

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016796.D
 Acq On : 16 Jun 2020 22:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 17 04:01:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	442203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	154441	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	5.46	113	129721	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	8.70	98	503229	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.12	95	192259	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	159637	48.982	ug/l	98
3) Chloromethane	1.31	50	148366	47.111	ug/l	99
4) Vinyl Chloride	1.39	62	174626	51.965	ug/l	98
5) Bromomethane	1.62	94	96864	46.414	ug/l	95
6) Chloroethane	1.70	64	115950	56.015	ug/l	99
7) Trichlorofluoromethane	1.91	101	253295	52.335	ug/l	100
8) Diethyl Ether	2.17	74	94910	48.021	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127032	51.590	ug/l	99
10) Methyl Iodide	2.49	142	133521	43.384	ug/l	97
11) Tert butyl alcohol	3.01	59	199473	244.686	ug/l	99
12) 1,1-Dichloroethene	2.36	96	135039	47.891	ug/l	94
13) Acrolein	2.27	56	94794	272.880	ug/l	97
14) Allyl chloride	2.71	41	217946	49.420	ug/l	96
15) Acrylonitrile	3.11	53	415080	250.922	ug/l	99
16) Acetone	2.42	43	341706	232.142	ug/l	97
17) Carbon Disulfide	2.55	76	383715	47.515	ug/l	100
18) Methyl Acetate	2.75	43	204222	51.979	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	467233	48.617	ug/l	98
20) Methylene Chloride	2.83	84	150349	47.420	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	147878	48.803	ug/l	99
22) Diisopropyl ether	3.82	45	420158	50.721	ug/l	98
23) Vinyl Acetate	3.78	43	1805027	252.105	ug/l	100
24) 1,1-Dichloroethane	3.67	63	251518	48.546	ug/l	98
25) 2-Butanone	4.64	43	564133	254.296	ug/l	98
26) 2,2-Dichloropropane	4.55	77	191976	40.017	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	166606	48.106	ug/l	98
28) Bromochloromethane	4.98	49	106657	48.258	ug/l	98
29) Tetrahydrofuran	5.09	42	363581	252.994	ug/l	98
30) Chloroform	5.18	83	261754	47.754	ug/l	97
31) Cyclohexane	5.55	56	217488	52.101	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	243709	48.999	ug/l	100
36) 1,1-Dichloropropene	5.77	75	196088	50.178	ug/l	100
37) Ethyl Acetate	4.79	43	212935	49.756	ug/l	99
38) Carbon Tetrachloride	5.75	117	222104	50.045	ug/l	99

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 QLast Update : Tue Jun 16 02:02:35 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225582	49.784	ug/l	96
40) Benzene	6.11	78	591271	49.694	ug/l	99
41) Methacrylonitrile	5.00	41	115819	50.756	ug/l	98
42) 1,2-Dichloroethane	6.17	62	202764	46.692	ug/l	99
43) Isopropyl Acetate	6.42	43	340413	50.753	ug/l	99
44) Trichloroethene	7.19	130	193074	52.460	ug/l	99
45) 1,2-Dichloropropane	7.49	63	147948	50.725	ug/l	98
46) Dibromomethane	7.64	93	102875	48.393	ug/l	98
47) Bromodichloromethane	7.88	83	214174	48.326	ug/l	99
48) Methyl methacrylate	7.74	41	166110	52.252	ug/l	97
49) 1,4-Dioxane	7.71	88	81835	1040.215	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1073616	259.761	ug/l	100
52) Toluene	8.76	92	385658	49.901	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	240454	48.036	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	253922	48.631	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	155264	49.955	ug/l	96
56) Ethyl methacrylate	9.16	69	246463	52.963	ug/l	99
57) 1,3-Dichloropropane	9.35	76	258135	49.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	618760	270.428	ug/l	100
59) 2-Hexanone	9.48	43	829894	260.106	ug/l	99
60) Dibromochloromethane	9.57	129	185079	50.385	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169467	50.030	ug/l	99
64) Tetrachloroethene	9.32	164	206369	52.262	ug/l	97
65) Chlorobenzene	10.12	112	419115	50.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	165627	49.758	ug/l	98
67) Ethyl Benzene	10.24	91	731600	51.866	ug/l	99
68) m/p-Xylenes	10.34	106	552902	103.380	ug/l	99
69) o-Xylene	10.68	106	268476	52.107	ug/l	100
70) Styrene	10.70	104	472202	53.014	ug/l	99
71) Bromoform	10.84	173	149222	52.542	ug/l	98
73) Isopropylbenzene	11.00	105	716062	51.710	ug/l	100
74) N-amyl acetate	10.88	43	291673	54.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197490	48.482	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	283483	63.875	ug/l	86
77) Bromobenzene	11.24	156	194352	49.707	ug/l	99
78) n-propylbenzene	11.34	91	789469	52.497	ug/l	100
79) 2-Chlorotoluene	11.40	91	479782	50.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	610496	52.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	83700	47.478	ug/l	95
82) 4-Chlorotoluene	11.49	91	568403	51.065	ug/l	99
83) tert-Butylbenzene	11.76	119	548226	51.613	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	611674	52.089	ug/l	99
85) sec-Butylbenzene	11.93	105	656287	52.822	ug/l	100
86) p-Isopropyltoluene	12.05	119	641829	53.839	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338307	51.180	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	330979	48.283	ug/l	99
89) n-Butylbenzene	12.37	91	519785	52.818	ug/l	98
90) Hexachloroethane	12.58	117	113711	51.726	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	326054	49.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57189	50.204	ug/l	96

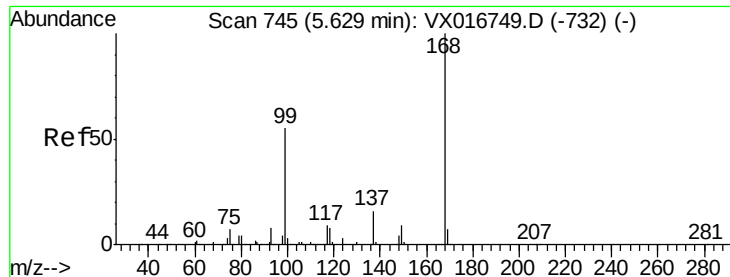
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	236085	50.999	ug/l	98
94) Hexachlorobutadiene	13.76	225	101047	49.608	ug/l	97
95) Naphthalene	13.82	128	771728	53.214	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	231171	50.736	ug/l	97

(#) = 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. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

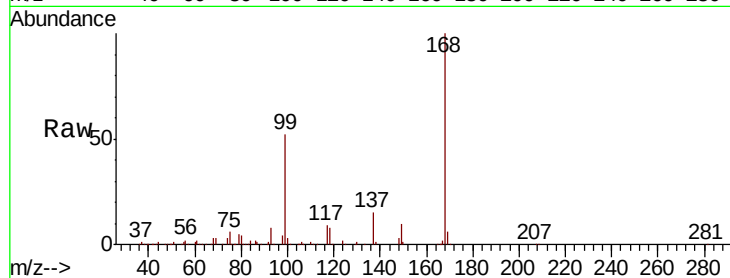
VSTDCCC050

Tot Ion:168 Resp: 288498

Ion Ratio Lower Upper

168 100

99 51.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

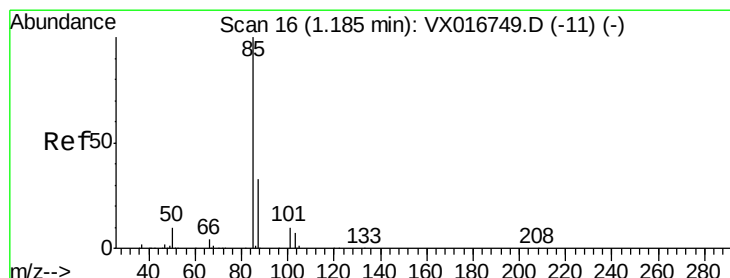
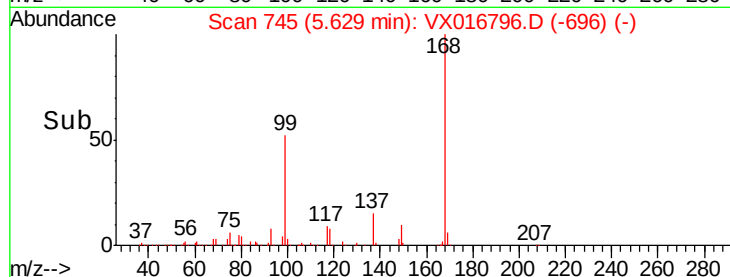
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.982 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016796.D

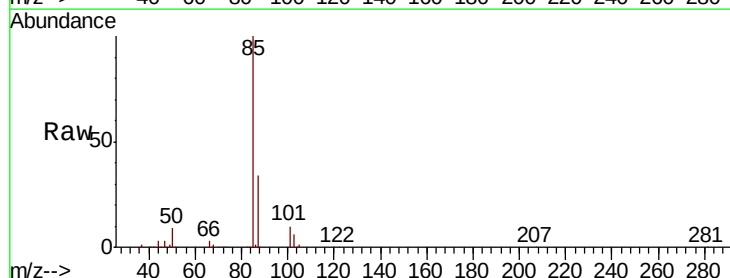
Acq: 16 Jun 2020 22:40

Tgt Ion: 85 Resp: 159637

Ion Ratio Lower Upper

85 100

87 34.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

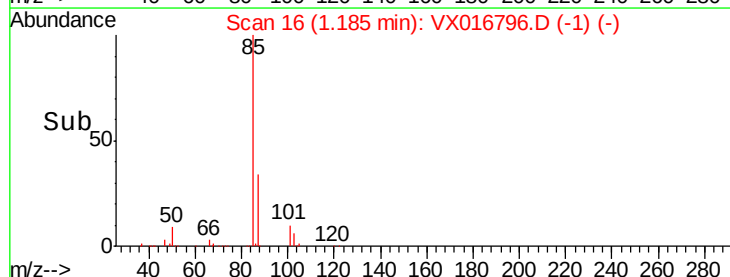
150000

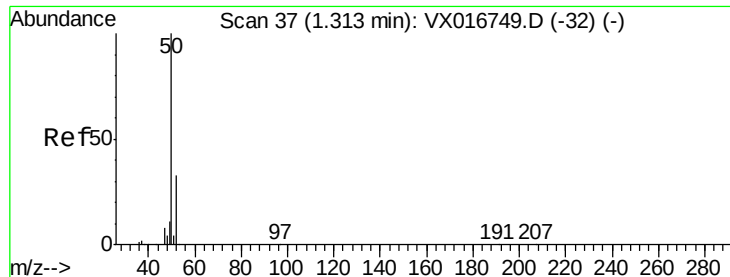
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.111 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

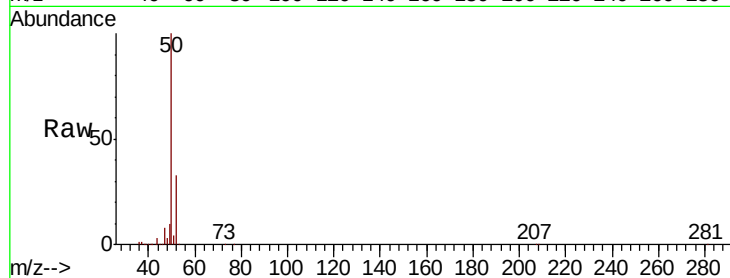
VSTDCCC050

Tot Ion: 50 Resp: 148366

Ion Ratio Lower Upper

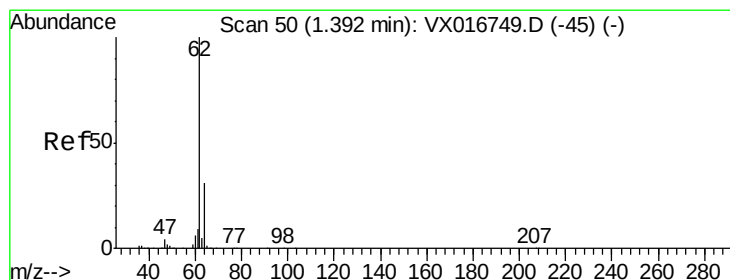
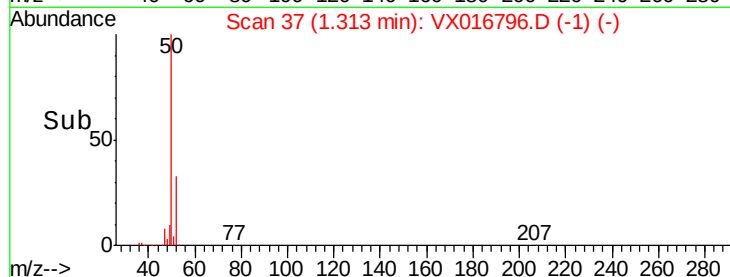
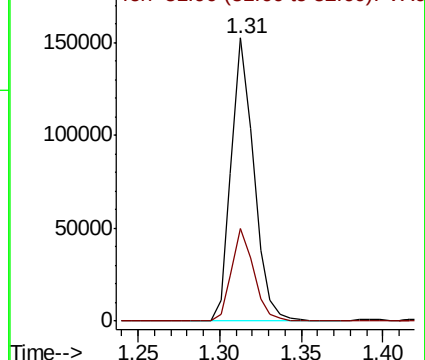
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.965 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016796.D

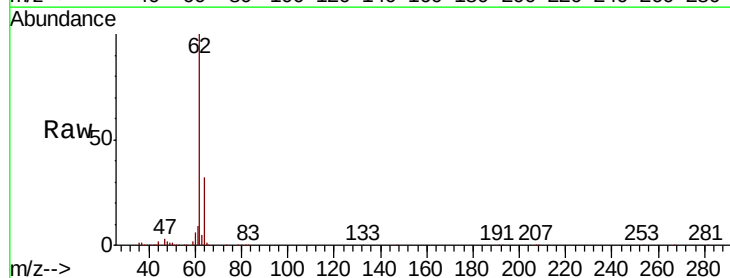
Acq: 16 Jun 2020 22:40

Tgt Ion: 62 Resp: 174626

Ion Ratio Lower Upper

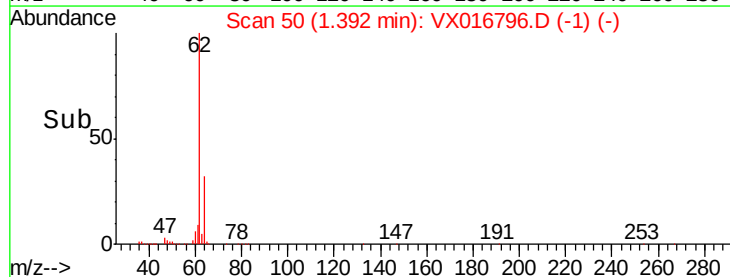
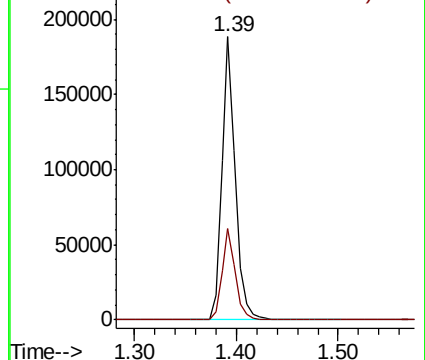
62 100

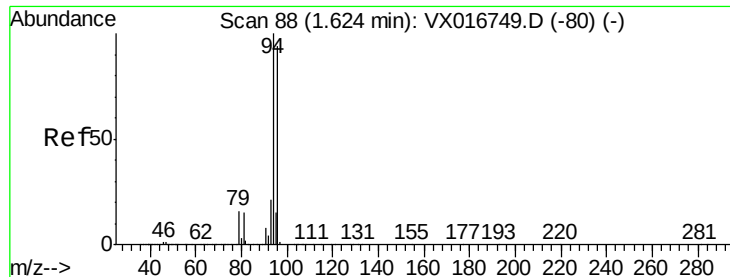
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.414 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

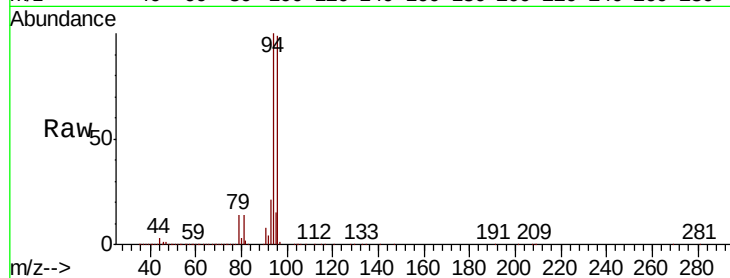
VSTDCCC050

Tot Ion: 94 Resp: 96864

Ion Ratio Lower Upper

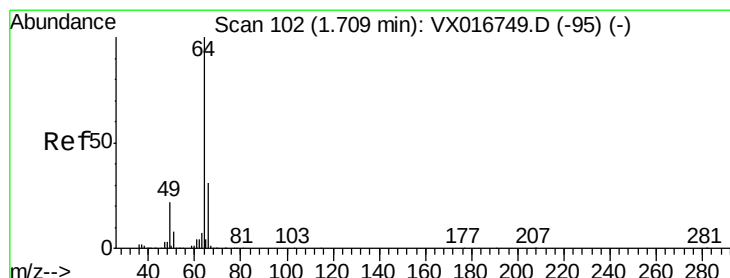
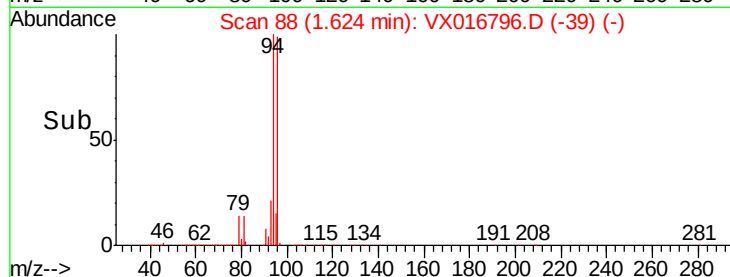
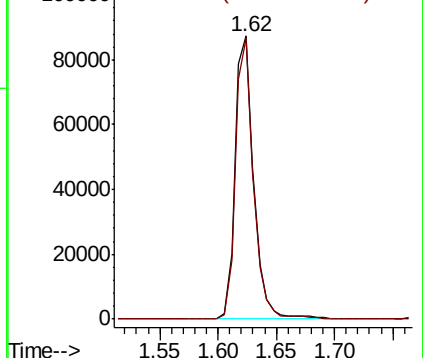
94 100

96 99.2 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.015 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016796.D

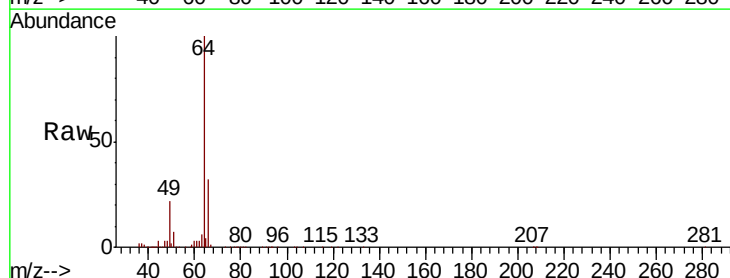
Acq: 16 Jun 2020 22:40

Tgt Ion: 64 Resp: 115950

Ion Ratio Lower Upper

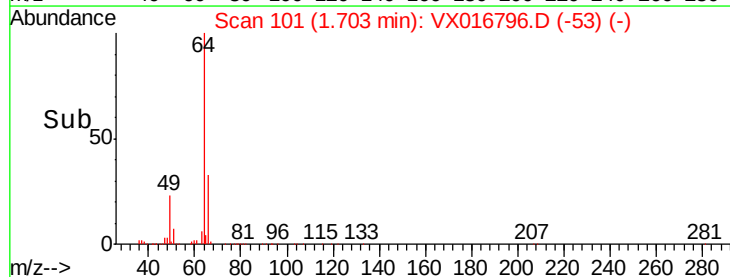
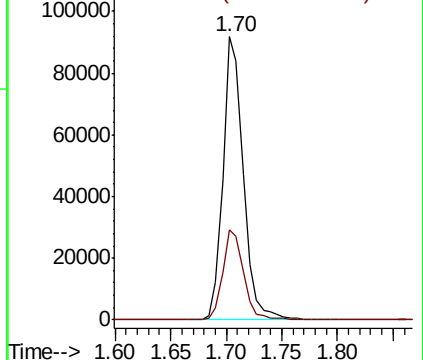
64 100

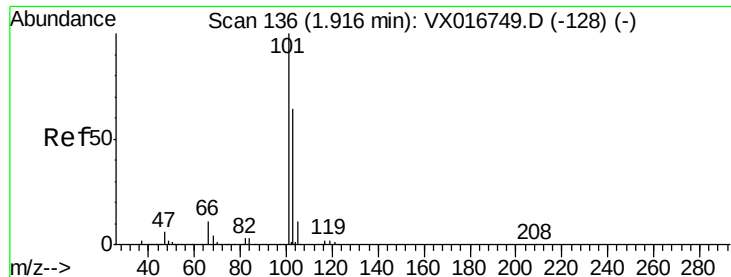
66 31.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



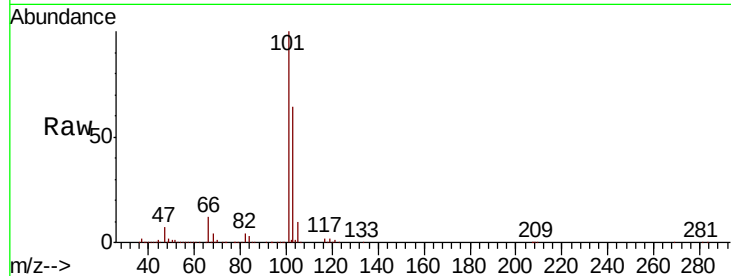


#7

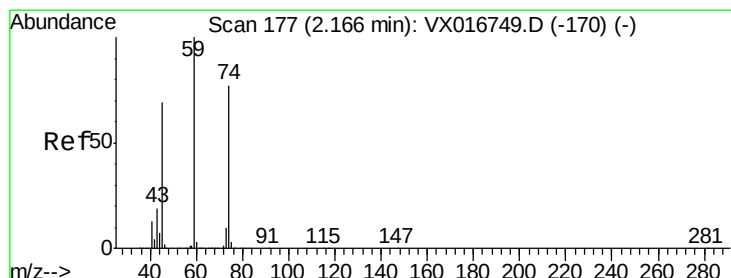
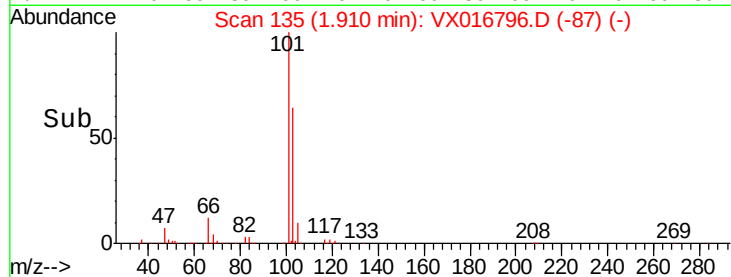
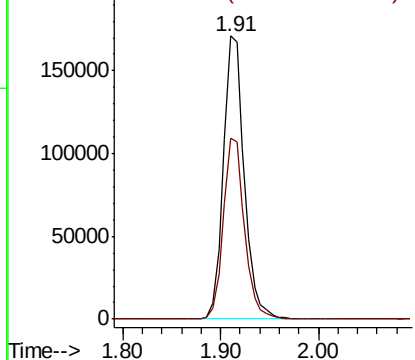
Trichlorofluoromethane
Concen: 52.335 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 253295
Ion Ratio Lower Upper
101 100
103 63.8 51.3 76.9



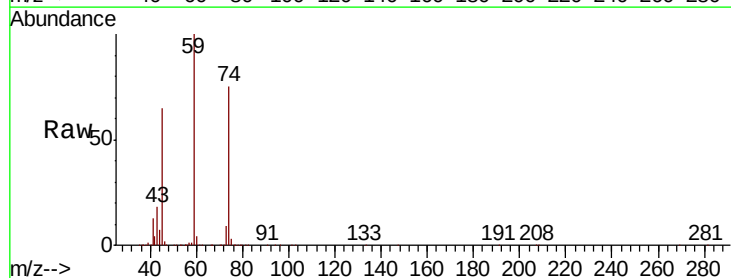
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



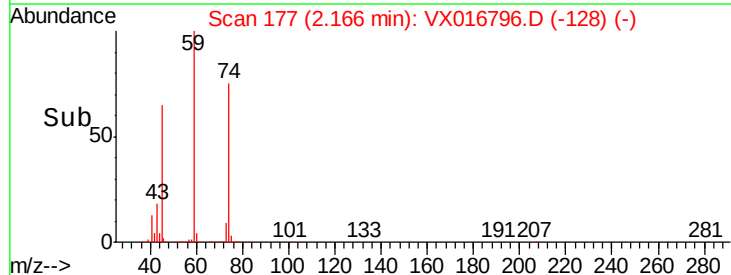
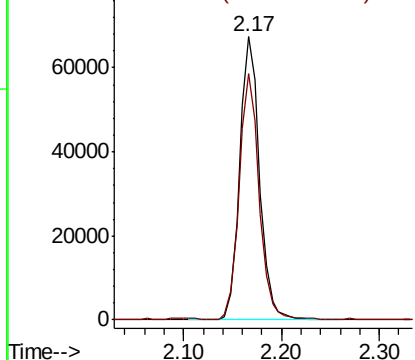
#8

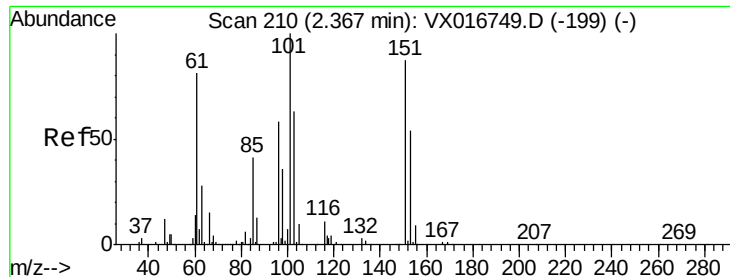
Diethyl Ether
Concen: 48.021 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 74 Resp: 94910
Ion Ratio Lower Upper
74 100
45 86.3 43.5 130.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.590 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

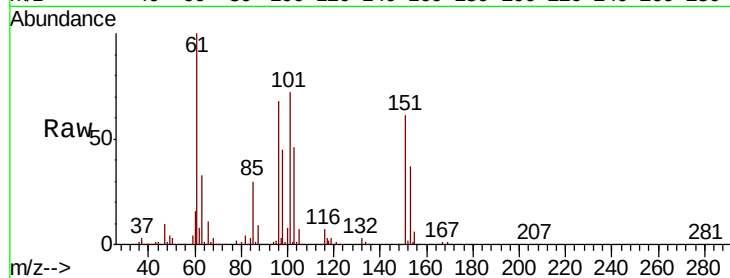
Tot Ion:101 Resp: 127032

Ion Ratio Lower Upper

101 100

85 41.7 34.0 51.0

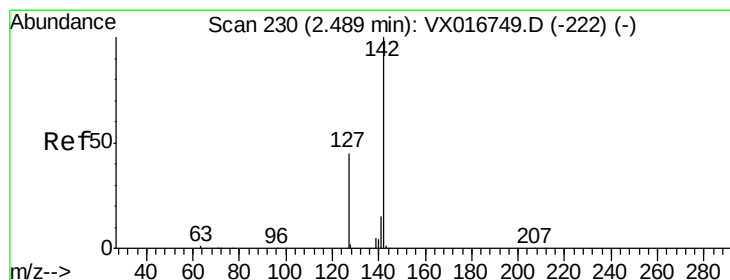
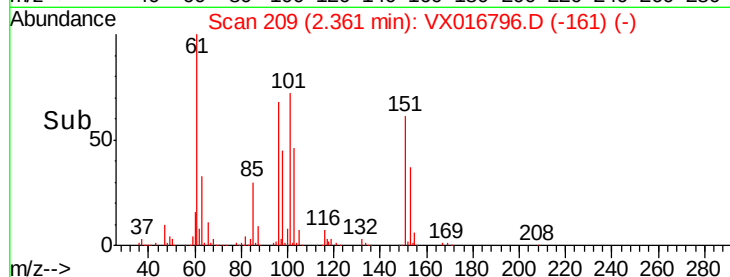
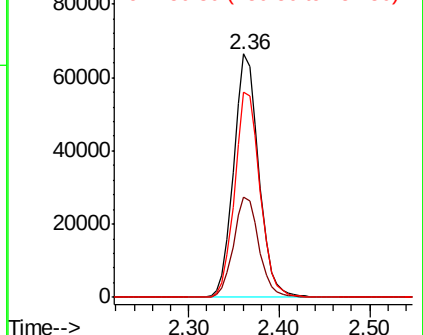
151 85.6 68.7 103.1



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: 43.384 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

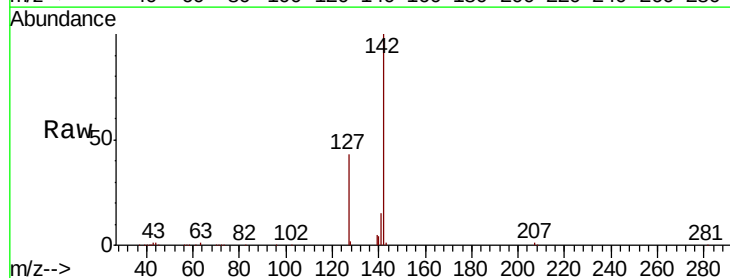
Tgt Ion:142 Resp: 133521

Ion Ratio Lower Upper

142 100

127 42.0 35.4 53.2

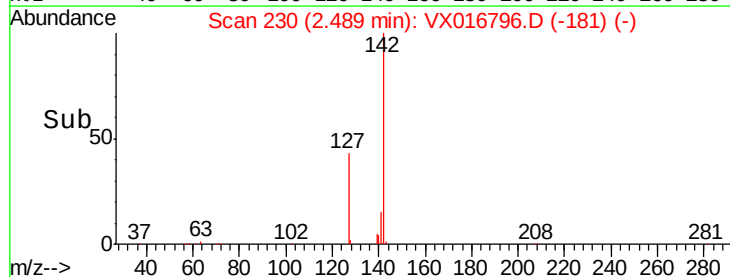
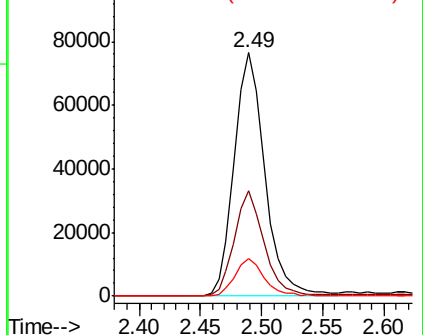
141 14.6 11.7 17.5

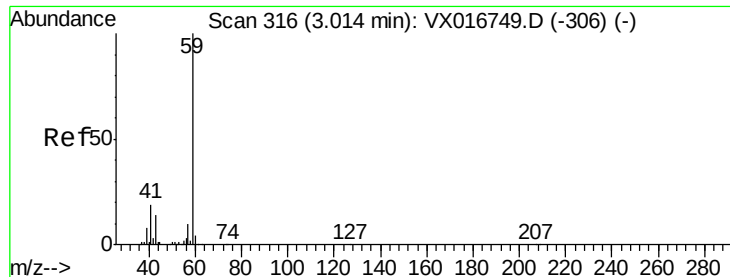


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

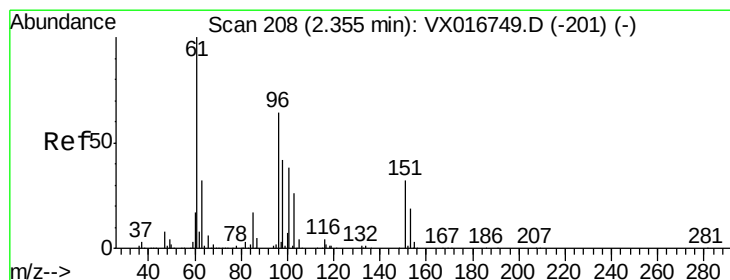
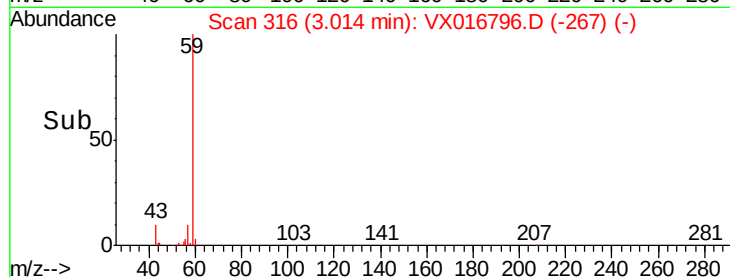
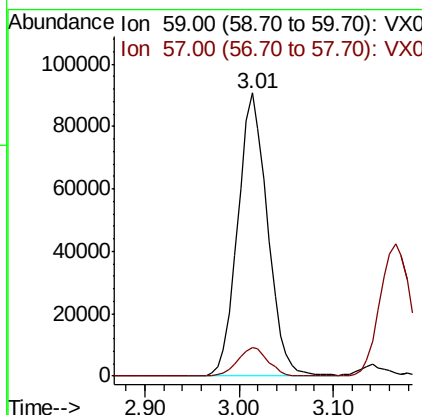
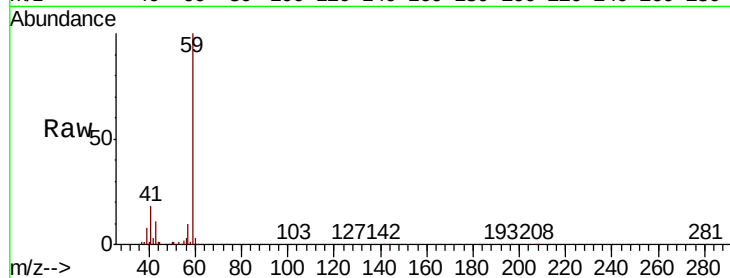




#11
Tert butyl alcohol
Concen: 244.686 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

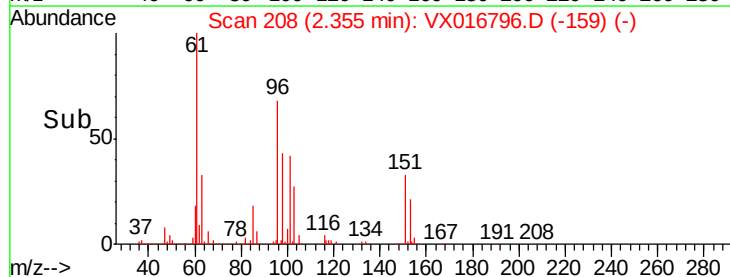
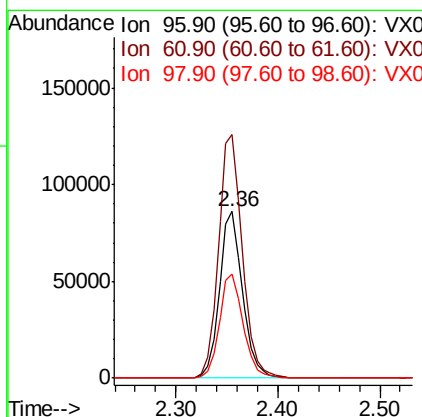
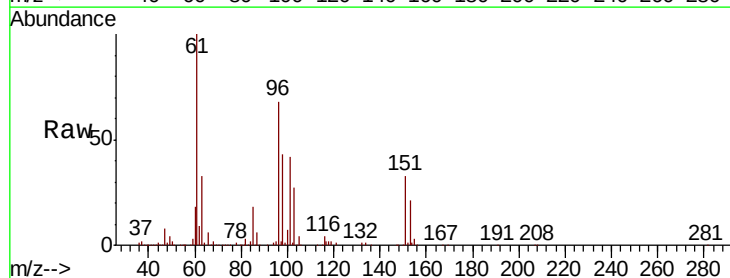
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

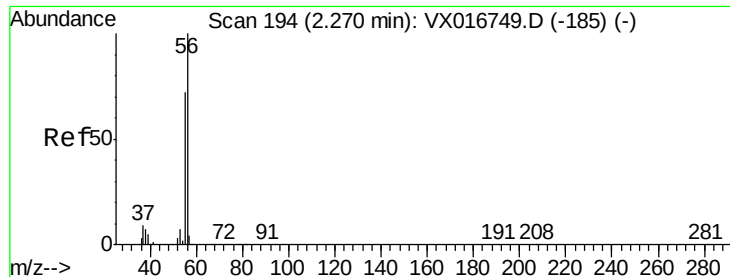
Tot Ion: 59 Resp: 199473
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.891 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 96 Resp: 135039
Ion Ratio Lower Upper
96 100
61 146.7 124.1 186.1
98 62.8 52.7 79.1





#13

Acrolein

Concen: 272.880 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

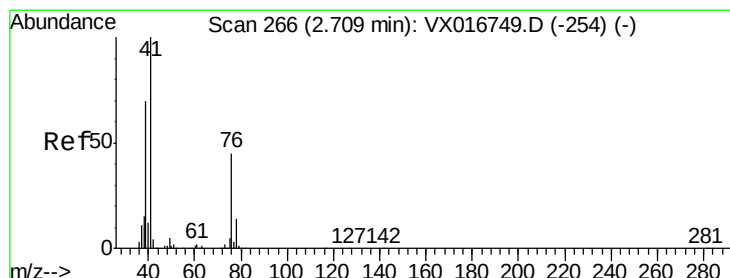
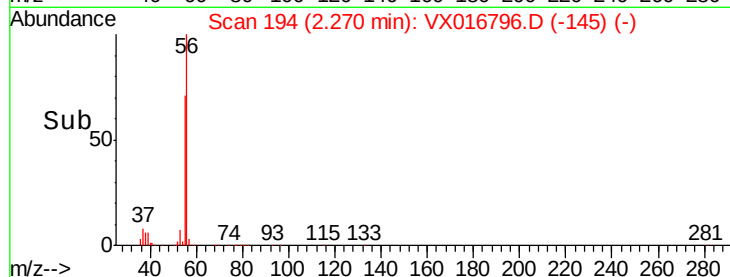
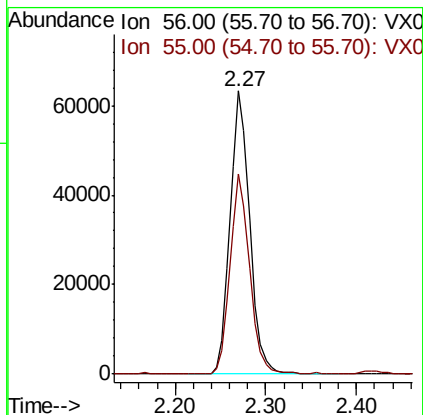
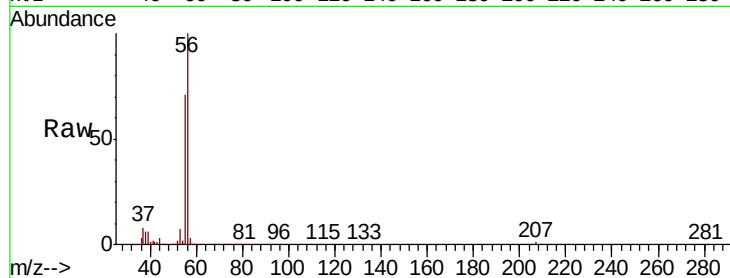
VSTDCCC050

Tot Ion: 56 Resp: 94794

Ion Ratio Lower Upper

56 100

55 69.9 58.2 87.4



#14

Allyl chloride

Concen: 49.420 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

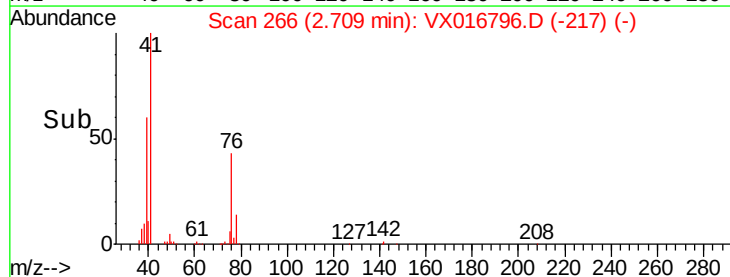
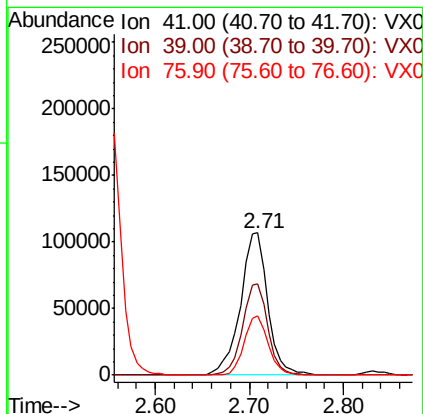
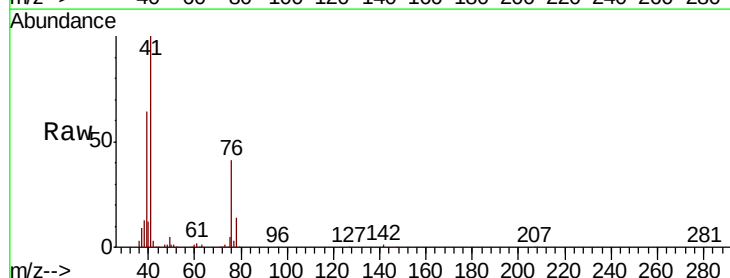
Tgt Ion: 41 Resp: 217946

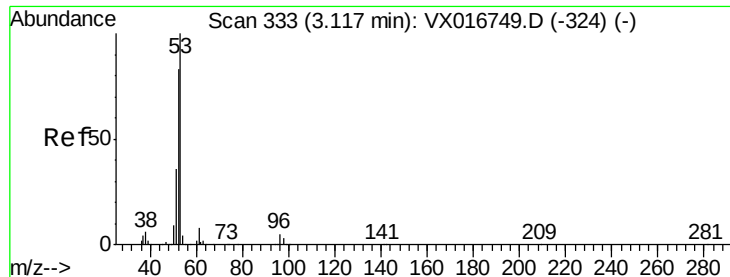
Ion Ratio Lower Upper

41 100

39 59.2 50.2 75.4

76 36.6 30.4 45.6





#15

Acrylonitrile

Concen: 250.922 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

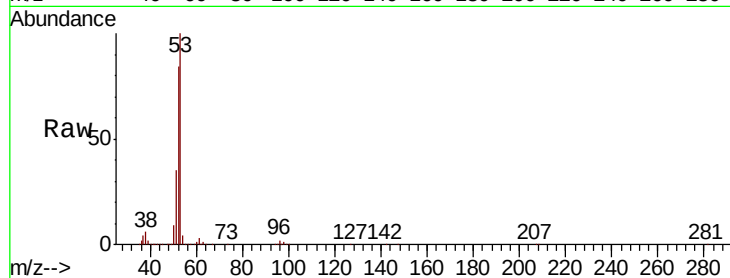
Tot Ion: 53 Resp: 415080

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

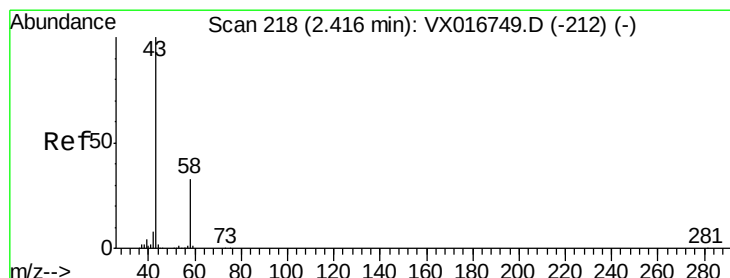
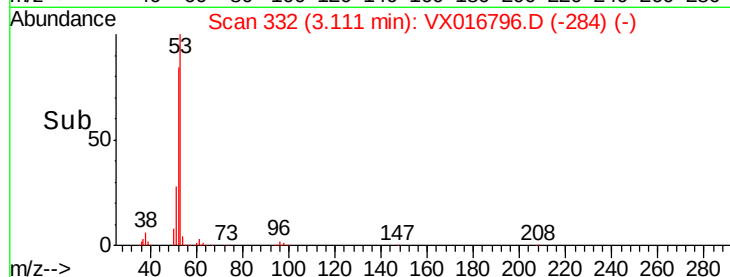
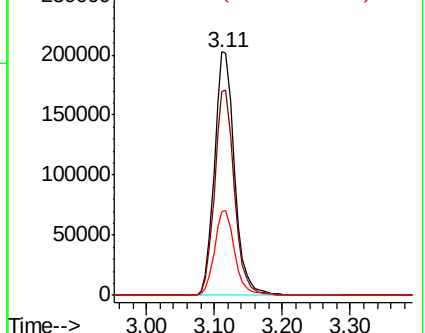
51 35.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.142 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016796.D

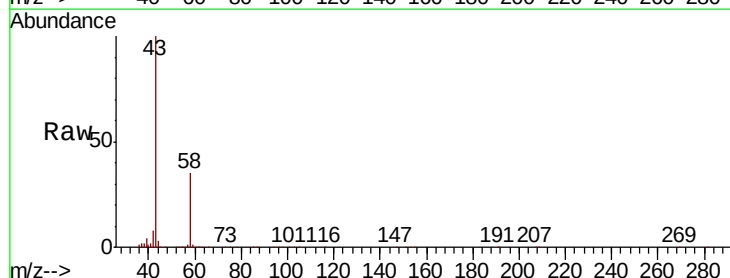
Acq: 16 Jun 2020 22:40

Tgt Ion: 43 Resp: 341706

Ion Ratio Lower Upper

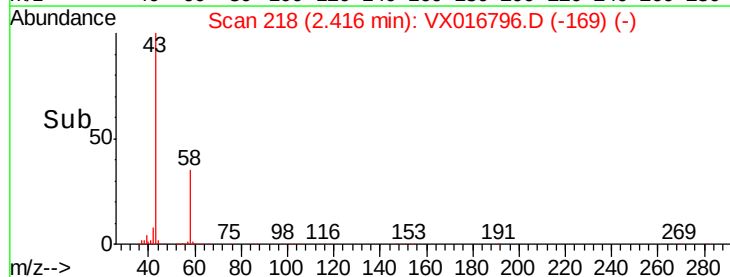
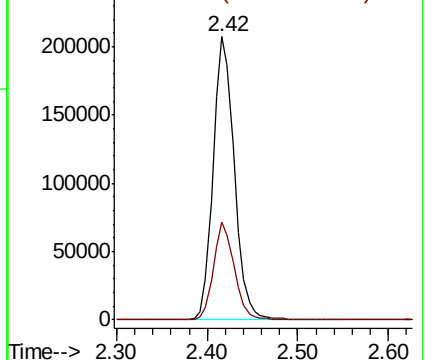
43 100

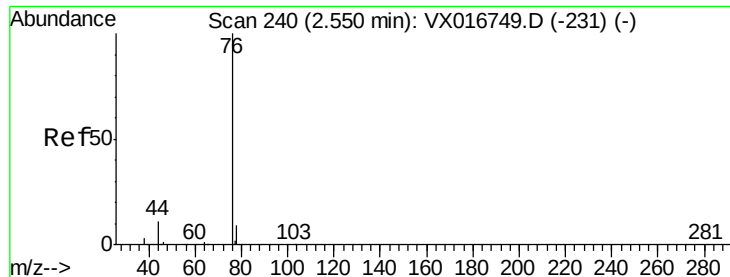
58 34.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.515 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

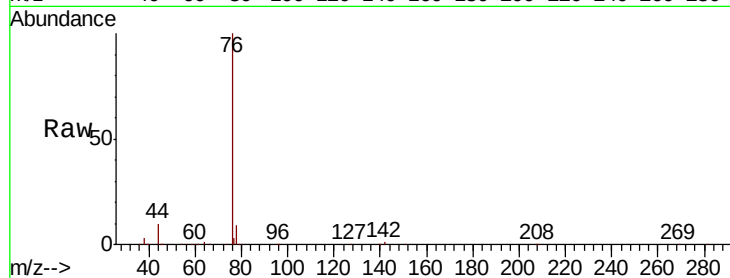
VSTDCCC050

Tot Ion: 76 Resp: 383715

Ion Ratio Lower Upper

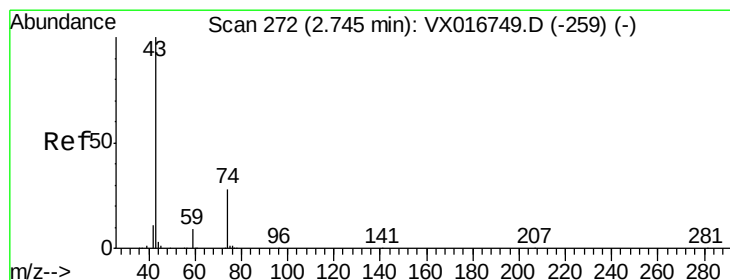
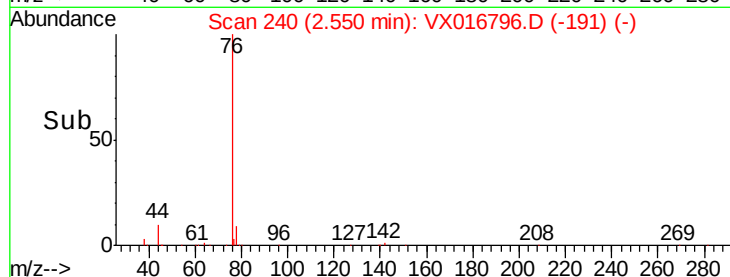
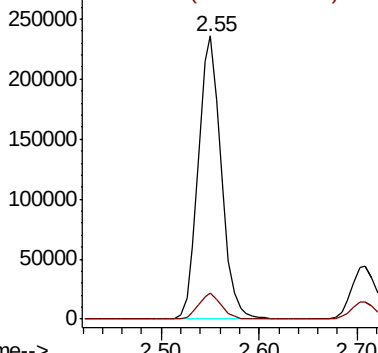
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.979 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016796.D

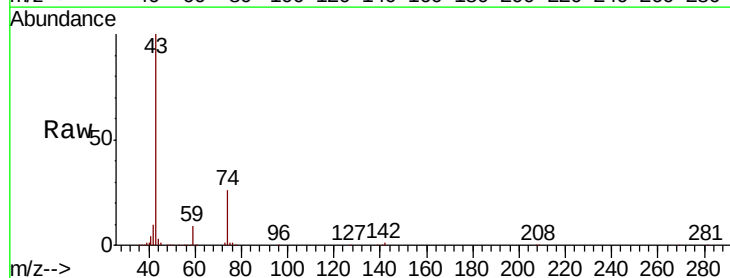
Acq: 16 Jun 2020 22:40

Tgt Ion: 43 Resp: 204222

Ion Ratio Lower Upper

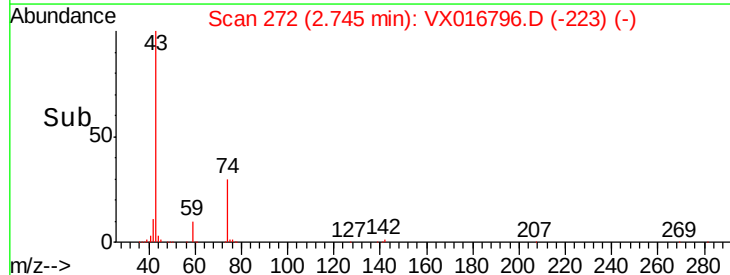
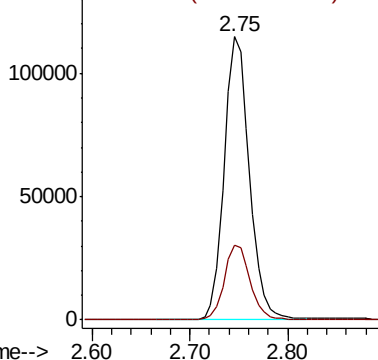
43 100

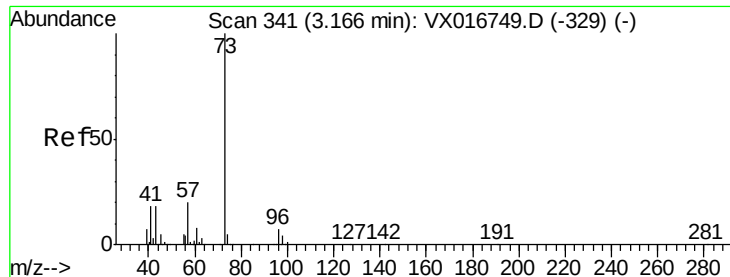
74 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



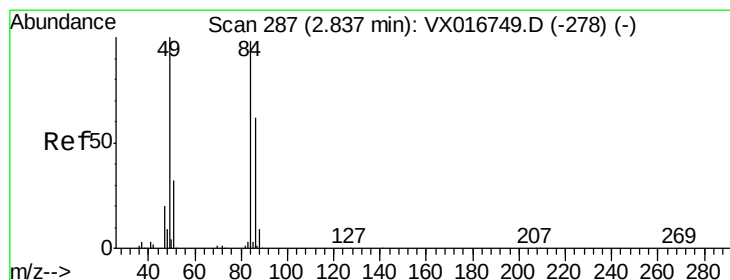
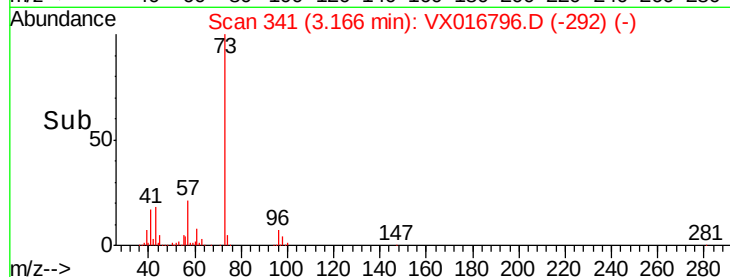
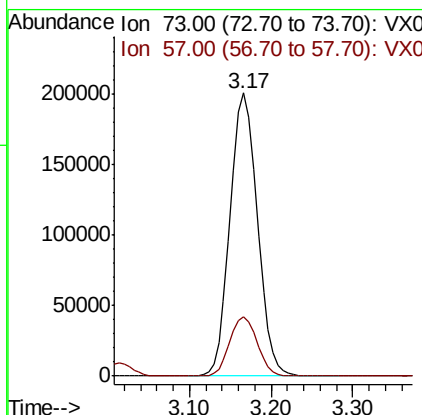
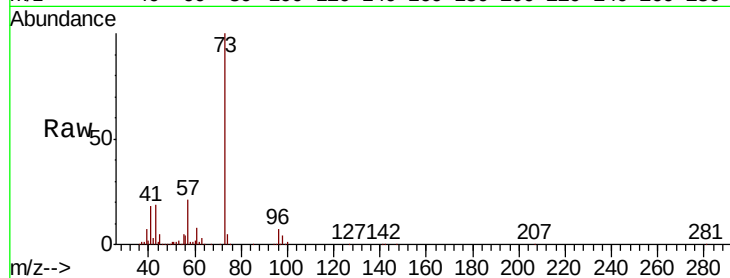


#19

Methyl tert-butyl Ether
 Concen: 48.617 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

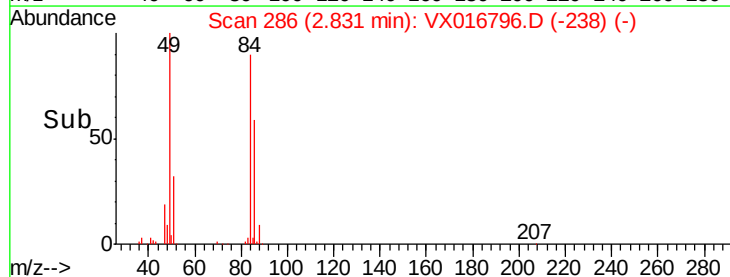
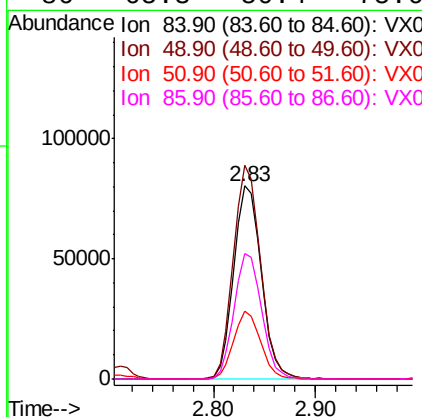
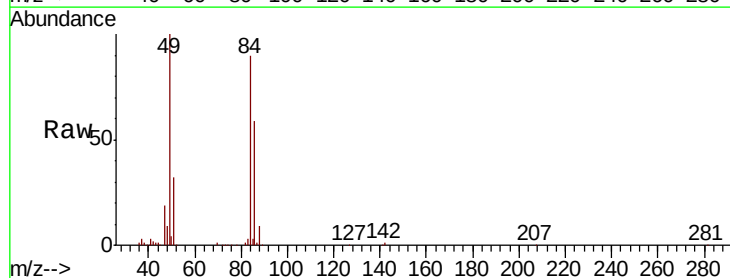
Tot Ion: 73 Resp: 467233
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.2 24.4

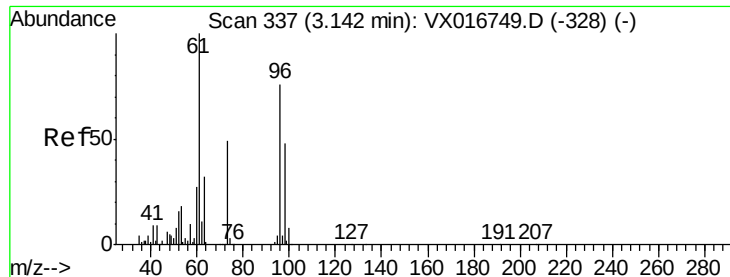


#20

Methylene Chloride
 Concen: 47.420 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion: 84 Resp: 150349
 Ion Ratio Lower Upper
 84 100
 49 110.7 81.8 122.8
 51 35.2 25.8 38.8
 86 65.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 48.803 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

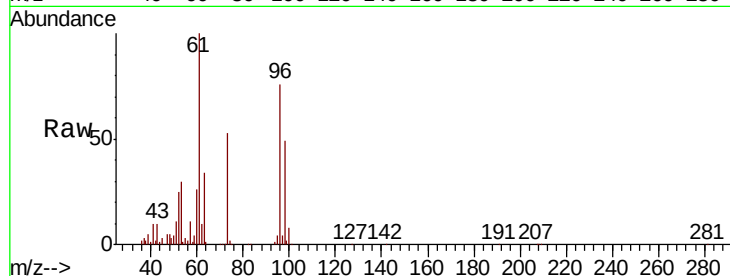
Tot Ion: 96 Resp: 147878

Ion Ratio Lower Upper

96 100

61 132.0 105.4 158.2

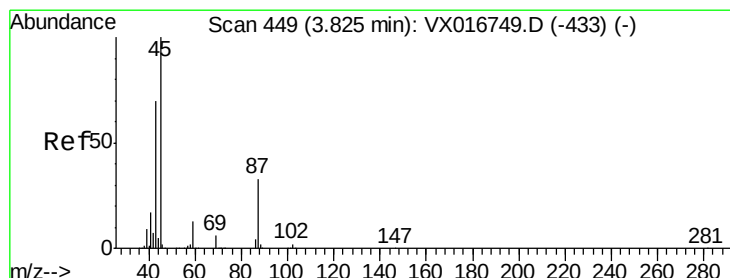
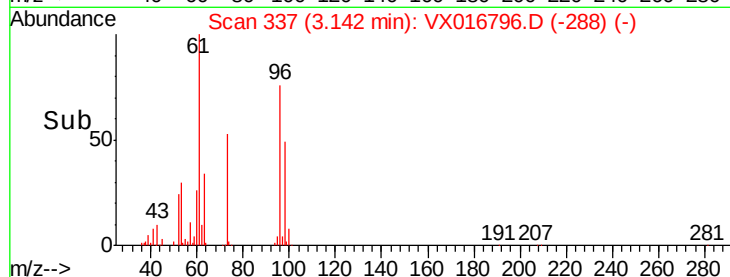
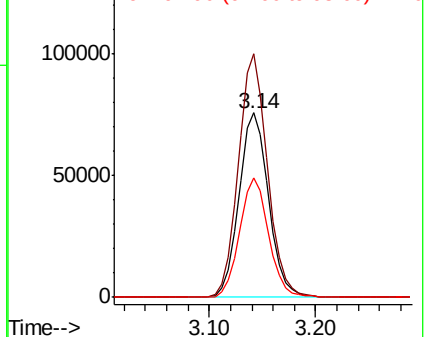
98 64.9 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.721 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion: 45 Resp: 420158

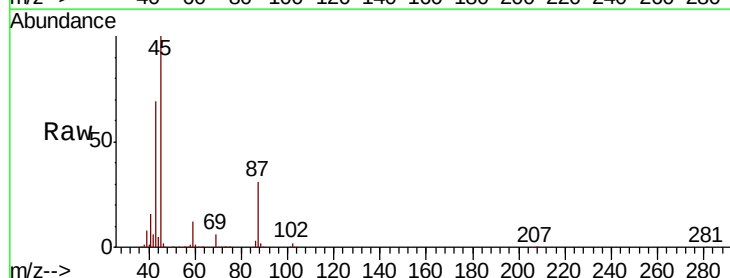
Ion Ratio Lower Upper

45 100

43 68.6 56.2 84.4

87 31.1 26.2 39.4

59 12.2 10.3 15.5

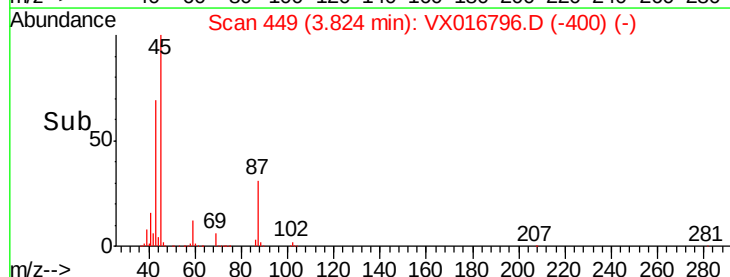
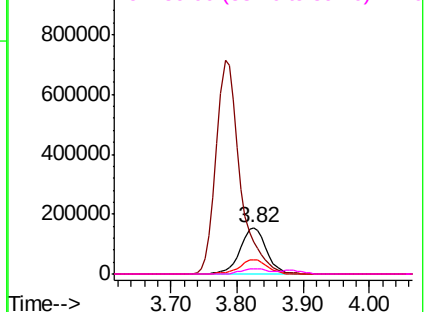


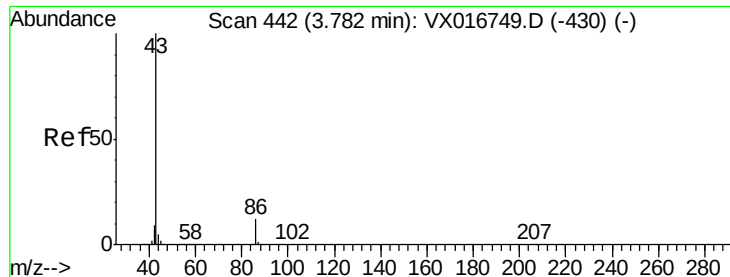
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 252.105 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

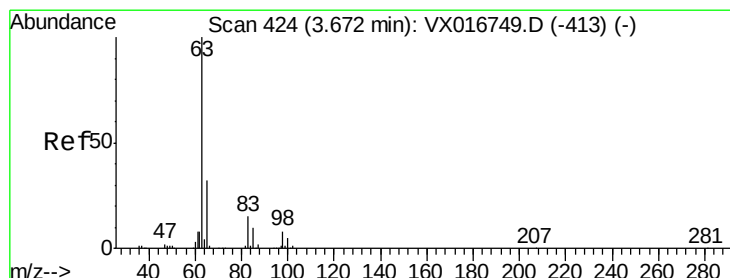
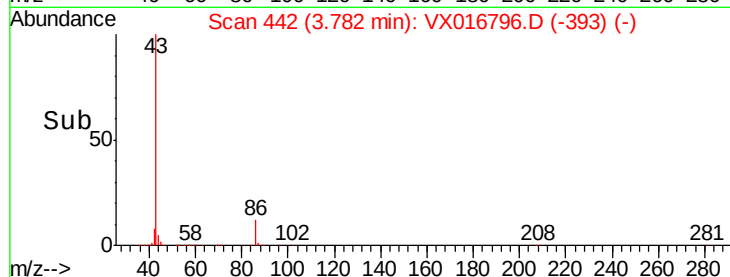
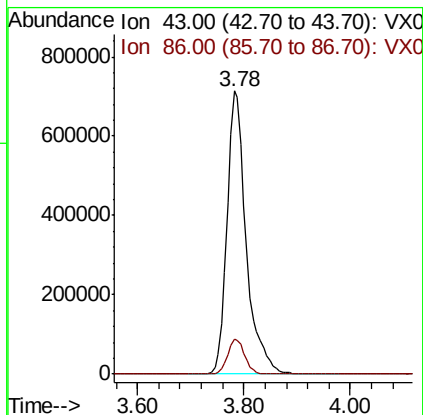
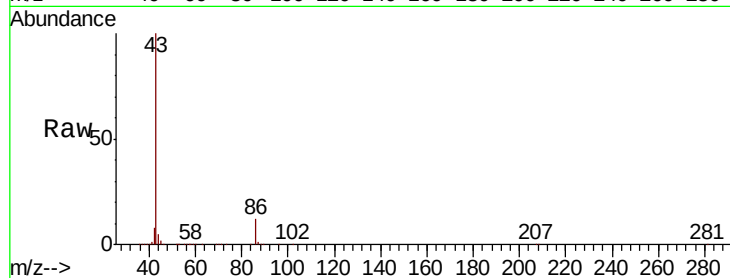
VSTDCCC050

Tot Ion: 43 Resp: 1805027

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.8



#24

1,1-Dichloroethane

Concen: 48.546 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

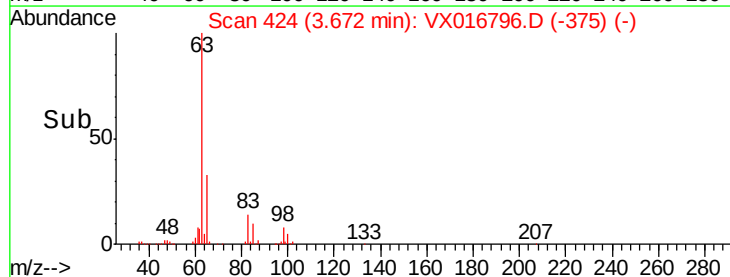
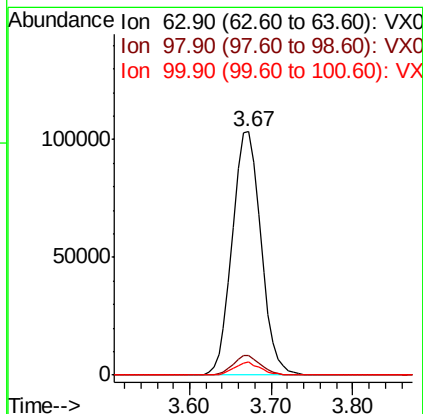
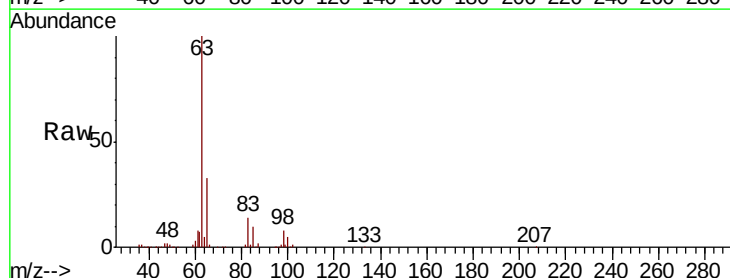
Tgt Ion: 63 Resp: 251518

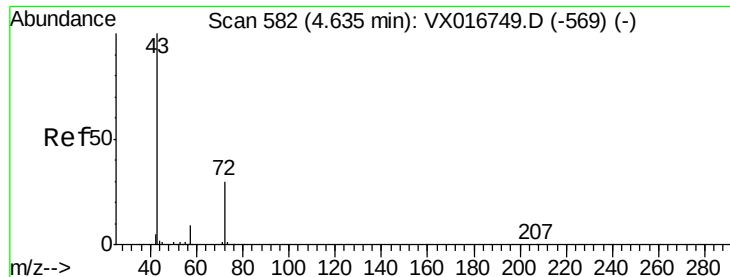
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.4

100 5.2 2.3 6.9

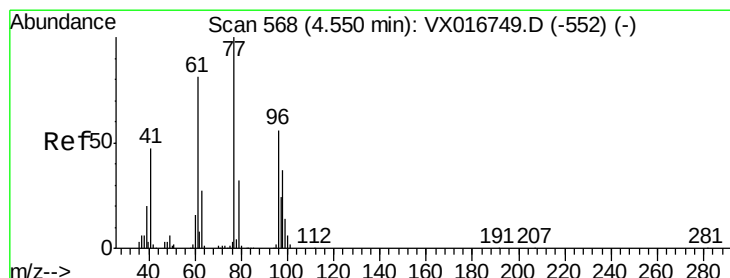
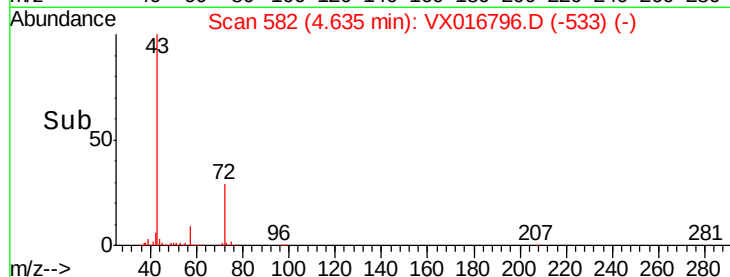
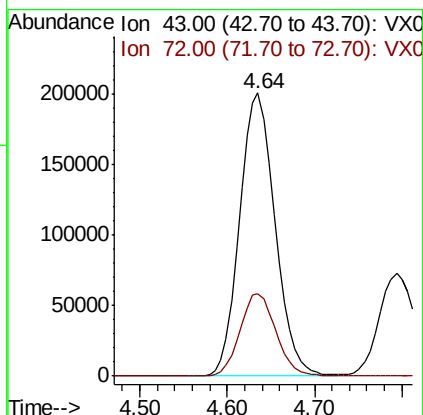
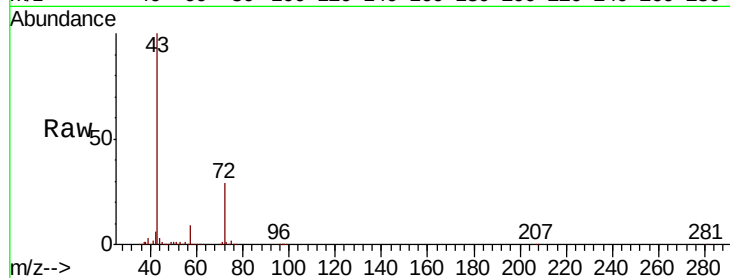




#25
2-Butanone
Concen: 254.296 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

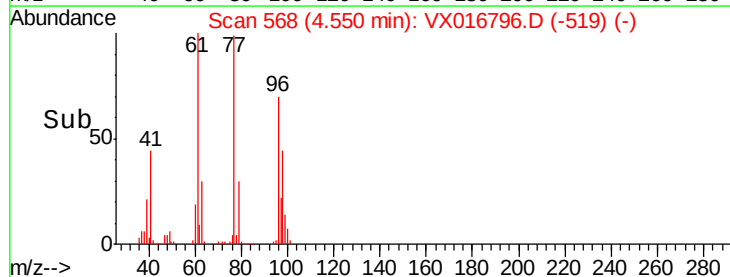
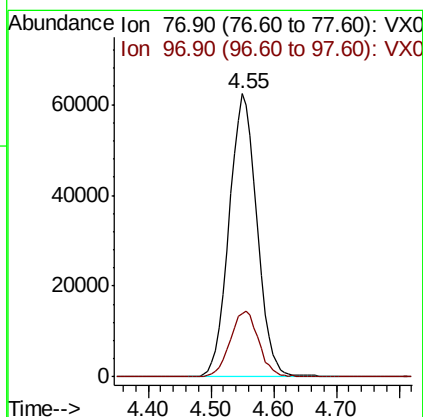
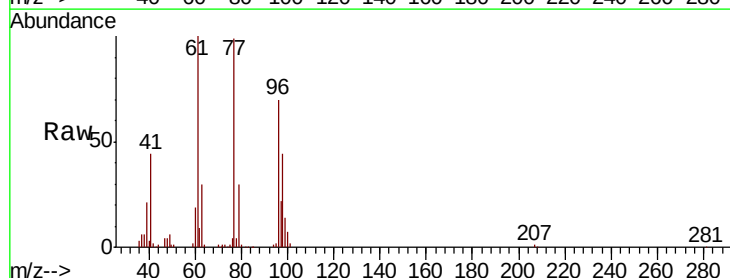
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

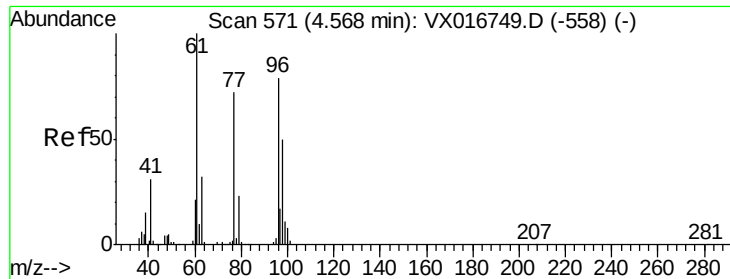
Tot Ion: 43 Resp: 564133
Ion Ratio Lower Upper
43 100
72 29.1 24.2 36.4



#26
2,2-Dichloropropane
Concen: 40.017 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 77 Resp: 191976
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.4



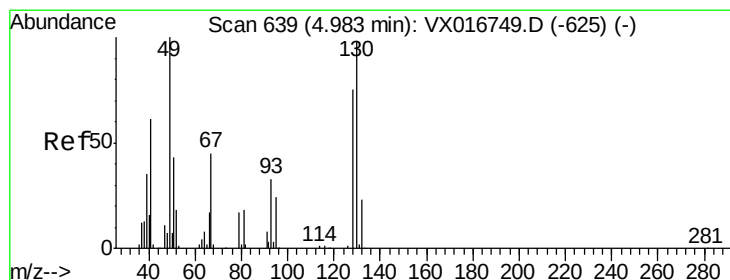
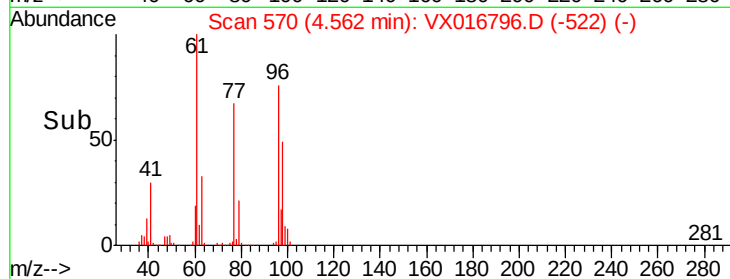
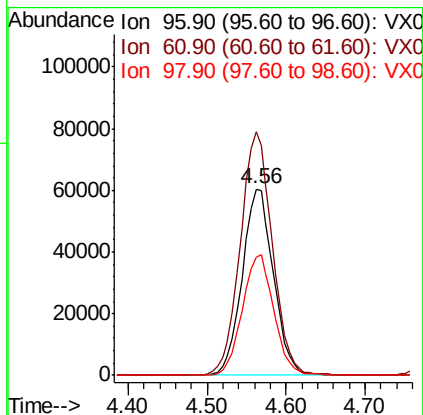
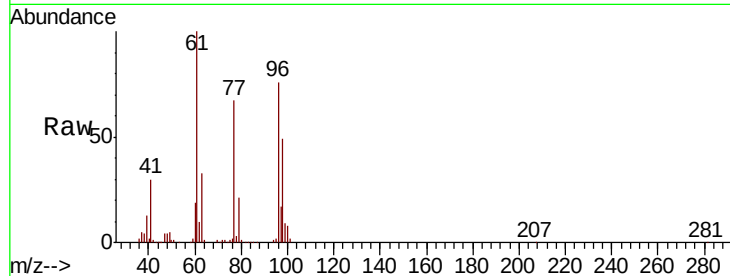


#27

cis-1,2-Dichloroethene
 Concen: 48.106 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

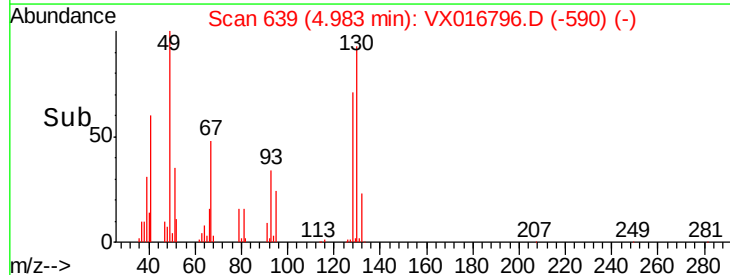
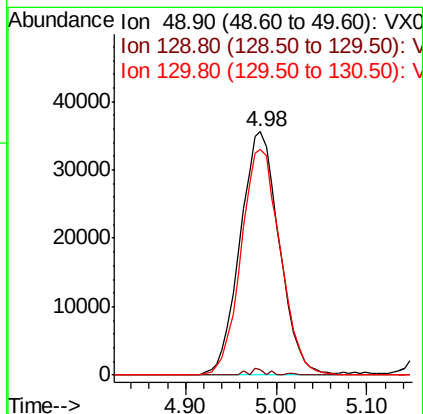
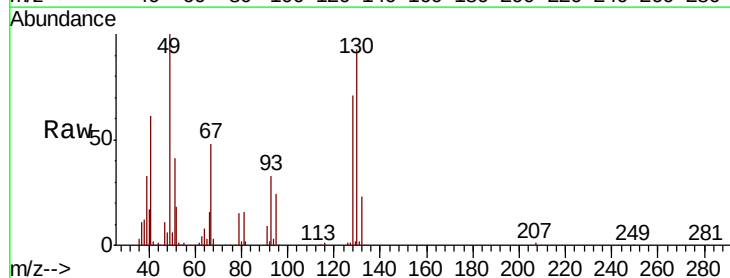
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	276.2
98	65.0	0.0	130.0

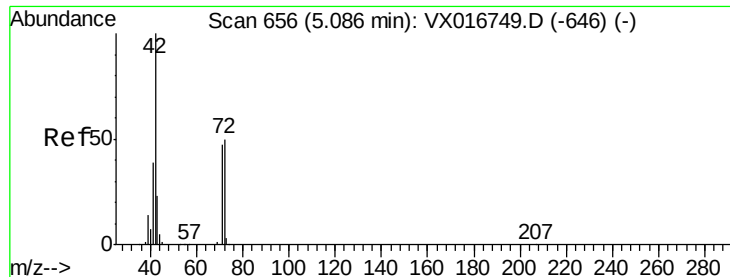


#28

Bromochloromethane
 Concen: 48.258 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.8
130	92.9	76.0	114.0





#29

Tetrahydrofuran

Concen: 252.994 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

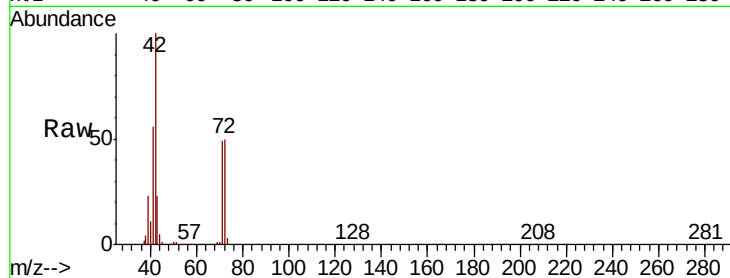
Tot Ion: 42 Resp: 363581

Ion Ratio Lower Upper

42 100

72 50.1 41.0 61.6

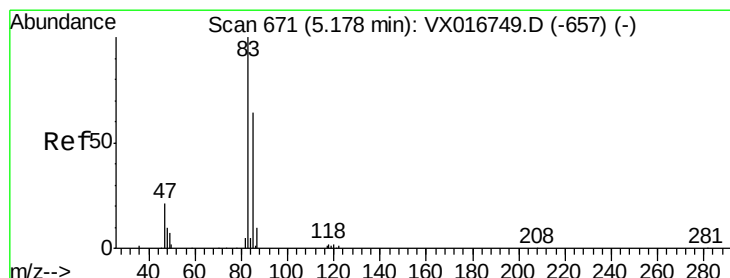
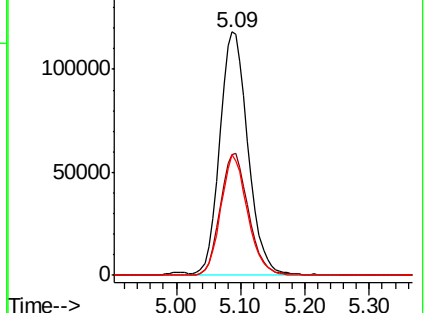
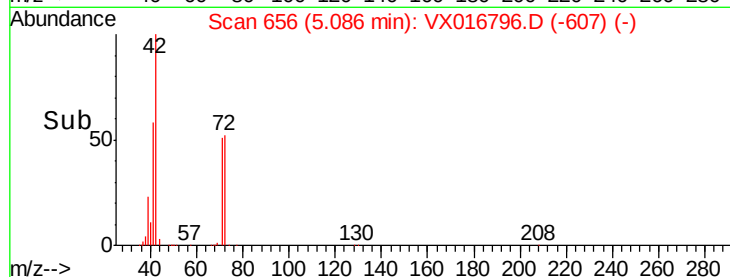
71 47.0 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.754 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016796.D

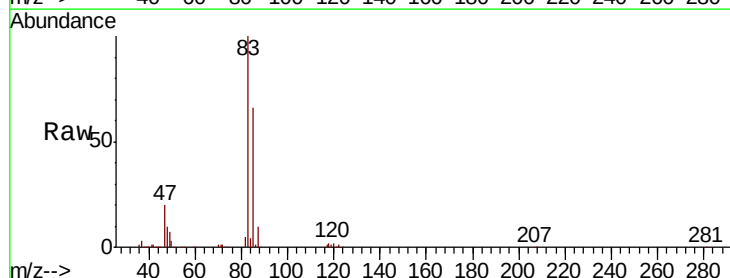
Acq: 16 Jun 2020 22:40

Tgt Ion: 83 Resp: 261754

Ion Ratio Lower Upper

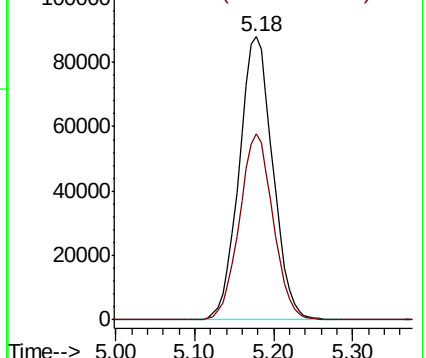
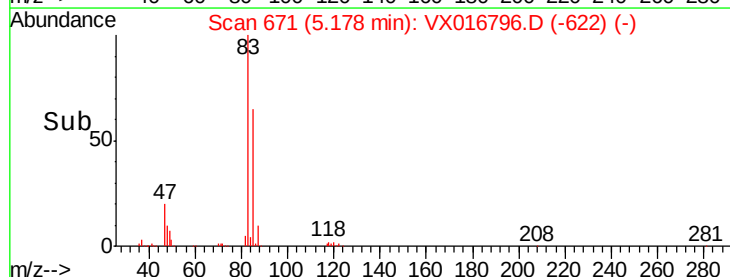
83 100

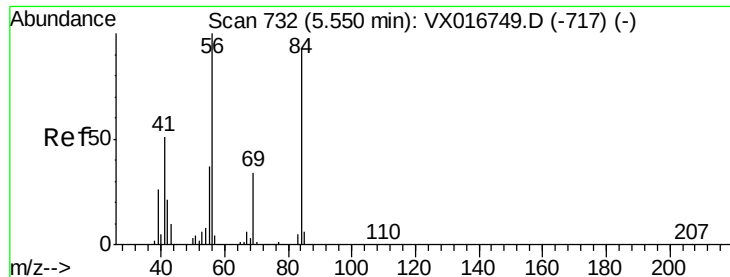
85 65.6 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

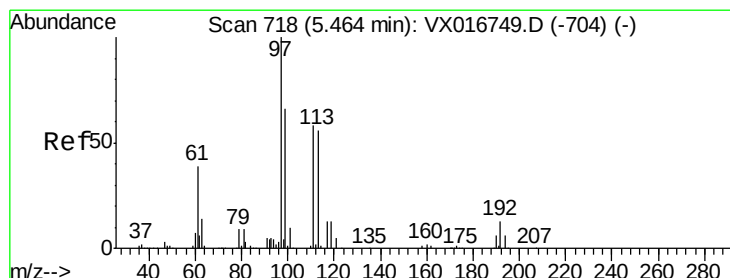
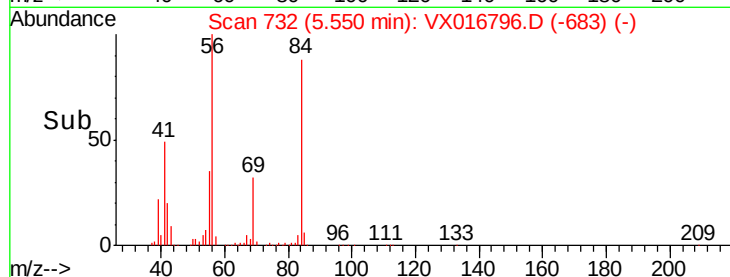
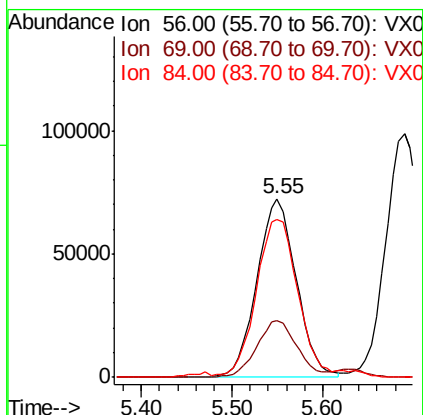
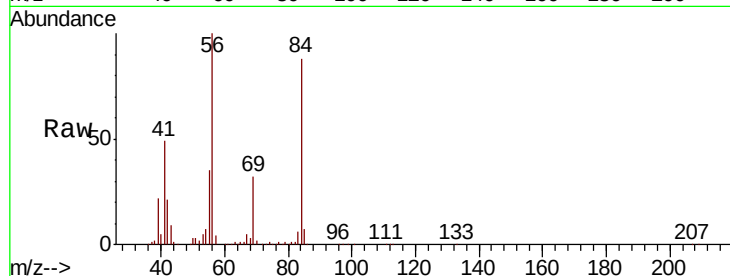




#31
Cyclohexane
Concen: 52.101 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

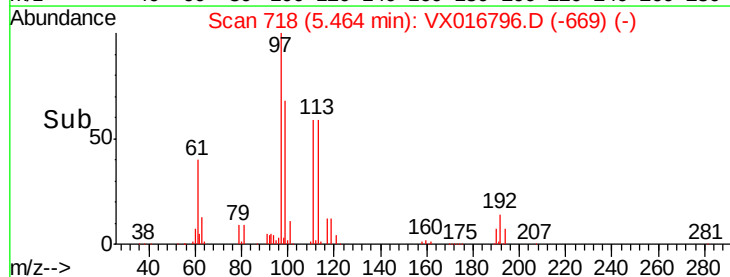
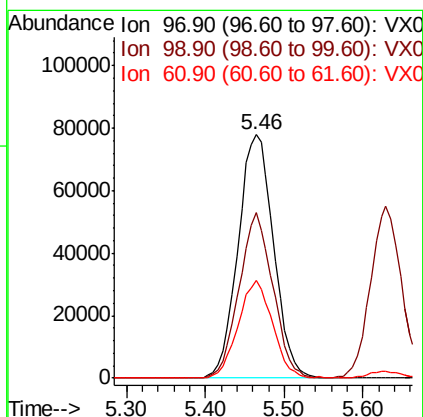
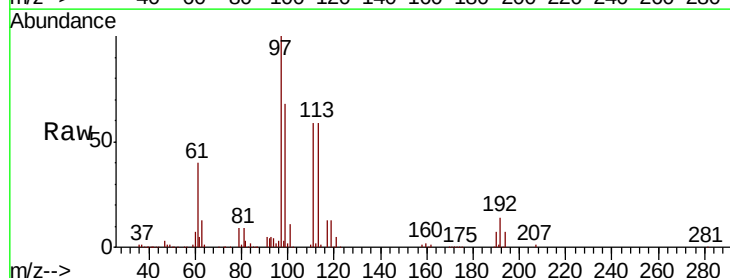
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

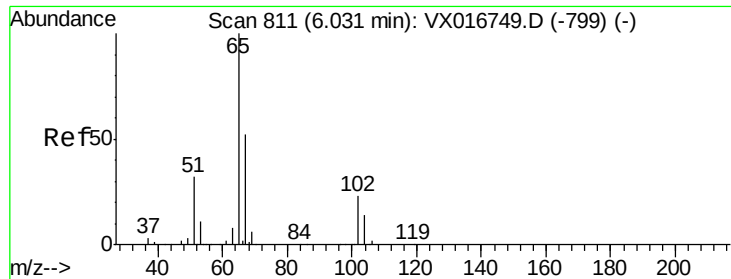
Tot Ion: 56 Resp: 217488
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 86.8 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 48.999 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 97 Resp: 243709
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 38.8 31.3 46.9

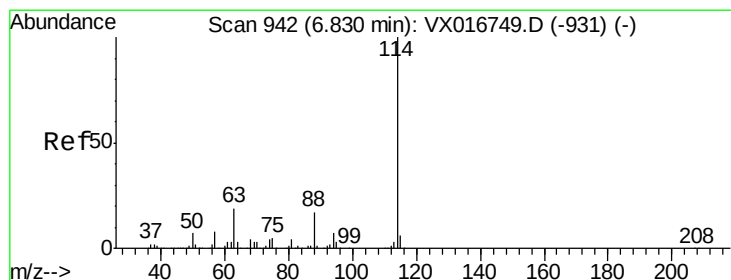
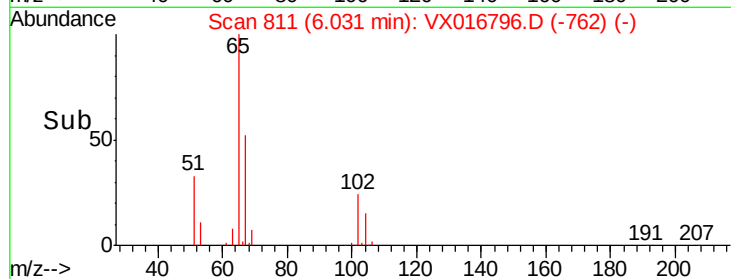
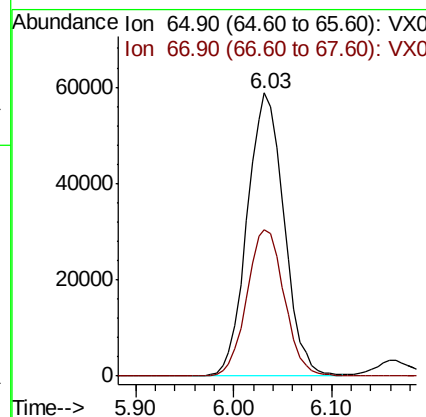
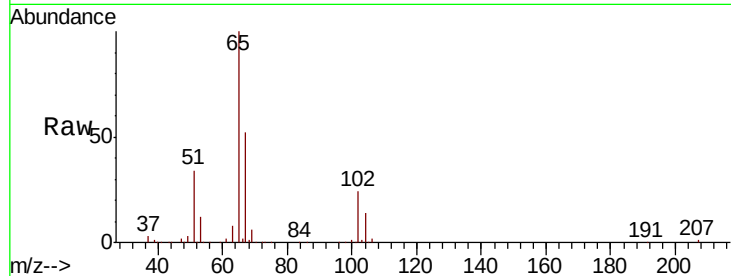




#33
 1,2-Dichloroethane-d4
 Concen: 47.598 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

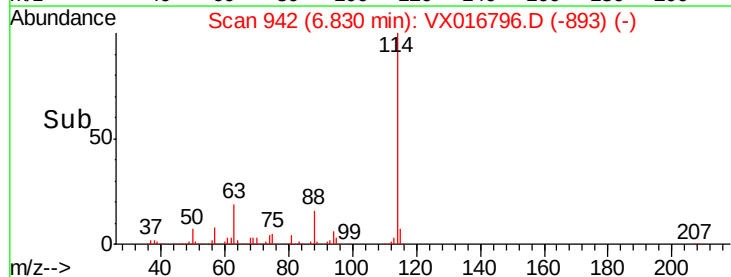
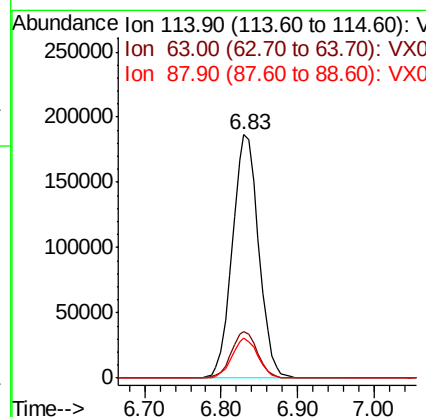
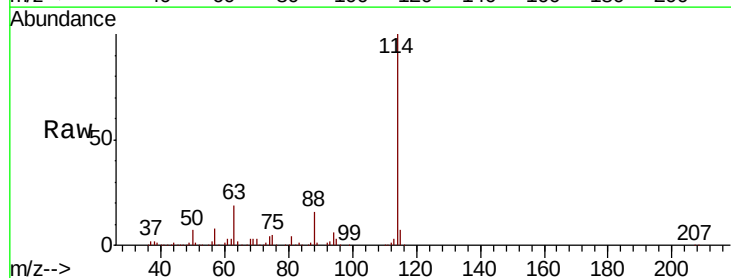
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

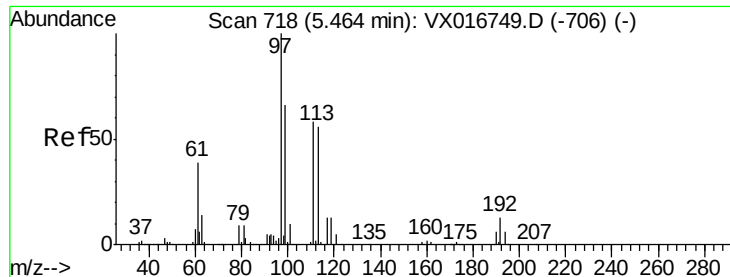
Tot Ion: 65 Resp: 154441
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion: 114 Resp: 442203
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.546 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

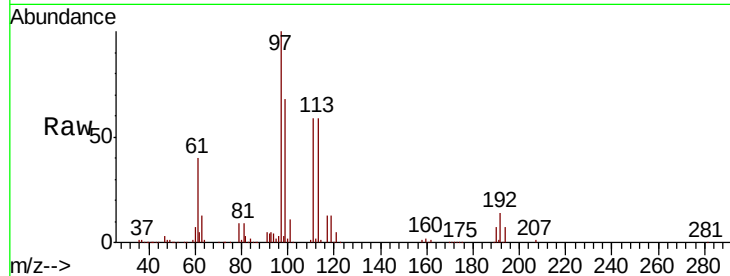
Tot Ion:113 Resp: 129721

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

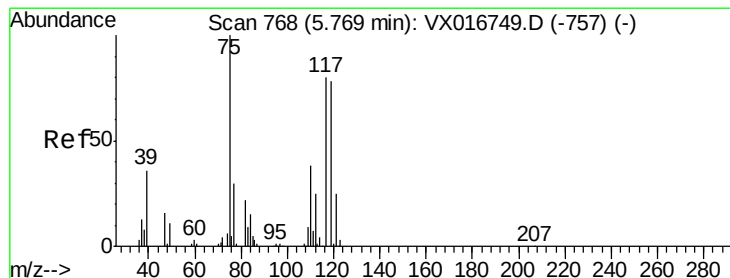
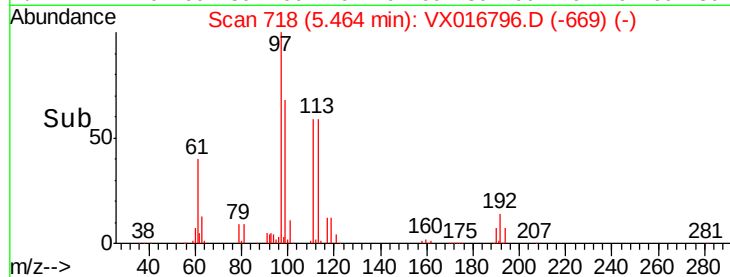
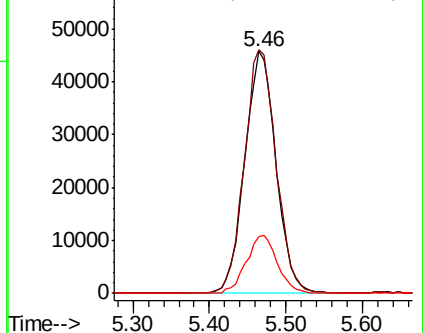
192 24.0 18.2 27.4



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: 50.178 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

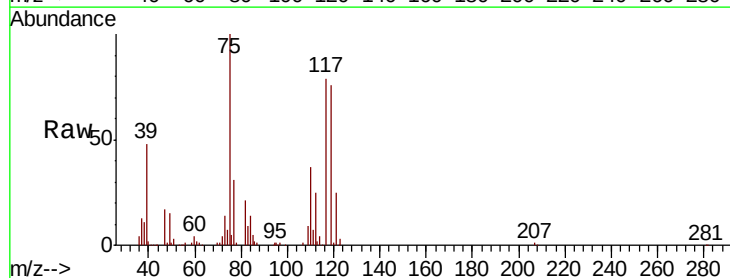
Tgt Ion: 75 Resp: 196088

Ion Ratio Lower Upper

75 100

110 37.2 18.4 55.2

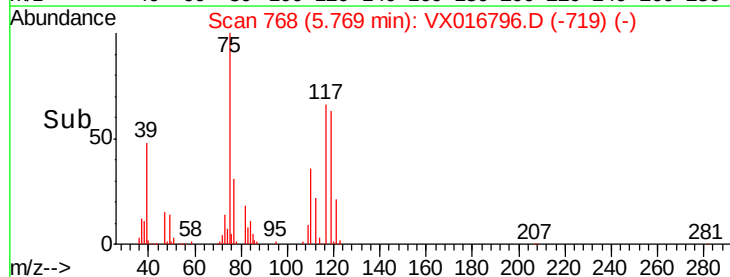
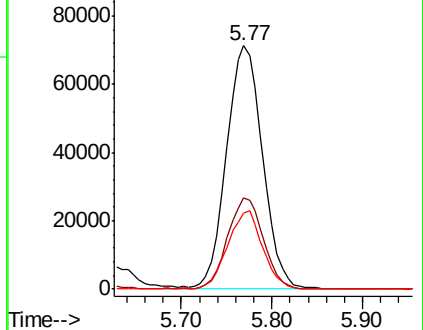
77 30.9 24.7 37.1

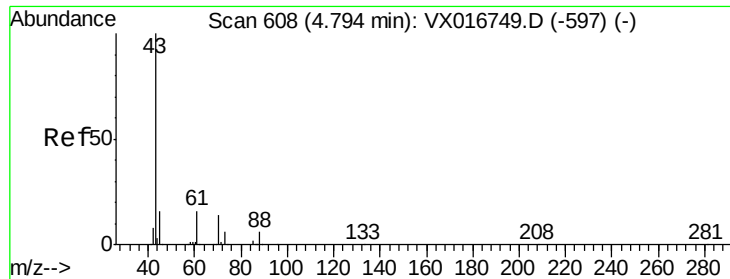


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

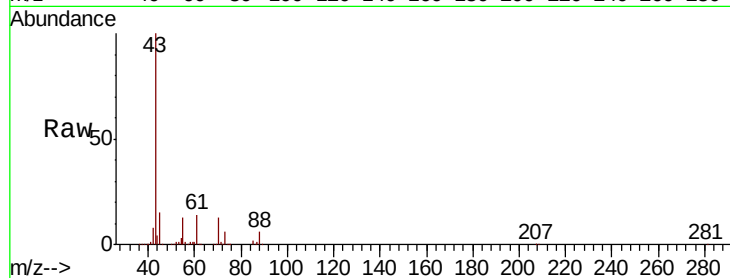




#37
Ethyl Acetate
Concen: 49.756 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.4	18.6
70	13.2	10.8	16.2

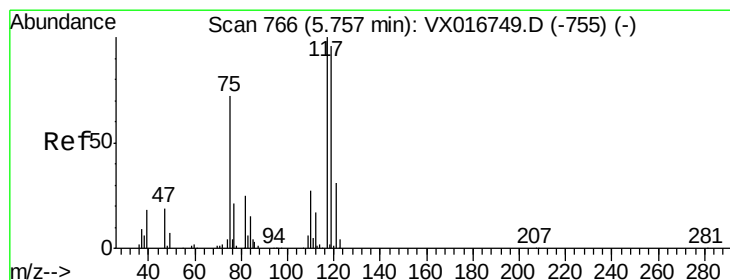
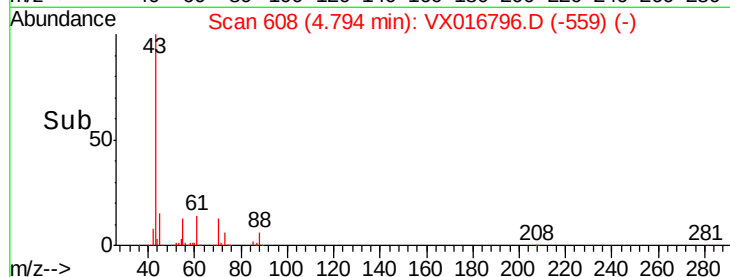
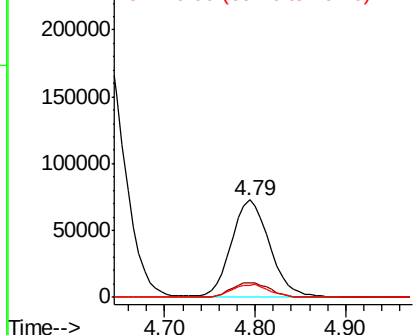


Abundance

Ion 43.00 (42.70 to 43.70): VX0

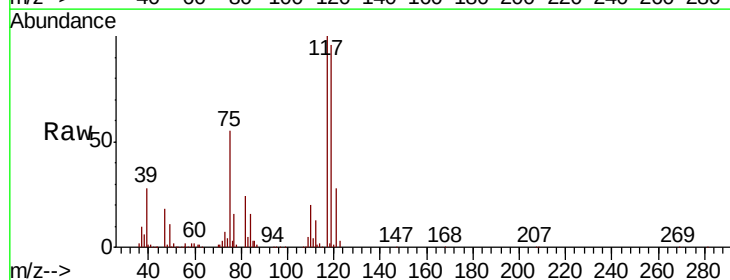
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 50.045 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
121	28.3	24.7	37.1

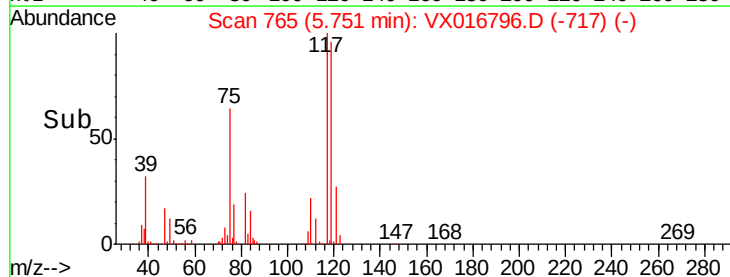
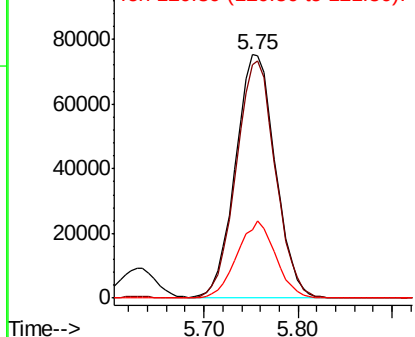


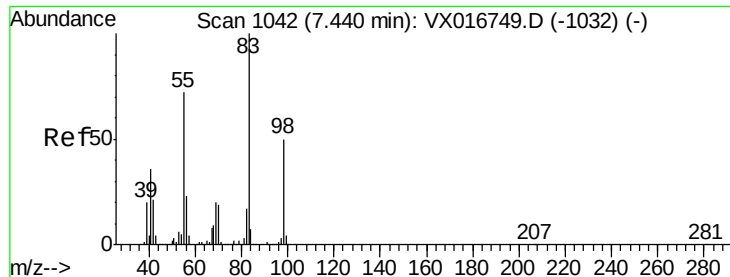
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

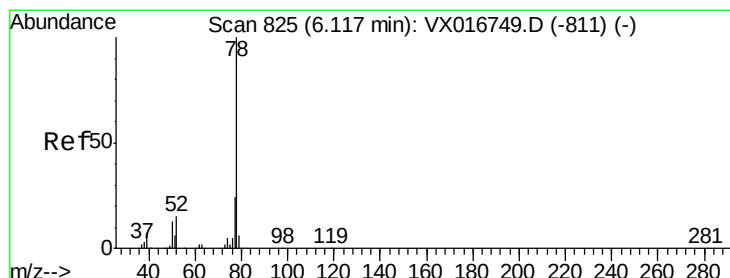
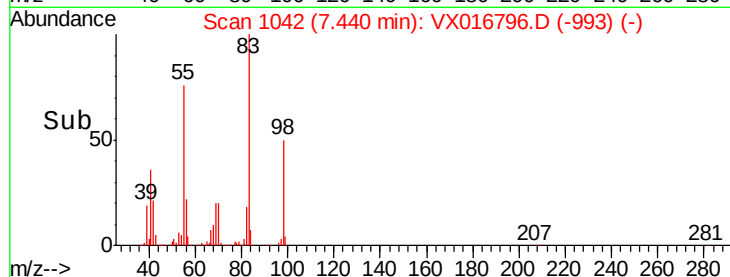
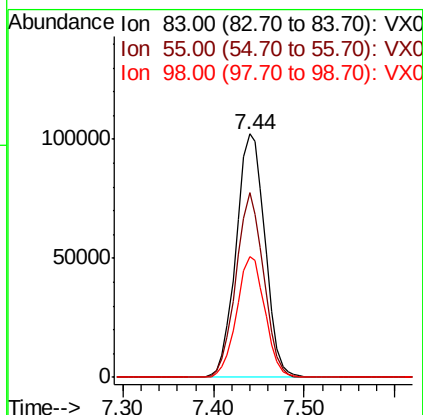
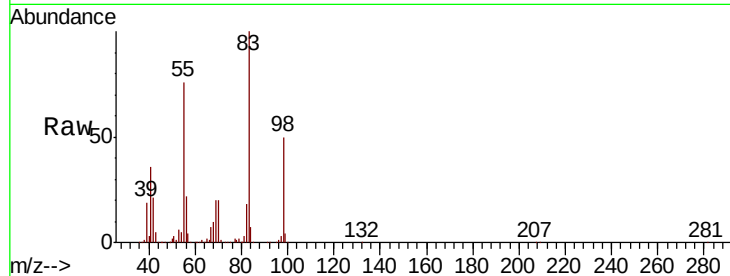




#39
Methylvlcyclohexane
Concen: 49.784 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

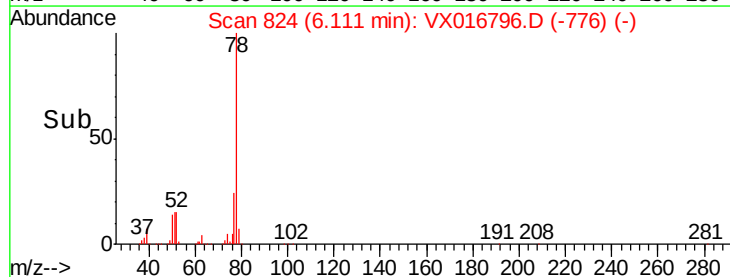
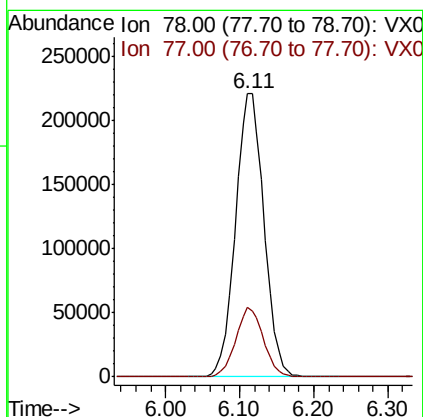
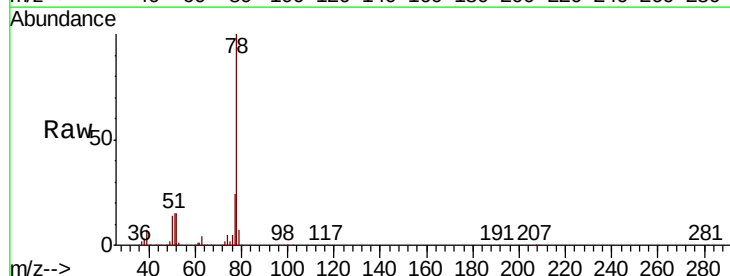
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

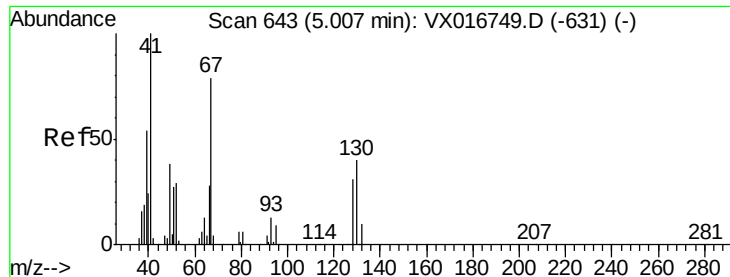
Tot Ion: 83 Resp: 225582
Ion Ratio Lower Upper
83 100
55 76.0 57.3 85.9
98 49.7 40.3 60.5



#40
Benzene
Concen: 49.694 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 78 Resp: 591271
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41

Methacrylonitrile

Concen: 50.756 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 115819

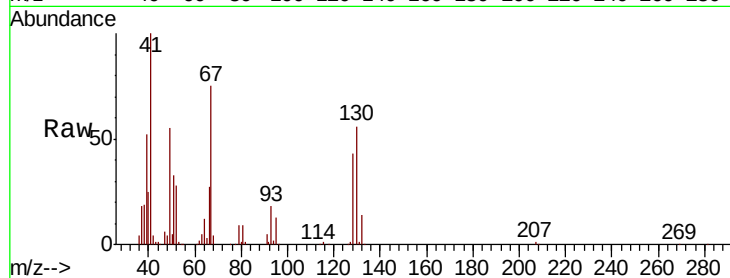
Ion Ratio Lower Upper

41 100

39 52.6 43.7 65.5

67 79.0 64.6 96.8

52 30.5 25.6 38.4

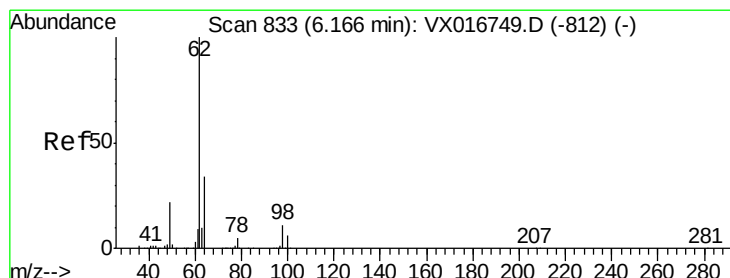
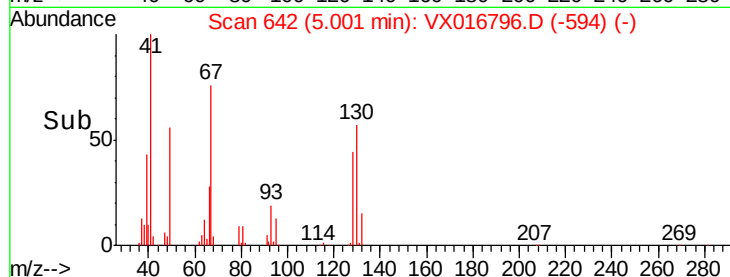
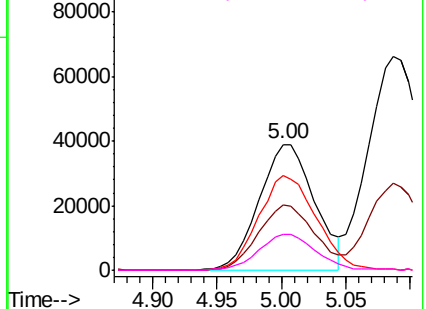


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.692 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016796.D

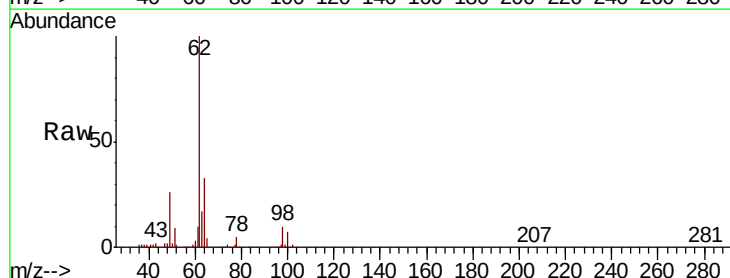
Acq: 16 Jun 2020 22:40

Tgt Ion: 62 Resp: 202764

Ion Ratio Lower Upper

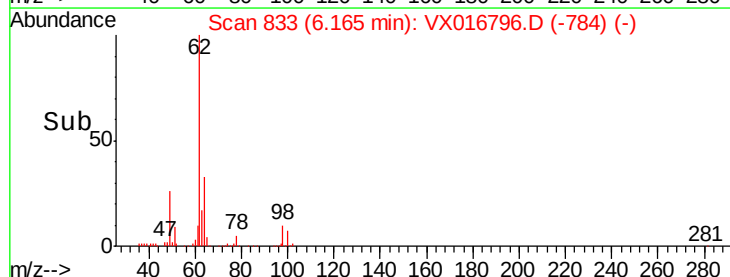
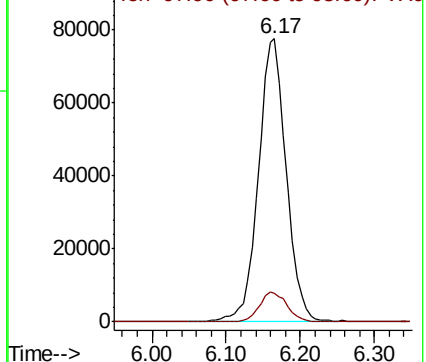
62 100

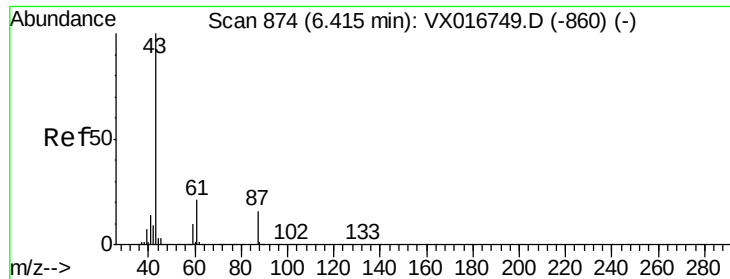
98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.753 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

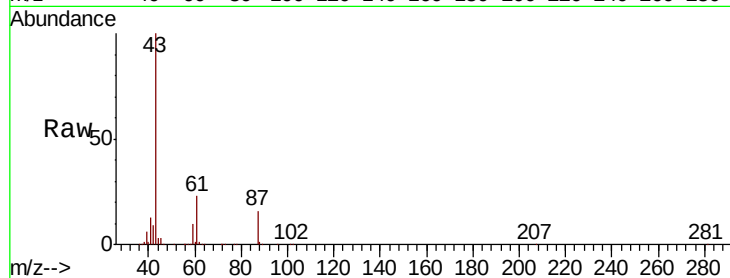
Tot Ion: 43 Resp: 340413

Ion Ratio Lower Upper

43 100

61 22.9 17.7 26.5

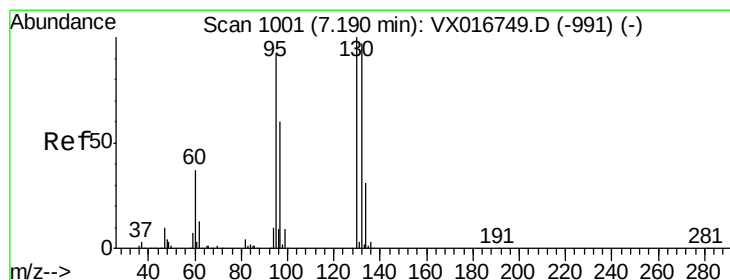
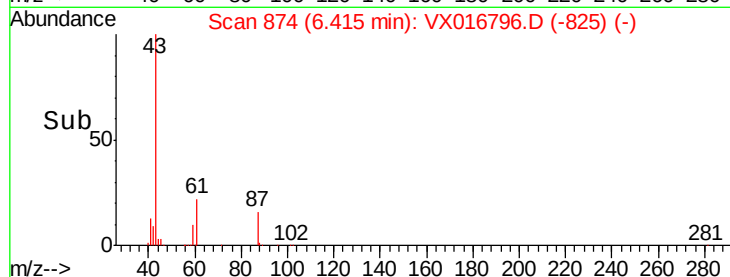
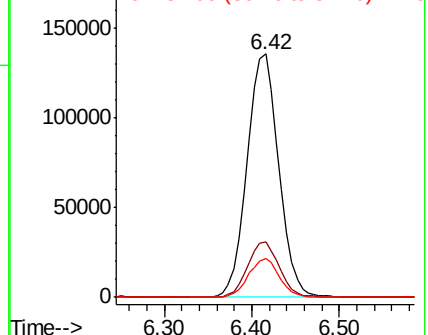
87 15.7 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.460 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016796.D

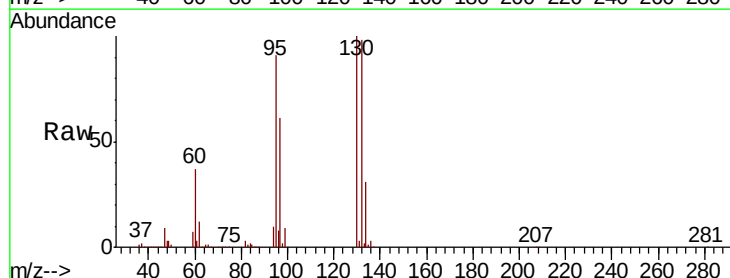
Acq: 16 Jun 2020 22:40

Tgt Ion:130 Resp: 193074

Ion Ratio Lower Upper

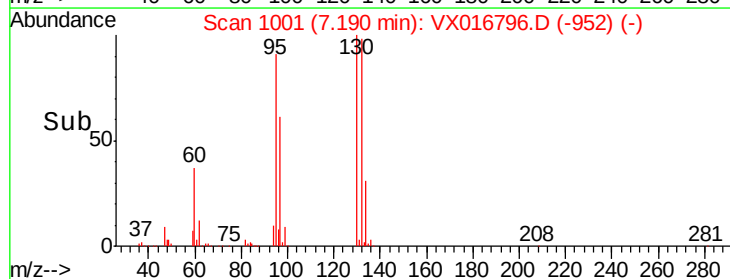
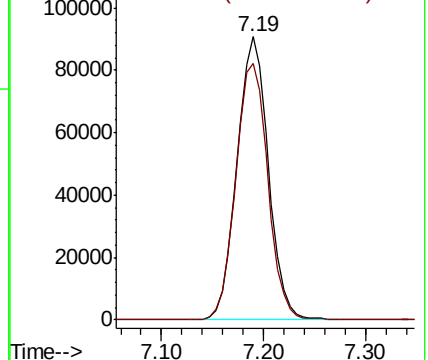
130 100

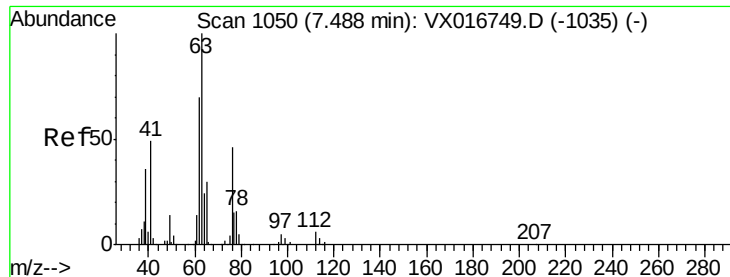
95 90.7 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.725 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

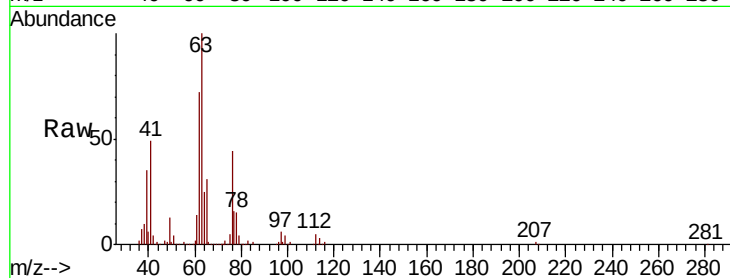
VSTDCCC050

Tot Ion: 63 Resp: 147948

Ion Ratio Lower Upper

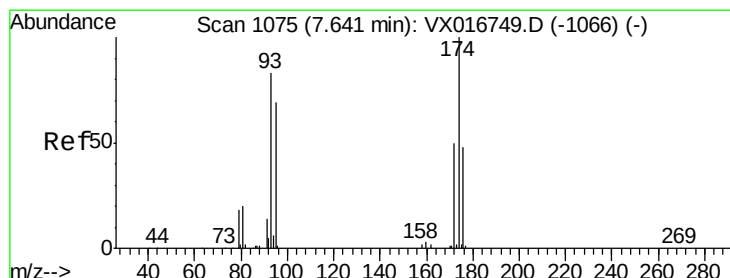
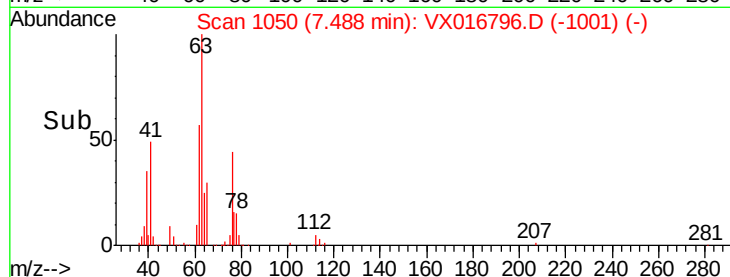
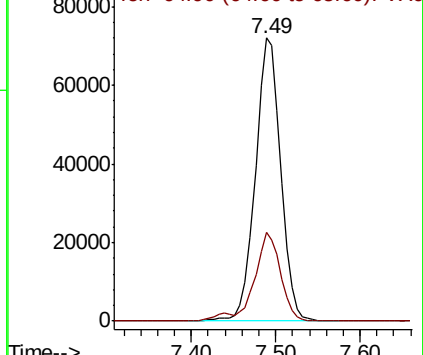
63 100

65 31.4 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.393 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

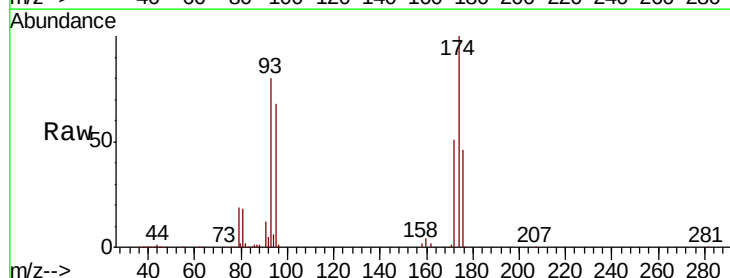
Tgt Ion: 93 Resp: 102875

Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

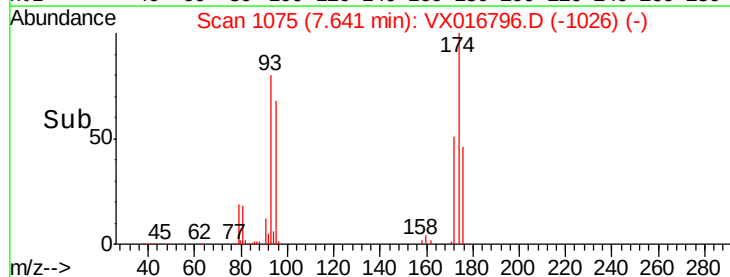
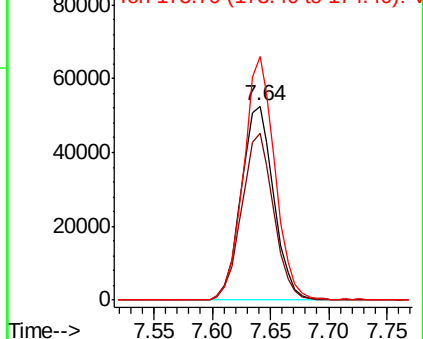
174 120.8 93.8 140.8

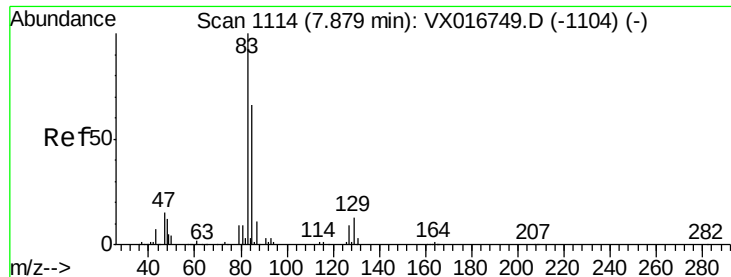


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.326 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

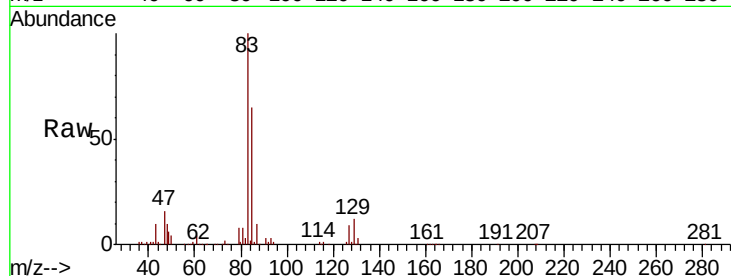
Tot Ion: 83 Resp: 214174

Ion Ratio Lower Upper

83 100

85 65.1 52.5 78.7

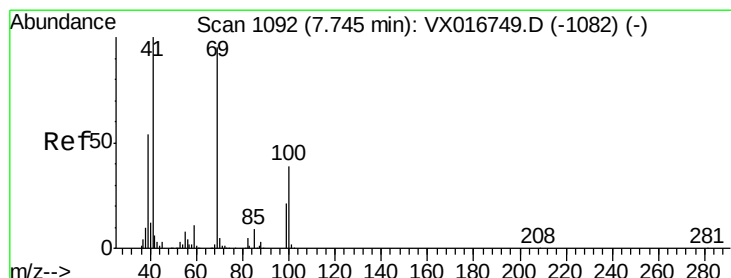
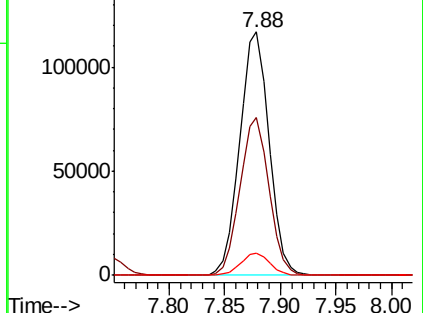
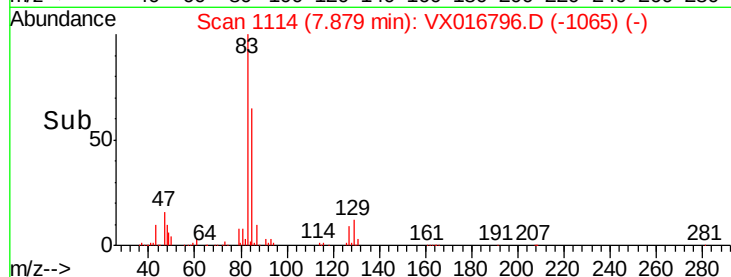
127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.252 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

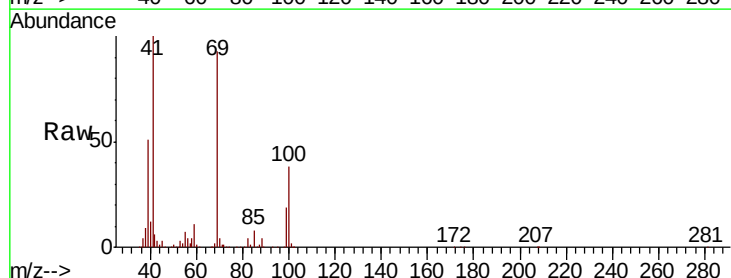
Tgt Ion: 41 Resp: 166110

Ion Ratio Lower Upper

41 100

69 92.3 75.0 112.6

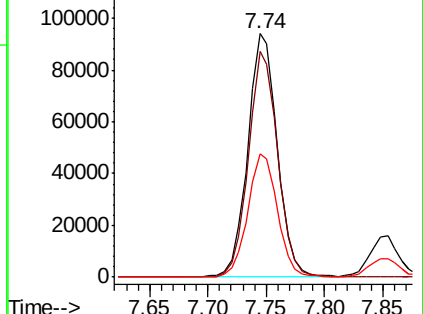
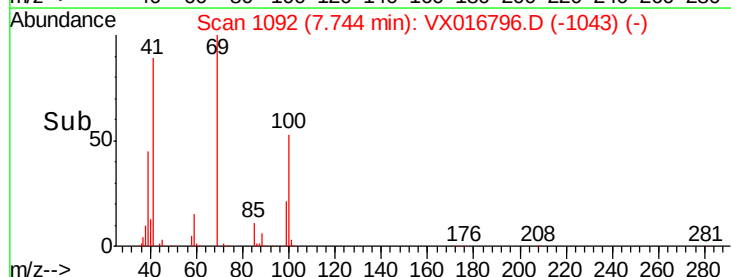
39 50.8 44.3 66.5

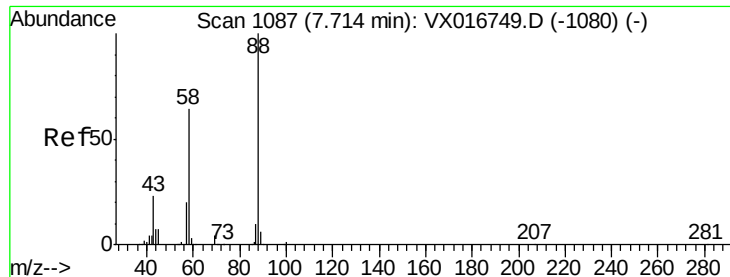


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1040.215 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

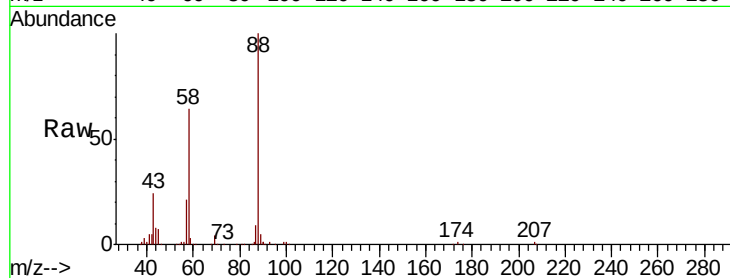
Tot Ion: 88 Resp: 81835

Ion Ratio Lower Upper

88 100

43 27.7 22.9 34.3

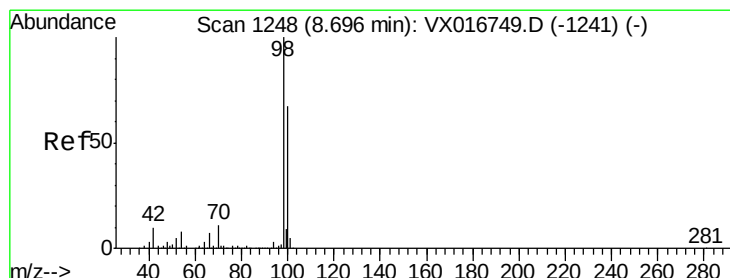
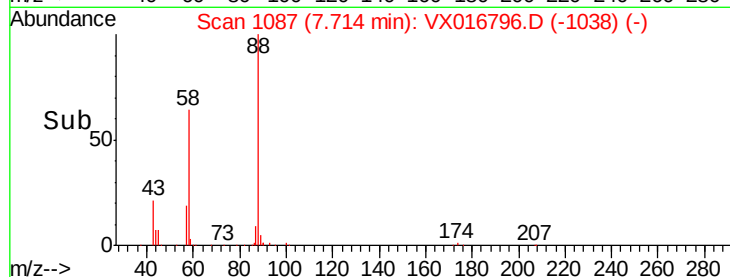
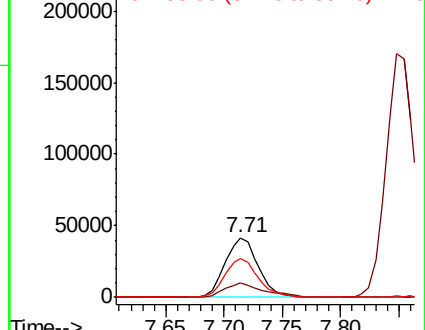
58 66.2 53.7 80.5



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: 50.023 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016796.D

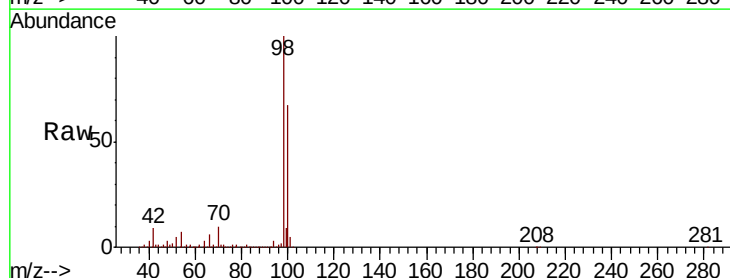
Acq: 16 Jun 2020 22:40

Tgt Ion: 98 Resp: 503229

Ion Ratio Lower Upper

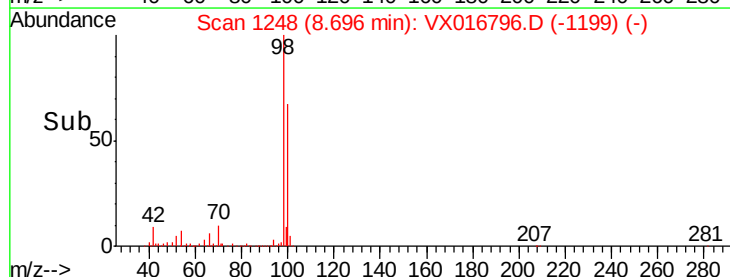
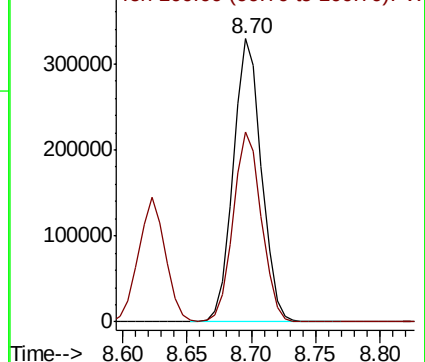
98 100

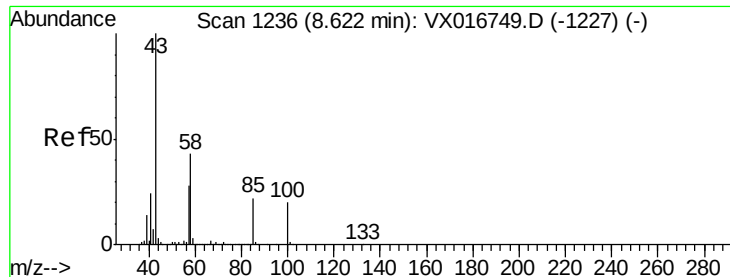
100 67.6 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

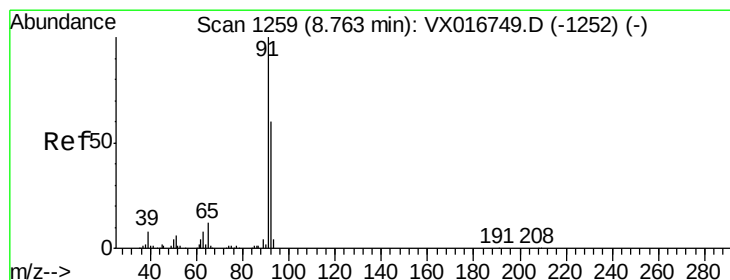
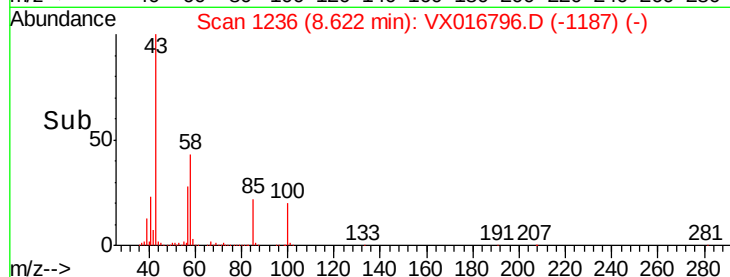
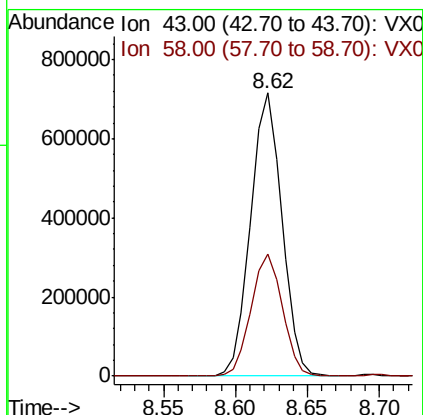
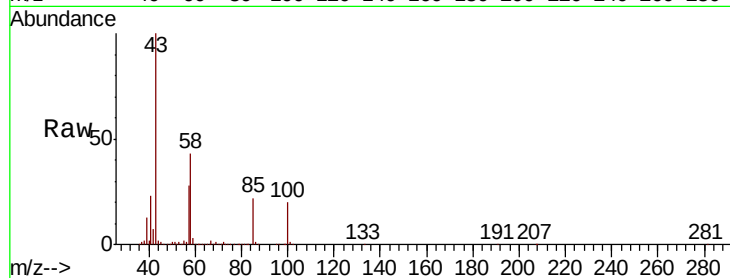




#51
 4-Methyl-2-Pentanone
 Concen: 259.761 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

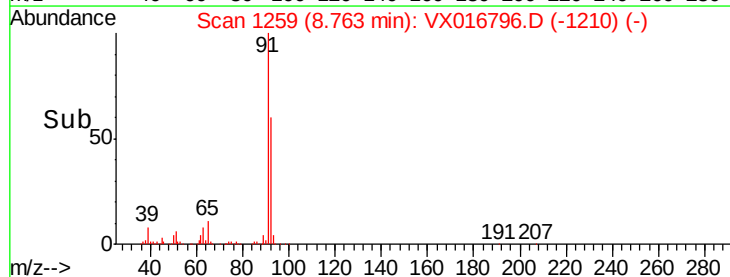
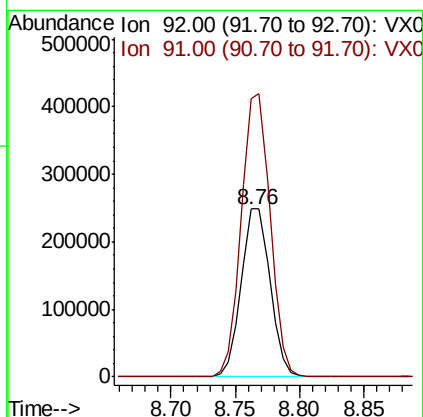
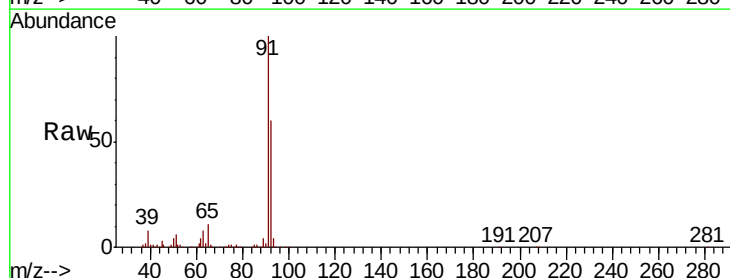
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

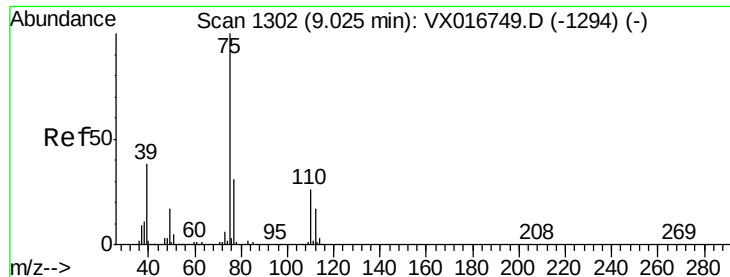
Tot Ion: 43 Resp: 1073616
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.6 52.0



#52
 Toluene
 Concen: 49.901 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion: 92 Resp: 385658
 Ion Ratio Lower Upper
 92 100
 91 168.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 48.036 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

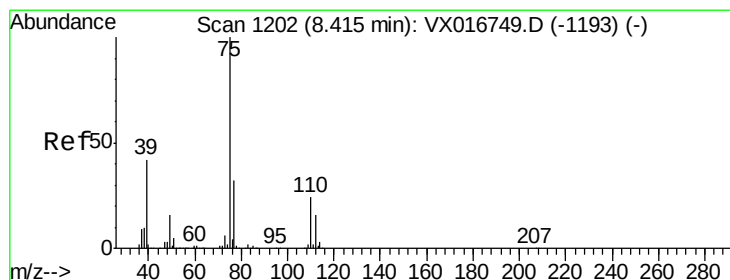
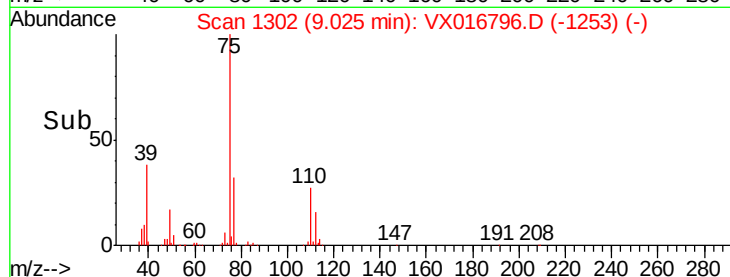
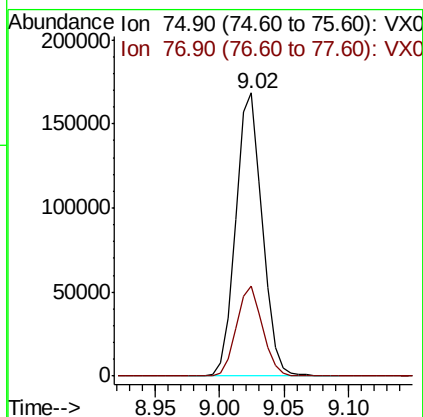
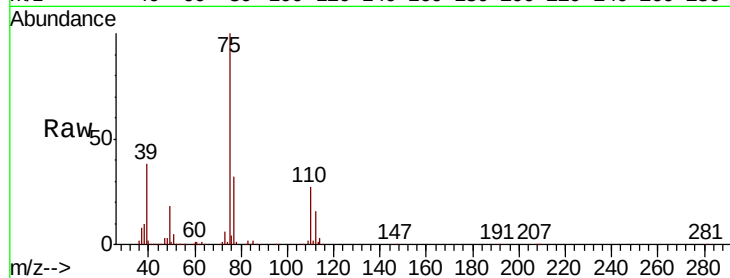
VSTDCCC050

Tot Ion: 75 Resp: 240454

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 48.631 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

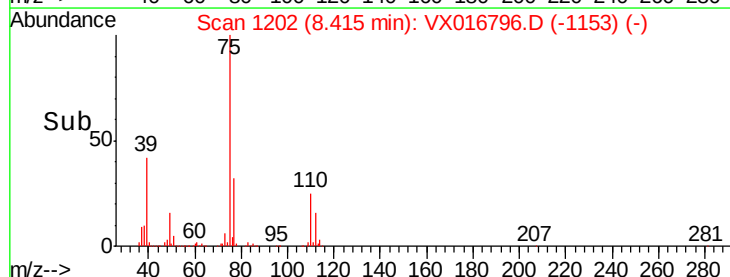
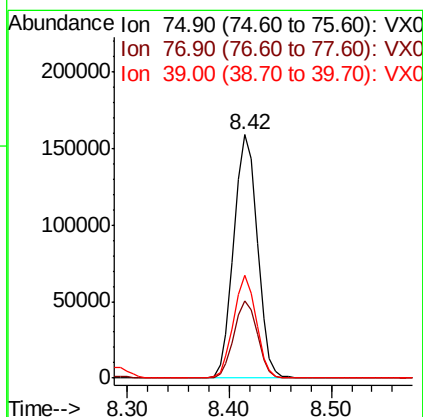
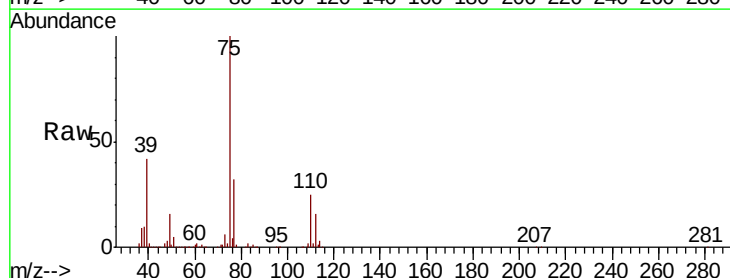
Tgt Ion: 75 Resp: 253922

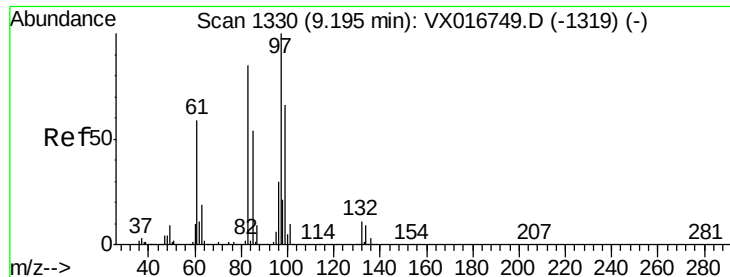
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 42.2 33.7 50.5

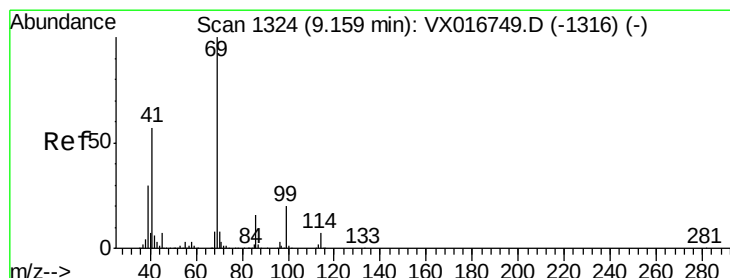
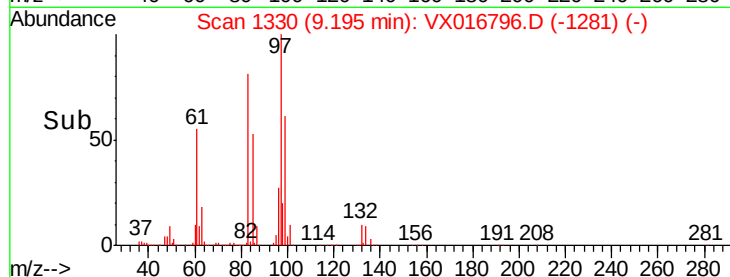
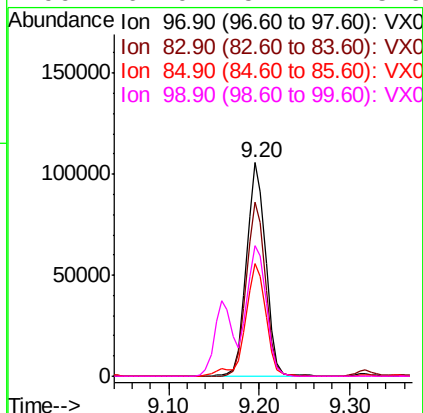
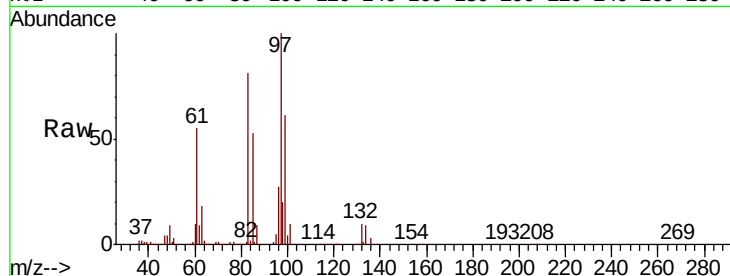




#55
 1,1,2-Trichloroethane
 Concen: 49.955 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

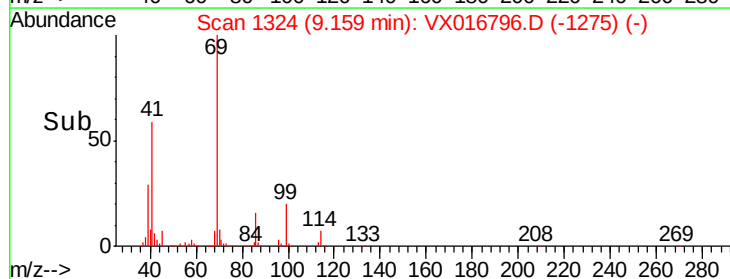
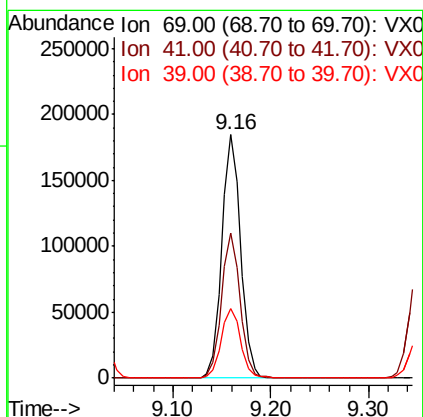
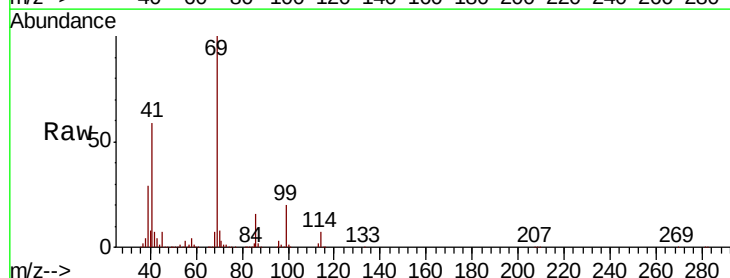
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

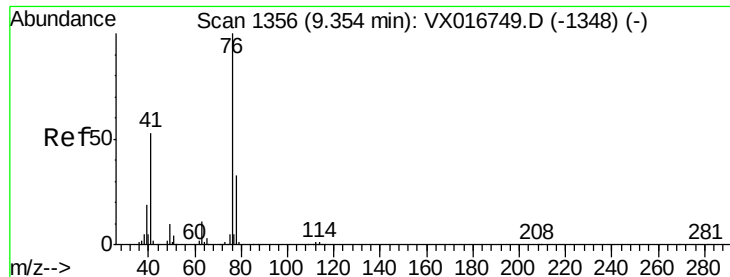
Tot Ion:	97	Resp:	155264
Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.3	102.5
85	52.5	43.5	65.3
99	61.0	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 52.963 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion:	69	Resp:	246463
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.1	70.7
39	29.7	25.0	37.6





#57

1,3-Dichloropropane

Concen: 49.407 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

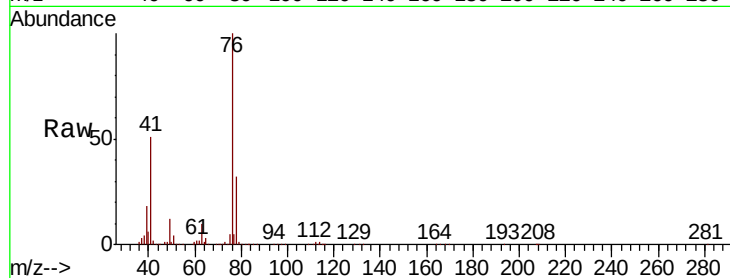
VSTDCCC050

Tot Ion: 76 Resp: 258135

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

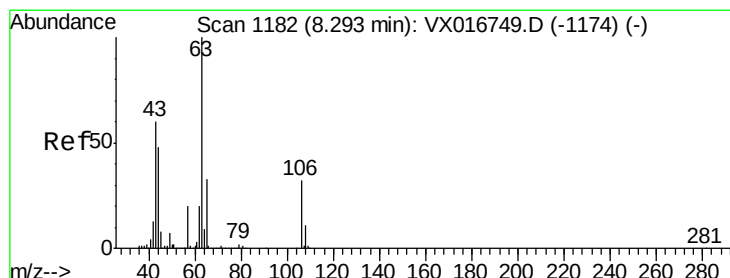
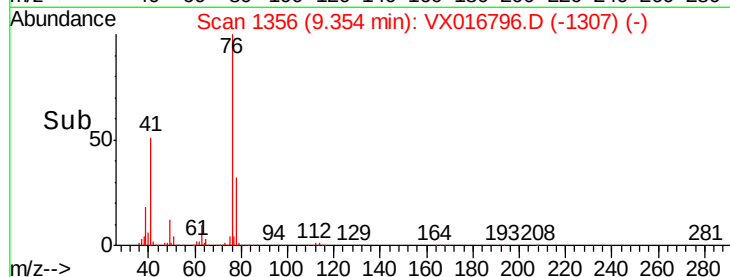
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 270.428 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016796.D

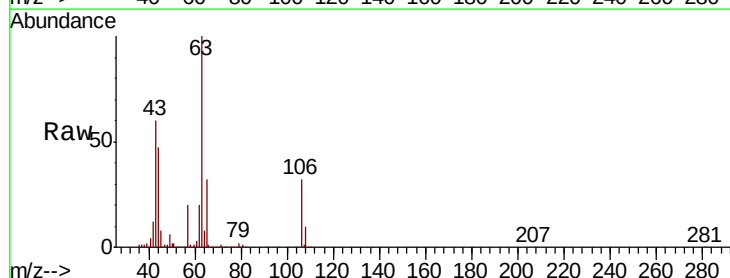
Acq: 16 Jun 2020 22:40

Tgt Ion: 63 Resp: 618760

Ion Ratio Lower Upper

63 100

106 31.8 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

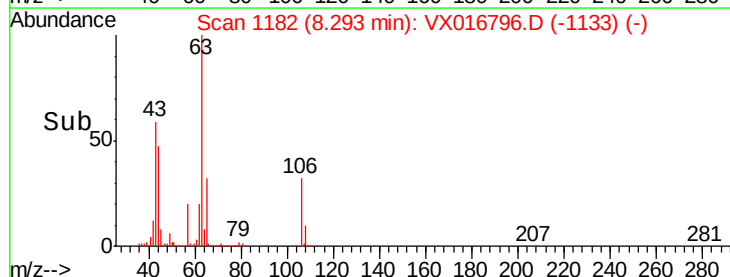
200000

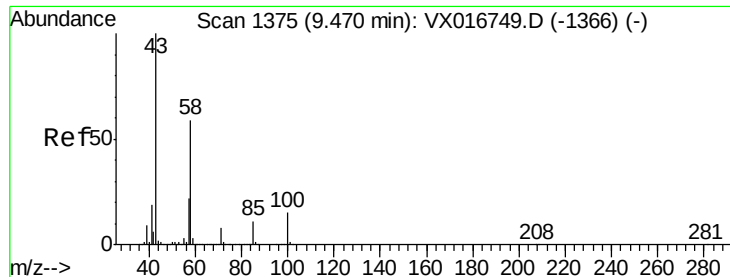
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

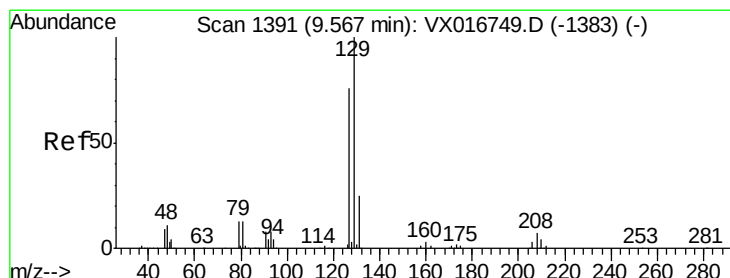
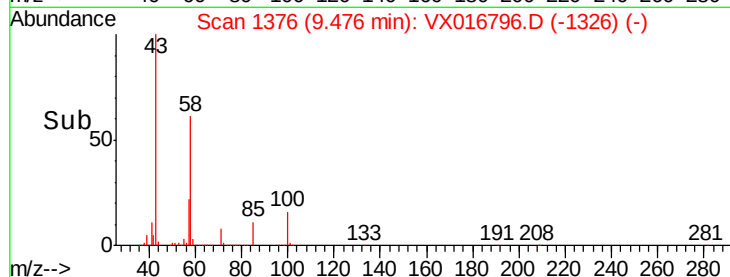
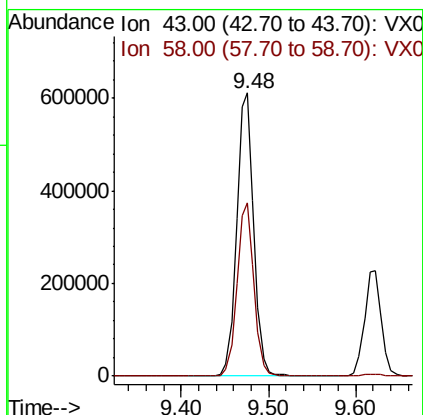
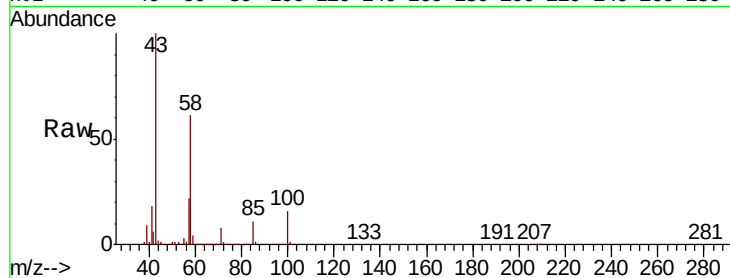




#59
2-Hexanone
Concen: 260.106 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

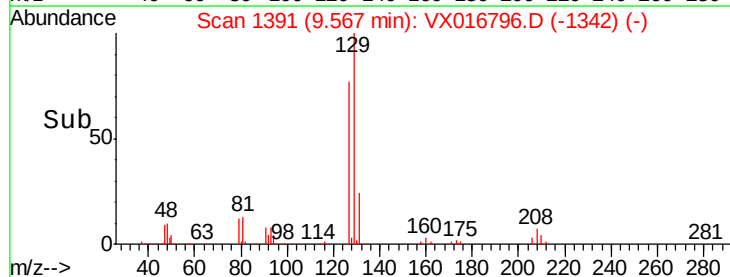
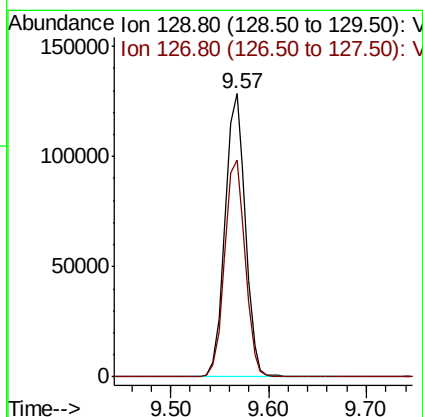
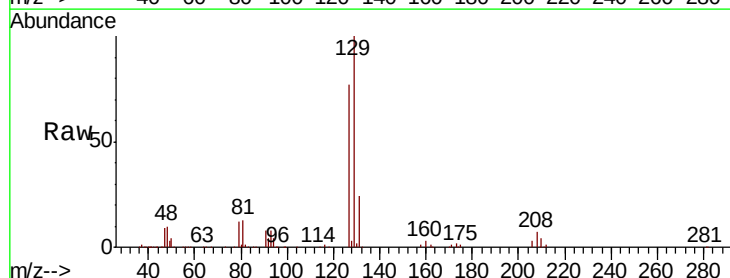
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

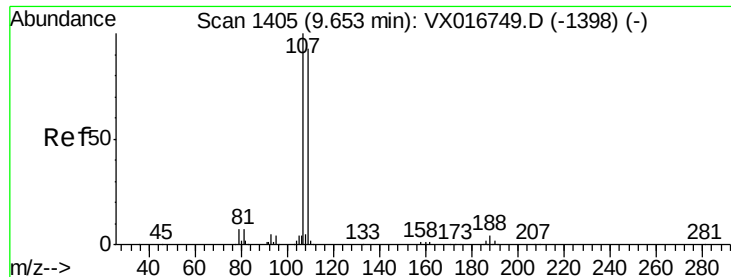
Tot Ion: 43 Resp: 829894
Ion Ratio Lower Upper
43 100
58 60.9 29.9 89.8



#60
Dibromochloromethane
Concen: 50.385 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 129 Resp: 185079
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.030 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampled :

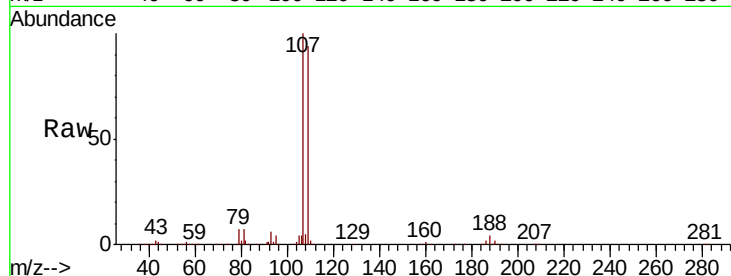
VSTDCCC050

Tot Ion: 107 Resp: 169467

Ion Ratio Lower Upper

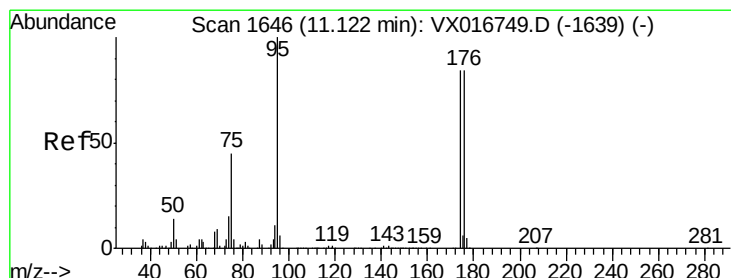
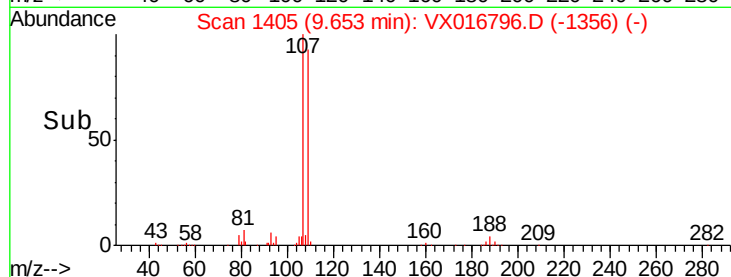
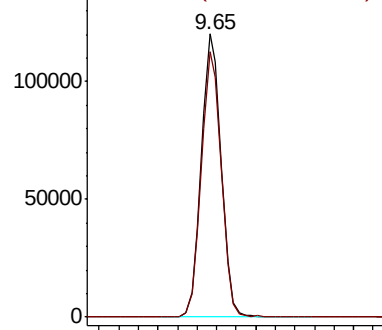
107 100

109 94.1 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.964 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

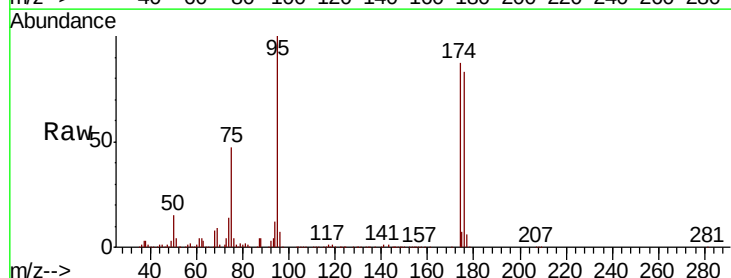
Tgt Ion: 95 Resp: 192259

Ion Ratio Lower Upper

95 100

174 87.5 0.0 171.0

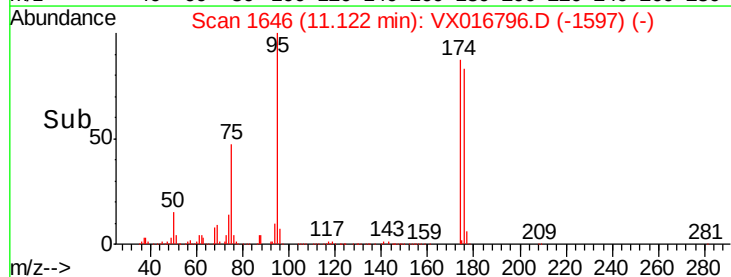
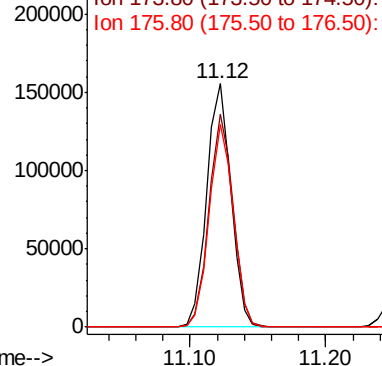
176 83.4 0.0 166.2

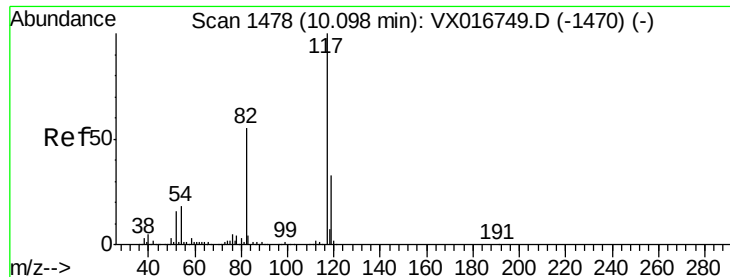


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

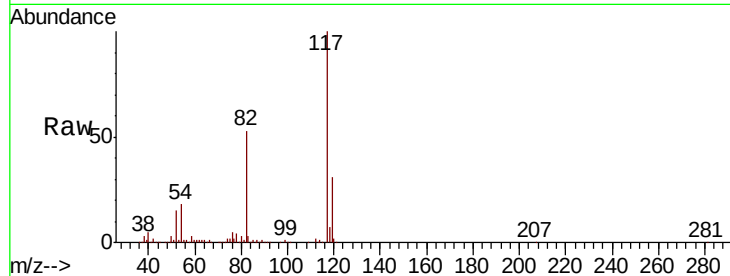




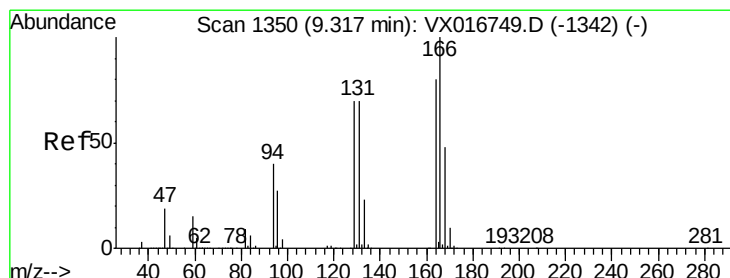
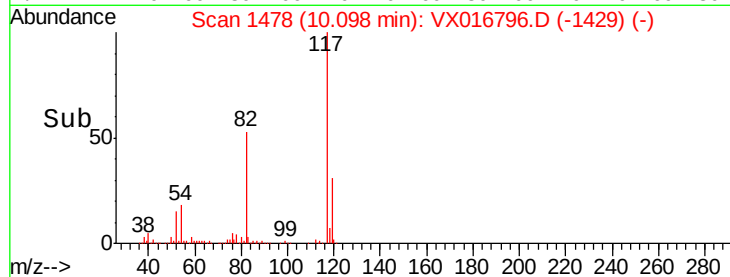
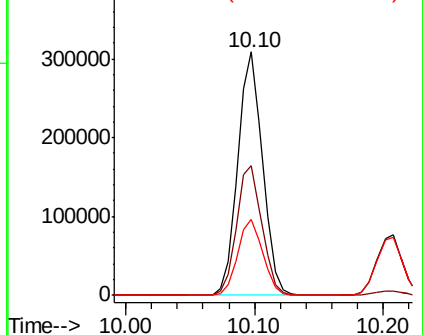
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 411213
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.6
119 31.1 26.2 39.4



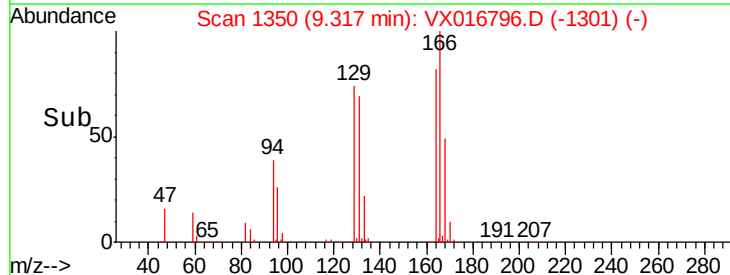
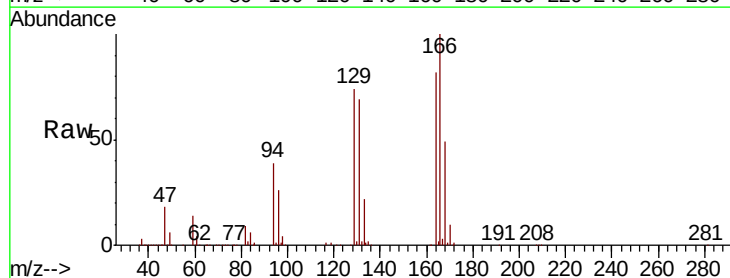
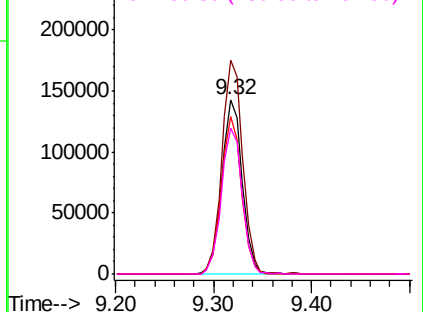
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

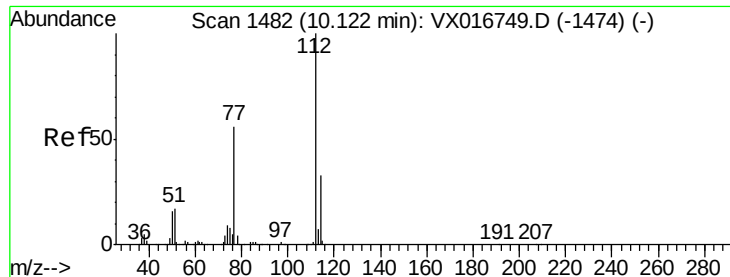


#64
Tetrachloroethene
Concen: 52.262 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion:164 Resp: 206369
Ion Ratio Lower Upper
164 100
166 122.6 100.6 150.8
129 90.2 70.1 105.1
131 84.1 70.8 106.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

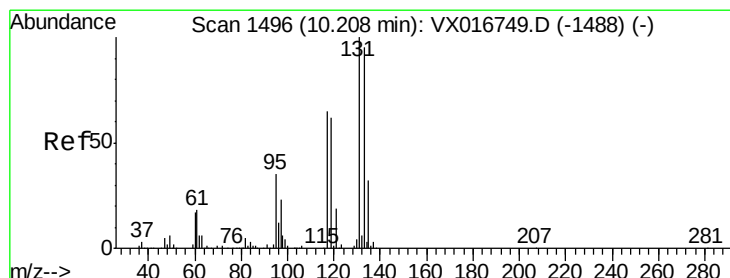
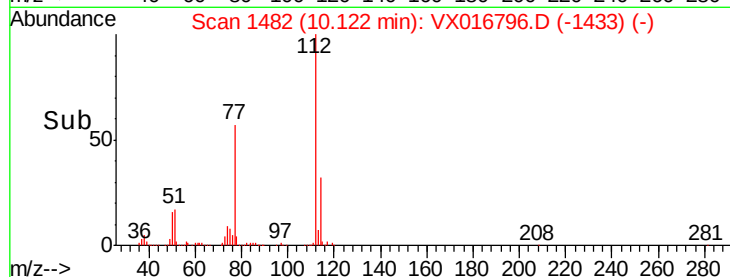
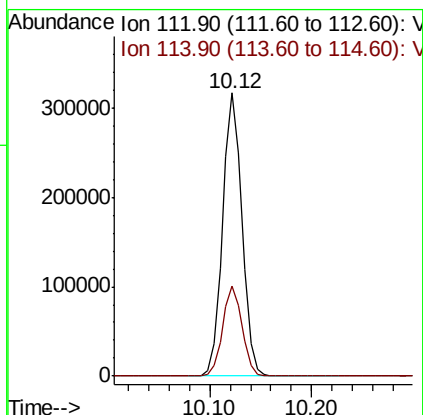
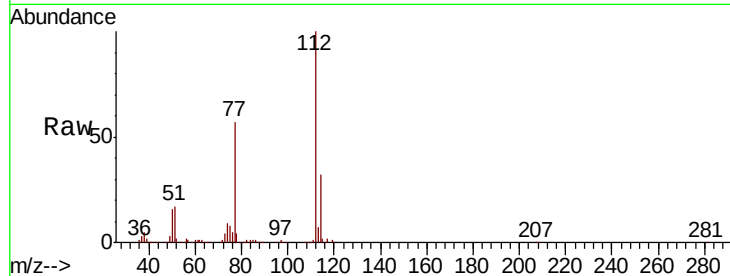




#65
Chlorobenzene
Concen: 50.230 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

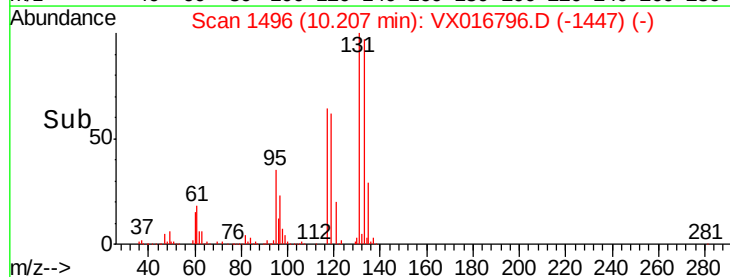
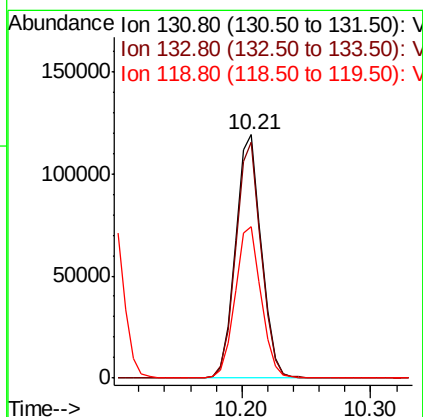
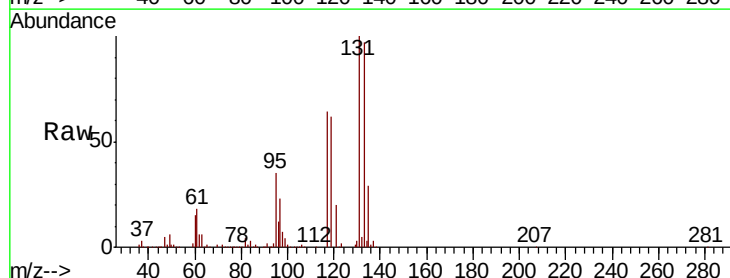
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

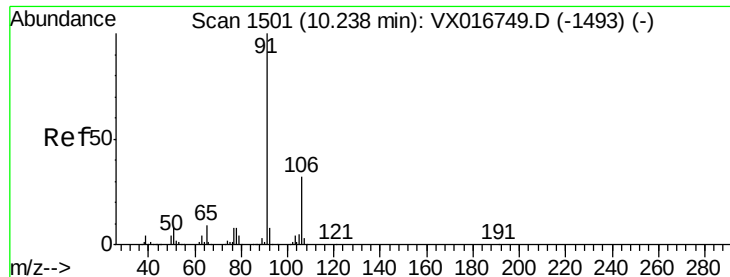
Tot Ion:112 Resp: 419115
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.758 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion:131 Resp: 165627
Ion Ratio Lower Upper
131 100
133 95.8 46.8 140.3
119 62.9 31.4 94.0





#67

Ethyl Benzene

Concen: 51.866 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

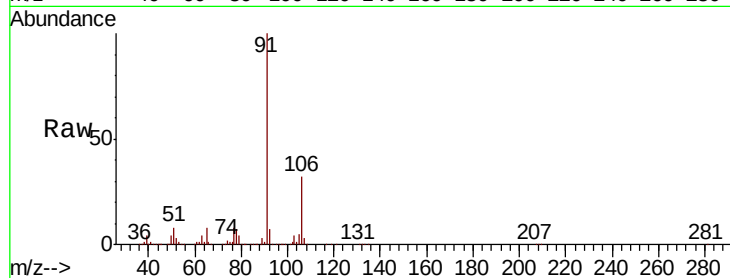
VSTDCCC050

Tot Ion: 91 Resp: 731600

Ion Ratio Lower Upper

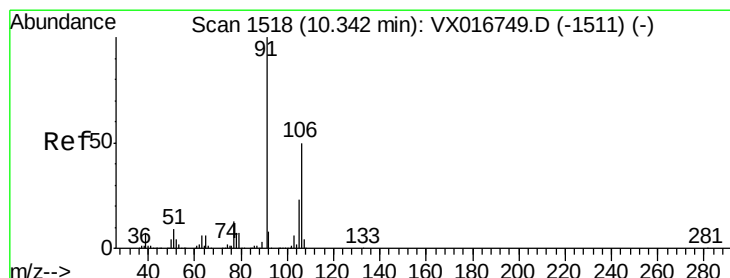
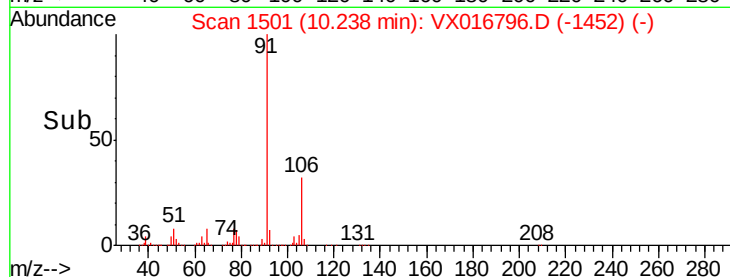
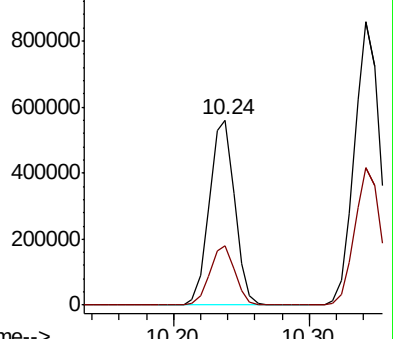
91 100

106 32.0 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX016749.D (-1493) (-)



#68

m/p-Xylenes

Concen: 103.380 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016796.D

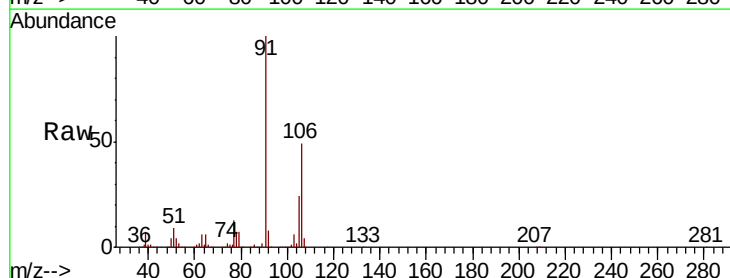
Acq: 16 Jun 2020 22:40

Tgt Ion: 106 Resp: 552902

Ion Ratio Lower Upper

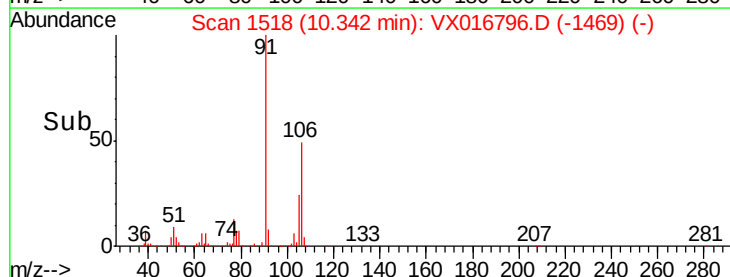
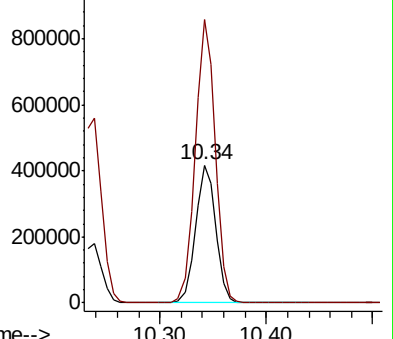
106 100

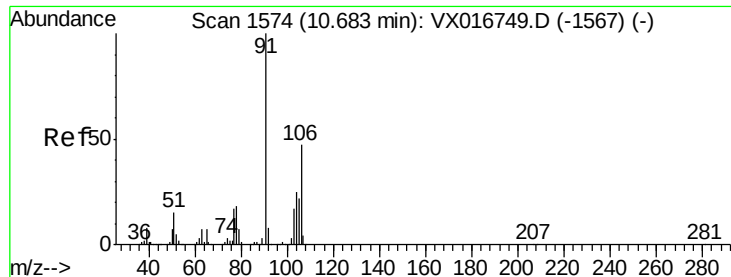
91 203.5 161.2 241.8



Abundance Ion 106.00 (105.70 to 106.70): VX016749.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016749.D (-1511) (-)

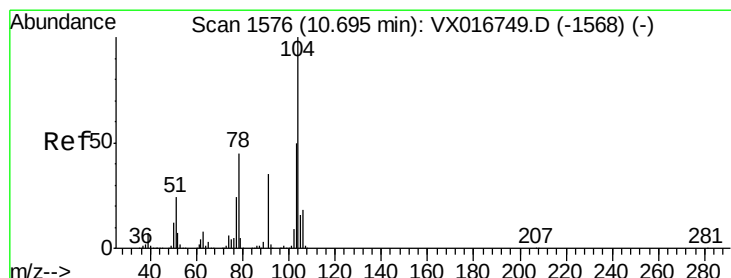
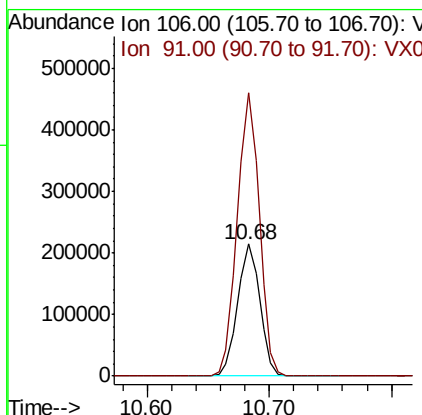
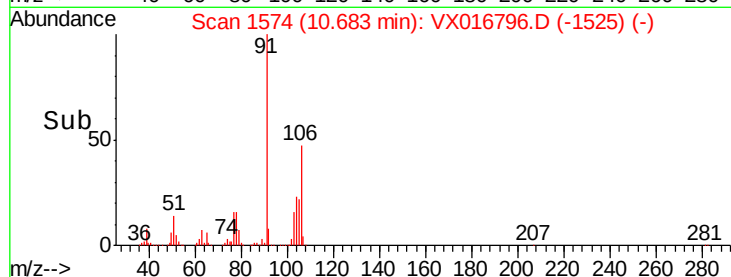
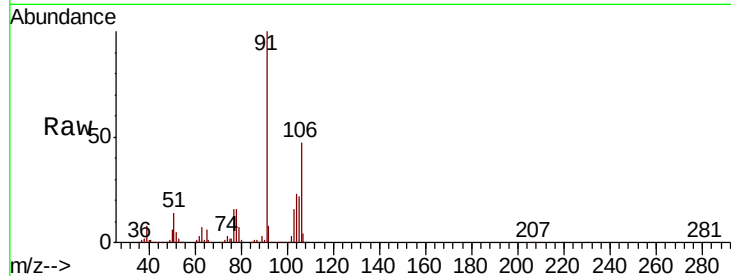




#69
o-Xylene
Concen: 52.107 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

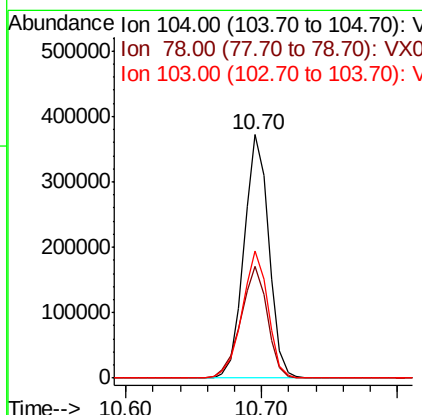
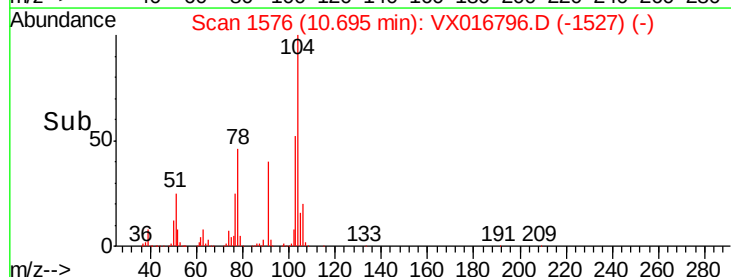
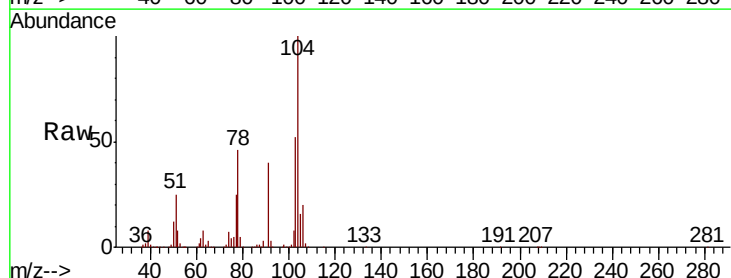
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

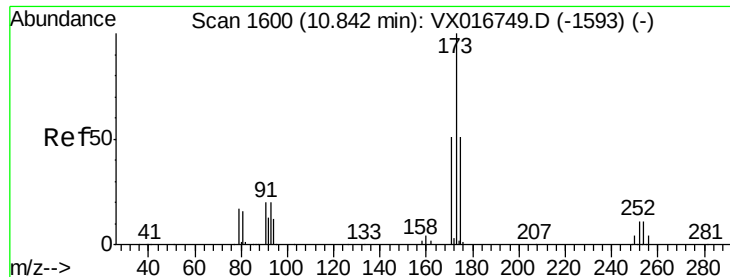
Tot Ion:106 Resp: 268476
Ion Ratio Lower Upper
106 100
91 213.9 106.9 320.8



#70
Styrene
Concen: 53.014 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion:104 Resp: 472202
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.8
103 54.7 43.4 65.2





#71

Bromoform

Concen: 52.542 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

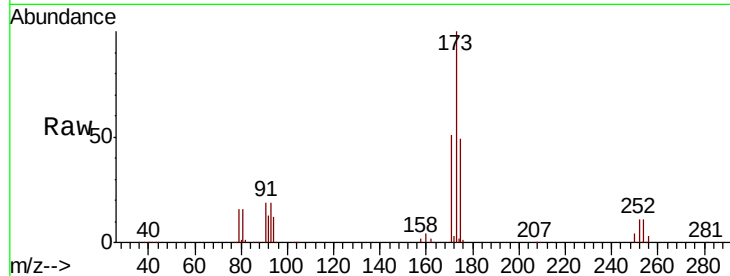
Tot Ion:173 Resp: 149222

Ion Ratio Lower Upper

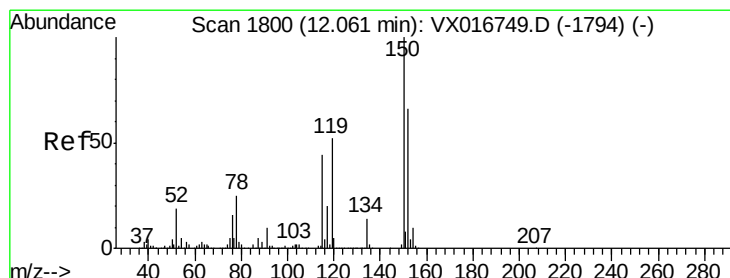
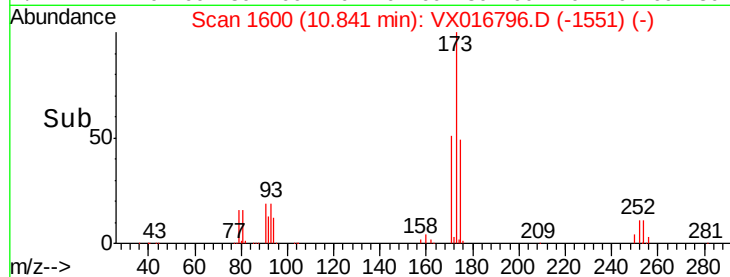
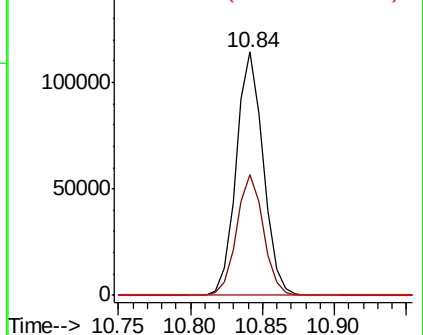
173 100

175 49.2 25.1 75.4

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

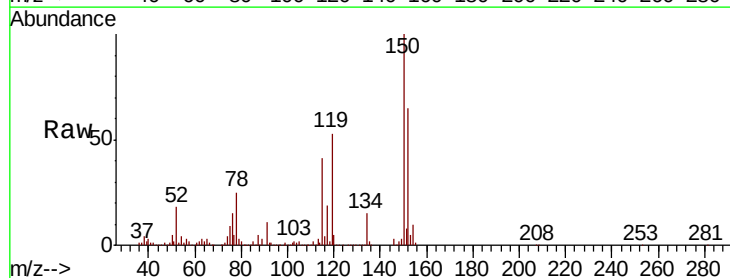
Tgt Ion:152 Resp: 211041

Ion Ratio Lower Upper

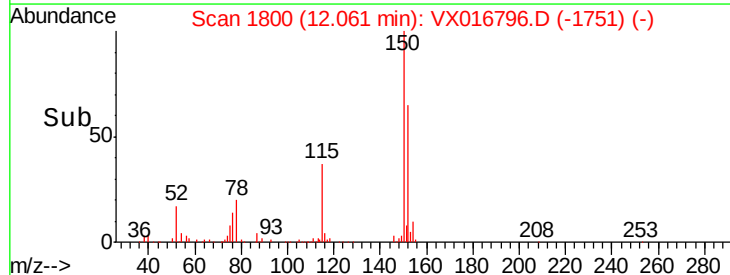
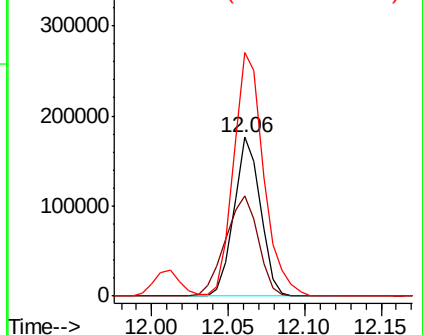
152 100

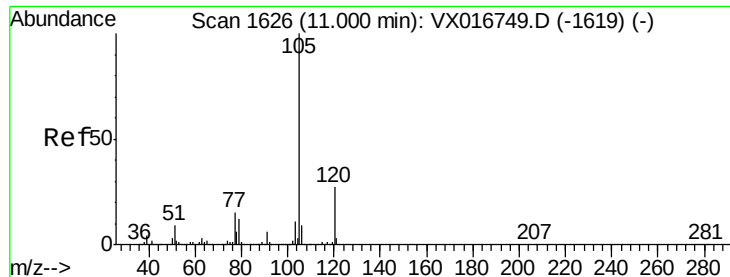
115 78.4 40.3 120.8

150 174.1 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.710 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

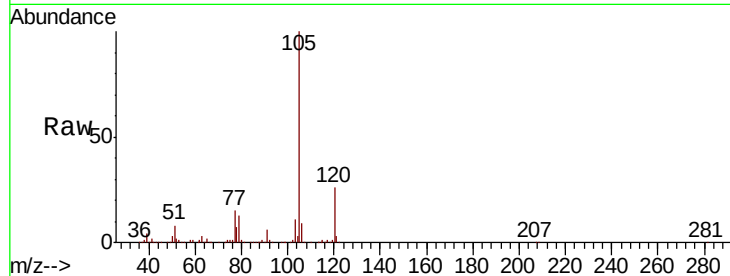
VSTDCCC050

Tot Ion:105 Resp: 716062

Ion Ratio Lower Upper

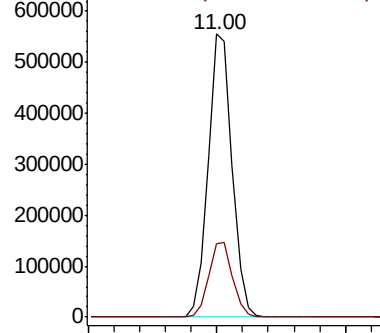
105 100

120 26.4 13.2 39.5

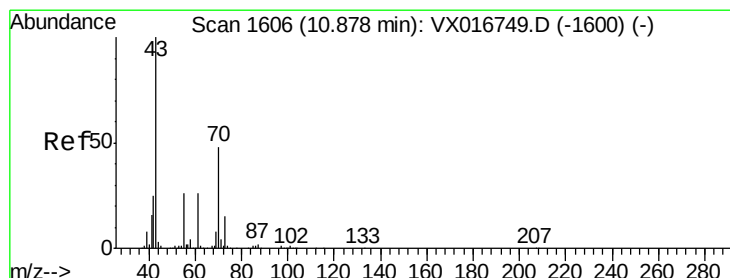
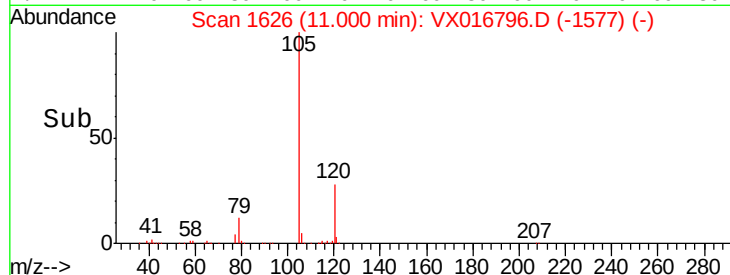


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.193 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion: 43 Resp: 291673

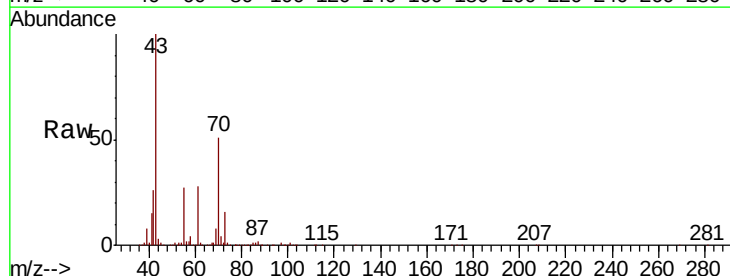
Ion Ratio Lower Upper

43 100

70 48.3 39.8 59.6

55 26.3 21.7 32.5

61 27.1 21.6 32.4

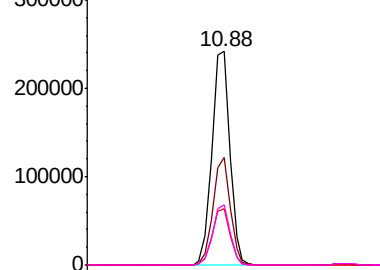


Abundance Ion 43.00 (42.70 to 43.70): VX0

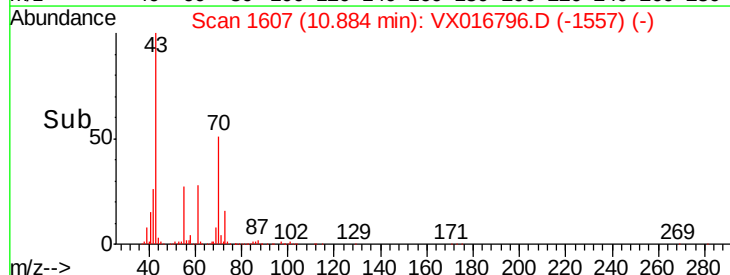
Ion 70.00 (69.70 to 70.70): VX0

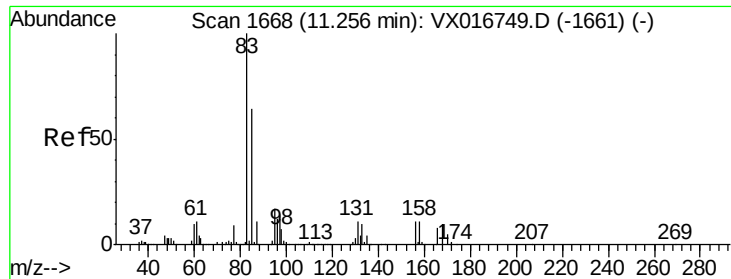
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.482 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

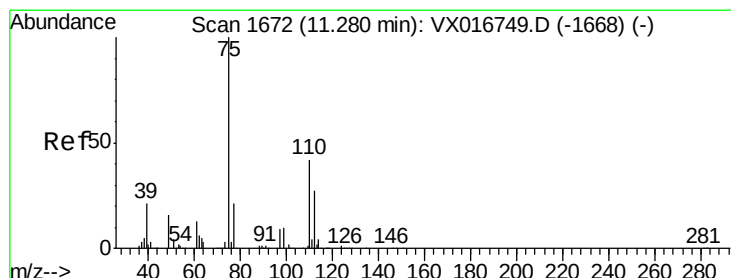
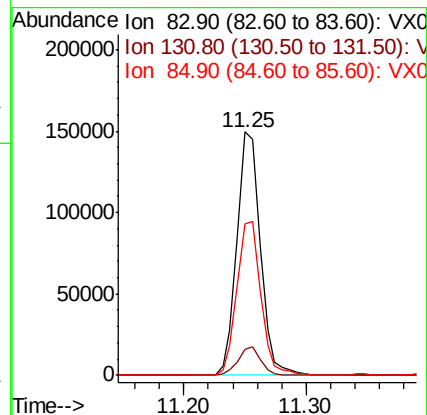
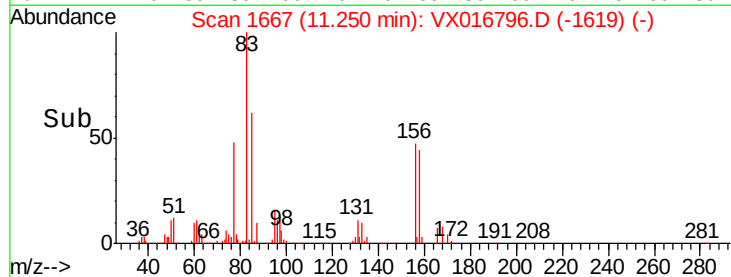
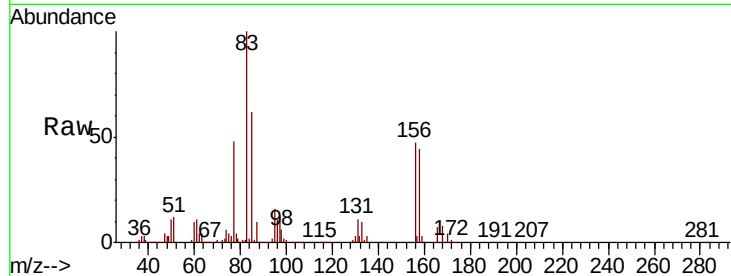
Tot Ion: 83 Resp: 197490

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

85 64.7 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 63.875 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016796.D

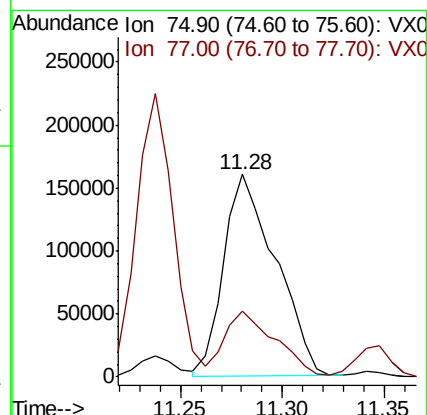
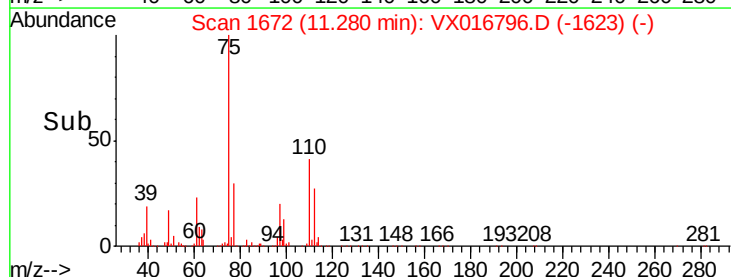
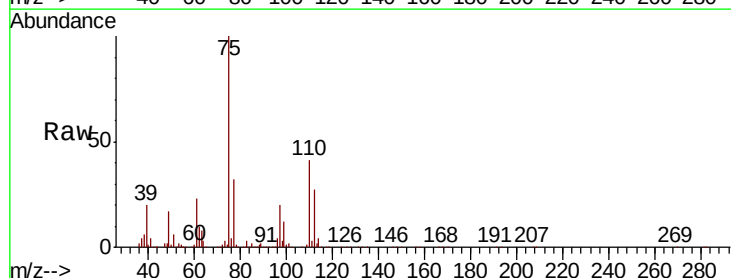
Acq: 16 Jun 2020 22:40

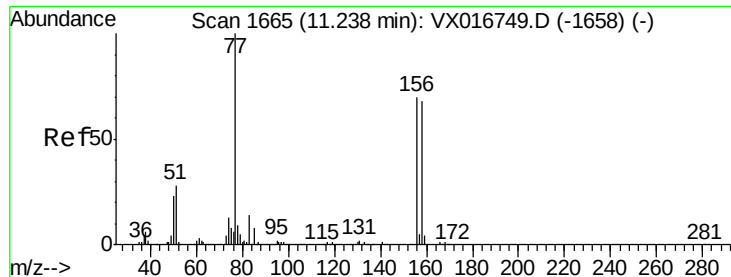
Tgt Ion: 75 Resp: 283483

Ion Ratio Lower Upper

75 100

77 32.0 20.3 60.9





#77

Bromobenzene

Concen: 49.707 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

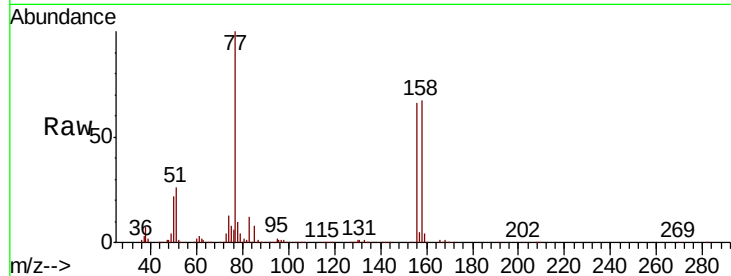
Tot Ion:156 Resp: 194352

Ion Ratio Lower Upper

156 100

77 145.2 73.2 219.6

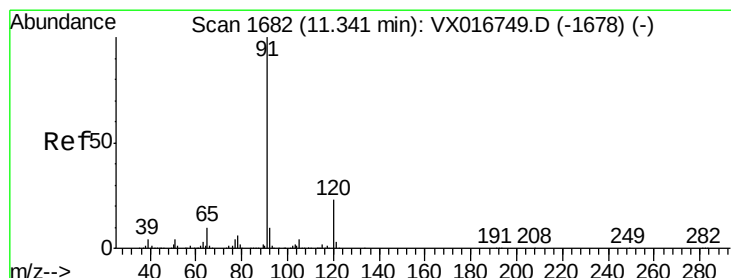
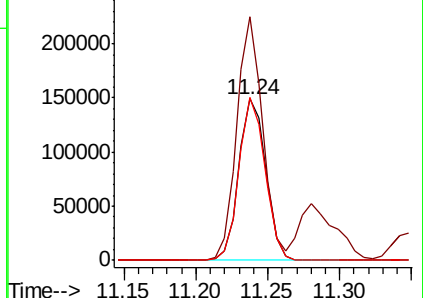
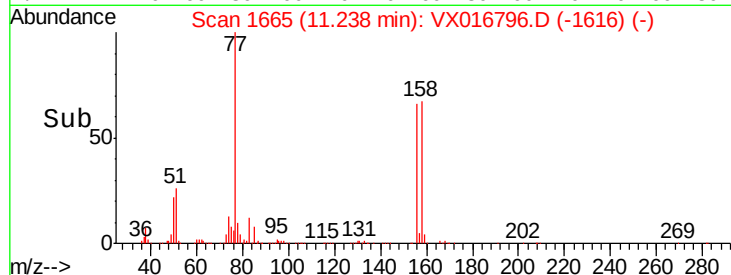
158 97.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.497 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016796.D

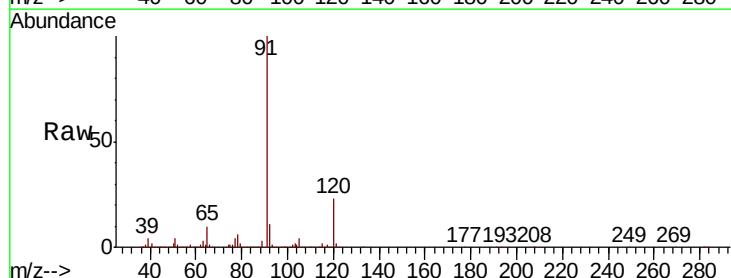
Acq: 16 Jun 2020 22:40

Tgt Ion: 91 Resp: 789469

Ion Ratio Lower Upper

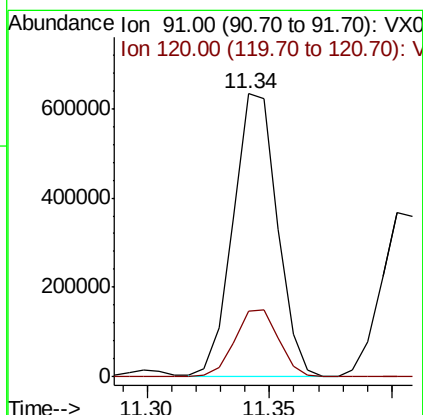
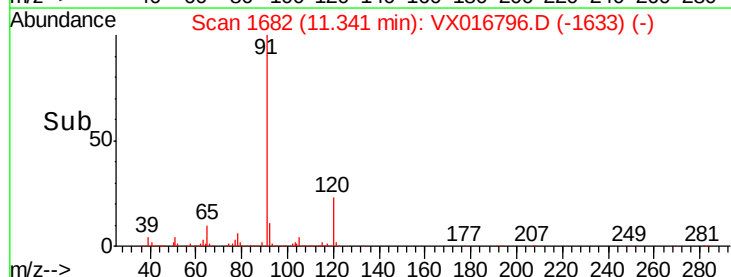
91 100

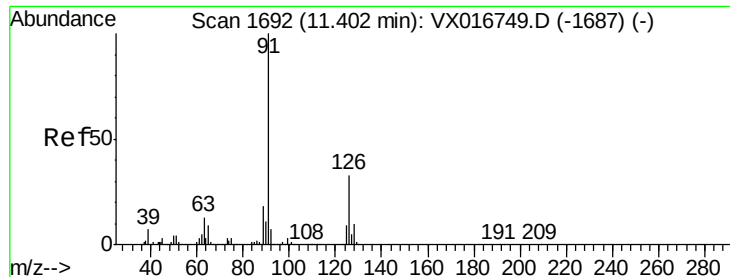
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.452 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

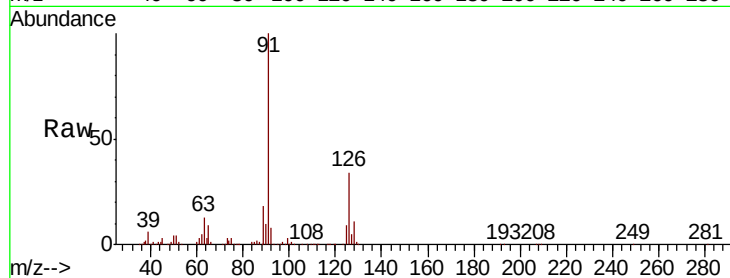
VSTDCCC050

Tot Ion: 91 Resp: 479782

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)

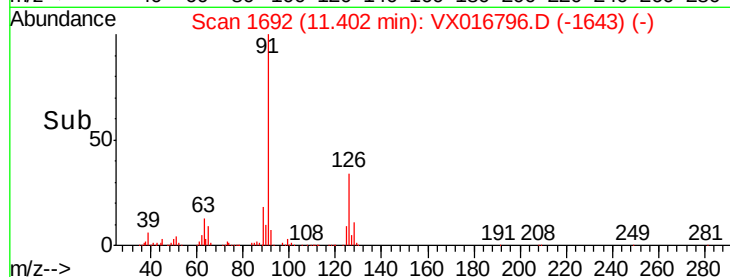
600000

400000

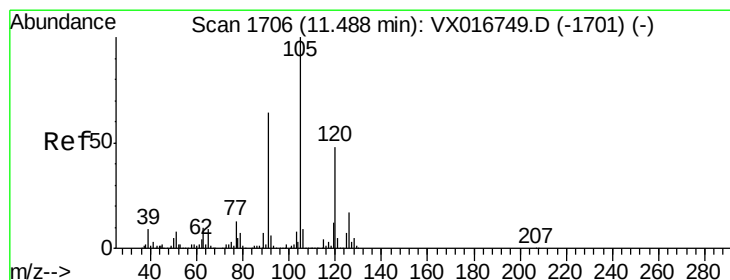
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.592 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016796.D

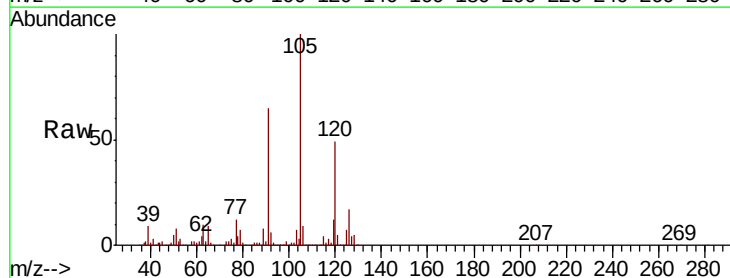
Acq: 16 Jun 2020 22:40

Tgt Ion: 105 Resp: 610496

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)

500000

400000

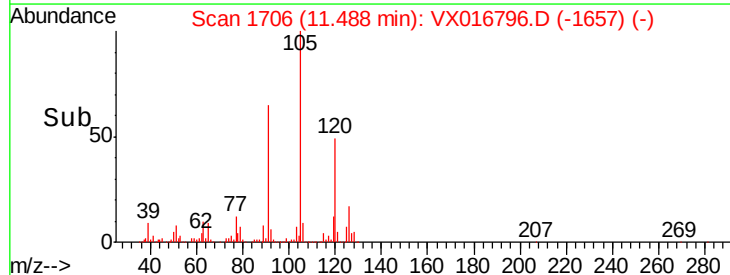
300000

200000

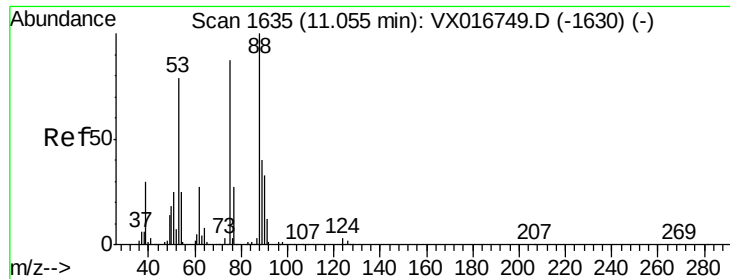
100000

0

11.40 11.45 11.50 11.55



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 47.478 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

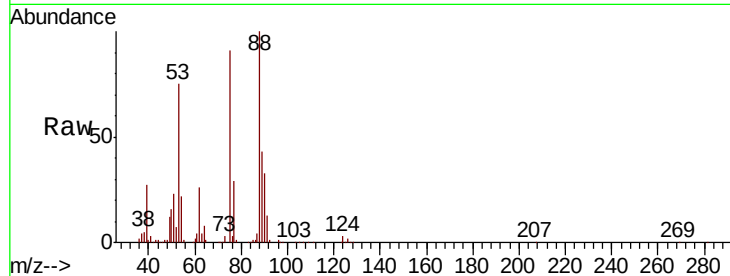
Tot Ion: 75 Resp: 83700

Ion Ratio Lower Upper

75 100

53 83.9 71.4 107.0

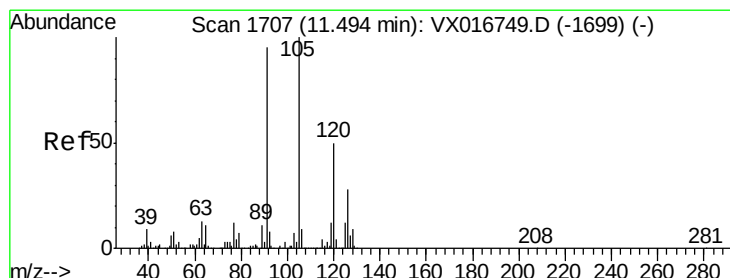
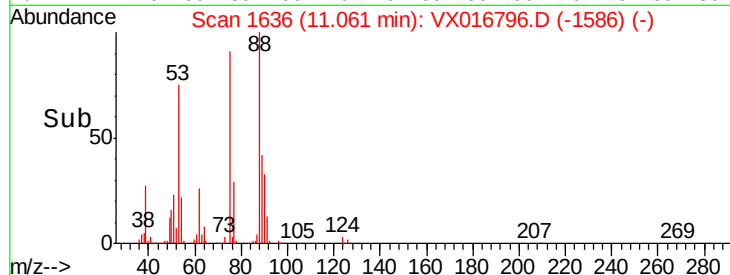
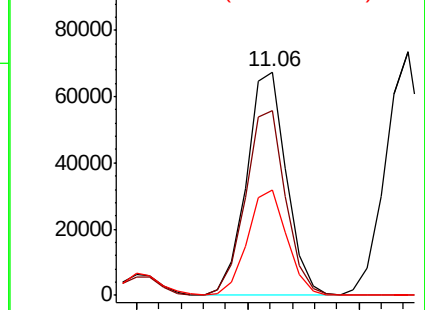
89 47.0 39.1 58.7



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: 51.065 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016796.D

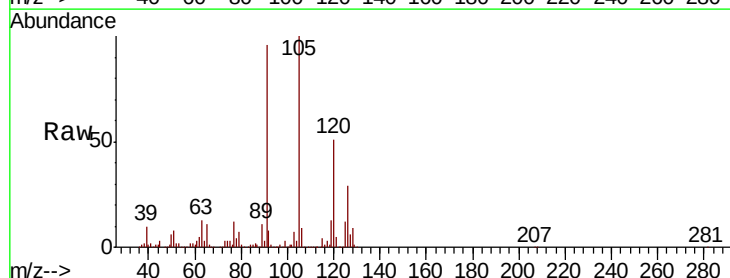
Acq: 16 Jun 2020 22:40

Tgt Ion: 91 Resp: 568403

Ion Ratio Lower Upper

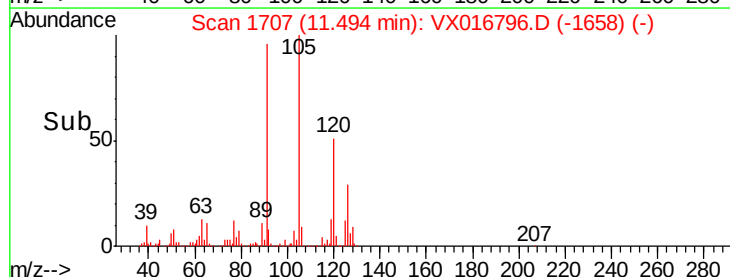
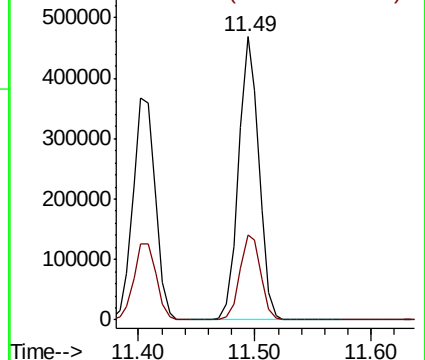
91 100

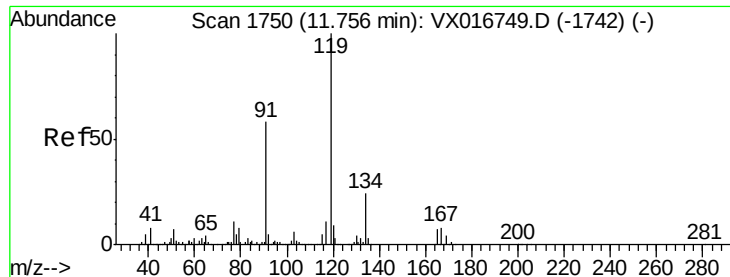
126 30.9 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

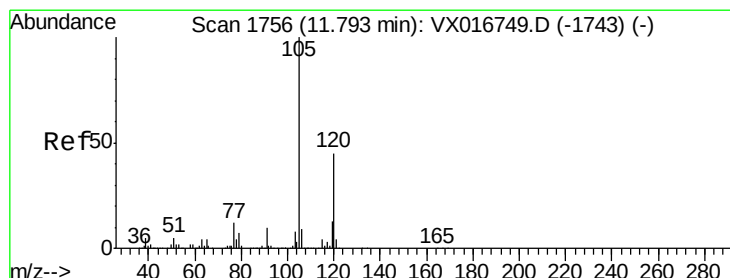
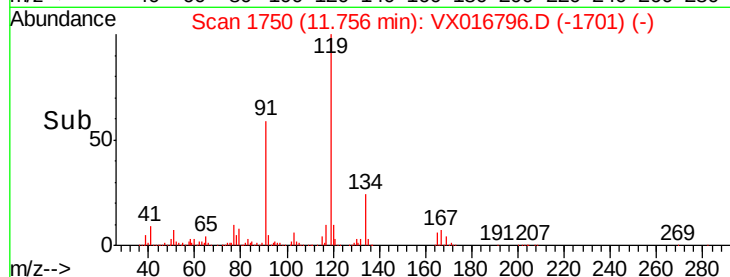
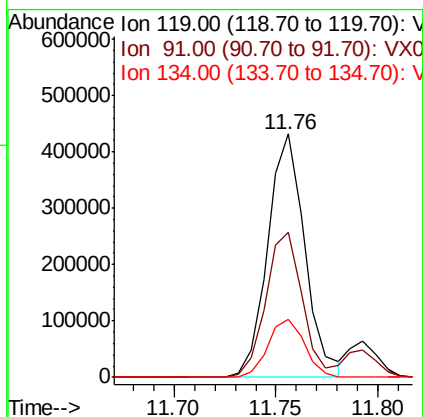
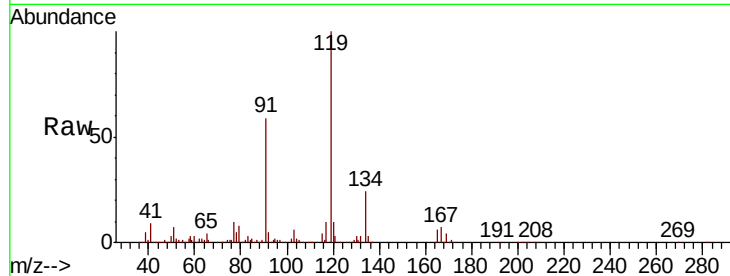




#83
 tert-Butylbenzene
 Concen: 51.613 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

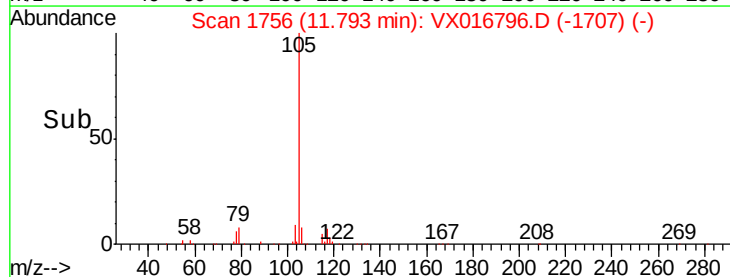
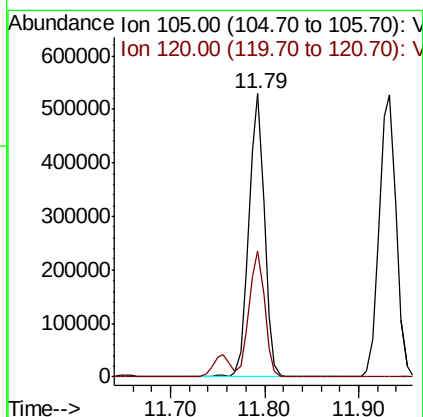
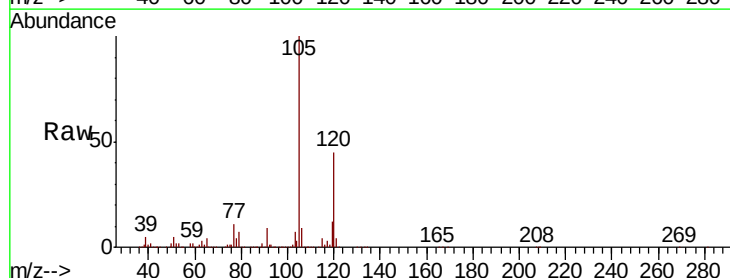
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

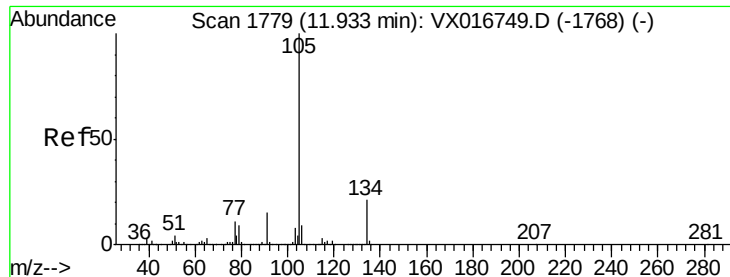
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.3	88.0
134	23.6	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.089 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 52.822 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

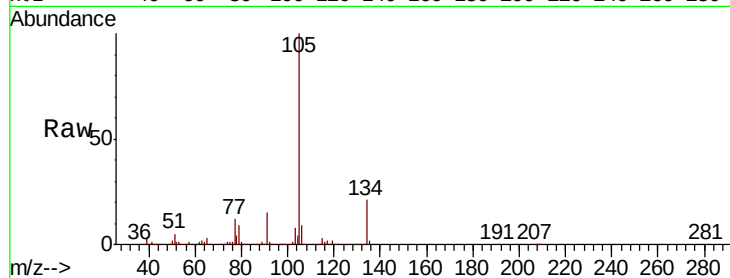
VSTDCCC050

Tot Ion:105 Resp: 656287

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

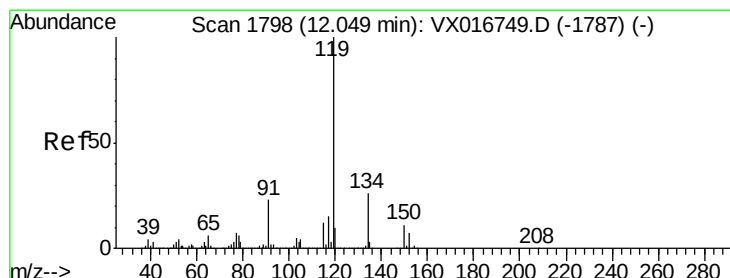
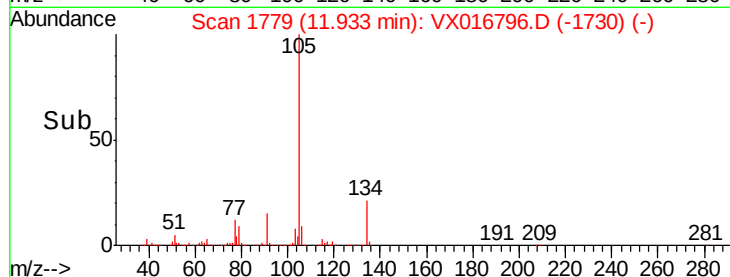
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.839 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

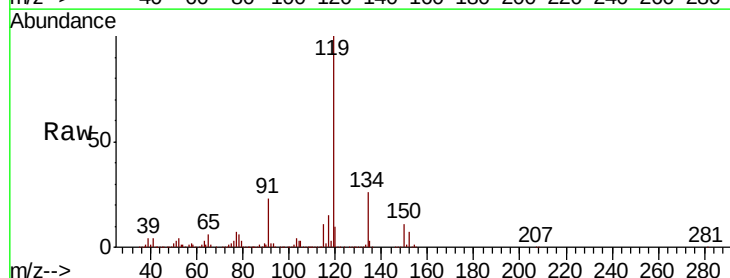
Tgt Ion:119 Resp: 641829

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 22.6 11.6 34.7



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

12.05

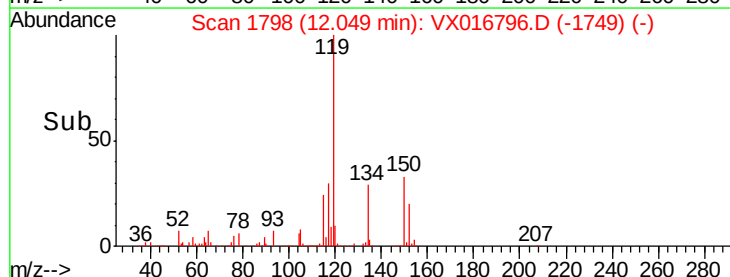
600000

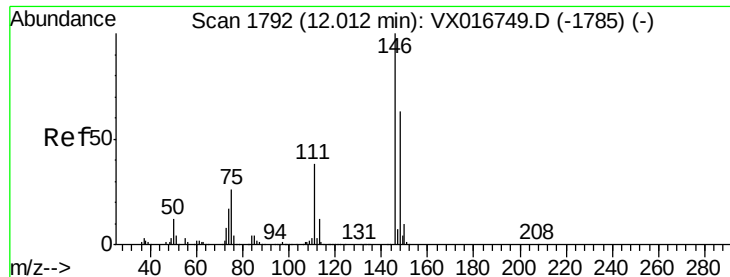
400000

200000

0

Time-->

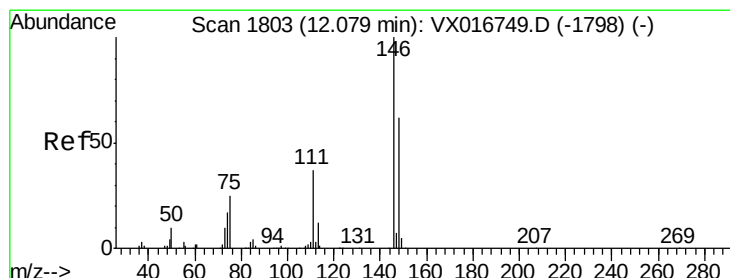
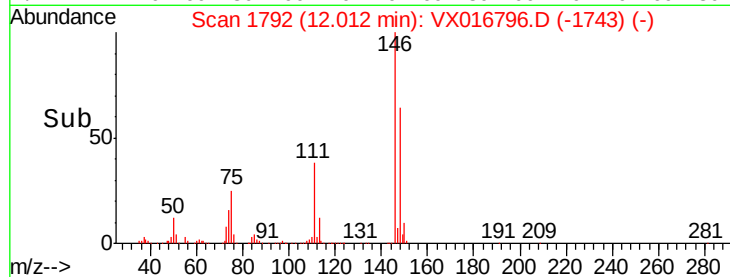
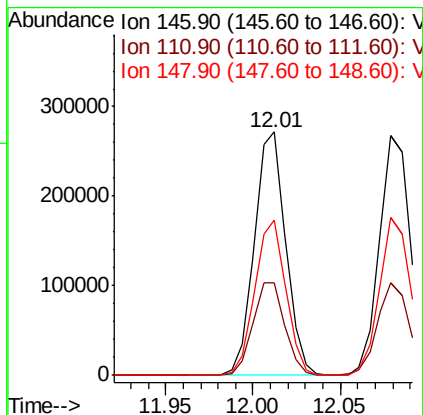
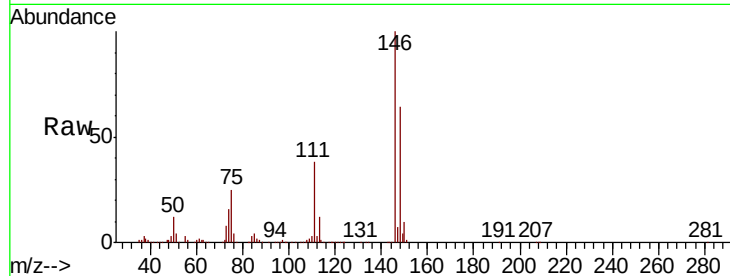




#87
 1,3-Dichlorobenzene
 Concen: 51.180 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

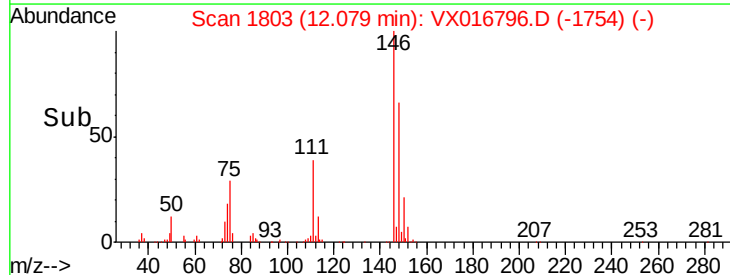
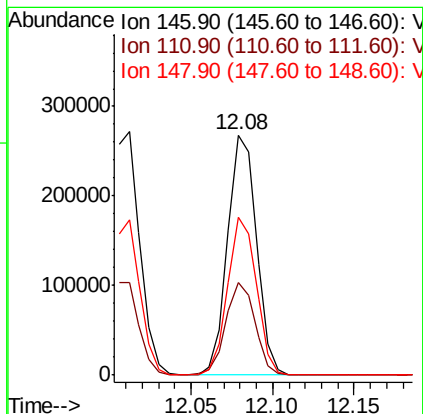
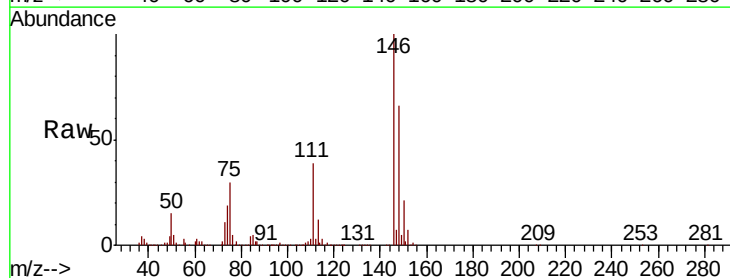
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

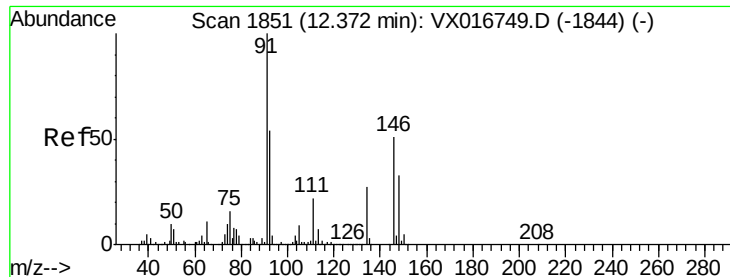
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.283 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	65.4	32.1	96.5





#89

n-Butylbenzene

Concen: 52.818 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

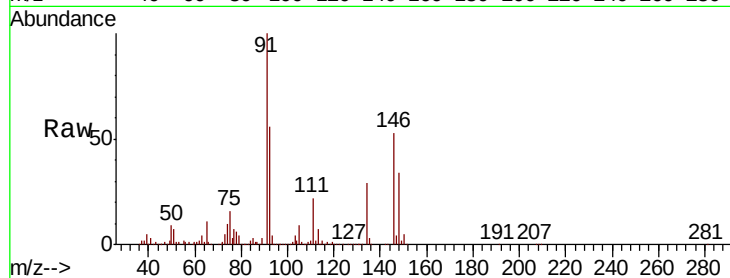
Tot Ion: 91 Resp: 519785

Ion Ratio Lower Upper

91 100

92 55.8 27.0 80.8

134 28.3 13.7 41.0

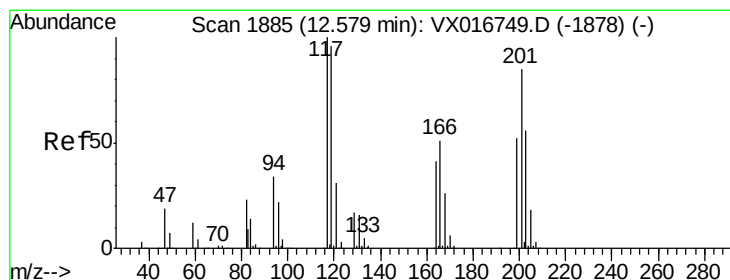
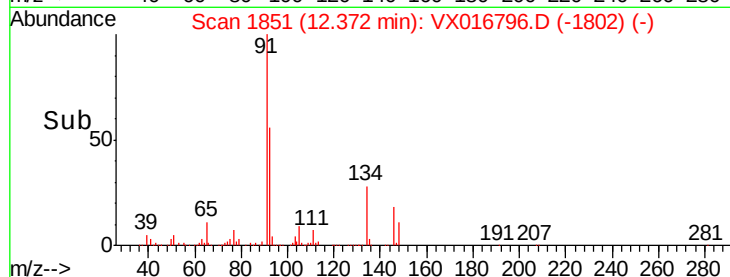
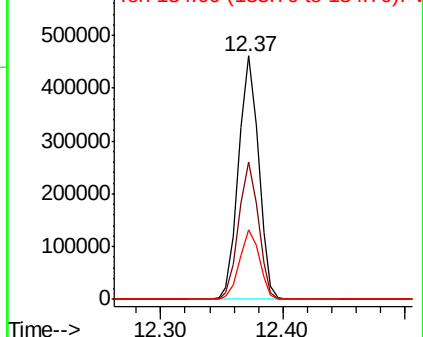


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.726 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016796.D

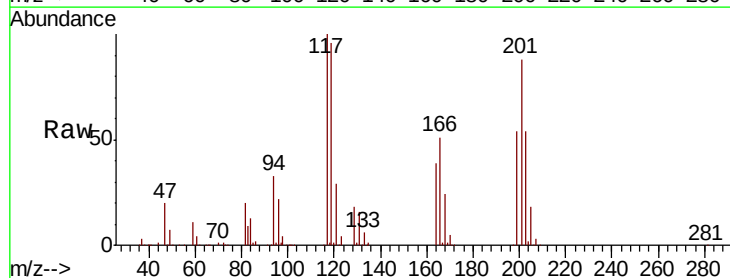
Acq: 16 Jun 2020 22:40

Tgt Ion: 117 Resp: 113711

Ion Ratio Lower Upper

117 100

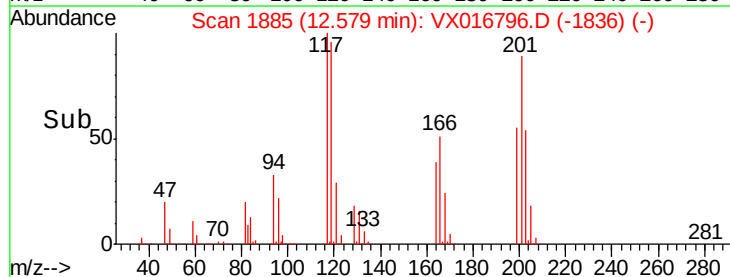
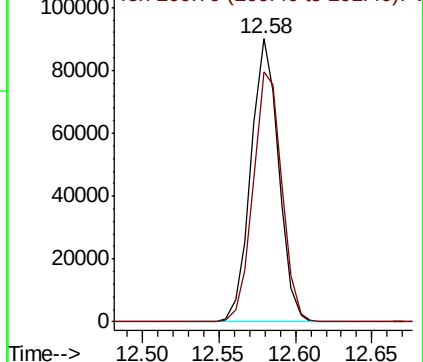
201 91.3 45.6 136.9

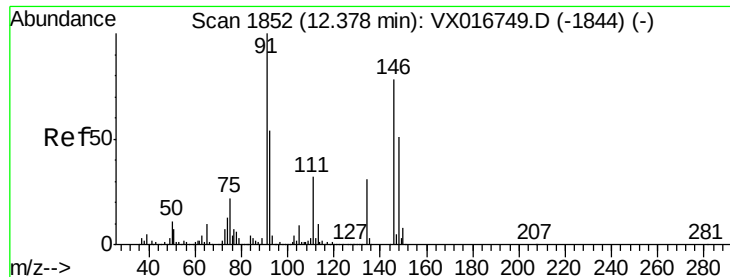


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

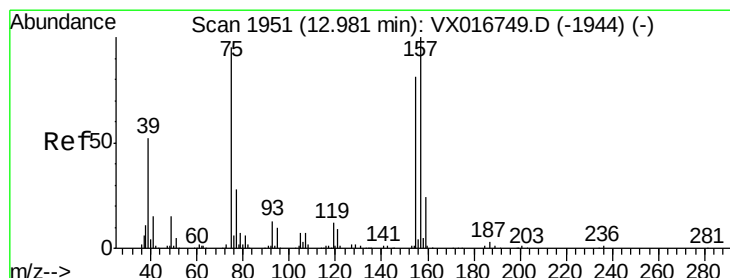
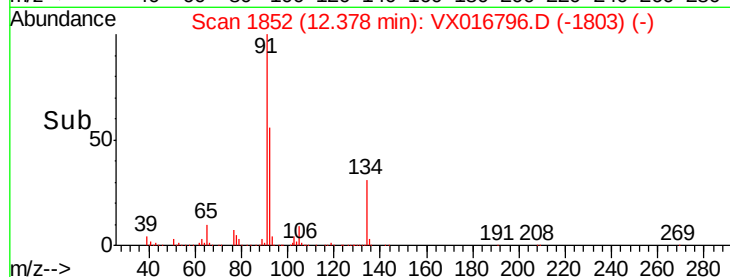
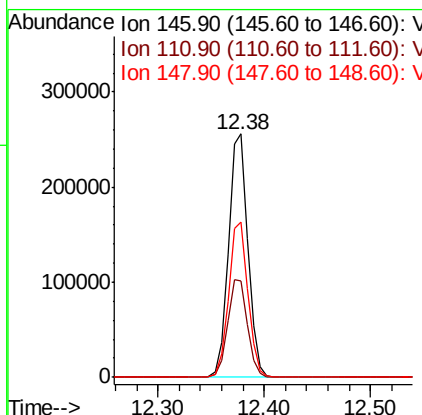
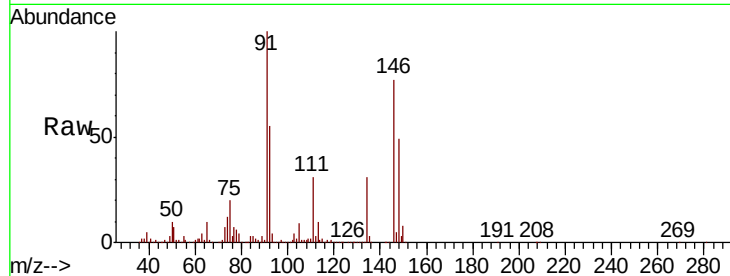




#91
 1,2-Dichlorobenzene
 Concen: 49.325 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

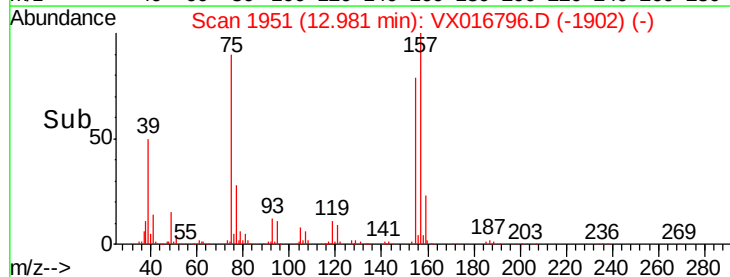
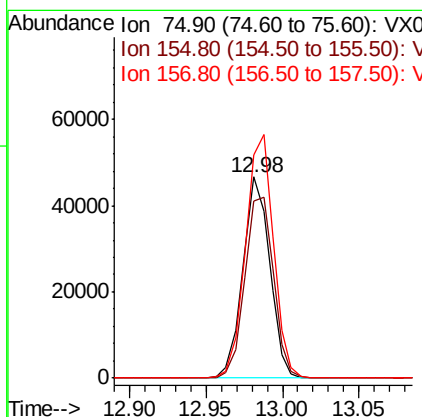
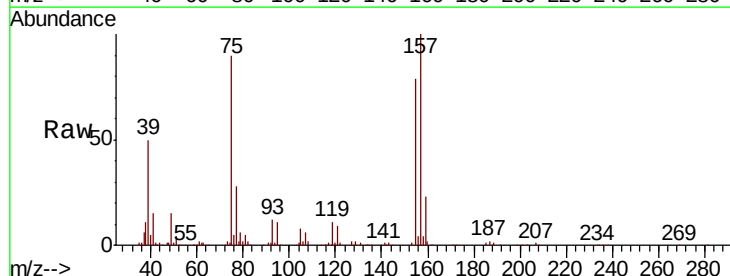
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

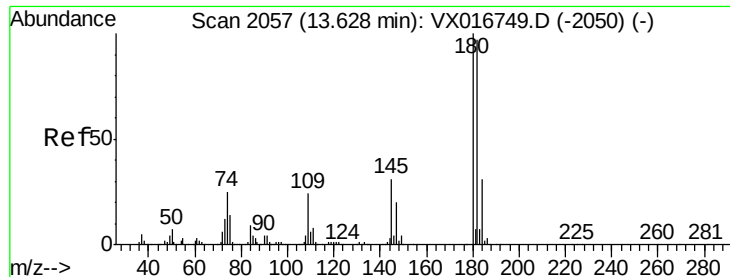
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.2
148	63.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.204 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.9	140.7
157	124.4	59.6	178.7

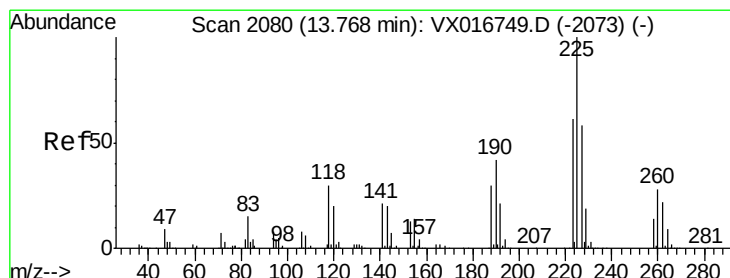
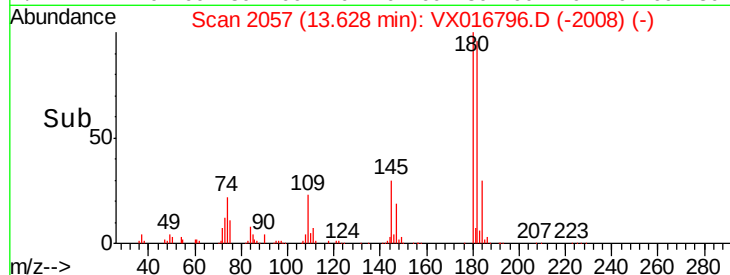
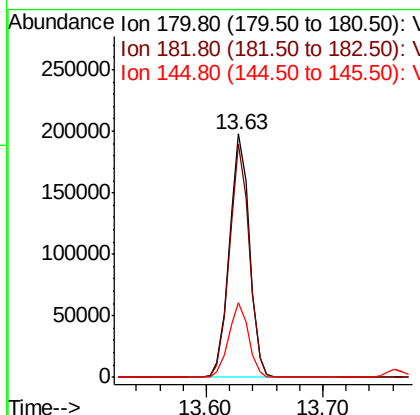
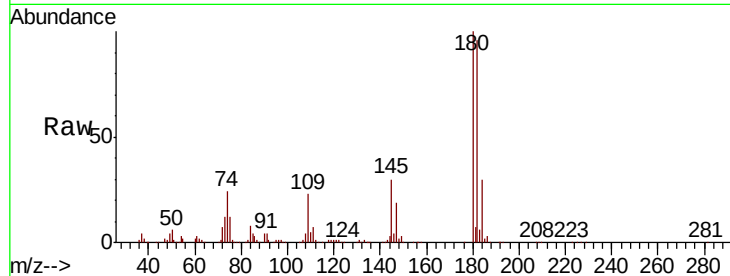




#93
 1,2,4-Trichlorobenzene
 Concen: 50.999 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

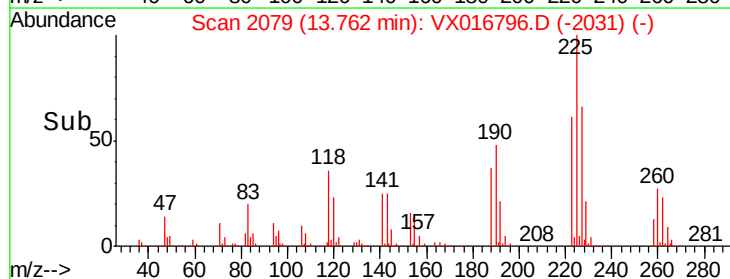
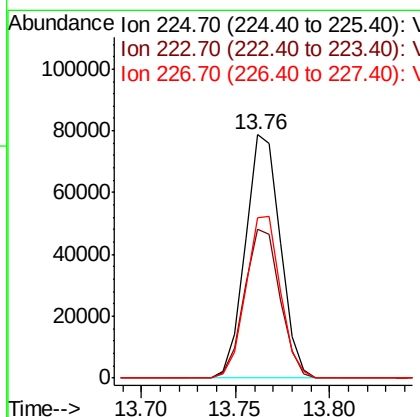
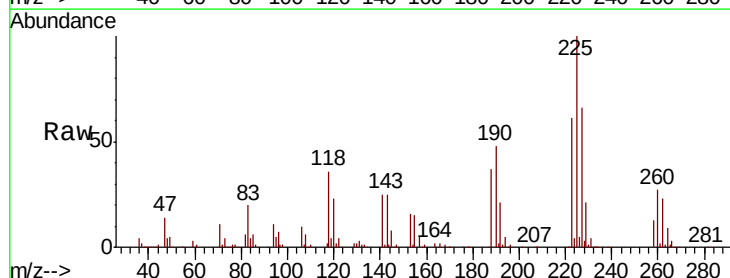
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

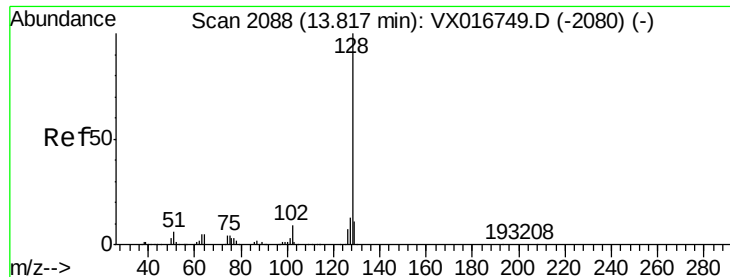
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.6	145.8
145	30.2	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 49.608 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.5
227	65.9	30.9	92.7





#95

Naphthalene

Concen: 53.214 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

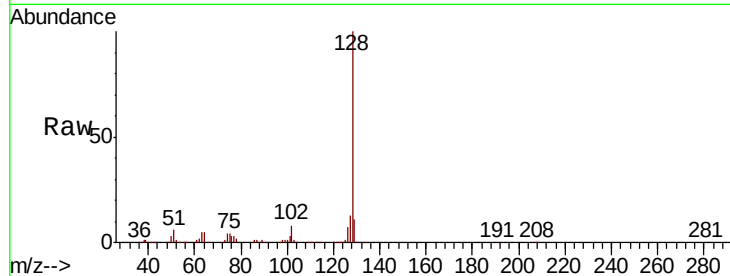
Tot Ion:128 Resp: 771728

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

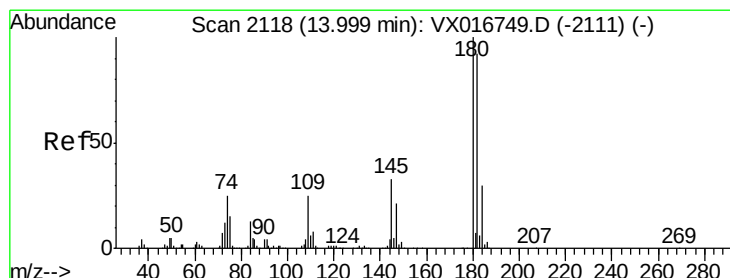
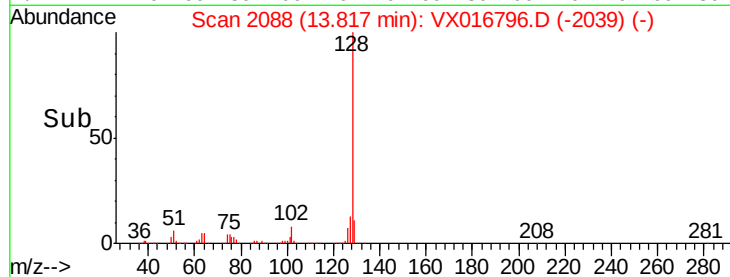
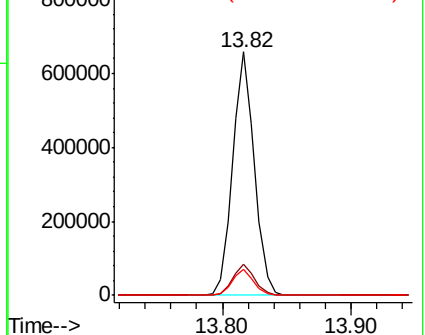
129 10.6 8.8 13.2



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: 50.736 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

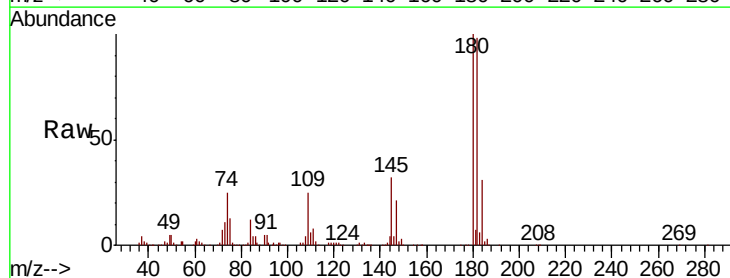
Tgt Ion:180 Resp: 231171

Ion Ratio Lower Upper

180 100

182 97.9 47.1 141.4

145 31.9 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

