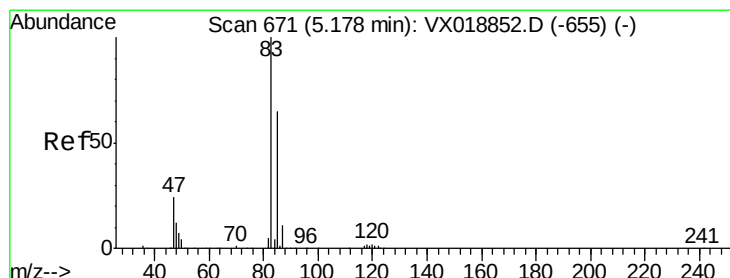
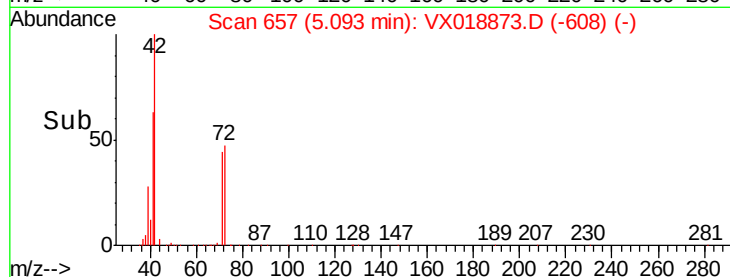
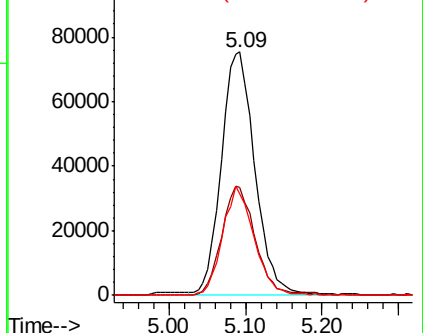
71 42.5 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.021 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018873.D

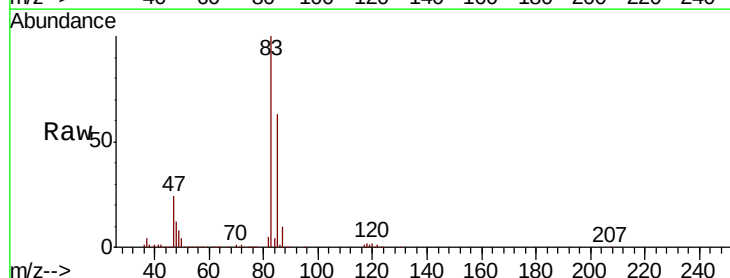
Acq: 09 Oct 2020 22:40

Tgt Ion: 83 Resp: 215881

Ion Ratio Lower Upper

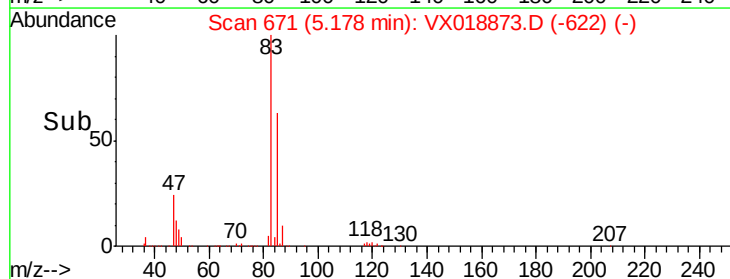
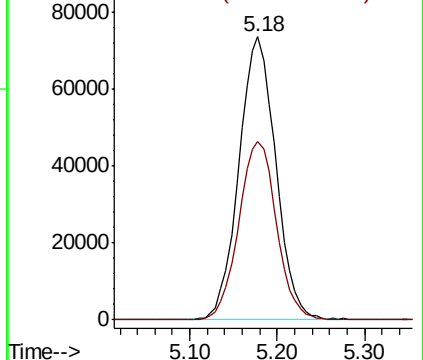
83 100

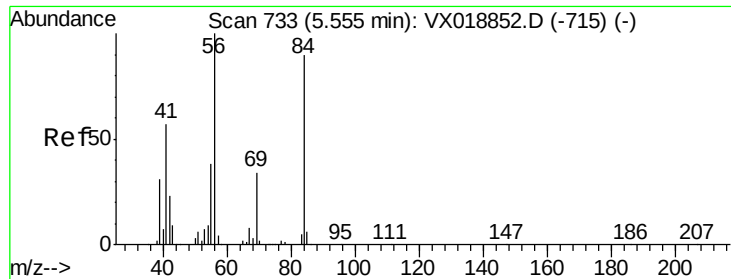
85 63.1 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

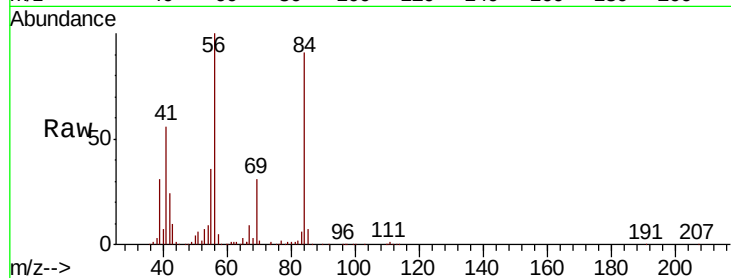




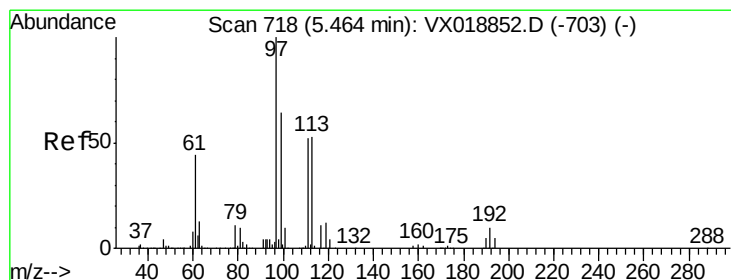
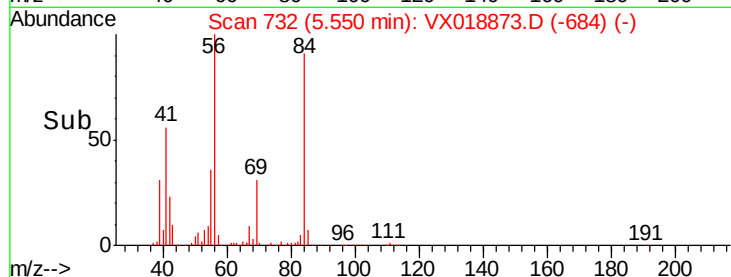
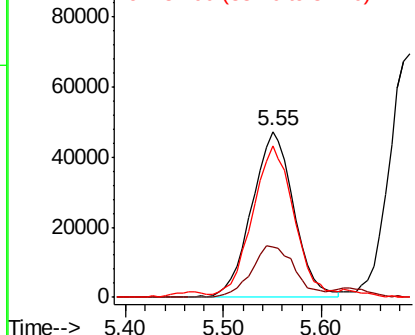
#31
Cyclohexane
Concen: 53.467 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 140391
Ion Ratio Lower Upper
56 100
69 30.7 27.1 40.7
84 88.2 71.7 107.5

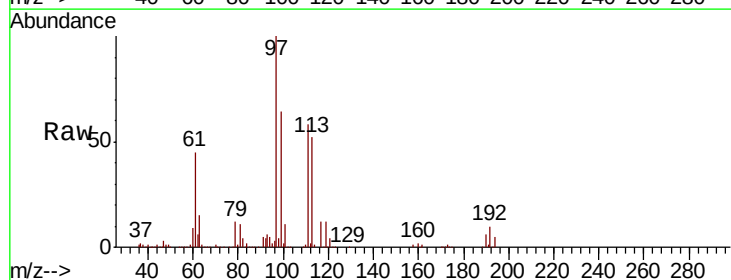


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

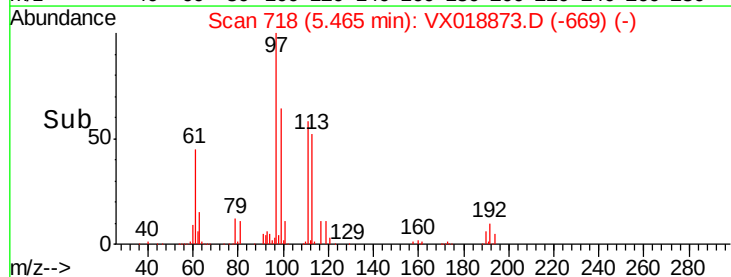
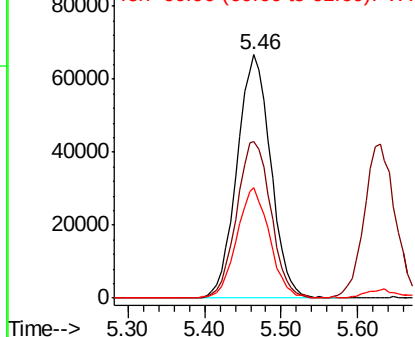


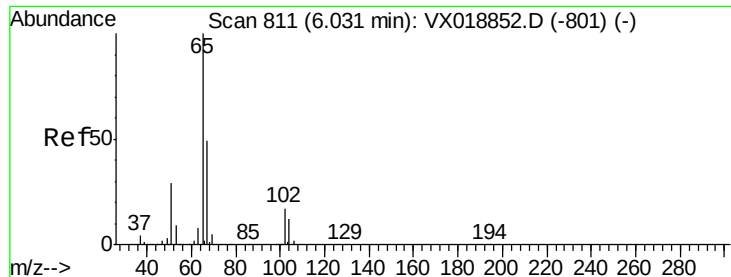
#32
1,1,1-Trichloroethane
Concen: 50.758 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 97 Resp: 204097
Ion Ratio Lower Upper
97 100
99 65.5 52.1 78.1
61 44.3 35.3 52.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

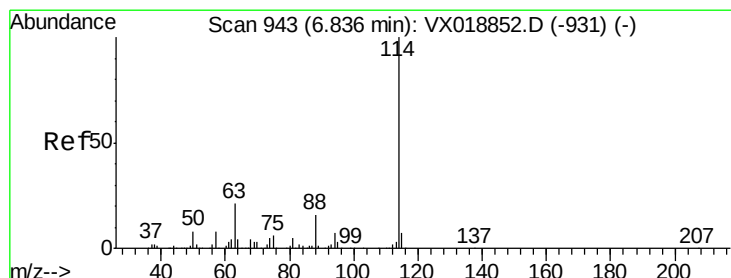
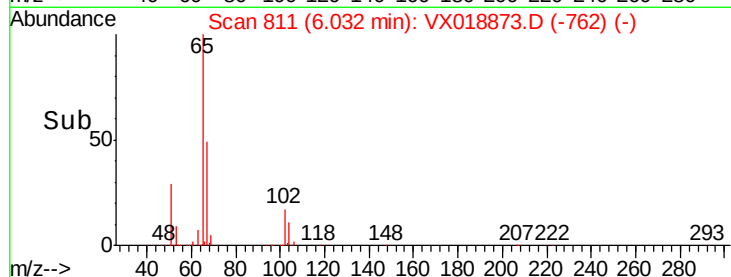
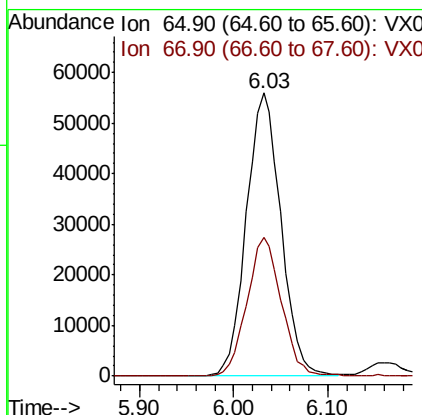
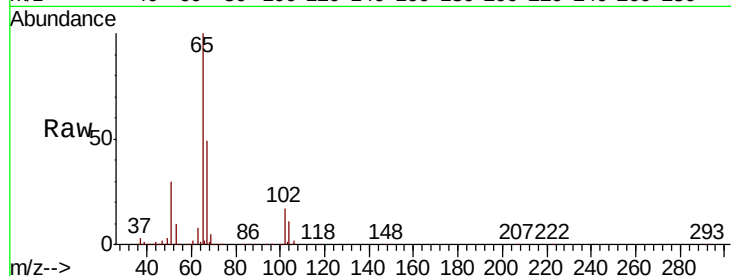




#33
 1,2-Dichloroethane-d4
 Concen: 51.273 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

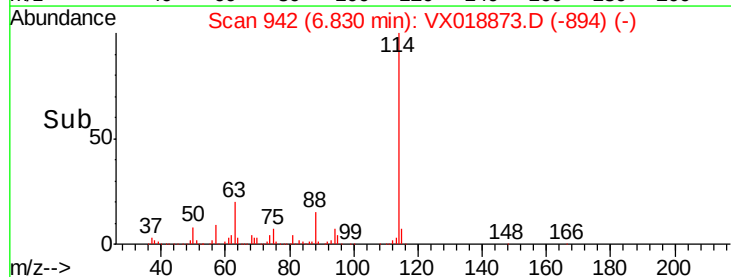
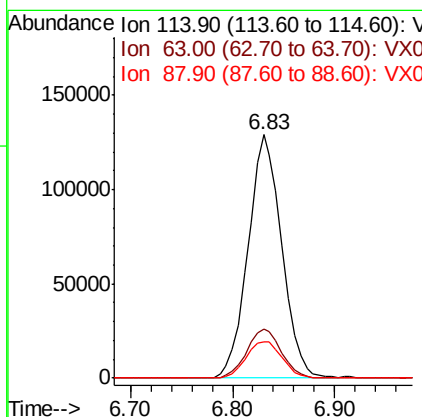
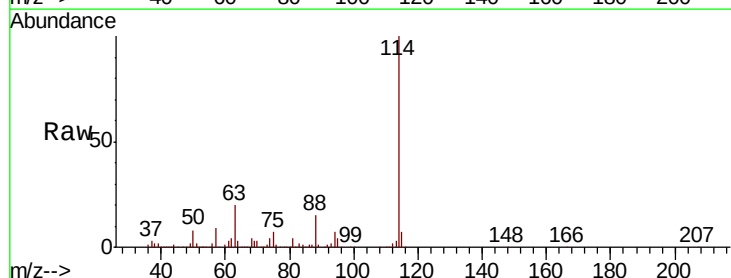
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

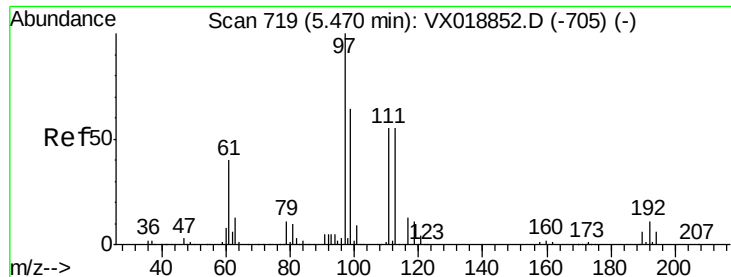
Tot Ion: 65 Resp: 144142
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 114 Resp: 296197
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.534 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

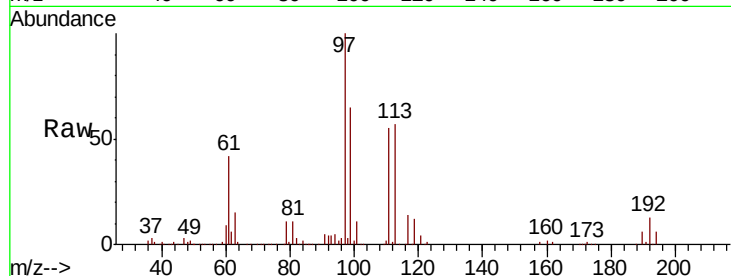
Tot Ion:113 Resp: 104561

Ion Ratio Lower Upper

113 100

111 104.4 80.1 120.1

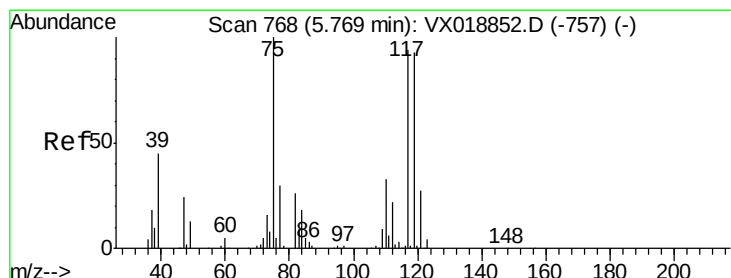
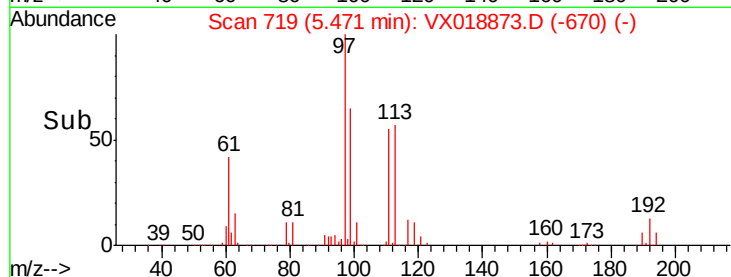
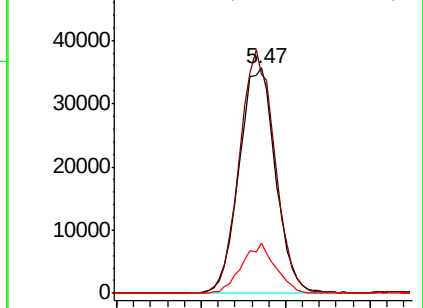
192 20.5 16.0 24.0



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: 47.789 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

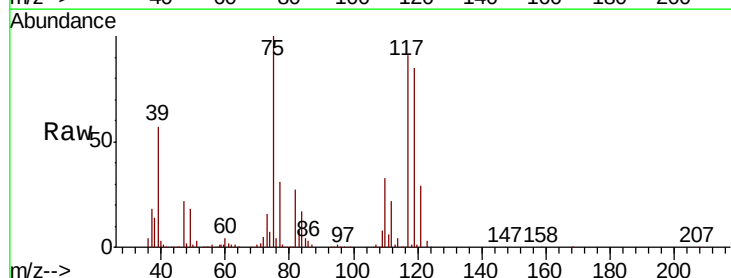
Tgt Ion: 75 Resp: 148824

Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.5

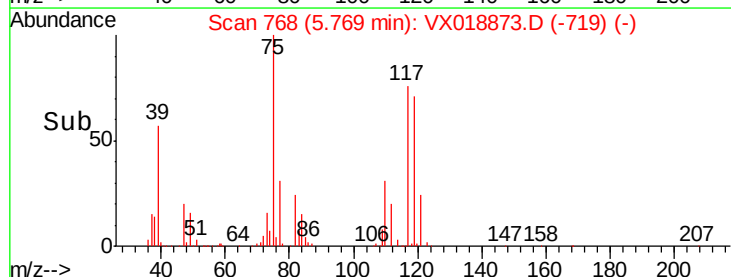
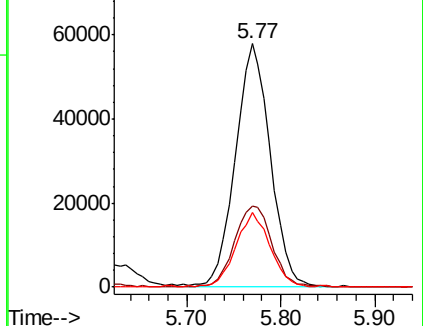
77 29.6 24.2 36.4

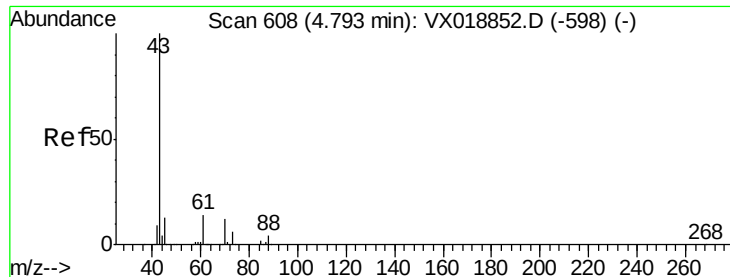


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

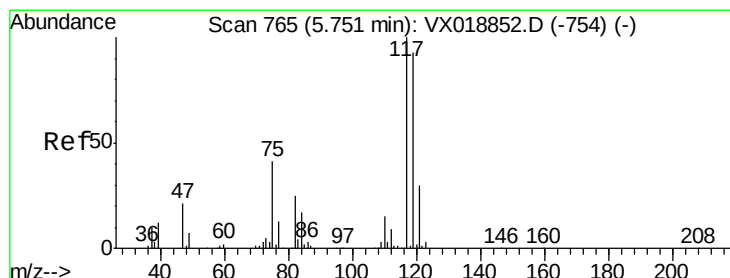
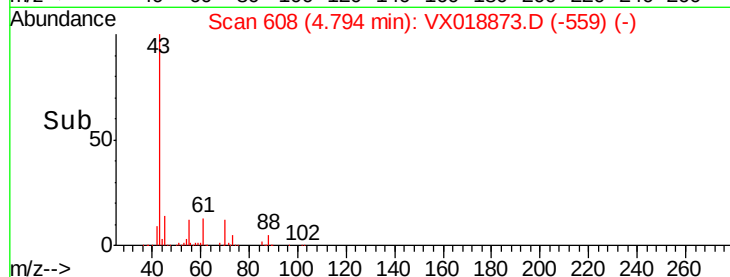
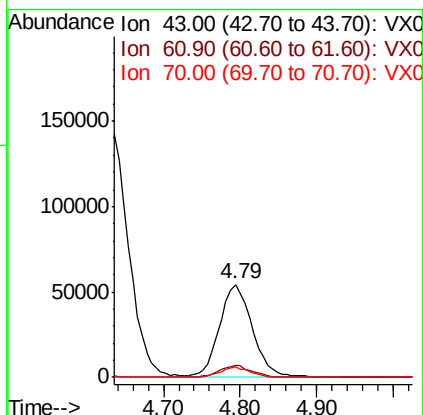
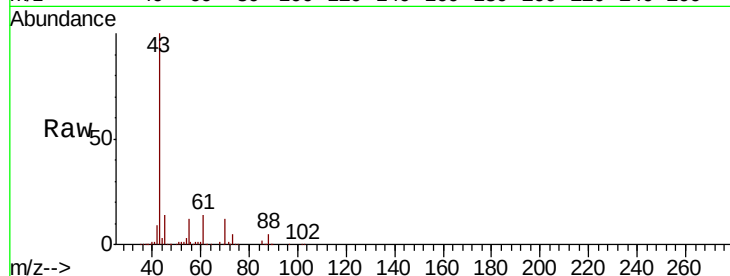




#37
Ethyl Acetate
Concen: 53.074 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

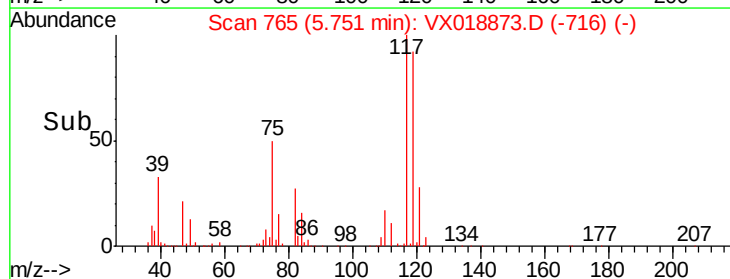
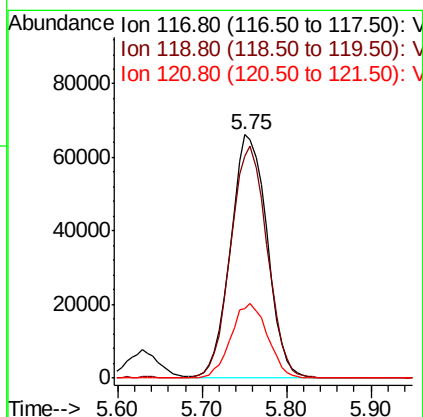
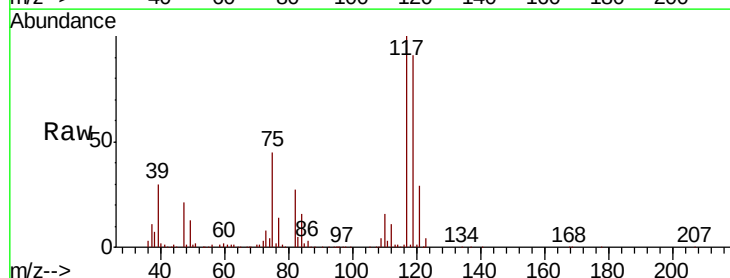
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

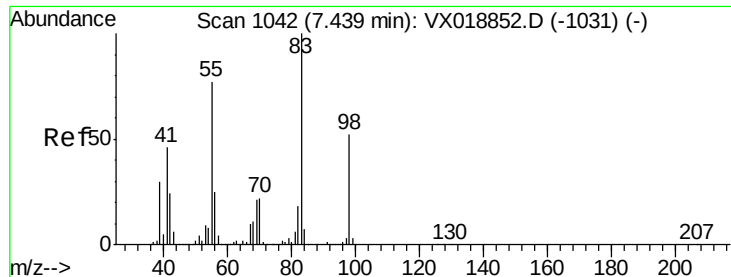
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.9	16.3
70	10.6	8.6	13.0



#38
Carbon Tetrachloride
Concen: 50.423 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.9	110.9
121	28.7	23.6	35.4

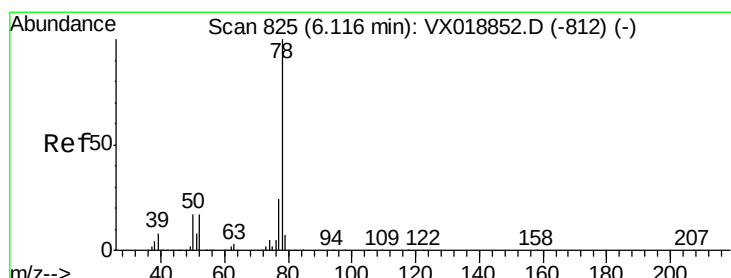
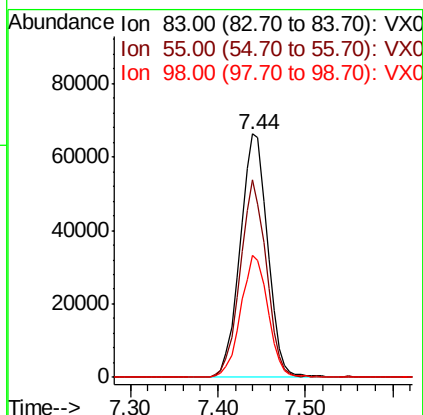
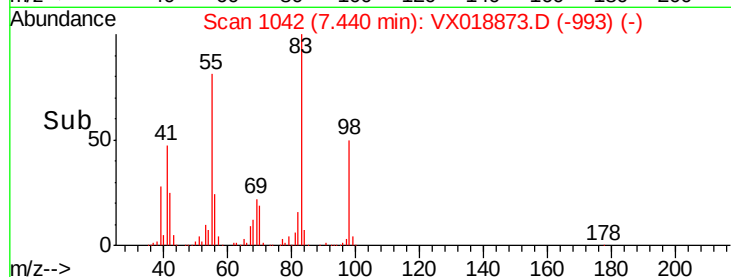
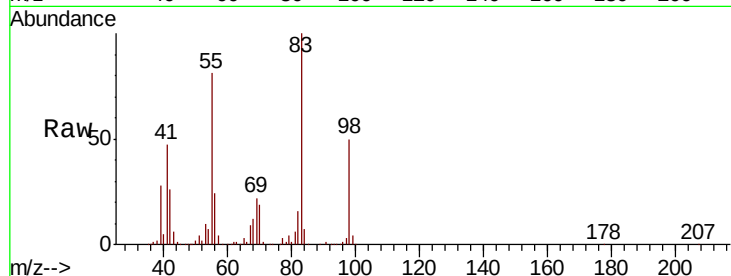




#39
Methylvlcyclohexane
Concen: 50.395 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

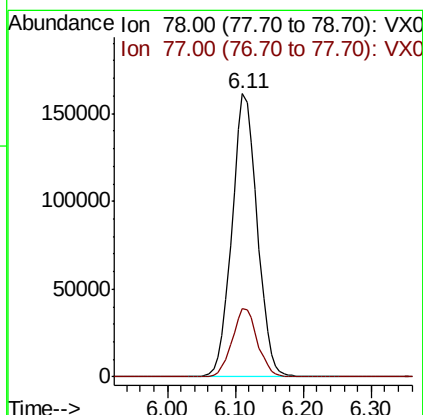
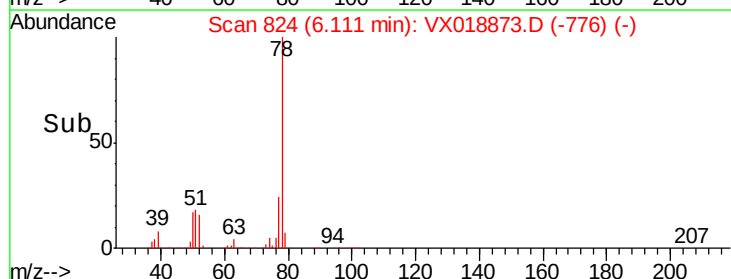
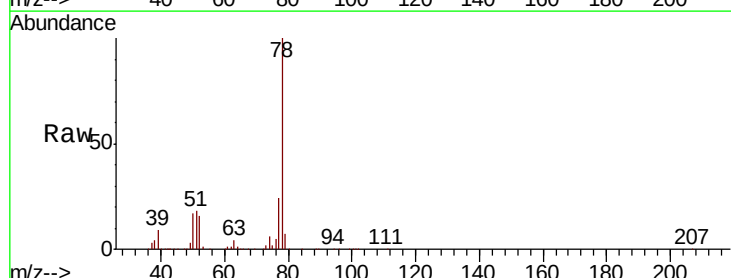
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

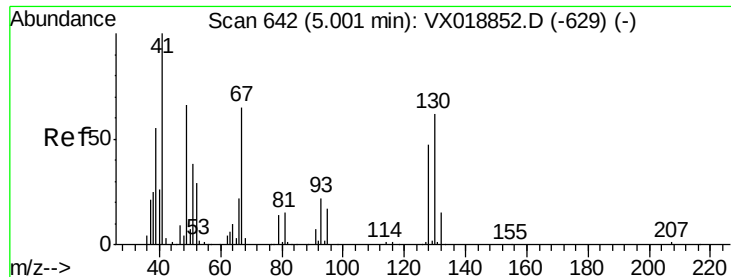
Tot Ion: 83 Resp: 144673
Ion Ratio Lower Upper
83 100
55 81.1 61.8 92.6
98 50.3 41.4 62.0



#40
Benzene
Concen: 49.687 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 78 Resp: 415720
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

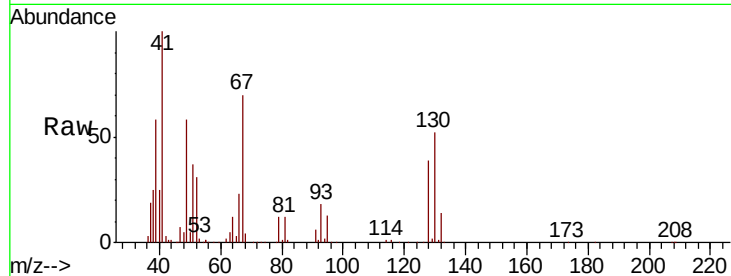




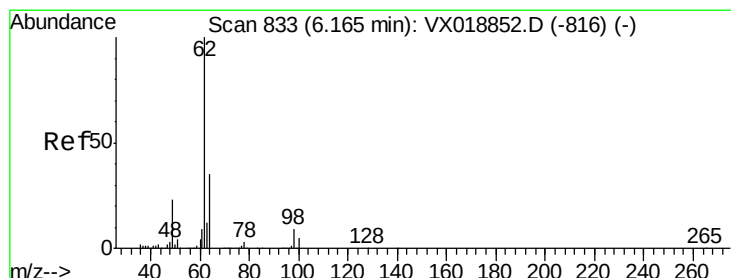
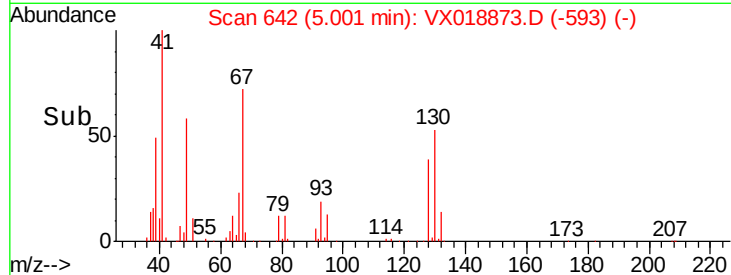
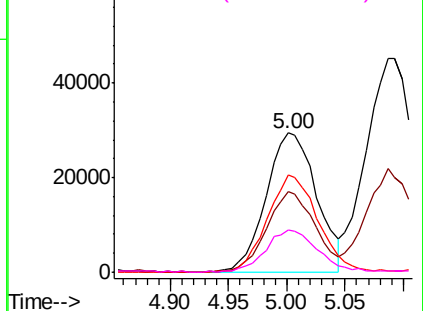
#41
Methacrylonitrile
Concen: 50.802 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	88630
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.4	68.2
67	70.2	55.4	83.2
52	30.7	23.8	35.8

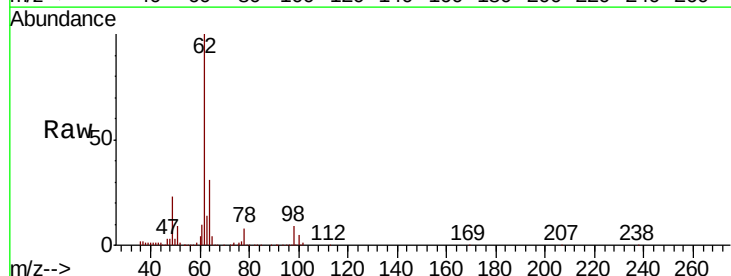


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

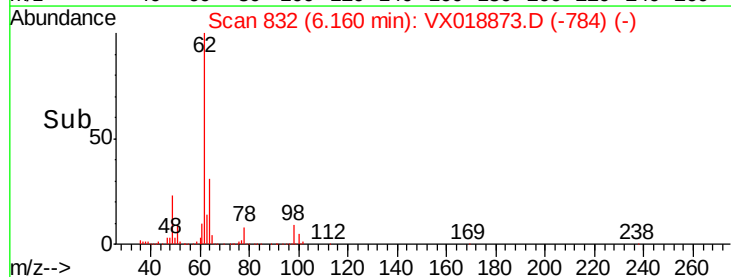
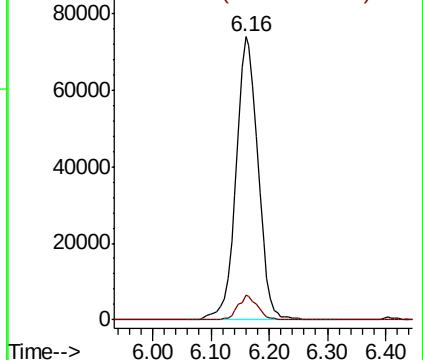


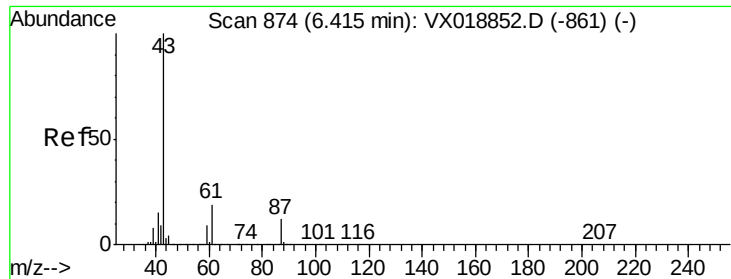
#42
1,2-Dichloroethane
Concen: 49.372 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion:	62	Resp:	193662
Ion	Ratio	Lower	Upper
62	100		
98	7.8	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: 51.436 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

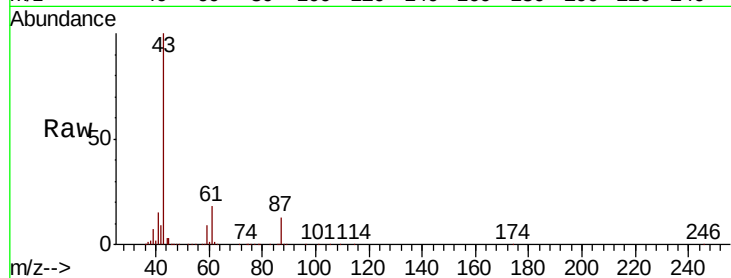
Tot Ion: 43 Resp: 257074

Ion Ratio Lower Upper

43 100

61 19.1 15.5 23.3

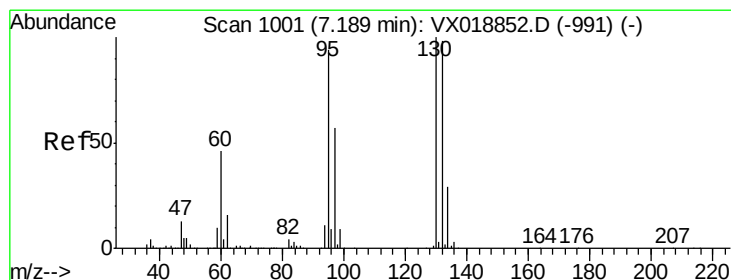
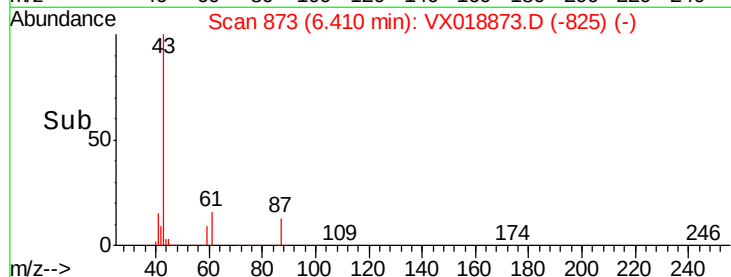
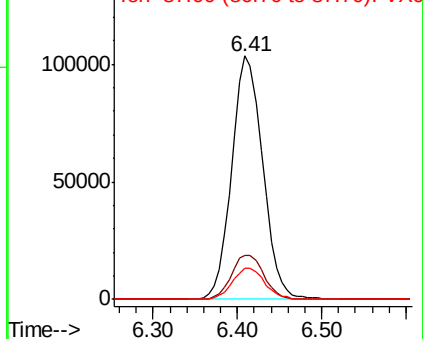
87 13.3 10.8 16.2



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: 48.545 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018873.D

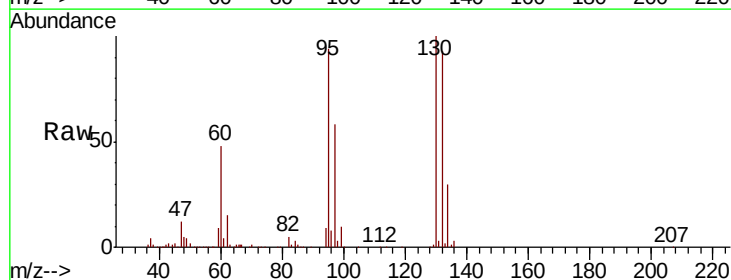
Acq: 09 Oct 2020 22:40

Tgt Ion:130 Resp: 121807

Ion Ratio Lower Upper

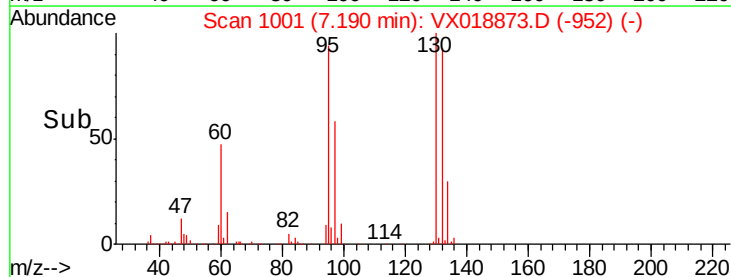
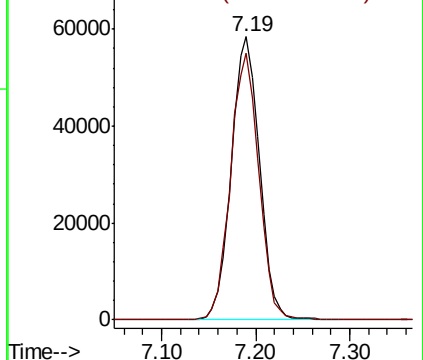
130 100

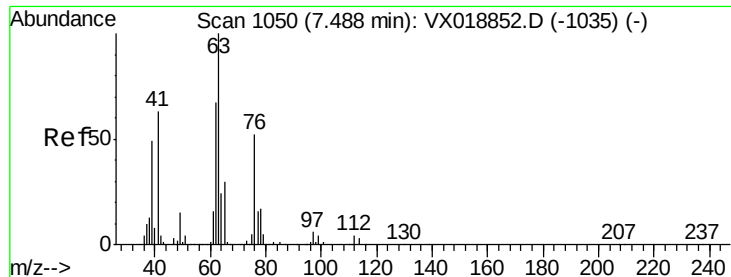
95 94.0 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.332 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

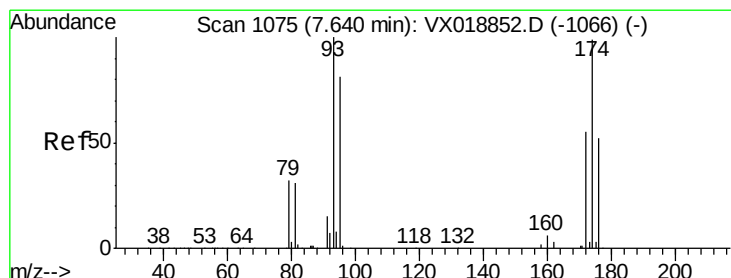
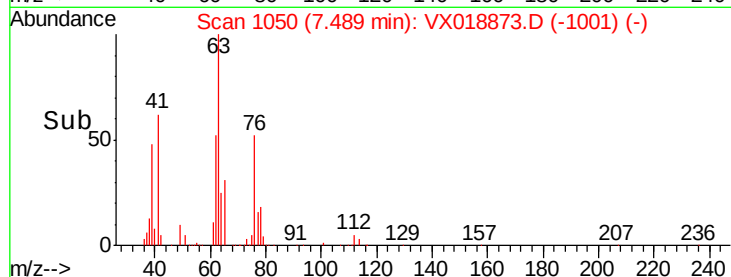
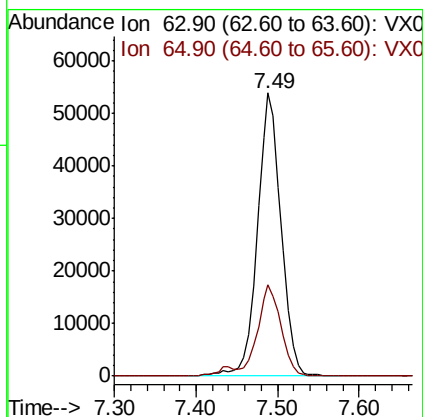
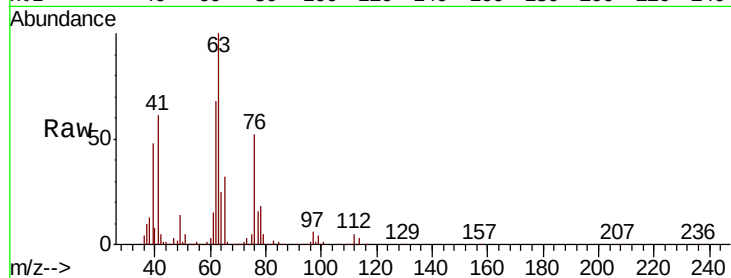
VSTDCCC050

Tot Ion: 63 Resp: 109213

Ion Ratio Lower Upper

63 100

65 32.3 24.2 36.4



#46

Dibromomethane

Concen: 49.603 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

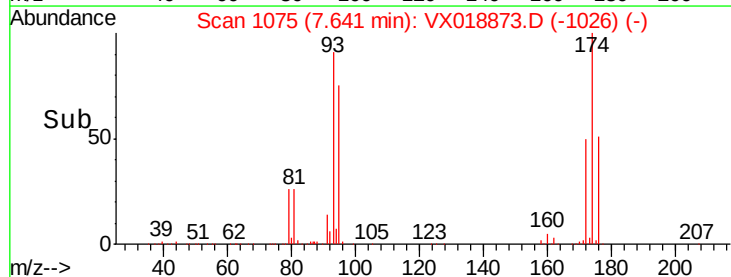
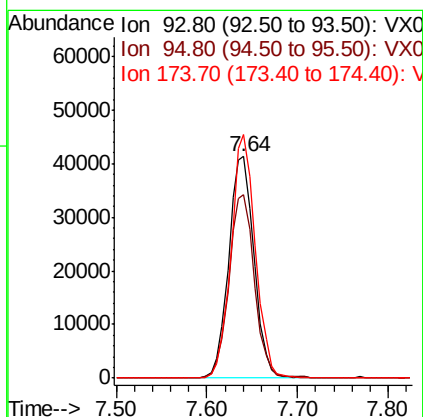
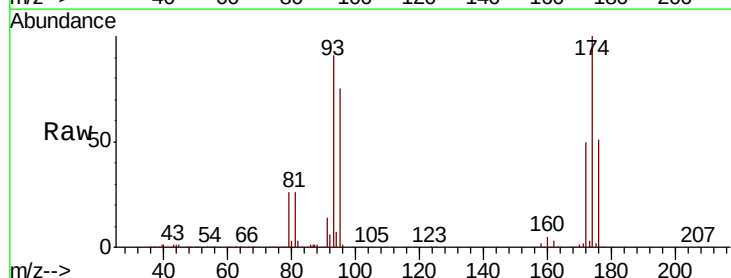
Tgt Ion: 93 Resp: 81151

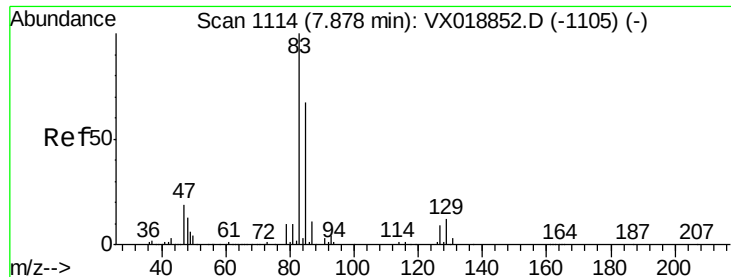
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 104.7 84.6 127.0





#47

Bromodichloromethane

Concen: 49.311 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

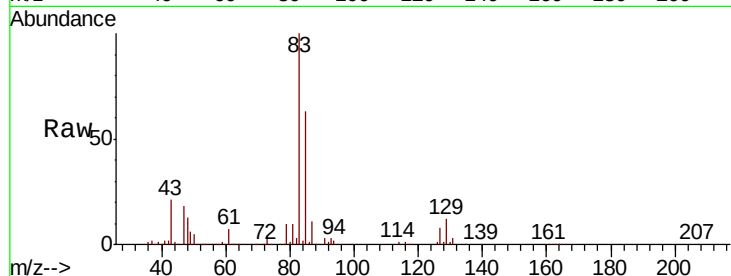
Tot Ion: 83 Resp: 174820

Ion Ratio Lower Upper

83 100

85 63.4 53.8 80.6

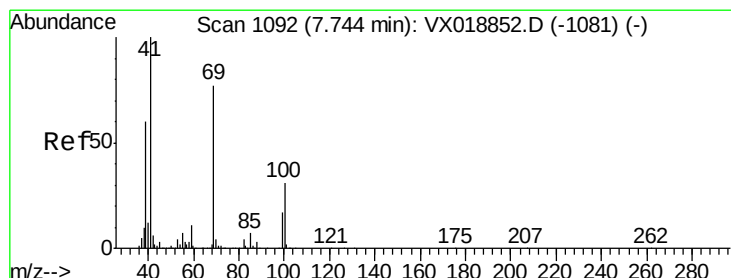
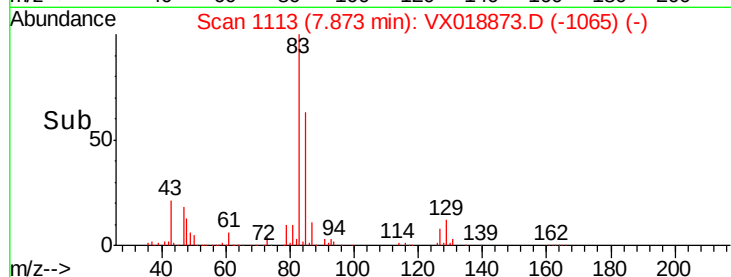
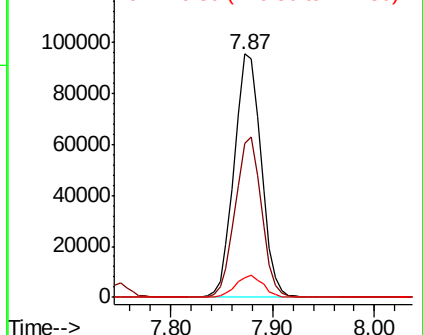
127 8.2 7.5 11.3



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: 52.058 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

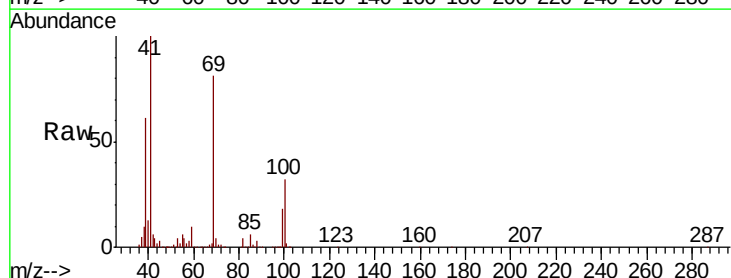
Tgt Ion: 41 Resp: 132021

Ion Ratio Lower Upper

41 100

69 80.9 64.6 97.0

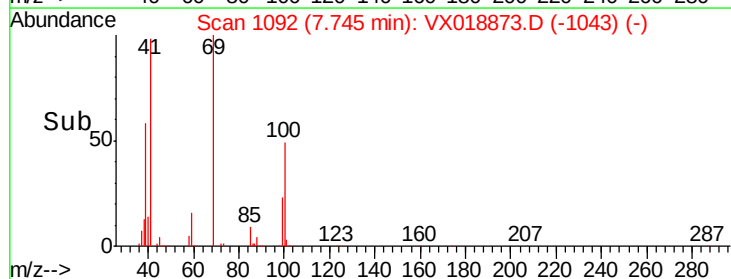
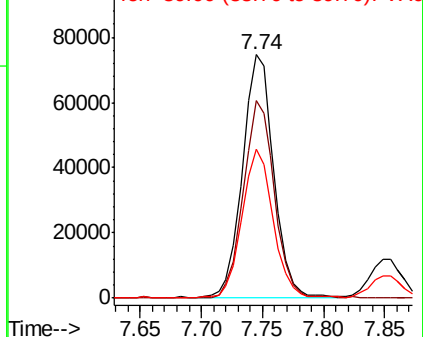
39 60.7 48.6 73.0

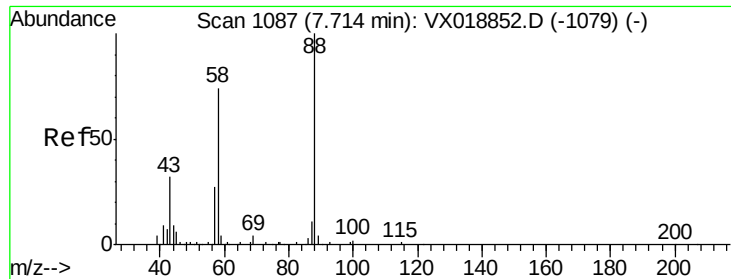


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

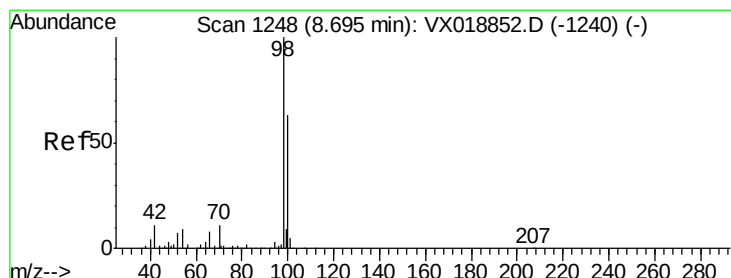
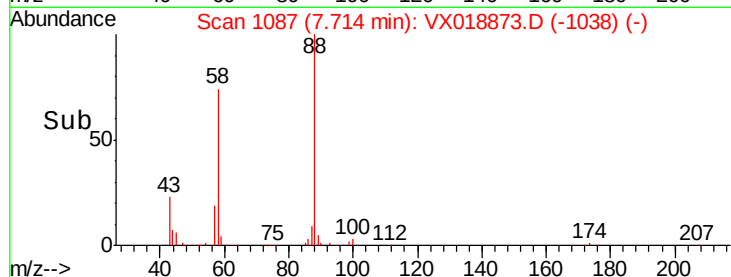
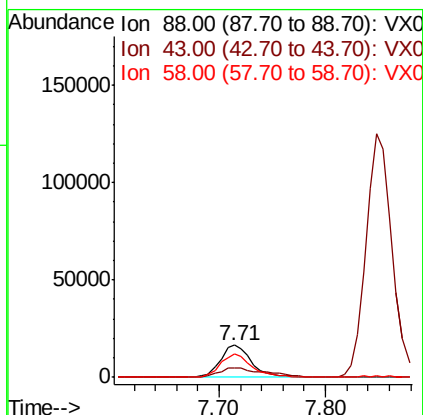
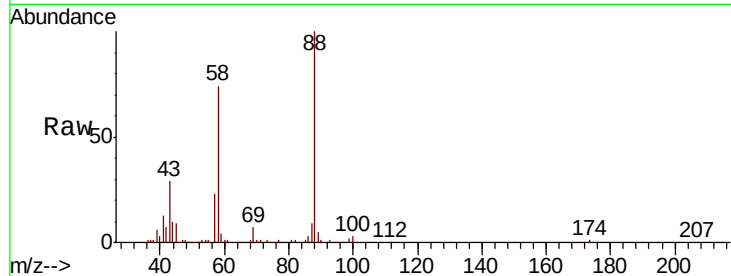




#49
1,4-Dioxane
Concen: 940.284 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

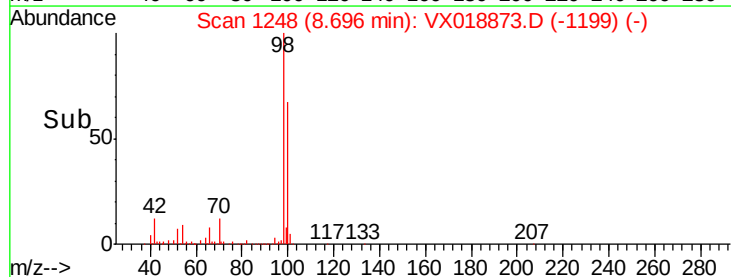
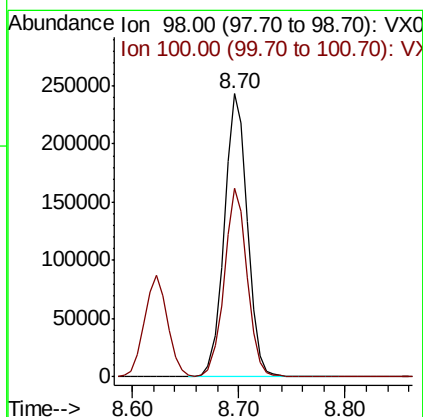
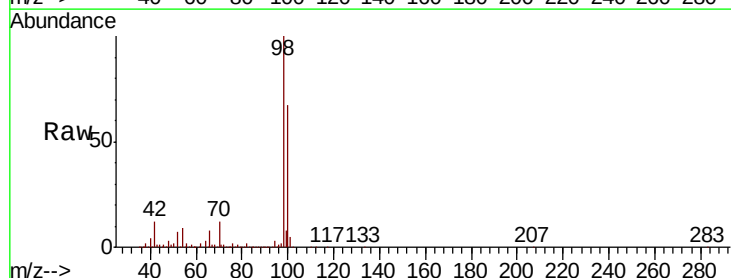
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

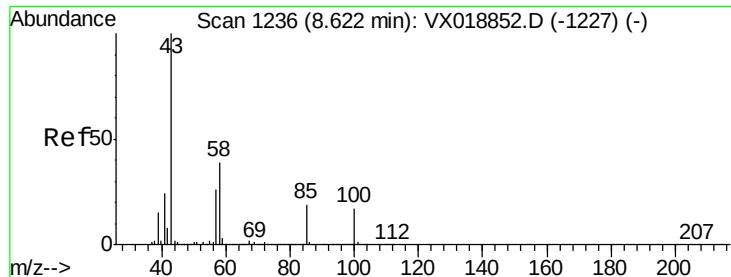
Tot Ion: 88 Resp: 33436
Ion Ratio Lower Upper
88 100
43 40.4 31.0 46.6
58 75.0 59.3 88.9



#50
Toluene-d8
Concen: 50.293 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 98 Resp: 368252
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

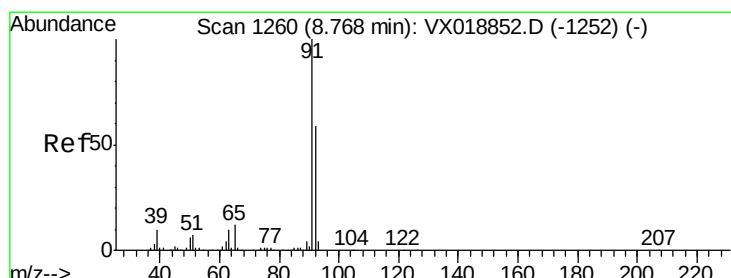
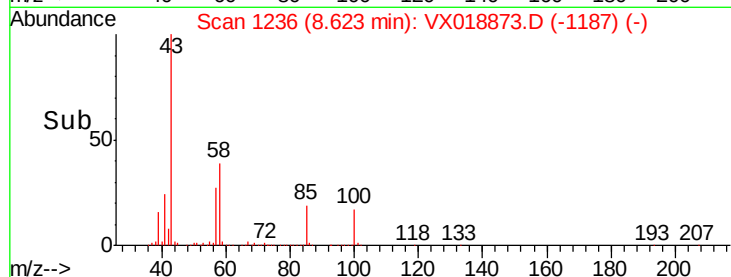
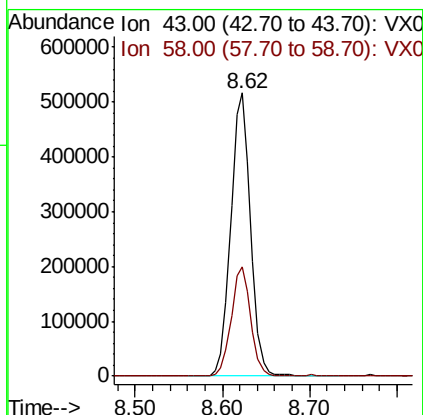
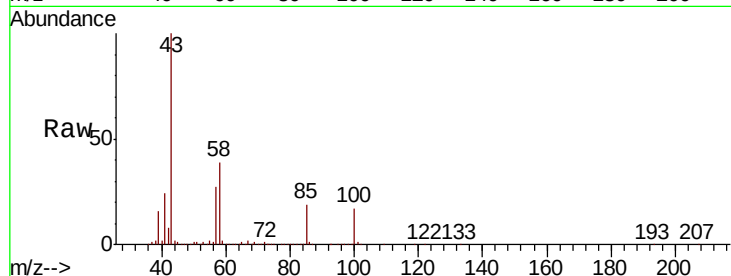




#51
 4-Methyl-2-Pentanone
 Concen: 278.110 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

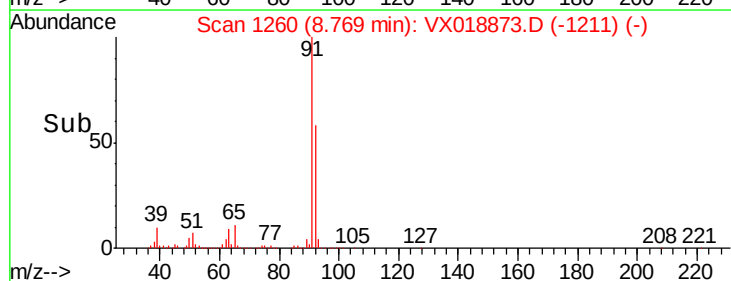
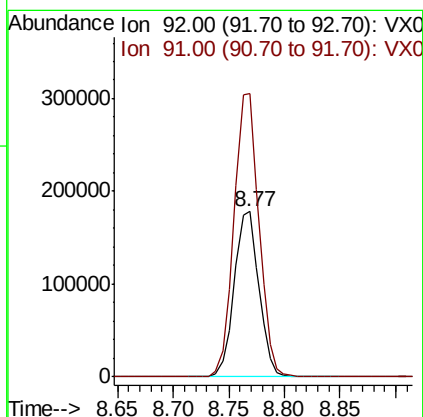
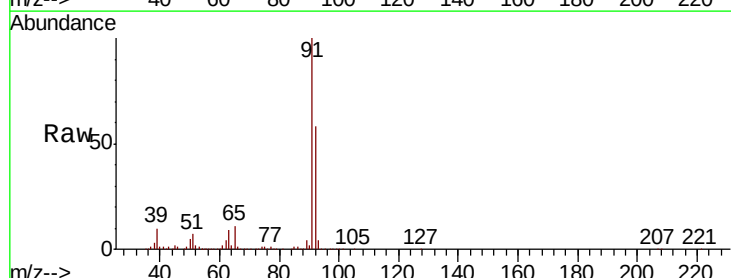
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

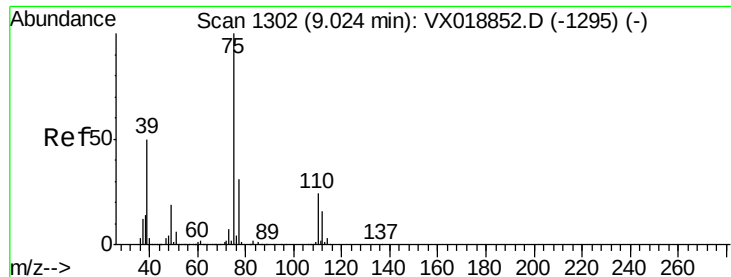
Tot Ion: 43 Resp: 811274
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.9 46.3



#52
 Toluene
 Concen: 51.288 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 92 Resp: 275381
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 50.421 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampled :

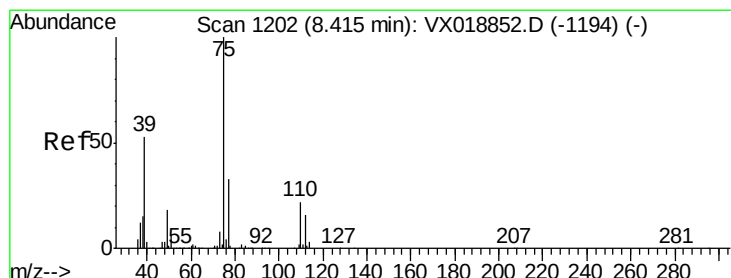
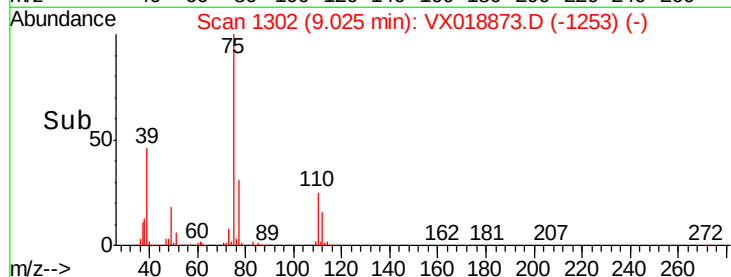
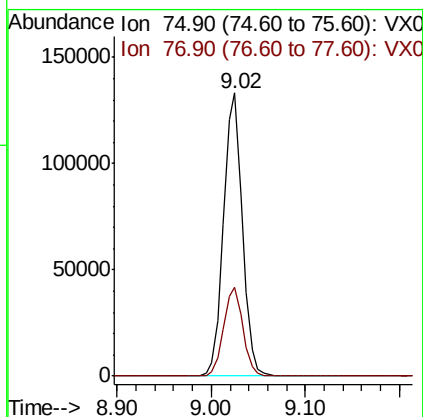
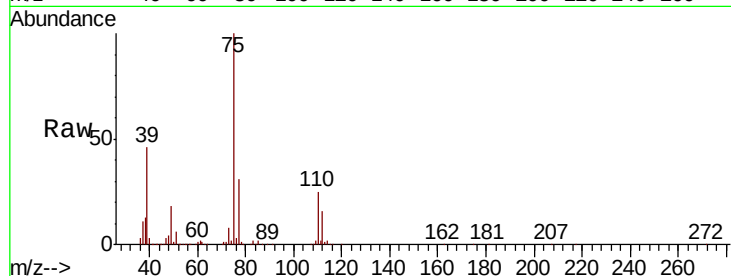
VSTDCCC050

Tot Ion: 75 Resp: 185093

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.242 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

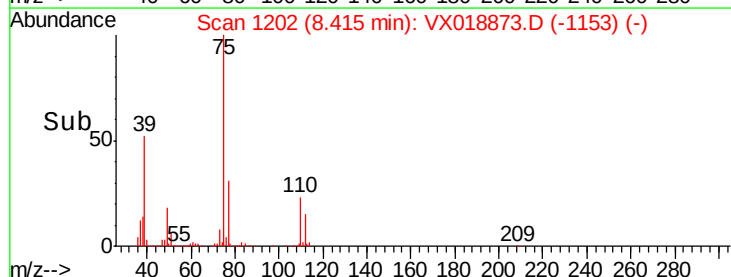
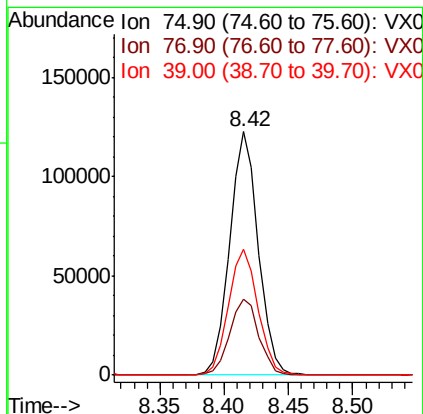
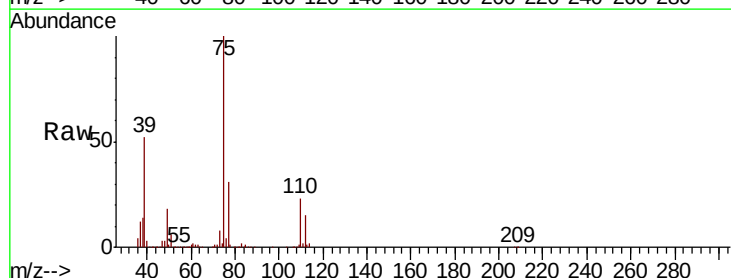
Tgt Ion: 75 Resp: 189730

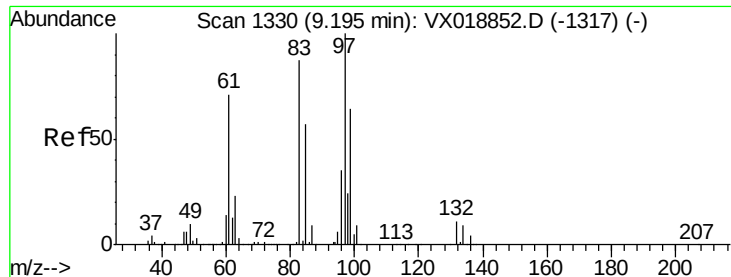
Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8

39 51.6 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 49.703 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 114631

Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.3	103.9
85	54.1	45.3	67.9
99	63.1	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

Time-->

9.10 9.20 9.30

80000

60000

40000

20000

0

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

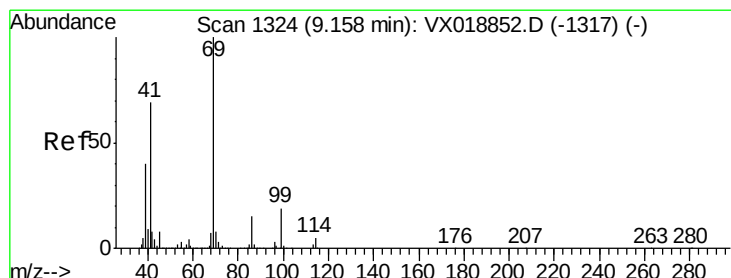
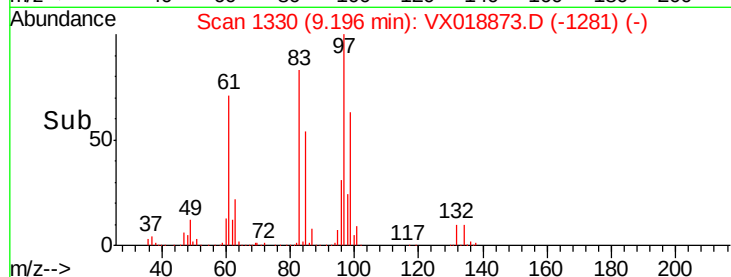
Time-->

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->



#56

Ethyl methacrylate

Concen: 49.619 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion: 69 Resp: 166974

Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.6	81.8
39	40.8	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

Time-->

9.05 9.10 9.15 9.20 9.25

150000

100000

50000

0

9.05 9.10 9.15 9.20 9.25

Time-->

9.05 9.10 9.15 9.20 9.25

Time-->

9.05 9.10 9.15 9.20 9.25

Time-->

9.05 9.10 9.15 9.20 9.25

Time-->

9.05 9.10 9.15 9.20 9.25

Time-->

9.05 9.10 9.15 9.20 9.25

Time-->

9.05 9.10 9.15 9.20 9.25

Time-->

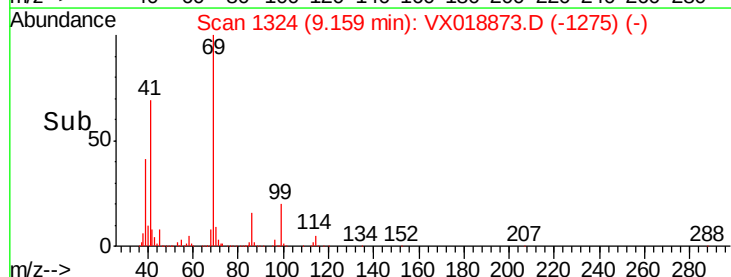
9.05 9.10 9.15 9.20 9.25

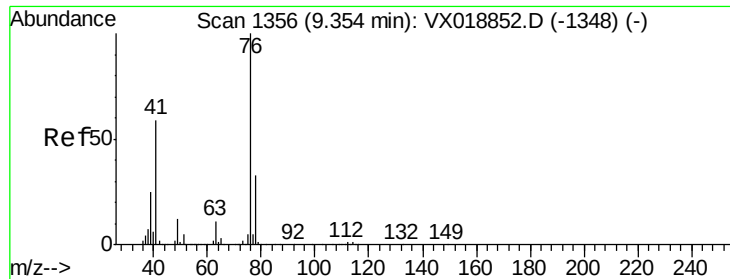
Time-->

9.05 9.10 9.15 9.20 9.25

Time-->

9.05 9.10 9.15 9.20 9.25

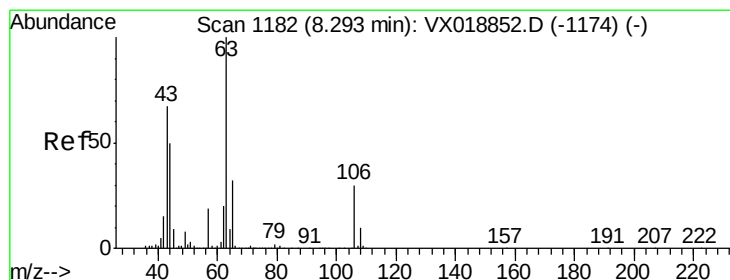
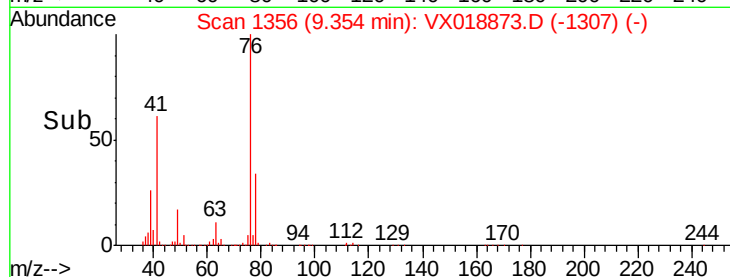
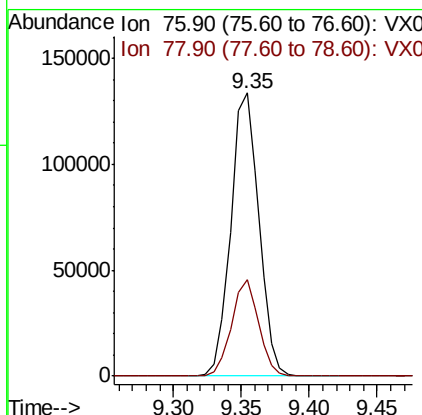
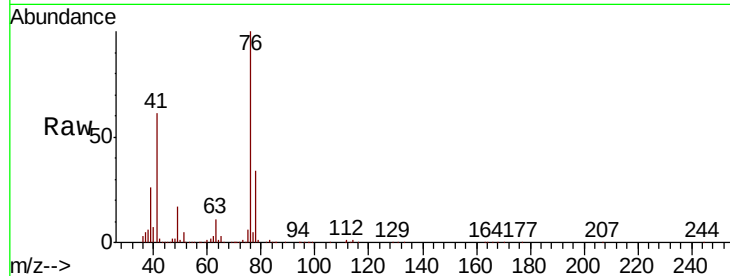




#57
 1,3-Dichloropropane
 Concen: 51.377 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

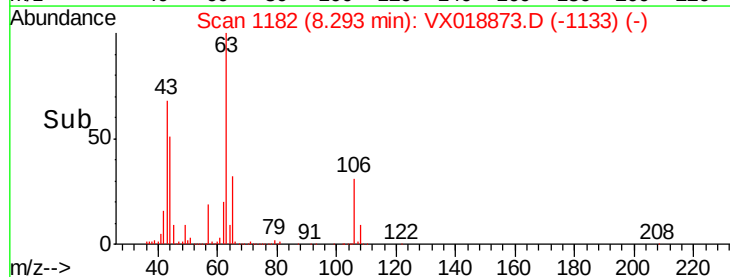
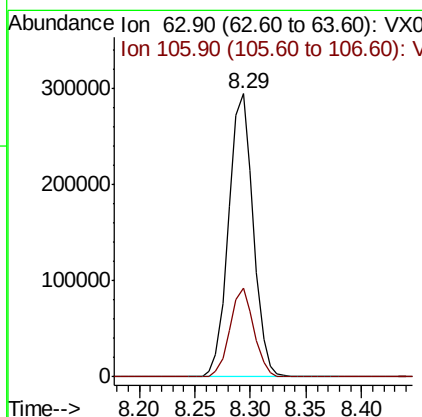
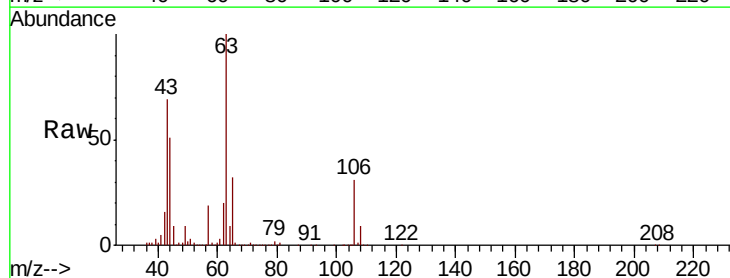
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

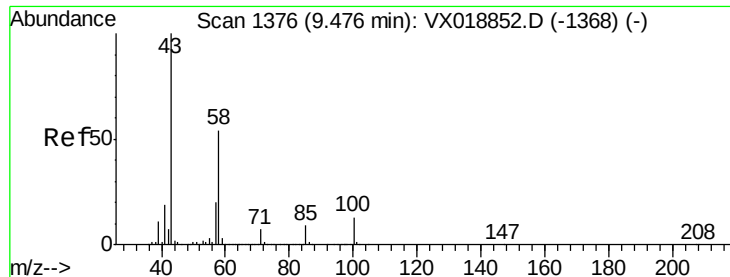
Tot Ion: 76 Resp: 192263
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.776 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 63 Resp: 450159
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.2 36.4

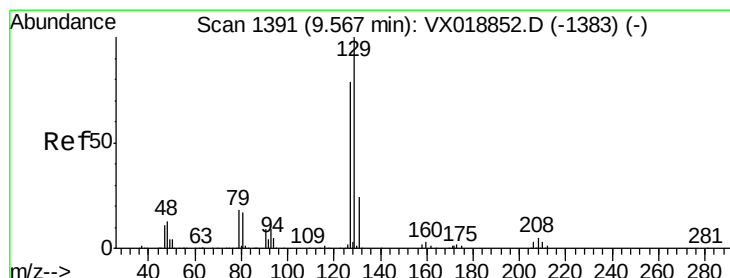
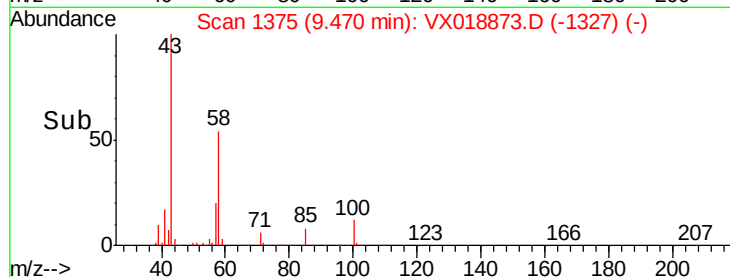
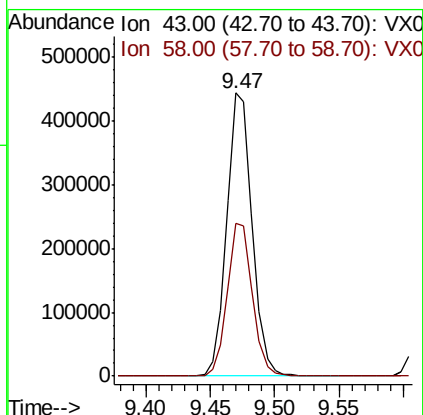
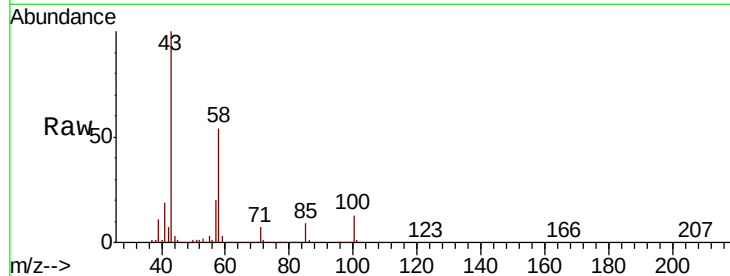




#59
2-Hexanone
Concen: 276.450 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

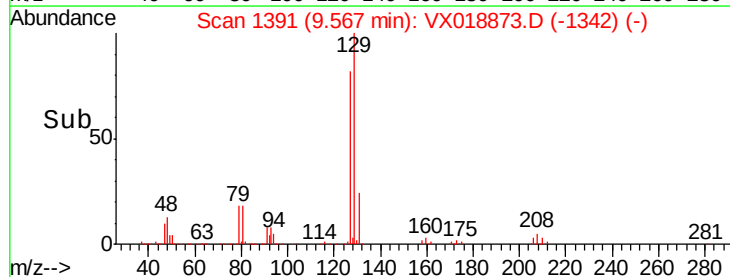
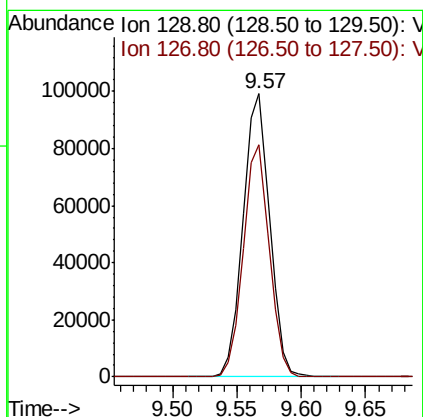
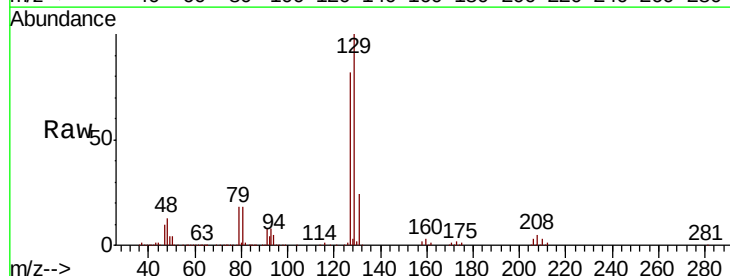
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

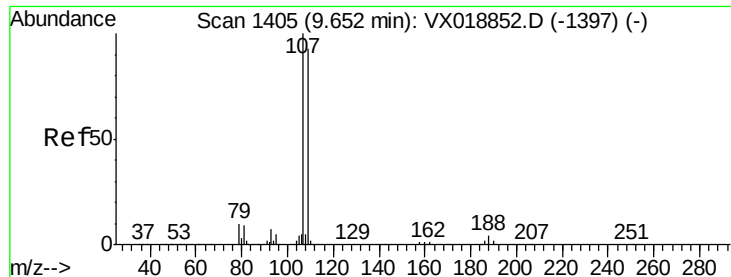
Tot Ion: 43 Resp: 614409
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1



#60
Dibromochloromethane
Concen: 48.747 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 129 Resp: 141128
Ion Ratio Lower Upper
129 100
127 80.3 39.5 118.5





#61

1,2-Dibromoethane

Concen: 51.083 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

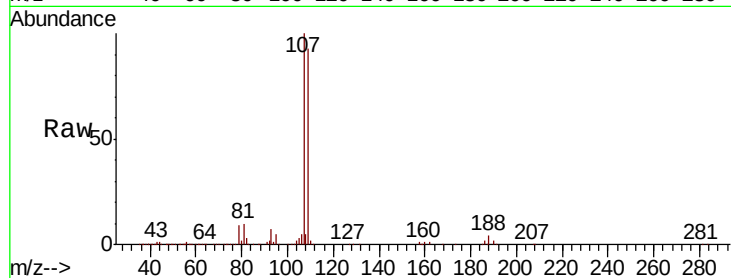
VSTDCCC050

Tot Ion:107 Resp: 126339

Ion Ratio Lower Upper

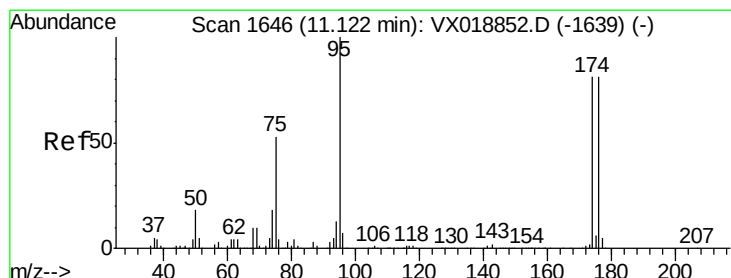
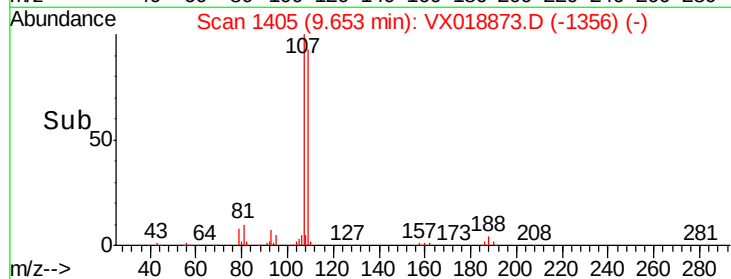
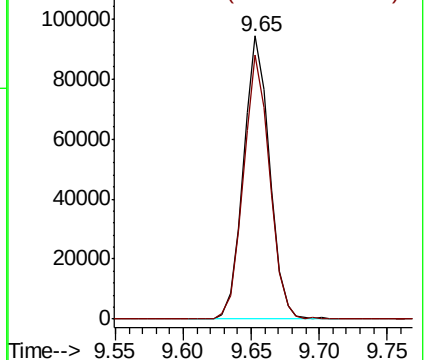
107 100

109 93.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.483 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

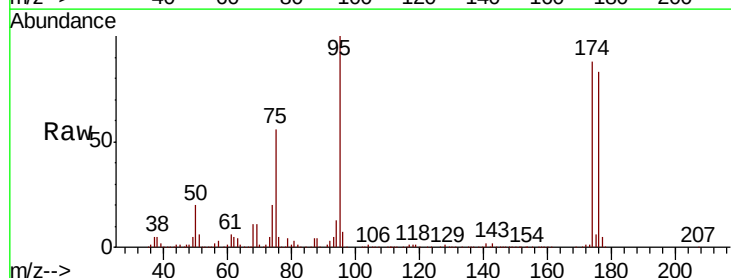
Tgt Ion: 95 Resp: 150243

Ion Ratio Lower Upper

95 100

174 84.1 0.0 160.0

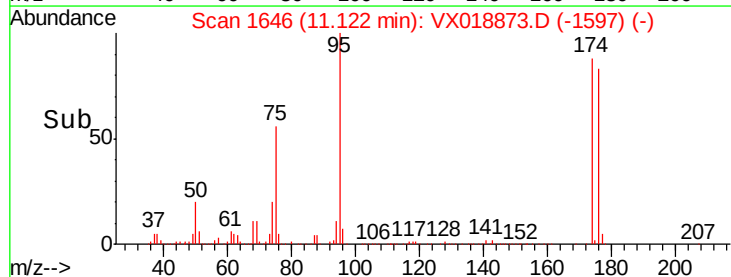
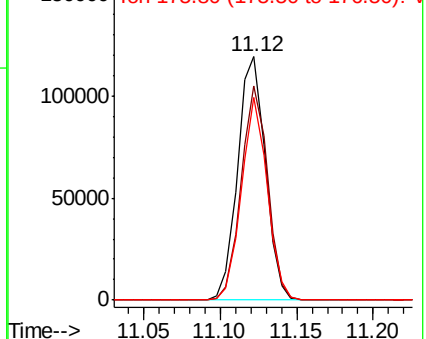
176 77.6 0.0 161.2

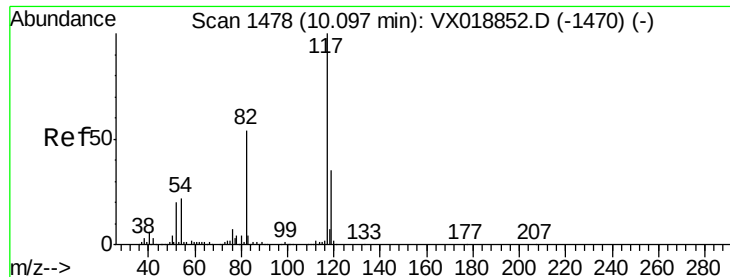


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

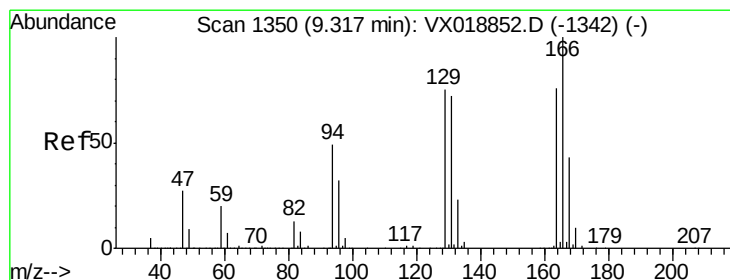
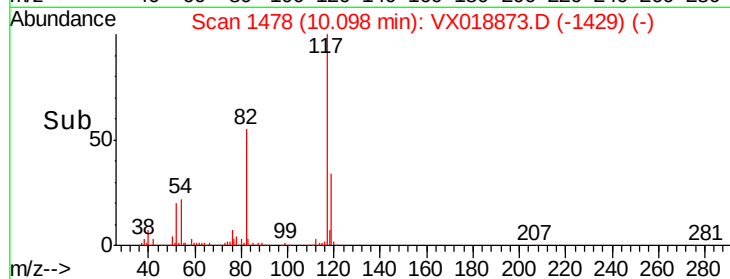
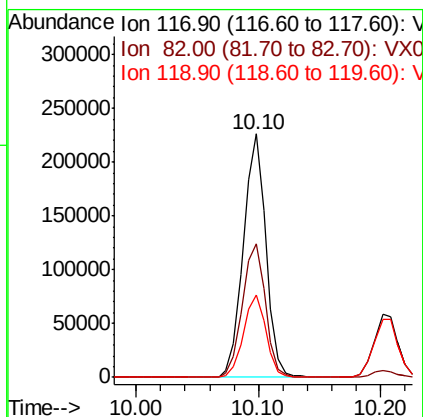
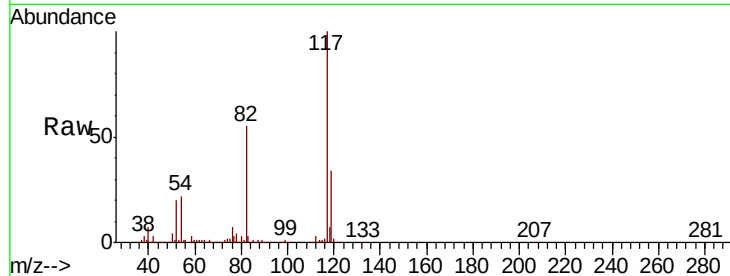




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

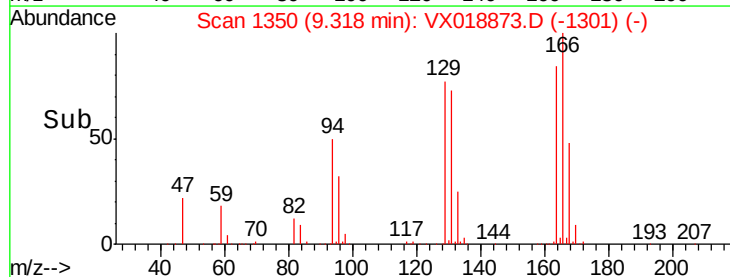
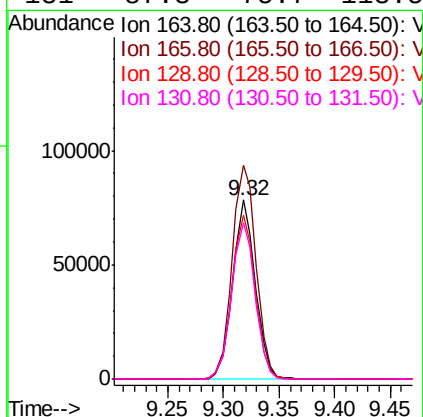
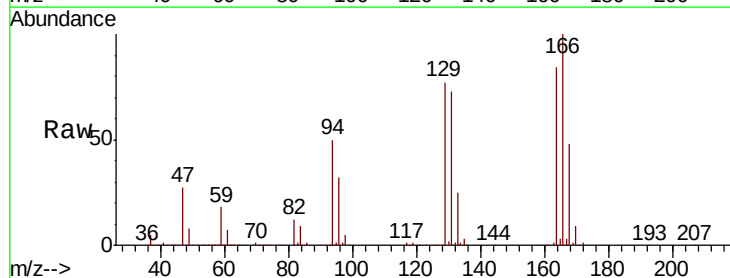
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

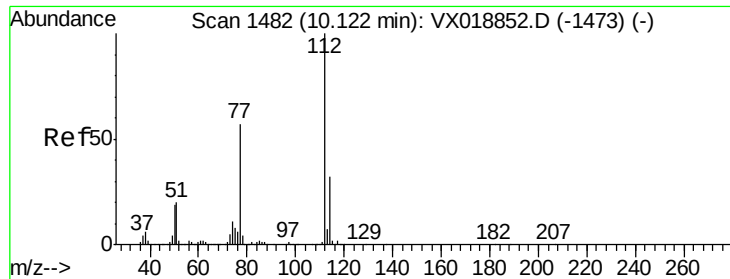
Tot Ion:117 Resp: 288289
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.2
119 33.8 28.3 42.5



#64
Tetrachloroethene
Concen: 52.384 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion:164 Resp: 110149
Ion Ratio Lower Upper
164 100
166 119.5 105.4 158.0
129 91.8 79.0 118.6
131 87.3 75.7 113.5

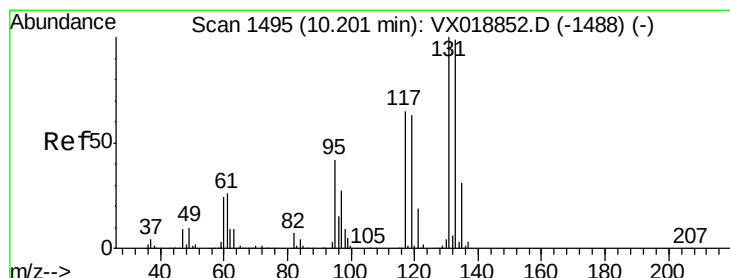
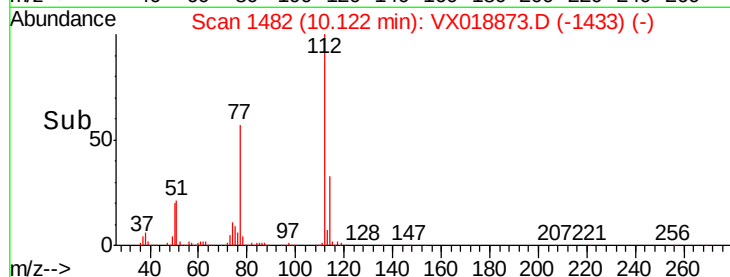
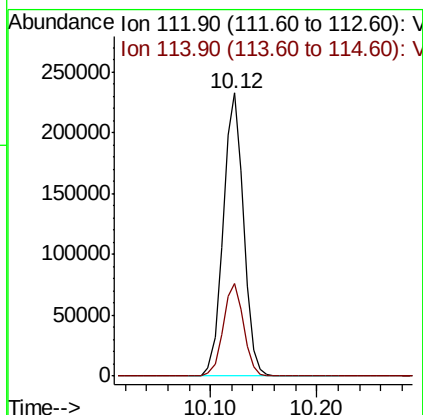
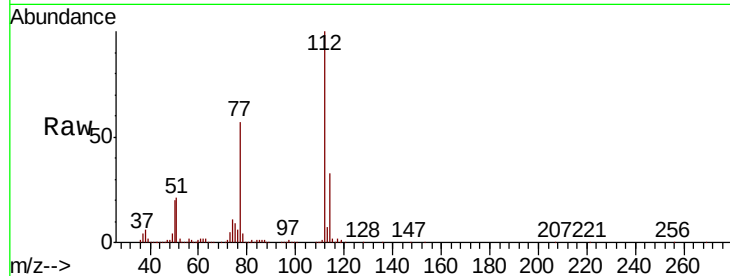




#65
Chlorobenzene
Concen: 49.942 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

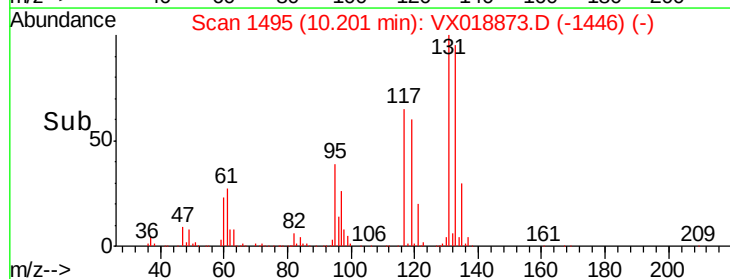
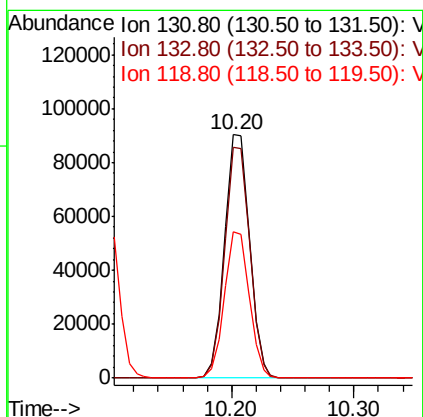
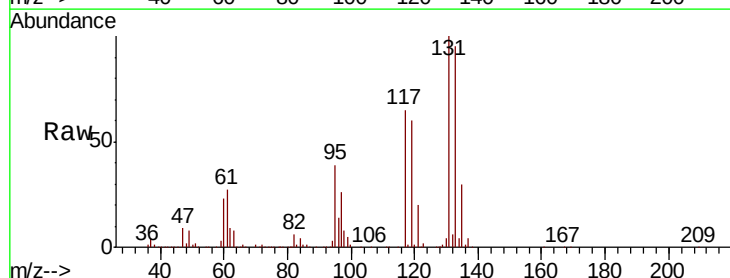
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

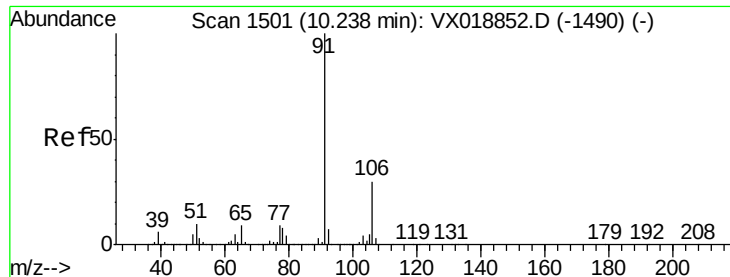
Tot Ion:112 Resp: 311142
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.838 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion:131 Resp: 128095
Ion Ratio Lower Upper
131 100
133 95.2 48.6 145.8
119 59.7 31.1 93.3

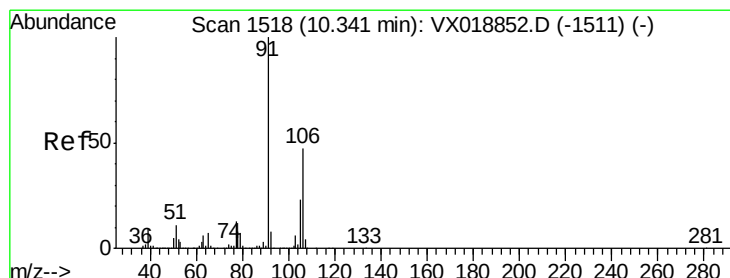
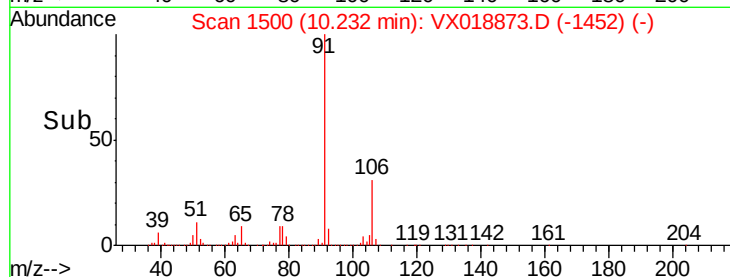
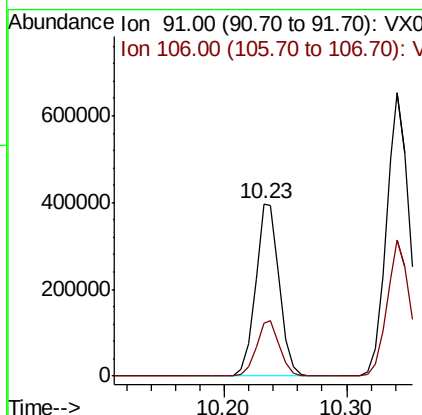
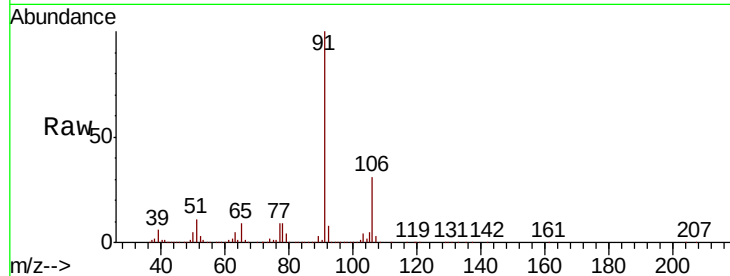




#67
Ethyl Benzene
Concen: 50.963 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

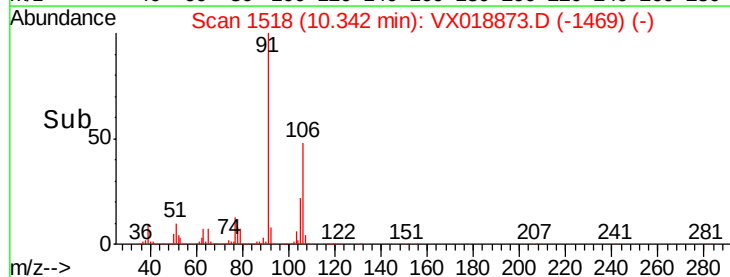
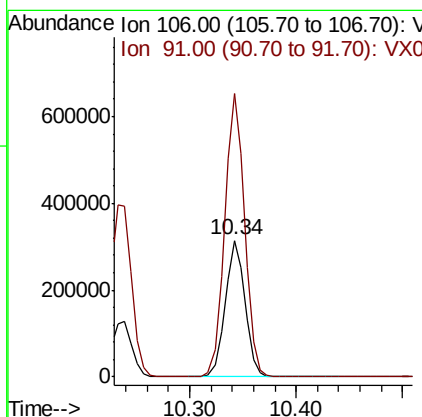
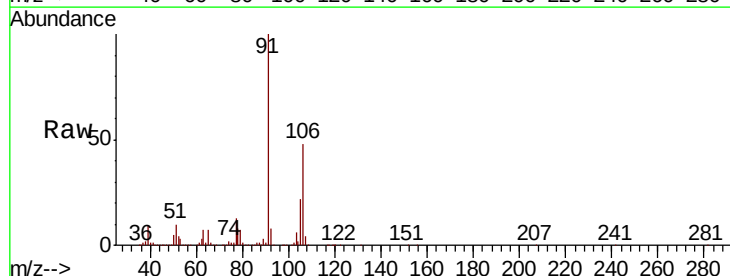
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

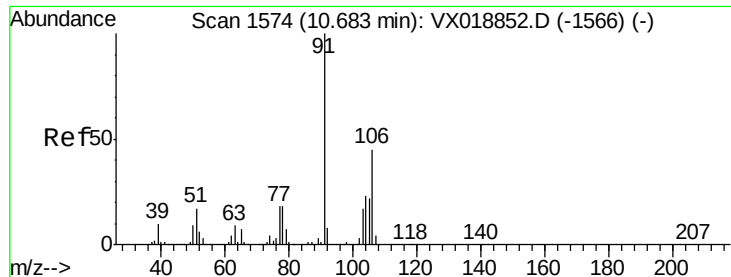
Tot Ion: 91 Resp: 535624
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 102.155 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 106 Resp: 407908
Ion Ratio Lower Upper
106 100
91 208.9 165.6 248.4

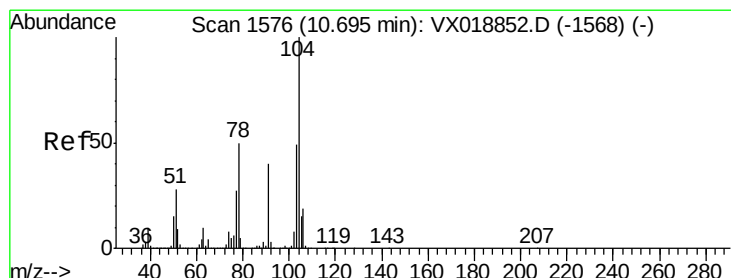
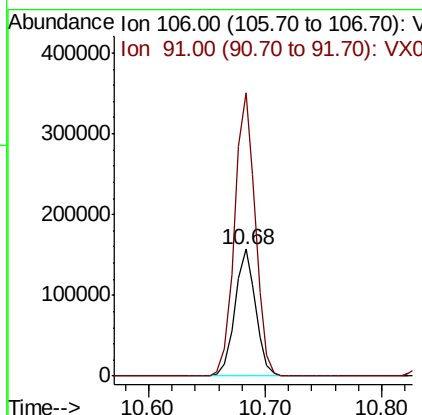
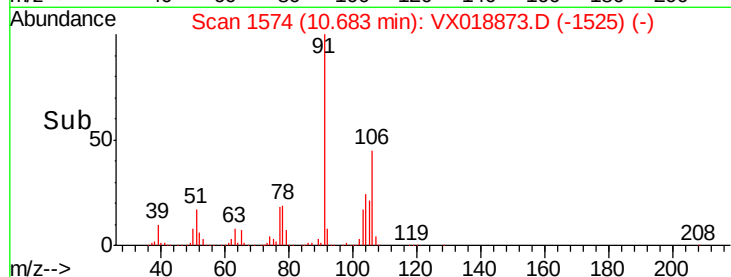
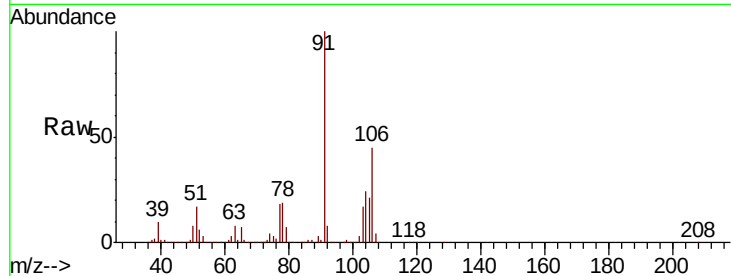




#69
o-Xylene
Concen: 51.813 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

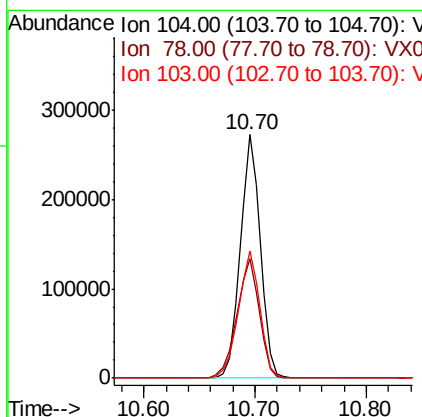
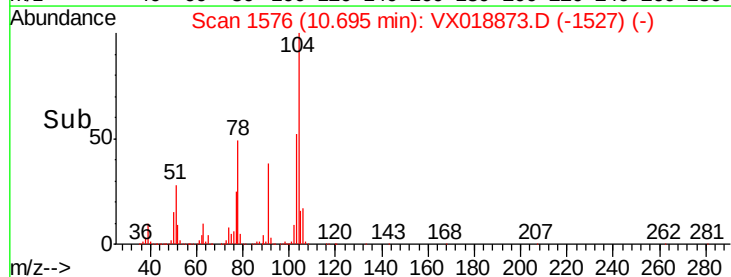
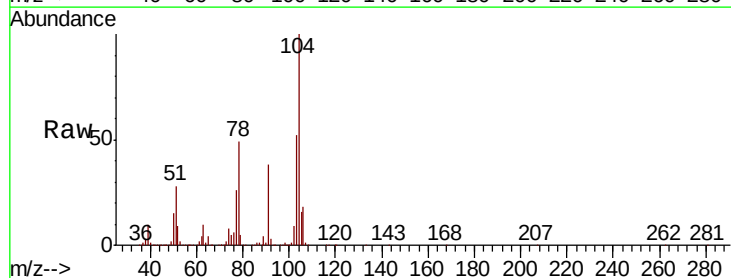
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

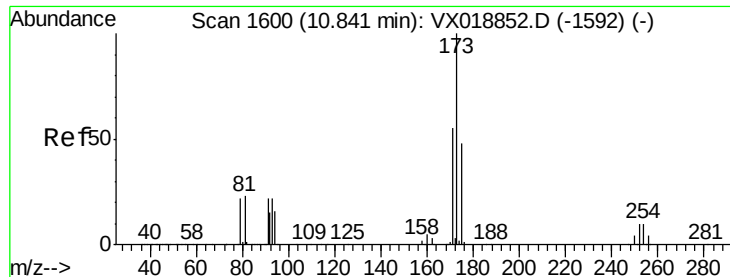
Tot Ion:106 Resp: 194925
Ion Ratio Lower Upper
106 100
91 222.6 109.9 329.6



#70
Styrene
Concen: 53.209 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion:104 Resp: 338886
Ion Ratio Lower Upper
104 100
78 55.0 43.5 65.3
103 56.3 43.3 64.9





#71

Bromoform

Concen: 49.576 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

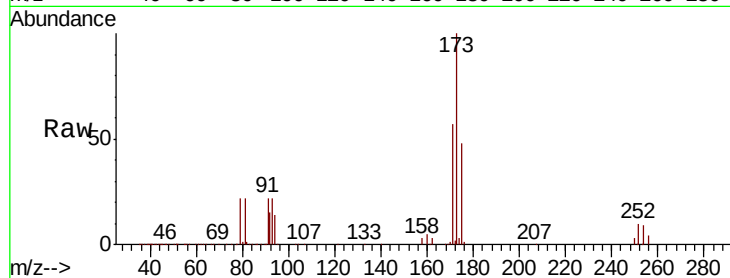
Tot Ion:173 Resp: 110210

Ion Ratio Lower Upper

173 100

175 48.1 23.4 70.0

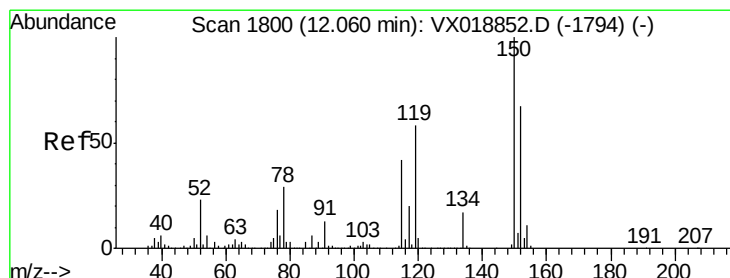
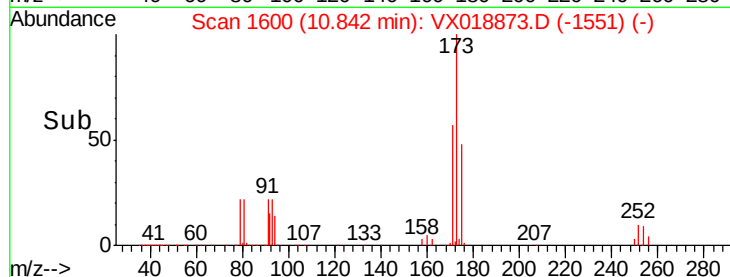
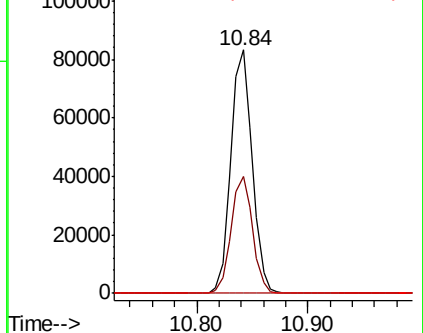
254 0.0 0.0 0.0#



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: VX018873.D

Acq: 09 Oct 2020 22:40

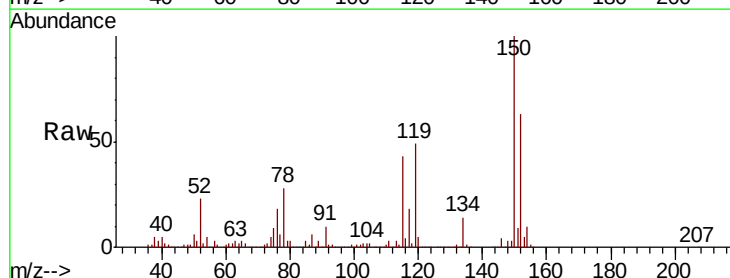
Tgt Ion:152 Resp: 161467

Ion Ratio Lower Upper

152 100

115 84.3 41.8 125.4

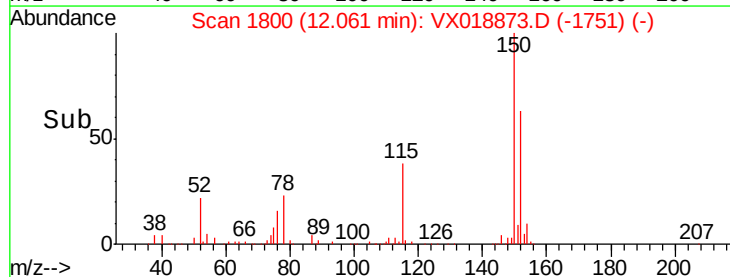
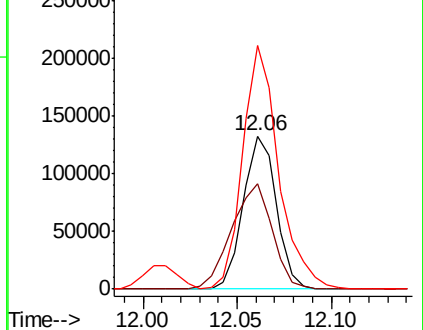
150 172.3 0.0 347.6

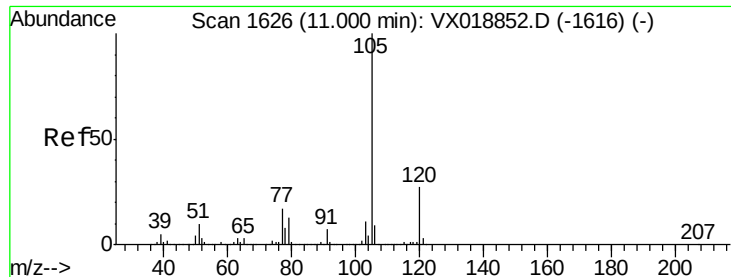


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.285 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

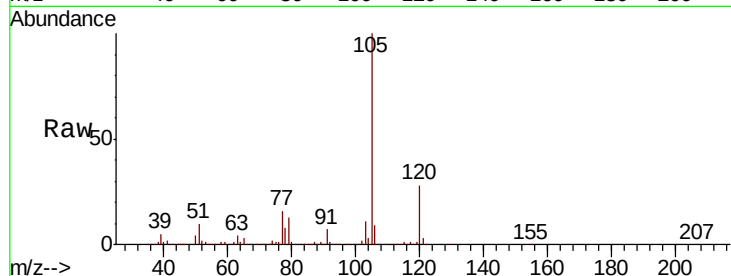
VSTDCCC050

Tot Ion:105 Resp: 552260

Ion Ratio Lower Upper

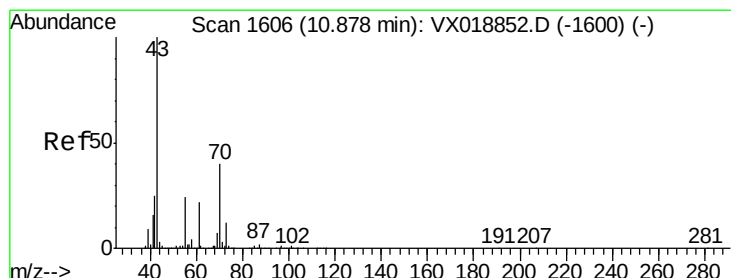
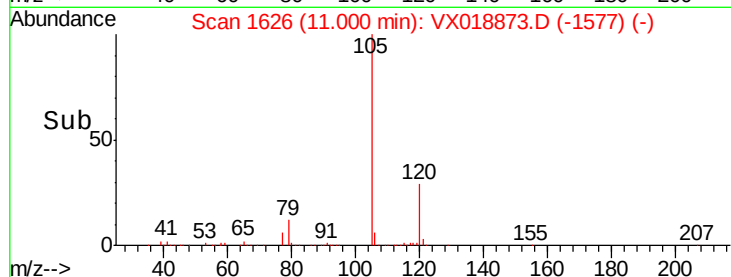
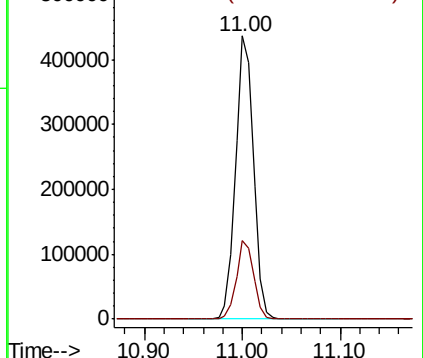
105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.939 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion: 43 Resp: 233768

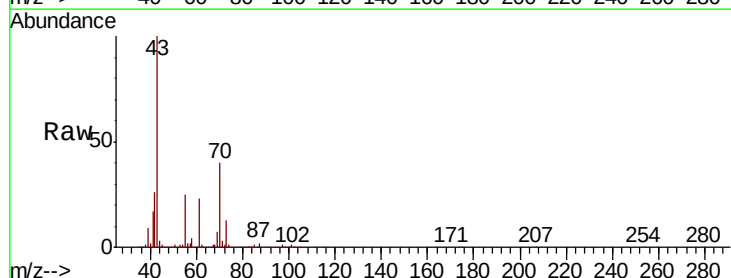
Ion Ratio Lower Upper

43 100

70 41.6 33.7 50.5

55 24.5 19.8 29.8

61 24.1 18.6 28.0

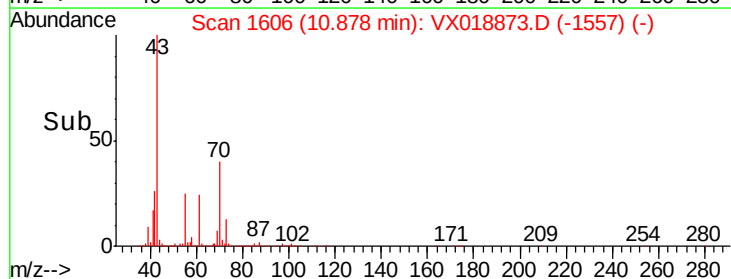
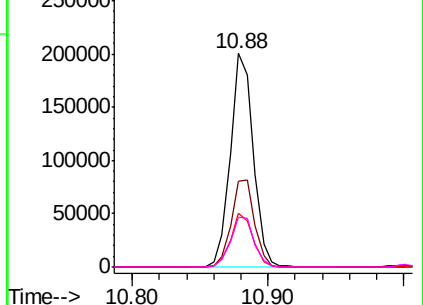


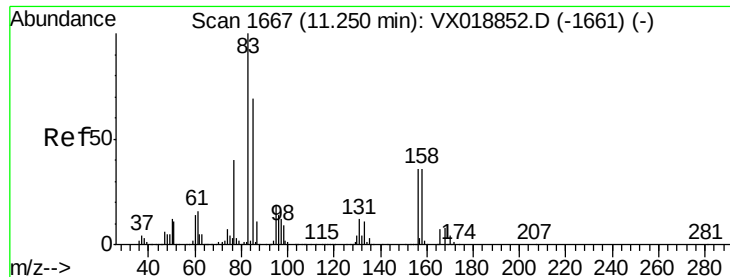
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.392 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

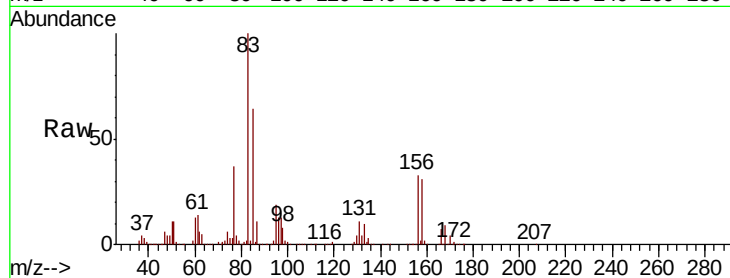
Tot Ion: 83 Resp: 173883

Ion Ratio Lower Upper

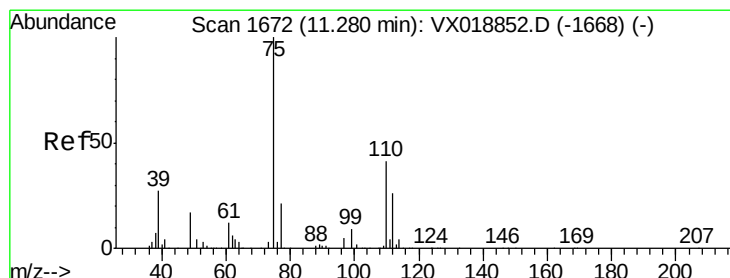
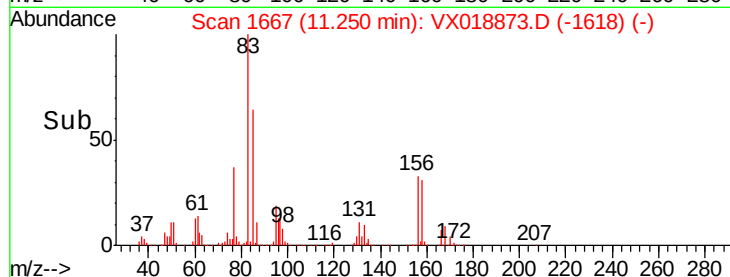
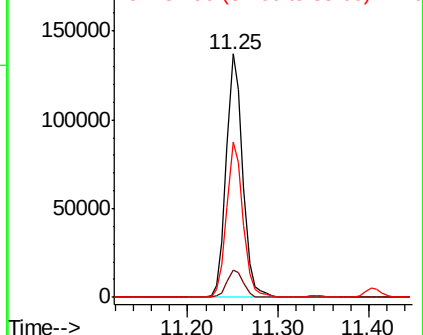
83 100

131 11.2 5.9 17.8

85 63.6 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.968 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018873.D

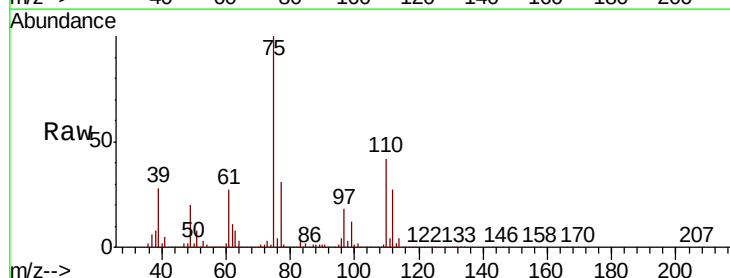
Acq: 09 Oct 2020 22:40

Tgt Ion: 75 Resp: 212113

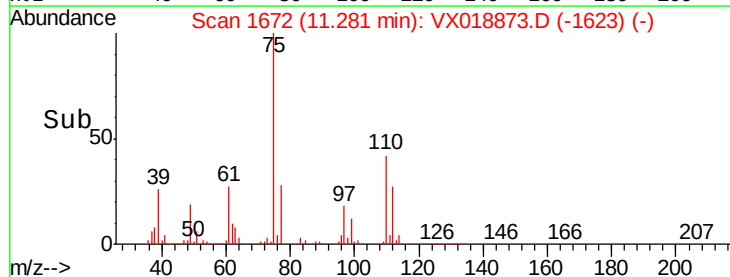
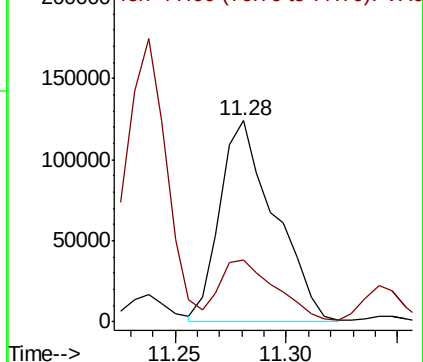
Ion Ratio Lower Upper

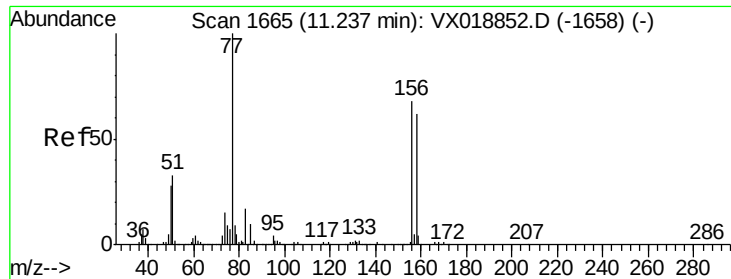
75 100

77 31.4 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: 49.652 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

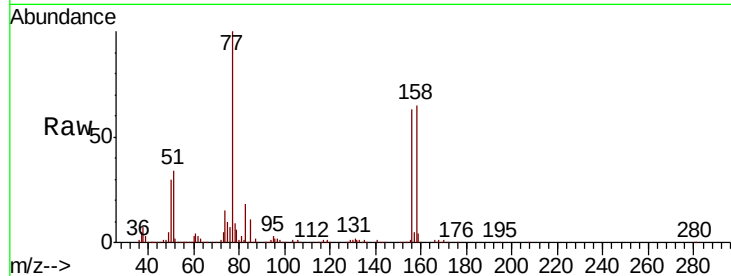
Tot Ion:156 Resp: 144064

Ion Ratio Lower Upper

156 100

77 154.5 76.0 228.1

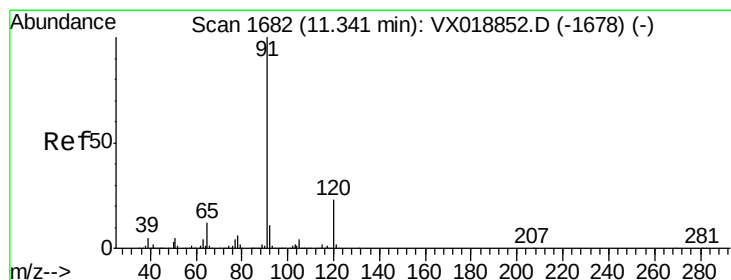
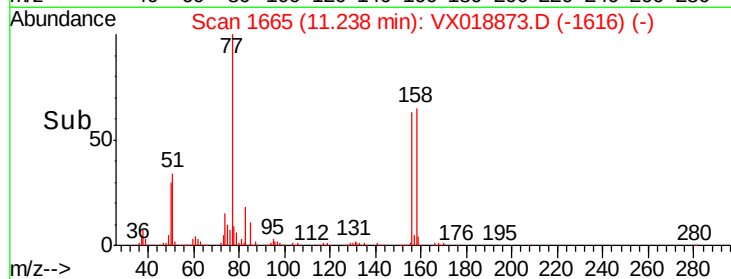
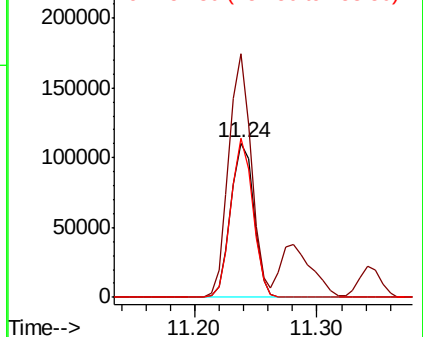
158 97.9 47.2 141.6



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: 52.171 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018873.D

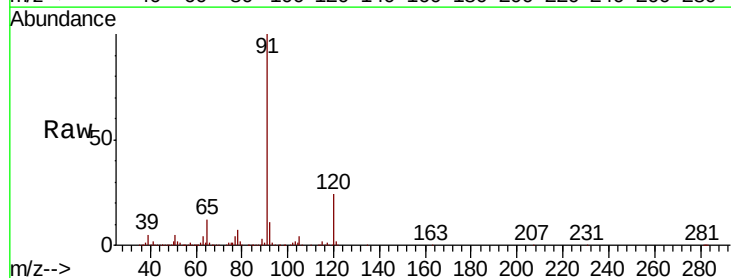
Acq: 09 Oct 2020 22:40

Tgt Ion: 91 Resp: 627917

Ion Ratio Lower Upper

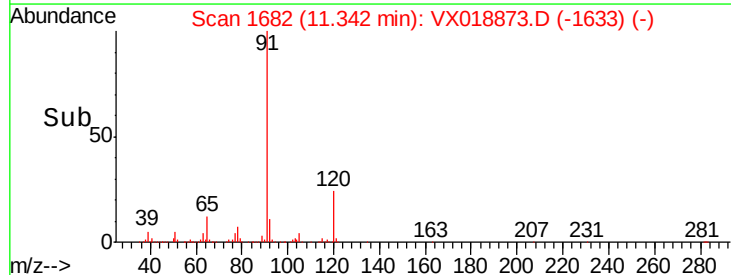
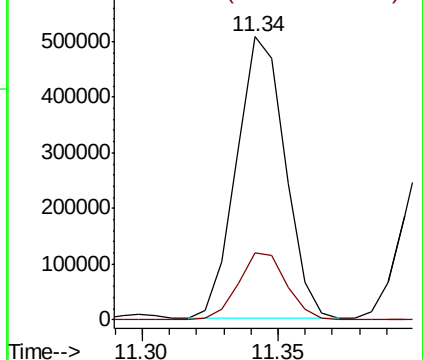
91 100

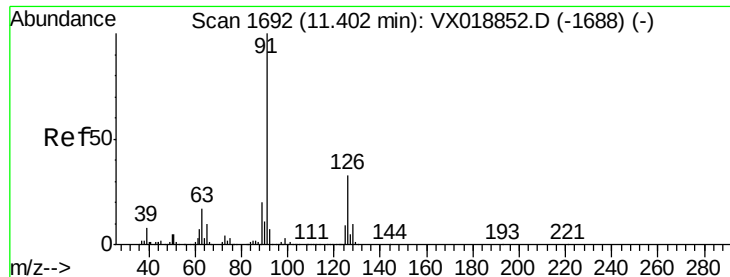
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

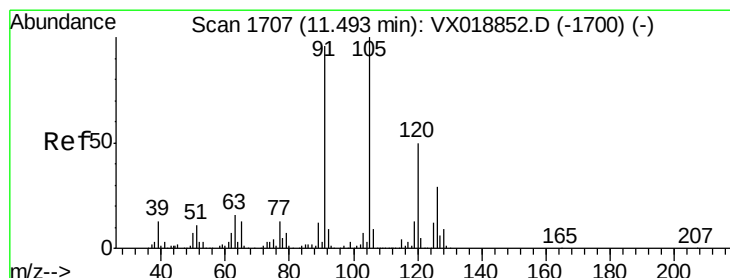
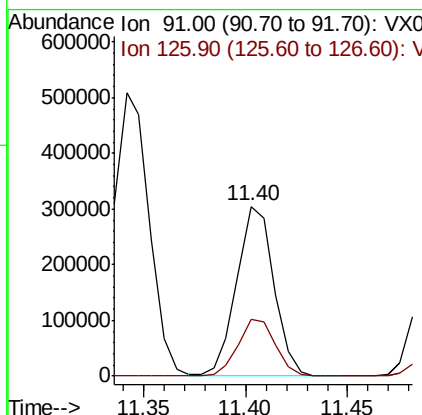
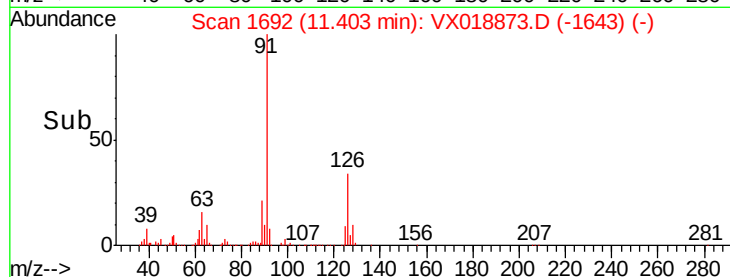
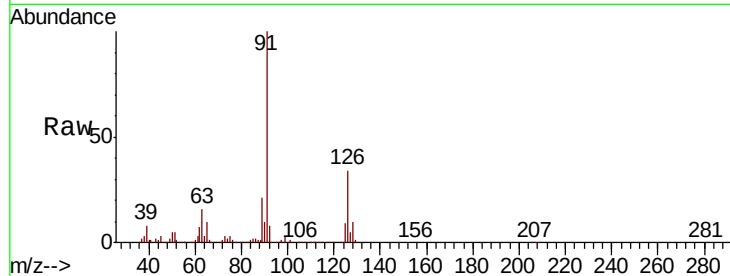




#79
2-Chlorotoluene
Concen: 51.352 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

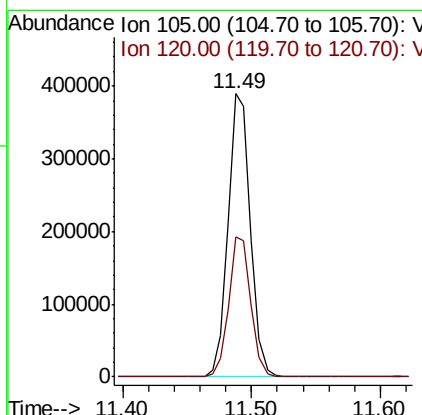
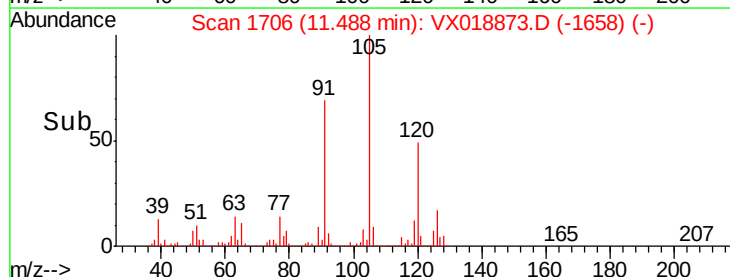
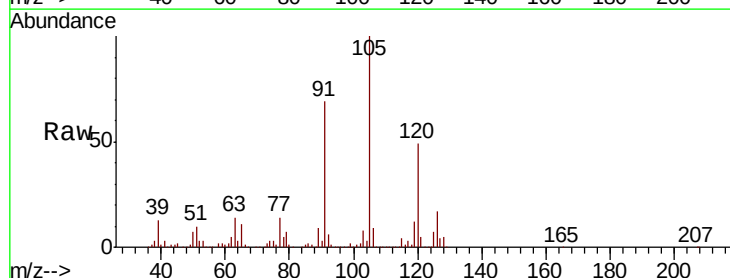
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

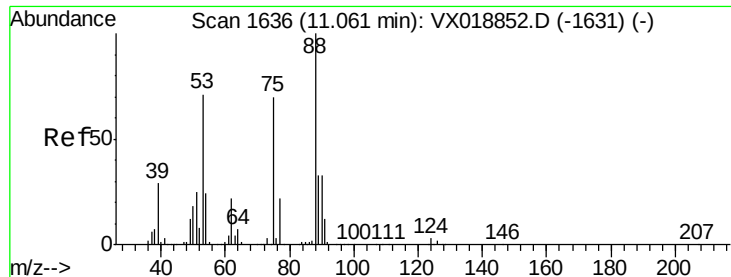
Tot Ion: 91 Resp: 385268
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 52.273 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 105 Resp: 472278
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.440 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

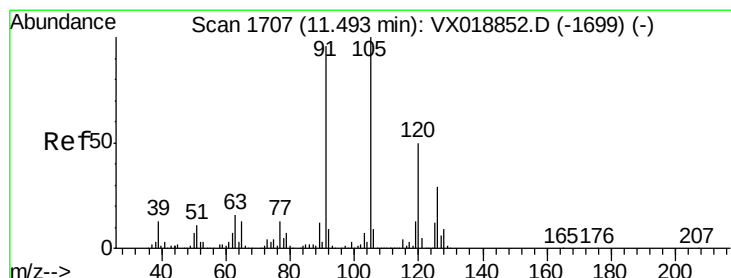
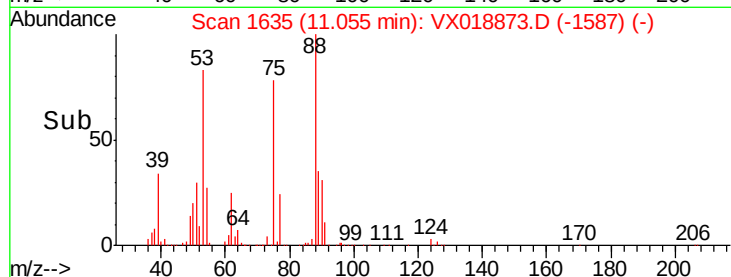
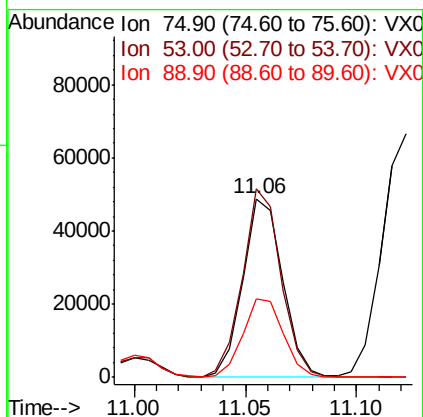
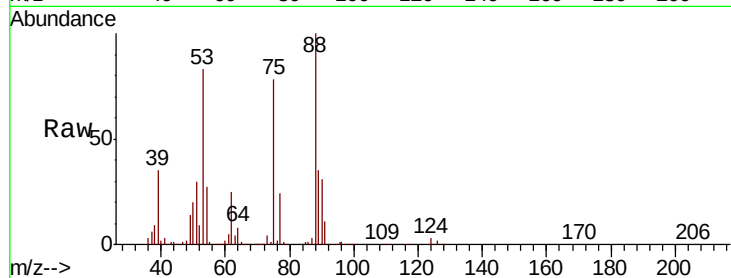
Tot Ion: 75 Resp: 60695

Ion Ratio Lower Upper

75 100

53 103.0 85.0 127.4

89 45.6 39.0 58.4



#82

4-Chlorotoluene

Concen: 51.191 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018873.D

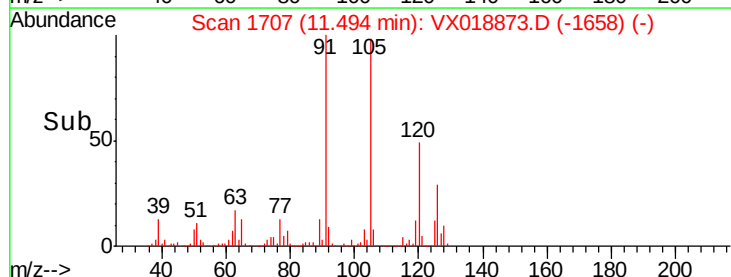
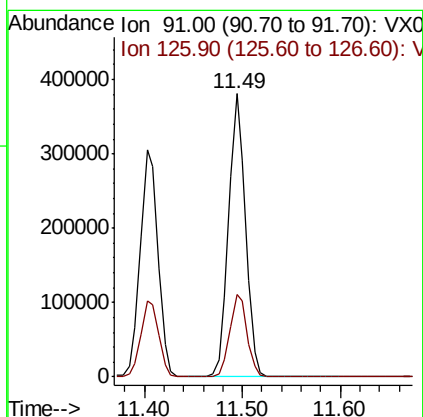
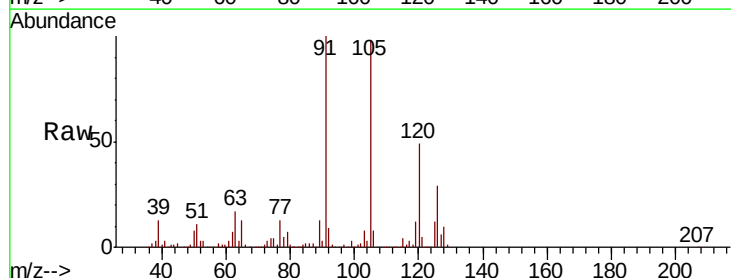
Acq: 09 Oct 2020 22:40

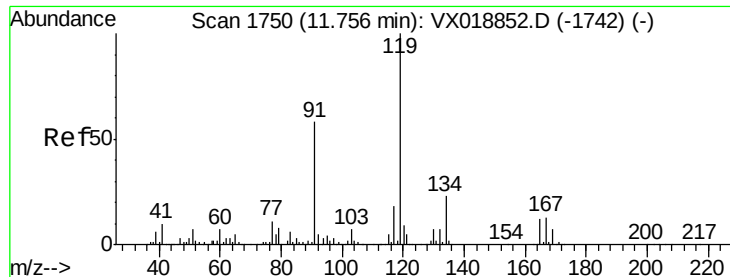
Tgt Ion: 91 Resp: 456666

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7

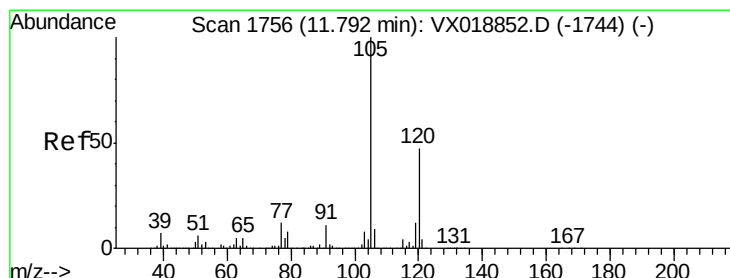
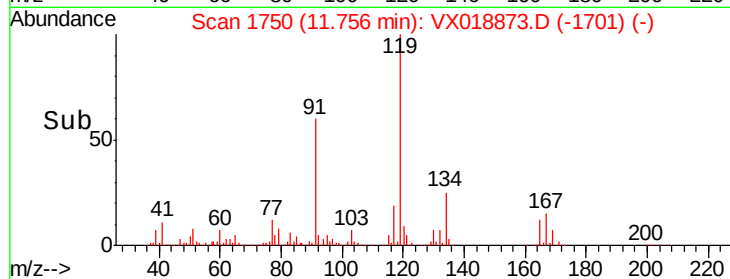
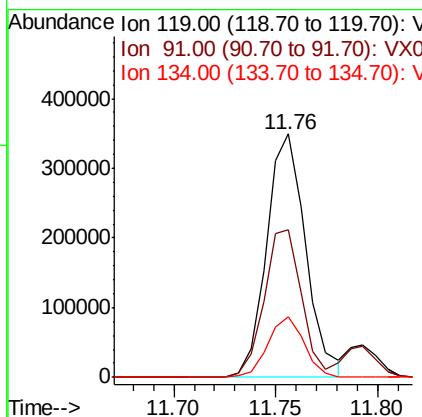
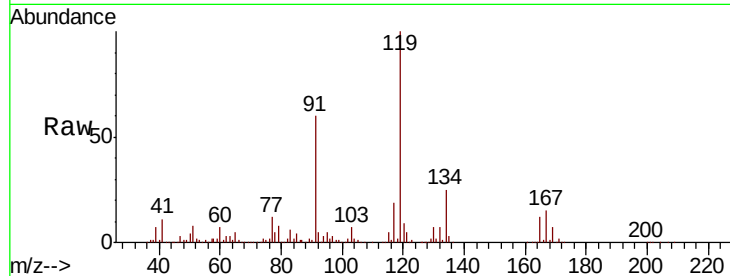




#83
 tert-Butylbenzene
 Concen: 51.544 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

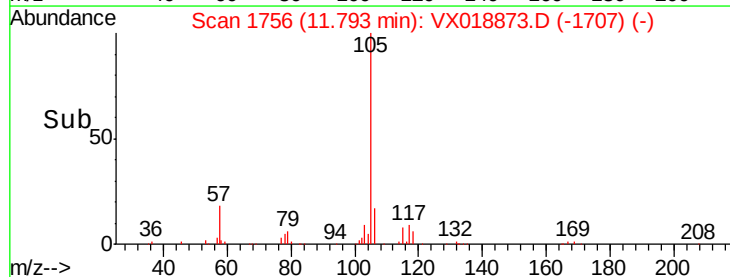
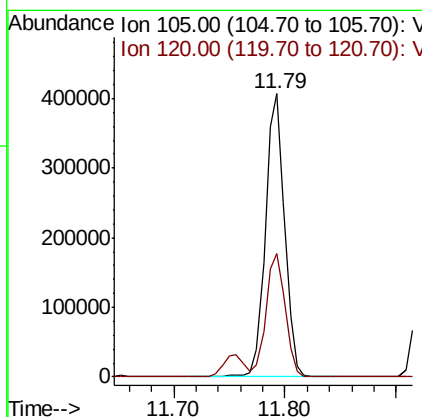
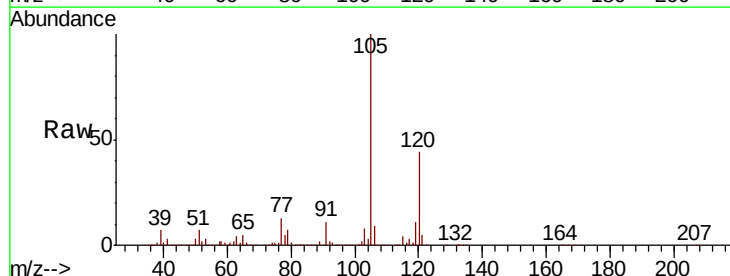
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

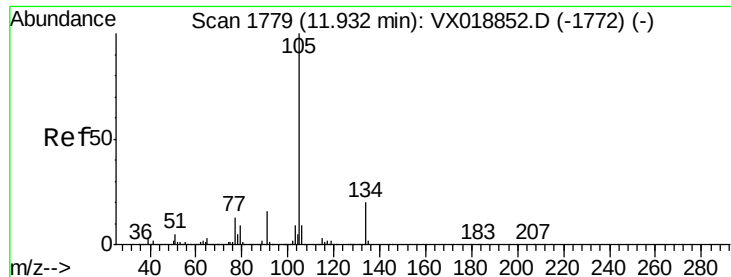
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.6	85.9
134	23.2	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.433 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.6	67.8

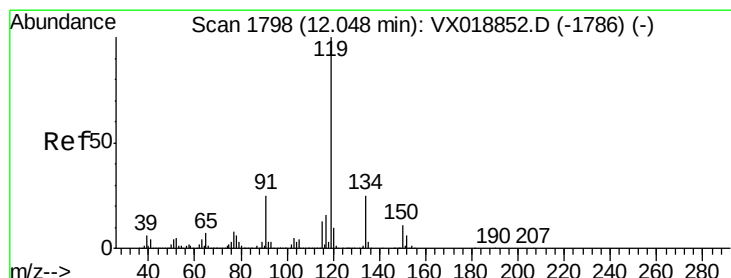
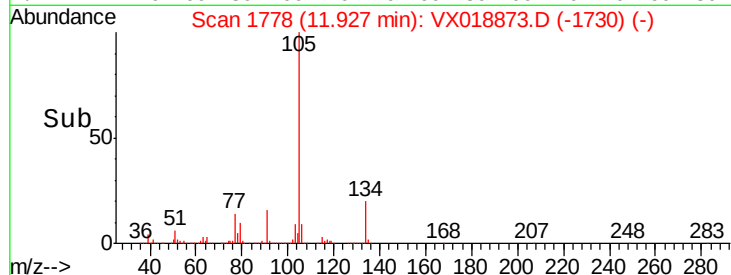
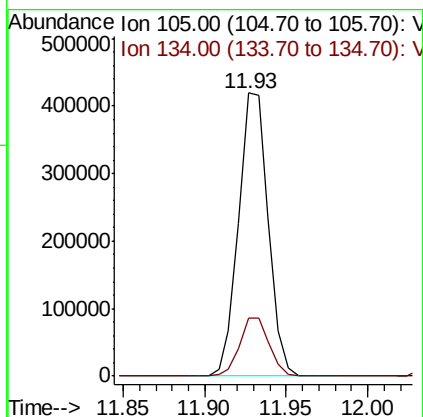
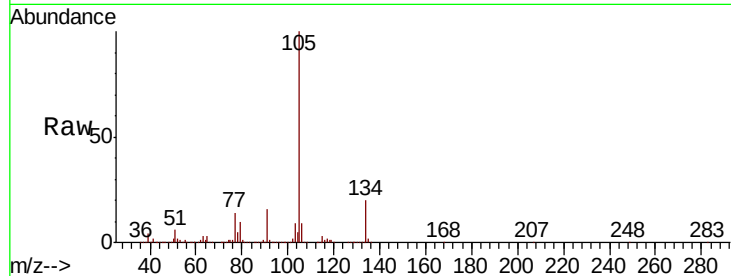




#85
 sec-Butylbenzene
 Concen: 52.379 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

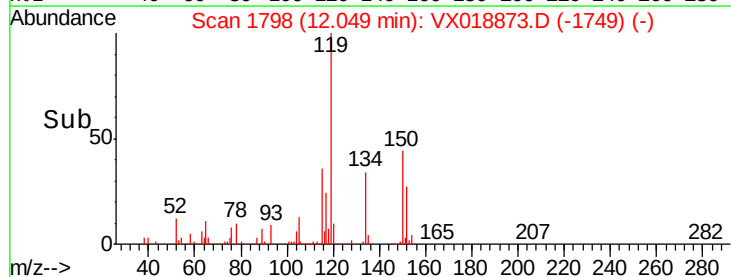
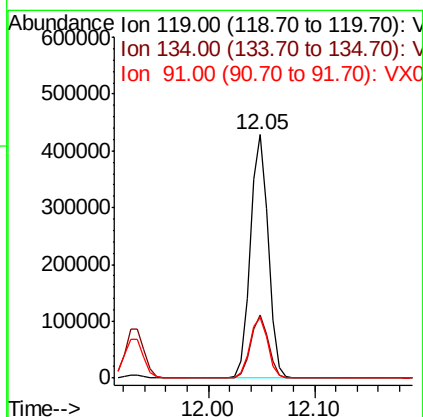
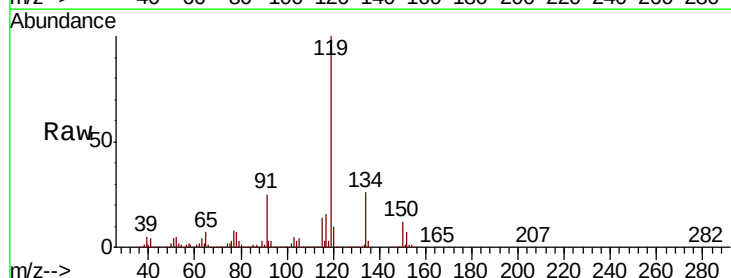
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

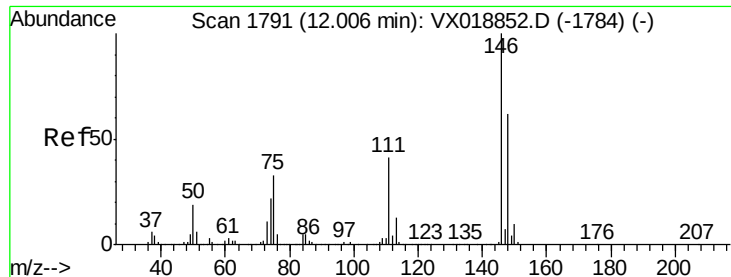
Tot Ion:105 Resp: 533904
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.295 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion:119 Resp: 505701
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.0 12.3 36.9

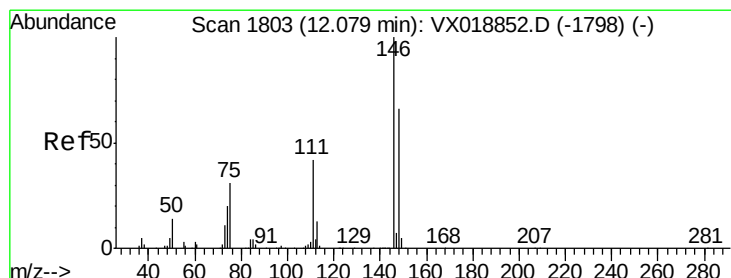
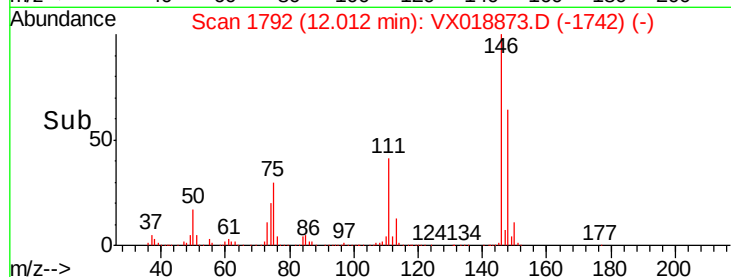
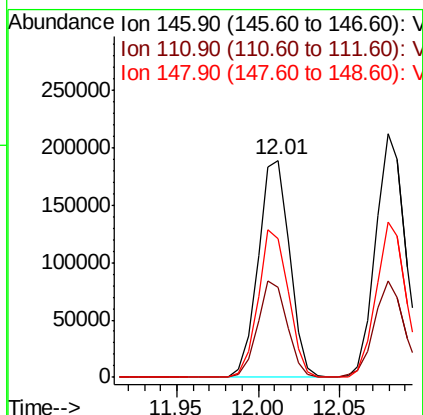
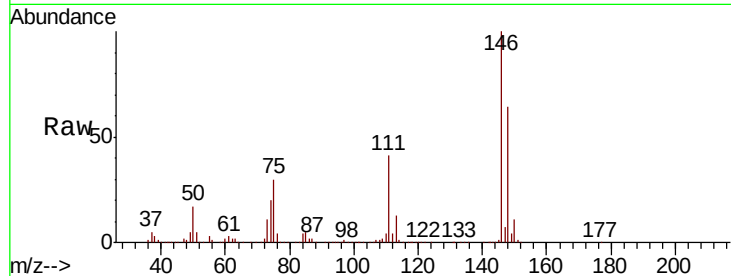




#87
 1,3-Dichlorobenzene
 Concen: 47.493 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

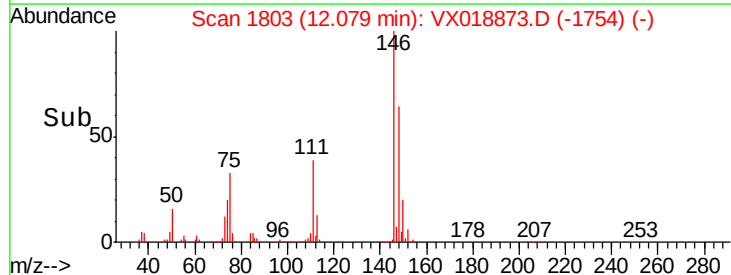
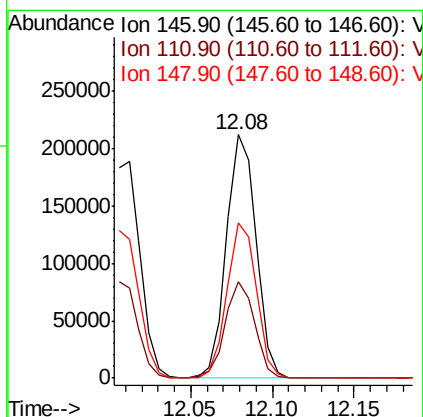
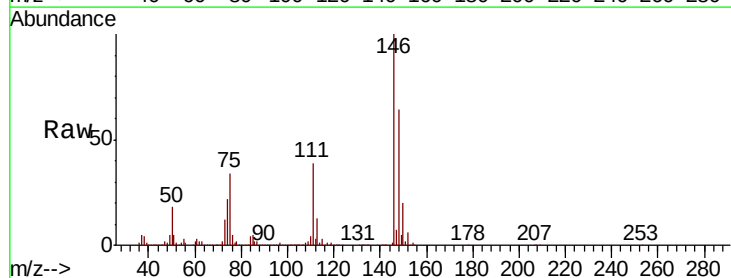
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

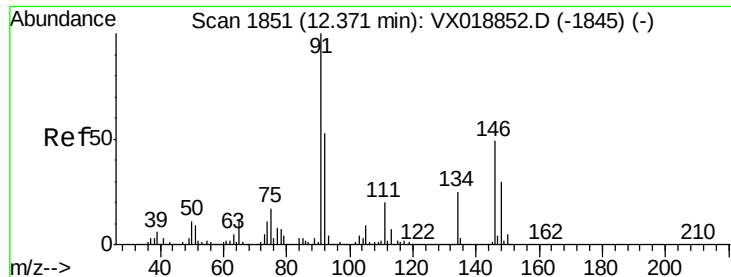
Tot Ion:146 Resp: 253071
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 59.9
 148 65.6 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 49.537 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion:146 Resp: 267378
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.5 61.5
 148 63.3 32.2 96.6

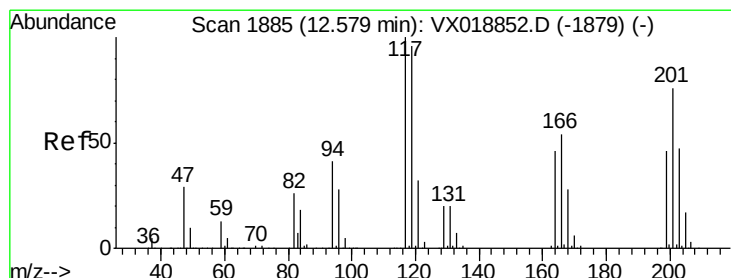
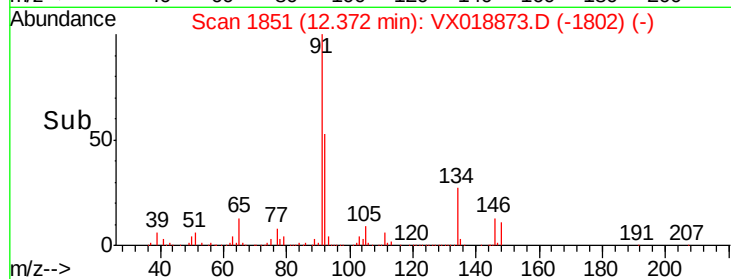
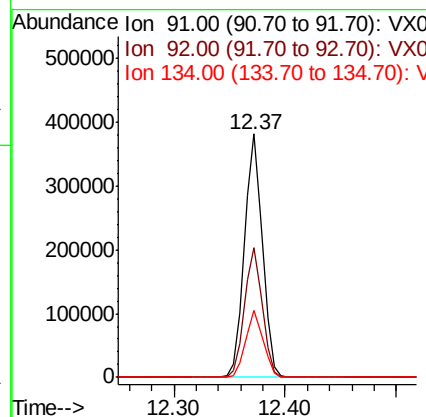
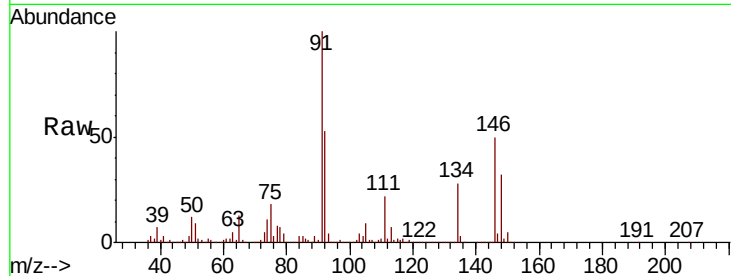




#89
n-Butylbenzene
Concen: 50.839 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

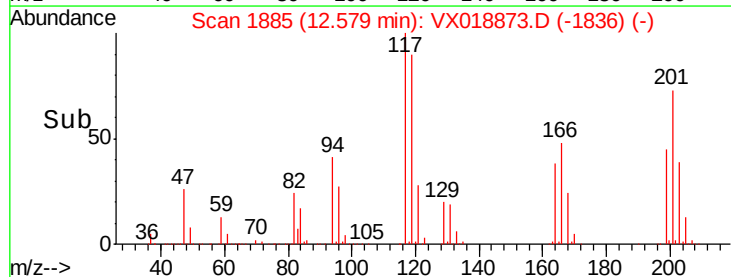
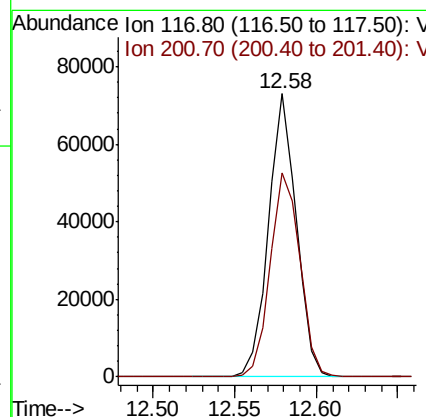
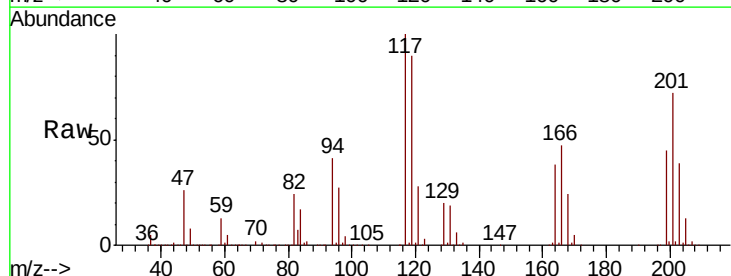
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

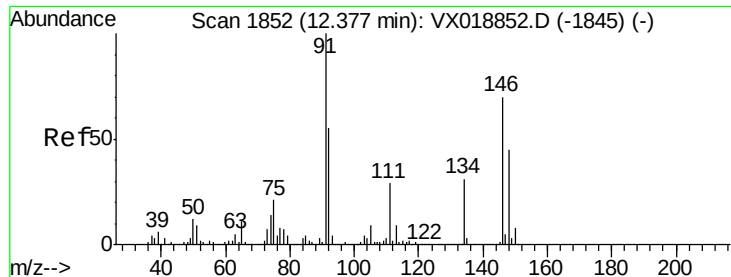
Tot Ion: 91 Resp: 427157
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 26.8 13.5 40.4



#90
Hexachloroethane
Concen: 48.185 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 117 Resp: 86625
Ion Ratio Lower Upper
117 100
201 77.3 37.4 112.2

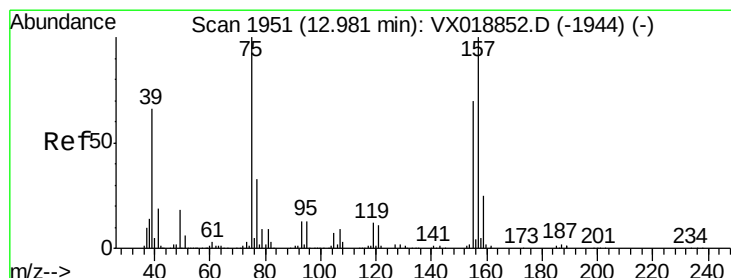
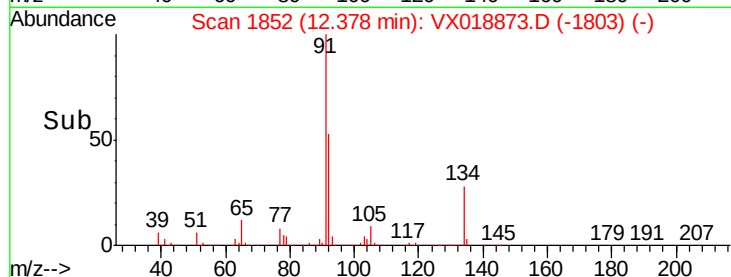
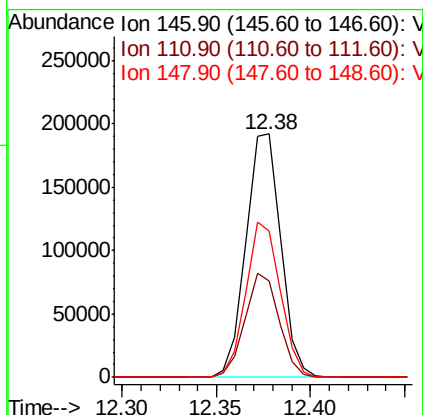
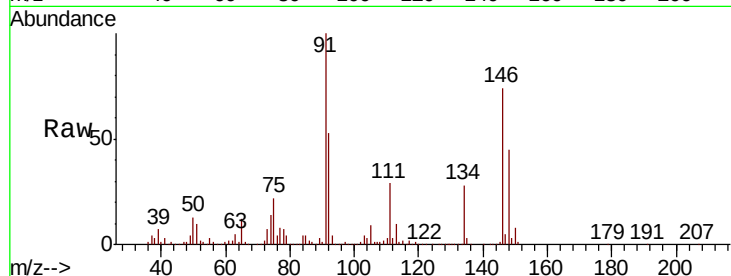




#91
 1,2-Dichlorobenzene
 Concen: 48.883 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

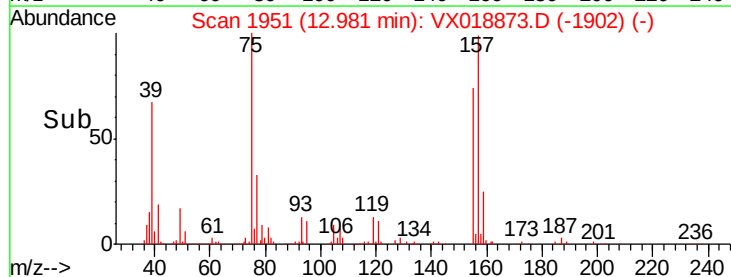
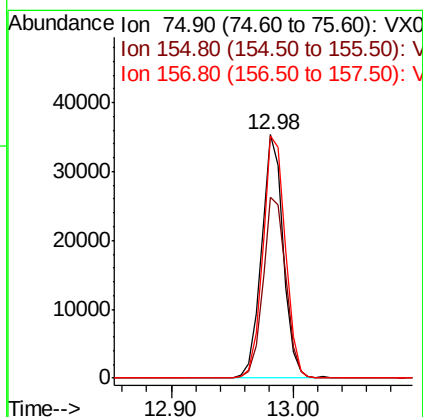
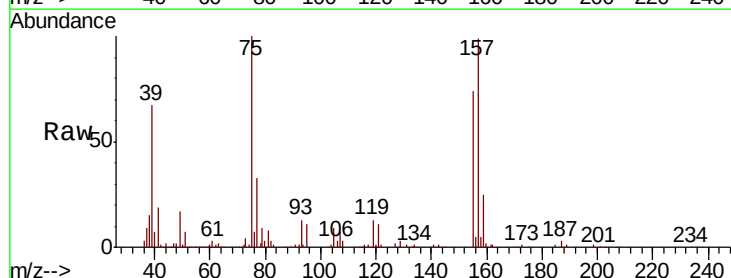
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

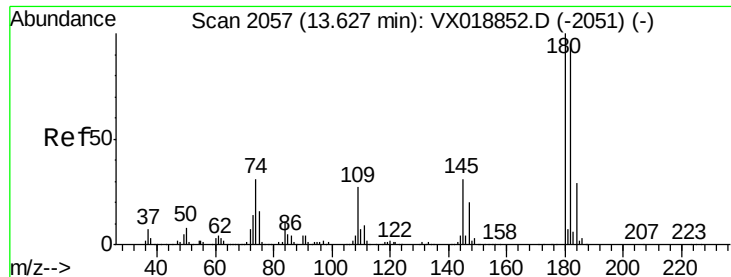
Tot Ion:146 Resp: 247947
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 63.2 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.821 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 75 Resp: 43957
 Ion Ratio Lower Upper
 75 100
 155 77.5 38.0 113.9
 157 102.4 50.9 152.7

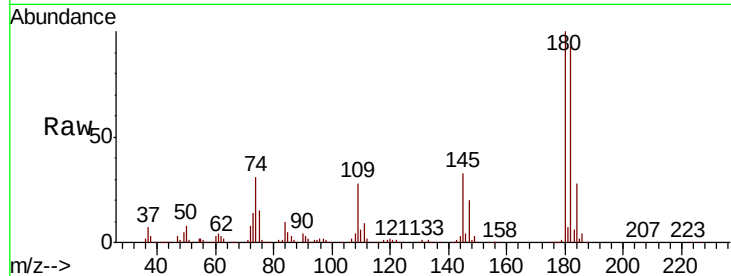




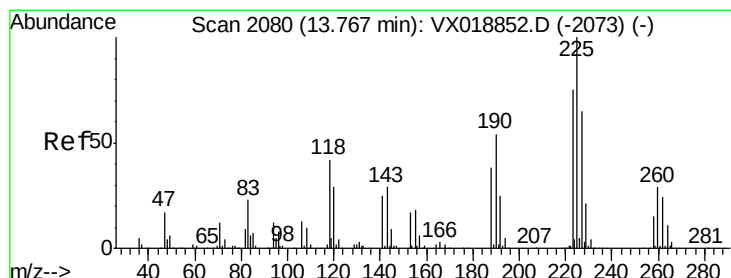
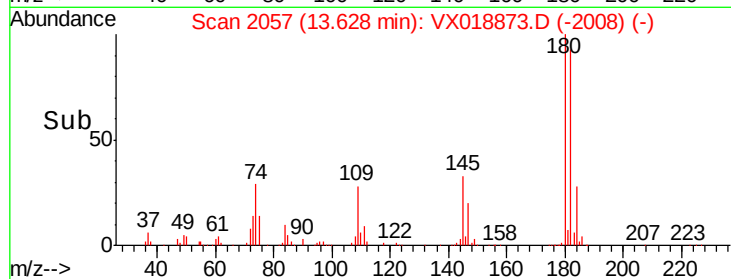
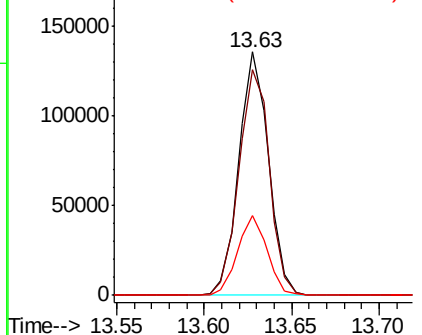
#93
 1,2,4-Trichlorobenzene
 Concen: 49.230 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	49.1	147.3
145	32.6	16.0	48.0

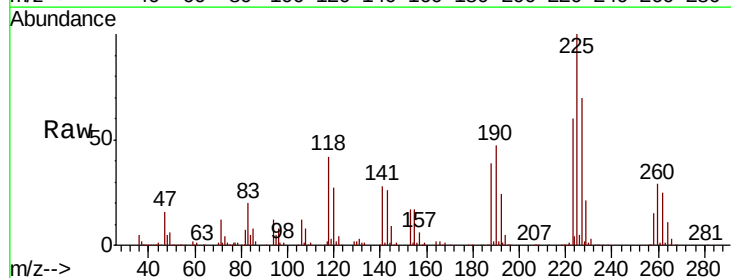


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

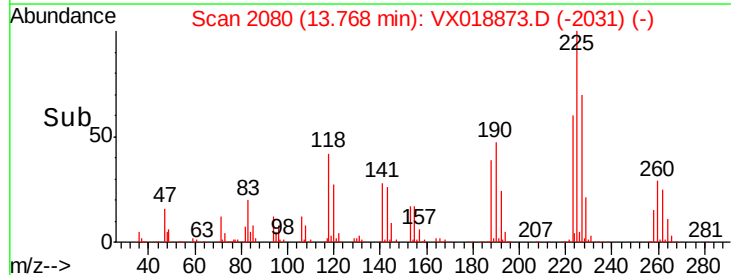
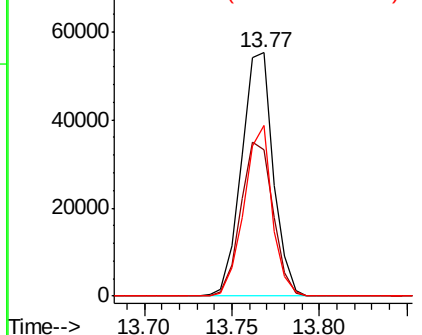


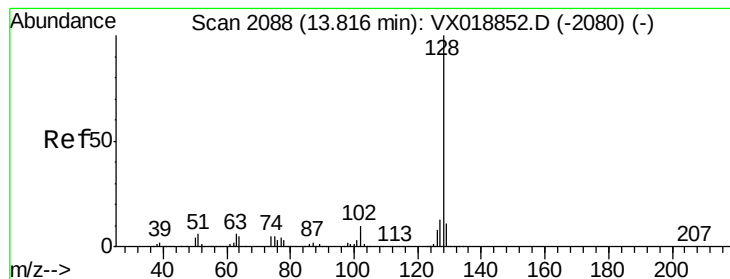
#94
 Hexachlorobutadiene
 Concen: 48.133 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.1	96.3
227	62.4	33.0	98.9



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





#95

Naphthalene

Concen: 48.537 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

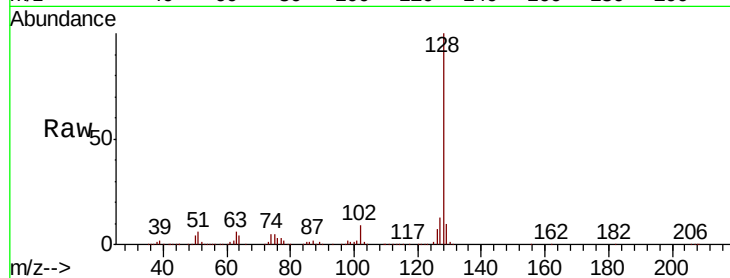
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 526267

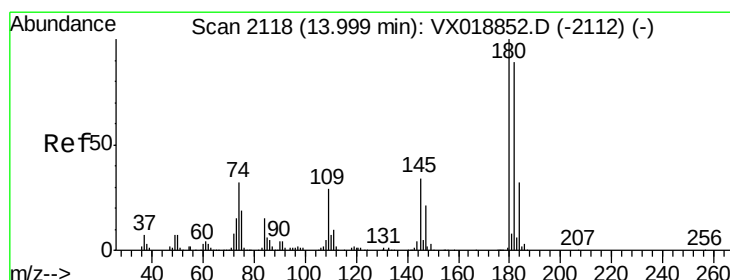
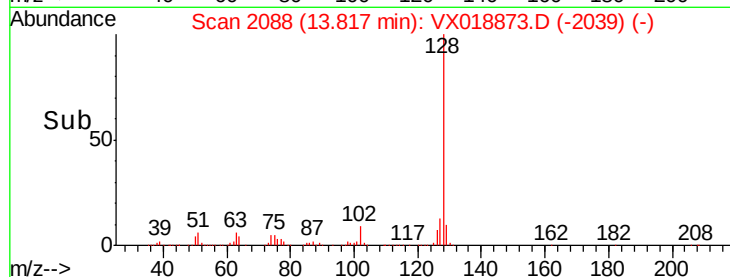
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.580 ug/l

RT: 14.00 min Scan# 2118

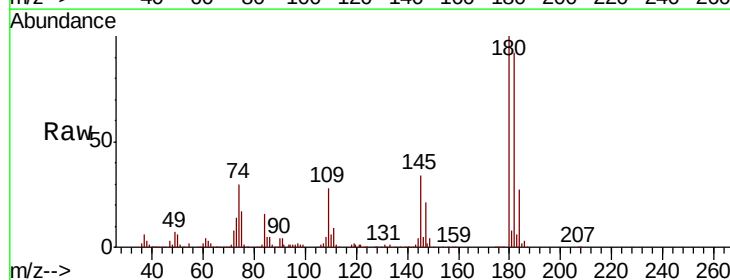
Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion:180 Resp: 164216

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	33.8	16.7	50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

