

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017690.D
 Acq On : 31 Jul 2020 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 02:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	540271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	730906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	401785	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	349473	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	277674	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
50) Toluene-d8	8.70	98	924610	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.12	95	393226	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	235232	46.866	ug/l	99
3) Chloromethane	1.31	50	289610	43.415	ug/l	99
4) Vinyl Chloride	1.39	62	291438	42.867	ug/l	99
5) Bromomethane	1.62	94	171473	46.725	ug/l	100
6) Chloroethane	1.70	64	182076	48.545	ug/l	99
7) Trichlorofluoromethane	1.91	101	489544	45.780	ug/l	100
8) Diethyl Ether	2.17	74	165993	47.820	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	264608	45.091	ug/l	97
10) Methyl Iodide	2.49	142	324304	43.197	ug/l	97
11) Tert butyl alcohol	3.02	59	307551	210.267	ug/l	98
12) 1,1-Dichloroethene	2.35	96	250517	44.892	ug/l	99
13) Acrolein	2.27	56	316205	282.603	ug/l	99
14) Allyl chloride	2.70	41	462595	45.398	ug/l	99
15) Acrylonitrile	3.12	53	717902	227.242	ug/l	100
16) Acetone	2.42	43	618621	202.525	ug/l	94
17) Carbon Disulfide	2.55	76	685347	40.406	ug/l	100
18) Methyl Acetate	2.75	43	338275	47.023	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	876520	45.380	ug/l	100
20) Methylene Chloride	2.83	84	280696	48.761	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	271391	45.397	ug/l	99
22) Diisopropyl ether	3.82	45	888859	47.707	ug/l	95
23) Vinyl Acetate	3.78	43	3952544	237.929	ug/l	98
24) 1,1-Dichloroethane	3.67	63	501760	46.750	ug/l	100
25) 2-Butanone	4.63	43	987672	227.611	ug/l	99
26) 2,2-Dichloropropane	4.55	77	478733	49.830	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	305384	47.031	ug/l	100
28) Bromochloromethane	4.98	49	221003	45.440	ug/l	96
29) Tetrahydrofuran	5.09	42	628632	233.877	ug/l	100
30) Chloroform	5.17	83	519101	47.335	ug/l	96
31) Cyclohexane	5.54	56	408012	47.671	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	491951	47.572	ug/l	100
36) 1,1-Dichloropropene	5.77	75	383070	50.010	ug/l	100
37) Ethyl Acetate	4.79	43	396368	47.293	ug/l	99
38) Carbon Tetrachloride	5.75	117	460505	49.507	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427256	47.781	ug/l	96
40) Benzene	6.11	78	1068470	48.654	ug/l	99
41) Methacrylonitrile	5.00	41	219070	45.602	ug/l	99
42) 1,2-Dichloroethane	6.16	62	439613	48.932	ug/l	99
43) Isopropyl Acetate	6.41	43	654608	47.338	ug/l	99
44) Trichloroethene	7.19	130	325968	50.791	ug/l	93
45) 1,2-Dichloropropane	7.49	63	281051	46.166	ug/l	100
46) Dibromomethane	7.63	93	188180	43.739	ug/l	98
47) Bromodichloromethane	7.87	83	407280	47.047	ug/l	98
48) Methyl methacrylate	7.74	41	306639	44.735	ug/l	98
49) 1,4-Dioxane	7.71	88	115979	882.516	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1923303	233.104	ug/l	100
52) Toluene	8.76	92	656514	46.615	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	469535	48.452	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	474082	47.963	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	280720	47.848	ug/l	99
56) Ethyl methacrylate	9.16	69	412891	46.712	ug/l	99
57) 1,3-Dichloropropane	9.35	76	452432	46.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1030551	221.301	ug/l	98
59) 2-Hexanone	9.47	43	1443370	232.354	ug/l	99
60) Dibromochloromethane	9.57	129	348782	46.773	ug/l	98
61) 1,2-Dibromoethane	9.65	107	294011	47.070	ug/l	98
64) Tetrachloroethene	9.32	164	332269	50.650	ug/l	95
65) Chlorobenzene	10.12	112	744008	47.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	313341	49.074	ug/l	99
67) Ethyl Benzene	10.23	91	1318158	49.913	ug/l	96
68) m/p-Xylenes	10.34	106	1031228	100.797	ug/l	98
69) o-Xylene	10.68	106	510941	51.927	ug/l	99
70) Styrene	10.69	104	907393	54.201	ug/l	99
71) Bromoform	10.84	173	282957	51.151	ug/l #	98
73) Isopropylbenzene	11.00	105	1425699	51.725	ug/l	99
74) N-amyl acetate	10.88	43	593347	48.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395299	45.947	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	510803	61.804	ug/l	82
77) Bromobenzene	11.24	156	379930	49.237	ug/l	97
78) n-propylbenzene	11.35	91	1581178	50.863	ug/l	98
79) 2-Chlorotoluene	11.40	91	955055	49.595	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1209695	51.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	157169	47.917	ug/l	95
82) 4-Chlorotoluene	11.49	91	1146224	50.459	ug/l	98
83) tert-Butylbenzene	11.76	119	1151350	51.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1213168	51.829	ug/l	99
85) sec-Butylbenzene	11.93	105	1363538	51.980	ug/l	99
86) p-Isopropyltoluene	12.05	119	1257062	50.321	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	664607	50.156	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	662024	48.233	ug/l	100
89) n-Butylbenzene	12.37	91	1127924	50.671	ug/l	99
90) Hexachloroethane	12.58	117	237102	48.142	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	624503	47.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108888	45.024	ug/l	99

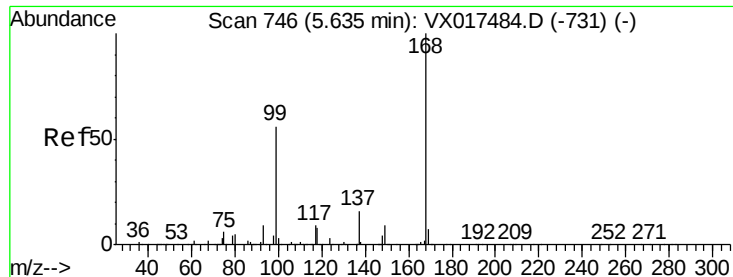
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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Acq On : 31 Jul 2020 10:27
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	465392	52.360	ug/l	99
94) Hexachlorobutadiene	13.77	225	212408	51.915	ug/l	99
95) Naphthalene	13.82	128	1360179	51.263	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	448303	51.082	ug/l	98

(#) = 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: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

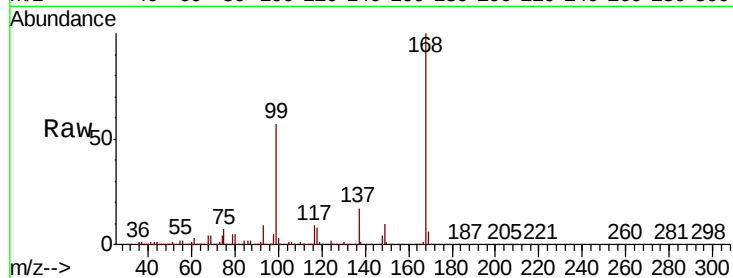
VSTDCCC050

Tot Ion:168 Resp: 540271

Ion Ratio Lower Upper

168 100

99 56.4 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

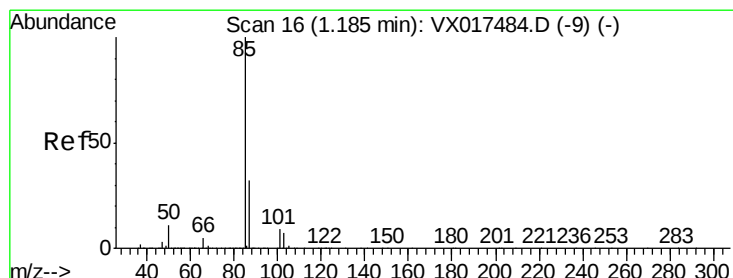
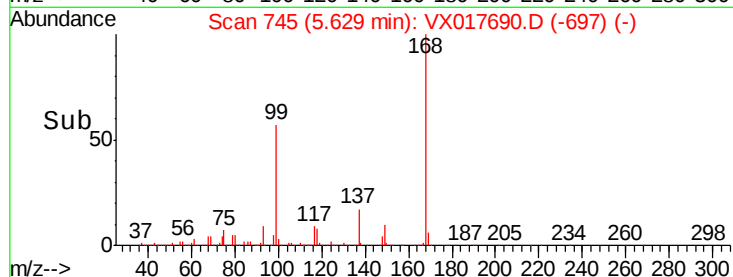
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.866 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017690.D

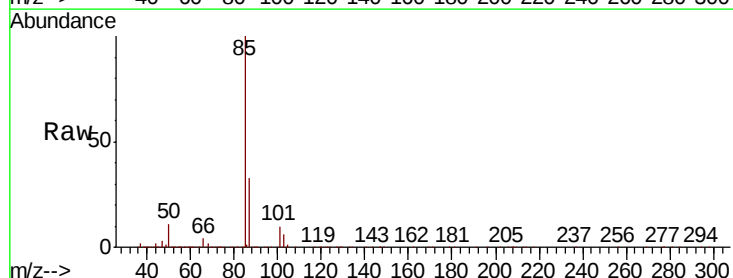
Acq: 31 Jul 2020 10:27

Tgt Ion: 85 Resp: 235232

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

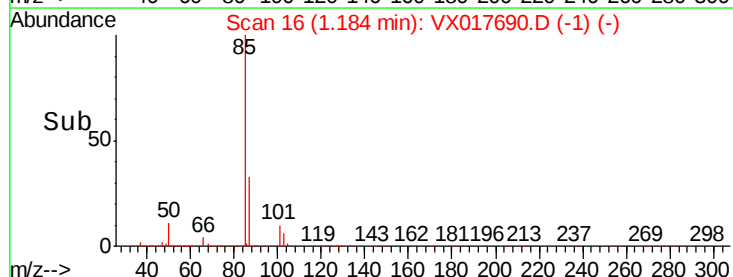
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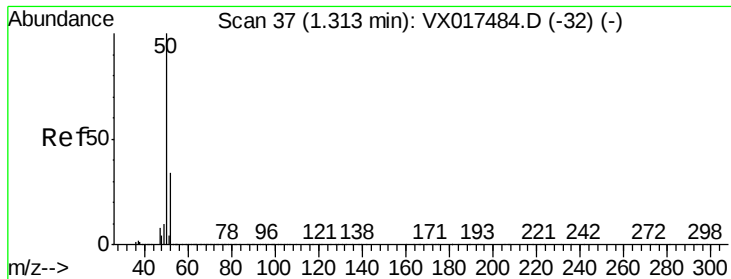
50000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 43.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

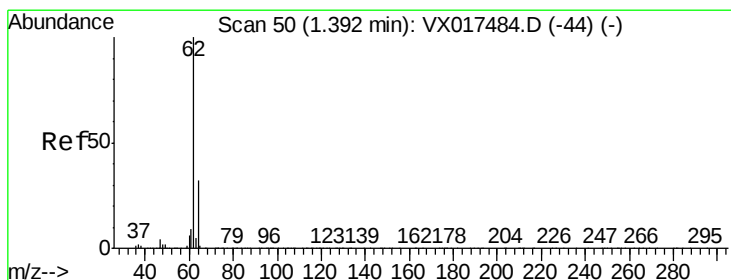
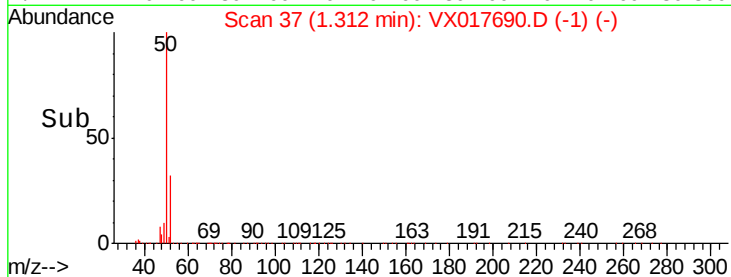
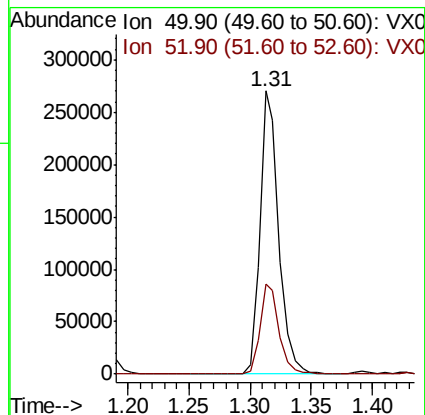
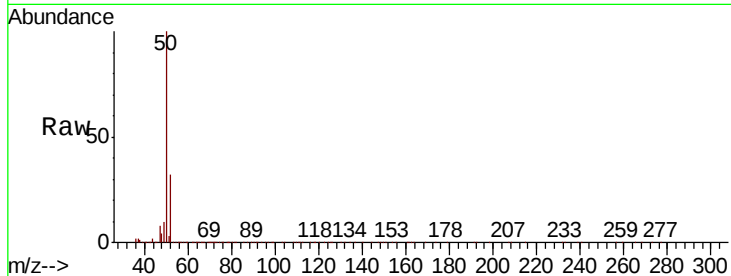
VSTDCCC050

Tot Ion: 50 Resp: 289610

Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9



#4

Vinyl Chloride

Concen: 42.867 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017690.D

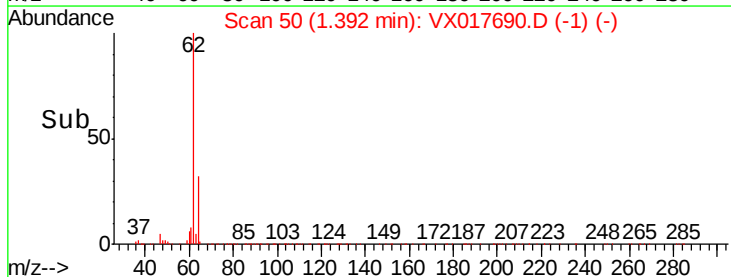
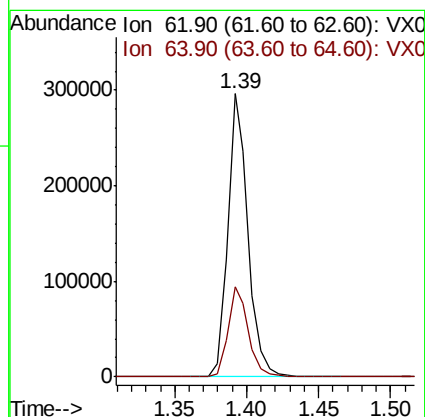
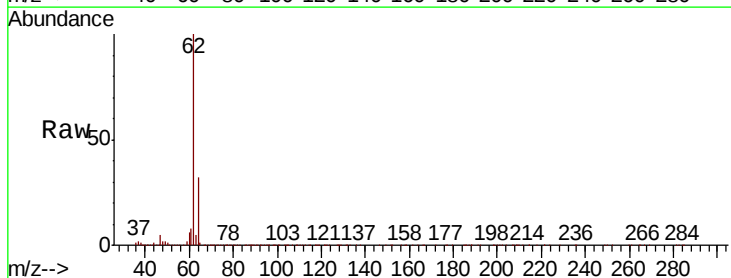
Acq: 31 Jul 2020 10:27

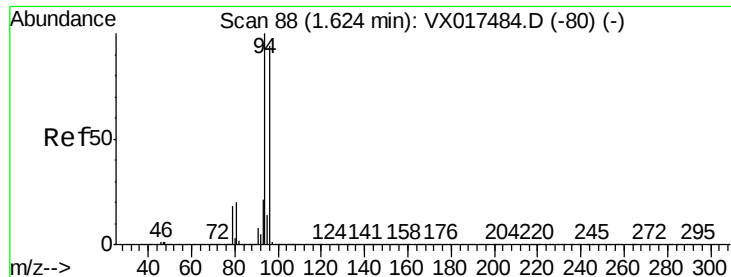
Tgt Ion: 62 Resp: 291438

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 46.725 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

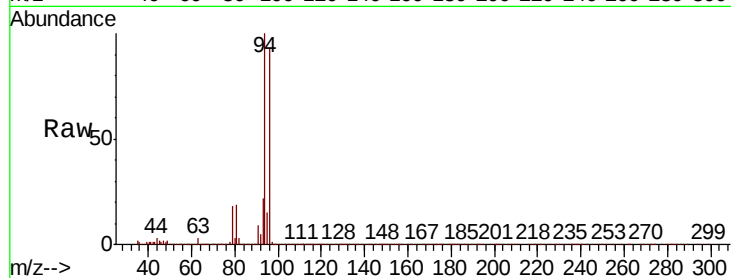
VSTDCCC050

Tot Ion: 94 Resp: 171473

Ion Ratio Lower Upper

94 100

96 92.7 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

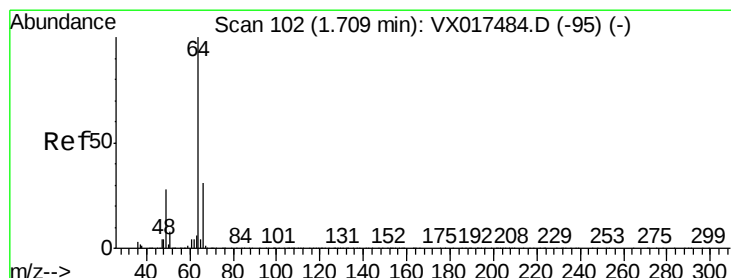
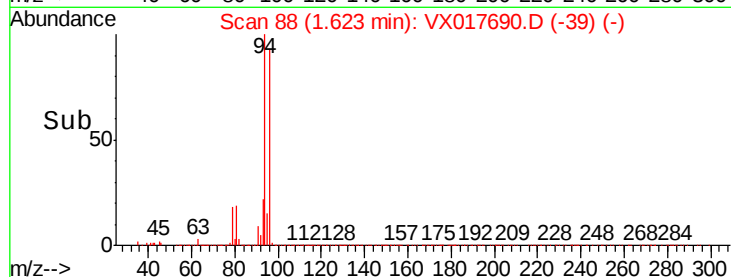
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.545 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017690.D

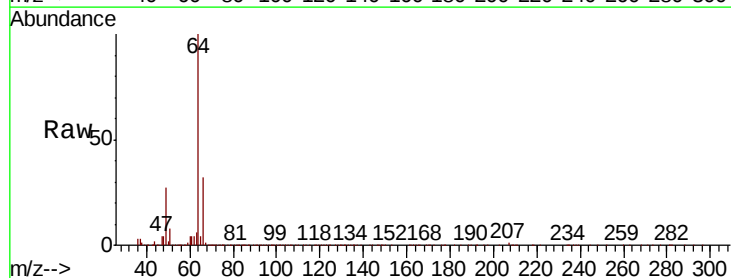
Acq: 31 Jul 2020 10:27

Tgt Ion: 64 Resp: 182076

Ion Ratio Lower Upper

64 100

66 31.7 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

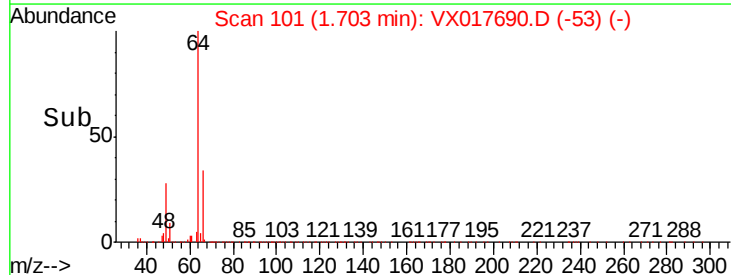
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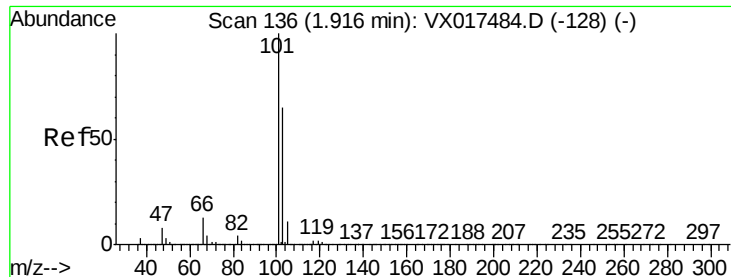
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Time-->



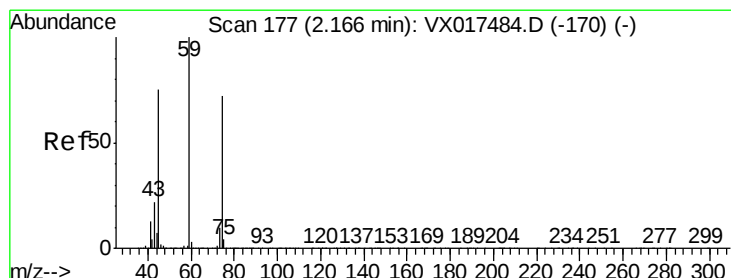
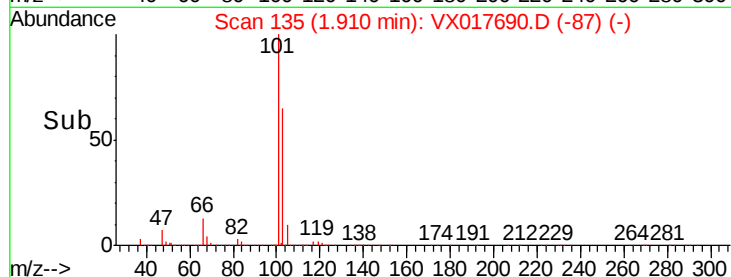
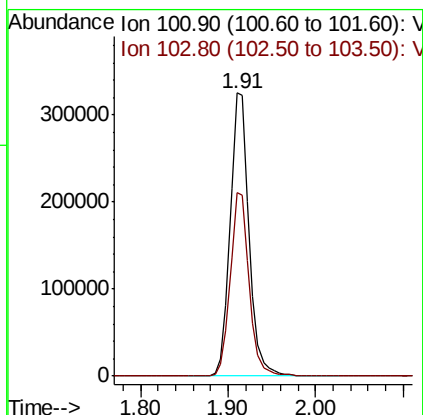
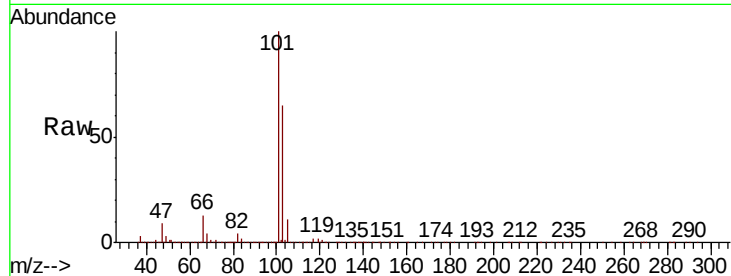


#7

Trichlorofluoromethane
Concen: 45.780 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

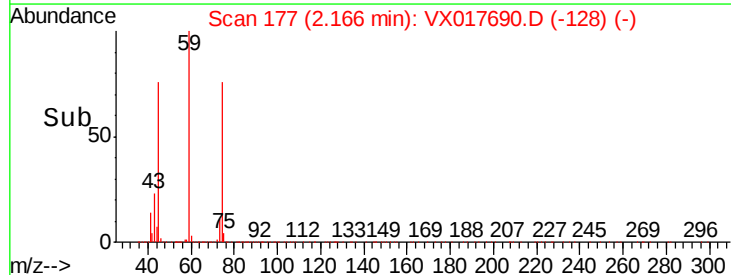
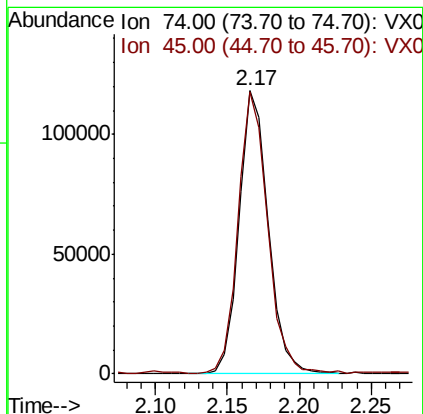
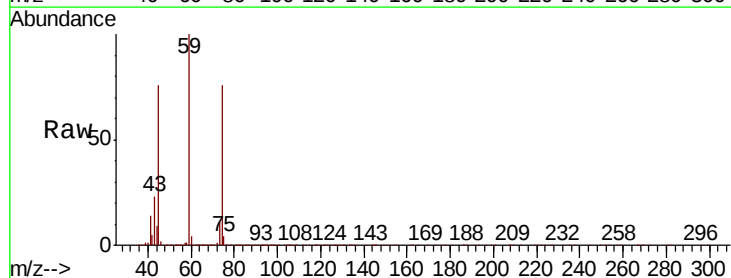
Tot Ion:101 Resp: 489544
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

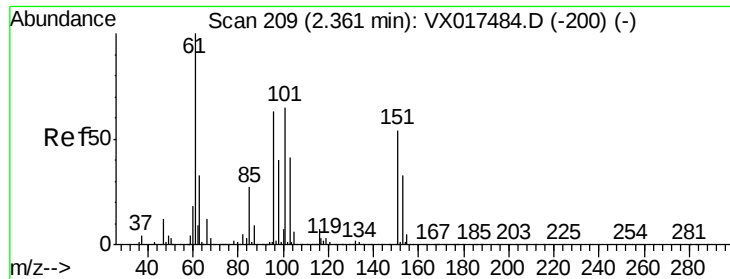


#8

Diethyl Ether
Concen: 47.820 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 74 Resp: 165993
Ion Ratio Lower Upper
74 100
45 99.8 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.091 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

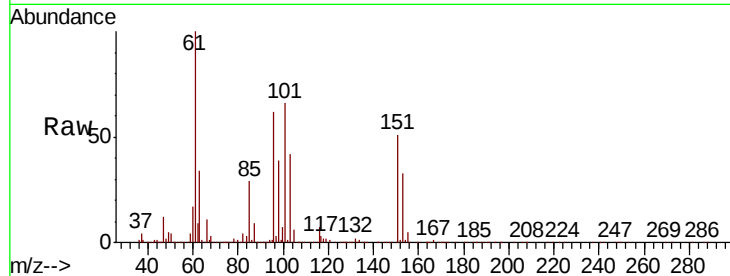
Tot Ion:101 Resp: 264608

Ion Ratio Lower Upper

101 100

85 44.8 34.8 52.2

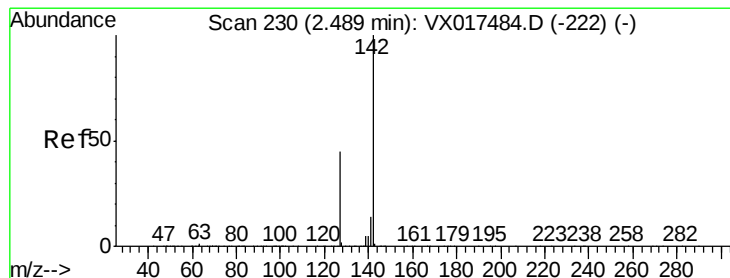
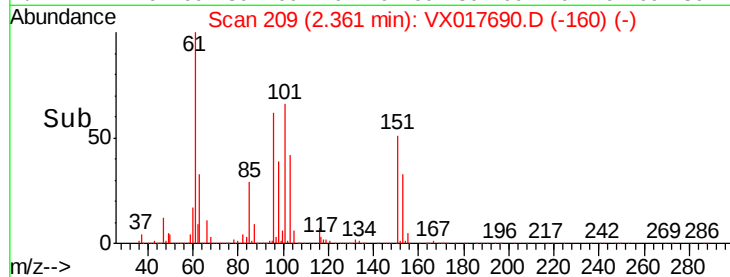
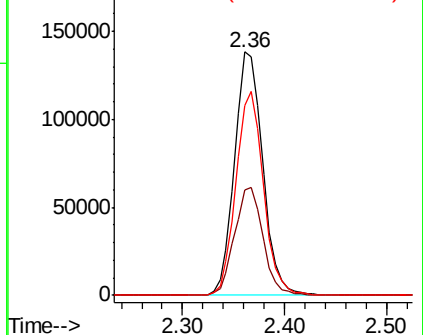
151 81.8 68.0 102.0



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: 43.197 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

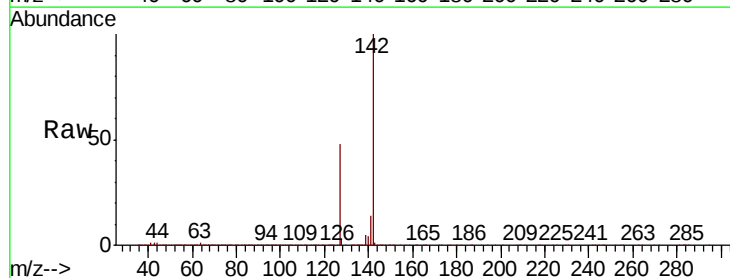
Tgt Ion:142 Resp: 324304

Ion Ratio Lower Upper

142 100

127 47.8 35.9 53.9

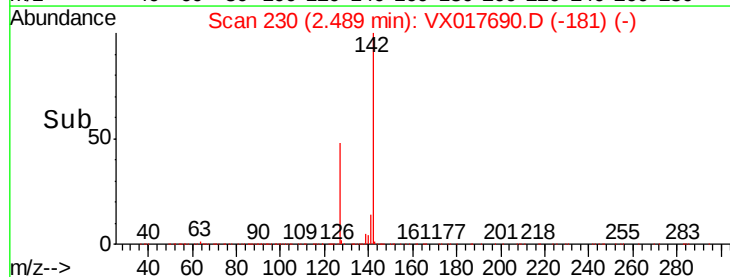
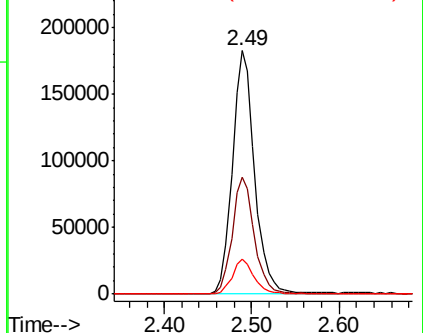
141 14.3 11.4 17.0

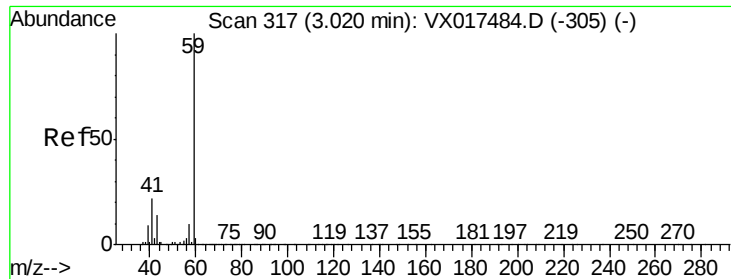


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



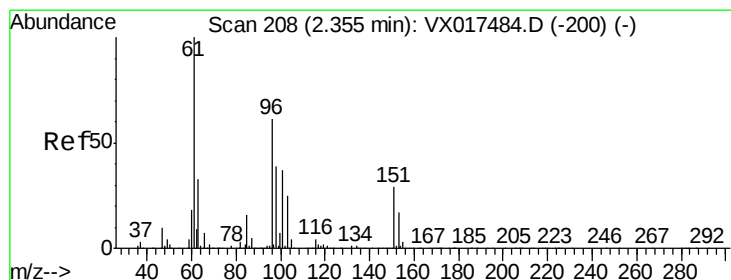
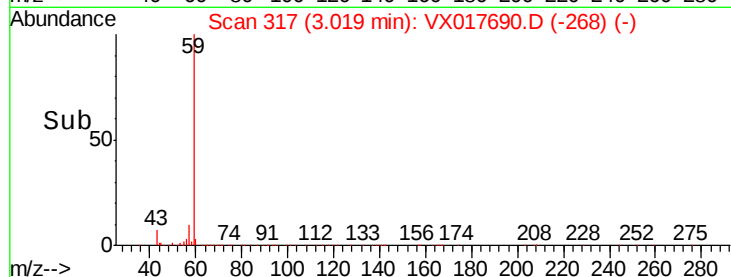
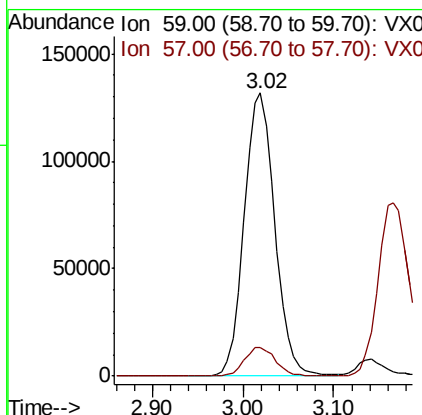
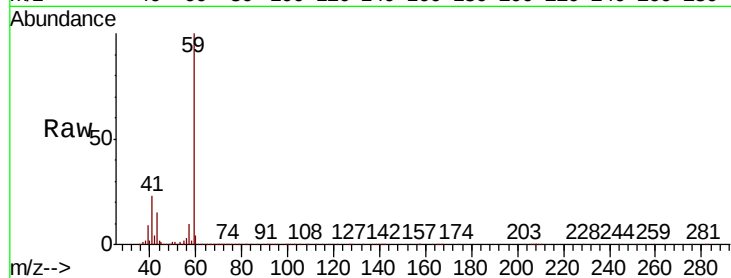


#11

Tert butyl alcohol
 Concen: 210.267 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

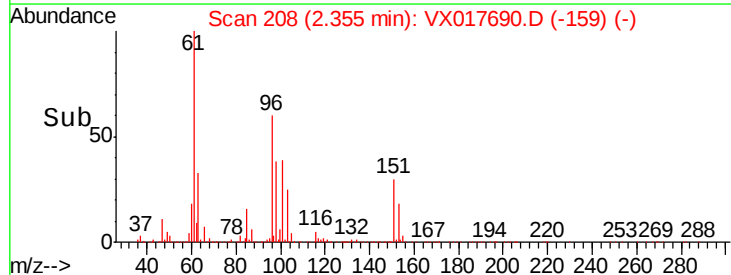
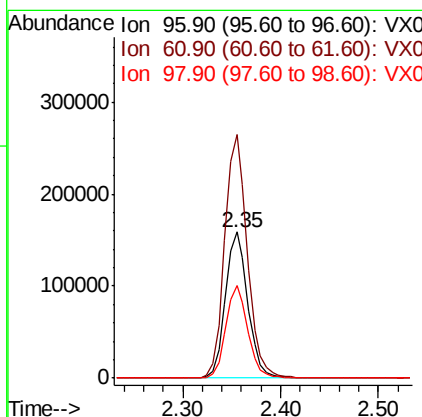
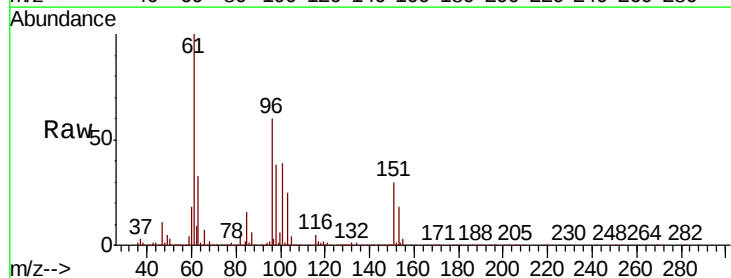
Tot Ion: 59 Resp: 307551
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

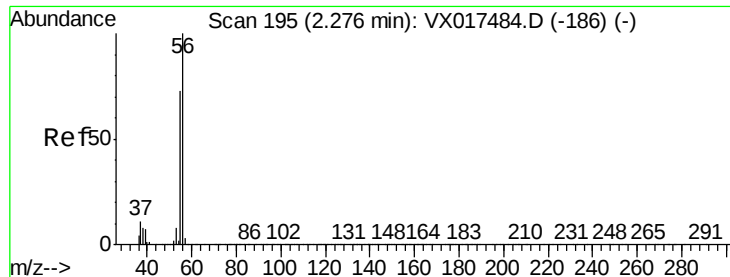


#12

1,1-Dichloroethene
 Concen: 44.892 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion: 96 Resp: 250517
 Ion Ratio Lower Upper
 96 100
 61 166.5 134.0 201.0
 98 63.7 51.0 76.4





#13

Acrolein

Concen: 282.603 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

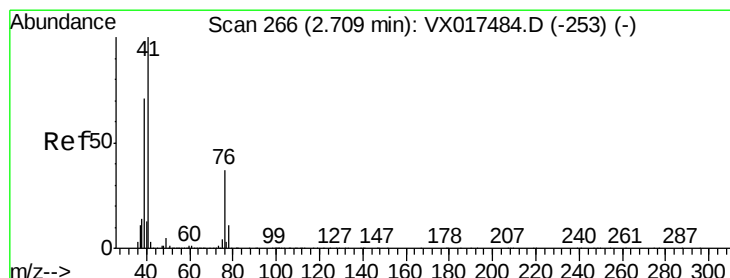
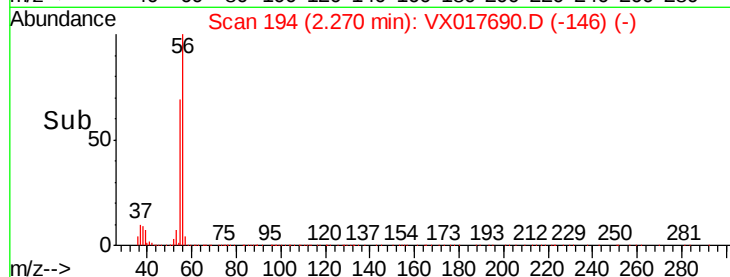
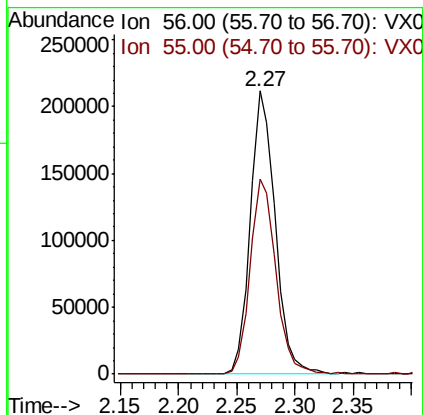
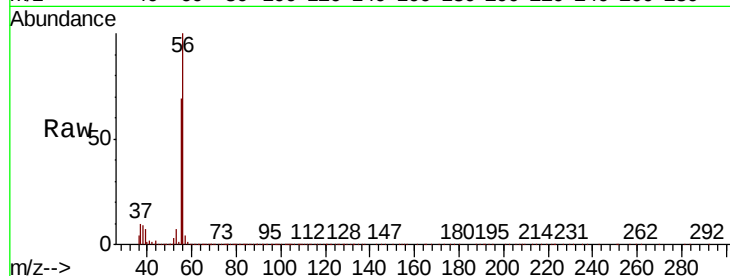
VSTDCCC050

Tot Ion: 56 Resp: 316205

Ion Ratio Lower Upper

56 100

55 71.3 57.4 86.2



#14

Allyl chloride

Concen: 45.398 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

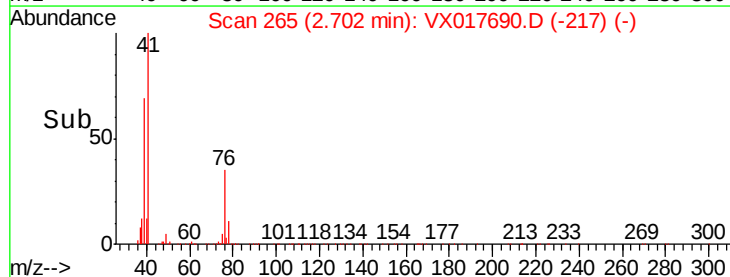
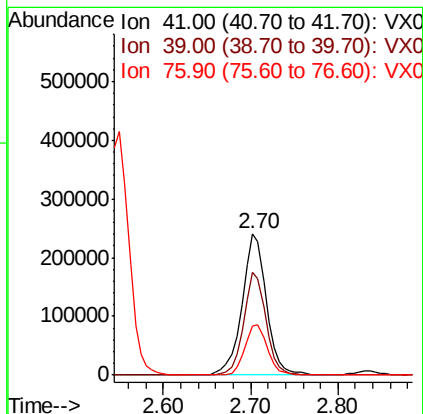
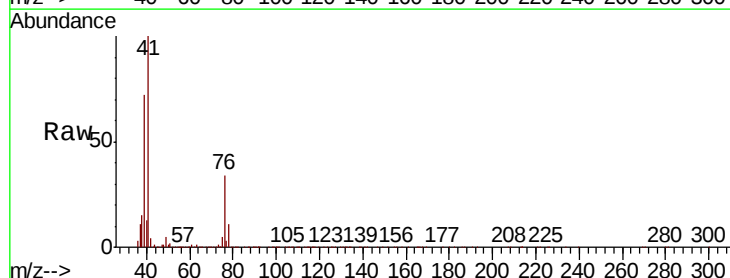
Tgt Ion: 41 Resp: 462595

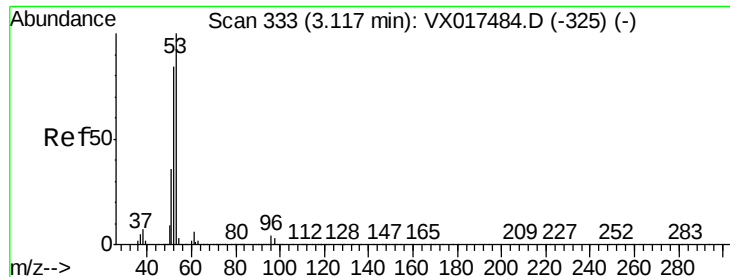
Ion Ratio Lower Upper

41 100

39 65.9 51.9 77.9

76 32.6 25.5 38.3





#15

Acrylonitrile

Concen: 227.242 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

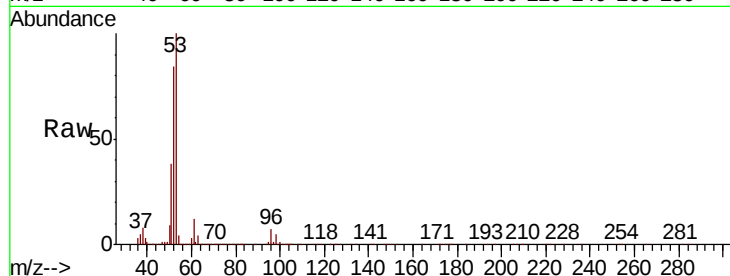
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 717902

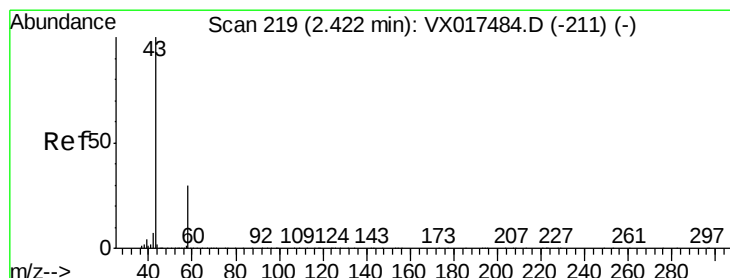
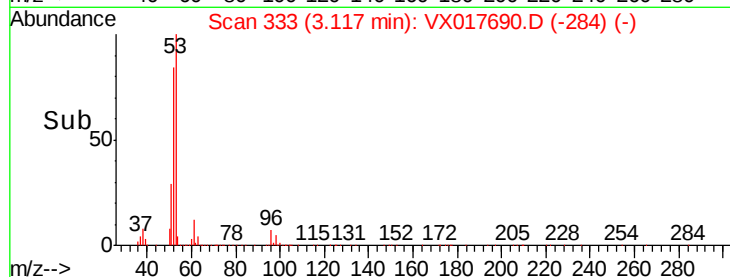
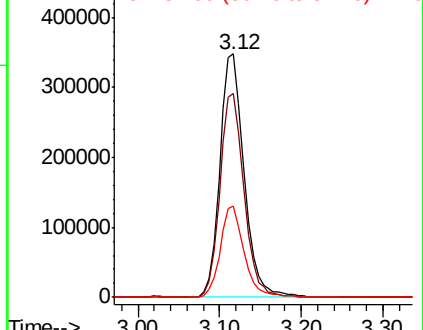
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.6	99.8
51	36.8	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 202.525 ug/l

RT: 2.42 min Scan# 218

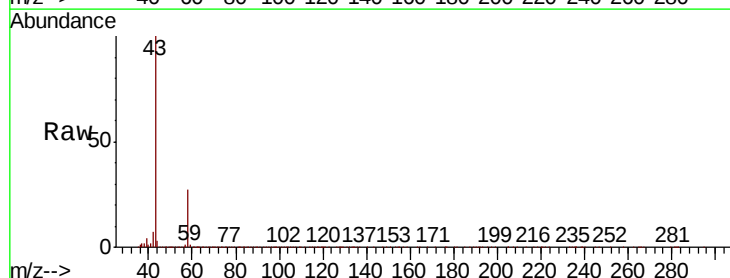
Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

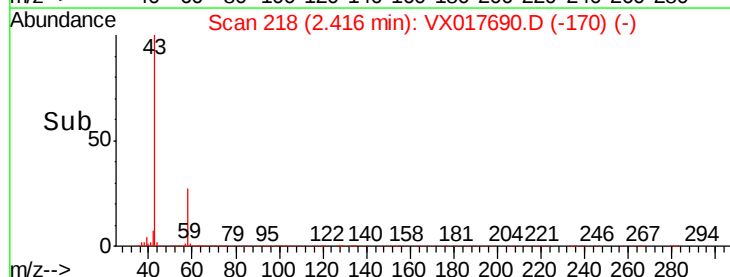
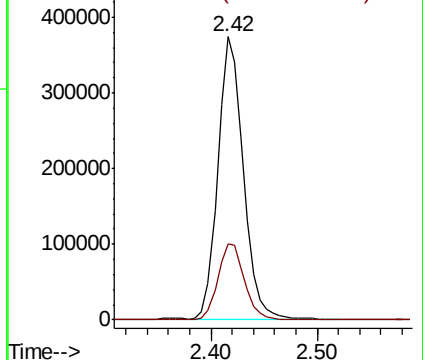
Tgt Ion: 43 Resp: 618621

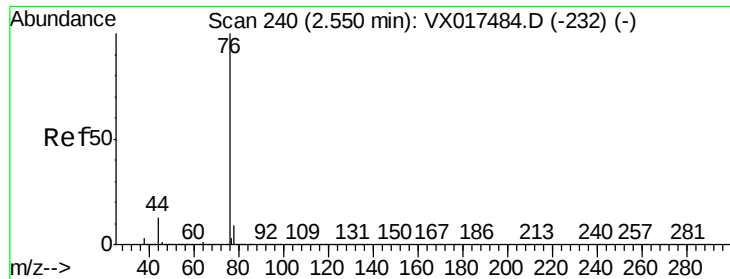
Ion	Ratio	Lower	Upper
43	100		
58	27.0	24.2	36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

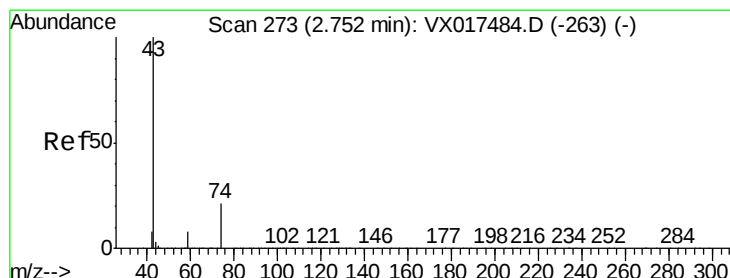
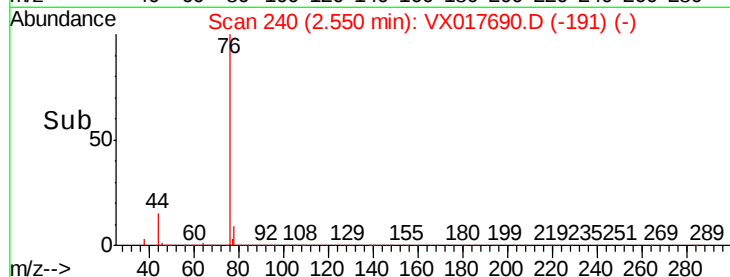
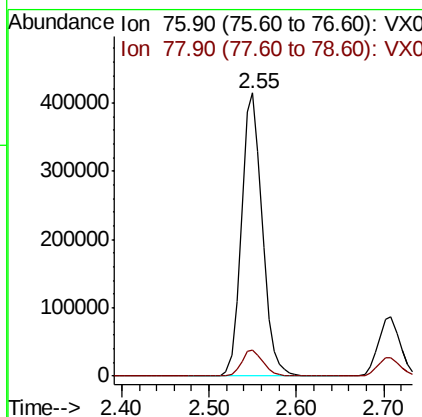
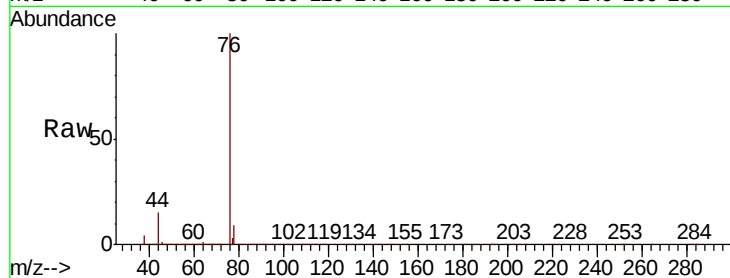




#17
Carbon Disulfide
Concen: 40.406 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

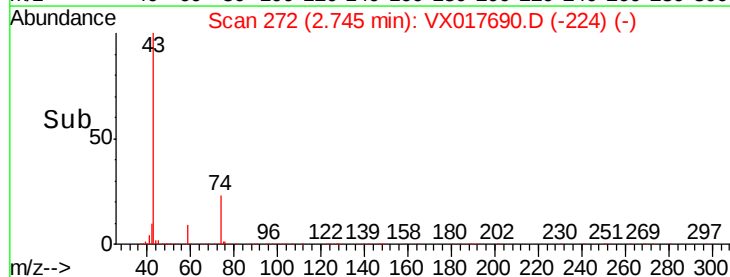
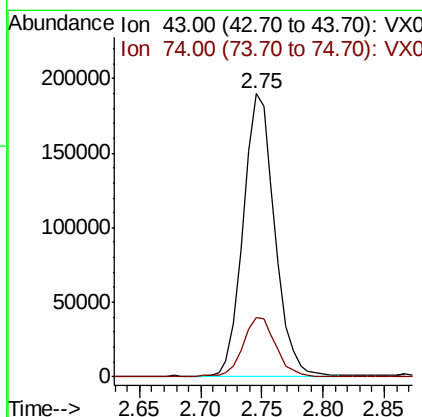
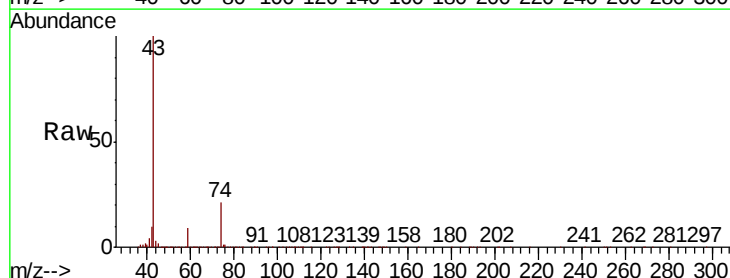
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

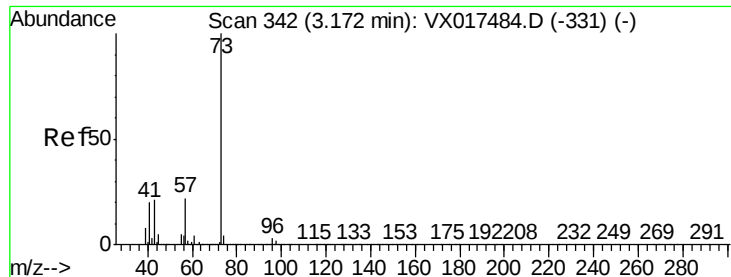
Tot Ion: 76 Resp: 685347
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 47.023 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 43 Resp: 338275
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3

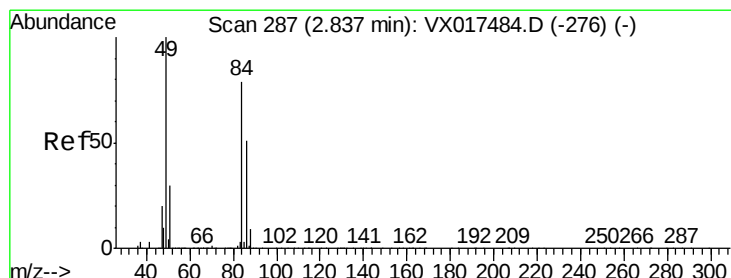
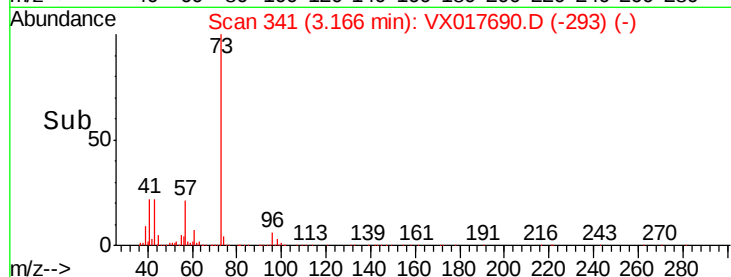
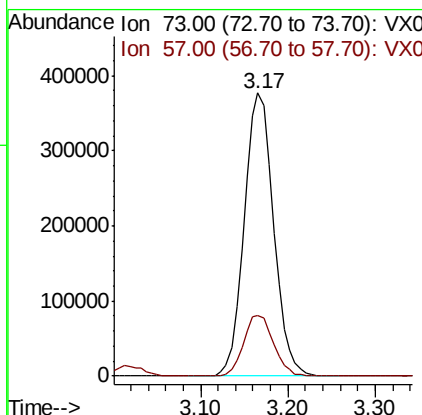
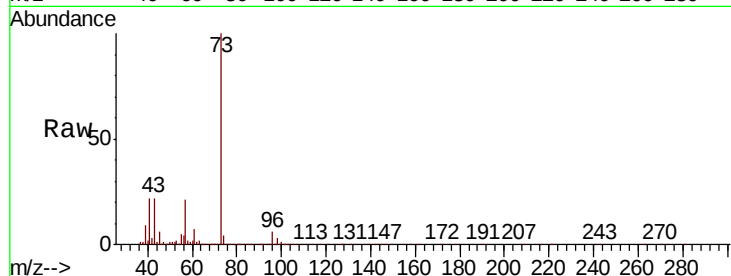




#19
Methyl tert-butyl Ether
Concen: 45.380 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

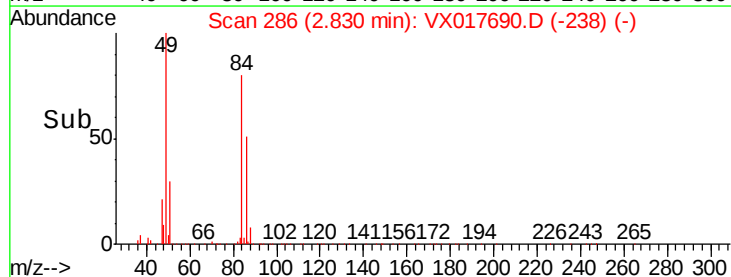
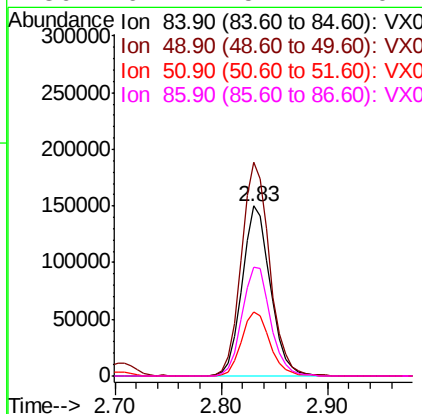
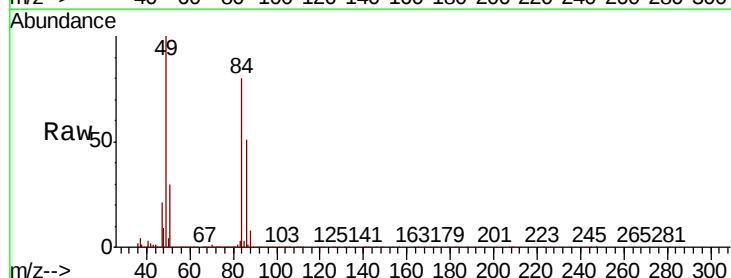
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

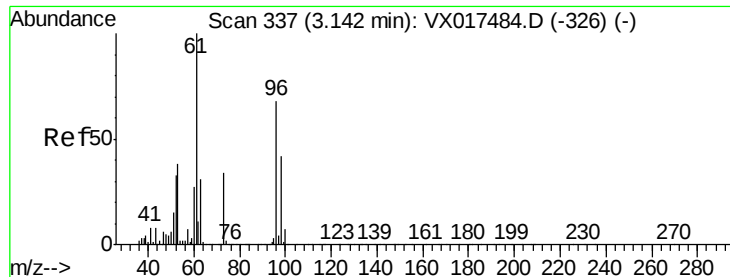
Tot Ion: 73 Resp: 876520
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 48.761 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 84 Resp: 280696
Ion Ratio Lower Upper
84 100
49 125.5 100.3 150.5
51 37.2 30.5 45.7
86 64.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.397 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

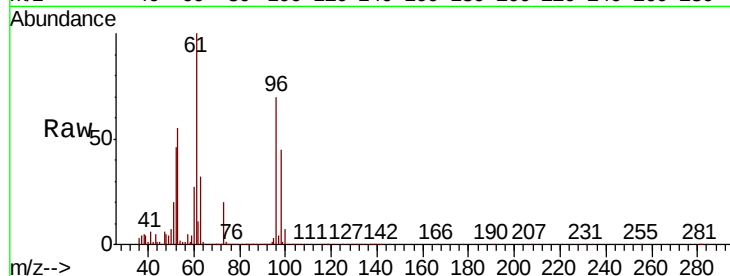
Tot Ion: 96 Resp: 271391

Ion Ratio Lower Upper

96 100

61 142.9 113.0 169.4

98 64.6 51.8 77.8

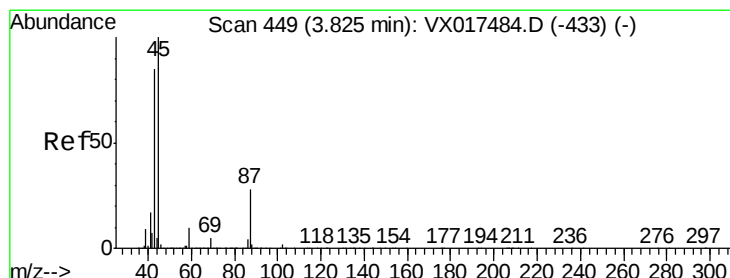
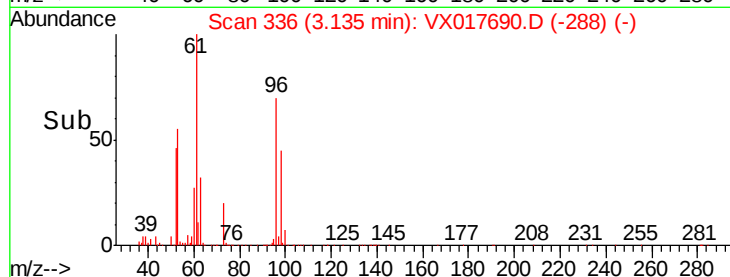
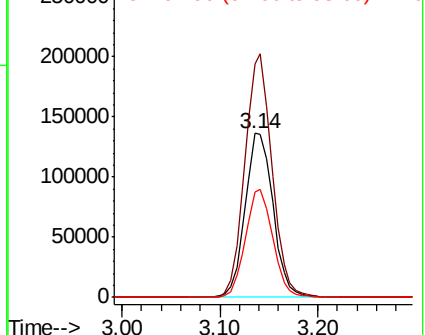


Abundance

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: 47.707 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion: 45 Resp: 888859

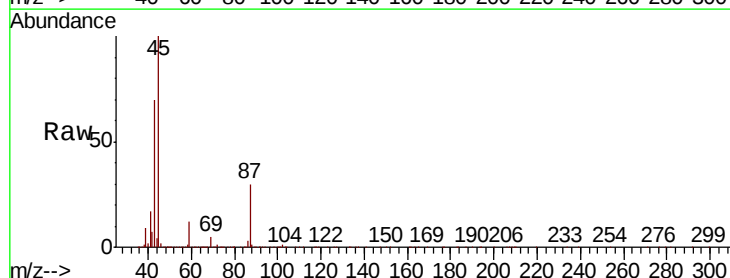
Ion Ratio Lower Upper

45 100

43 69.7 52.0 78.0

87 29.5 22.2 33.4

59 11.5 8.9 13.3



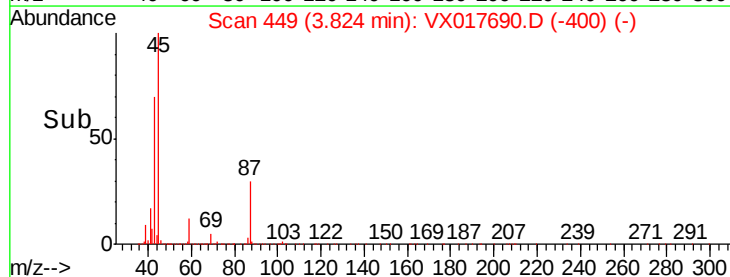
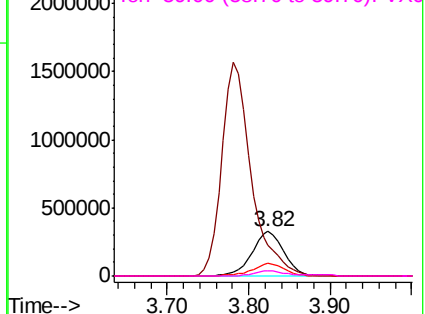
Abundance

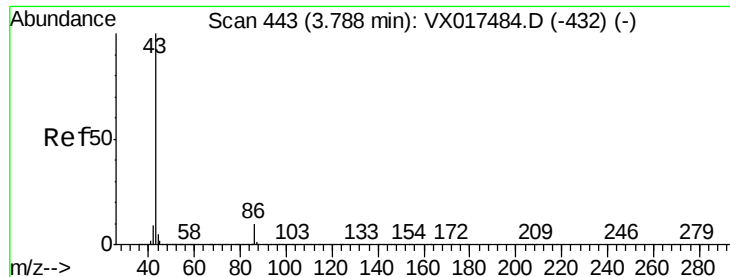
Ion 45.00 (44.70 to 45.70): VX0

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: 237.929 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

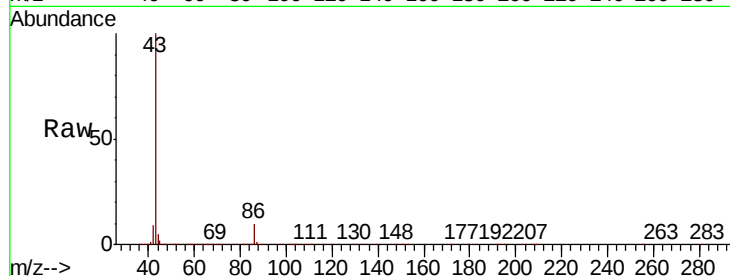
VSTDCCC050

Tot Ion: 43 Resp: 3952544

Ion Ratio Lower Upper

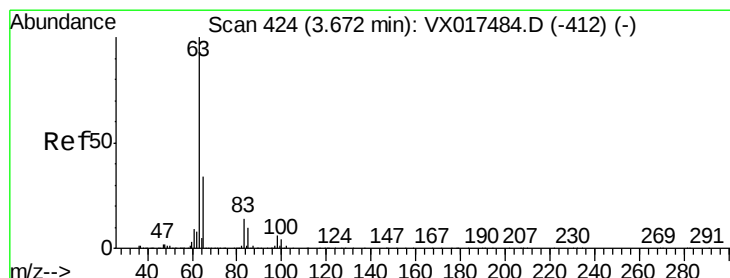
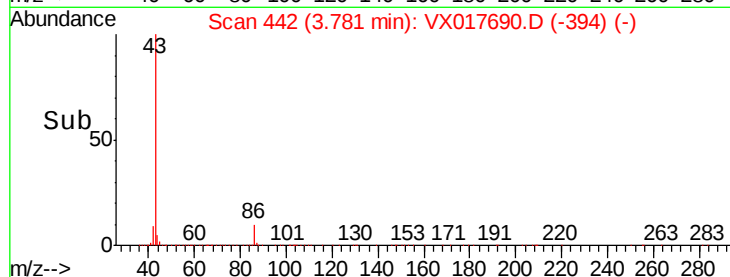
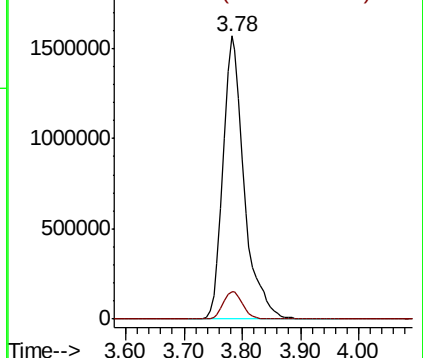
43 100

86 9.6 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.750 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

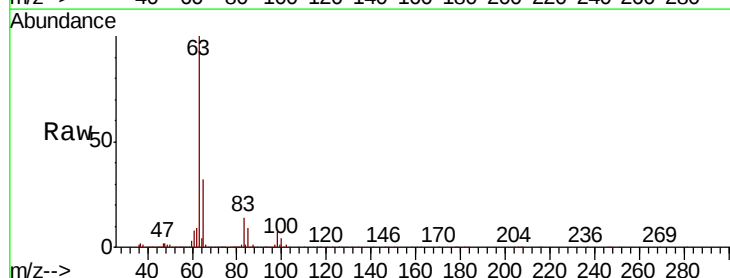
Tgt Ion: 63 Resp: 501760

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

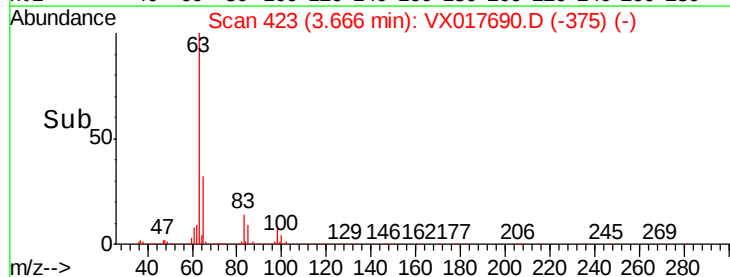
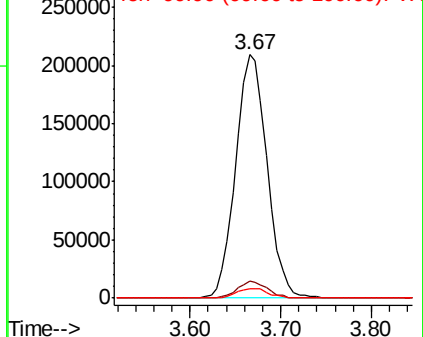
100 3.8 1.9 5.7

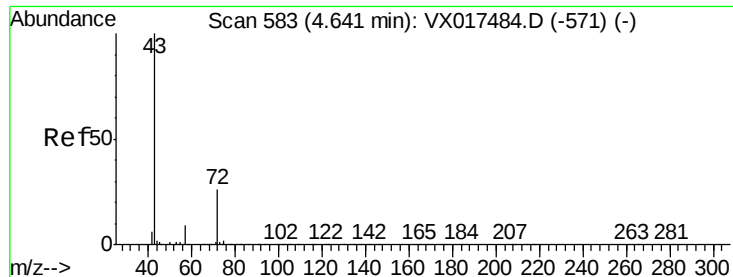


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

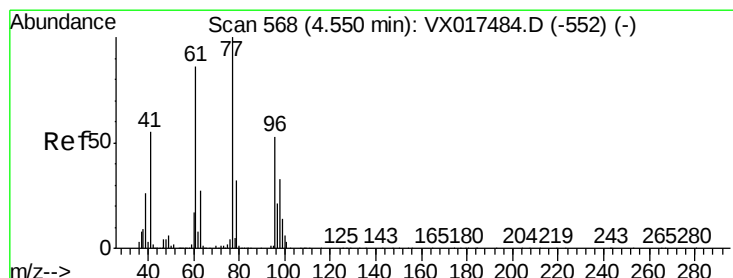
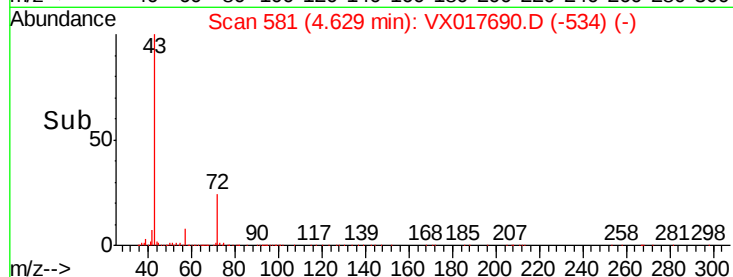
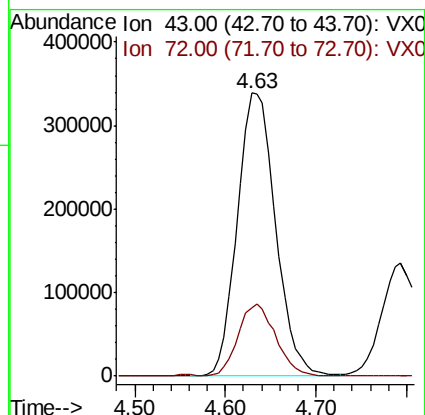
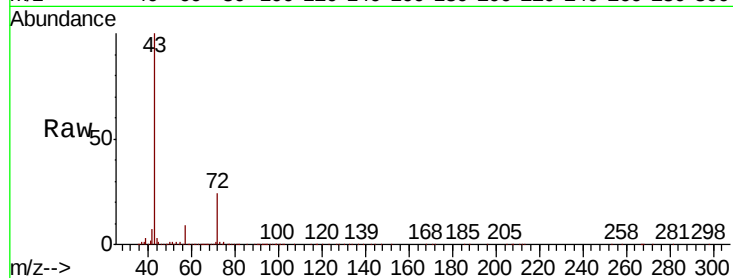




#25
2-Butanone
Concen: 227.611 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

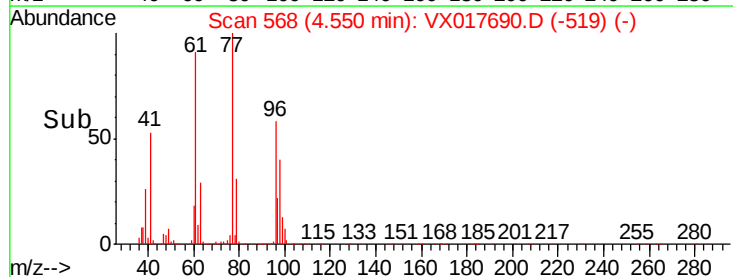
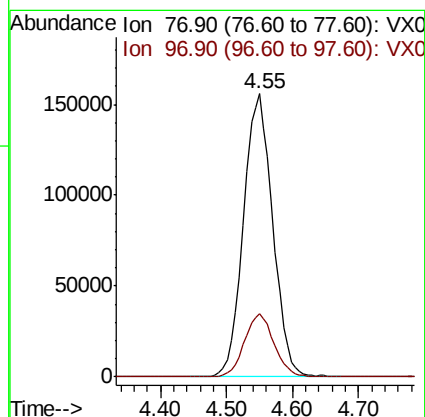
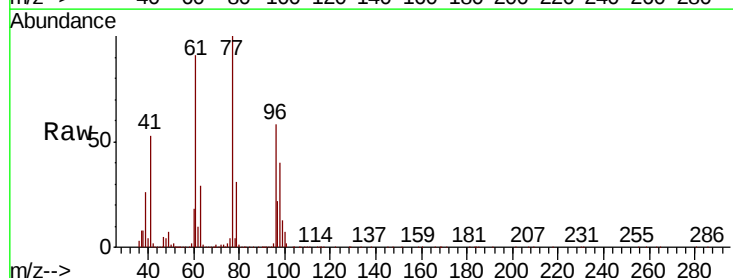
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

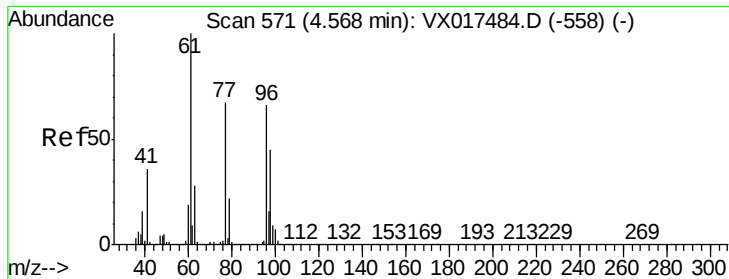
Tot Ion: 43 Resp: 987672
Ion Ratio Lower Upper
43 100
72 24.2 19.0 28.4



#26
2,2-Dichloropropane
Concen: 49.830 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 77 Resp: 478733
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9



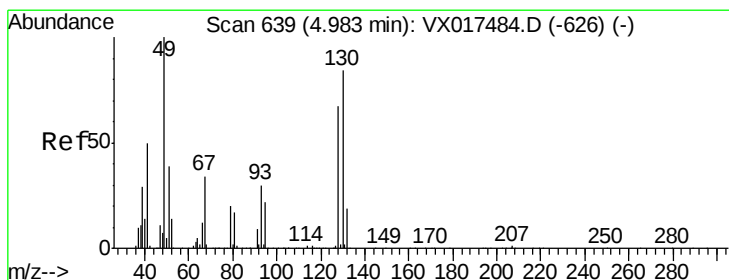
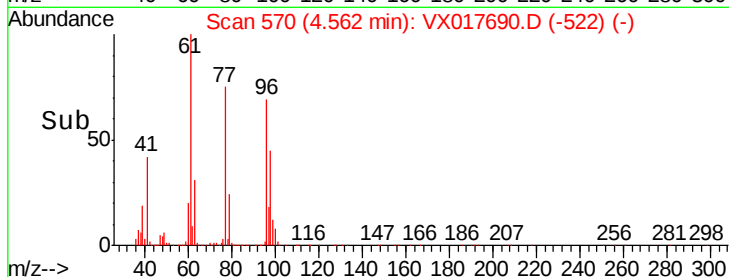
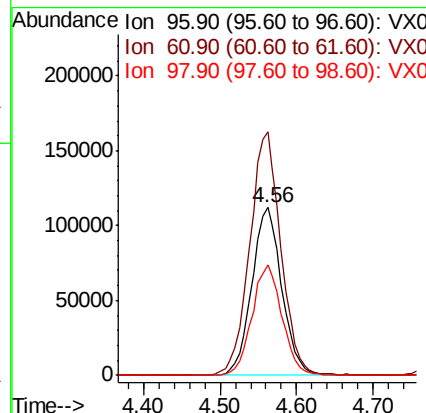
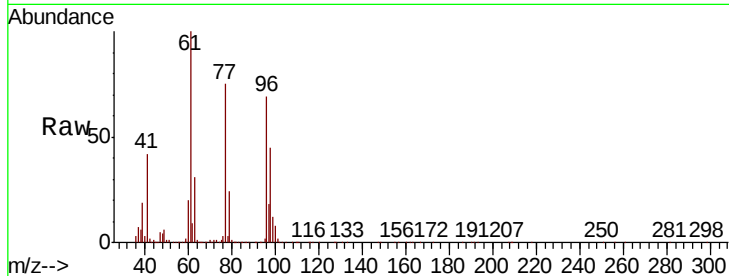


#27

cis-1,2-Dichloroethene
Concen: 47.031 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

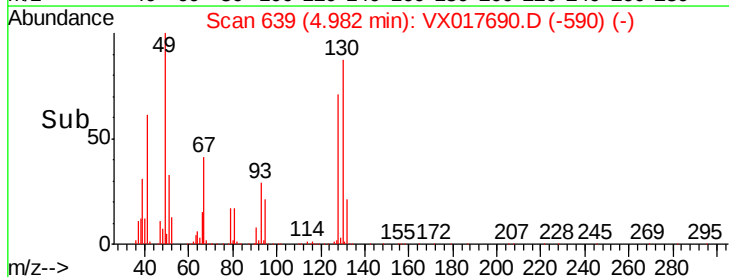
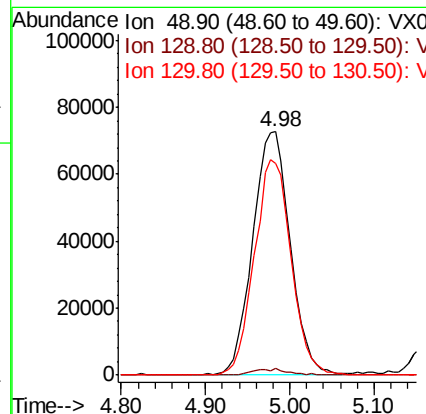
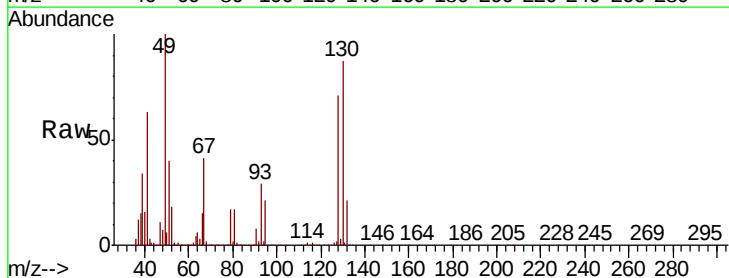
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	301.2
98	66.0	0.0	130.0

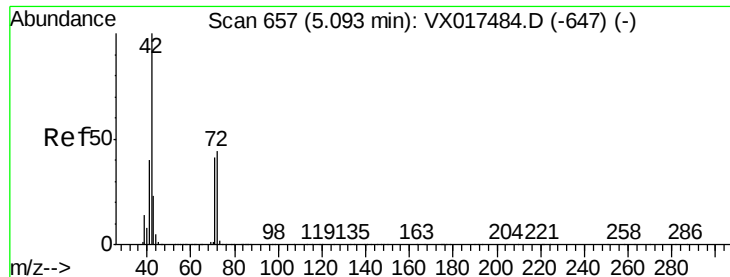


#28

Bromochloromethane
Concen: 45.440 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	87.0	66.7	100.1





#29

Tetrahydrofuran

Concen: 233.877 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

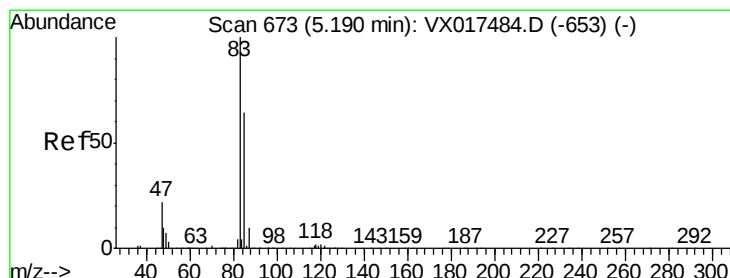
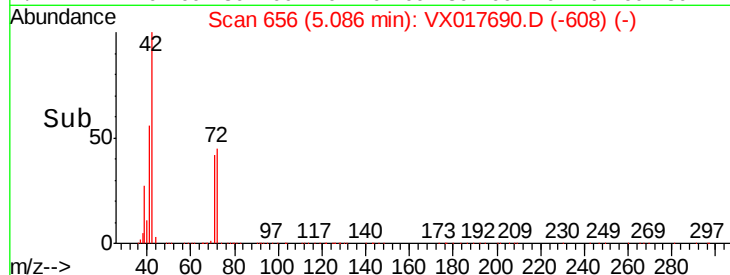
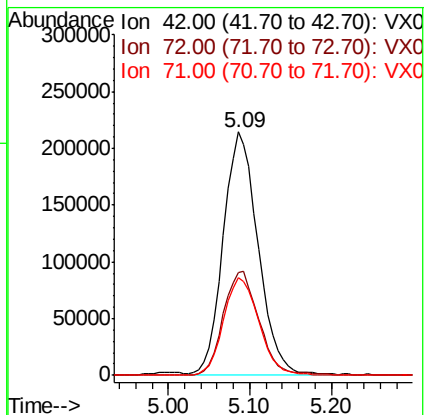
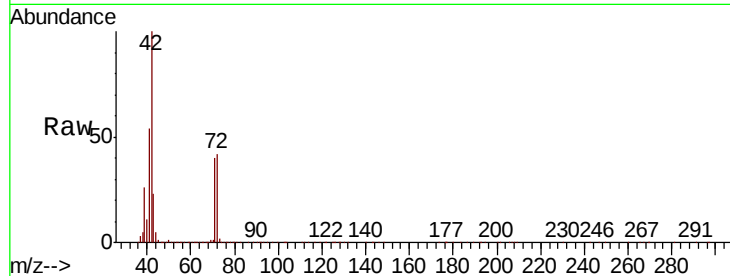
Tot Ion: 42 Resp: 628632

Ion Ratio Lower Upper

42 100

72 44.0 35.5 53.3

71 41.1 33.0 49.4



#30

Chloroform

Concen: 47.335 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.02 min

Lab File: VX017690.D

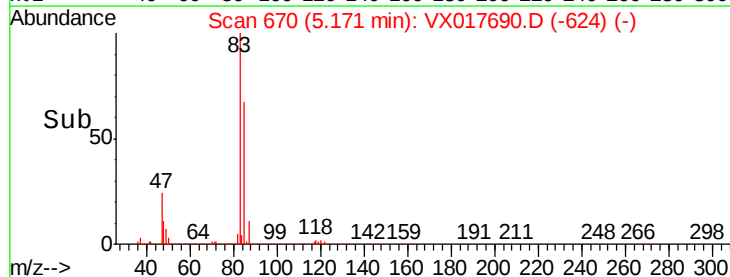
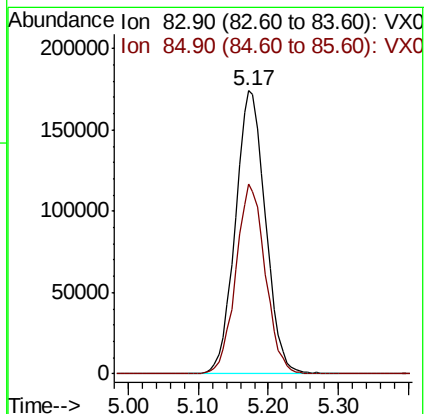
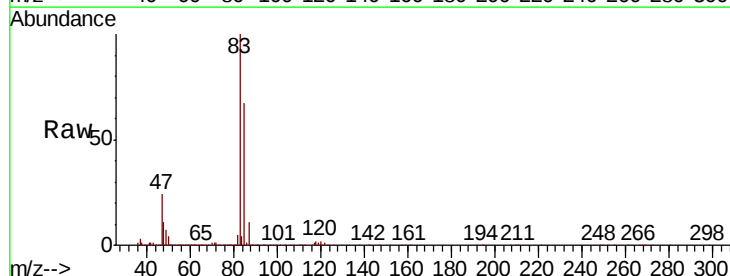
Acq: 31 Jul 2020 10:27

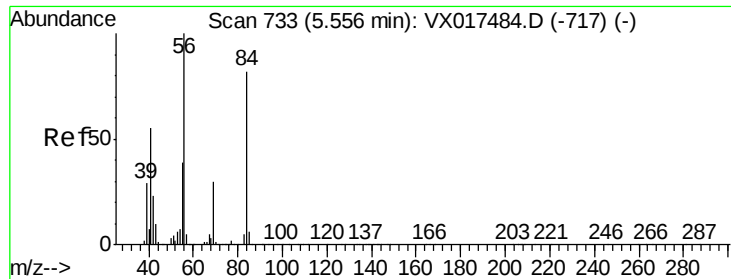
Tgt Ion: 83 Resp: 519101

Ion Ratio Lower Upper

83 100

85 67.1 51.4 77.2

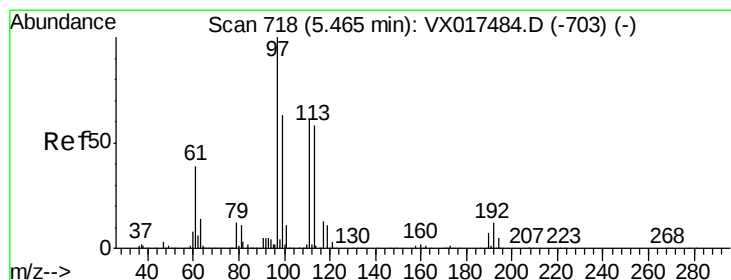
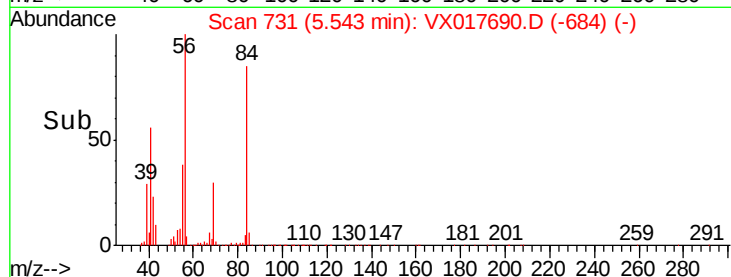
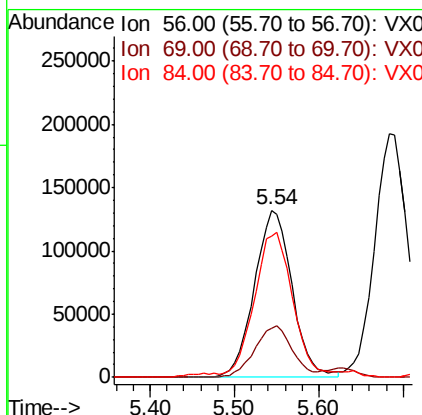
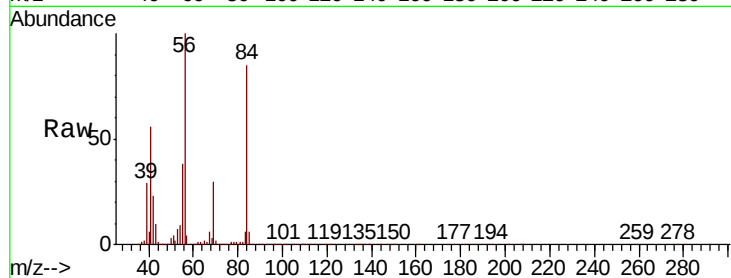




#31
Cyclohexane
Concen: 47.671 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

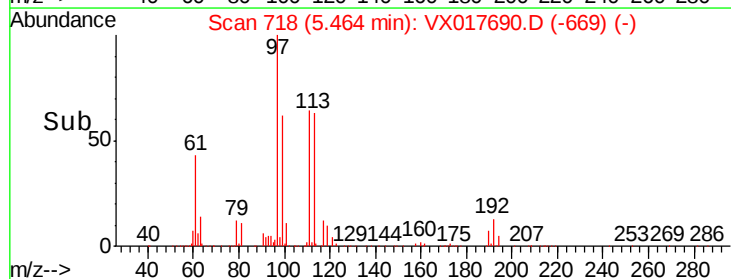
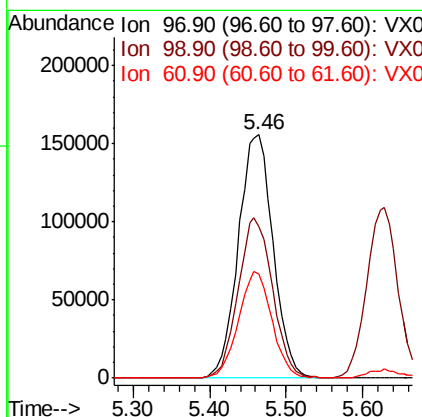
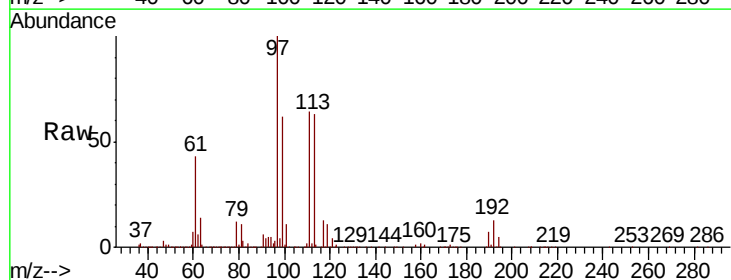
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

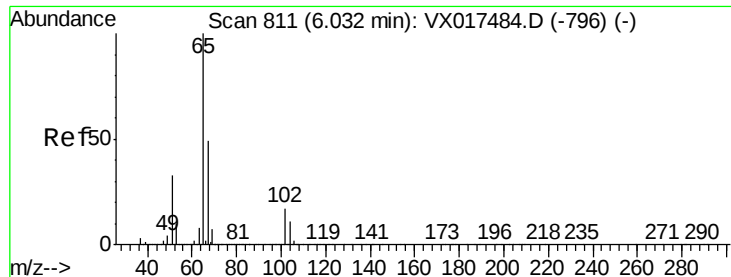
Tot Ion: 56 Resp: 408012
Ion Ratio Lower Upper
56 100
69 29.6 24.2 36.4
84 82.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.572 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 97 Resp: 491951
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 42.1 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 50.356 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

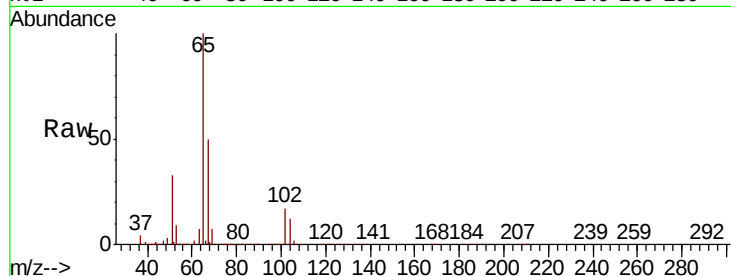
VSTDCCC050

Tot Ion: 65 Resp: 349473

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

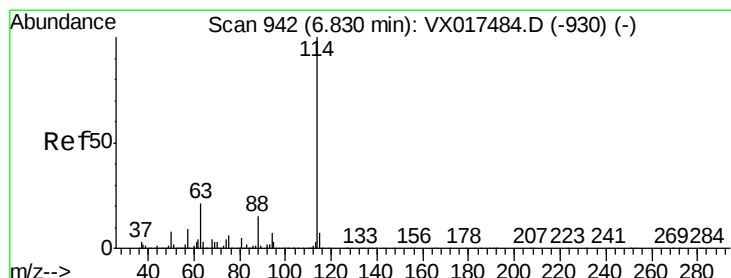
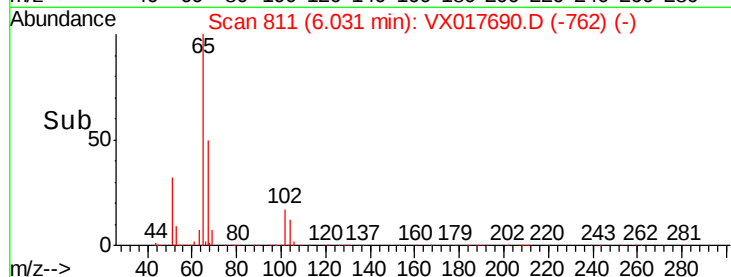
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

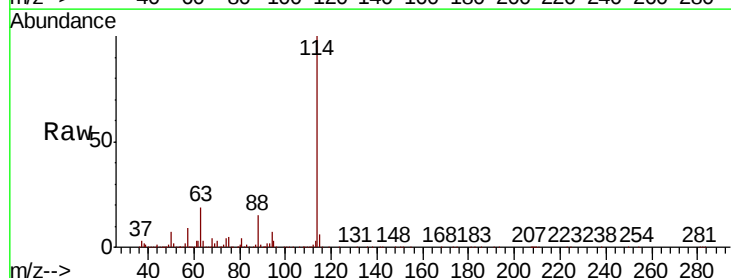
Tgt Ion: 114 Resp: 798663

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.6

88 15.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

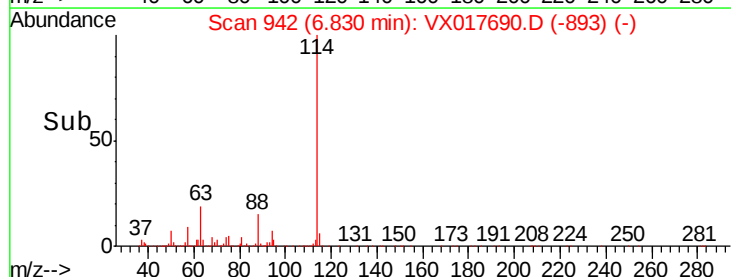
300000

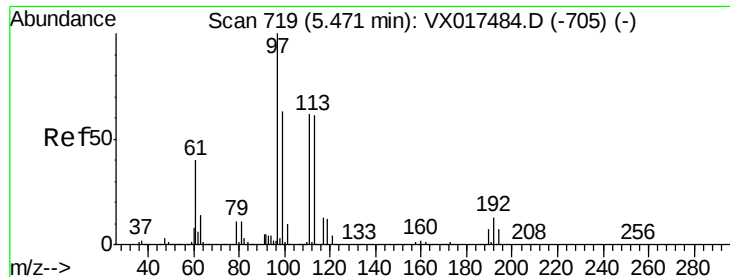
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

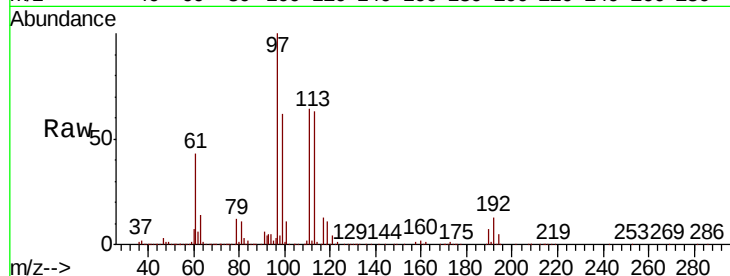




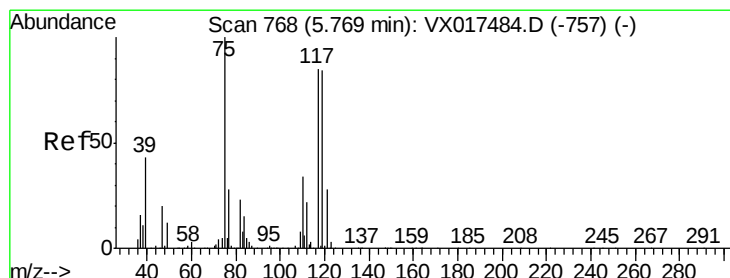
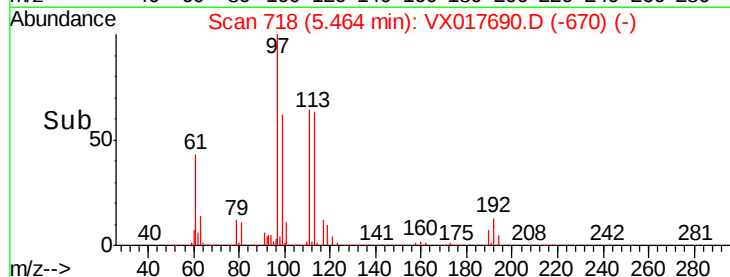
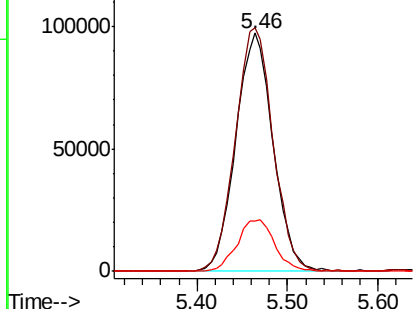
#35
 Dibromofluoromethane
 Concen: 51.984 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 277674
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 21.8 16.9 25.3

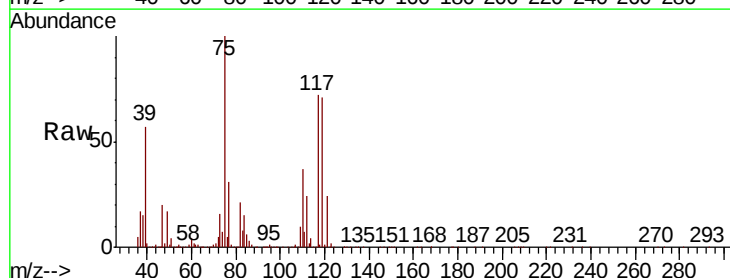


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

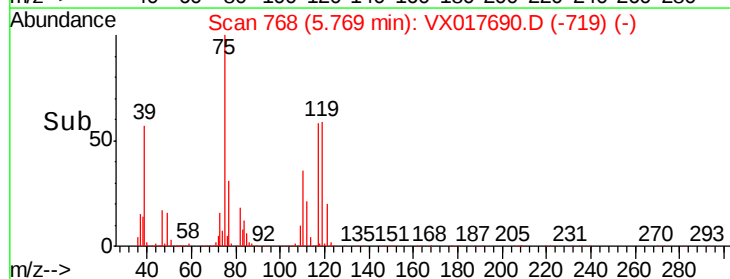
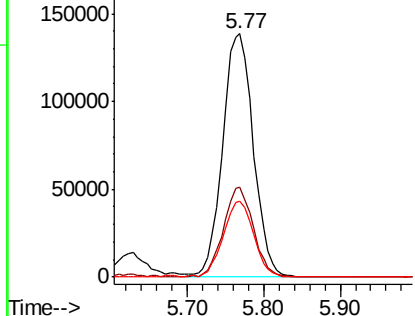


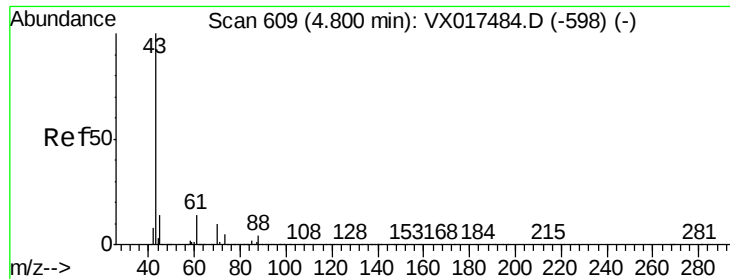
#36
 1,1-Dichloropropene
 Concen: 50.010 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion: 75 Resp: 383070
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.1 54.3
 77 30.6 24.6 37.0



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

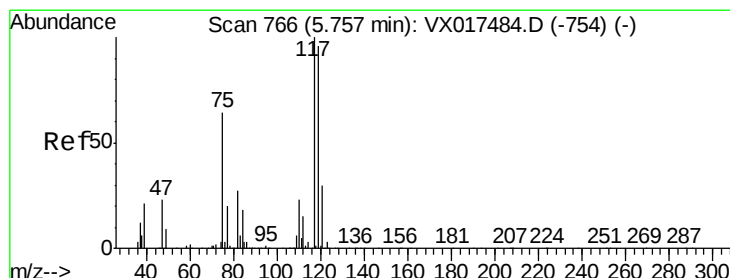
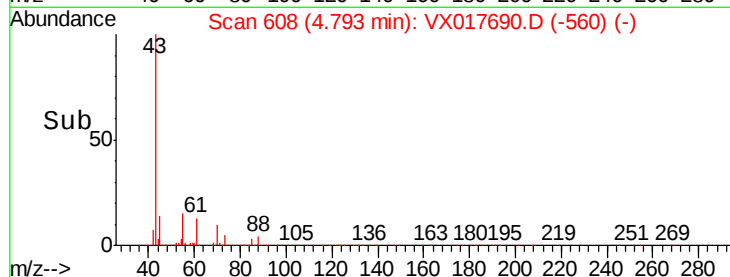
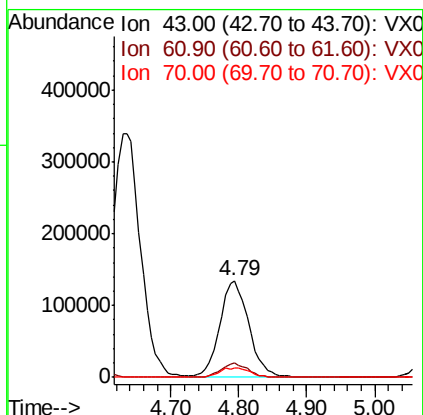
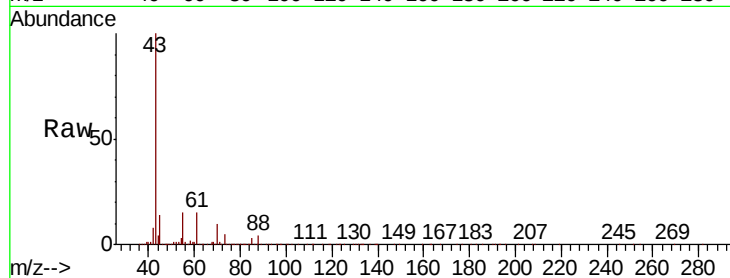




#37
Ethyl Acetate
Concen: 47.293 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

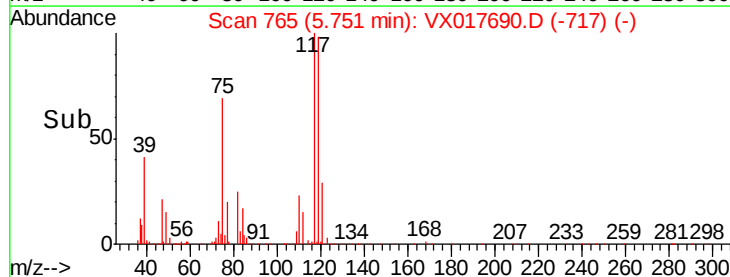
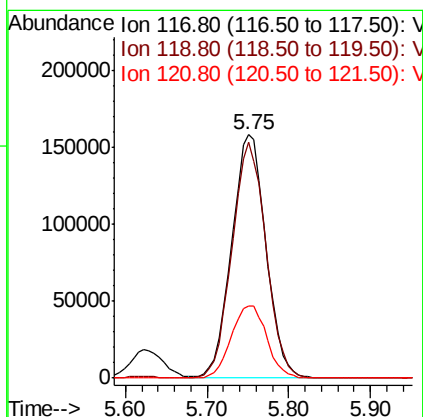
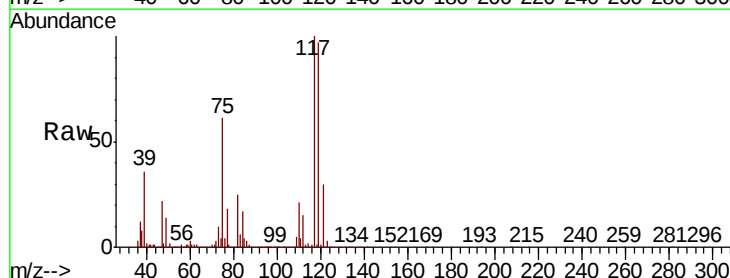
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

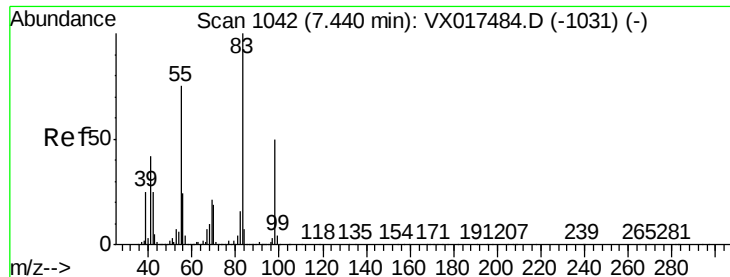
Tot Ion: 43 Resp: 396368
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.507 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 117 Resp: 460505
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0
121 29.5 24.3 36.5

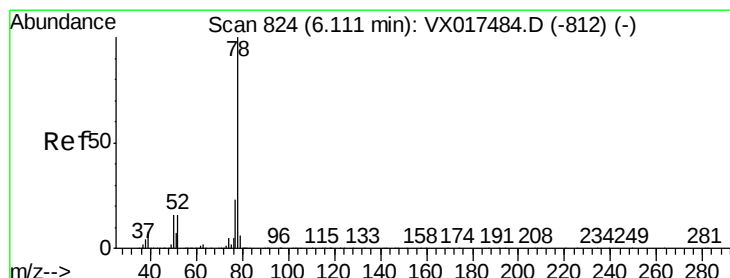
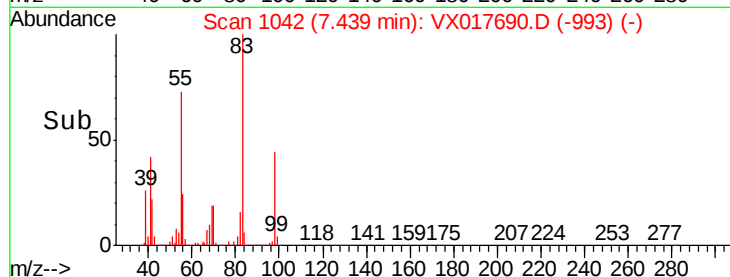
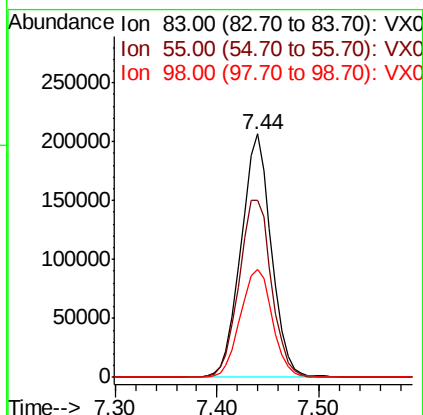
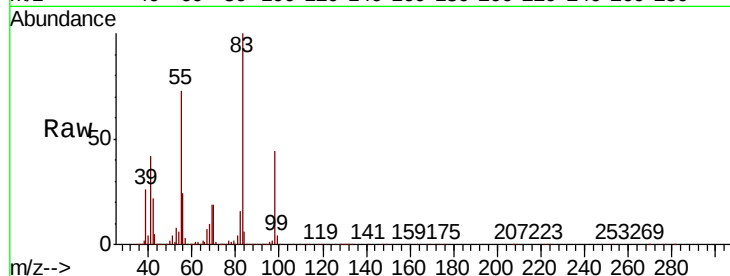




#39
Methvlcvclohexane
Concen: 47.781 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

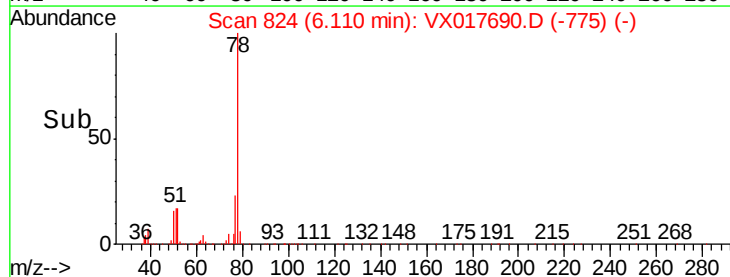
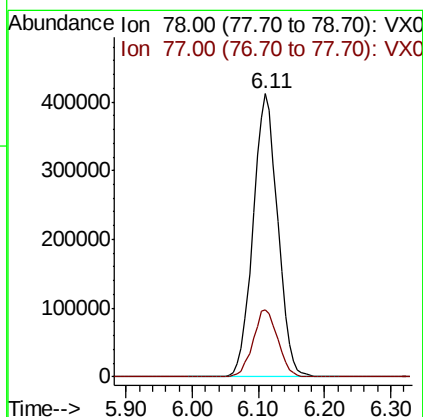
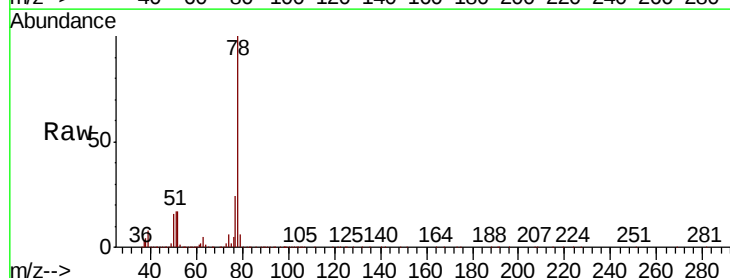
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

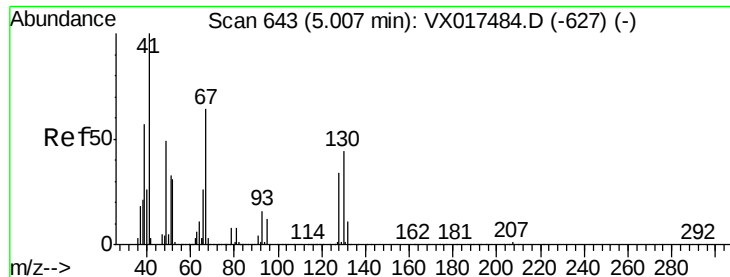
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.7	61.8	92.8
98	44.4	36.9	55.3



#40
Benzene
Concen: 48.654 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2





#41

Methacrylonitrile

Concen: 45.602 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 219070

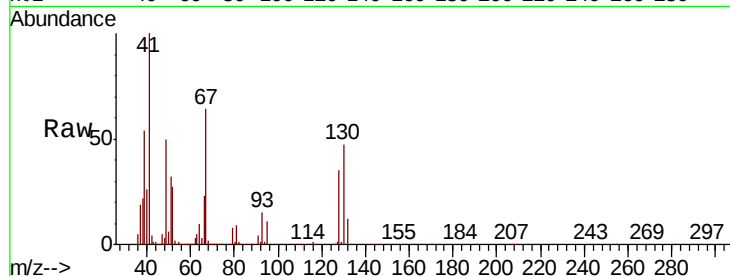
Ion Ratio Lower Upper

41 100

39 54.9 43.9 65.9

67 68.8 54.0 81.0

52 29.2 23.0 34.6

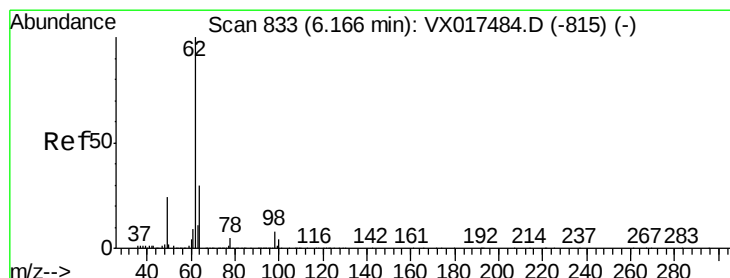
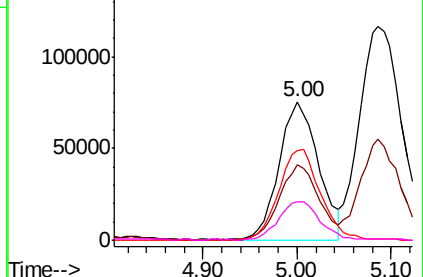
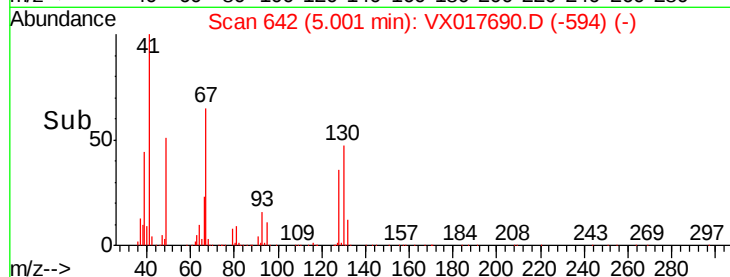


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.932 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017690.D

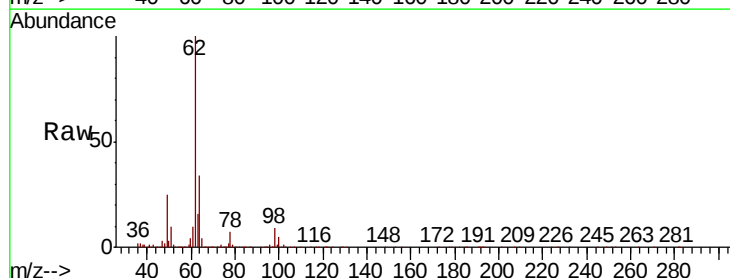
Acq: 31 Jul 2020 10:27

Tgt Ion: 62 Resp: 439613

Ion Ratio Lower Upper

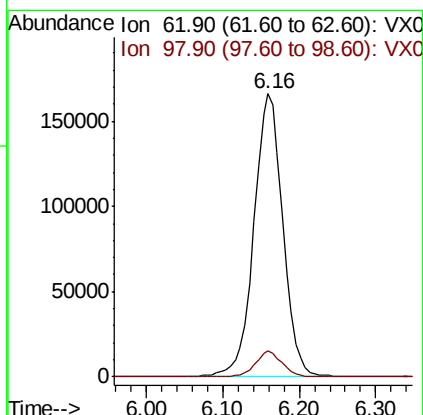
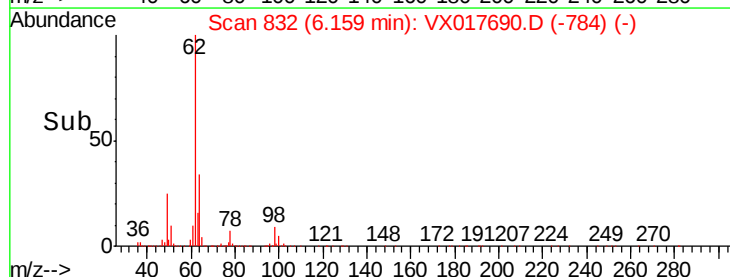
62 100

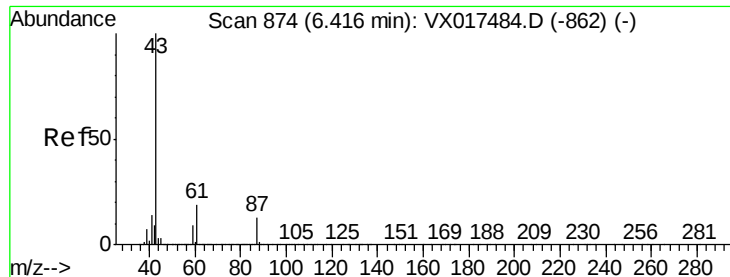
98 8.5 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



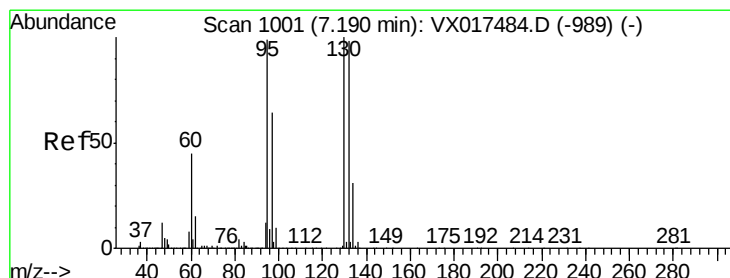
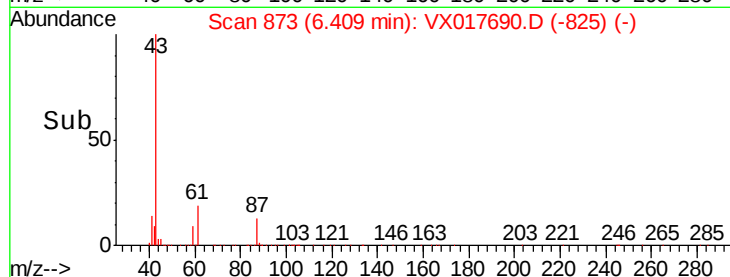
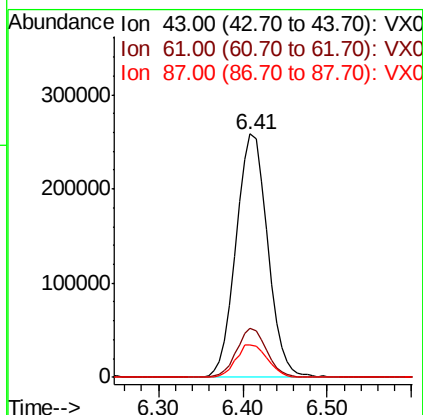
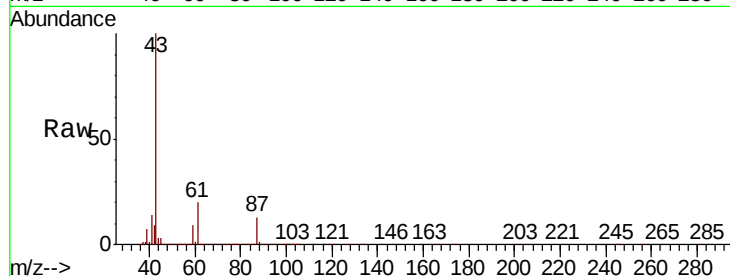


#43

Isopropyl Acetate
 Concen: 47.338 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

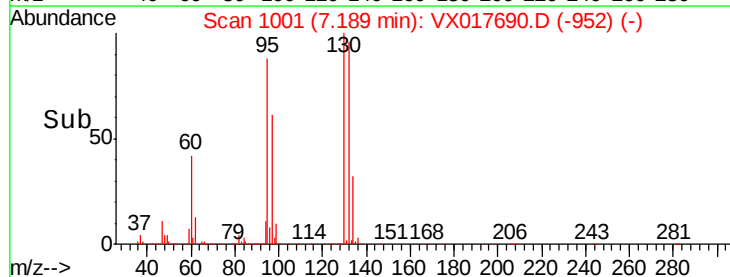
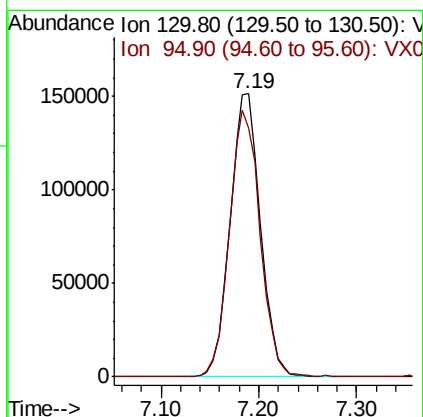
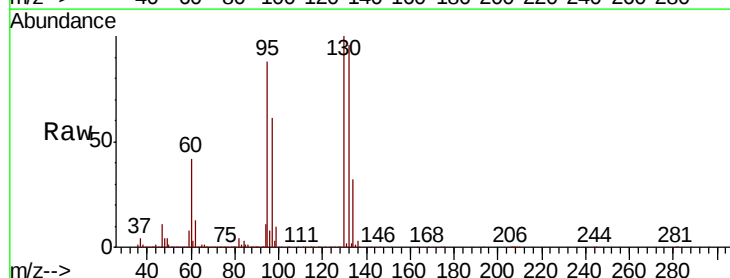
Tot Ion	43	Resp	654608
Ion Ratio	Lower	Upper	
43	100		
61	19.1	15.5	23.3
87	13.3	10.5	15.7

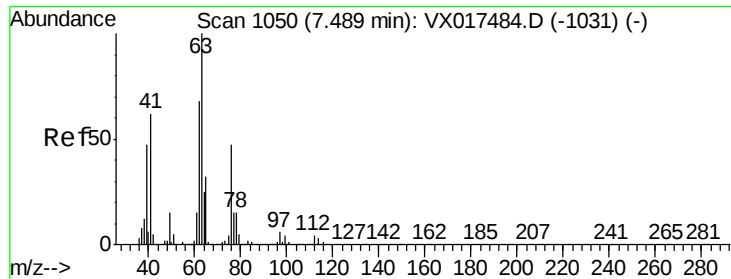


#44

Trichloroethene
 Concen: 50.791 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	130	Resp	325968
Ion Ratio	Lower	Upper	
130	100		
95	87.8	0.0	189.0

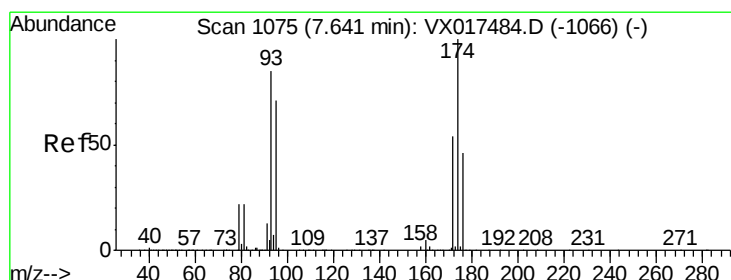
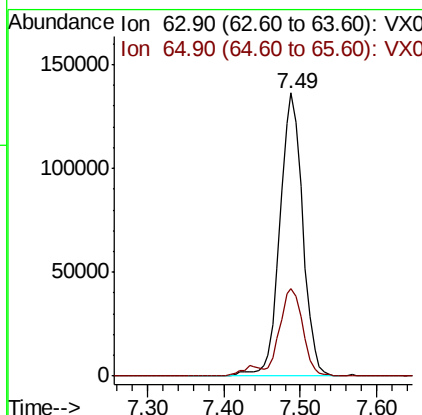
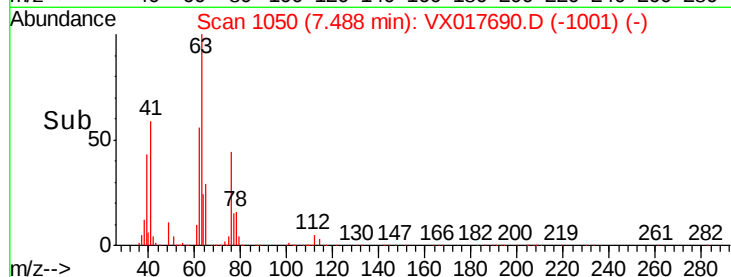
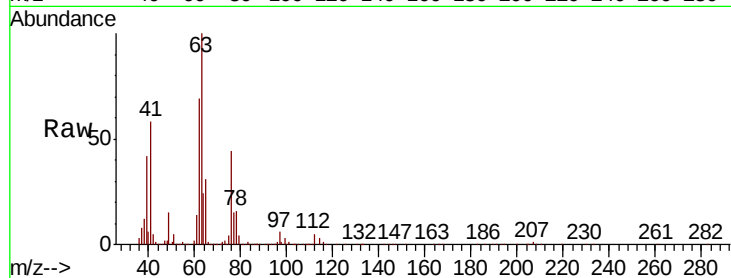




#45
 1,2-Dichloropropane
 Concen: 46.166 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

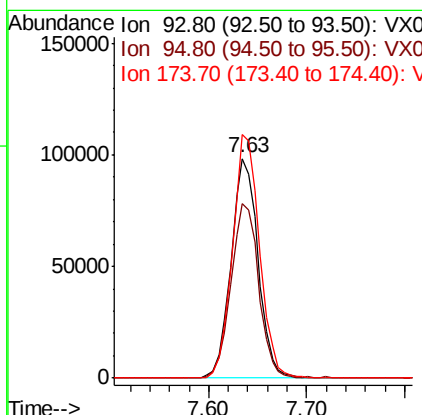
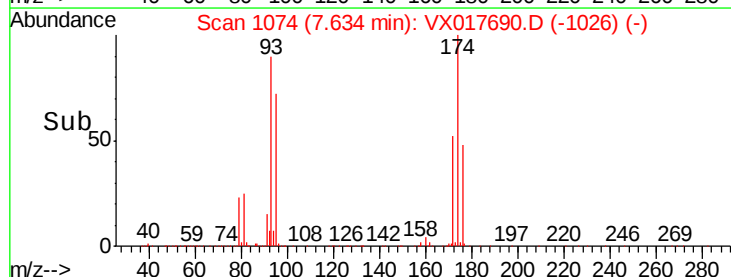
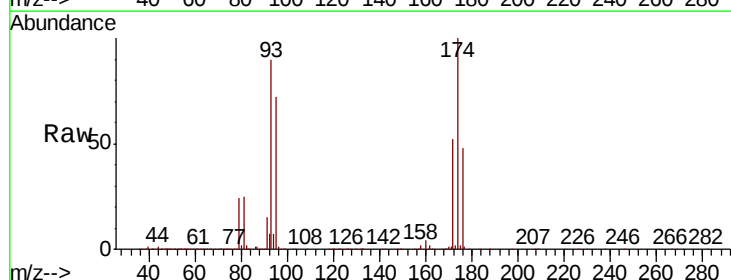
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

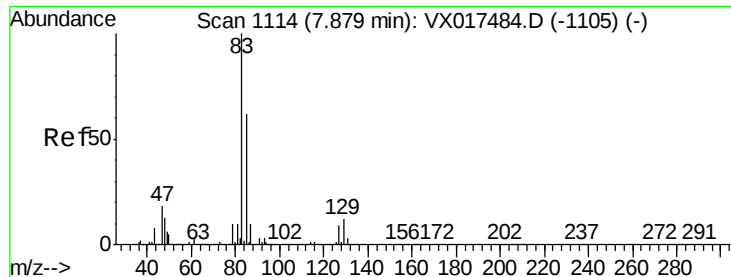
Tot Ion: 63 Resp: 281051
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.5 36.7



#46
 Dibromomethane
 Concen: 43.739 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion: 93 Resp: 188180
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 99.8
 174 110.9 87.0 130.6





#47

Bromodichloromethane

Concen: 47.047 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

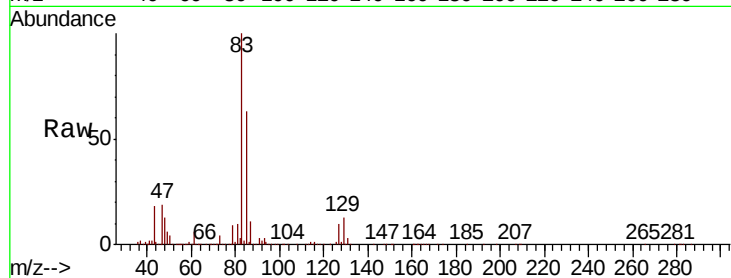
Tot Ion: 83 Resp: 407280

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

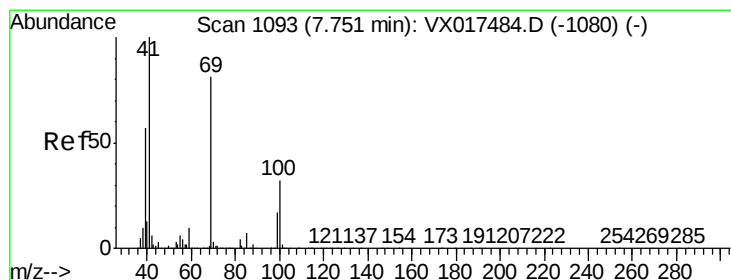
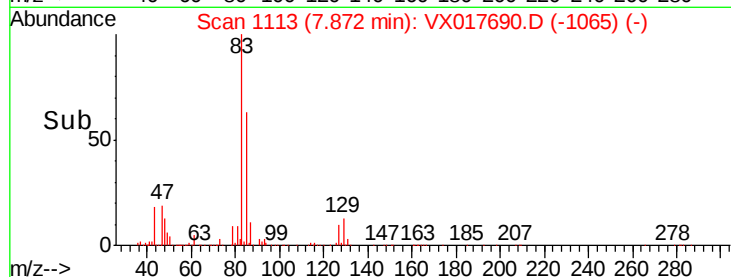
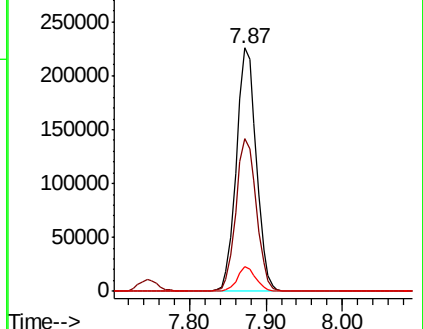
127 10.1 7.4 11.2



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: 44.735 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

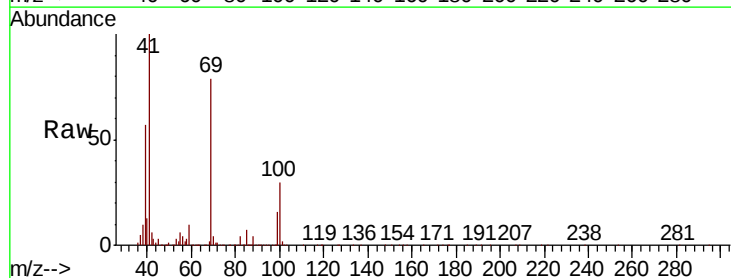
Tgt Ion: 41 Resp: 306639

Ion Ratio Lower Upper

41 100

69 80.5 63.1 94.7

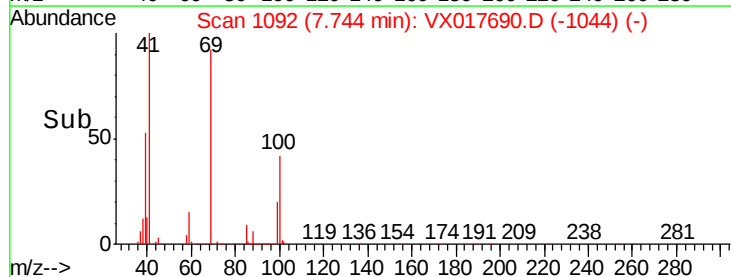
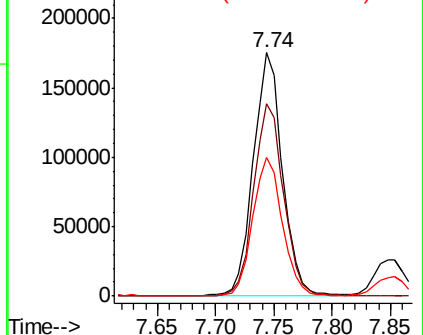
39 57.6 45.1 67.7

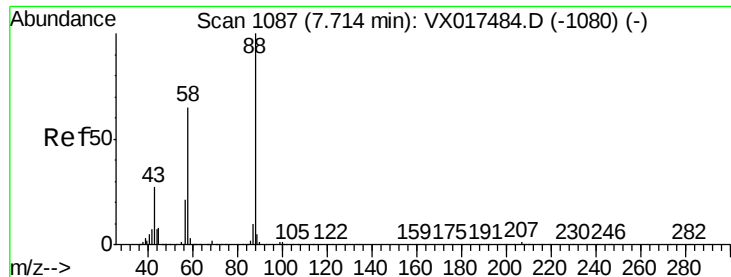


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

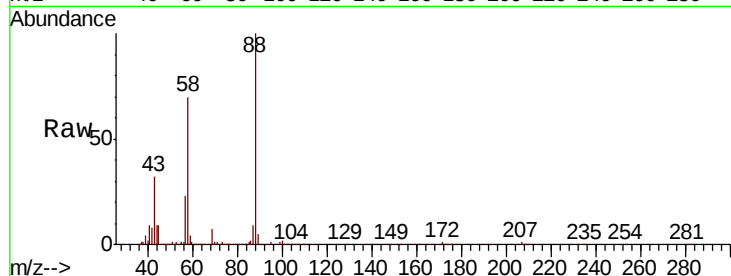




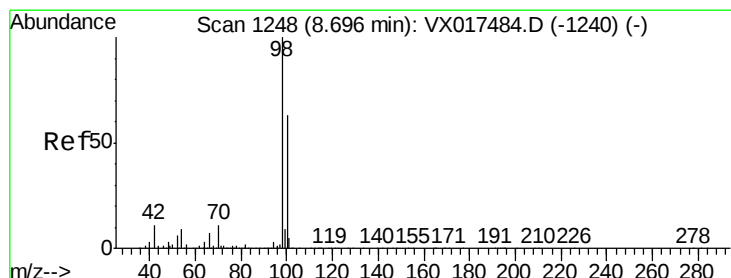
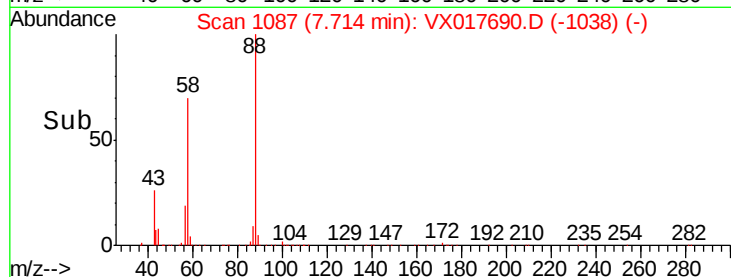
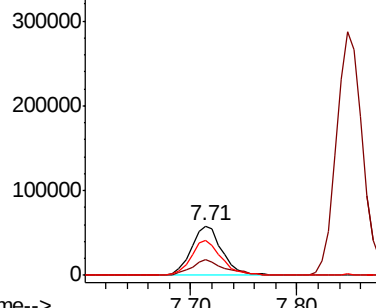
#49
1,4-Dioxane
Concen: 882.516 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.8	41.6
58	71.0	58.3	87.5

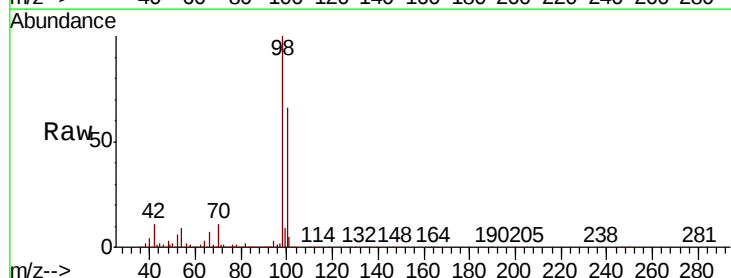


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

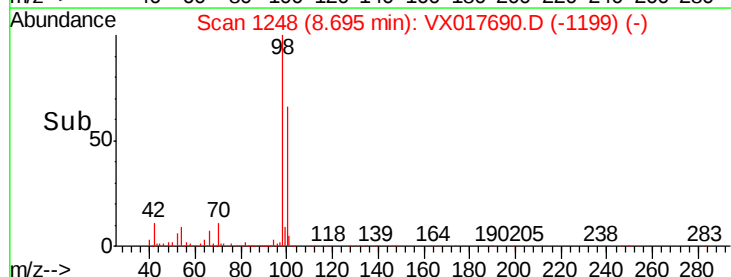
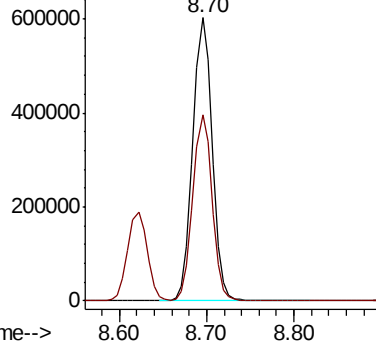


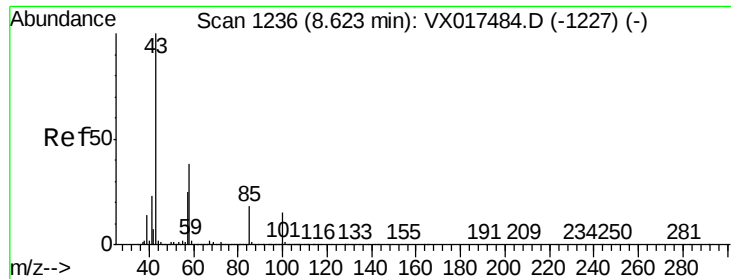
#50
Toluene-d8
Concen: 47.983 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5



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





#51

4-Methyl-2-Pentanone

Concen: 233.104 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

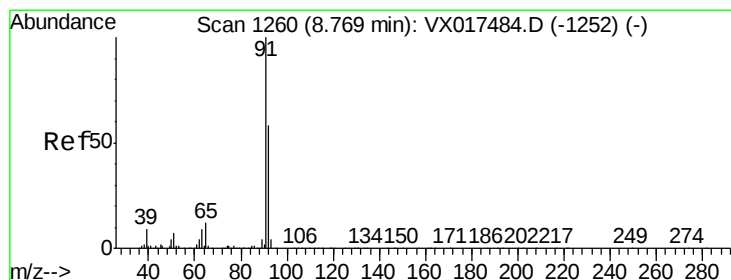
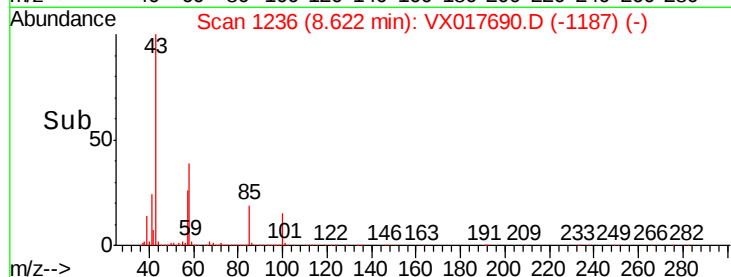
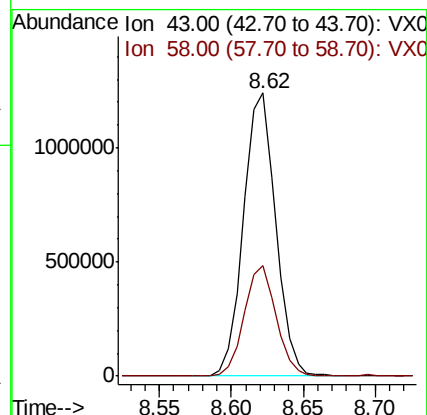
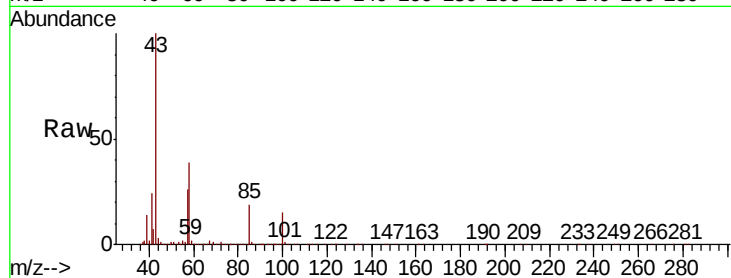
VSTDCCC050

Tot Ion: 43 Resp: 1923303

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4



#52

Toluene

Concen: 46.615 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017690.D

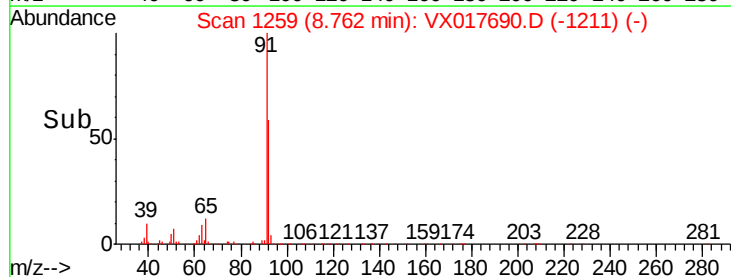
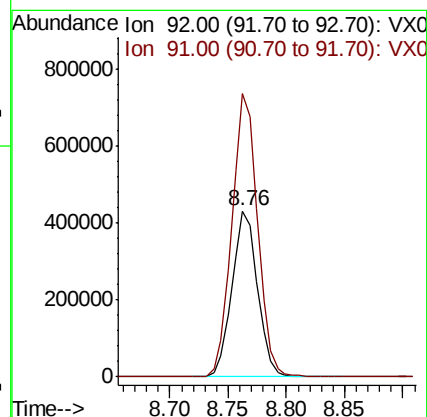
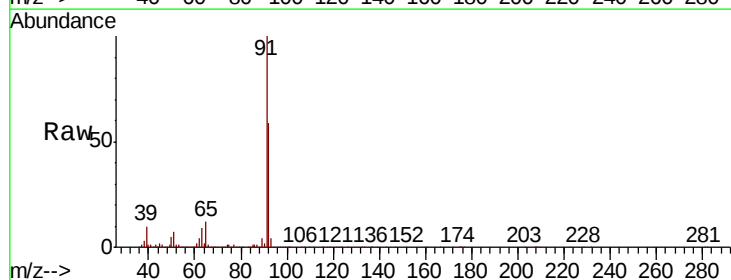
Acq: 31 Jul 2020 10:27

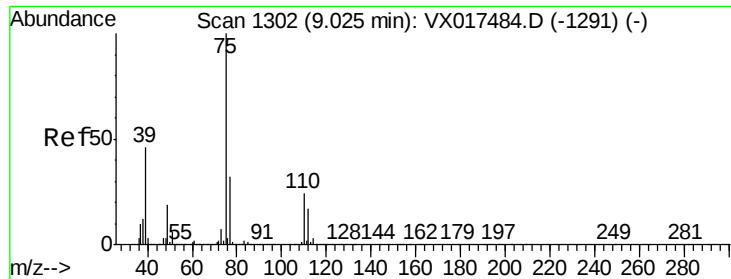
Tgt Ion: 92 Resp: 656514

Ion Ratio Lower Upper

92 100

91 172.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 48.452 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

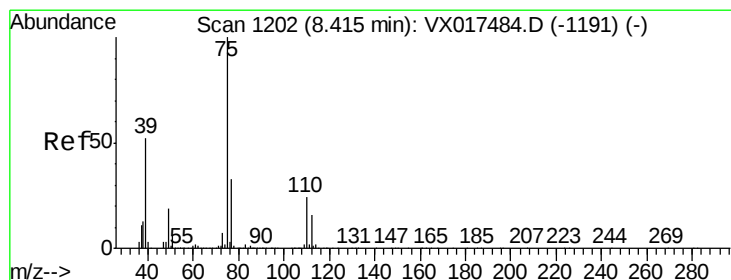
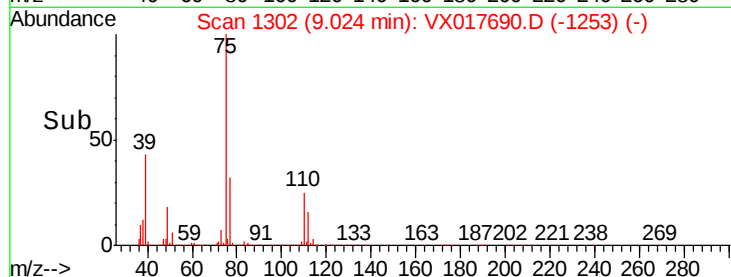
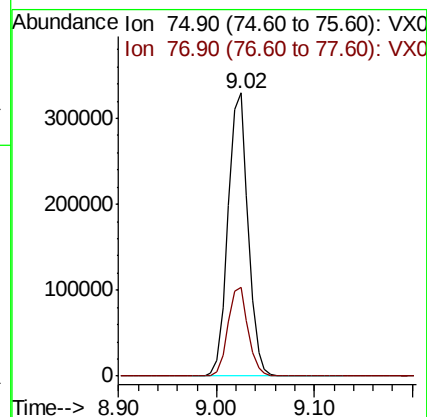
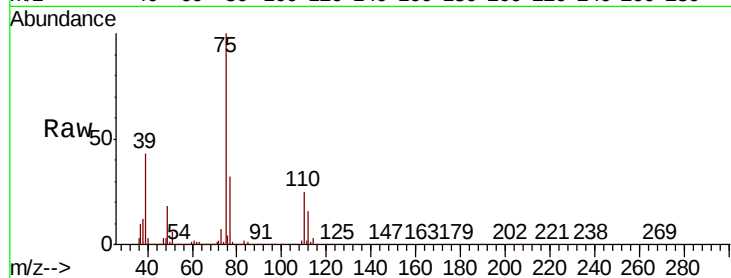
VSTDCCC050

Tot Ion: 75 Resp: 469535

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 47.963 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

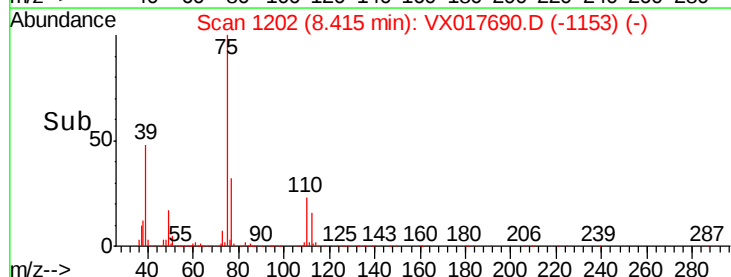
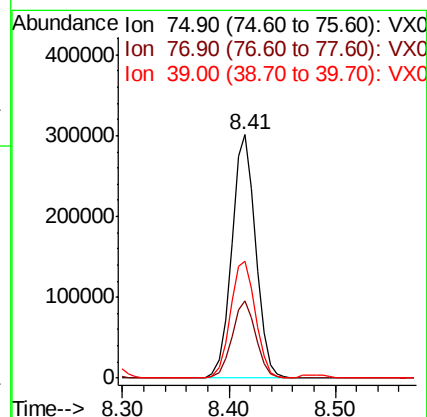
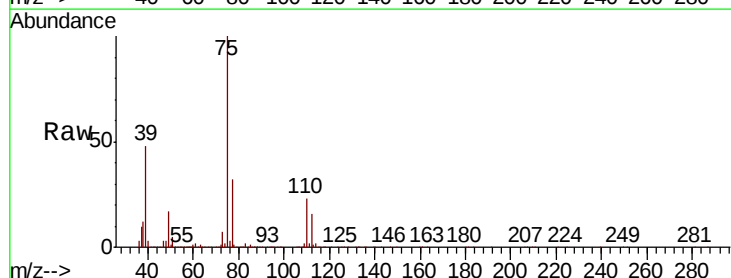
Tgt Ion: 75 Resp: 474082

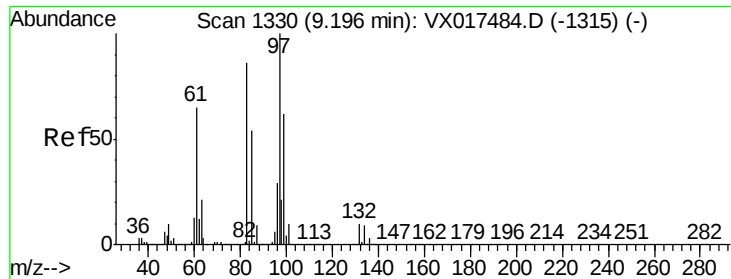
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 48.0 41.8 62.8

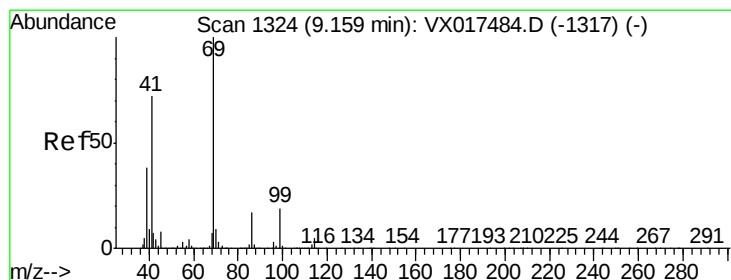
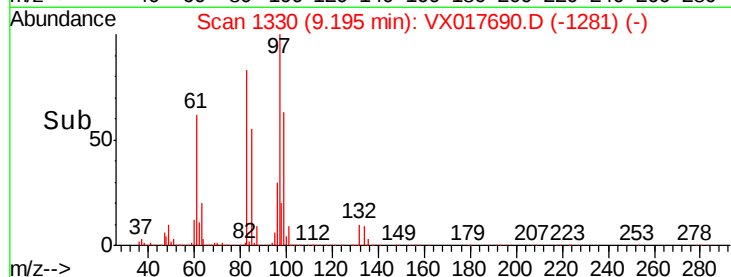
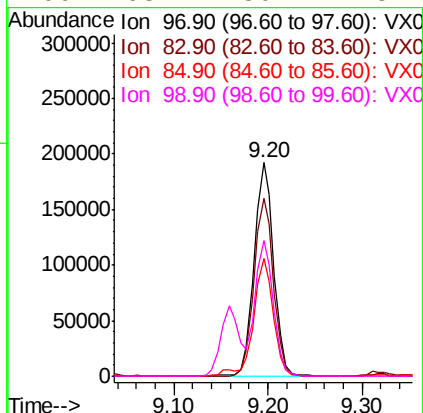
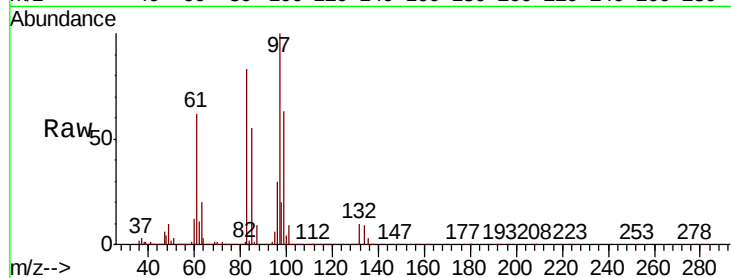




#55
 1,1,2-Trichloroethane
 Concen: 47.848 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

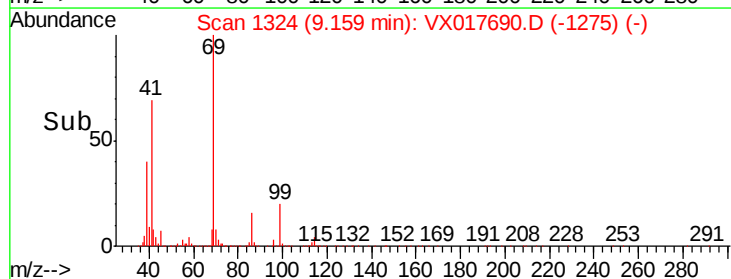
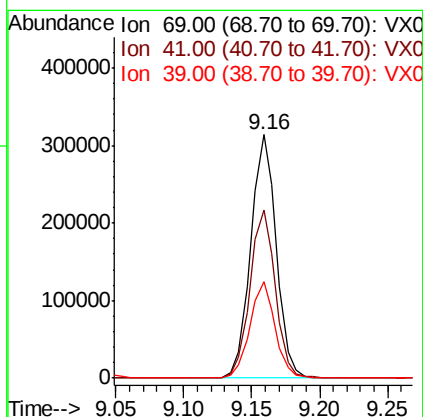
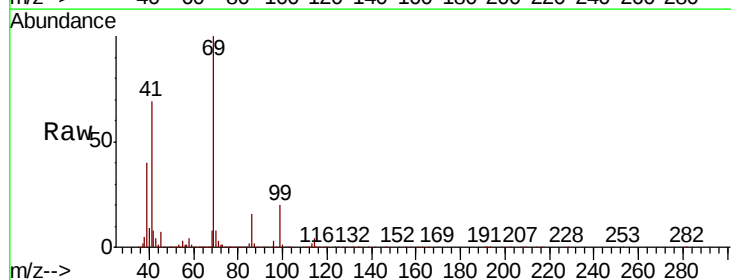
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

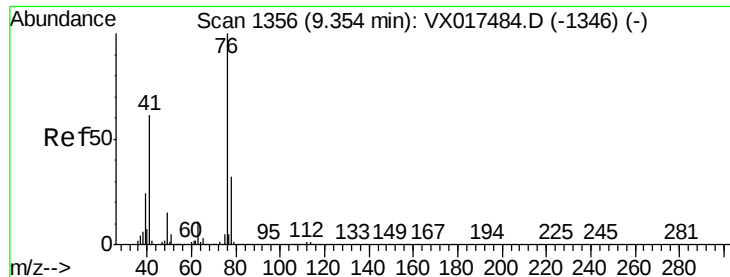
Tot Ion:	97	Resp:	280720
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.6	101.4
85	55.3	44.6	67.0
99	63.4	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 46.712 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion:	69	Resp:	412891
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.0	82.6
39	38.9	30.0	45.0





#57

1,3-Dichloropropane

Concen: 46.833 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

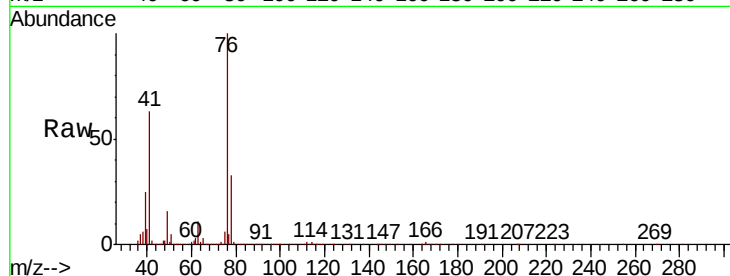
VSTDCCC050

Tot Ion: 76 Resp: 452432

Ion Ratio Lower Upper

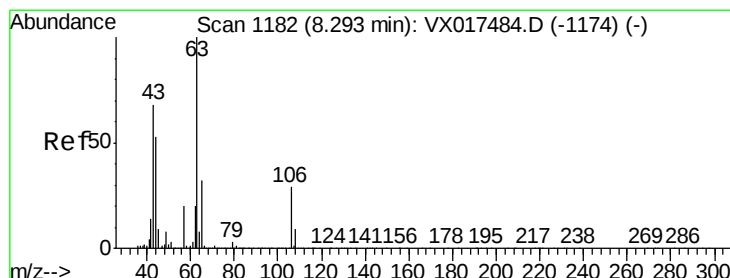
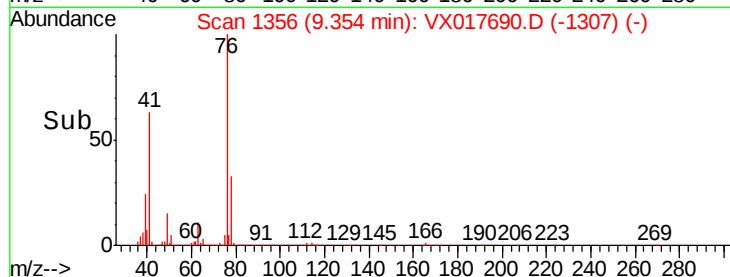
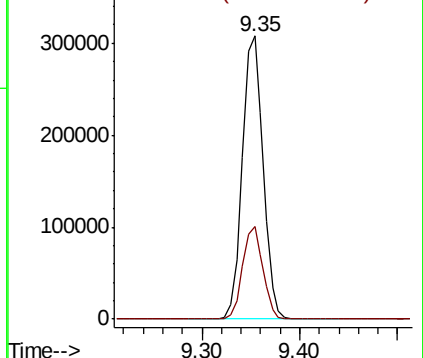
76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 221.301 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017690.D

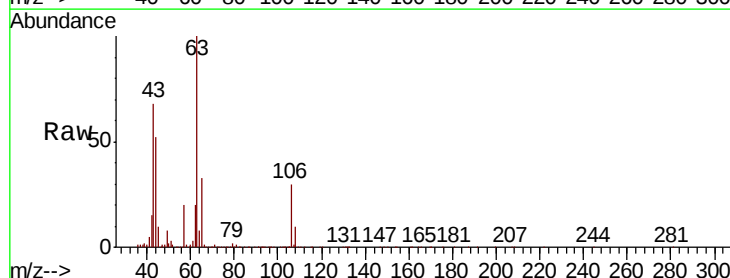
Acq: 31 Jul 2020 10:27

Tgt Ion: 63 Resp: 1030551

Ion Ratio Lower Upper

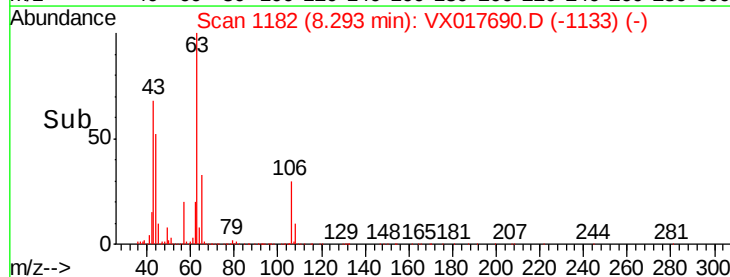
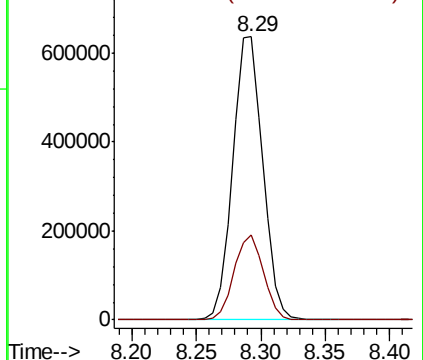
63 100

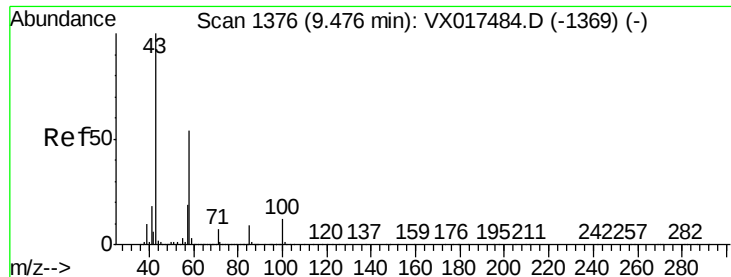
106 29.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

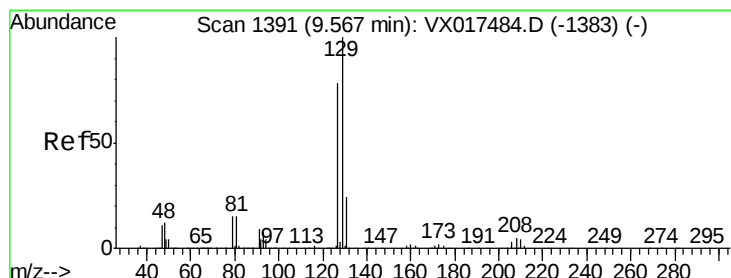
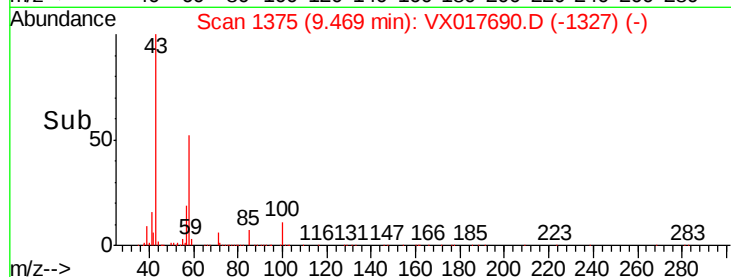
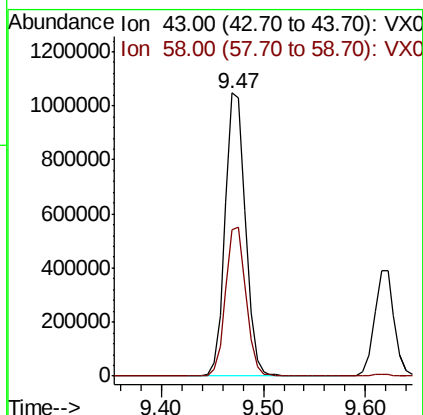
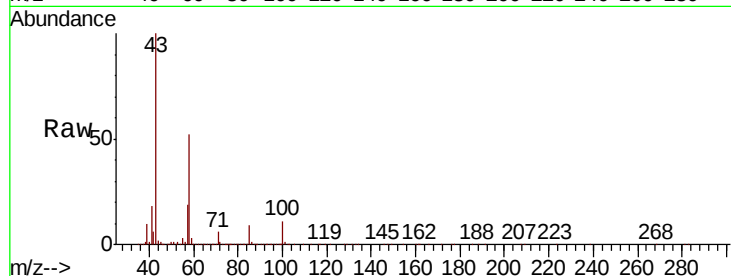




#59
2-Hexanone
Concen: 232.354 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

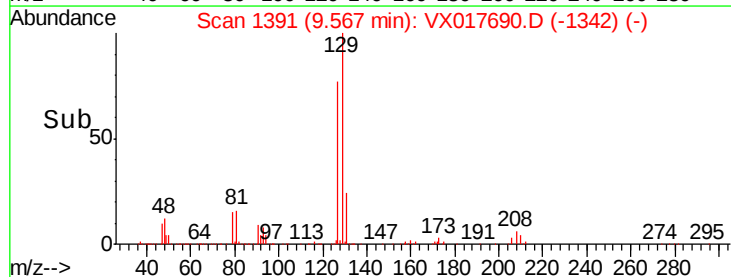
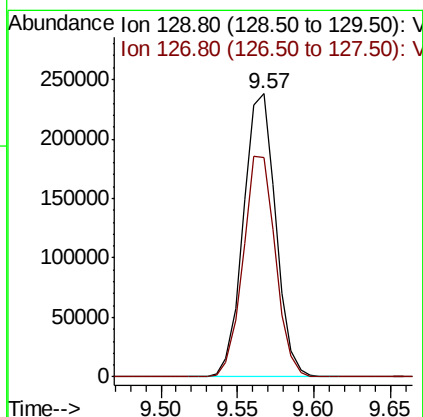
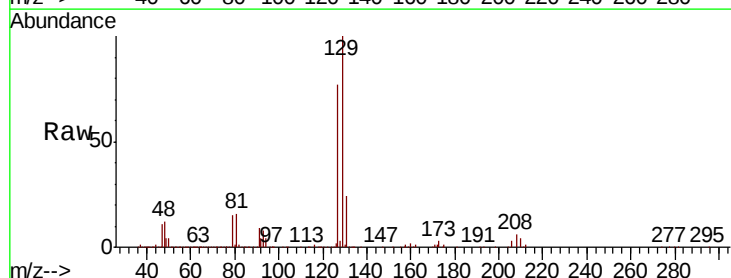
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

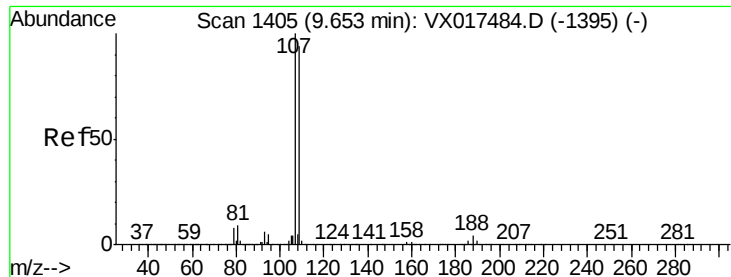
Tot Ion: 43 Resp: 1443370
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.8



#60
Dibromochloromethane
Concen: 46.773 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 129 Resp: 348782
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.070 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

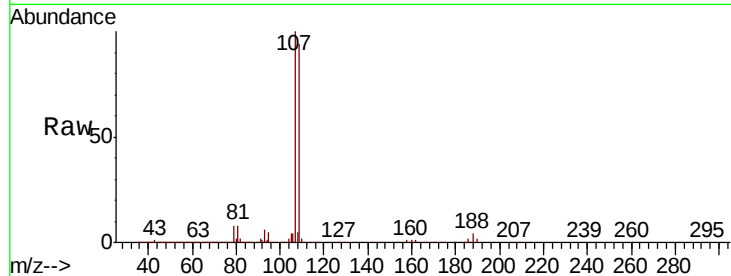
VSTDCCC050

Tot Ion:107 Resp: 294011

Ion Ratio Lower Upper

107 100

109 95.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

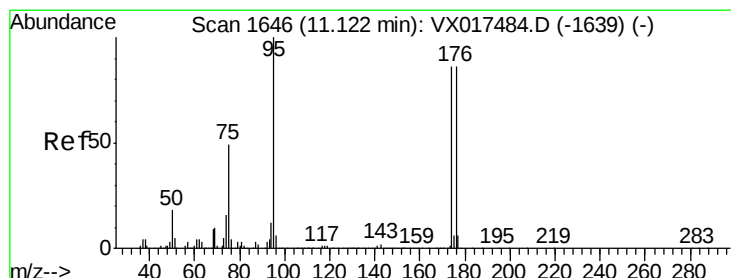
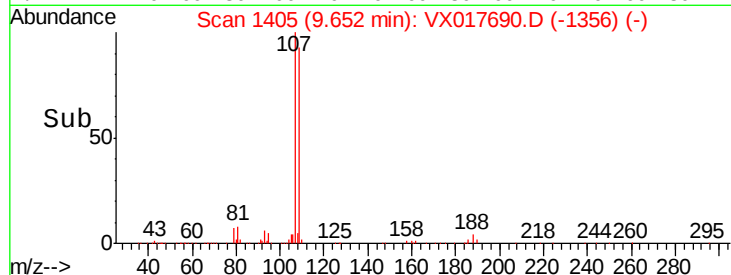
100000

50000

0

9.60 9.65 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.991 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

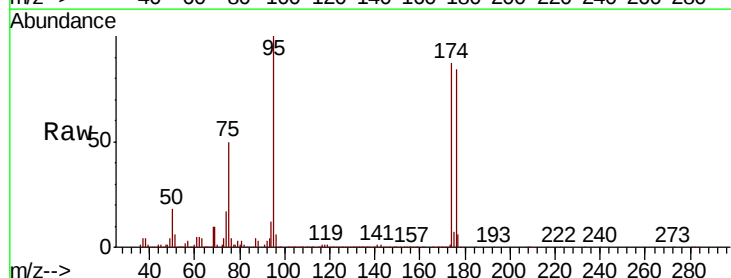
Tgt Ion: 95 Resp: 393226

Ion Ratio Lower Upper

95 100

174 87.2 0.0 169.0

176 81.9 0.0 161.0



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

400000

300000

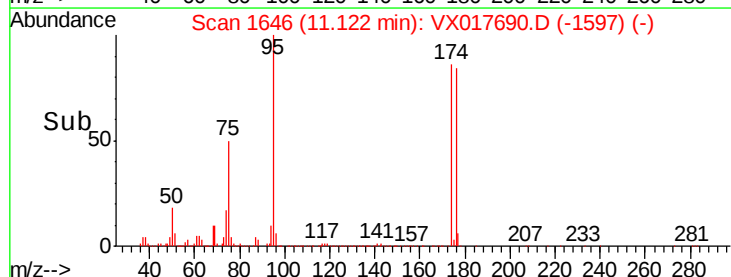
200000

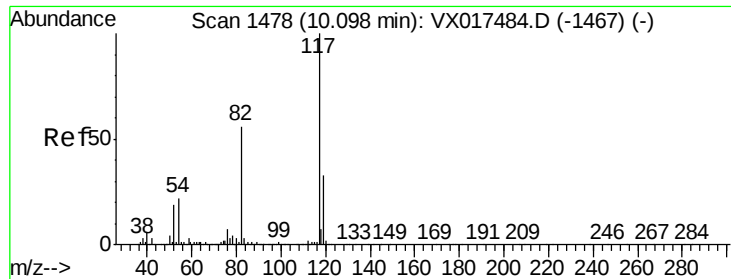
100000

0

11.05 11.10 11.15 11.20

Time-->

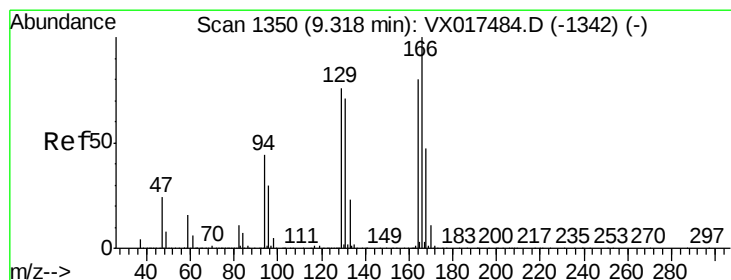
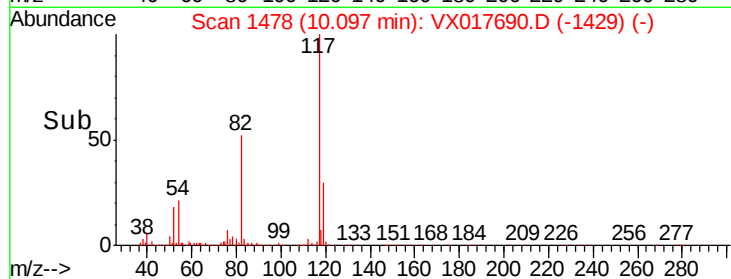
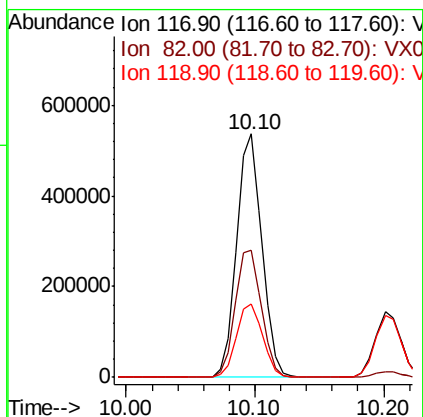
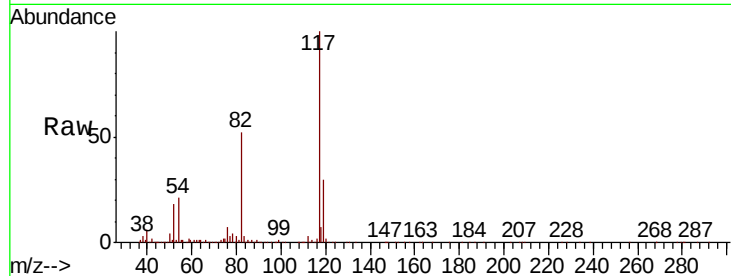




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

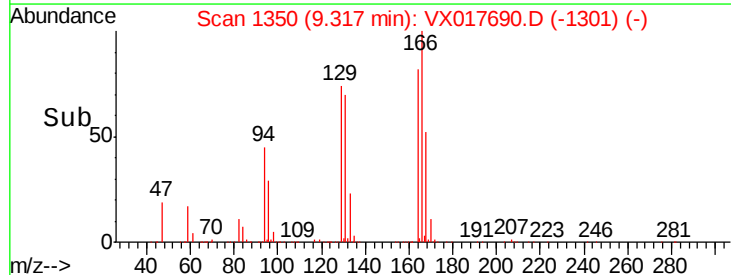
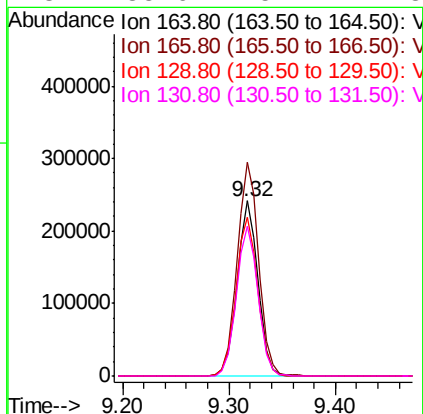
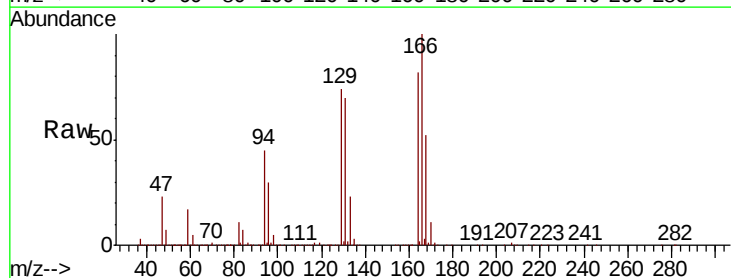
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

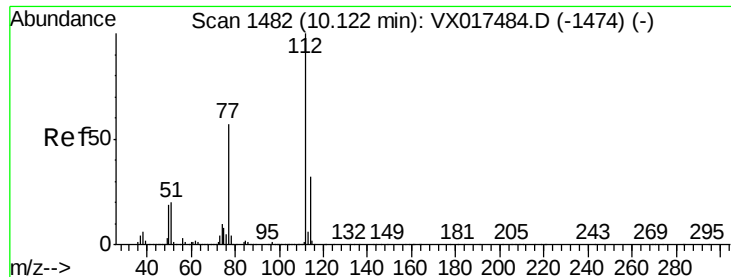
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.0	66.0
119	30.0	25.4	38.0



#64
Tetrachloroethene
Concen: 50.650 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	100.6	150.8
129	90.7	75.0	112.6
131	85.6	75.2	112.8

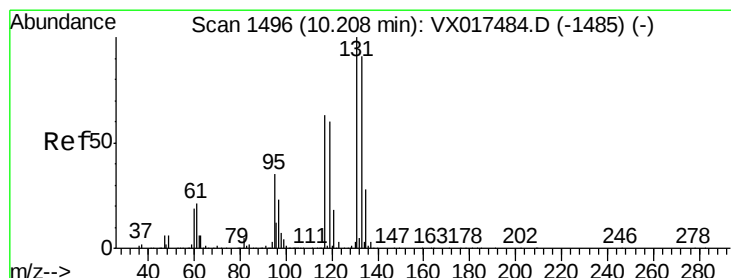
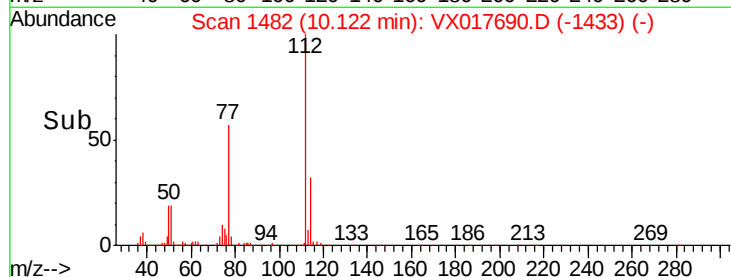
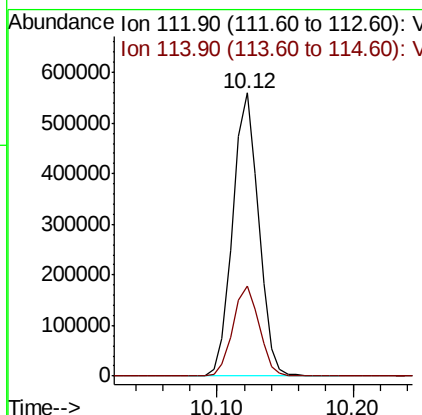
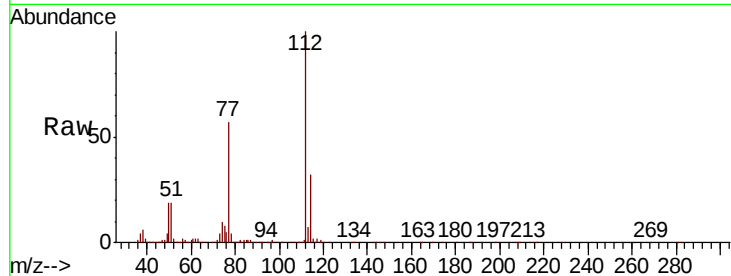




#65
Chlorobenzene
Concen: 47.028 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

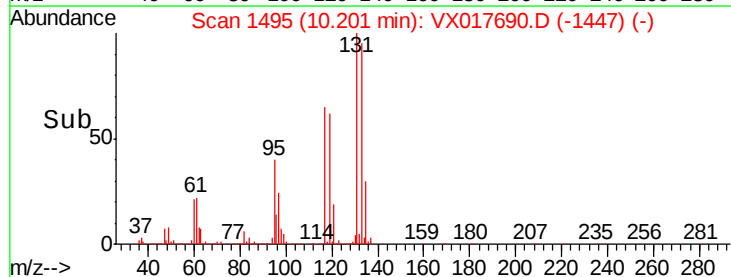
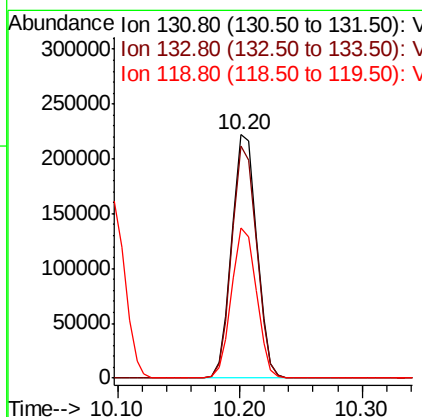
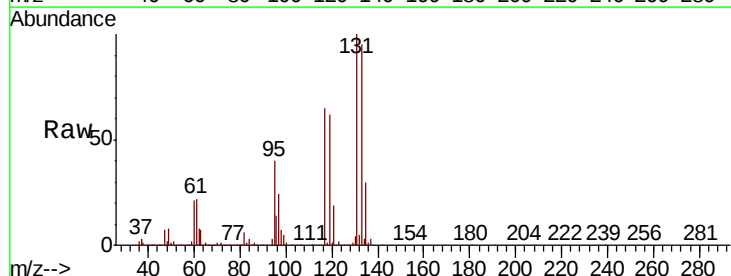
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

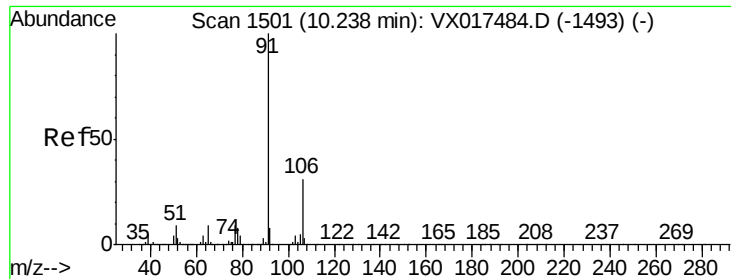
Tot Ion:112 Resp: 744008
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.074 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion:131 Resp: 313341
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 61.5 31.1 93.3





#67

Ethyl Benzene

Concen: 49.913 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

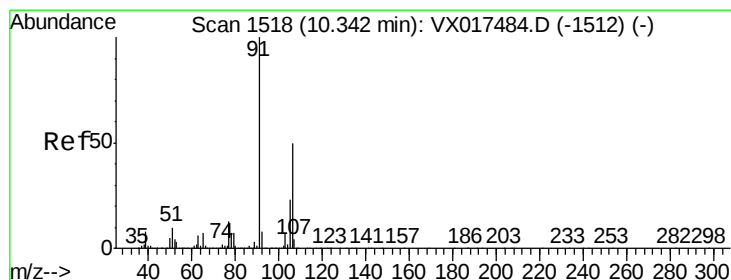
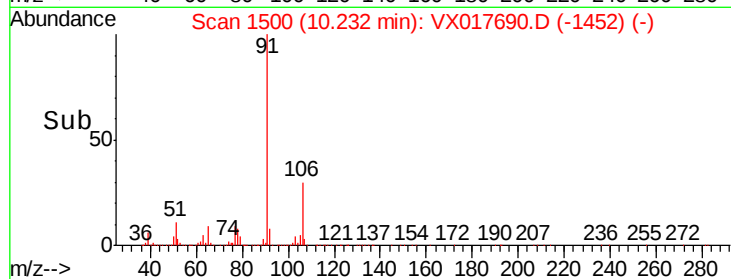
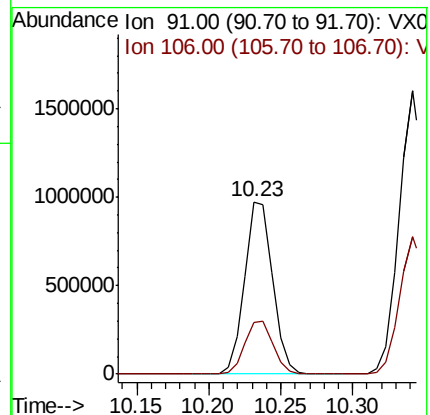
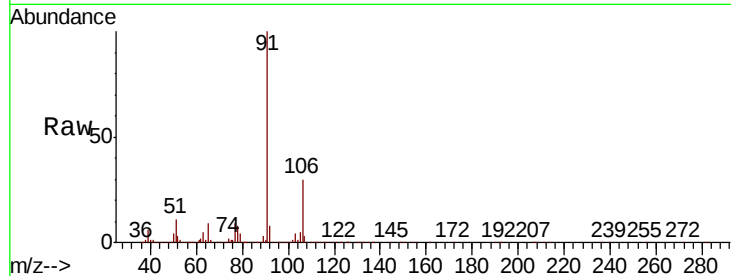
VSTDCCC050

Tot Ion: 91 Resp: 1318158

Ion Ratio Lower Upper

91 100

106 30.2 25.8 38.6



#68

m/p-Xylenes

Concen: 100.797 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017690.D

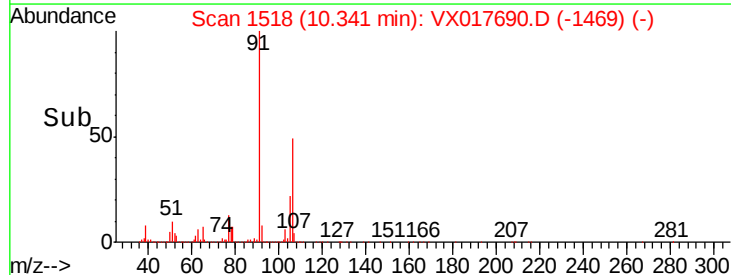
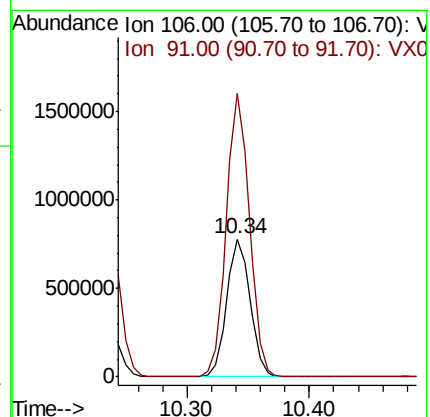
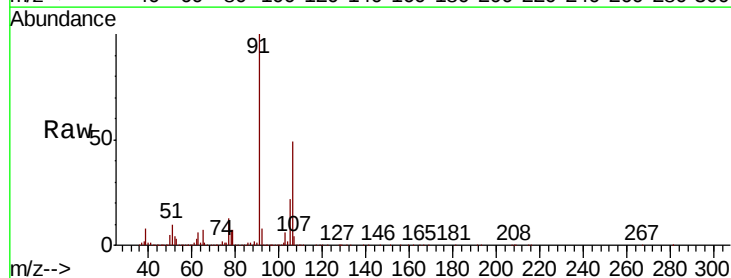
Acq: 31 Jul 2020 10:27

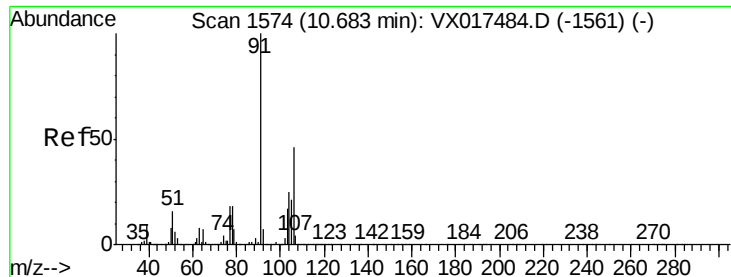
Tgt Ion: 106 Resp: 1031228

Ion Ratio Lower Upper

106 100

91 204.3 160.9 241.3

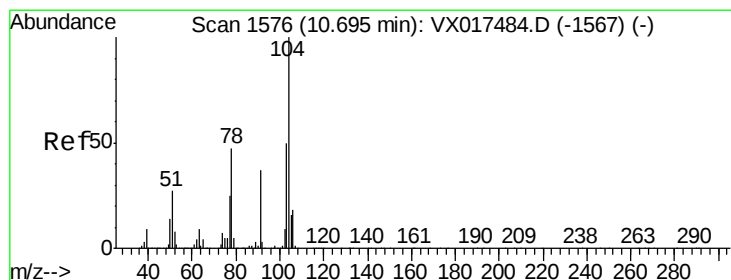
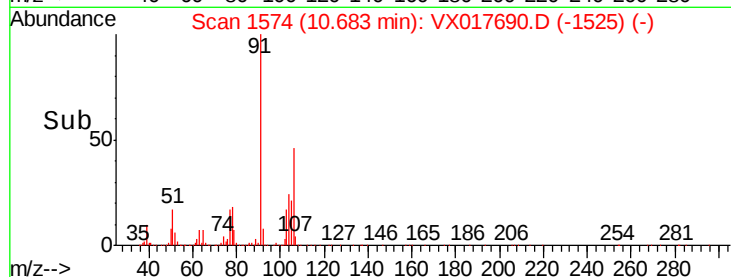
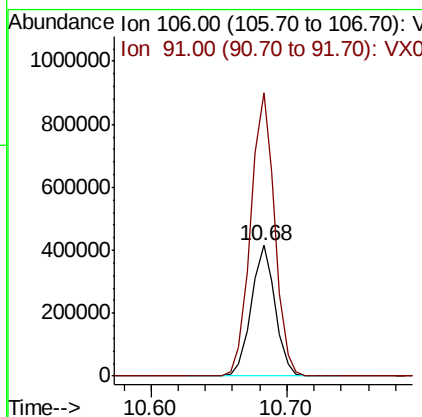
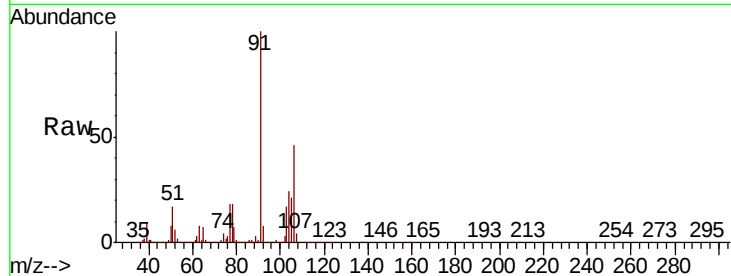




#69
o-Xylene
Concen: 51.927 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

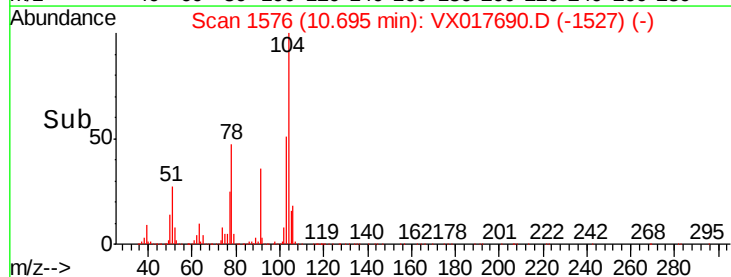
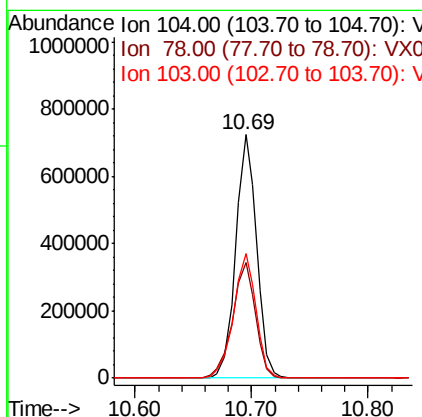
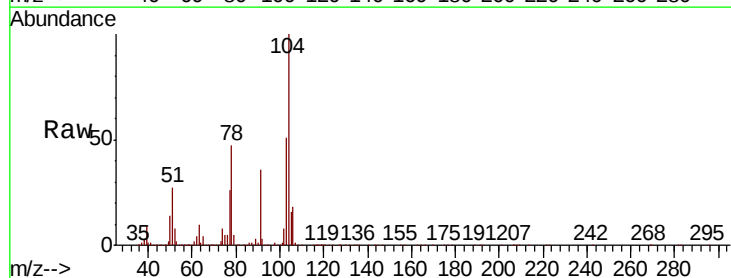
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

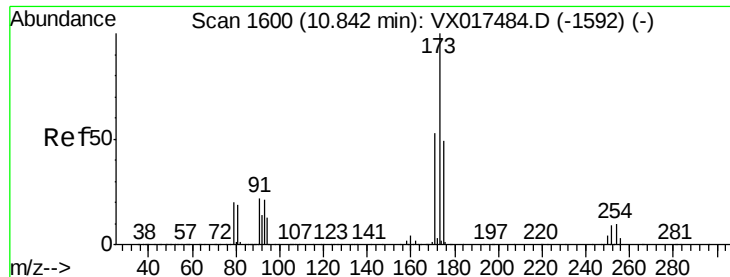
Tot Ion:106 Resp: 510941
Ion Ratio Lower Upper
106 100
91 218.0 108.2 324.6



#70
Styrene
Concen: 54.201 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion:104 Resp: 907393
Ion Ratio Lower Upper
104 100
78 51.9 42.5 63.7
103 55.2 44.3 66.5





#71

Bromoform

Concen: 51.151 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

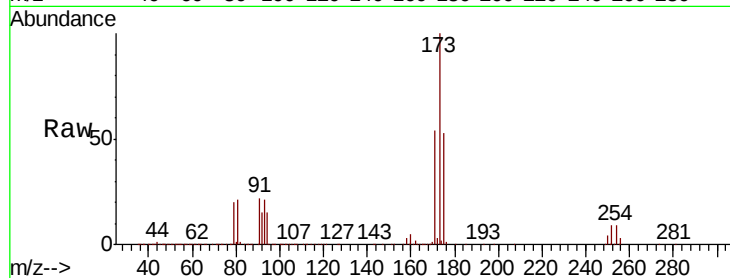
Tot Ion:173 Resp: 282957

Ion Ratio Lower Upper

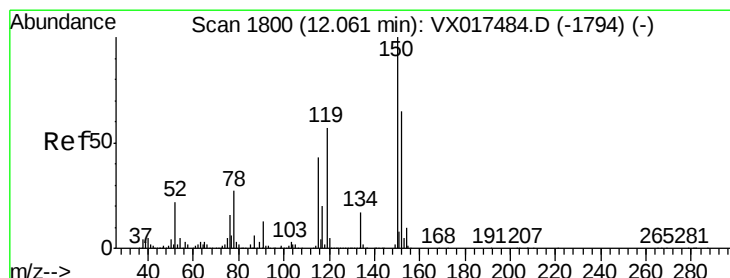
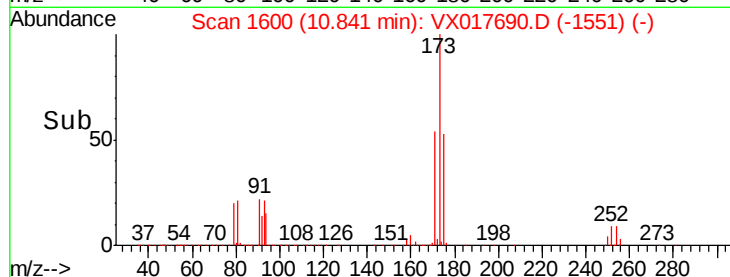
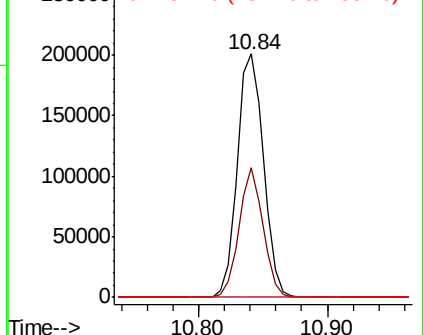
173 100

175 48.8 23.8 71.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

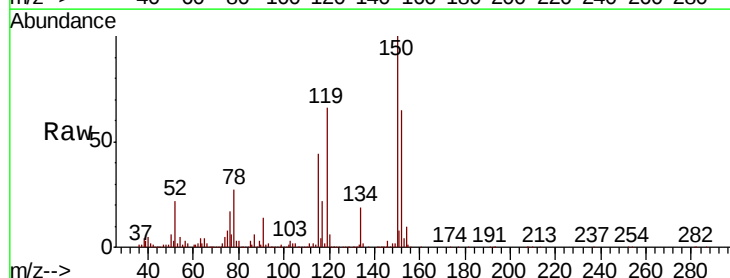
Tgt Ion:152 Resp: 401785

Ion Ratio Lower Upper

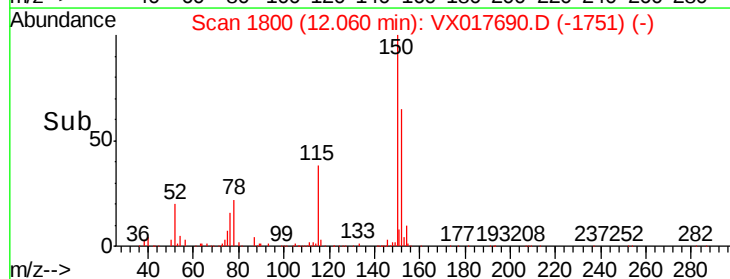
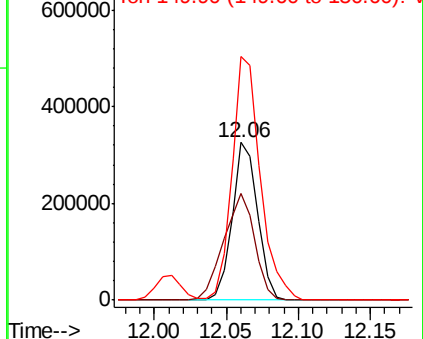
152 100

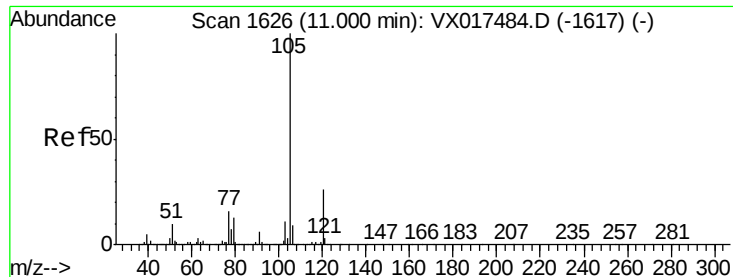
115 82.8 65.5 196.6

150 172.6 0.0 412.6



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: 51.725 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

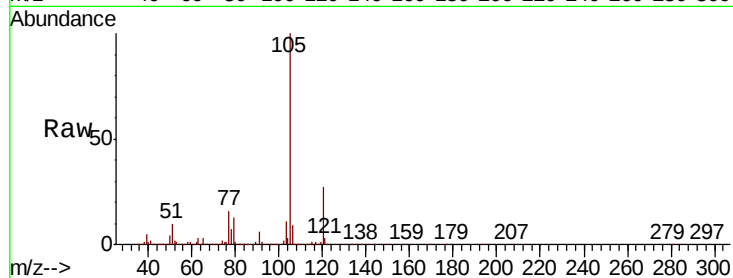
VSTDCCC050

Tot Ion:105 Resp: 1425699

Ion Ratio Lower Upper

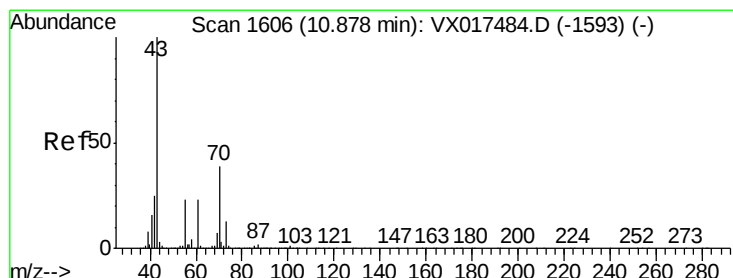
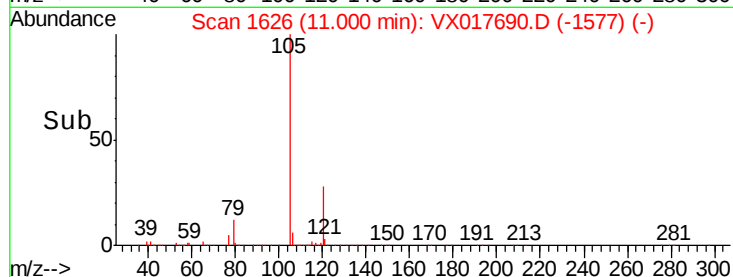
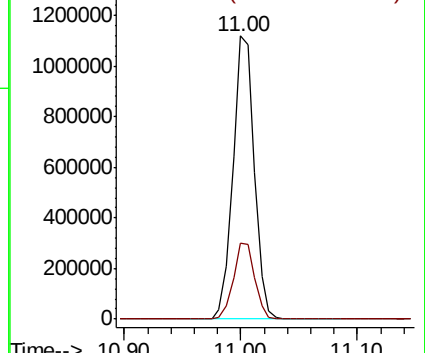
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.450 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion: 43 Resp: 593347

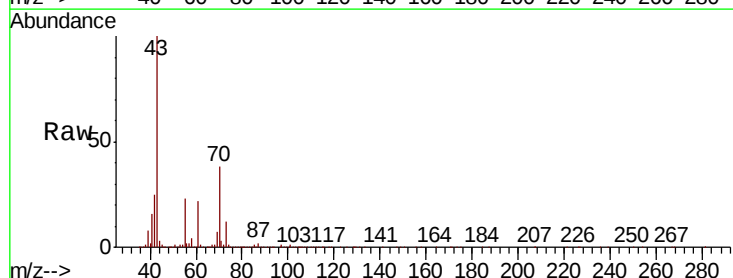
Ion Ratio Lower Upper

43 100

70 40.6 32.3 48.5

55 23.7 18.4 27.6

61 23.5 18.6 28.0

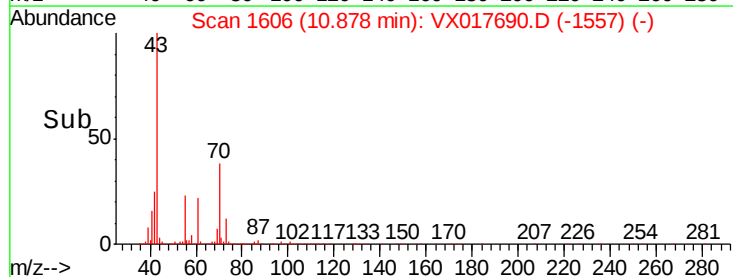
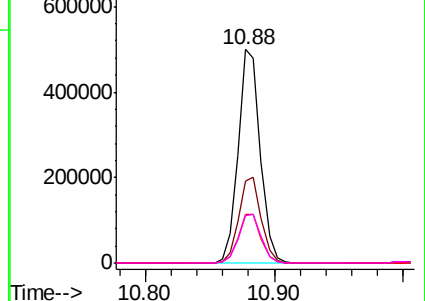


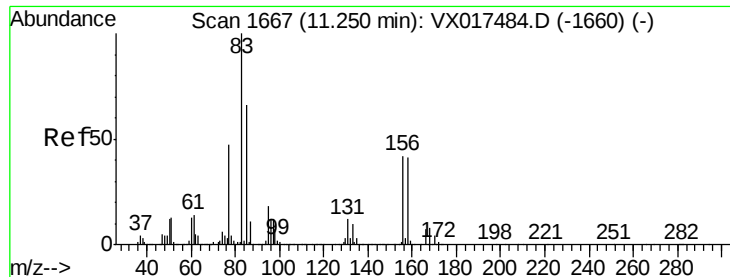
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.947 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

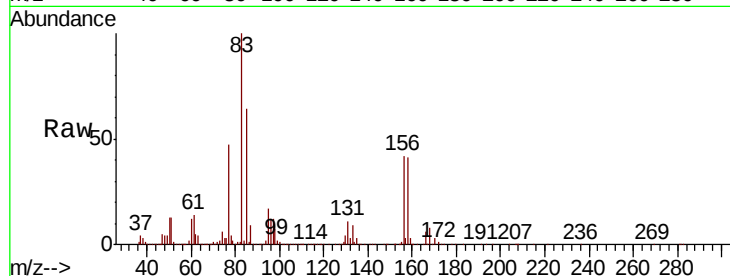
Tot Ion: 83 Resp: 395299

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.5

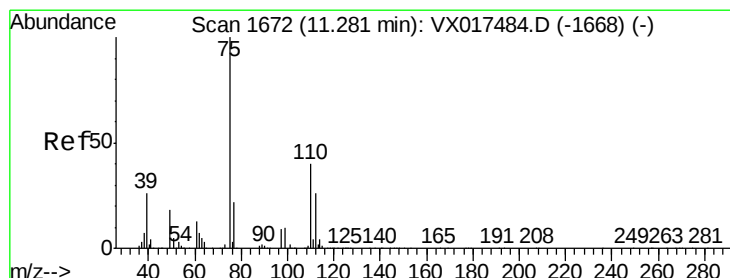
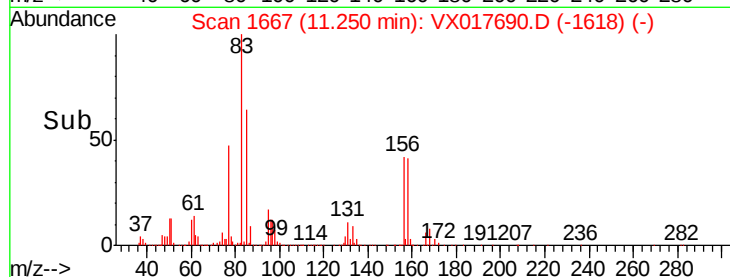
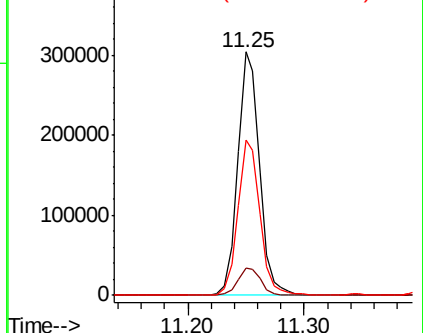
85 64.7 32.1 96.3



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: 61.804 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017690.D

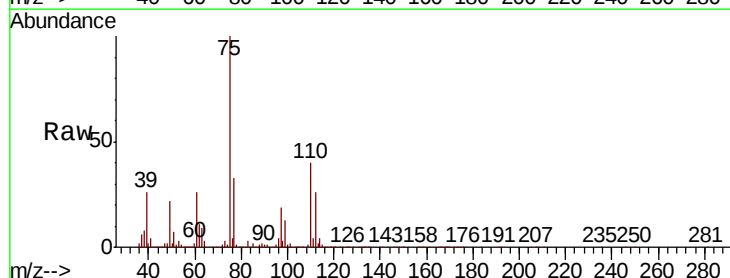
Acq: 31 Jul 2020 10:27

Tgt Ion: 75 Resp: 510803

Ion Ratio Lower Upper

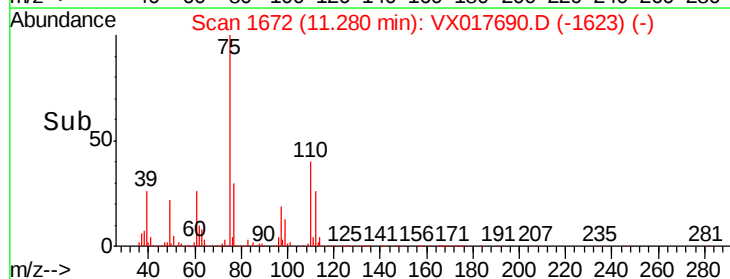
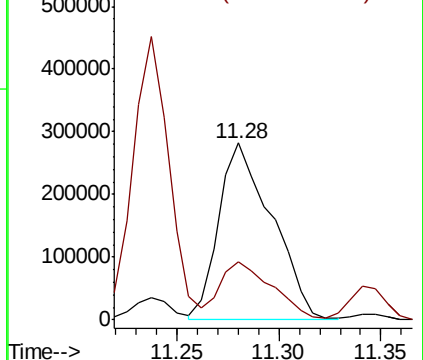
75 100

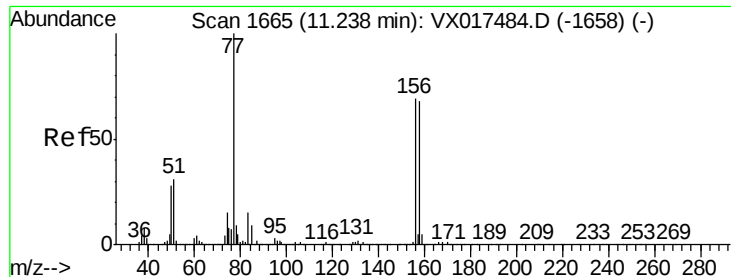
77 32.0 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.237 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

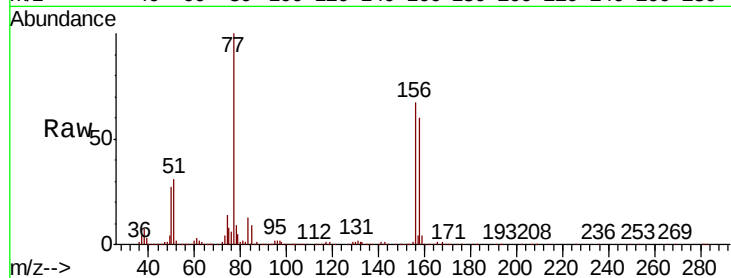
Tot Ion:156 Resp: 379930

Ion Ratio Lower Upper

156 100

77 147.1 75.0 225.0

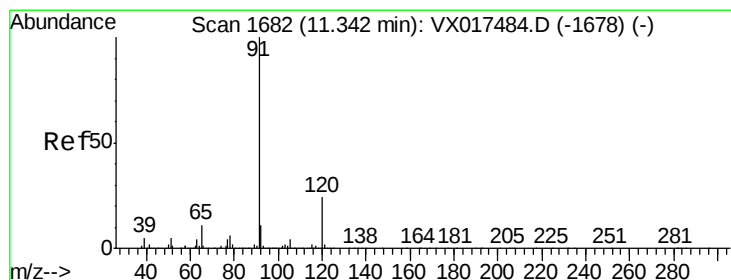
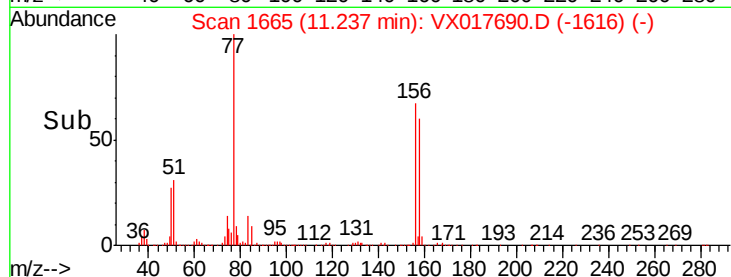
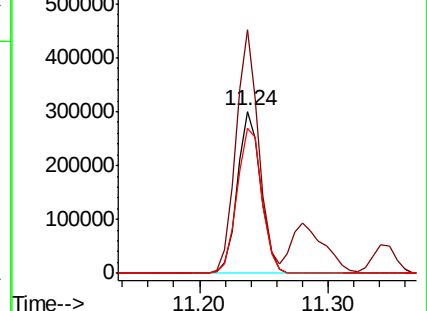
158 95.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.863 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017690.D

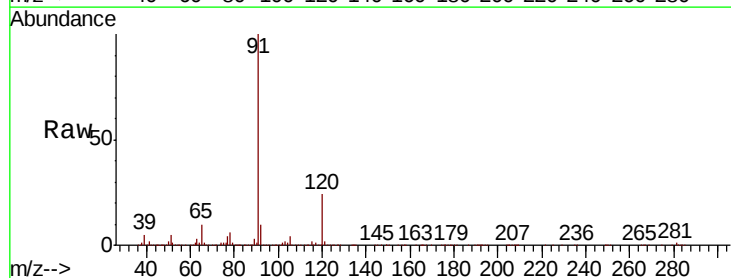
Acq: 31 Jul 2020 10:27

Tgt Ion: 91 Resp: 1581178

Ion Ratio Lower Upper

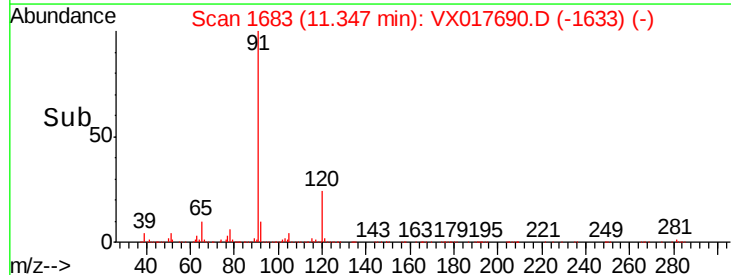
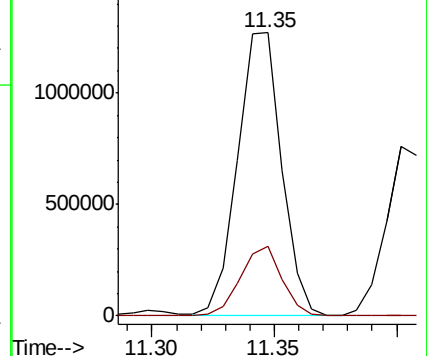
91 100

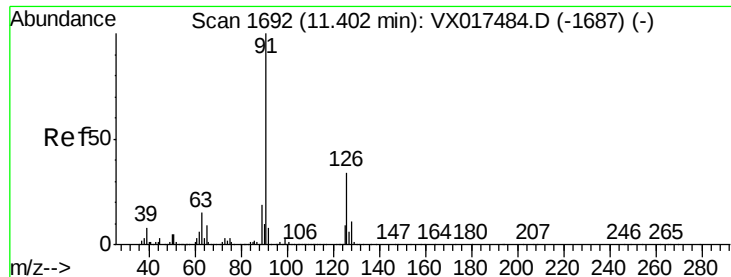
120 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.595 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

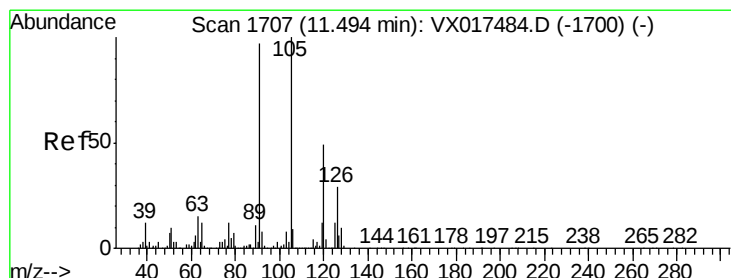
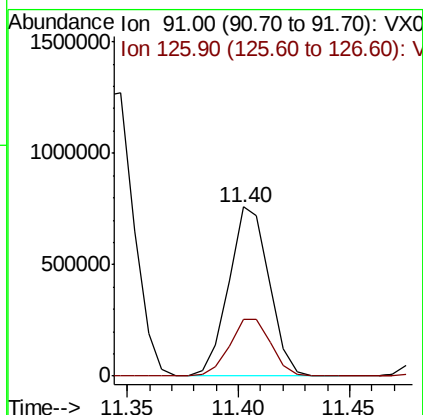
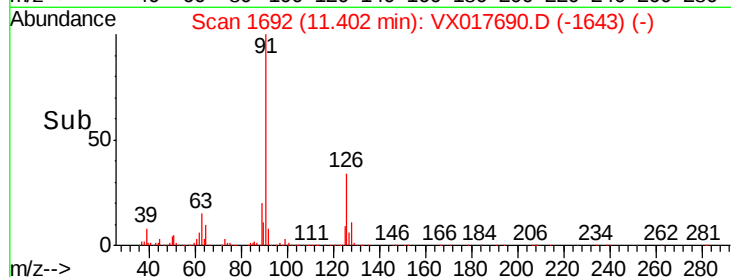
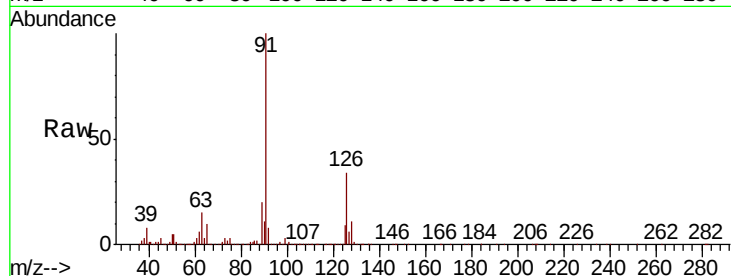
VSTDCCC050

Tot Ion: 91 Resp: 955055

Ion Ratio Lower Upper

91 100

126 34.6 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 51.403 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017690.D

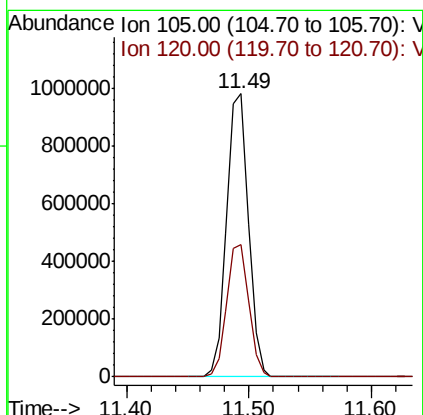
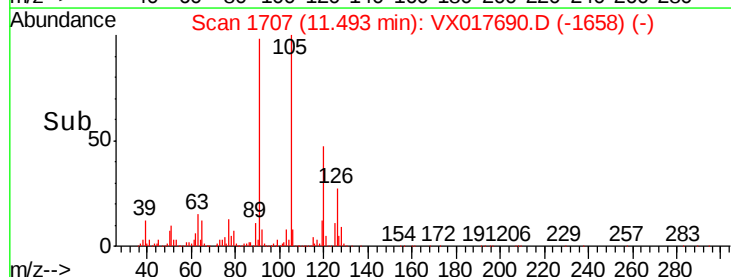
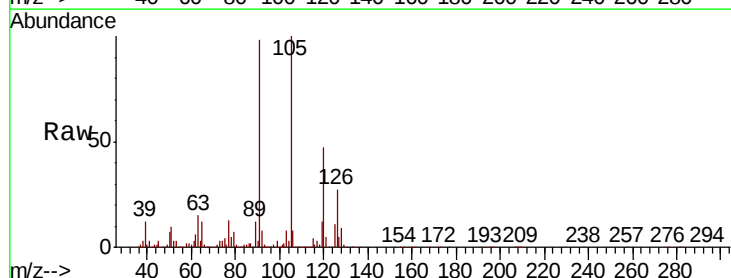
Acq: 31 Jul 2020 10:27

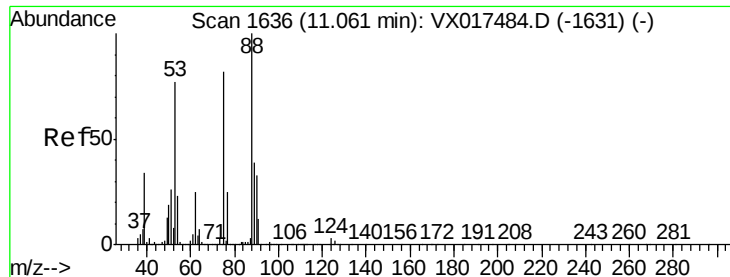
Tgt Ion: 105 Resp: 1209695

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 47.917 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

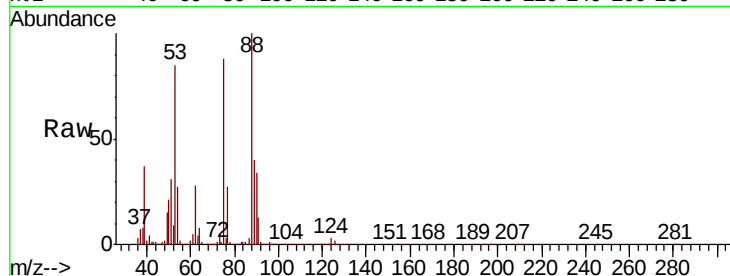
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 157169

Ion	Ratio	Lower	Upper
75	100		
53	97.5	75.9	113.9
89	52.8	37.8	56.6

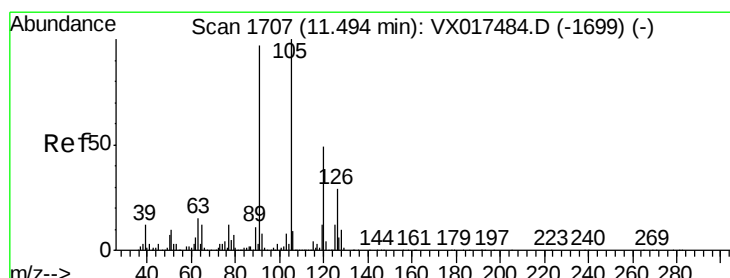
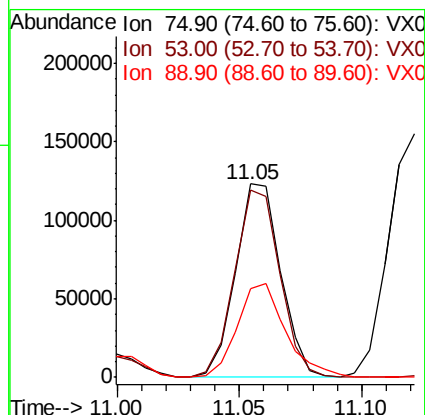
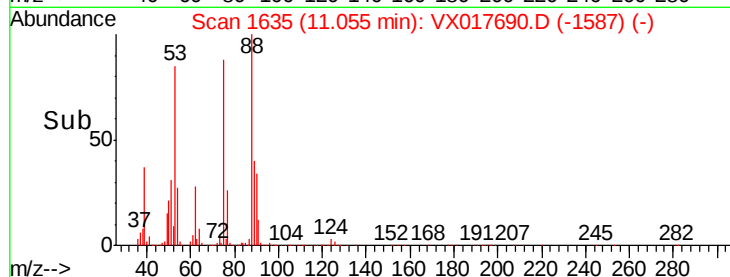


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.459 ug/l

RT: 11.49 min Scan# 1707

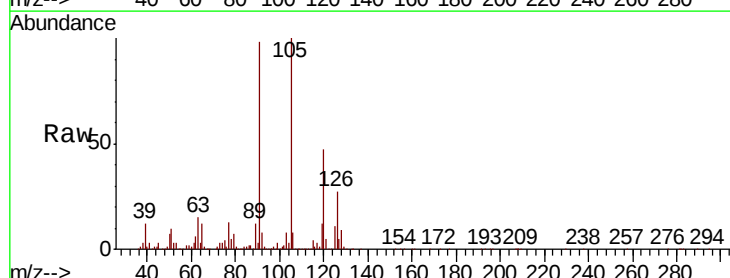
Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Tgt Ion: 91 Resp: 1146224

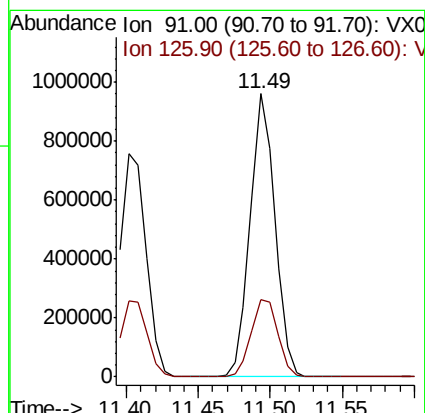
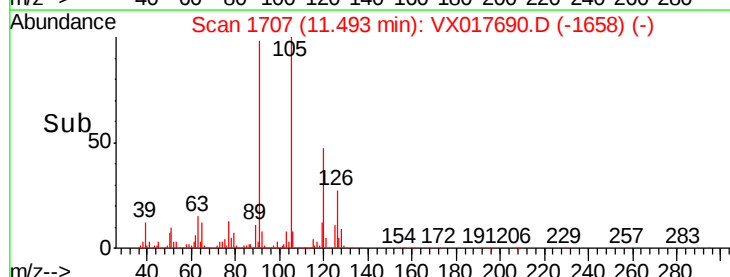
Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.2	45.6

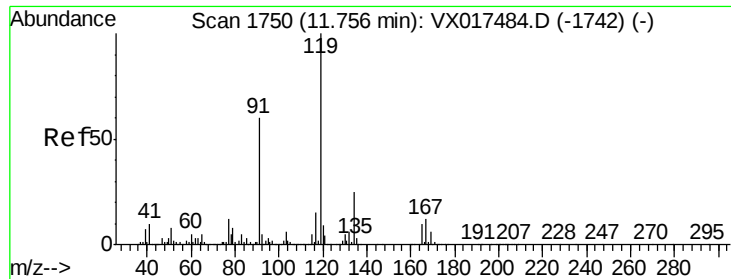


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

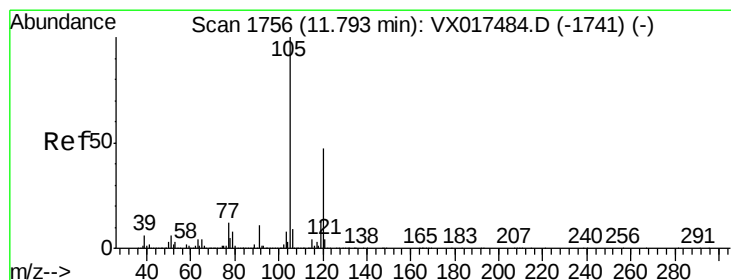
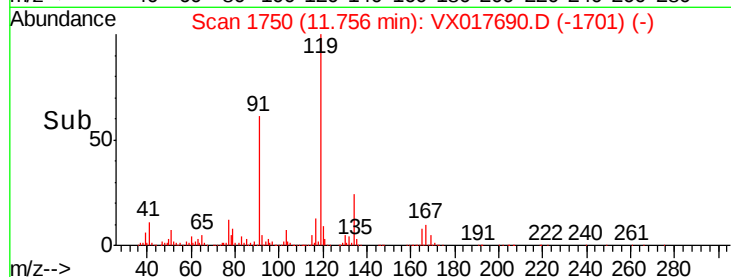
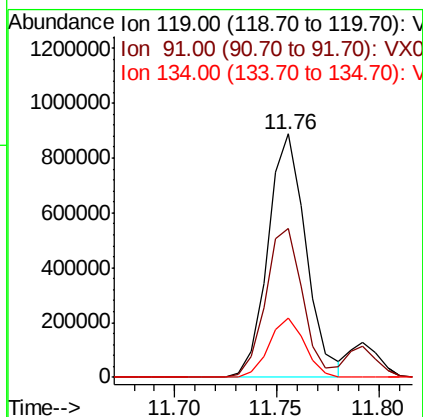
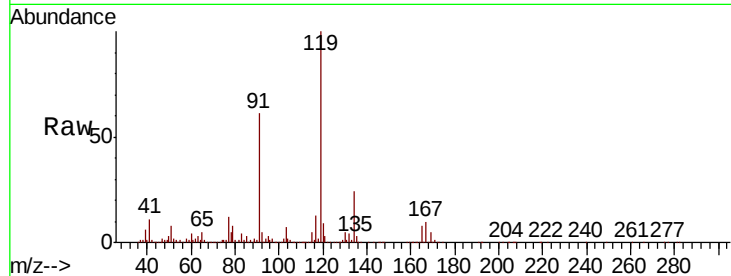




#83
 tert-Butylbenzene
 Concen: 51.129 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

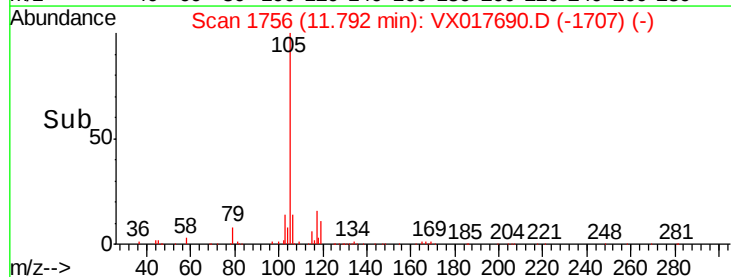
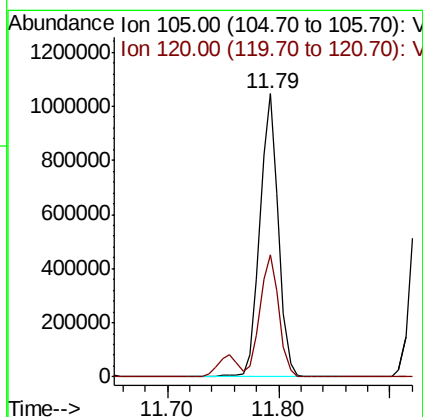
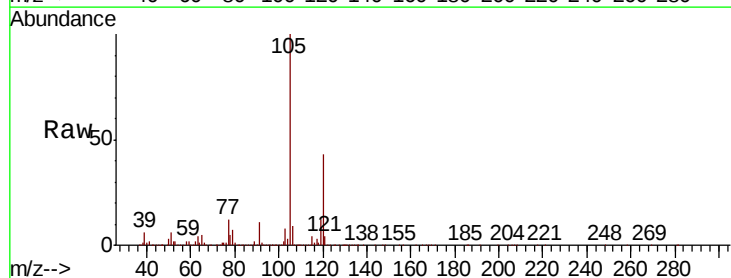
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

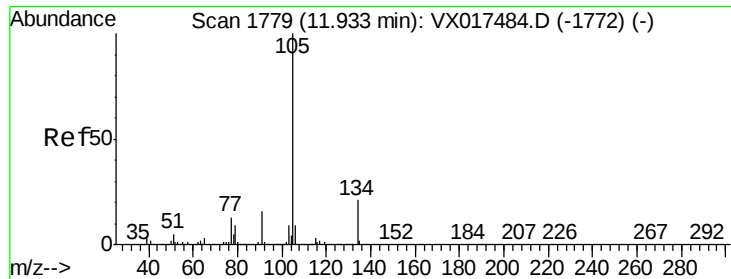
Tot Ion:119 Resp: 1151350
 Ion Ratio Lower Upper
 119 100
 91 59.6 29.3 88.0
 134 23.1 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.829 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion:105 Resp: 1213168
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.0





#85

sec-Butylbenzene

Concen: 51.980 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

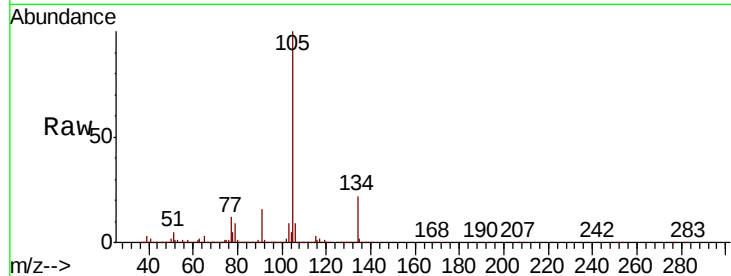
VSTDCCC050

Tot Ion:105 Resp: 1363538

Ion Ratio Lower Upper

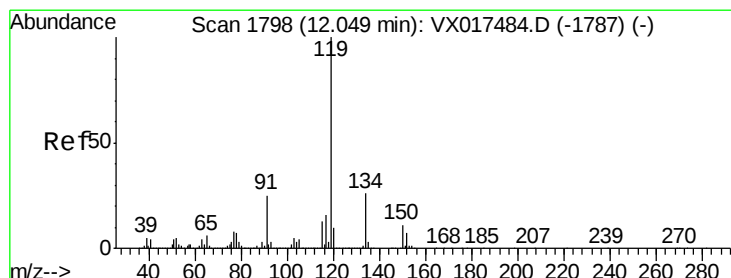
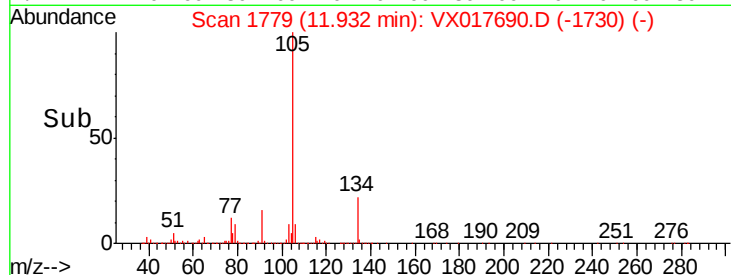
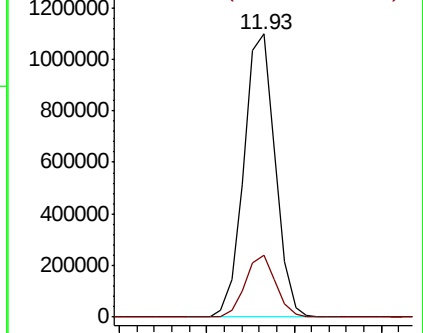
105 100

134 21.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.321 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

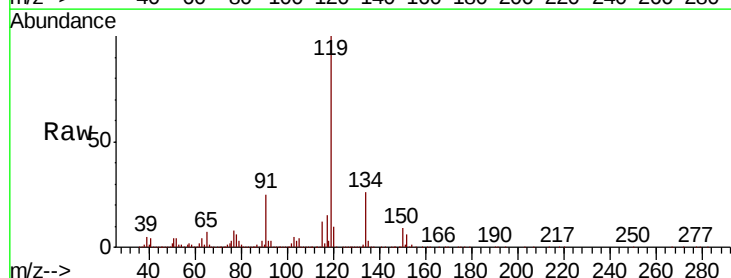
Tgt Ion:119 Resp: 1257062

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

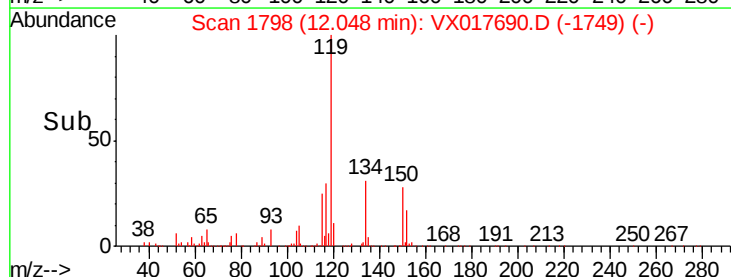
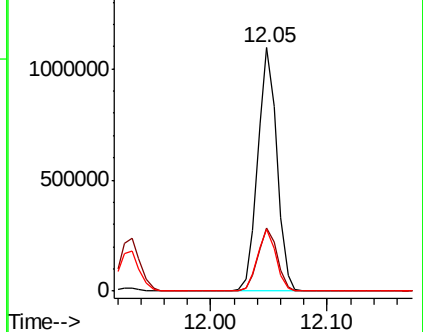
91 24.8 12.1 36.3

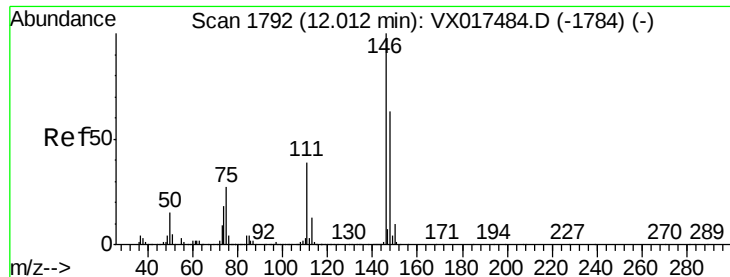


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.156 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

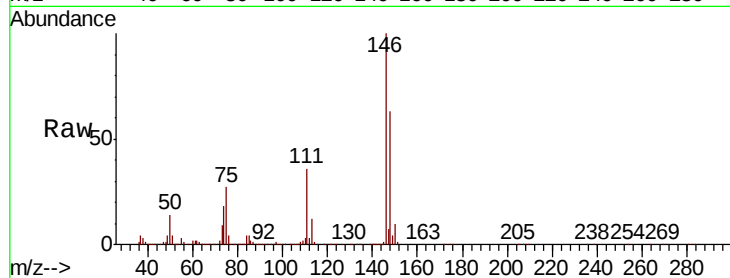
Tot Ion:146 Resp: 664607

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

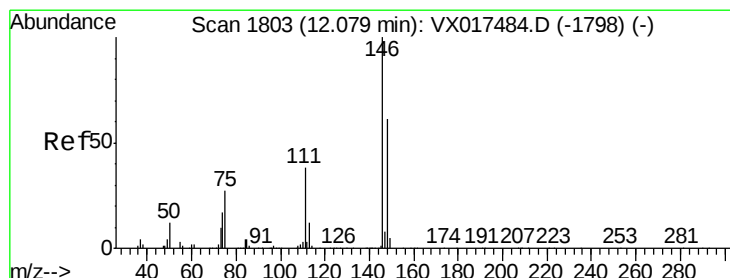
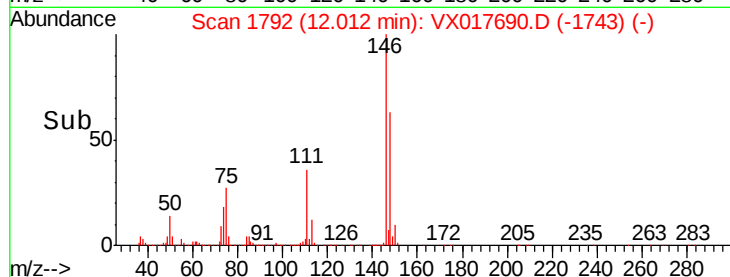
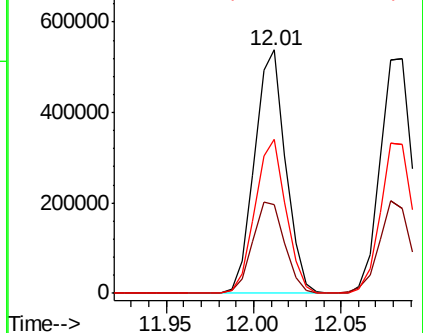
148 63.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.233 ug/l

RT: 12.08 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

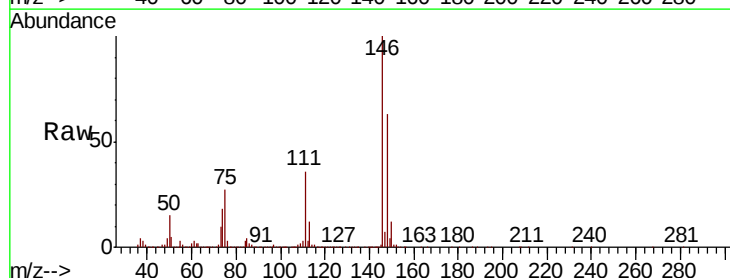
Tgt Ion:146 Resp: 662024

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

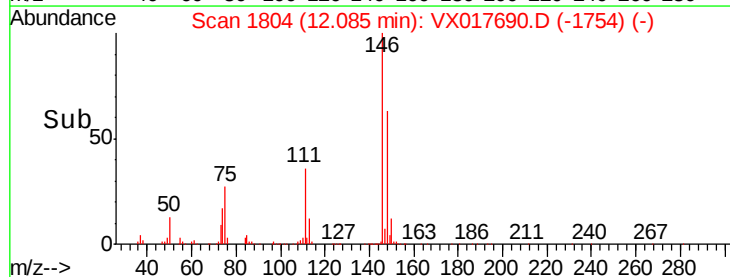
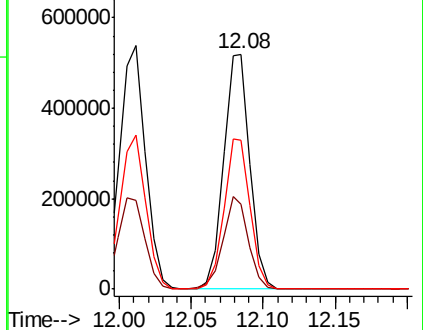
148 64.1 32.2 96.6

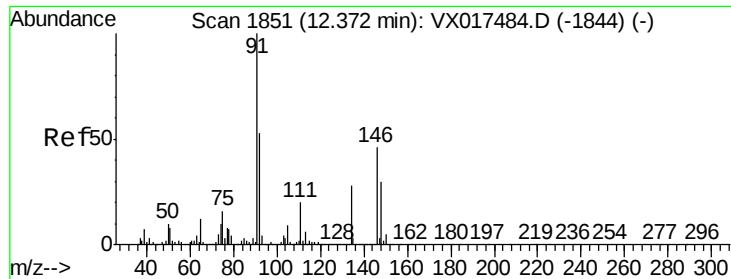


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

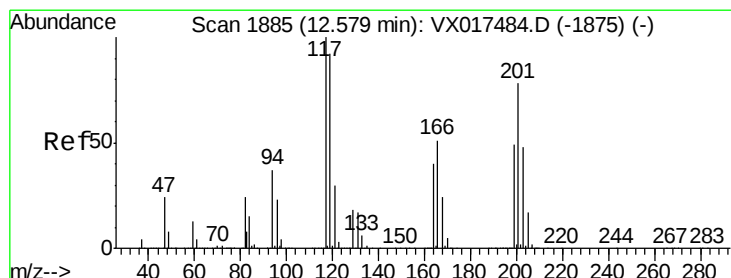
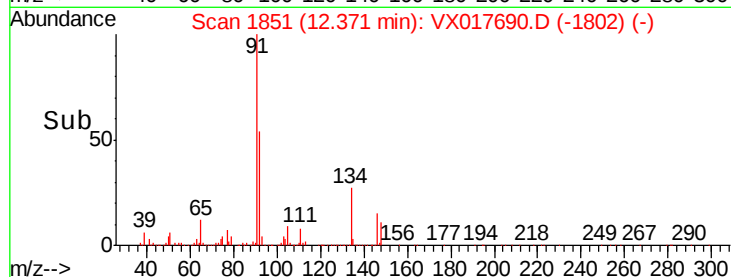
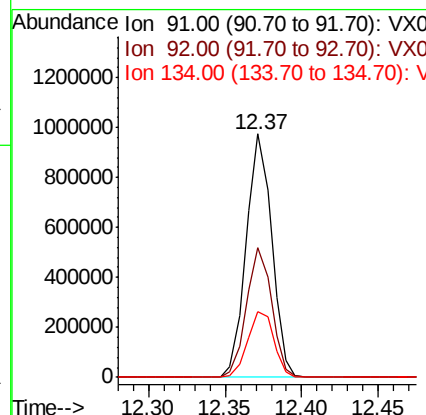
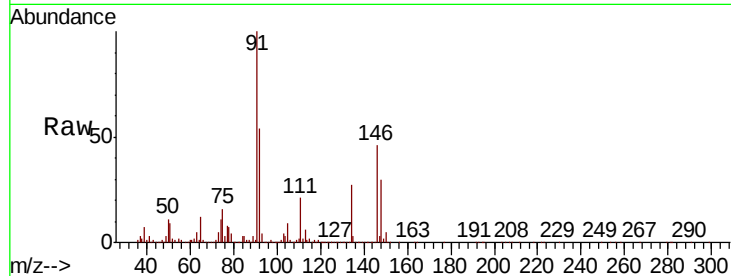




#89
n-Butylbenzene
Concen: 50.671 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

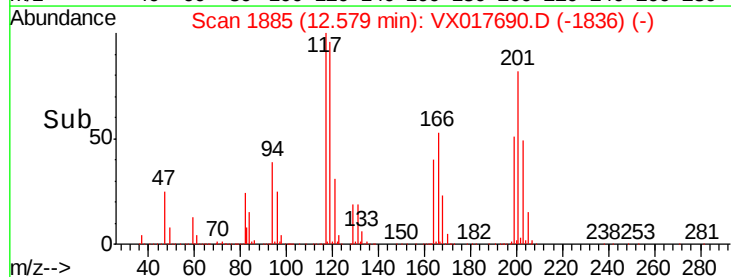
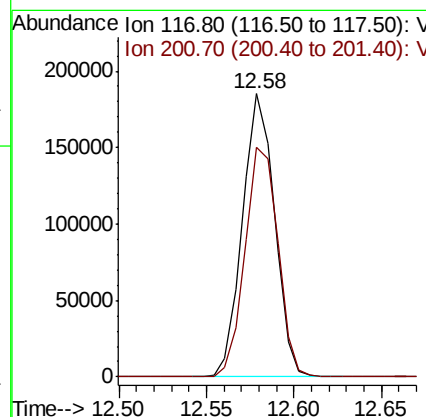
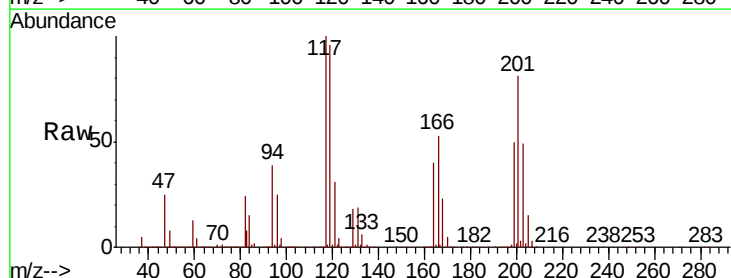
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

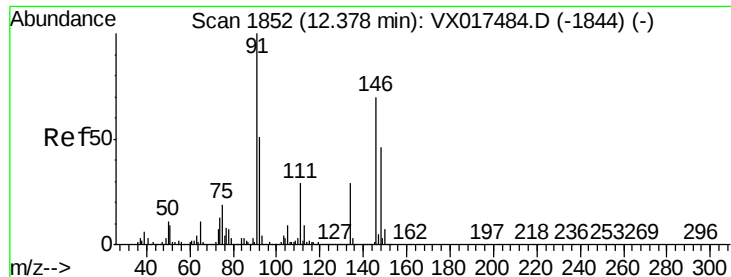
Tot Ion: 91 Resp: 1127924
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 27.8 13.6 40.7



#90
Hexachloroethane
Concen: 48.142 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017690.D
Acq: 31 Jul 2020 10:27

Tgt Ion: 117 Resp: 237102
Ion Ratio Lower Upper
117 100
201 83.8 42.2 126.6

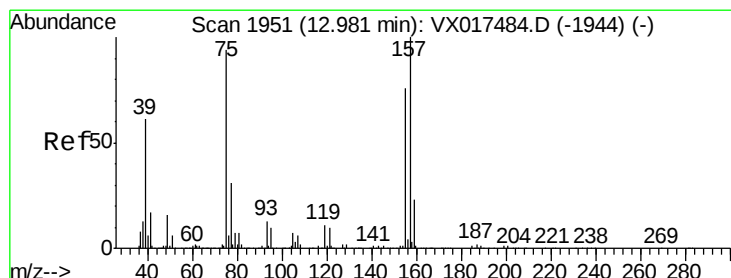
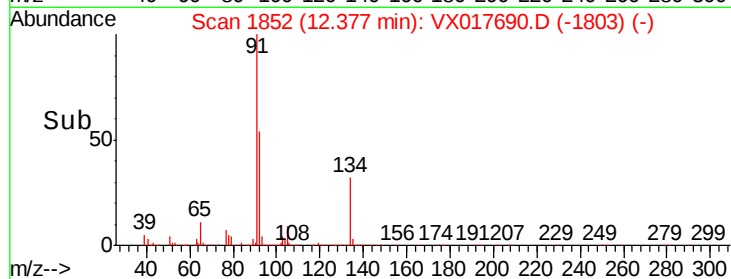
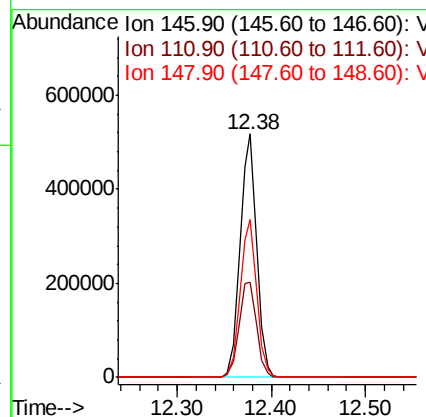
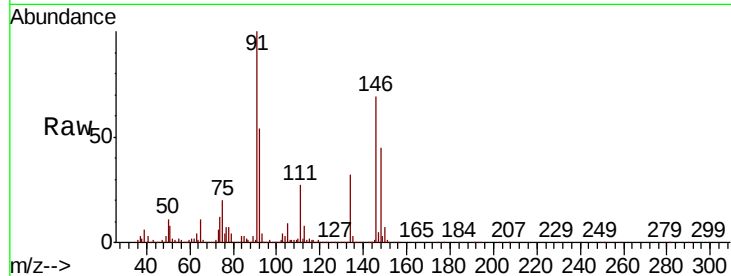




#91
 1,2-Dichlorobenzene
 Concen: 47.952 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

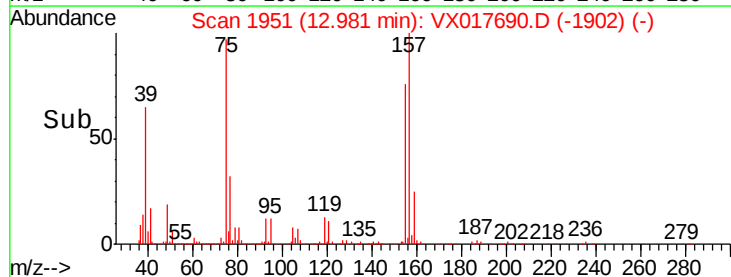
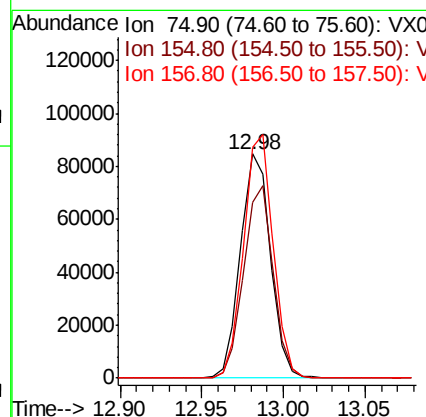
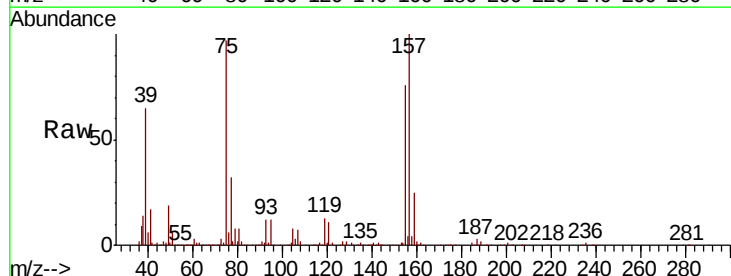
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

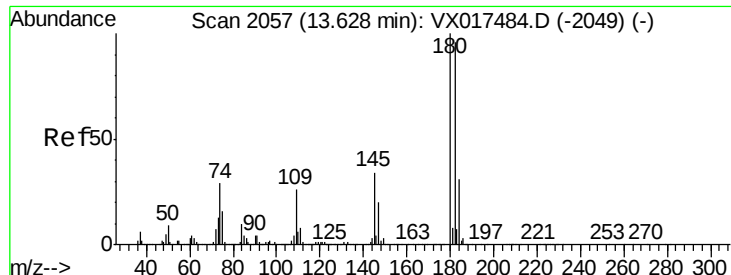
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.9	62.8
148	64.3	32.8	98.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.024 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.3	126.8
157	107.1	54.3	162.9

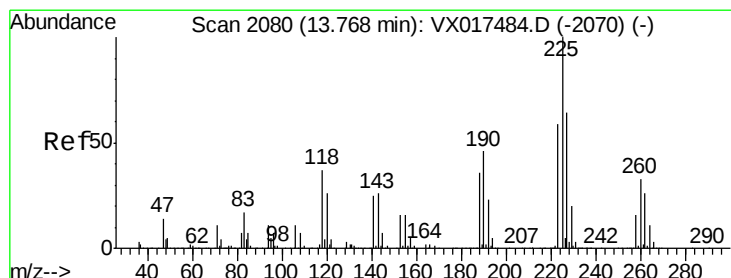
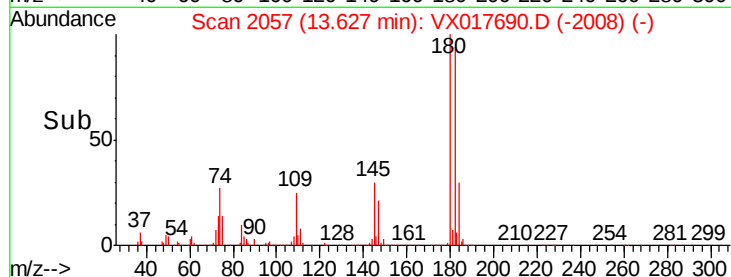
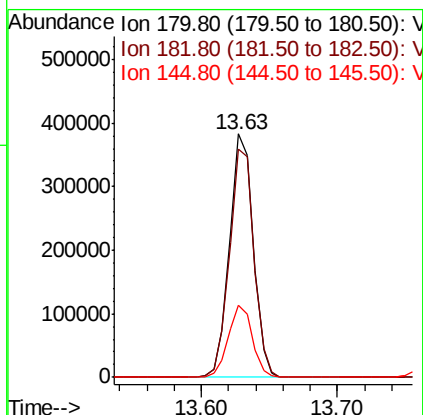
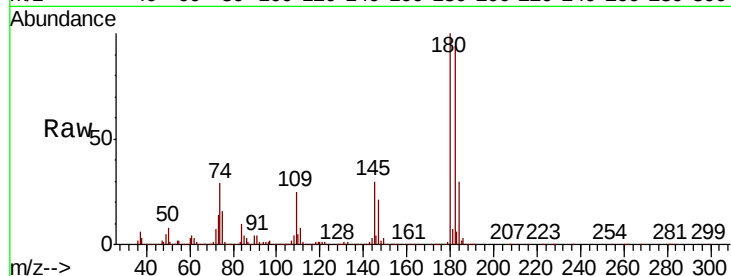




#93
 1,2,4-Trichlorobenzene
 Concen: 52.360 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

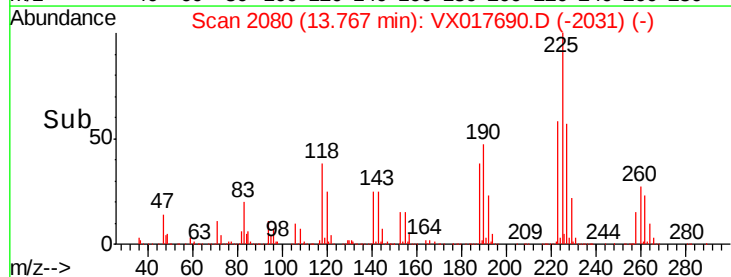
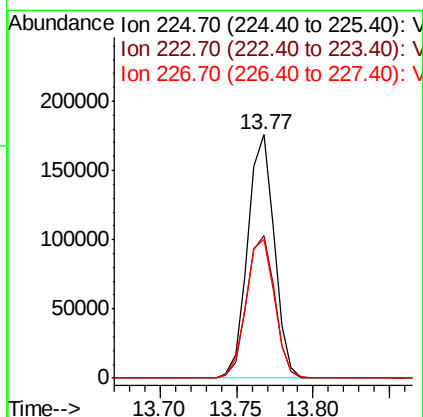
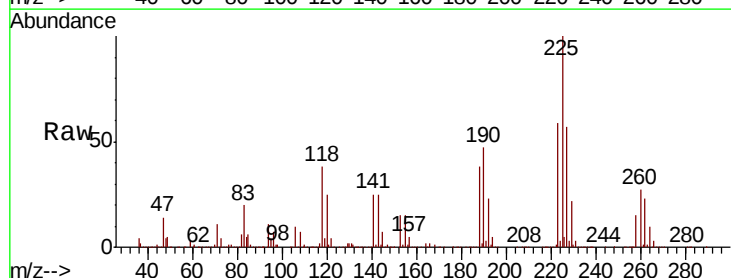
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

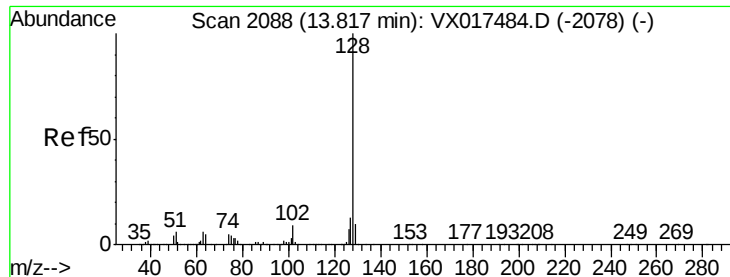
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	30.1	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 51.915 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017690.D
 Acq: 31 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.3	90.9
227	60.9	31.1	93.2





#95

Naphthalene

Concen: 51.263 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

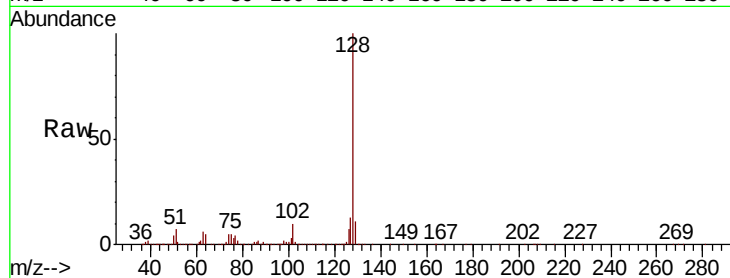
Tot Ion:128 Resp: 1360179

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

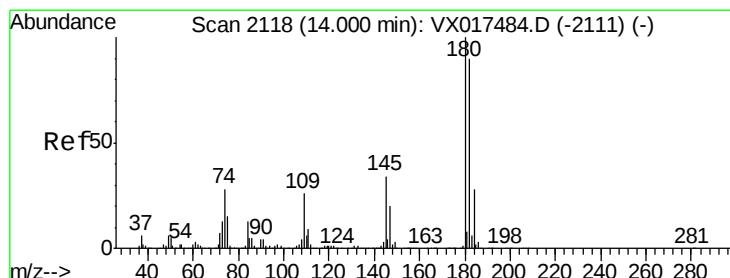
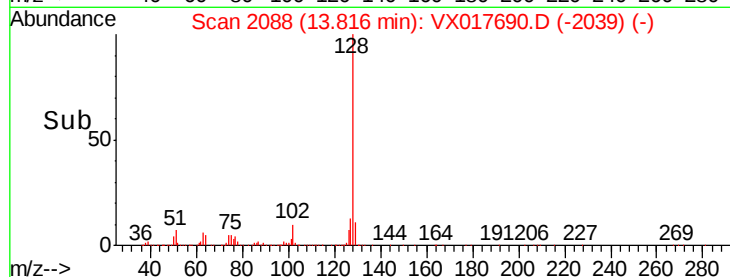
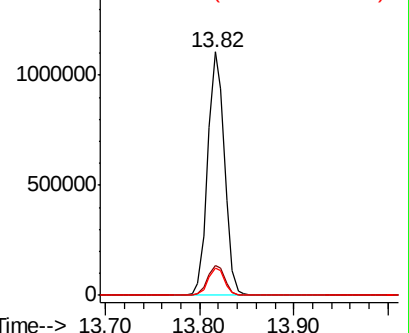
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.082 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017690.D

Acq: 31 Jul 2020 10:27

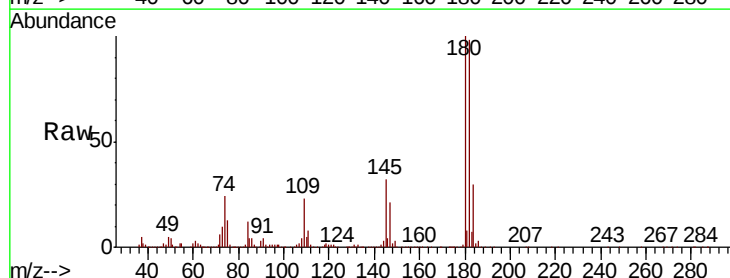
Tgt Ion:180 Resp: 448303

Ion Ratio Lower Upper

180 100

182 97.3 47.4 142.3

145 33.1 16.3 48.9



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

