

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016049.D
 Acq On : 04 May 2020 20:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 05 07:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	308948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	196877	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.47	113	151306	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	8.70	98	588871	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	227288	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	161652	49.433	ug/l	100
3) Chloromethane	1.31	50	181017	47.665	ug/l	99
4) Vinyl Chloride	1.39	62	197537	48.753	ug/l	98
5) Bromomethane	1.62	94	99273	48.599	ug/l	97
6) Chloroethane	1.70	64	124806	50.625	ug/l	97
7) Trichlorofluoromethane	1.91	101	267176	50.227	ug/l	99
8) Diethyl Ether	2.17	74	111176	49.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	153954	50.165	ug/l	100
10) Methyl Iodide	2.49	142	180588	43.808	ug/l	99
11) Tert butyl alcohol	3.02	59	252311	245.428	ug/l	100
12) 1,1-Dichloroethene	2.36	96	156627	48.770	ug/l	94
13) Acrolein	2.27	56	134473	209.031	ug/l	100
14) Allyl chloride	2.71	41	285684	48.515	ug/l	99
15) Acrylonitrile	3.12	53	515562	241.743	ug/l	100
16) Acetone	2.42	43	445852	245.789	ug/l	100
17) Carbon Disulfide	2.55	76	474128	49.157	ug/l	99
18) Methyl Acetate	2.75	43	217222	48.703	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	558449	50.442	ug/l	98
20) Methylene Chloride	2.84	84	178443	47.719	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	171937	48.042	ug/l	100
22) Diisopropyl ether	3.82	45	553645	49.837	ug/l	99
23) Vinyl Acetate	3.79	43	2482667	254.018	ug/l	100
24) 1,1-Dichloroethane	3.67	63	309293	49.770	ug/l	99
25) 2-Butanone	4.64	43	728550	249.245	ug/l	99
26) 2,2-Dichloropropane	4.56	77	247077	43.536	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	192184	49.120	ug/l	99
28) Bromochloromethane	4.98	49	137675	48.585	ug/l	100
29) Tetrahydrofuran	5.09	42	478357	246.983	ug/l	100
30) Chloroform	5.18	83	309456	50.013	ug/l	99
31) Cyclohexane	5.55	56	283361	50.173	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	283763	50.453	ug/l	99
36) 1,1-Dichloropropene	5.77	75	236519	48.049	ug/l	99
37) Ethyl Acetate	4.79	43	281504	49.341	ug/l	99
38) Carbon Tetrachloride	5.76	117	248777	49.722	ug/l	96

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Quant Time: May 05 07:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	284813	48.045	ug/l	98
40) Benzene	6.12	78	698251	48.480	ug/l	99
41) Methacrylonitrile	5.01	41	154815	50.246	ug/l	98
42) 1,2-Dichloroethane	6.17	62	255669	49.277	ug/l	99
43) Isopropyl Acetate	6.42	43	446678	49.069	ug/l	100
44) Trichloroethene	7.19	130	232871	45.511	ug/l	99
45) 1,2-Dichloropropane	7.49	63	179531	49.262	ug/l	99
46) Dibromomethane	7.64	93	122140	49.317	ug/l	99
47) Bromodichloromethane	7.88	83	251499	49.860	ug/l	99
48) Methyl methacrylate	7.74	41	213803	49.567	ug/l	100
49) 1,4-Dioxane	7.71	88	101227	978.507	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1395895	250.587	ug/l	100
52) Toluene	8.77	92	444013	49.458	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	287874	47.867	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	301335	47.970	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	177352	50.211	ug/l	99
56) Ethyl methacrylate	9.16	69	293130	50.842	ug/l	99
57) 1,3-Dichloropropane	9.35	76	306162	49.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	750281	244.438	ug/l	100
59) 2-Hexanone	9.48	43	1088431	248.804	ug/l	100
60) Dibromochloromethane	9.57	129	198039	50.908	ug/l	100
61) 1,2-Dibromoethane	9.65	107	190769	49.862	ug/l	100
64) Tetrachloroethene	9.32	164	266979	45.805	ug/l	99
65) Chlorobenzene	10.12	112	472757	47.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	181969	49.523	ug/l	98
67) Ethyl Benzene	10.24	91	849550	47.894	ug/l	100
68) m/p-Xylenes	10.34	106	644870	97.035	ug/l	100
69) o-Xylene	10.68	106	309448	48.441	ug/l	100
70) Styrene	10.70	104	534628	49.331	ug/l	100
71) Bromoform	10.84	173	146952	49.087	ug/l	99
73) Isopropylbenzene	11.00	105	839402	47.606	ug/l	99
74) N-amyl acetate	10.88	43	388952	47.292	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176311	46.324	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	345599	62.824	ug/l	84
77) Bromobenzene	11.24	156	206438	45.359	ug/l	98
78) n-propylbenzene	11.35	91	960321	46.817	ug/l	100
79) 2-Chlorotoluene	11.41	91	565336	46.691	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	703013	47.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	105394	45.657	ug/l	99
82) 4-Chlorotoluene	11.49	91	664084	46.446	ug/l	99
83) tert-Butylbenzene	11.76	119	606629	47.282	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	710771	47.224	ug/l	99
85) sec-Butylbenzene	11.93	105	804691	46.453	ug/l	100
86) p-Isopropyltoluene	12.05	119	743697	46.240	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	374664	45.848	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	372154	44.870	ug/l	99
89) n-Butylbenzene	12.37	91	670580	45.640	ug/l	100
90) Hexachloroethane	12.58	117	131253	47.518	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	357469	45.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65648	45.279	ug/l	99

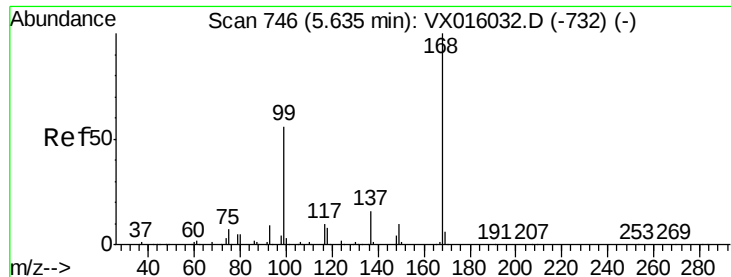
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
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Quant Title : SW846 8260
QLast Update : Tue May 05 07:11:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	260813	44.770	ug/l	98
94) Hexachlorobutadiene	13.77	225	111265	44.414	ug/l	97
95) Naphthalene	13.82	128	871181	46.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	257308	45.194	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

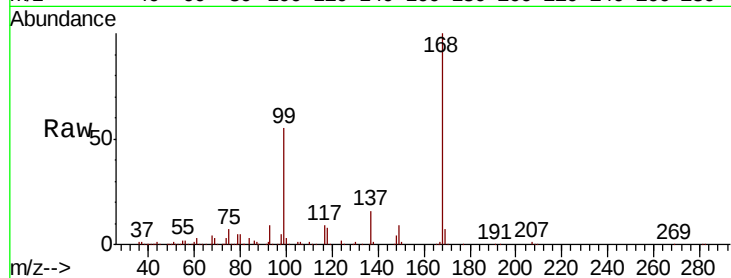
VSTDCCC050EC

Tot Ion:168 Resp: 308948

Ion Ratio Lower Upper

168 100

99 55.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

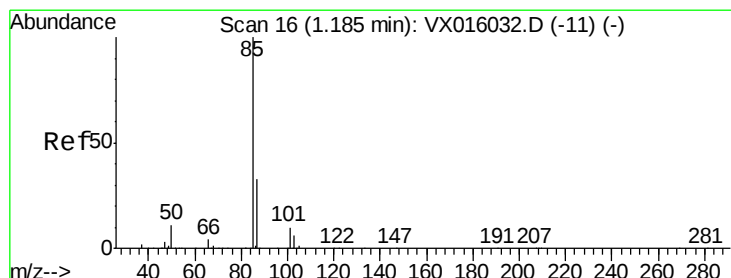
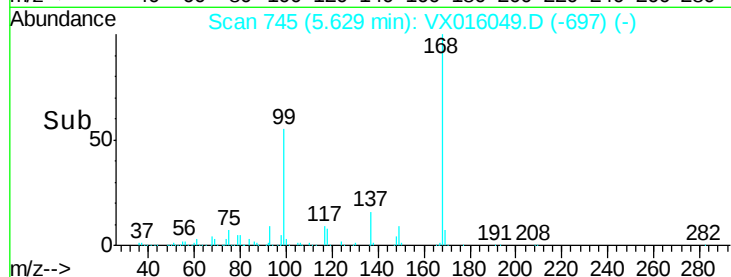
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.433 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016049.D

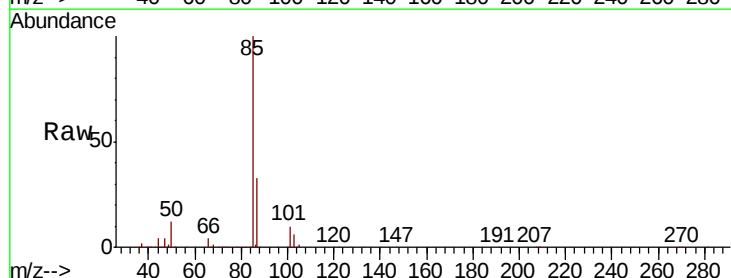
Acq: 04 May 2020 20:32

Tgt Ion: 85 Resp: 161652

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

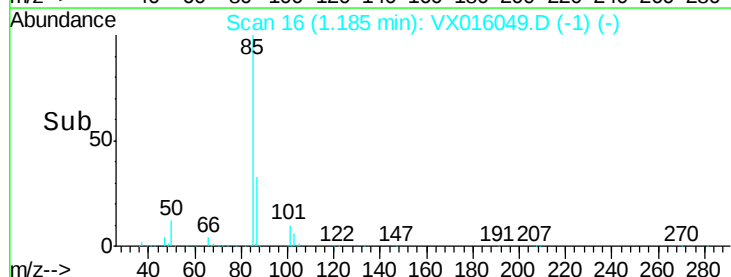
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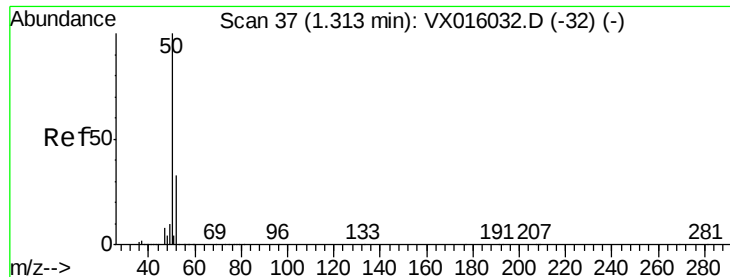
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.665 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

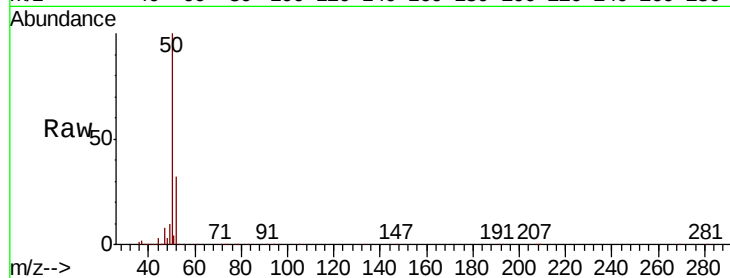
VSTDCCC050EC

Tot Ion: 50 Resp: 181017

Ion Ratio Lower Upper

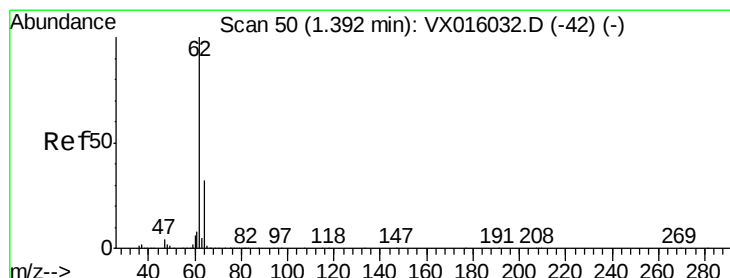
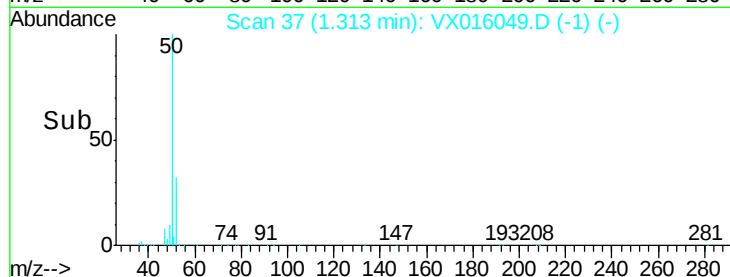
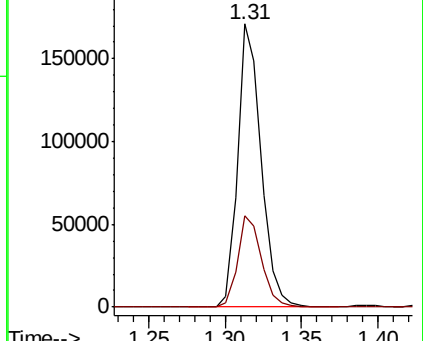
50 100

52 32.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.753 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016049.D

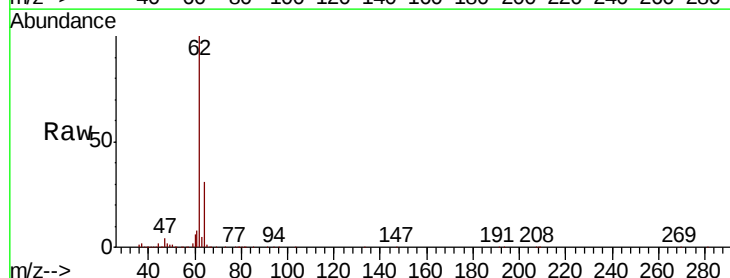
Acq: 04 May 2020 20:32

Tgt Ion: 62 Resp: 197537

Ion Ratio Lower Upper

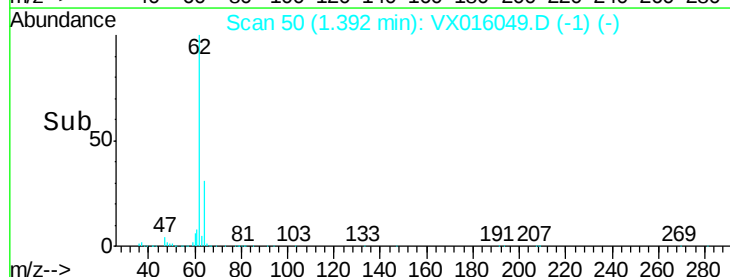
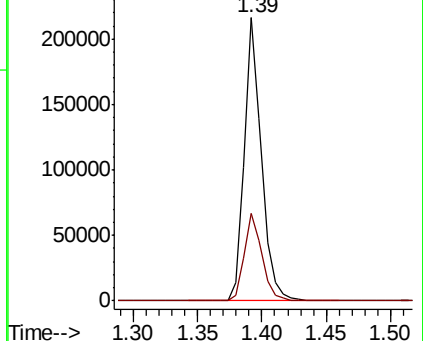
62 100

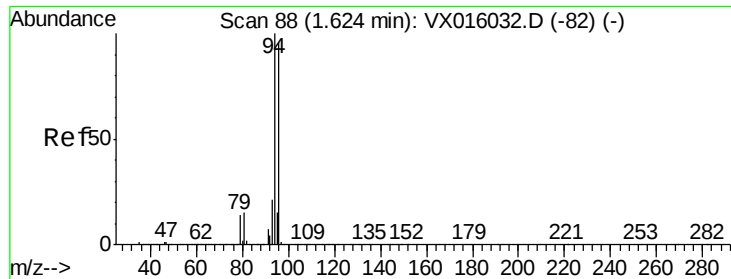
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.599 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

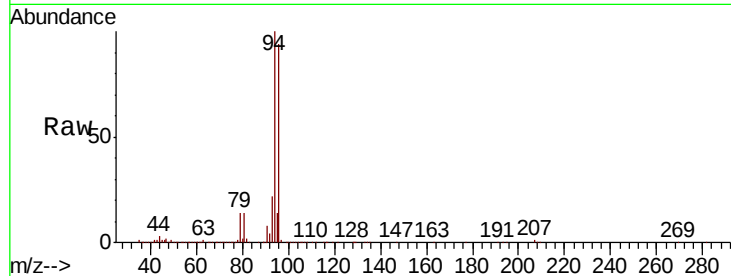
VSTDCCC050EC

Tot Ion: 94 Resp: 99273

Ion Ratio Lower Upper

94 100

96 93.5 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

60000

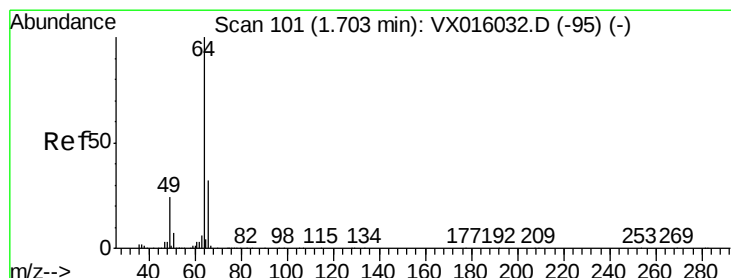
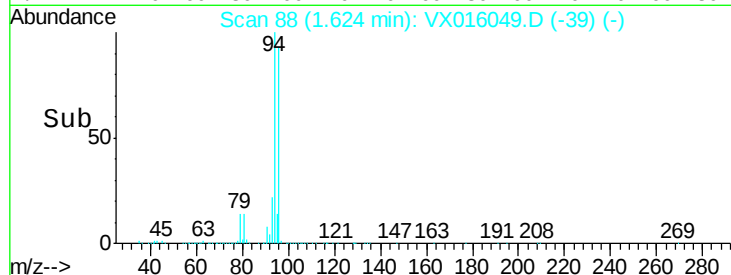
40000

20000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 50.625 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016049.D

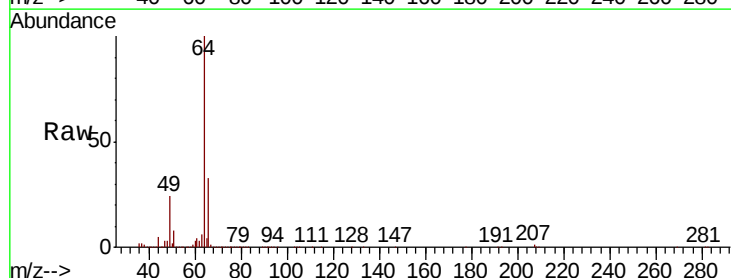
Acq: 04 May 2020 20:32

Tgt Ion: 64 Resp: 124806

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

60000

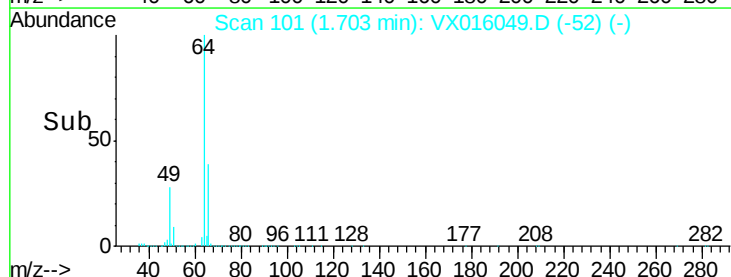
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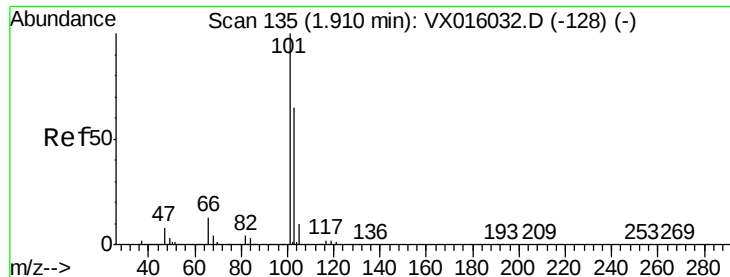
20000

0

Time-->

1.60 1.70 1.80



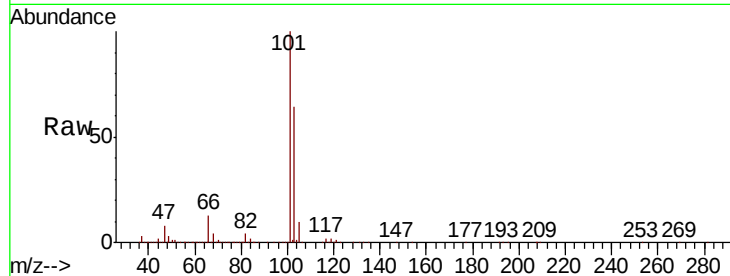


#7

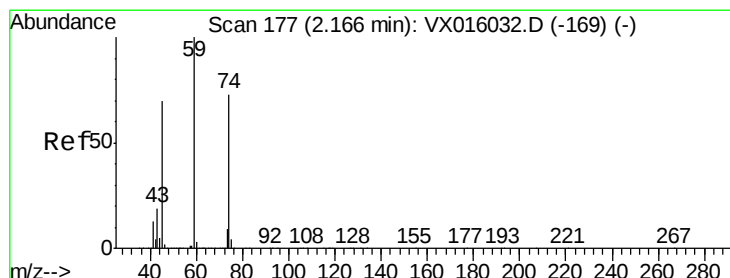
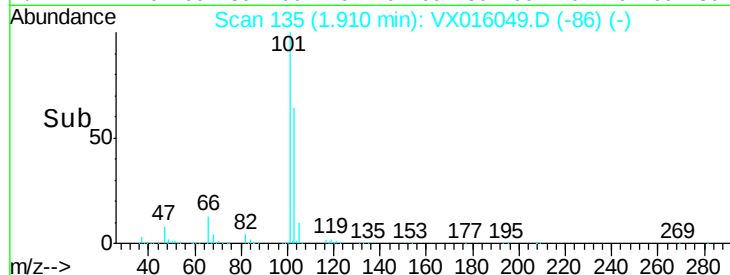
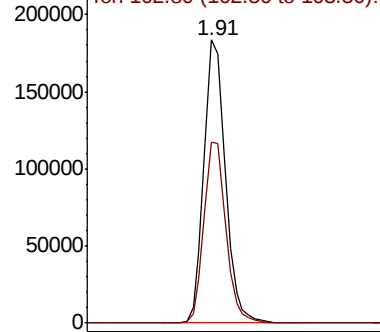
Trichlorofluoromethane
 Concen: 50.227 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 267176
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6



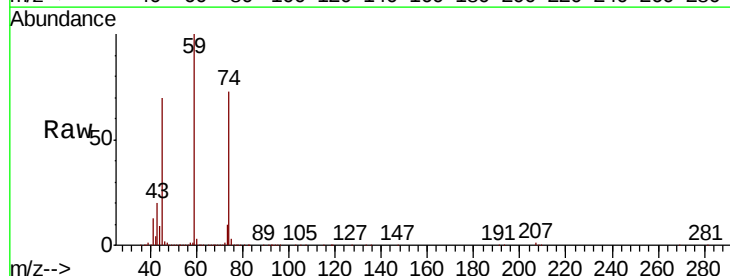
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



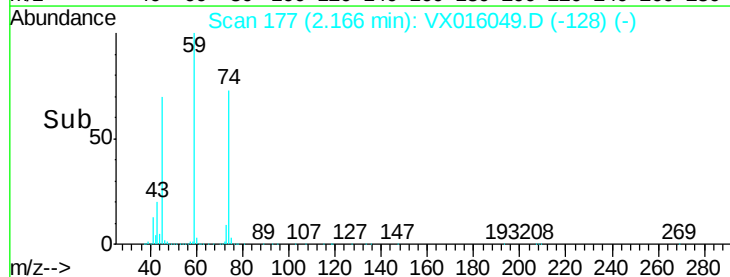
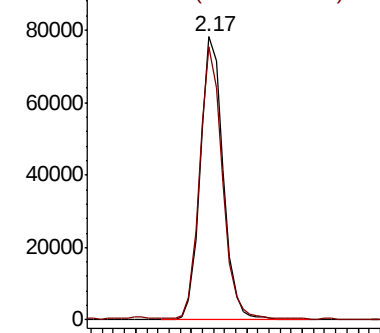
#8

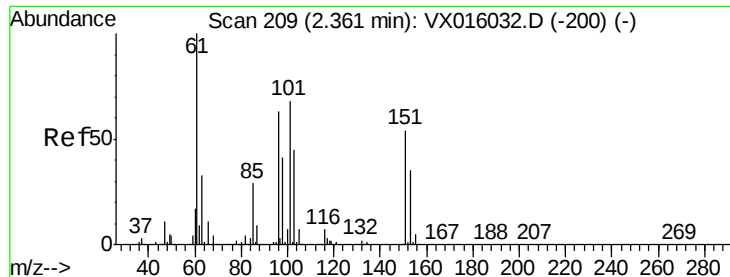
Diethyl Ether
 Concen: 49.604 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion: 74 Resp: 111176
 Ion Ratio Lower Upper
 74 100
 45 95.3 47.3 142.0



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: 50.165 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

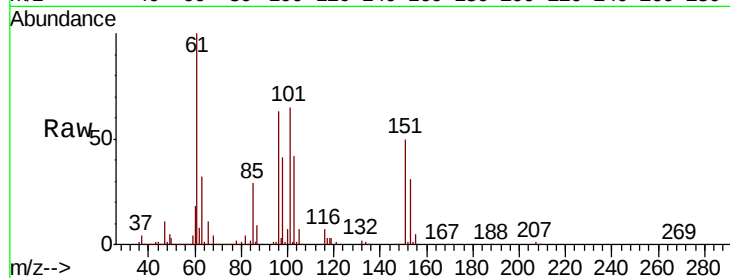
Tot Ion:101 Resp: 153954

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

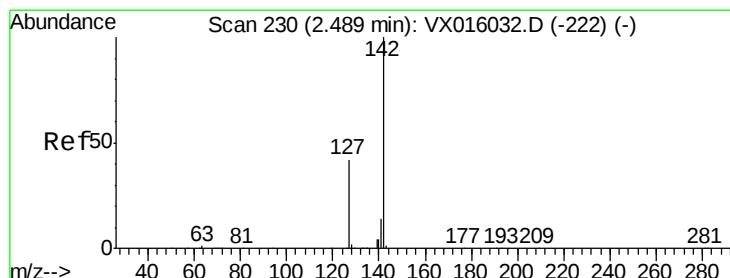
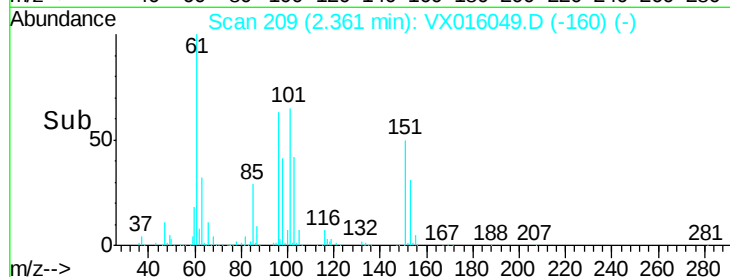
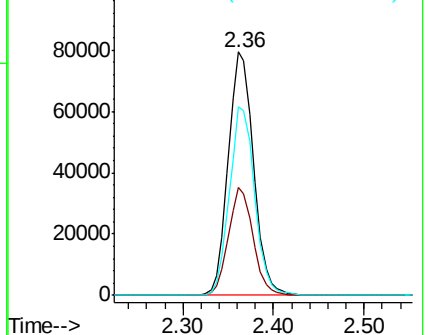
151 77.3 62.1 93.1



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: 43.808 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

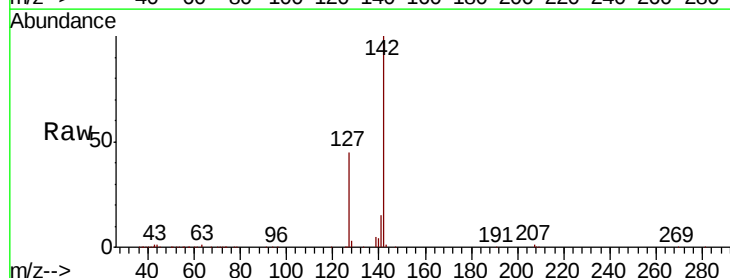
Tgt Ion:142 Resp: 180588

Ion Ratio Lower Upper

142 100

127 44.3 34.6 52.0

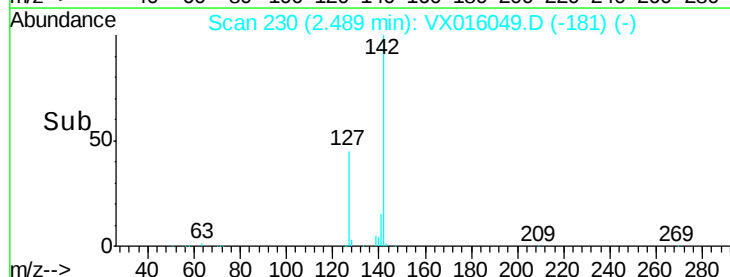
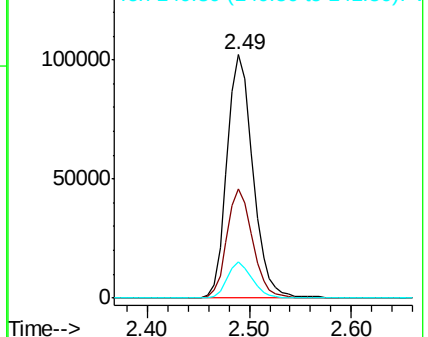
141 14.3 11.3 16.9

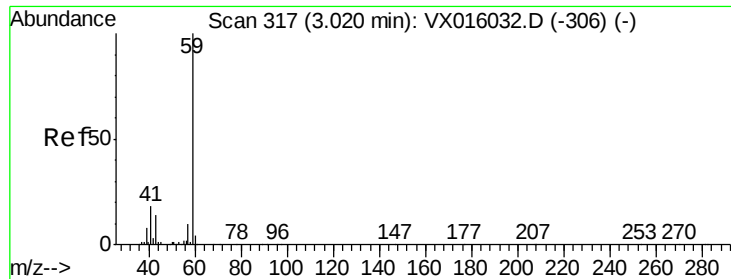


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



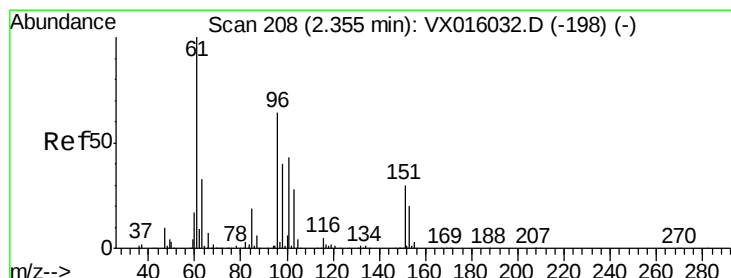
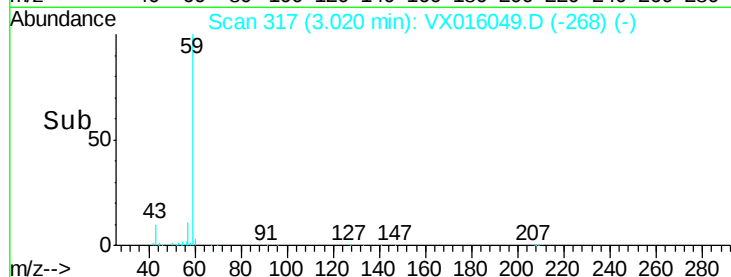
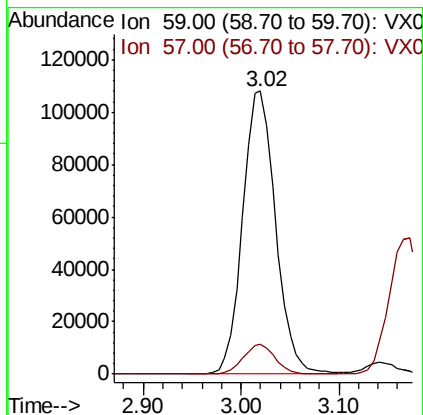
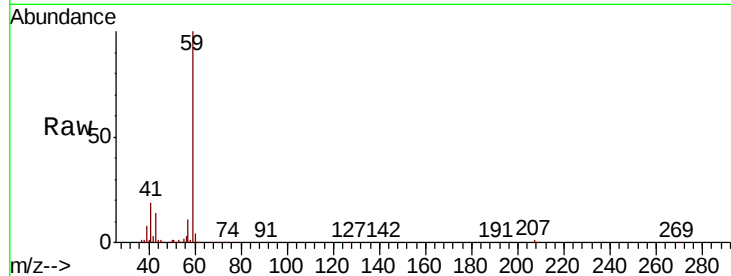


#11

Tert butyl alcohol
 Concen: 245.428 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

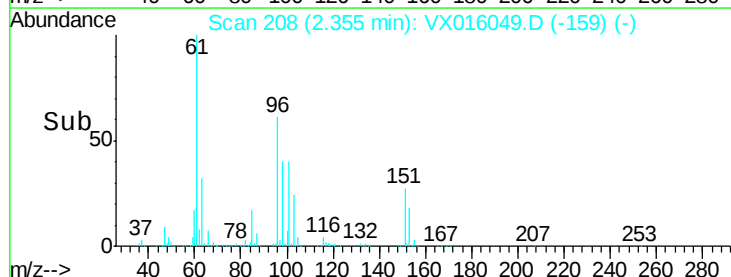
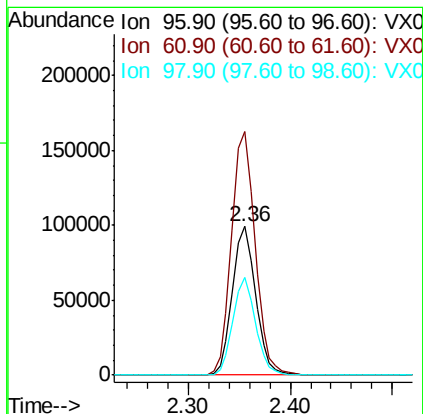
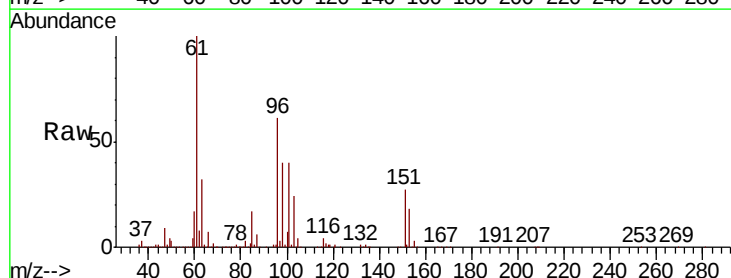
Tot Ion: 59 Resp: 252311
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

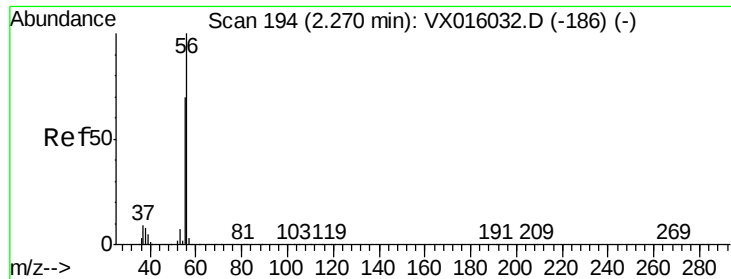


#12

1,1-Dichloroethene
 Concen: 48.770 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion: 96 Resp: 156627
 Ion Ratio Lower Upper
 96 100
 61 163.8 124.8 187.2
 98 65.9 49.7 74.5





#13

Acrolein

Concen: 209.031 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

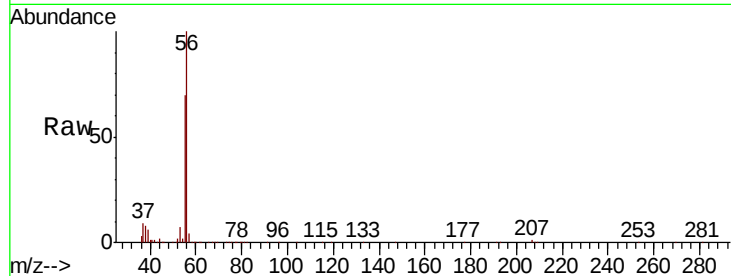
VSTDCCC050EC

Tot Ion: 56 Resp: 134473

Ion Ratio Lower Upper

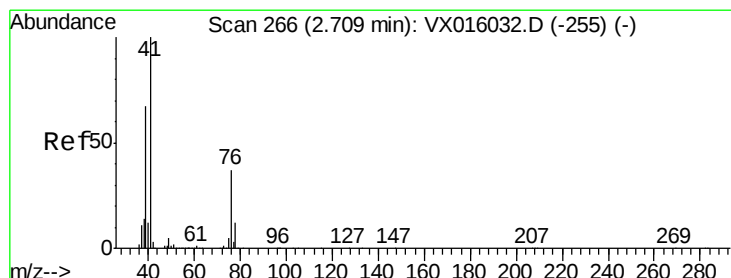
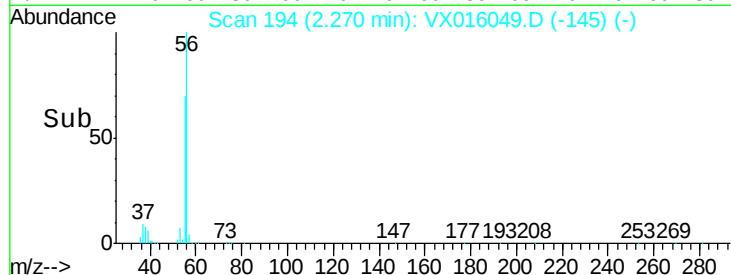
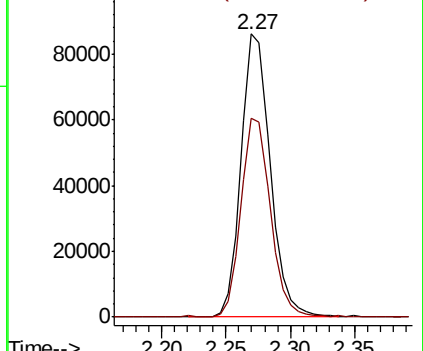
56 100

55 70.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.515 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

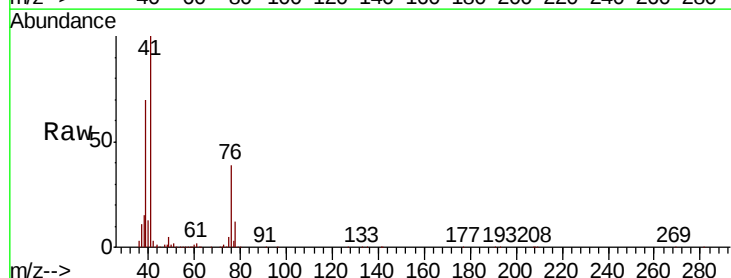
Tgt Ion: 41 Resp: 285684

Ion Ratio Lower Upper

41 100

39 63.8 50.5 75.7

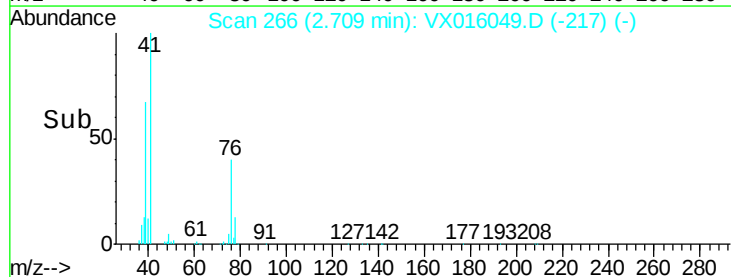
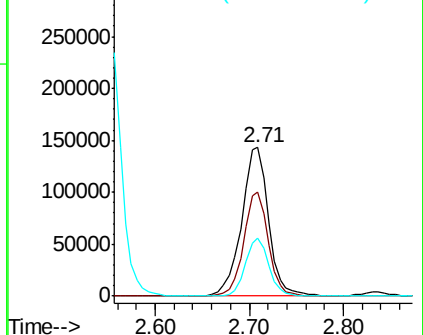
76 34.2 26.6 40.0

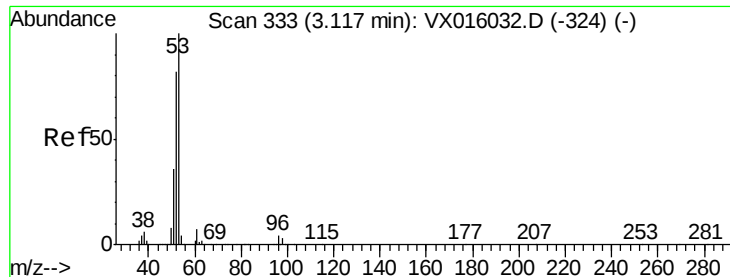


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.743 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

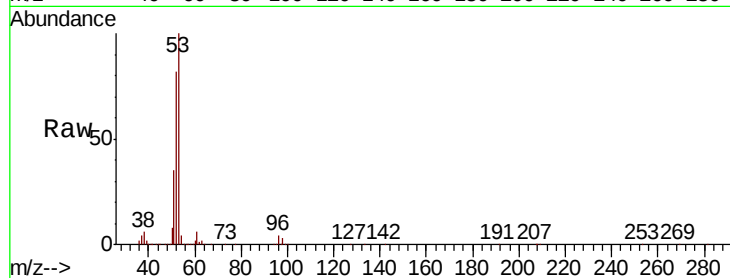
Tot Ion: 53 Resp: 515562

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

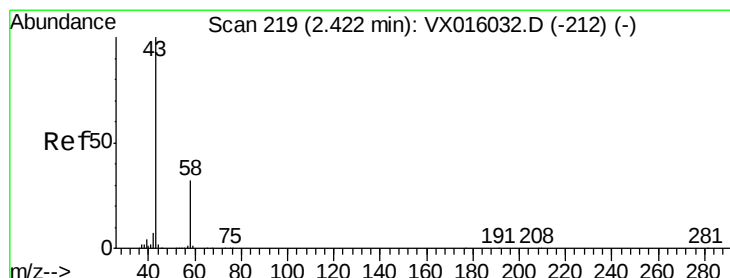
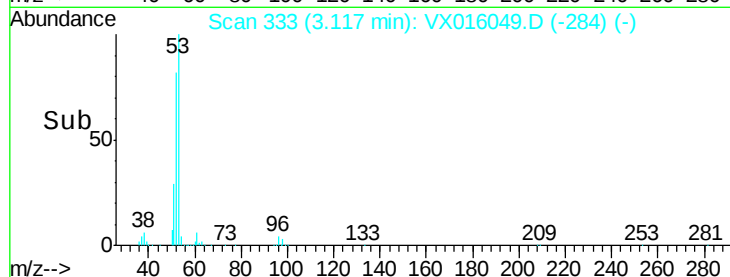
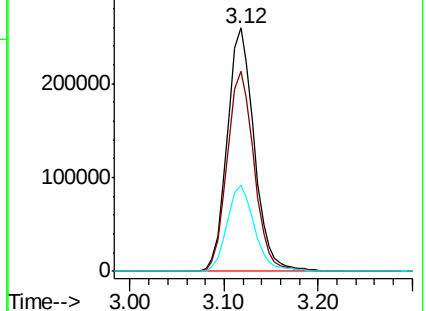
51 36.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 245.789 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016049.D

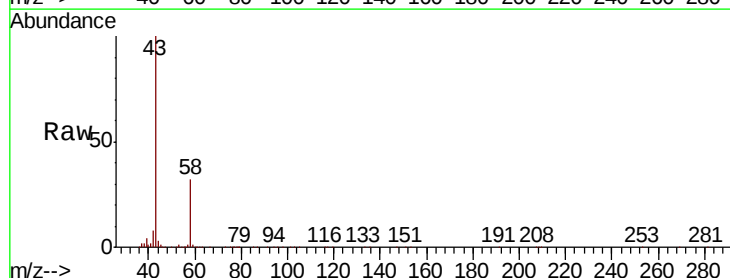
Acq: 04 May 2020 20:32

Tgt Ion: 43 Resp: 445852

Ion Ratio Lower Upper

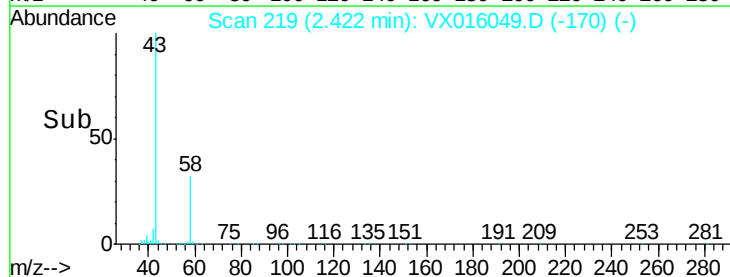
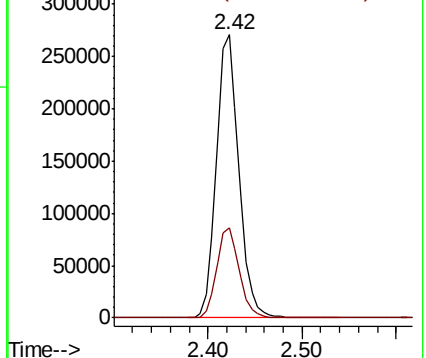
43 100

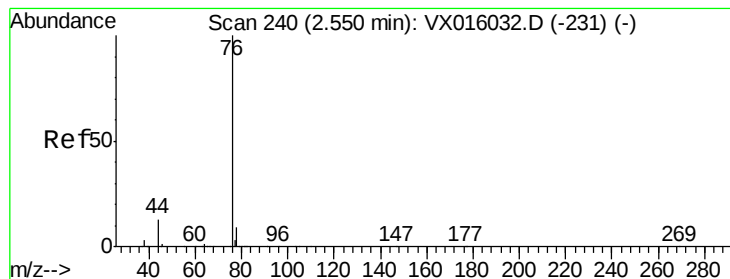
58 31.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.157 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

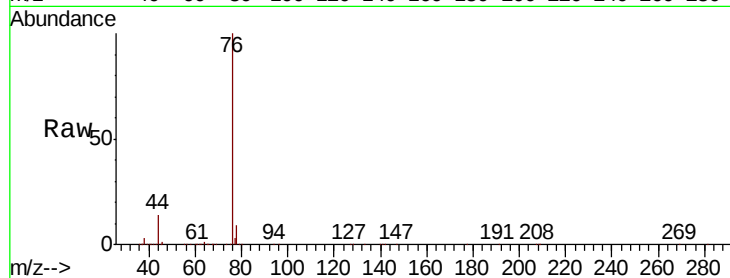
VSTDCCC050EC

Tot Ion: 76 Resp: 474128

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

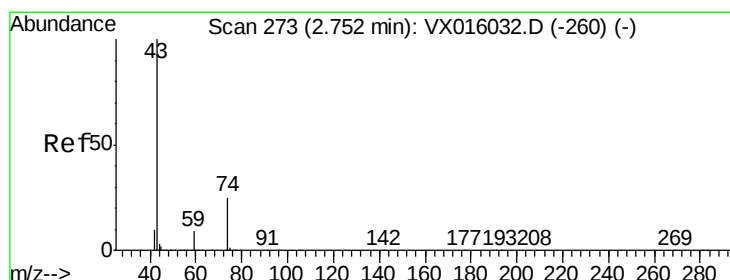
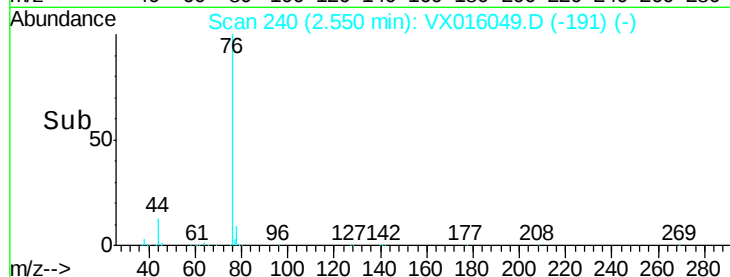
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 48.703 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016049.D

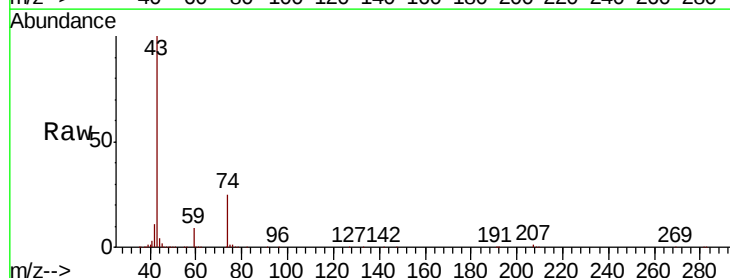
Acq: 04 May 2020 20:32

Tgt Ion: 43 Resp: 217222

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

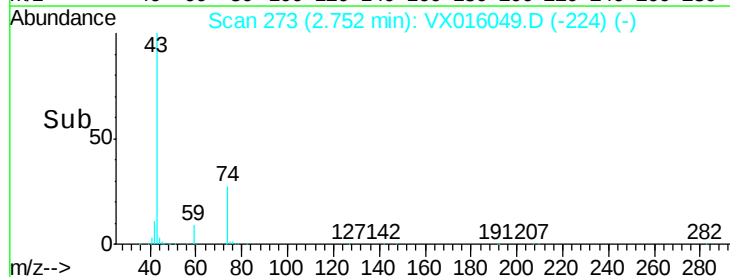
2.75

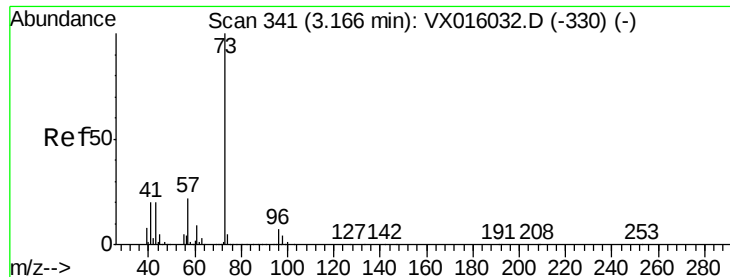
100000

50000

0

Time-->



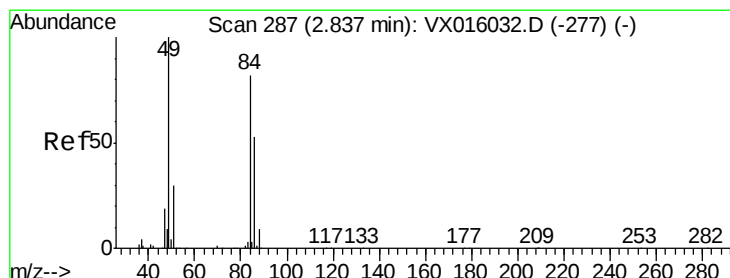
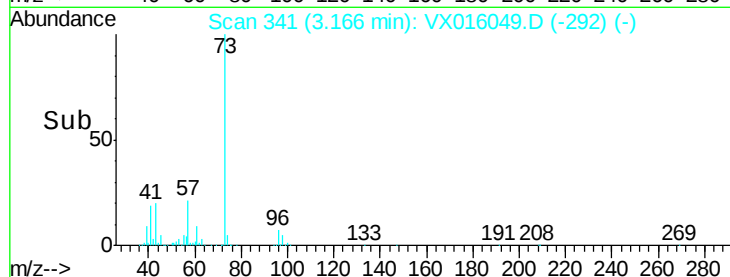
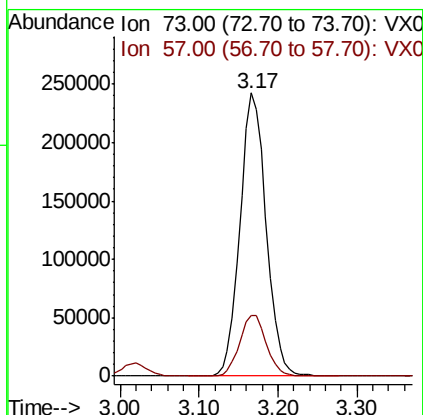
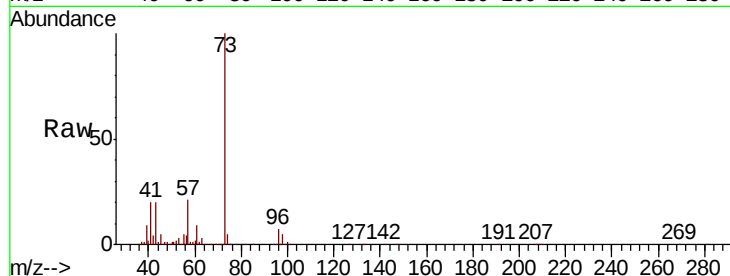


#19

Methyl tert-butyl Ether
 Concen: 50.442 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

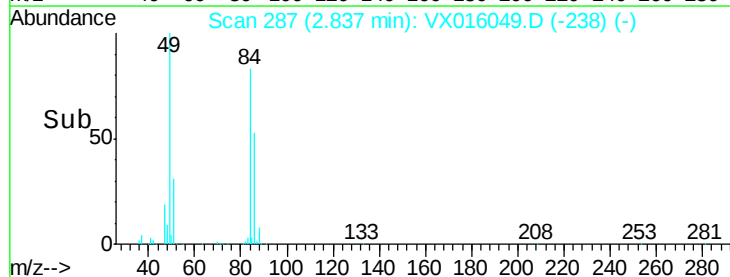
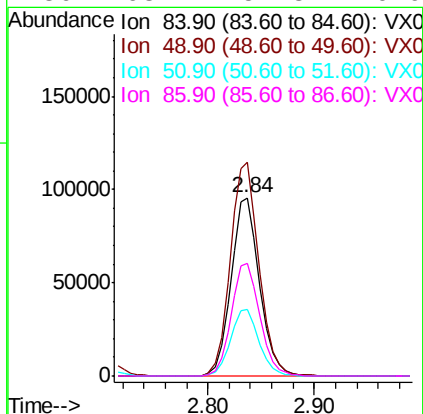
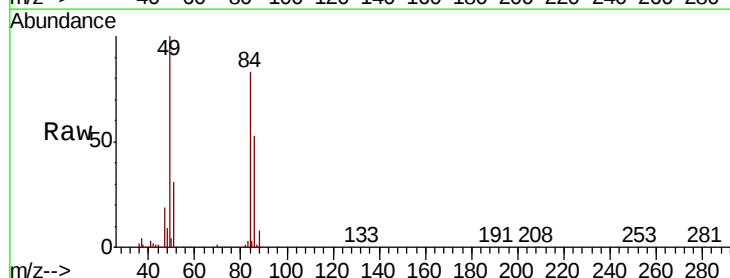
Tot Ion: 73 Resp: 558449
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.8 26.6

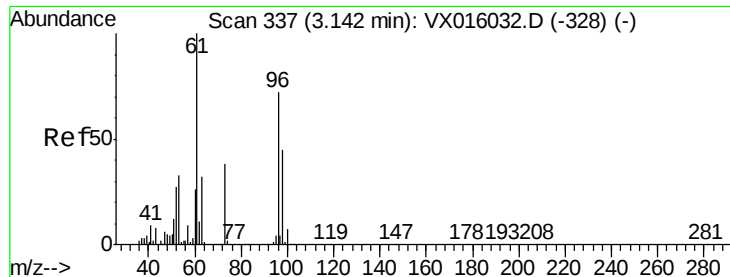


#20

Methylene Chloride
 Concen: 47.719 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion: 84 Resp: 178443
 Ion Ratio Lower Upper
 84 100
 49 119.8 97.3 145.9
 51 37.4 29.3 43.9
 86 63.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.042 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

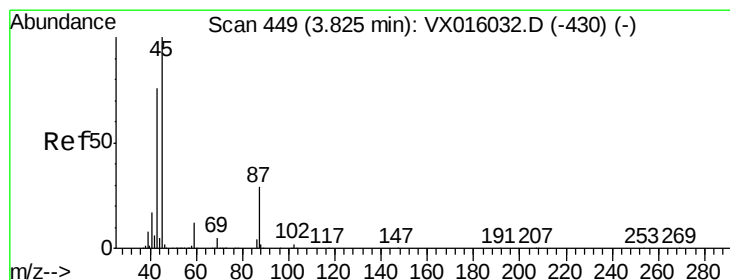
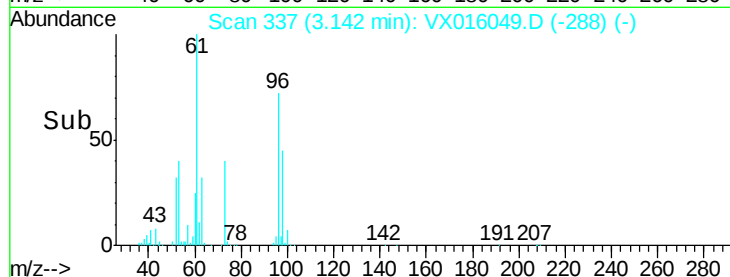
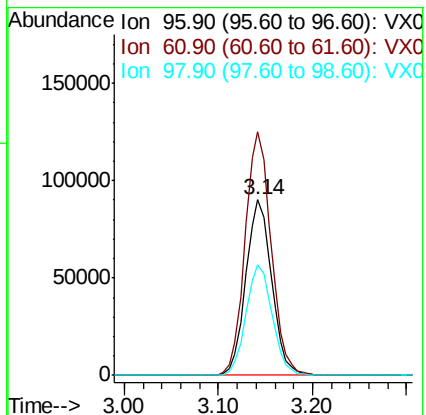
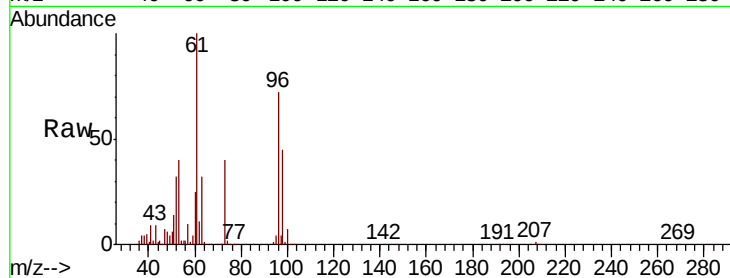
Tot Ion: 96 Resp: 171937

Ion Ratio Lower Upper

96 100

61 139.1 111.2 166.8

98 63.2 50.2 75.4



#22

Diisopropyl ether

Concen: 49.837 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion: 45 Resp: 553645

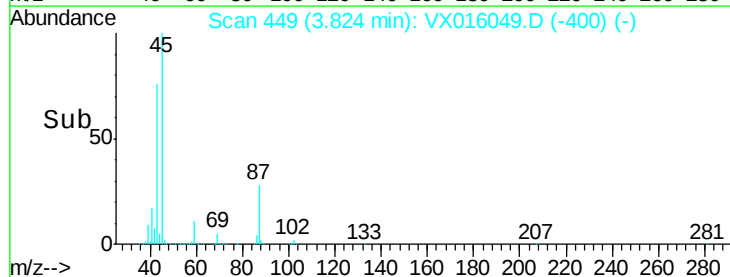
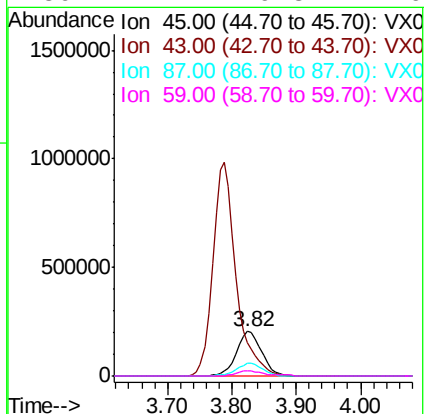
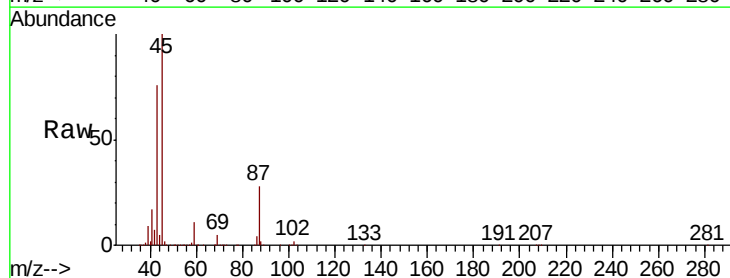
Ion Ratio Lower Upper

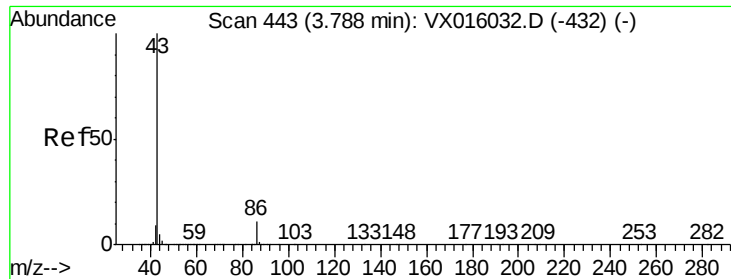
45 100

43 75.5 61.1 91.7

87 27.5 23.0 34.6

59 11.4 9.8 14.6

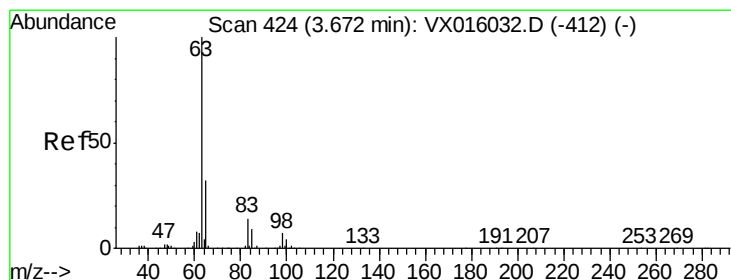
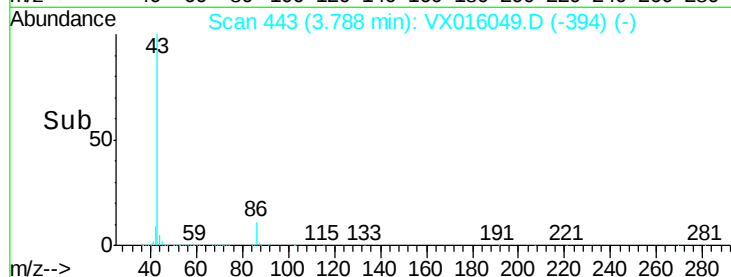
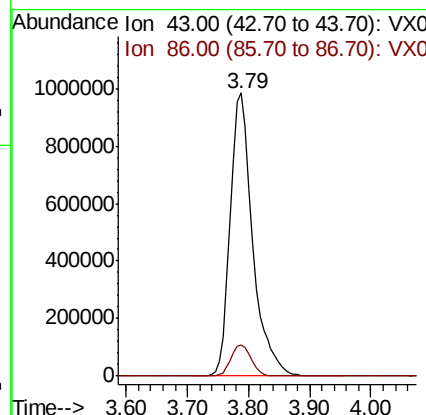
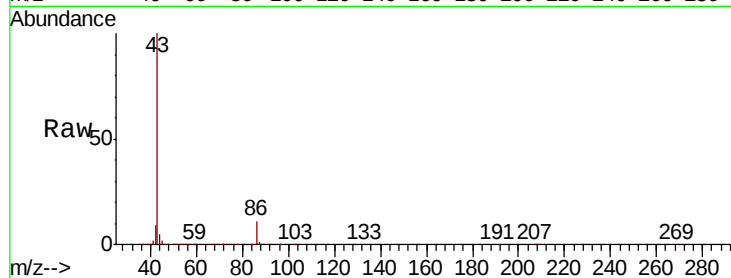




#23
 Vinyl Acetate
 Concen: 254.018 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

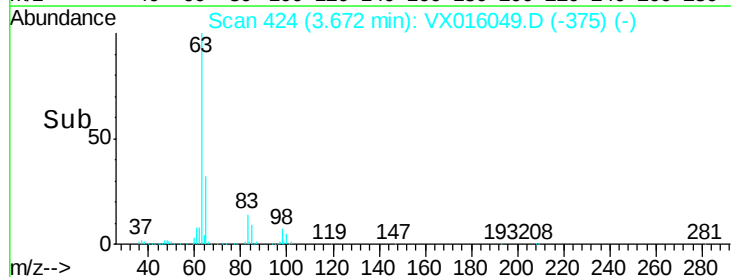
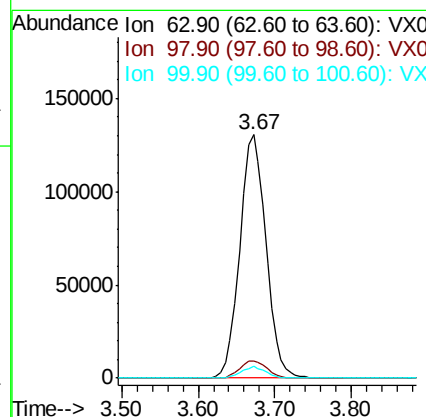
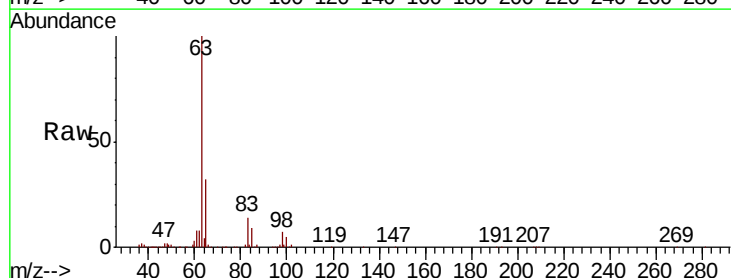
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

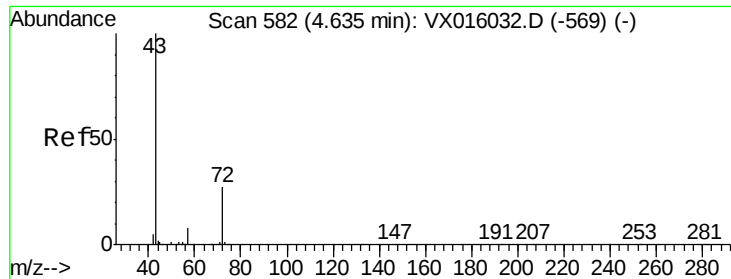
Tot Ion: 43 Resp: 2482667
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 49.770 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion: 63 Resp: 309293
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 249.245 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

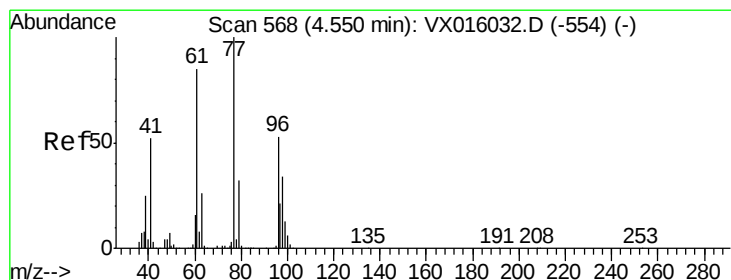
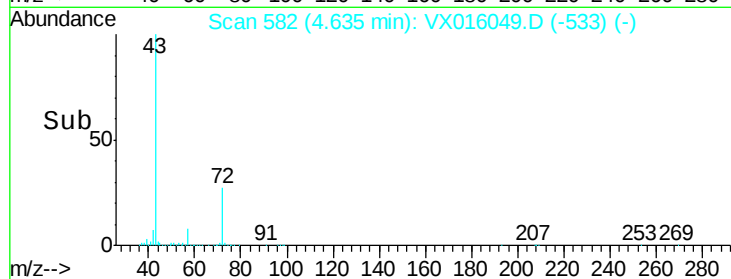
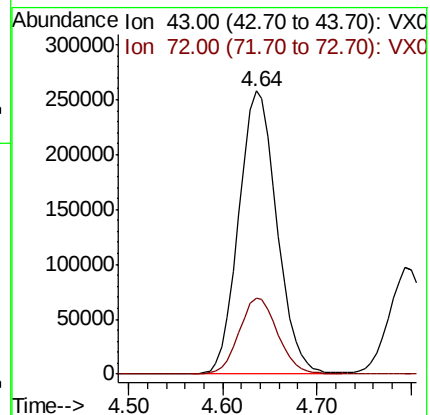
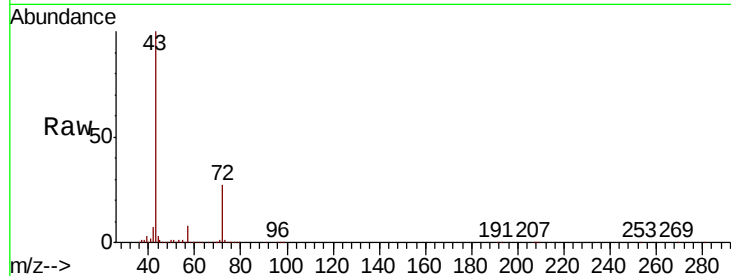
VSTDCCC050EC

Tot Ion: 43 Resp: 728550

Ion Ratio Lower Upper

43 100

72 27.0 21.8 32.8



#26

2,2-Dichloropropane

Concen: 43.536 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016049.D

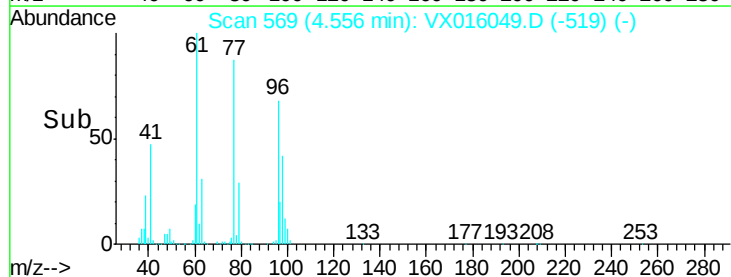
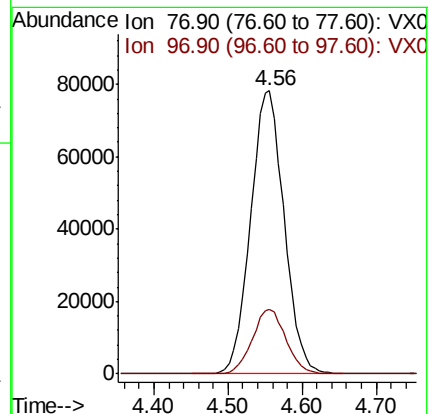
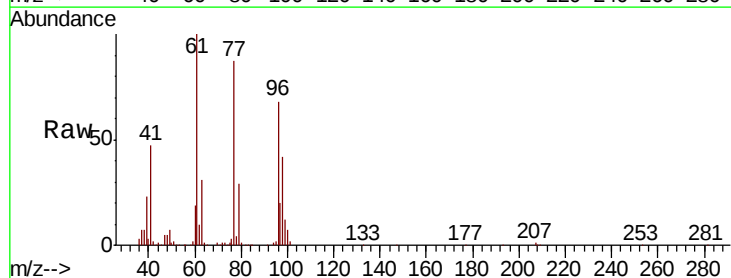
Acq: 04 May 2020 20:32

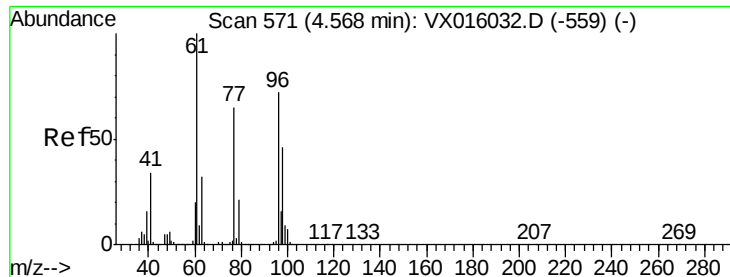
Tgt Ion: 77 Resp: 247077

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6



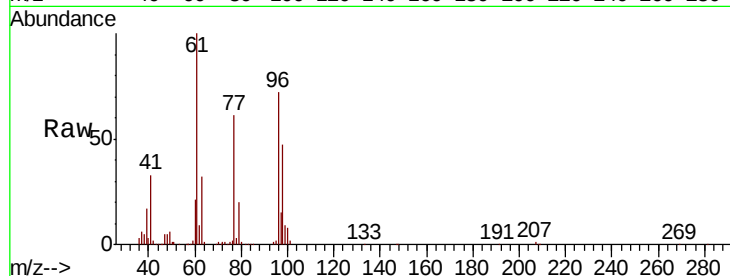


#27

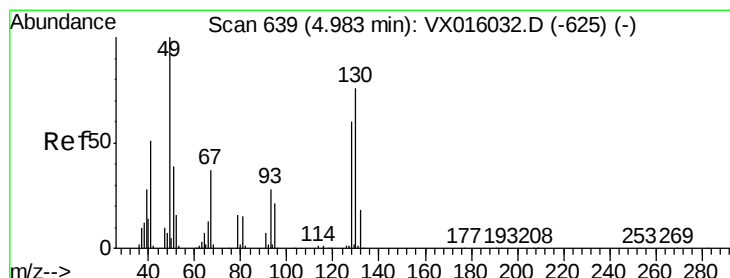
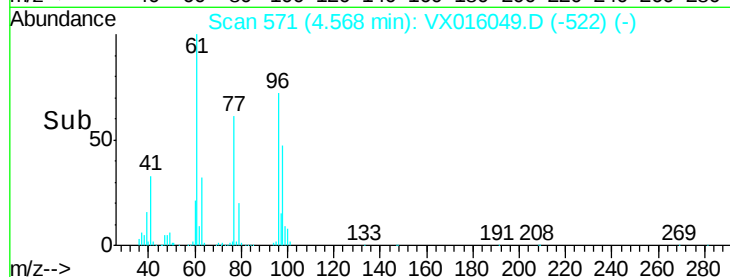
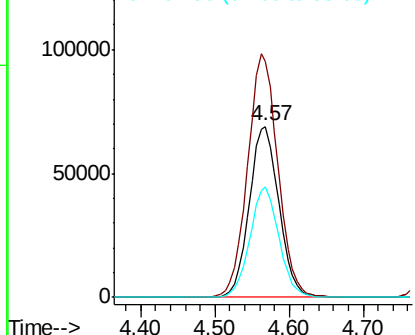
cis-1,2-Dichloroethene
 Concen: 49.120 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	296.2
98	63.7	0.0	129.4



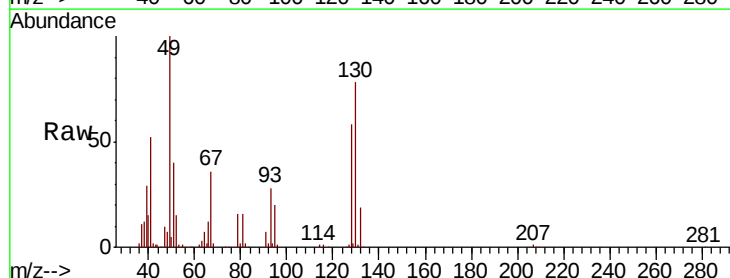
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



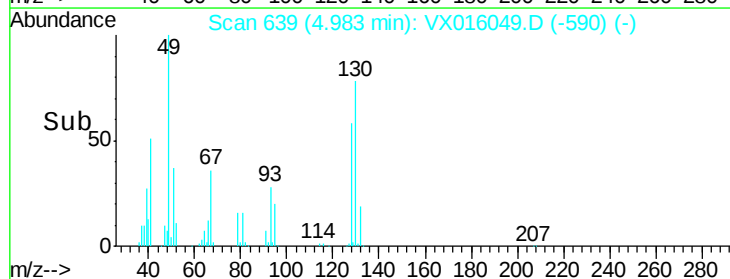
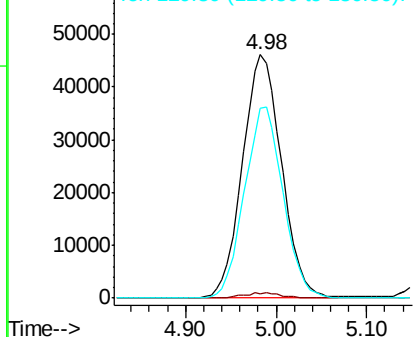
#28

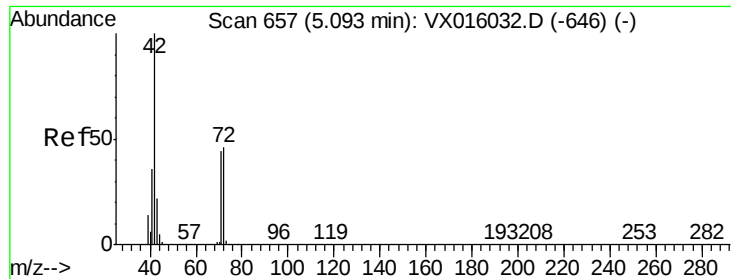
Bromochloromethane
 Concen: 48.585 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.6	62.4	93.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

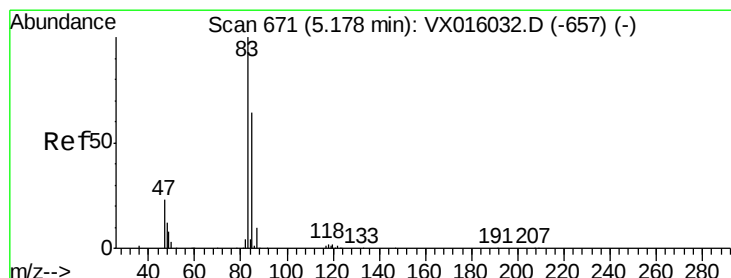
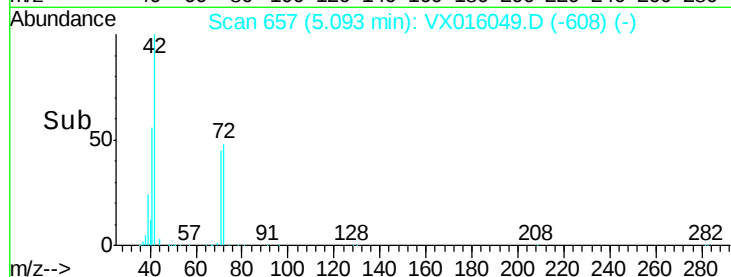
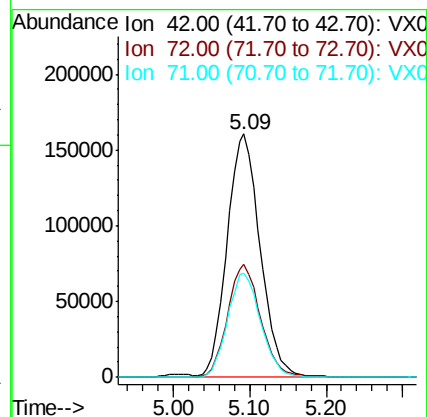
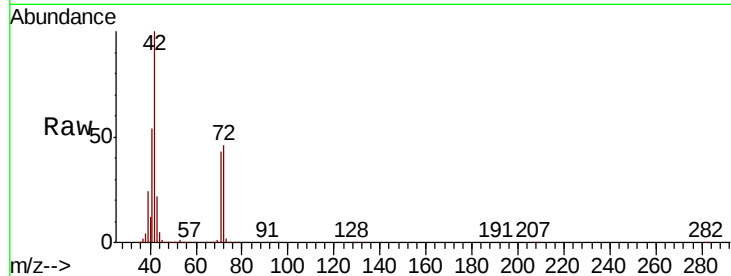




#29
Tetrahydrofuran
Concen: 246.983 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

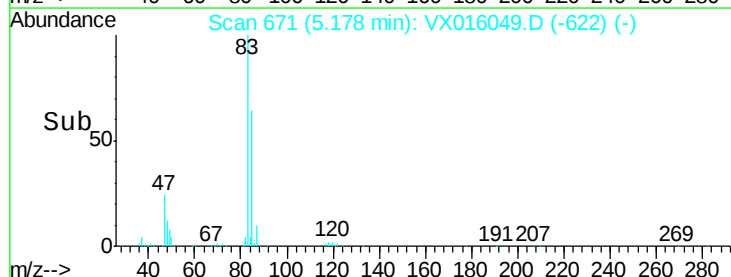
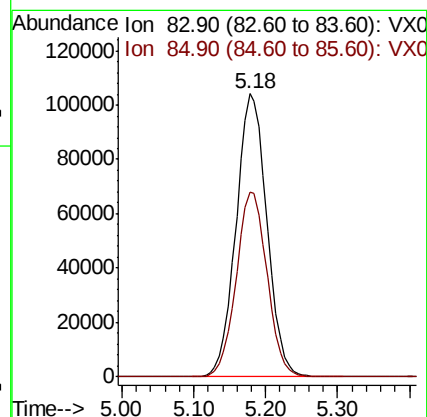
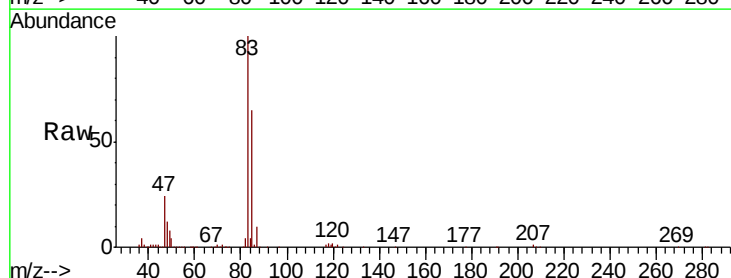
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

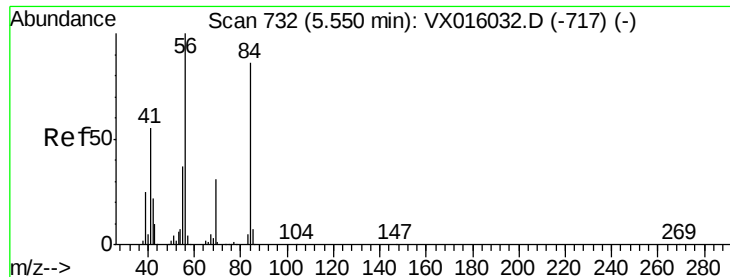
Tot Ion: 42 Resp: 478357
Ion Ratio Lower Upper
42 100
72 46.7 37.1 55.7
71 43.2 34.5 51.7



#30
Chloroform
Concen: 50.013 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 83 Resp: 309456
Ion Ratio Lower Upper
83 100
85 65.4 51.6 77.4

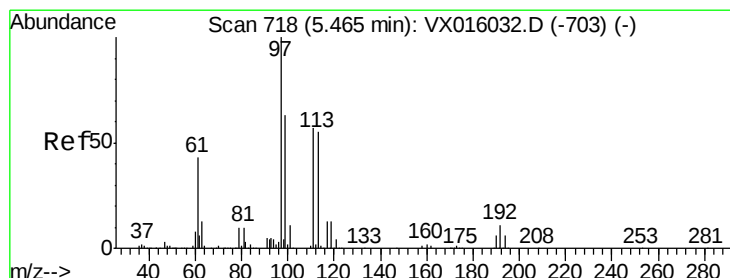
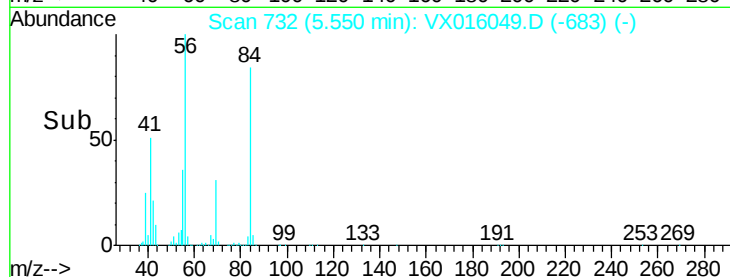
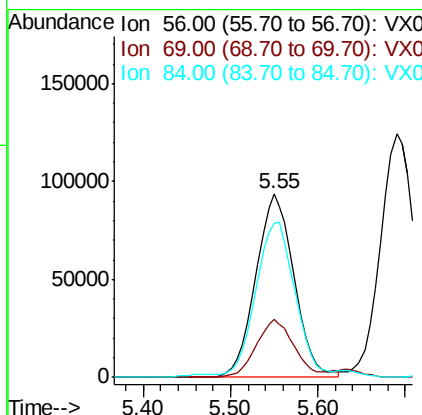
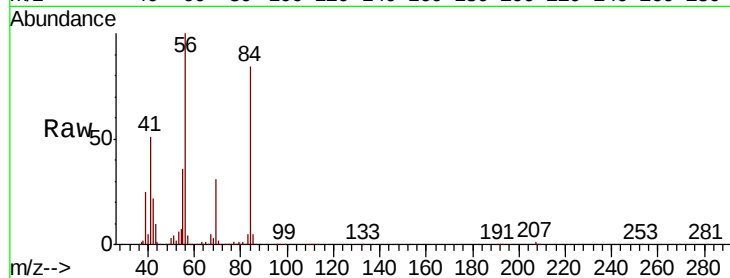




#31
Cyclohexane
Concen: 50.173 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

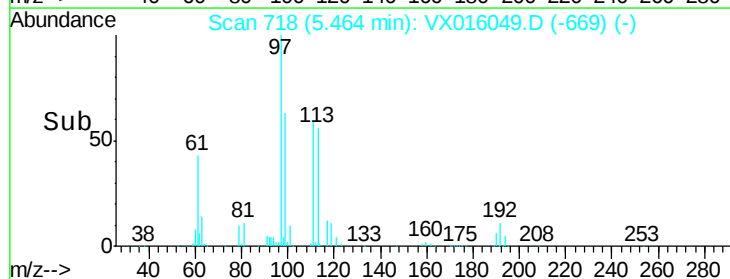
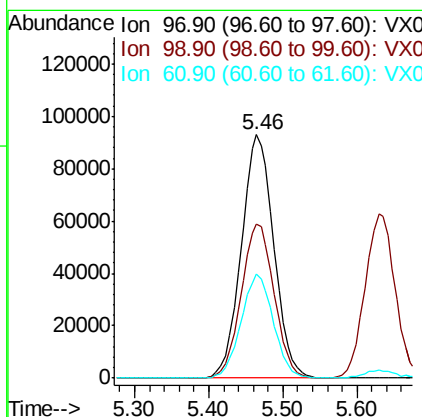
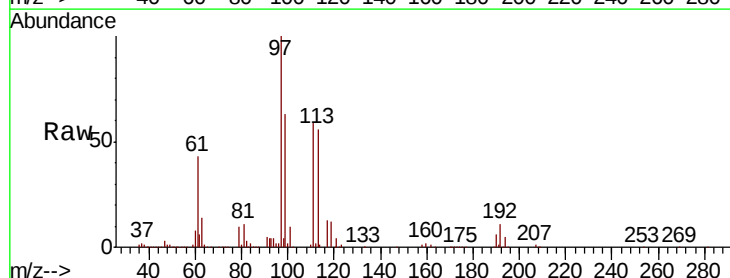
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

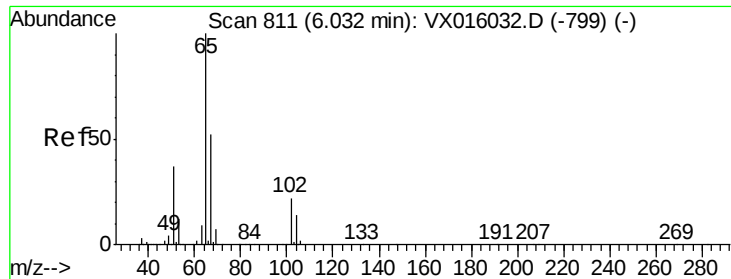
Tot Ion: 56 Resp: 283361
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 82.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.453 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 97 Resp: 283763
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.427 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

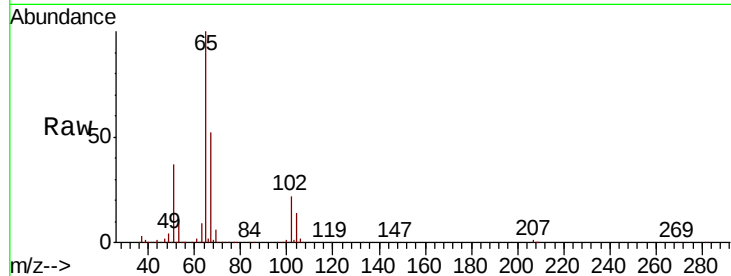
VSTDCCC050EC

Tot Ion: 65 Resp: 196877

Ion Ratio Lower Upper

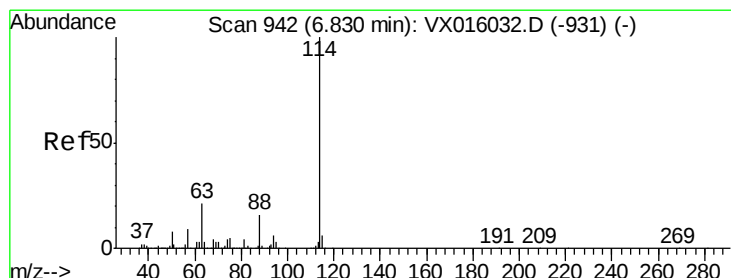
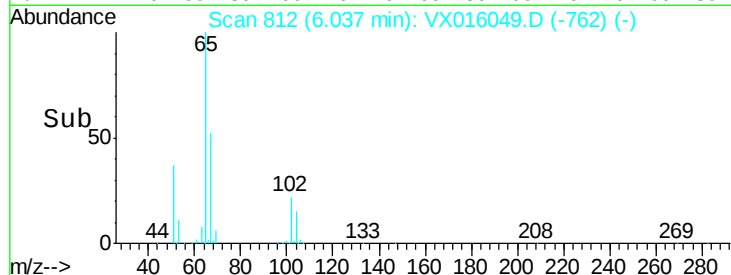
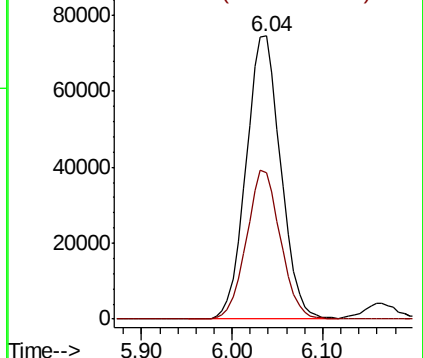
65 100

67 51.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

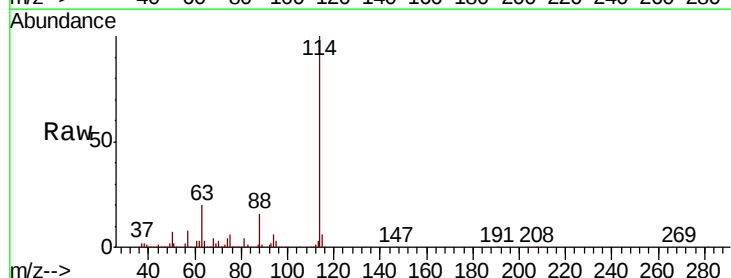
Tgt Ion: 114 Resp: 500069

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

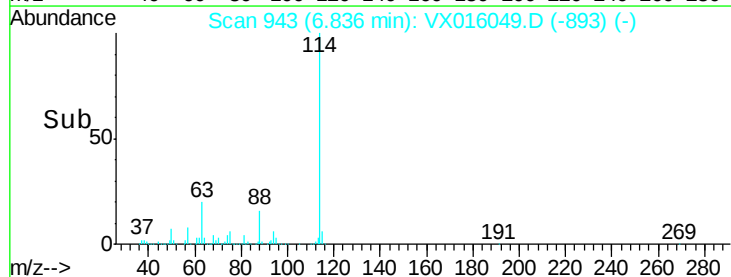
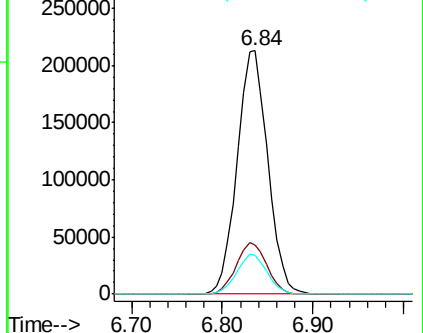
88 16.0 0.0 31.4

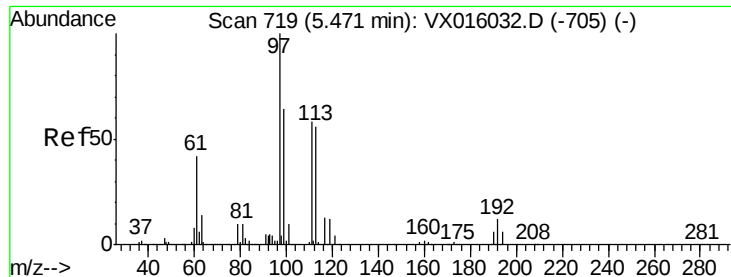


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

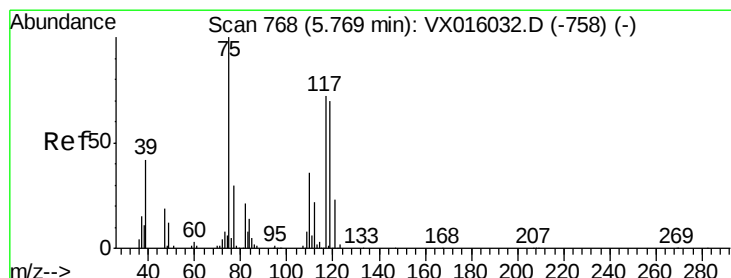
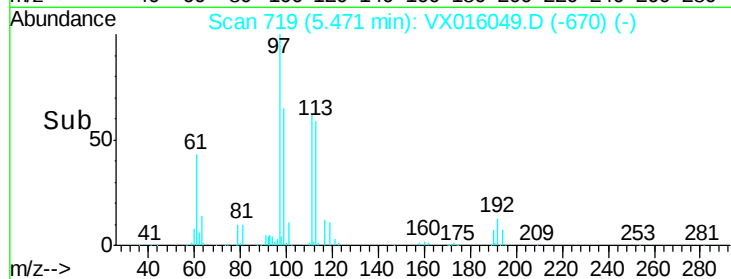
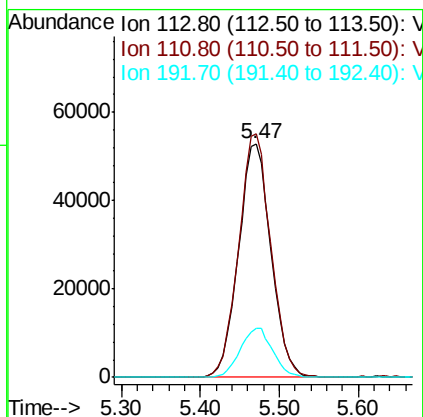
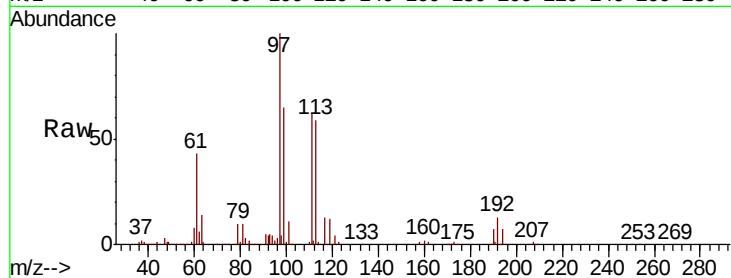




#35
 Dibromofluoromethane
 Concen: 47.758 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

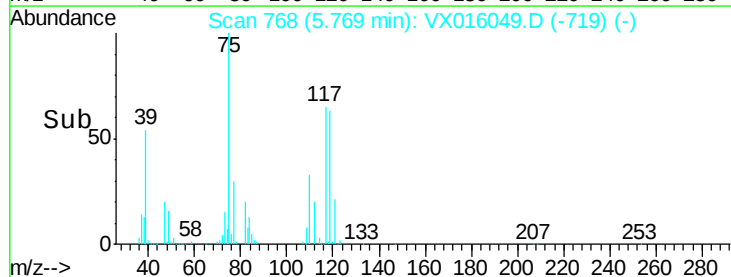
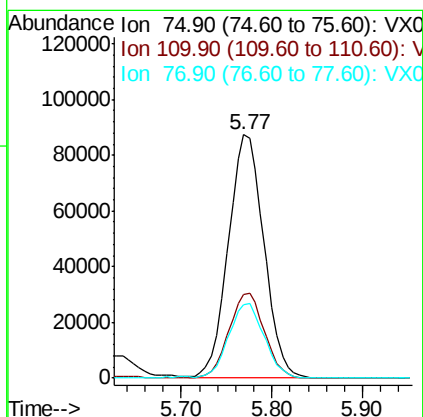
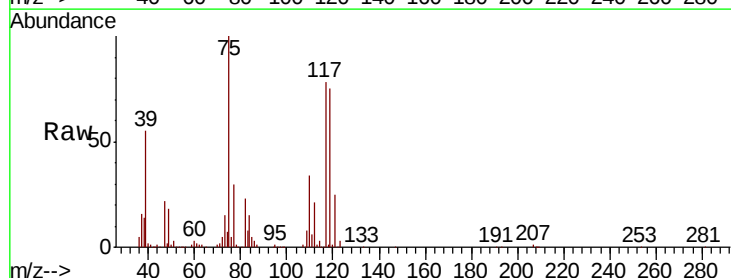
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

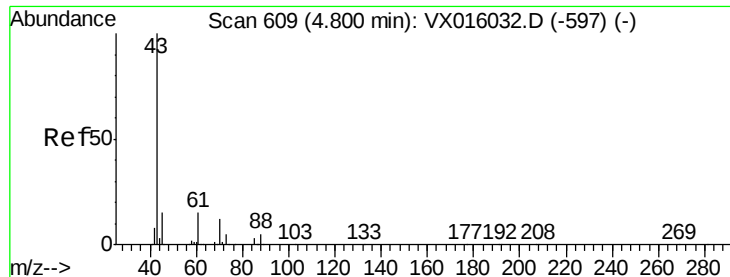
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.1	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 48.049 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.1
77	31.1	25.0	37.6





#37

Ethyl Acetate

Concen: 49.341 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.01 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

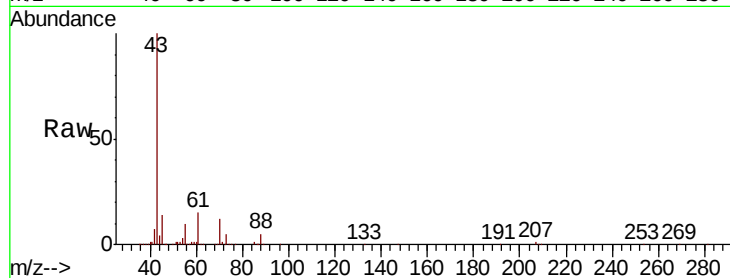
Tot Ion: 43 Resp: 281504

Ion Ratio Lower Upper

43 100

61 14.2 11.7 17.5

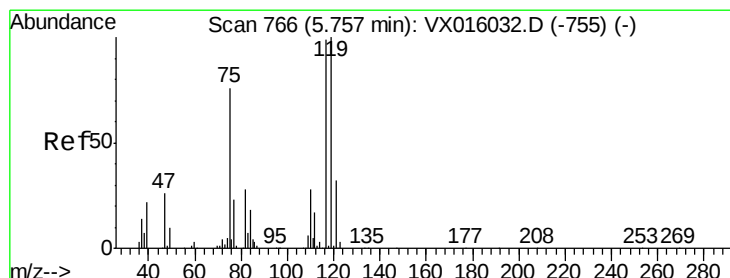
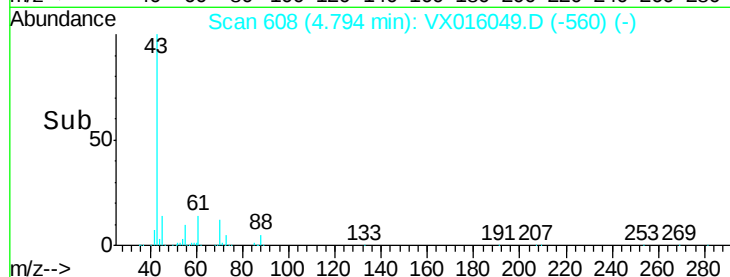
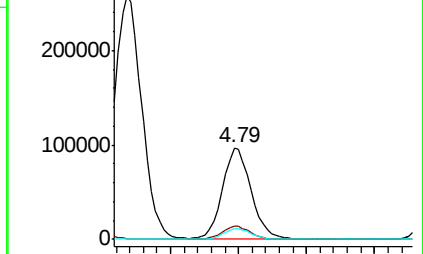
70 11.4 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX016032.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX016032.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX016032.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 49.722 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

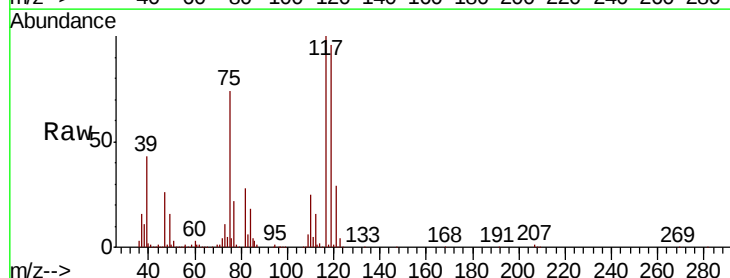
Tgt Ion: 117 Resp: 248777

Ion Ratio Lower Upper

117 100

119 96.4 80.3 120.5

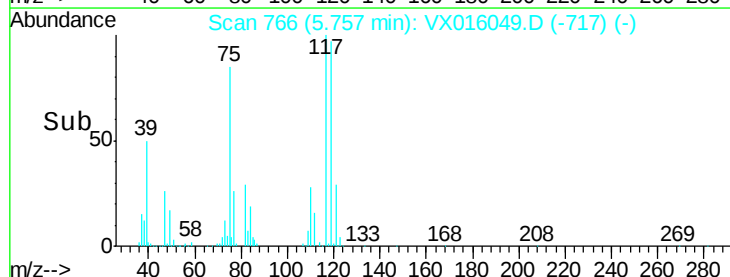
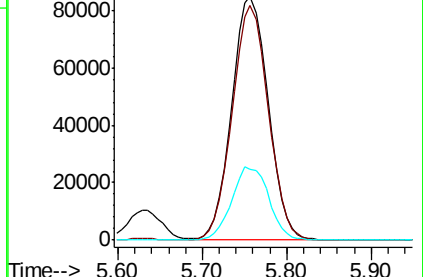
121 29.3 25.7 38.5

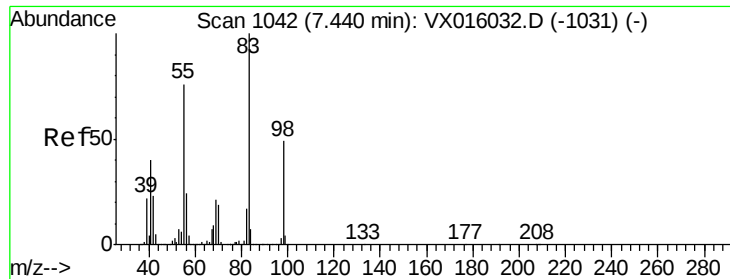


Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-755) (-)

Ion 118.80 (118.50 to 119.50): VX016032.D (-755) (-)

Ion 120.80 (120.50 to 121.50): VX016032.D (-755) (-)

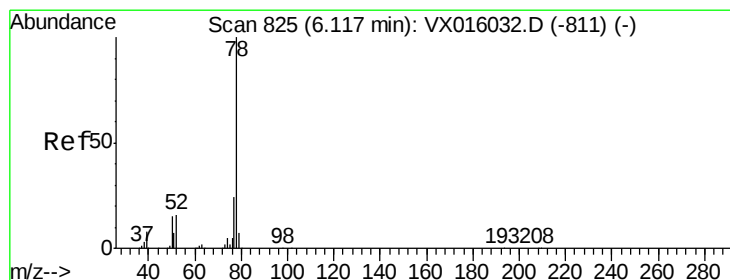
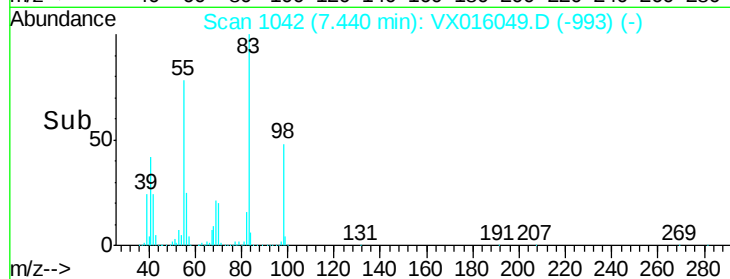
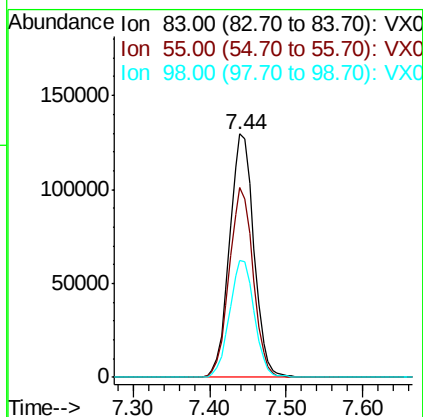
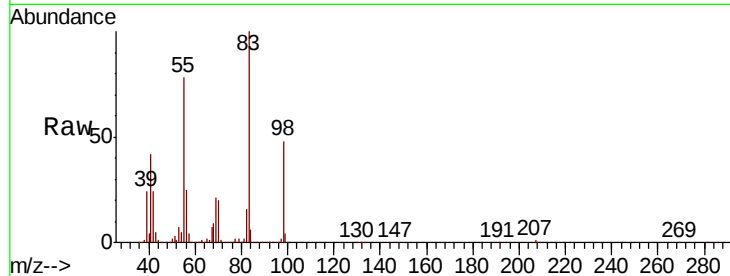




#39
Methvlcvclohexane
Concen: 48.045 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

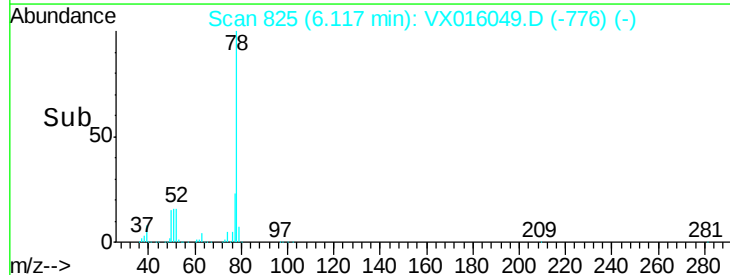
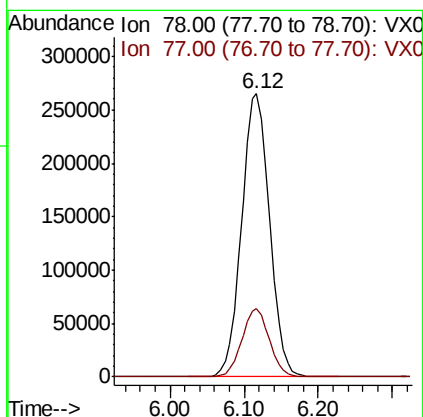
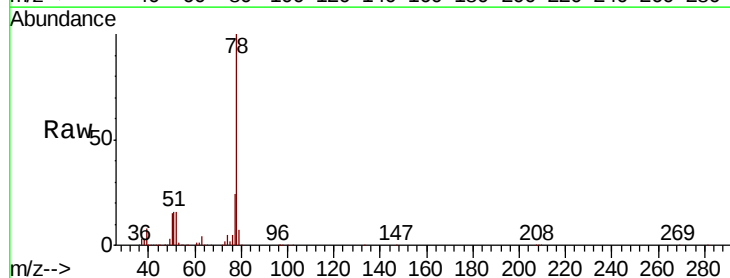
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

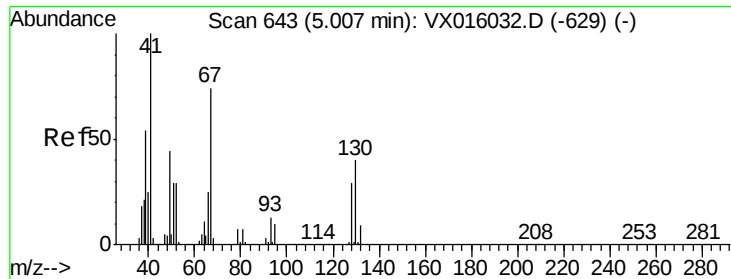
Tot Ion: 83 Resp: 284813
Ion Ratio Lower Upper
83 100
55 78.2 61.1 91.7
98 47.9 39.0 58.4



#40
Benzene
Concen: 48.480 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 78 Resp: 698251
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

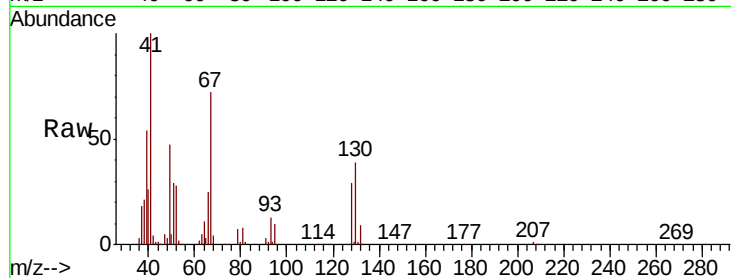




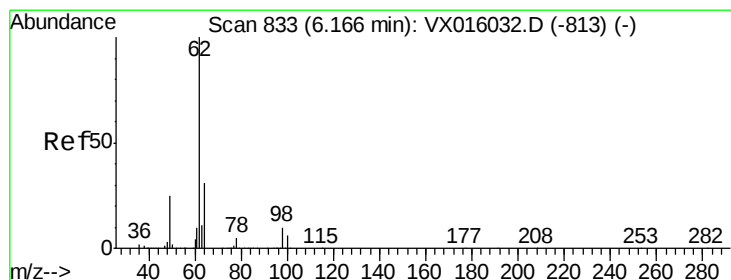
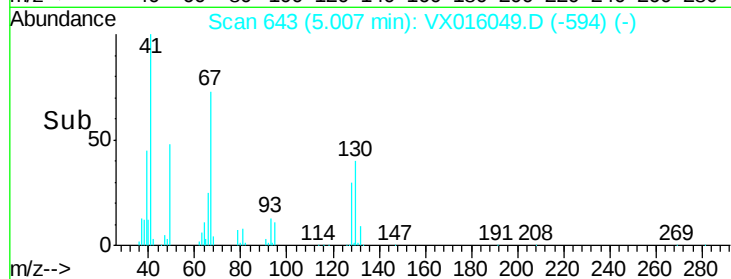
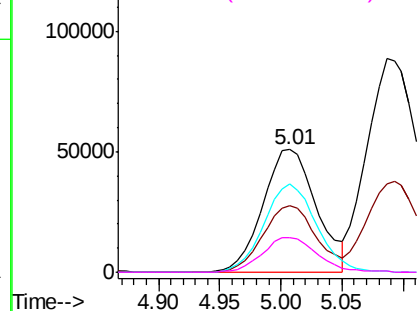
#41
Methacrylonitrile
Concen: 50.246 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	154815
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.2	64.8
67	71.1	59.3	88.9
52	28.2	23.5	35.3

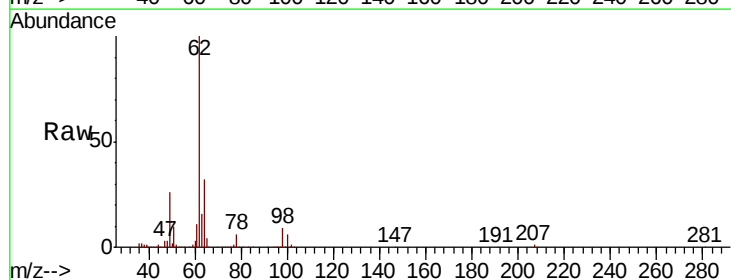


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

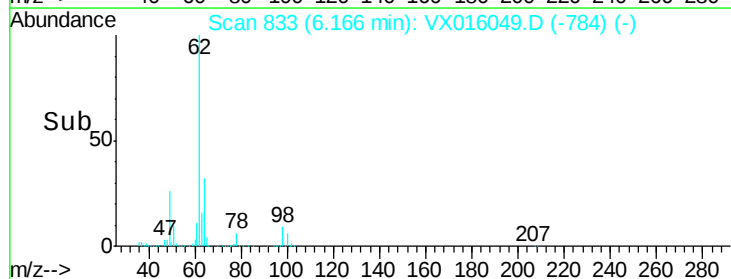
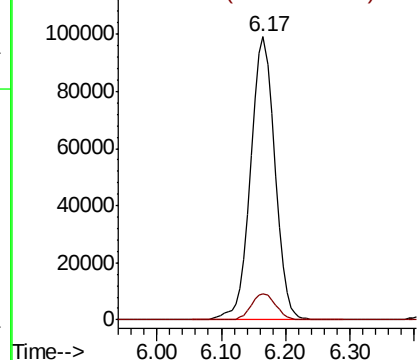


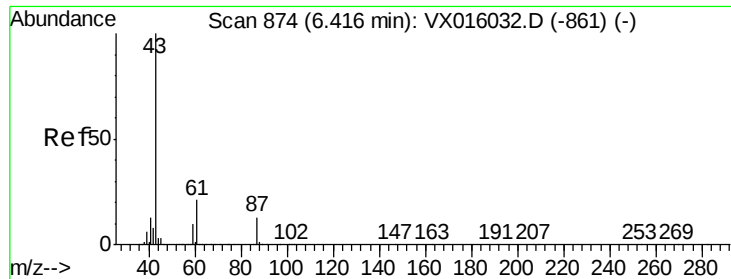
#42
1,2-Dichloroethane
Concen: 49.277 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion:	62	Resp:	255669
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



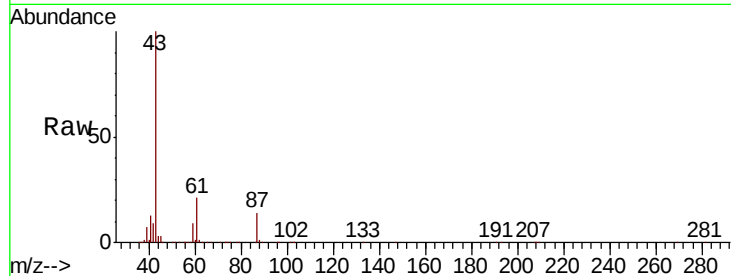


#43

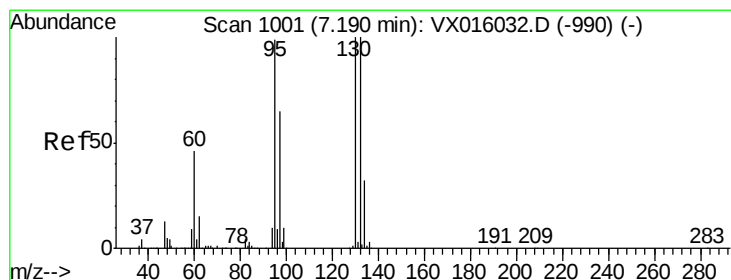
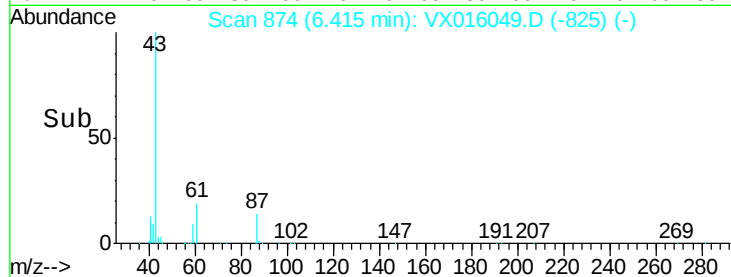
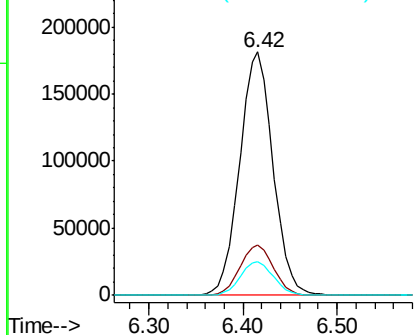
Isopropyl Acetate
 Concen: 49.069 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	13.9	11.0	16.6



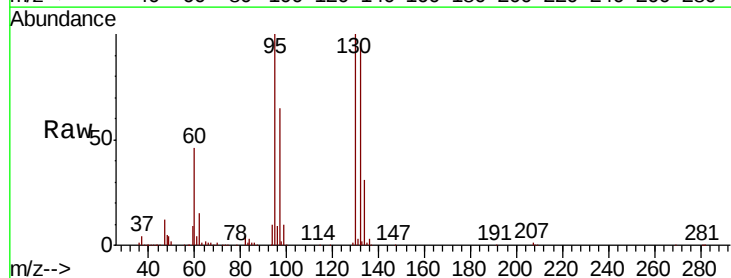
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



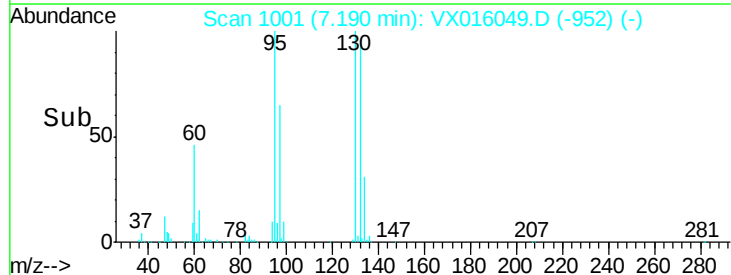
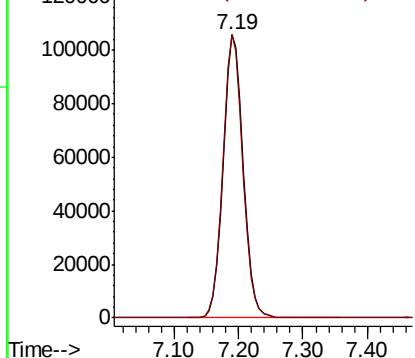
#44

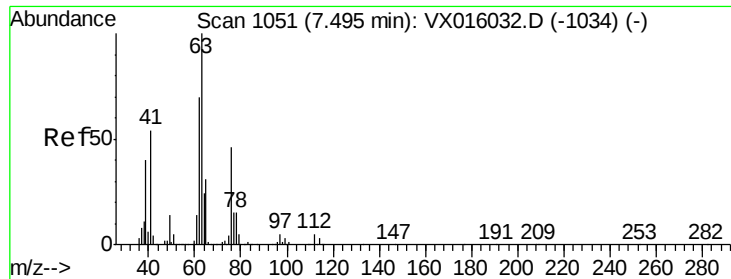
Trichloroethene
 Concen: 45.511 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.262 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

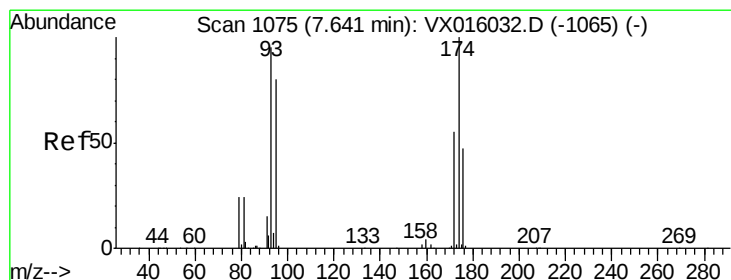
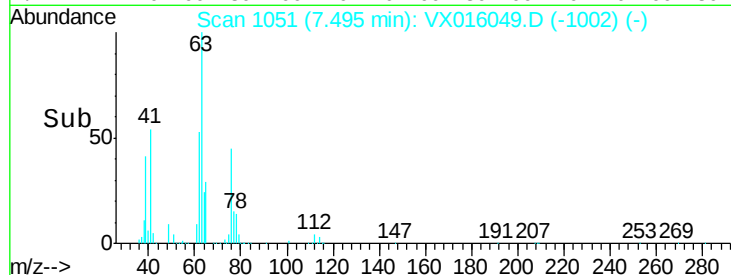
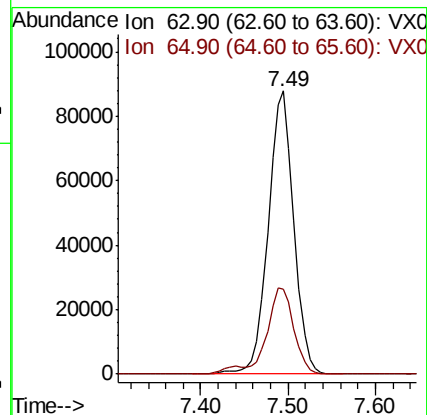
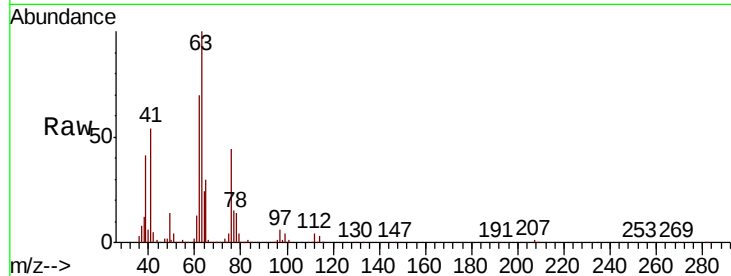
VSTDCCC050EC

Tot Ion: 63 Resp: 179531

Ion Ratio Lower Upper

63 100

65 30.1 24.4 36.6



#46

Dibromomethane

Concen: 49.317 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

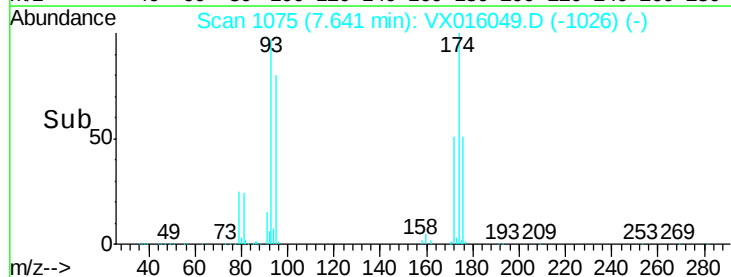
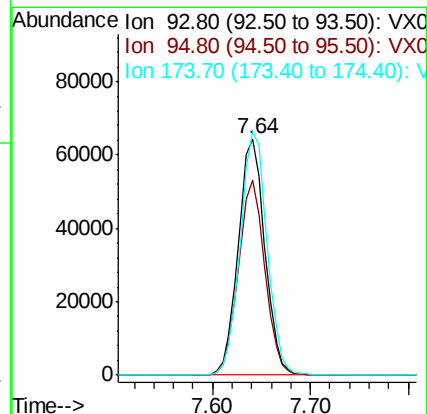
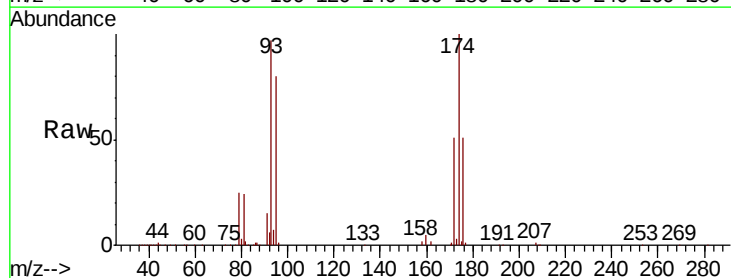
Tgt Ion: 93 Resp: 122140

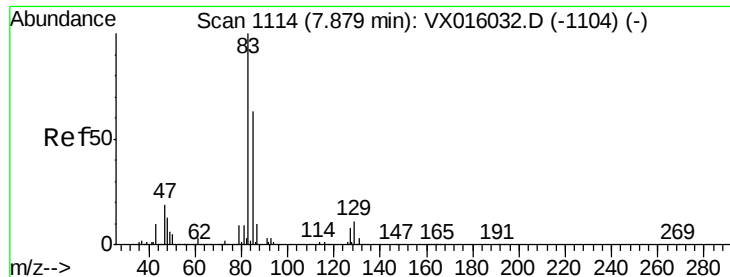
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 103.8 84.2 126.4





#47

Bromodichloromethane

Concen: 49.860 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

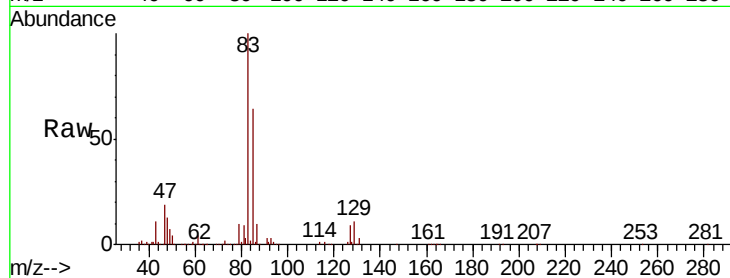
Tot Ion: 83 Resp: 251499

Ion Ratio Lower Upper

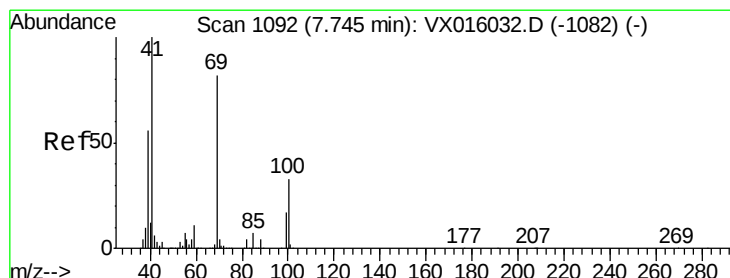
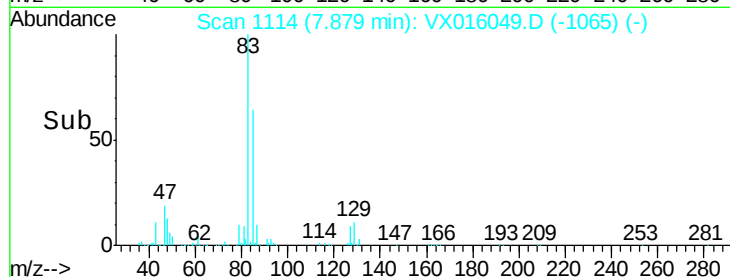
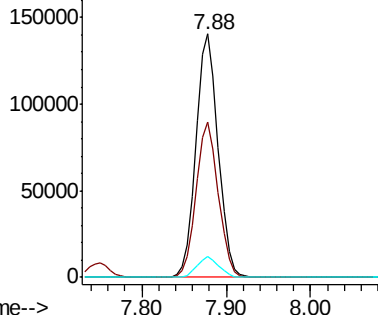
83 100

85 64.0 50.5 75.7

127 8.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.567 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

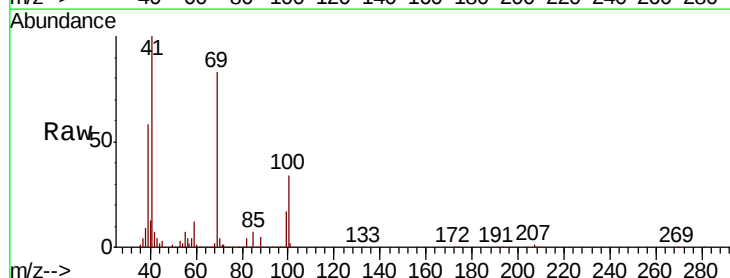
Tgt Ion: 41 Resp: 213803

Ion Ratio Lower Upper

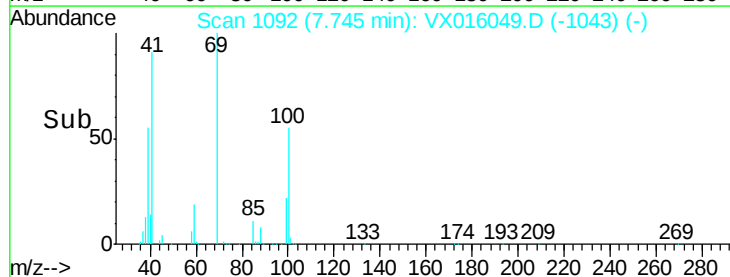
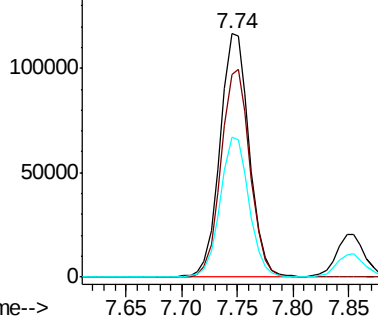
41 100

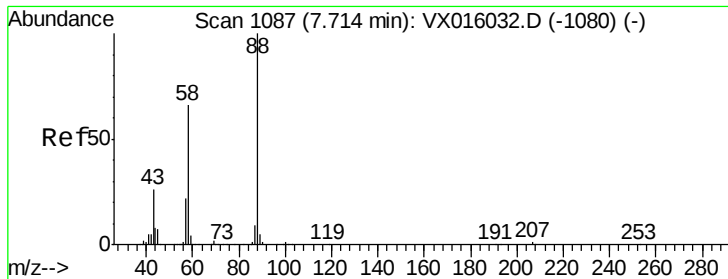
69 84.4 67.8 101.6

39 56.4 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

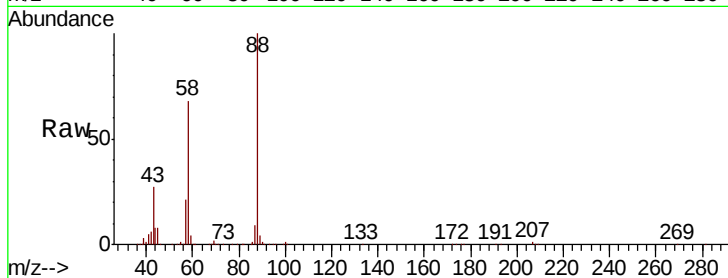




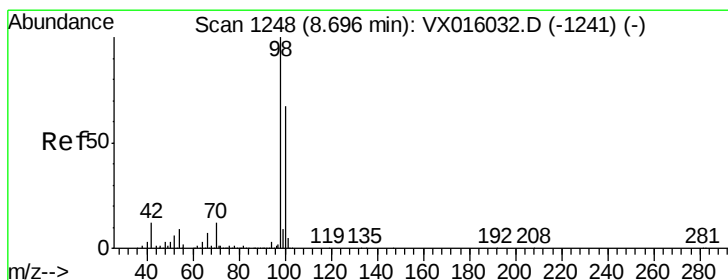
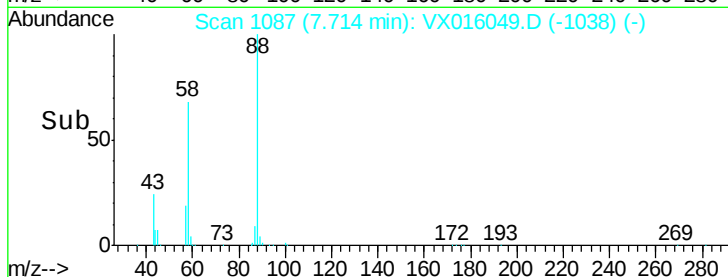
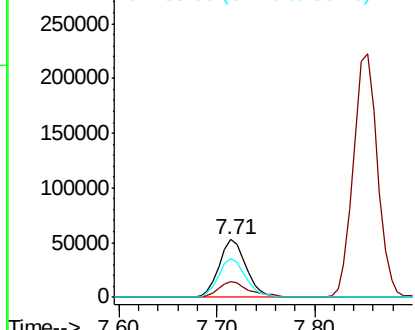
#49
1,4-Dioxane
Concen: 978.507 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 101227
Ion Ratio Lower Upper
88 100
43 30.7 25.3 37.9
58 69.9 55.9 83.9

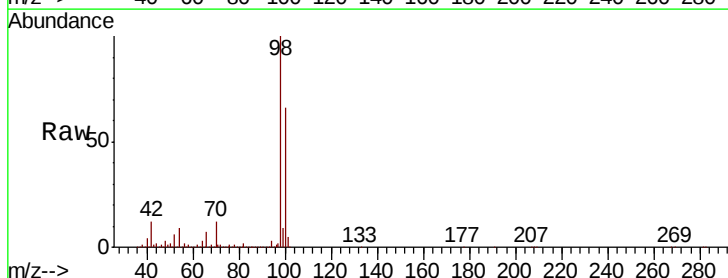


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

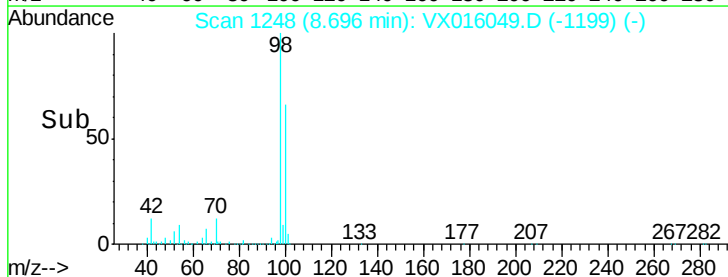
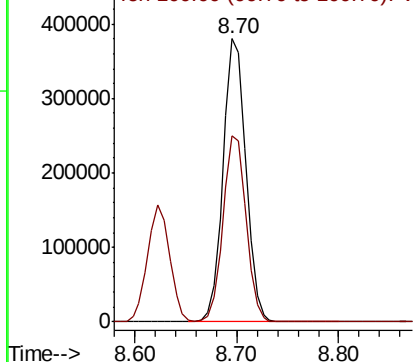


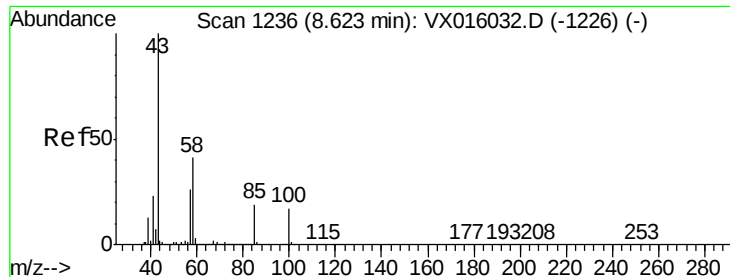
#50
Toluene-d8
Concen: 48.240 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 98 Resp: 588871
Ion Ratio Lower Upper
98 100
100 66.4 53.7 80.5



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

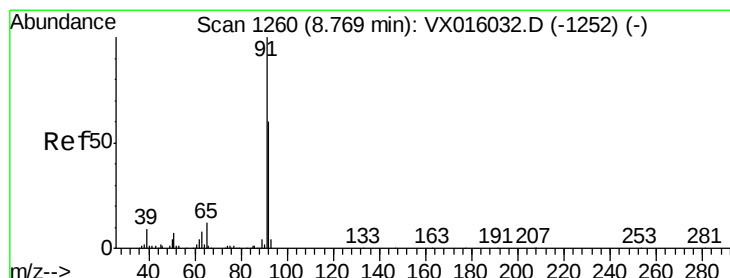
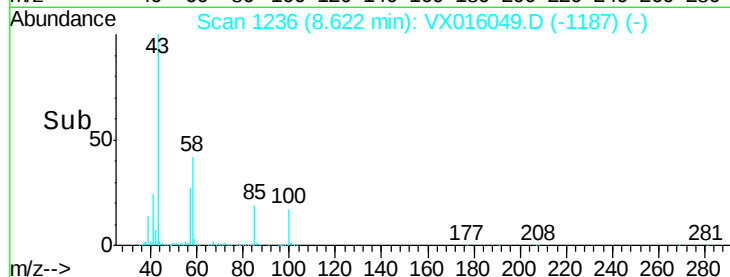
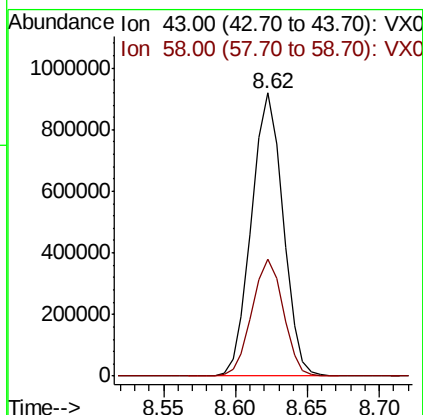
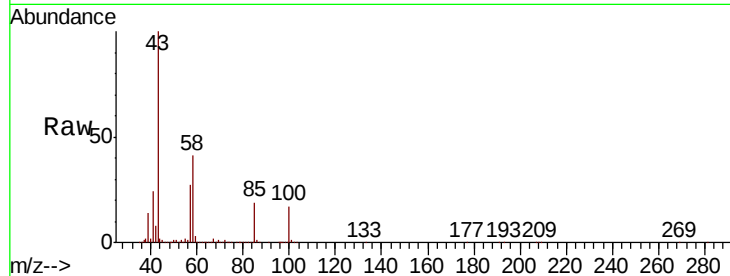




#51
 4-Methyl-2-Pentanone
 Concen: 250.587 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

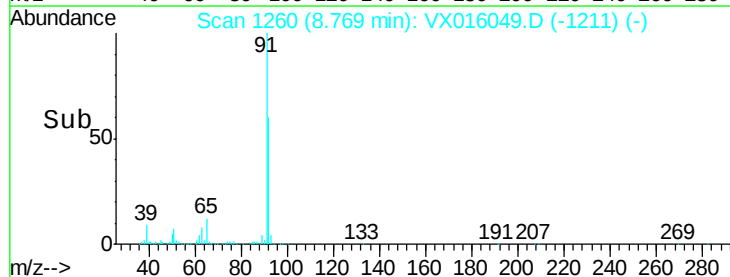
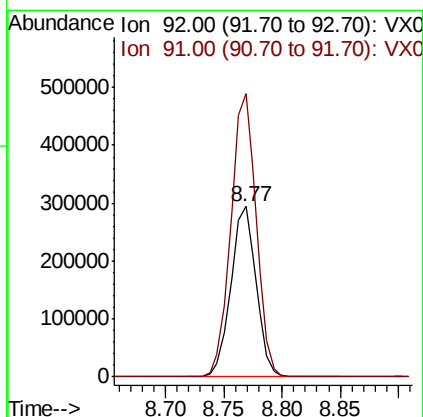
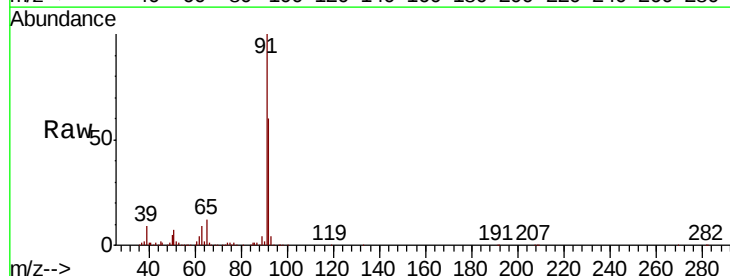
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

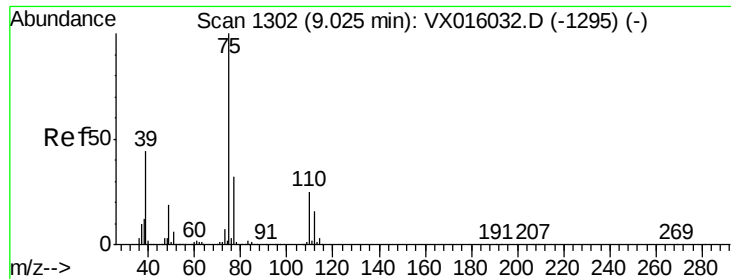
Tot Ion: 43 Resp: 1395895
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.0 49.4



#52
 Toluene
 Concen: 49.458 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion: 92 Resp: 444013
 Ion Ratio Lower Upper
 92 100
 91 167.4 134.5 201.7

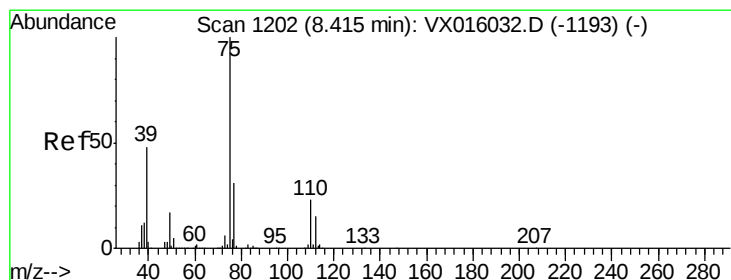
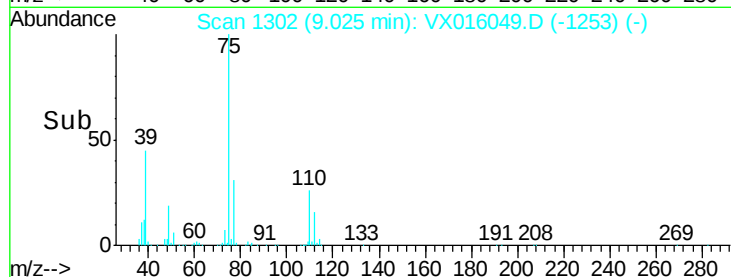
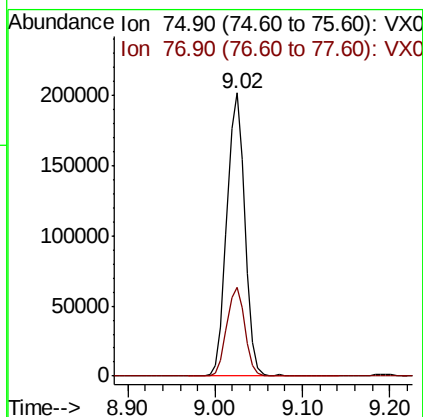
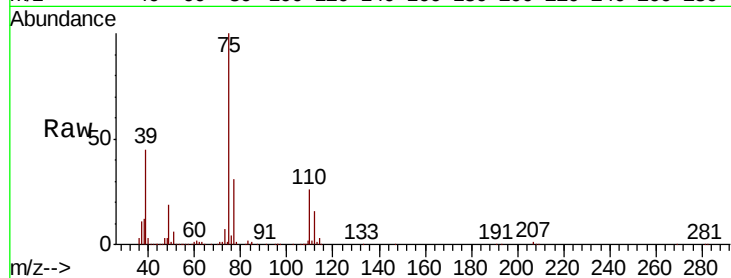




#53
t-1,3-Dichloropropene
Concen: 47.867 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

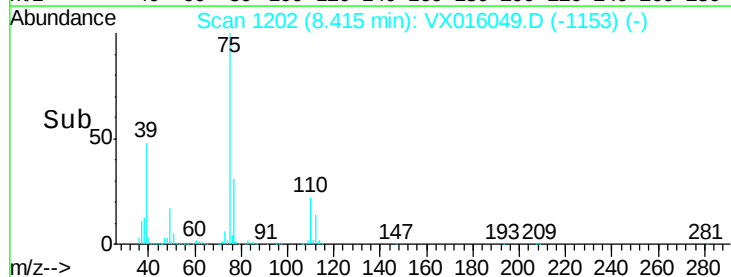
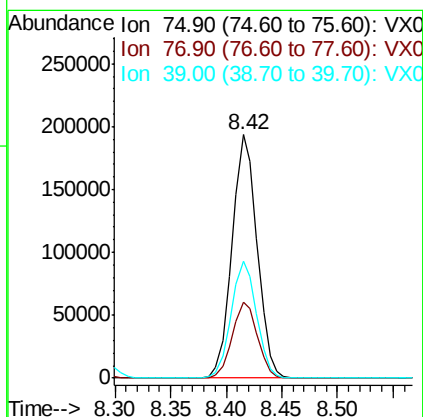
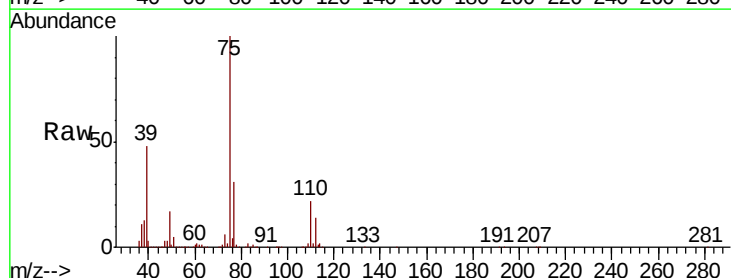
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

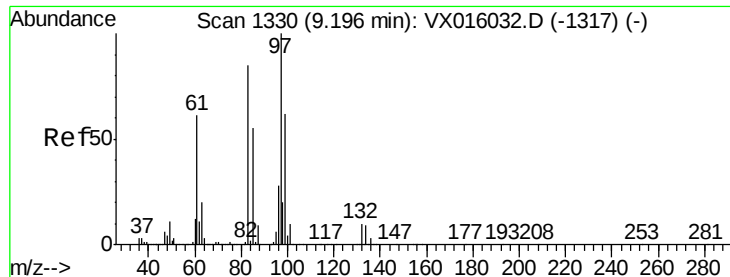
Tot Ion: 75 Resp: 287874
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 47.970 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 75 Resp: 301335
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1
39 47.8 38.7 58.1

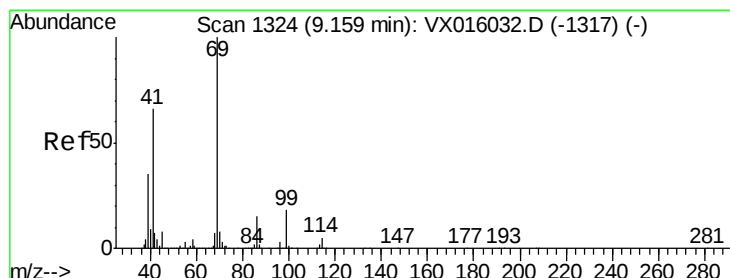
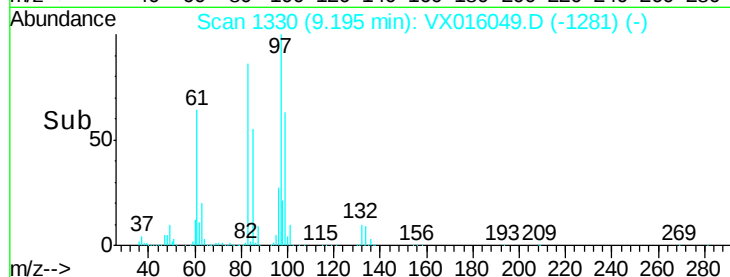
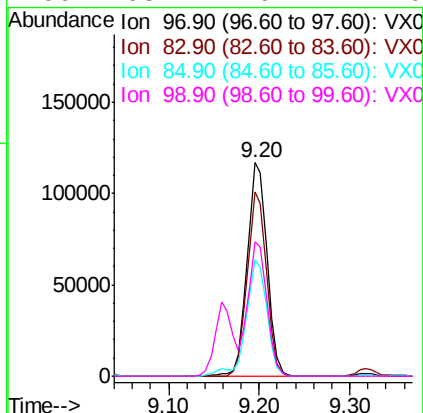
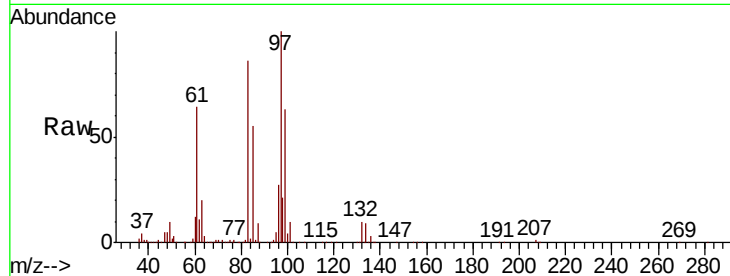




#55
 1,1,2-Trichloroethane
 Concen: 50.211 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

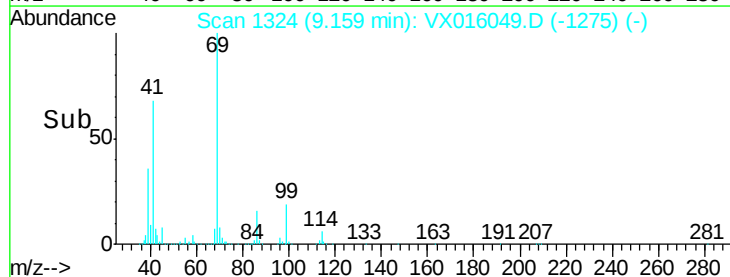
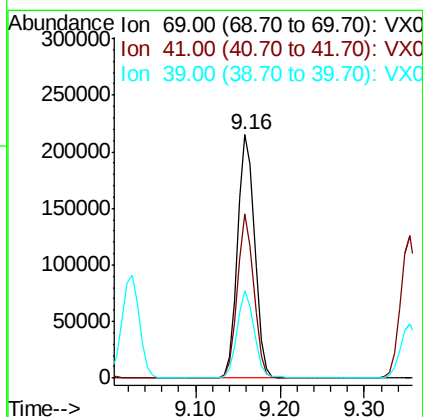
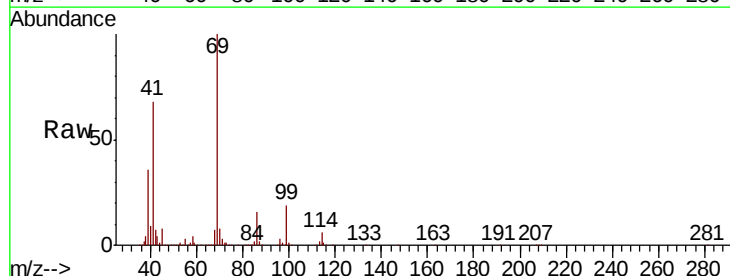
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

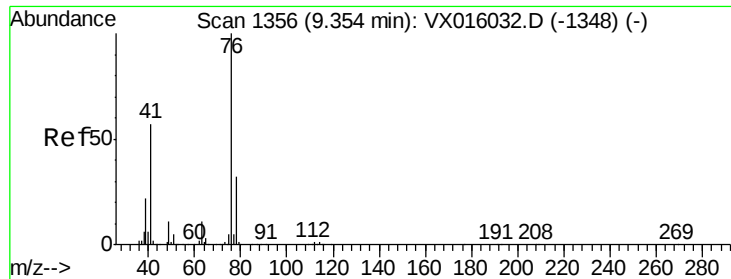
Tot Ion:	97	Resp:	177352
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.8	101.8
85	54.5	43.8	65.8
99	63.1	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.842 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion:	69	Resp:	293130
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.2	78.4
39	35.7	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.676 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

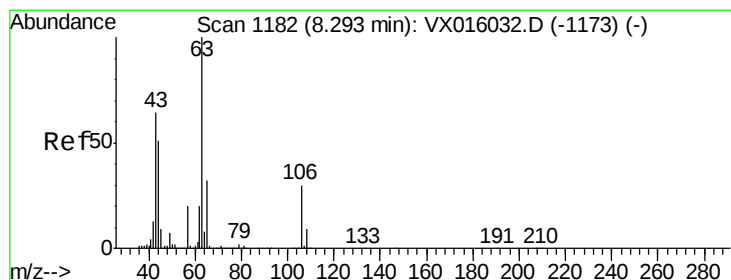
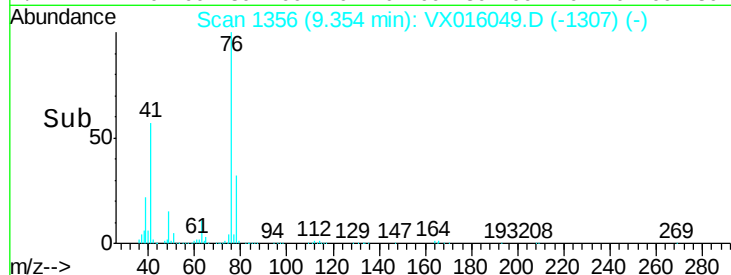
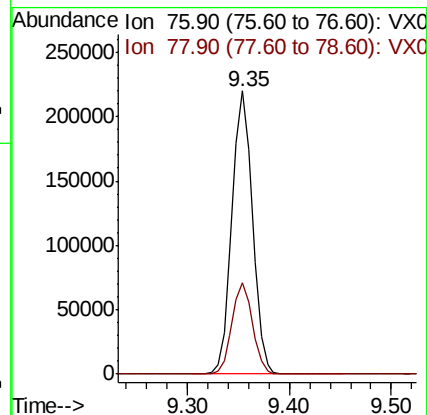
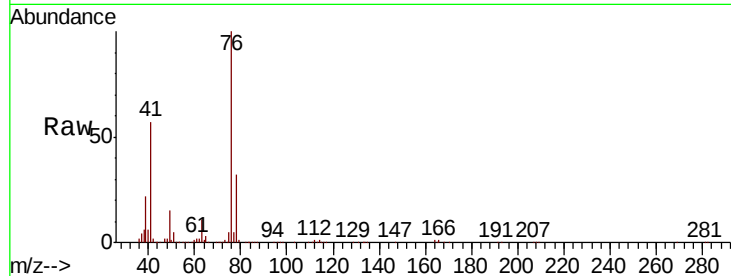
VSTDCCC050EC

Tot Ion: 76 Resp: 306162

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 244.438 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016049.D

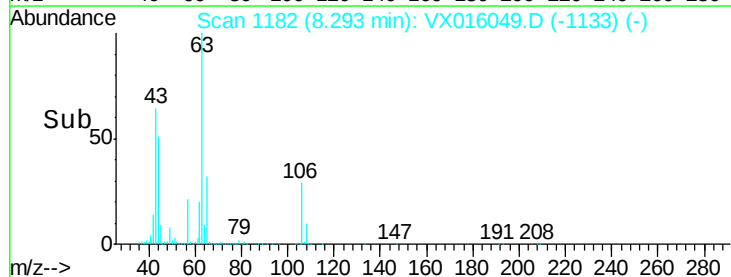
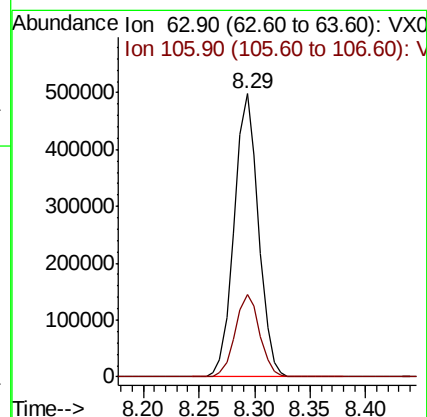
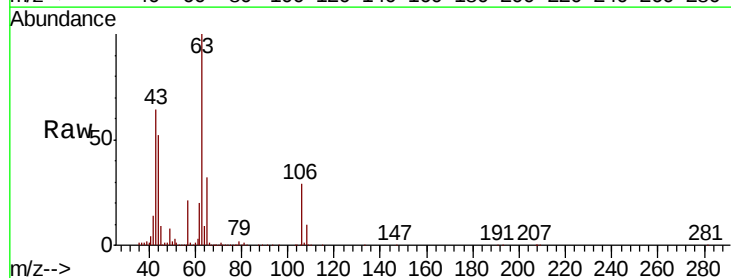
Acq: 04 May 2020 20:32

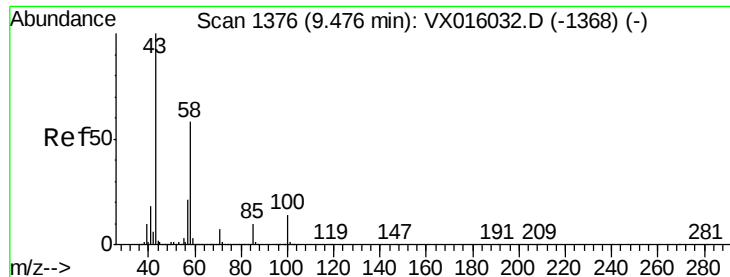
Tgt Ion: 63 Resp: 750281

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2

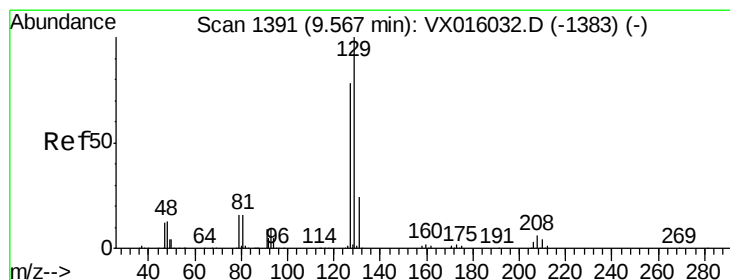
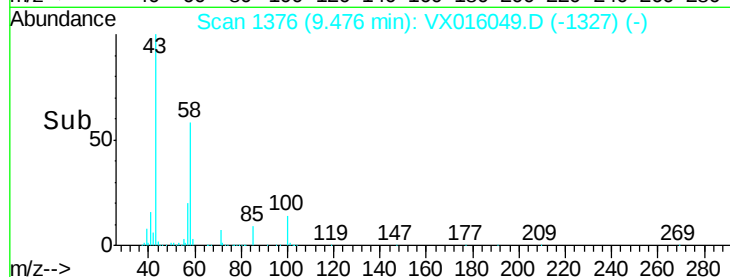
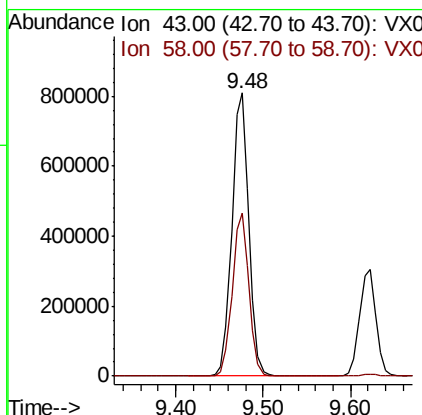
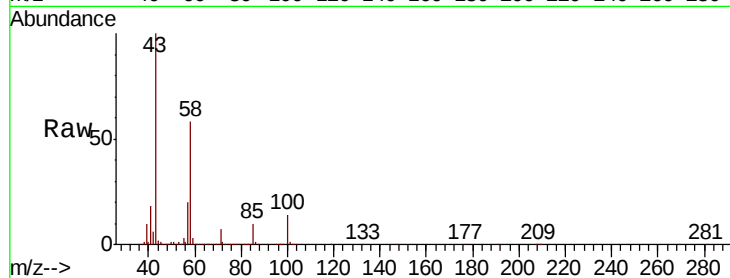




#59
2-Hexanone
Concen: 248.804 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

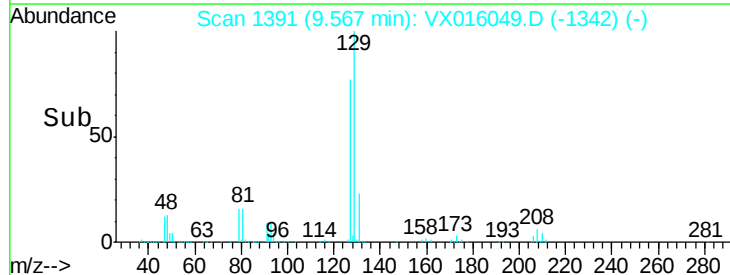
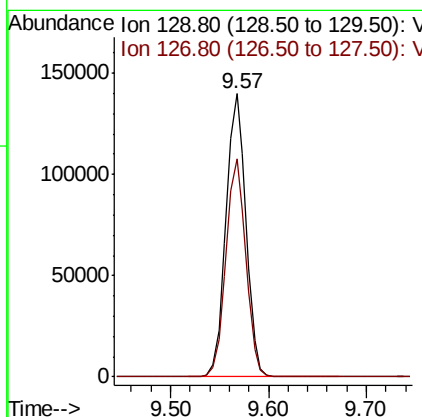
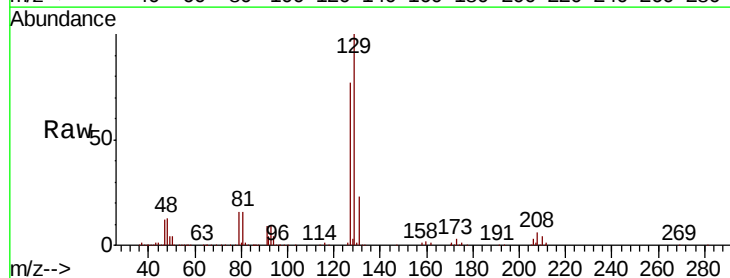
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

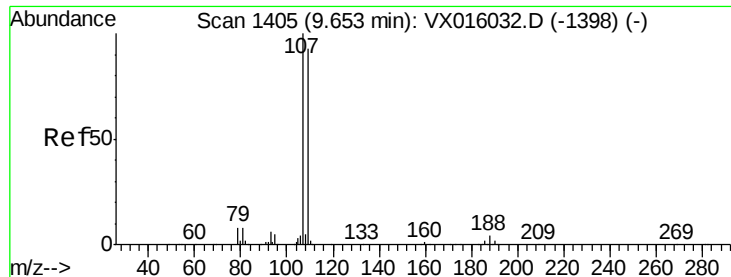
Tot Ion: 43 Resp: 1088431
Ion Ratio Lower Upper
43 100
58 57.1 28.6 85.9



#60
Dibromochloromethane
Concen: 50.908 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 129 Resp: 198039
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.862 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

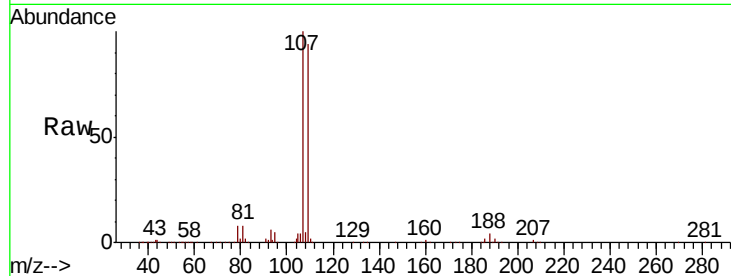
VSTDCCC050EC

Tot Ion: 107 Resp: 190769

Ion Ratio Lower Upper

107 100

109 93.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

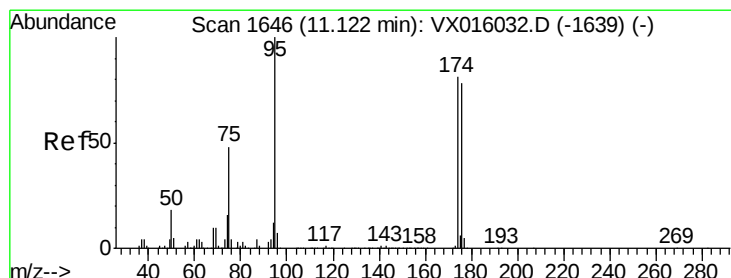
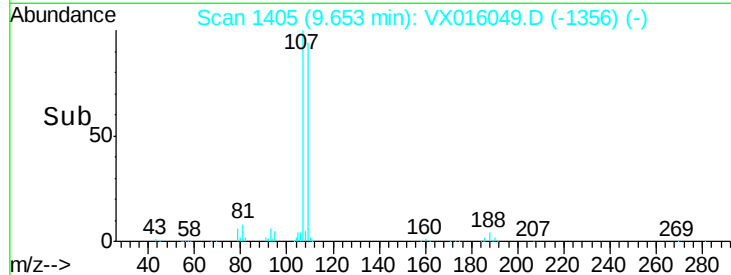
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.953 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

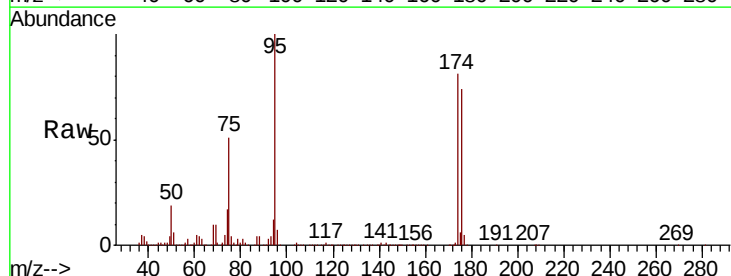
Tgt Ion: 95 Resp: 227288

Ion Ratio Lower Upper

95 100

174 82.1 0.0 159.4

176 77.7 0.0 157.6



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

250000

200000

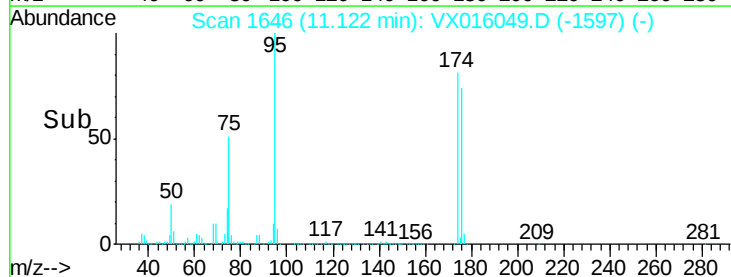
150000

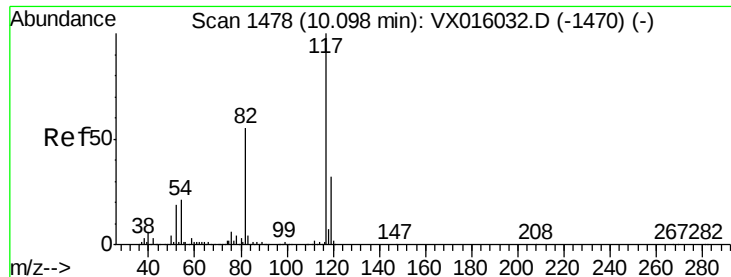
100000

50000

0

Time-->

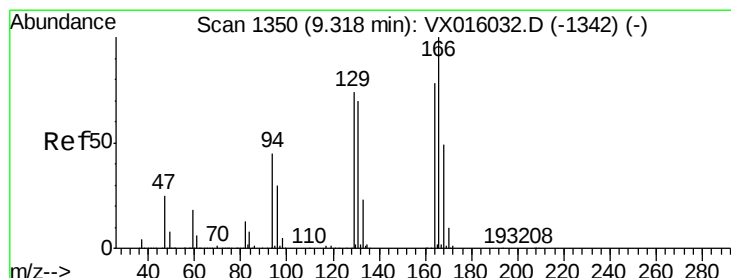
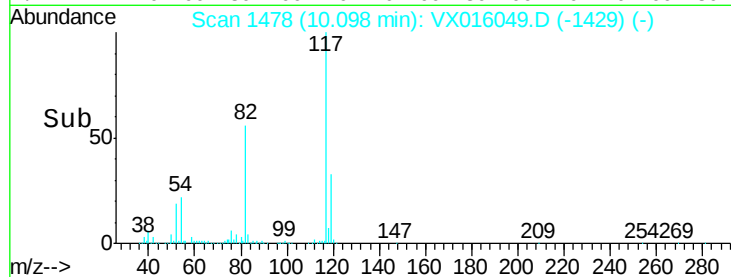
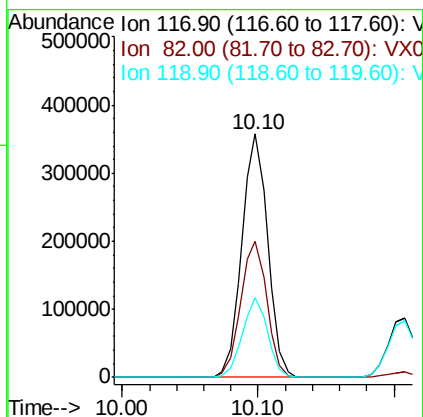
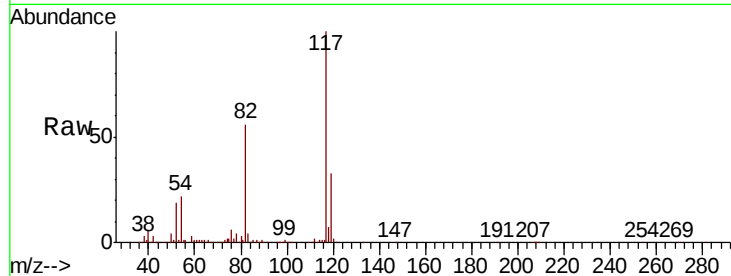




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

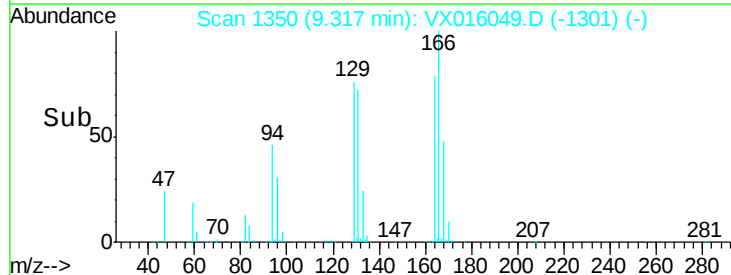
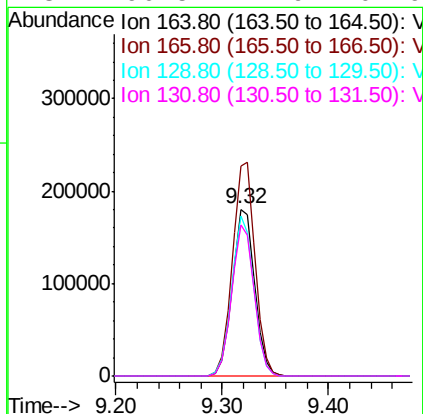
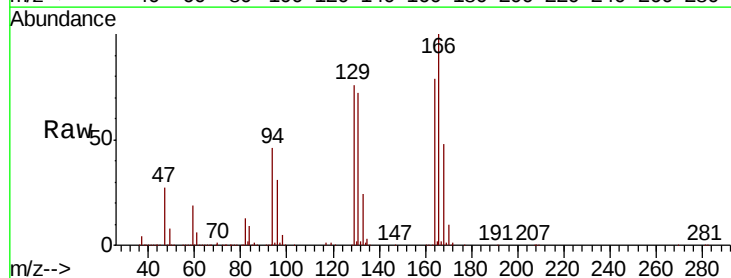
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

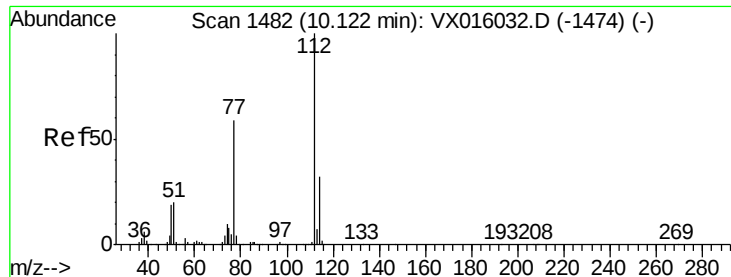
Tot Ion:117 Resp: 474784
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 45.805 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion:164 Resp: 266979
Ion Ratio Lower Upper
164 100
166 126.0 102.9 154.3
129 95.8 76.1 114.1
131 90.5 71.9 107.9





#65

Chlorobenzene

Concen: 47.554 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

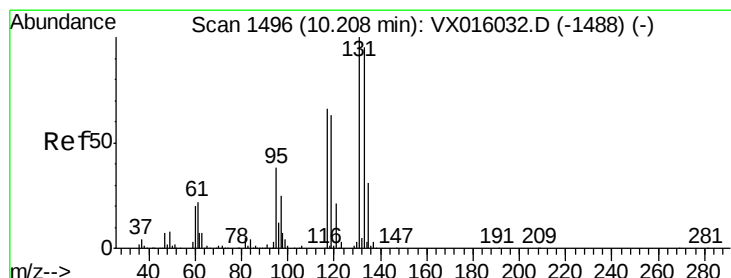
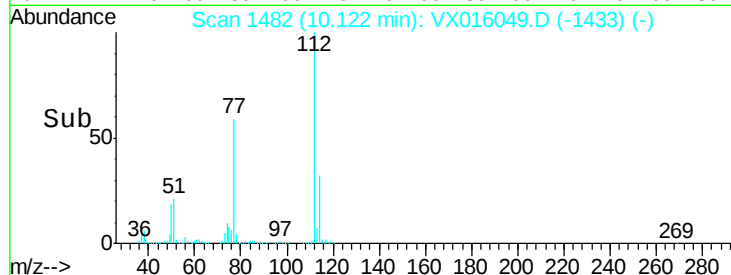
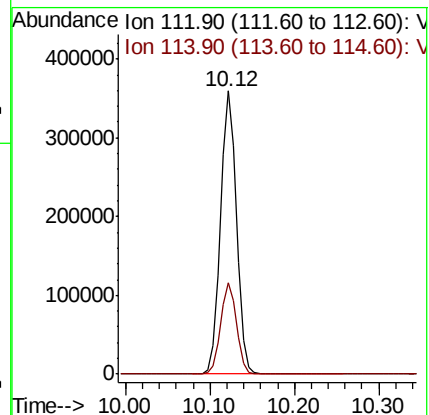
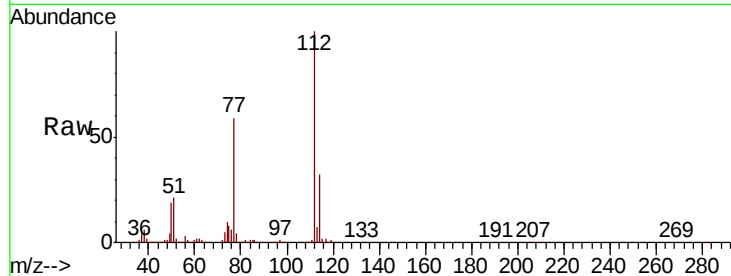
VSTDCCC050EC

Tot Ion:112 Resp: 472757

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.523 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

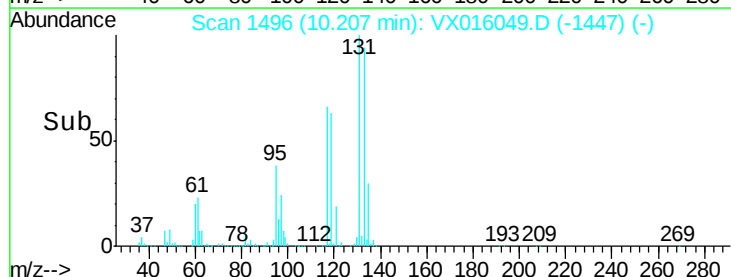
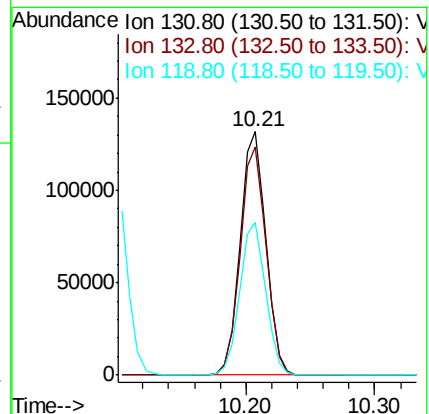
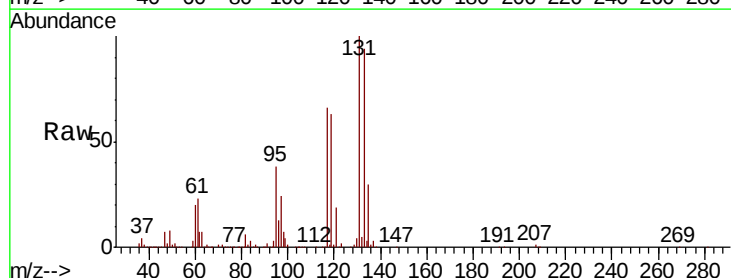
Tgt Ion:131 Resp: 181969

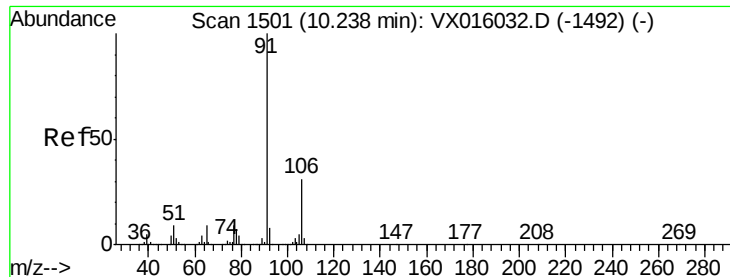
Ion Ratio Lower Upper

131 100

133 94.6 48.3 144.8

119 63.1 32.3 96.9

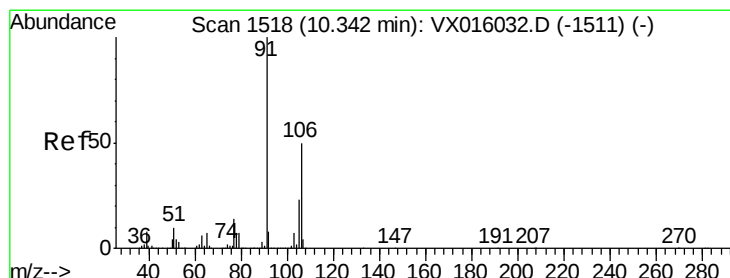
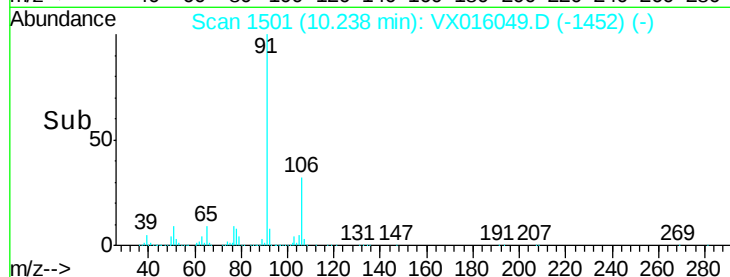
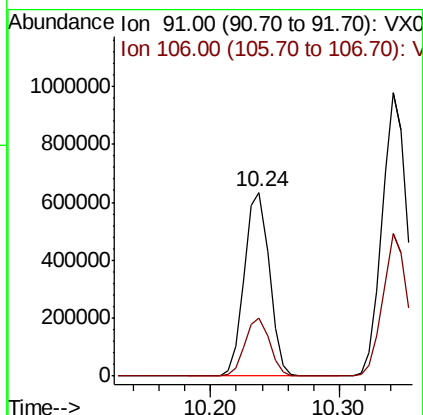
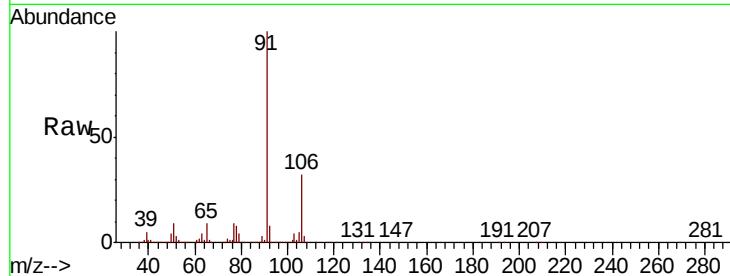




#67
Ethyl Benzene
Concen: 47.894 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

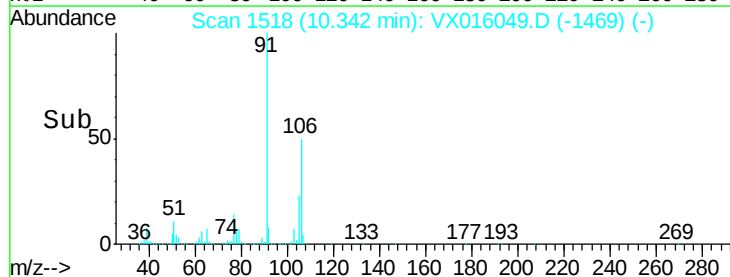
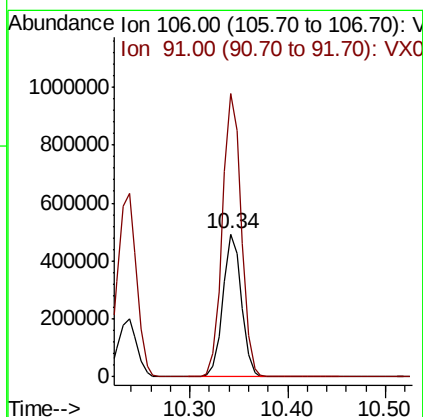
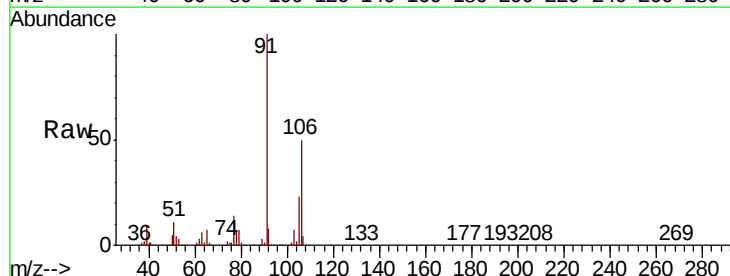
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

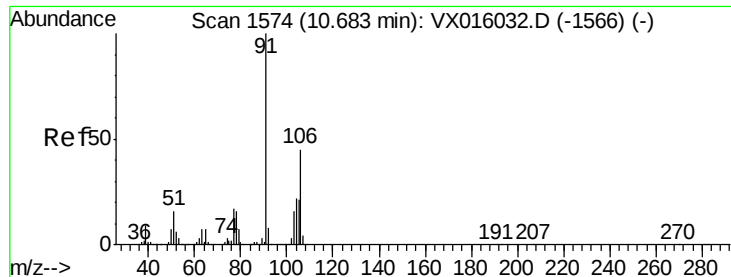
Tot Ion: 91 Resp: 849550
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 97.035 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 106 Resp: 644870
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5

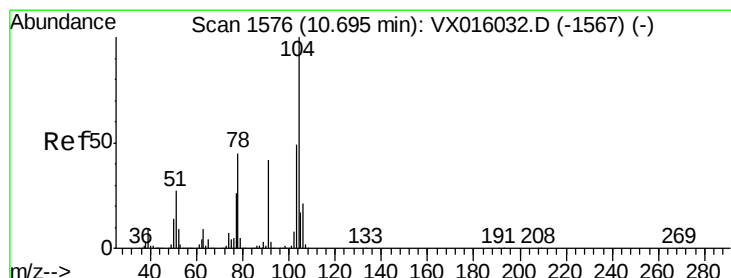
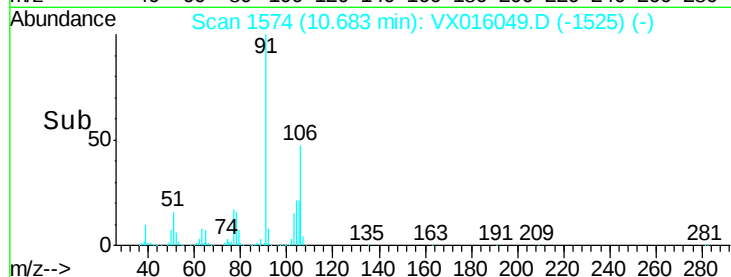
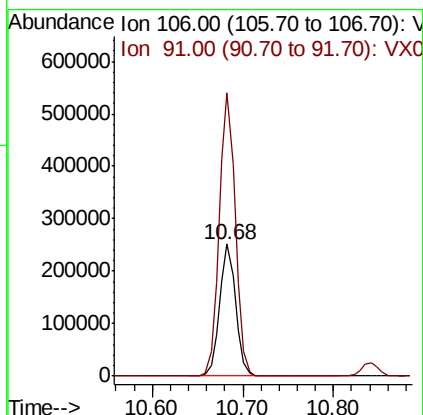
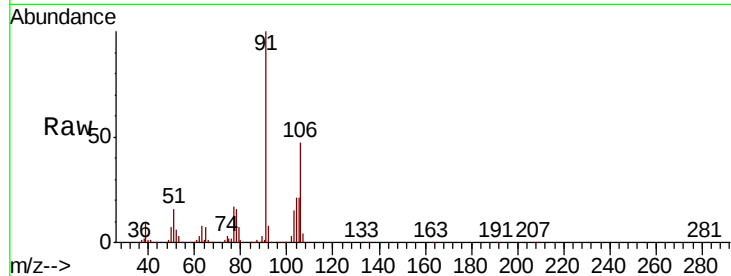




#69
o-Xylene
Concen: 48.441 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

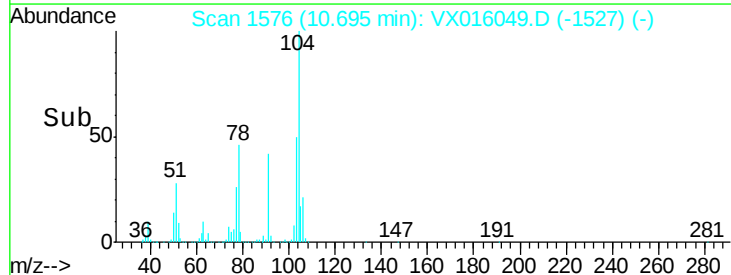
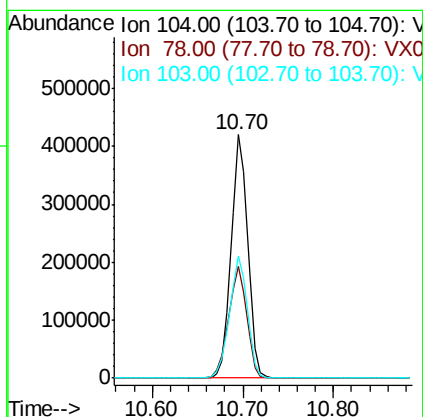
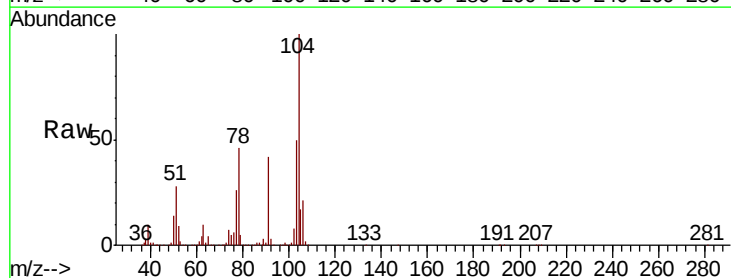
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

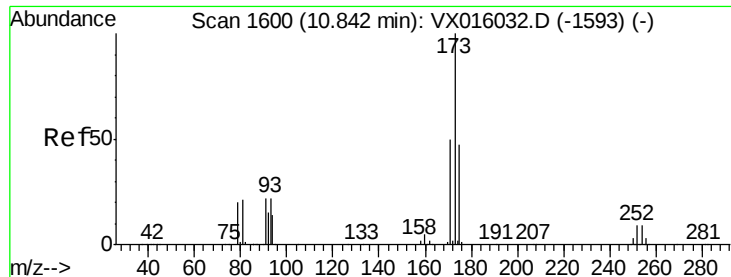
Tot Ion:106 Resp: 309448
Ion Ratio Lower Upper
106 100
91 215.6 107.5 322.6



#70
Styrene
Concen: 49.331 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion:104 Resp: 534628
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.2
103 53.8 43.0 64.6





#71

Bromoform

Concen: 49.087 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

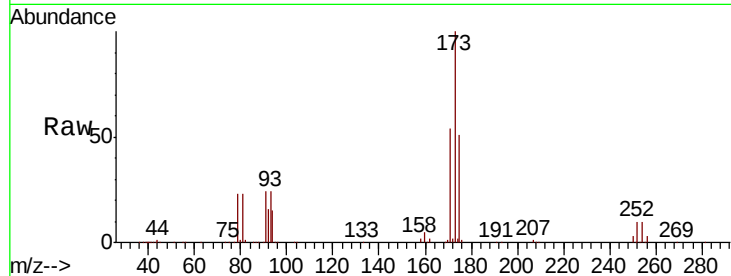
Tot Ion:173 Resp: 146952

Ion Ratio Lower Upper

173 100

175 48.9 24.0 72.0

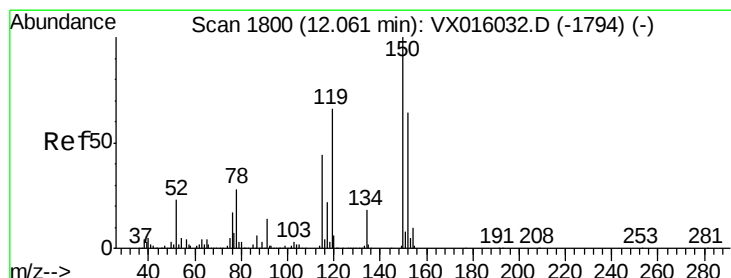
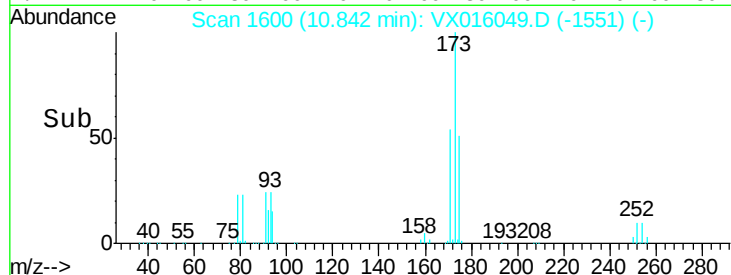
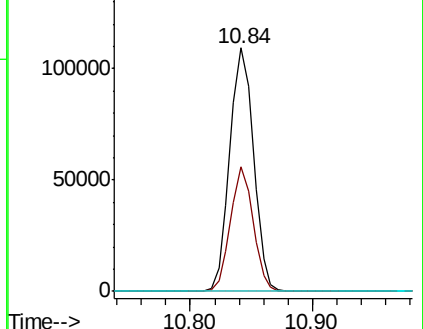
254 0.1 0.1 0.1



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: VX016049.D

Acq: 04 May 2020 20:32

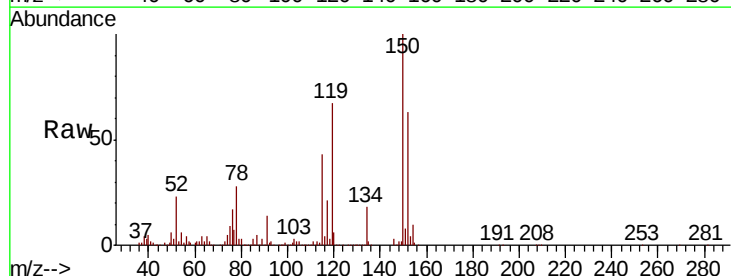
Tgt Ion:152 Resp: 242420

Ion Ratio Lower Upper

152 100

115 81.1 41.3 124.1

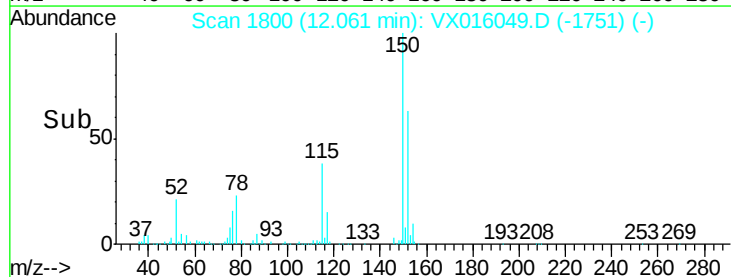
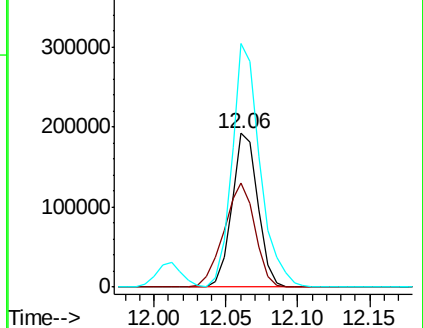
150 170.3 0.0 352.2

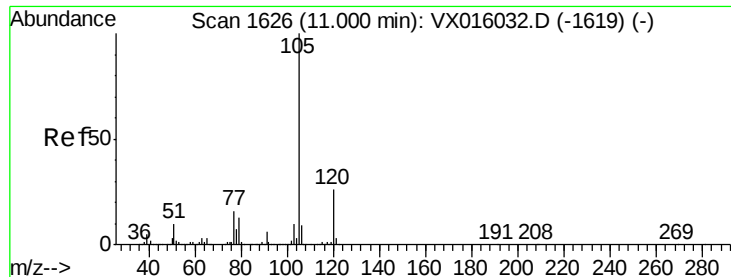


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.606 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

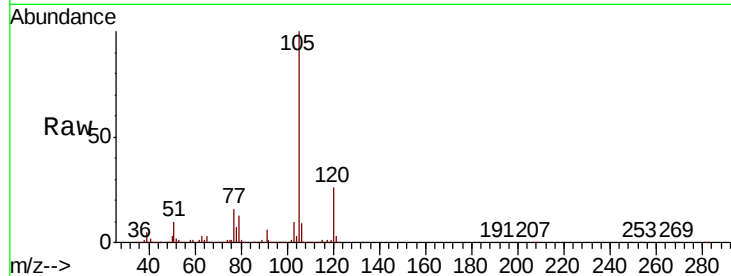
VSTDCCC050EC

Tot Ion:105 Resp: 839402

Ion Ratio Lower Upper

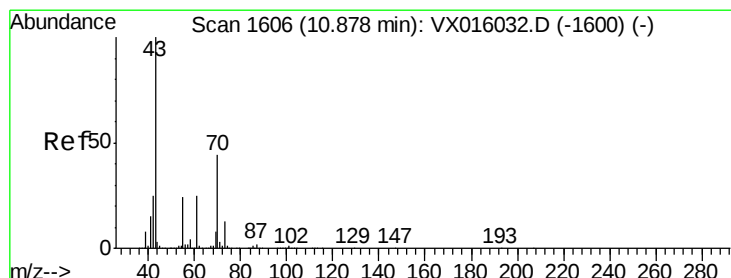
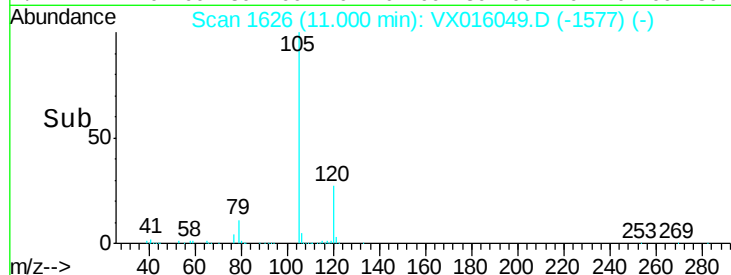
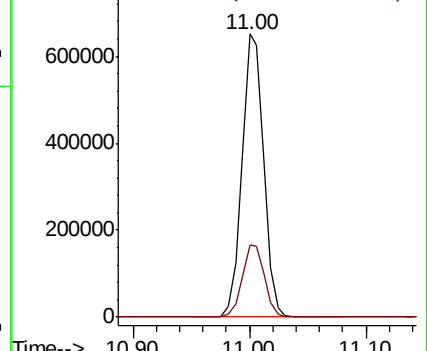
105 100

120 26.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.292 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Tgt Ion: 43 Resp: 388952

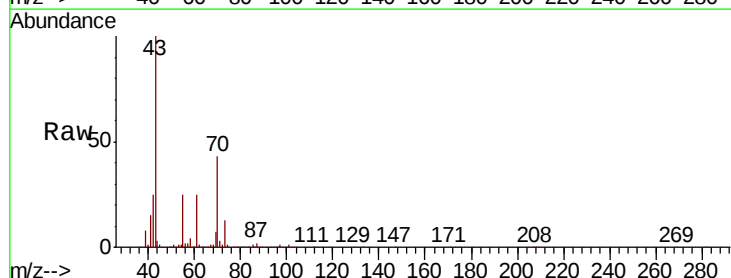
Ion Ratio Lower Upper

43 100

70 44.9 36.5 54.7

55 24.8 19.7 29.5

61 25.5 20.9 31.3

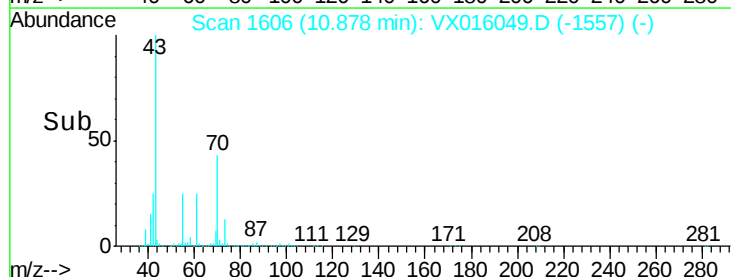
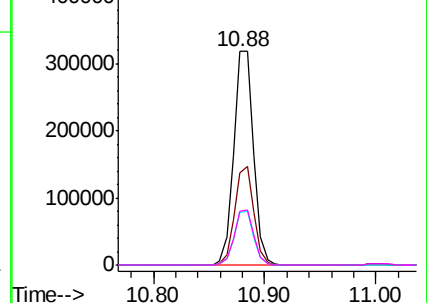


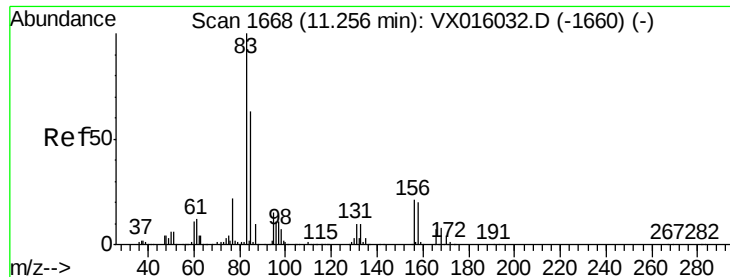
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.324 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

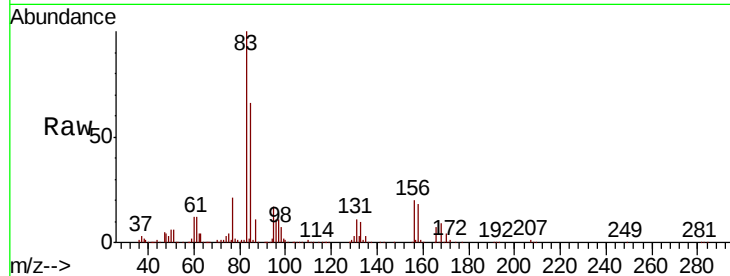
Tot Ion: 83 Resp: 176311

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

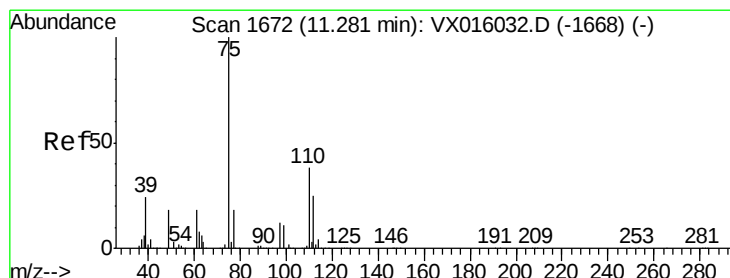
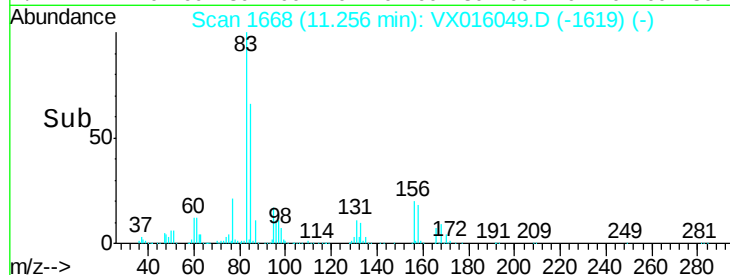
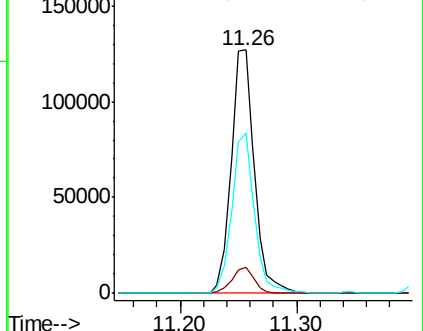
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.824 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016049.D

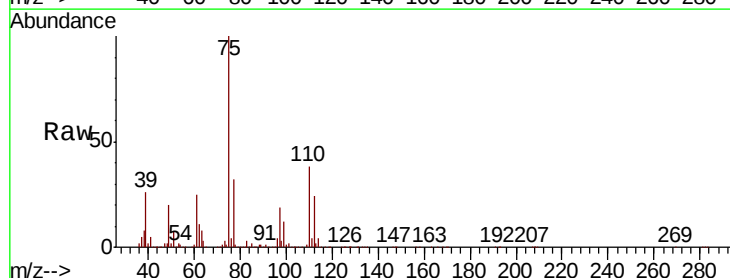
Acq: 04 May 2020 20:32

Tgt Ion: 75 Resp: 345599

Ion Ratio Lower Upper

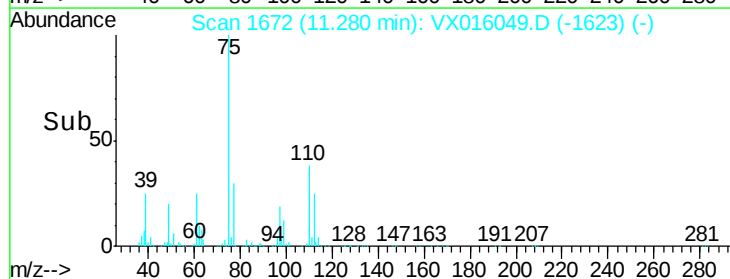
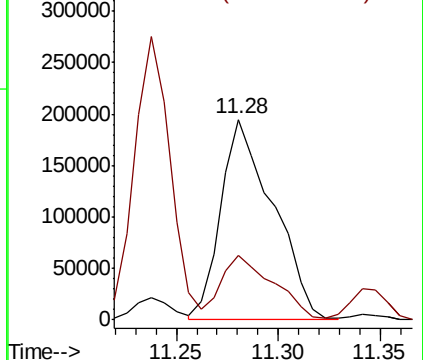
75 100

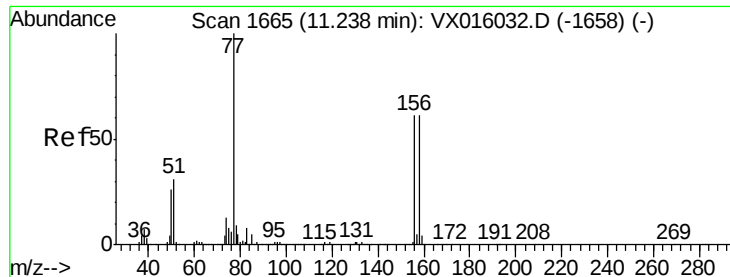
77 32.0 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.359 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

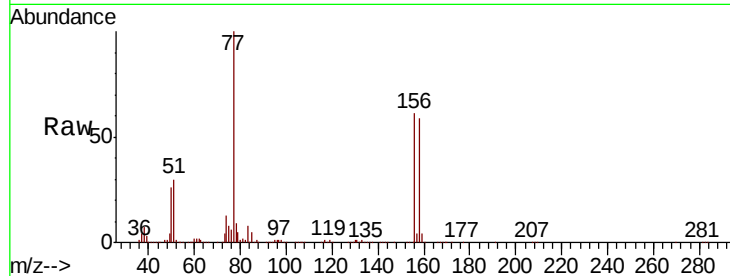
Tot Ion:156 Resp: 206438

Ion Ratio Lower Upper

156 100

77 163.9 80.1 240.3

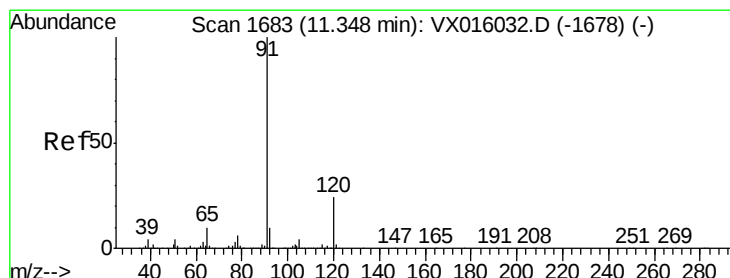
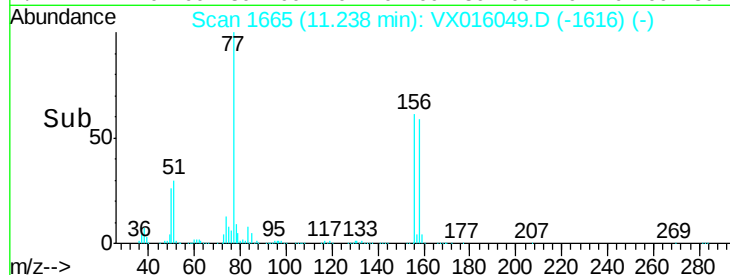
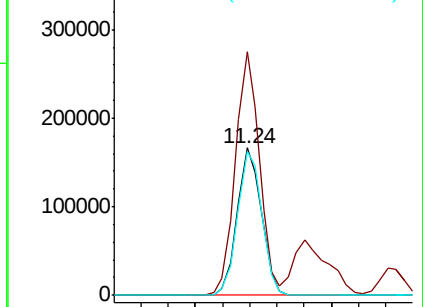
158 98.5 49.4 148.2



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: 46.817 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016049.D

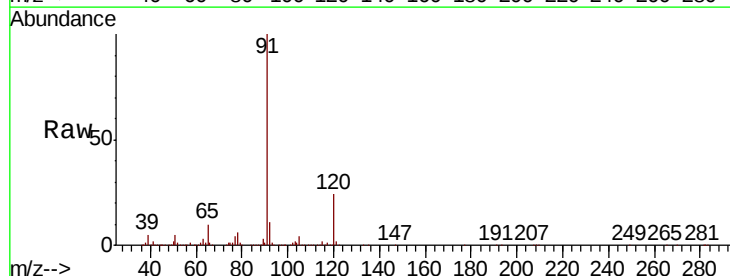
Acq: 04 May 2020 20:32

Tgt Ion: 91 Resp: 960321

Ion Ratio Lower Upper

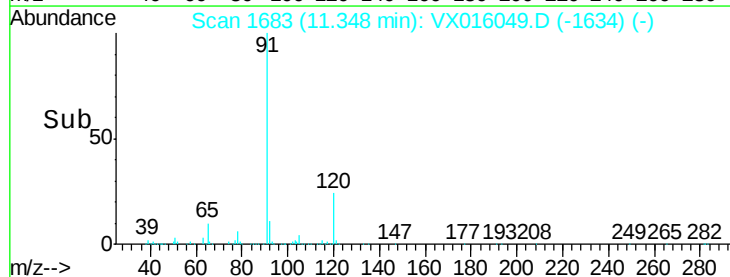
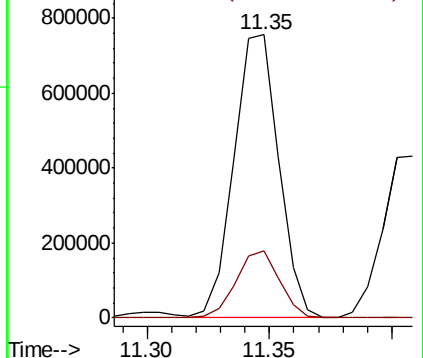
91 100

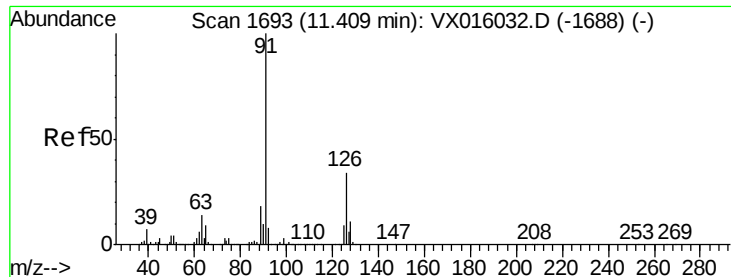
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.691 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

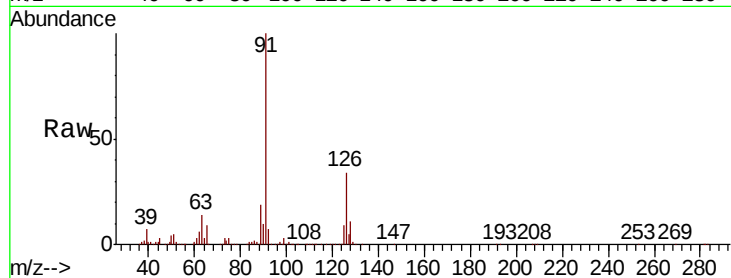
VSTDCCC050EC

Tot Ion: 91 Resp: 565336

Ion Ratio Lower Upper

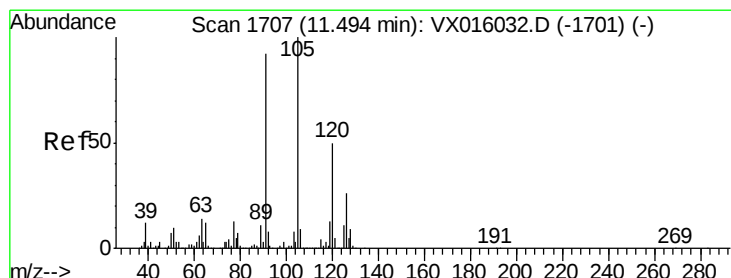
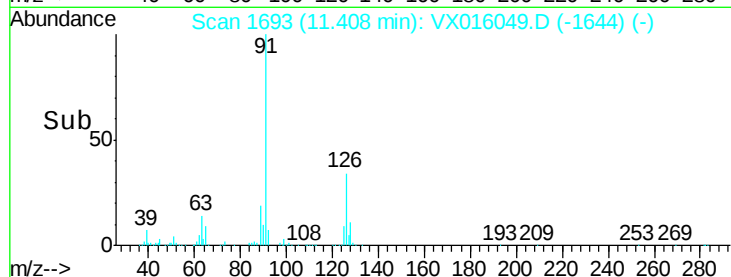
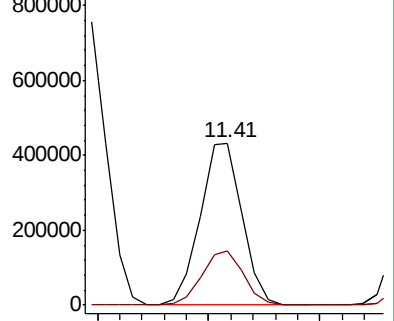
91 100

126 33.2 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.222 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016049.D

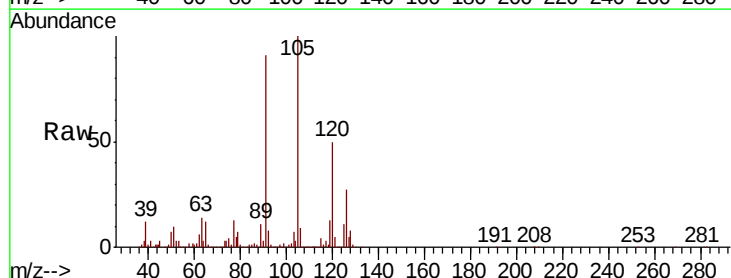
Acq: 04 May 2020 20:32

Tgt Ion: 105 Resp: 703013

Ion Ratio Lower Upper

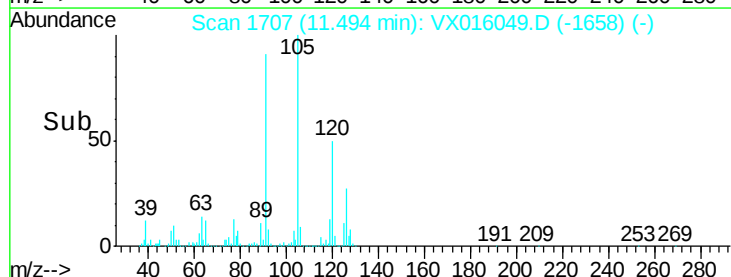
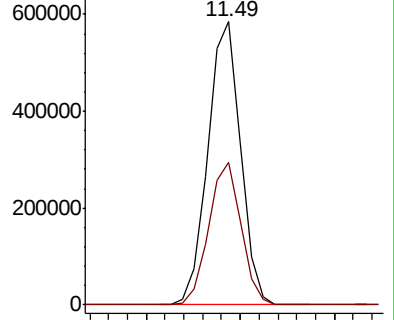
105 100

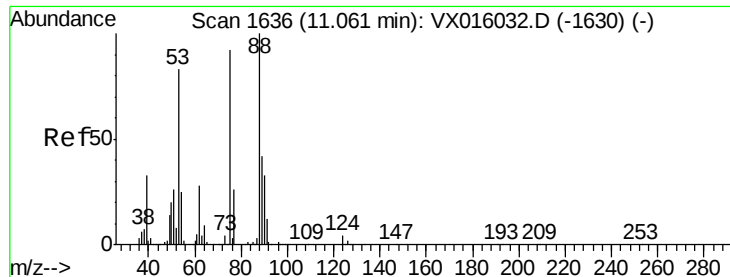
120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.657 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

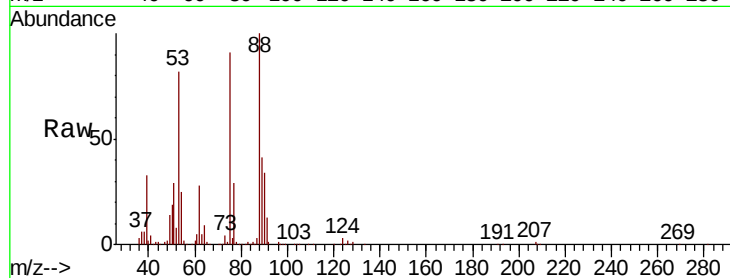
Tot Ion: 75 Resp: 105394

Ion Ratio Lower Upper

75 100

53 92.0 73.1 109.7

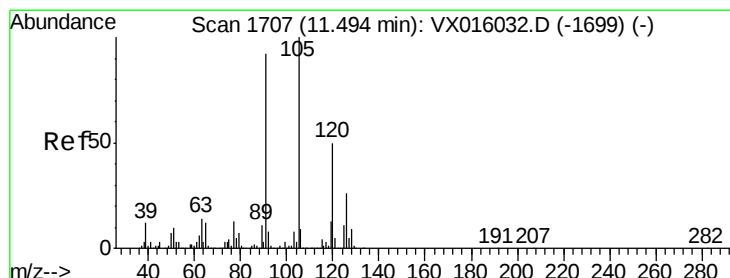
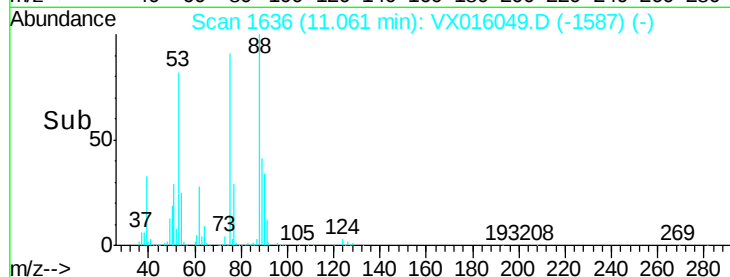
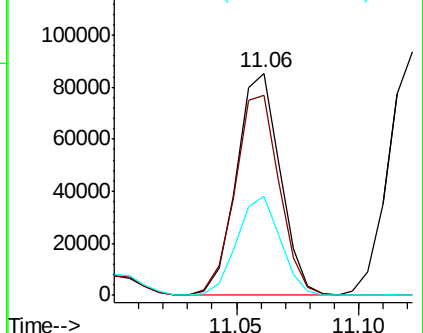
89 44.8 36.7 55.1



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: 46.446 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016049.D

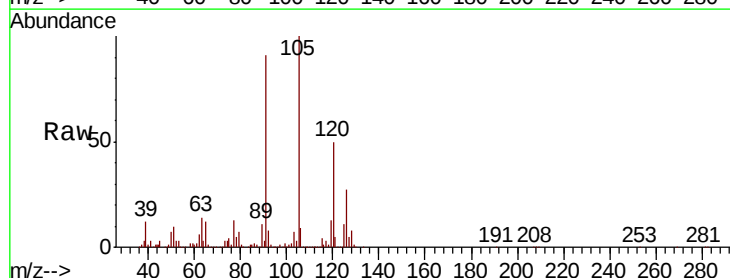
Acq: 04 May 2020 20:32

Tgt Ion: 91 Resp: 664084

Ion Ratio Lower Upper

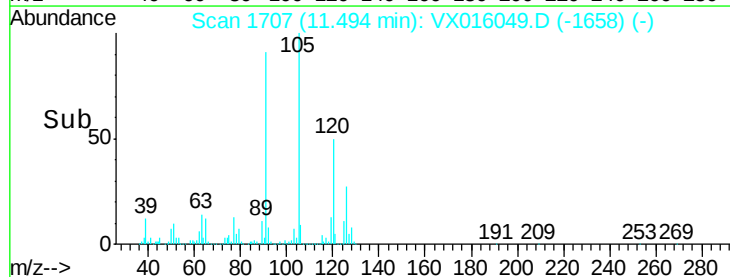
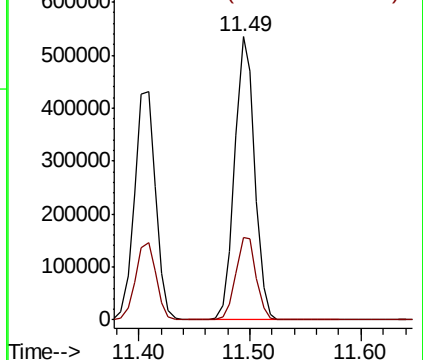
91 100

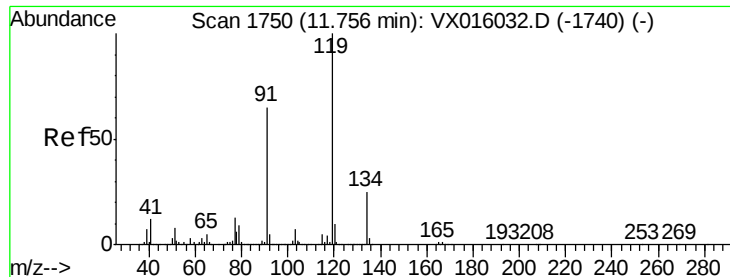
126 29.8 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

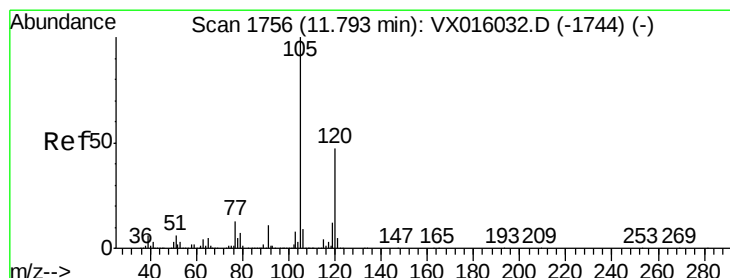
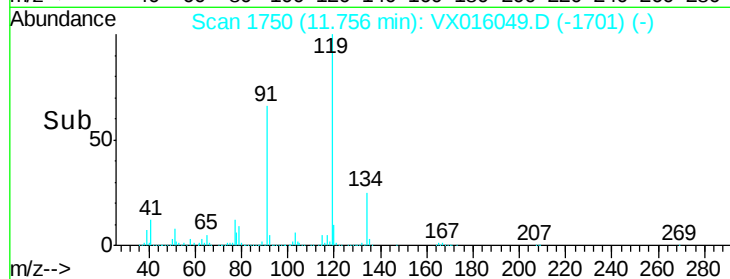
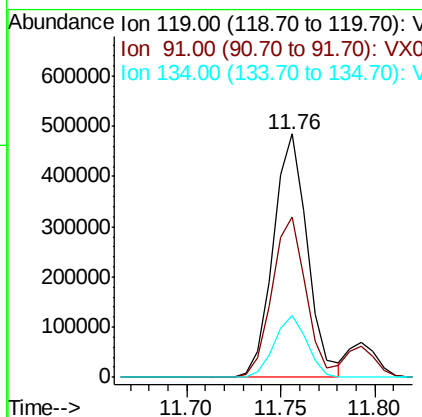
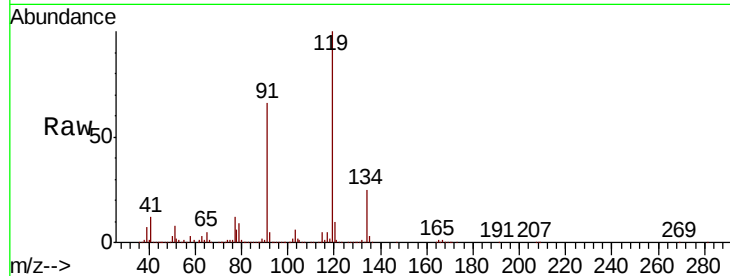




#83
tert-Butylbenzene
Concen: 47.282 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

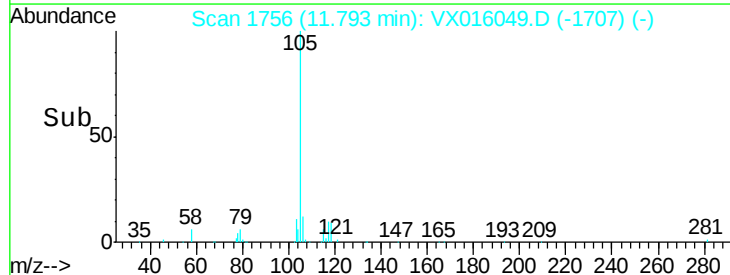
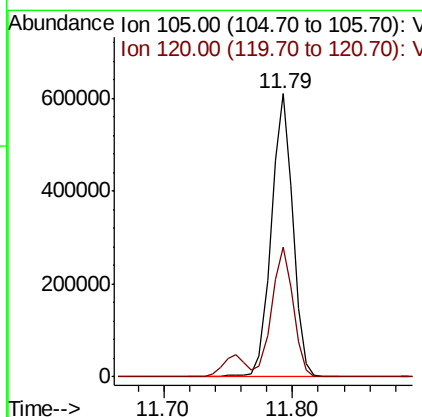
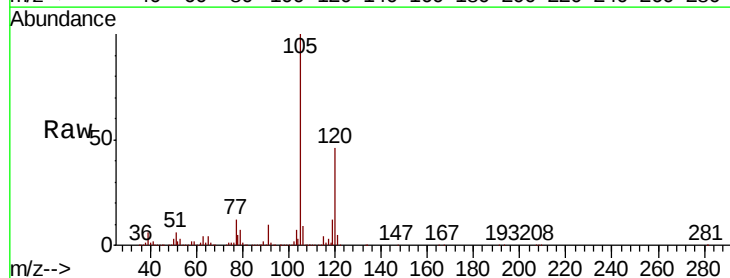
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

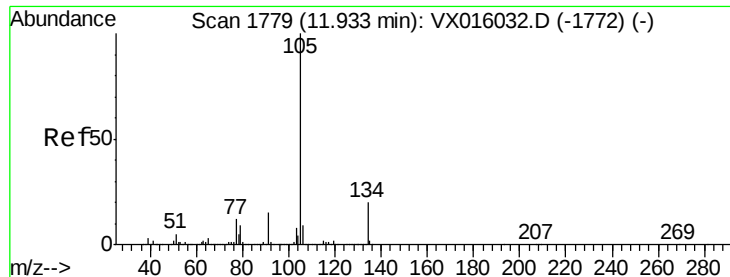
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.8	98.4
134	24.6	12.4	37.0



#84
1,2,4-Trimethylbenzene
Concen: 47.224 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.0	69.0

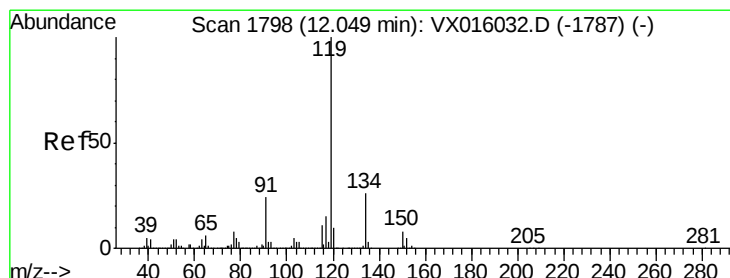
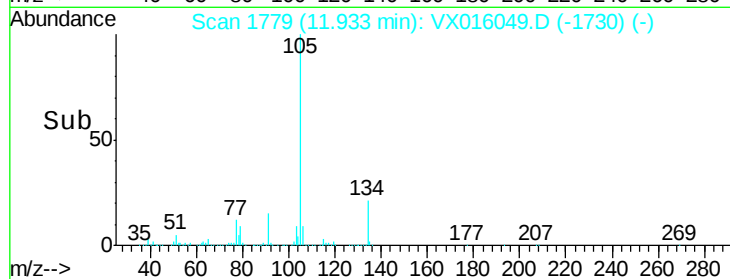
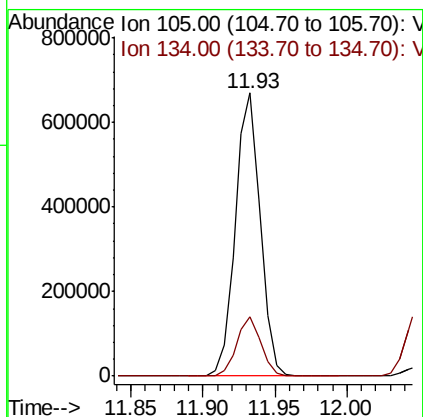
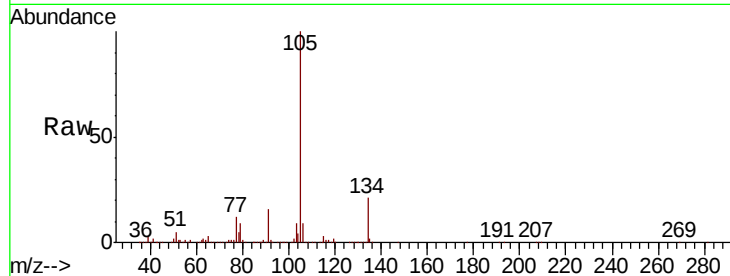




#85
 sec-Butylbenzene
 Concen: 46.453 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

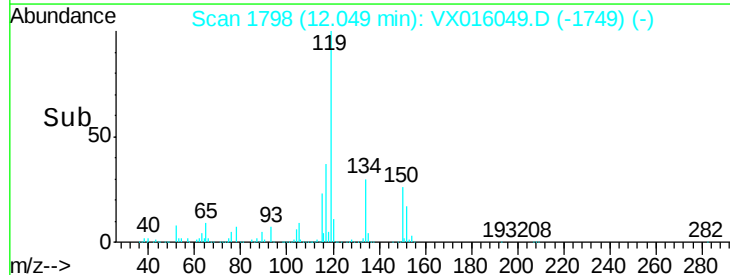
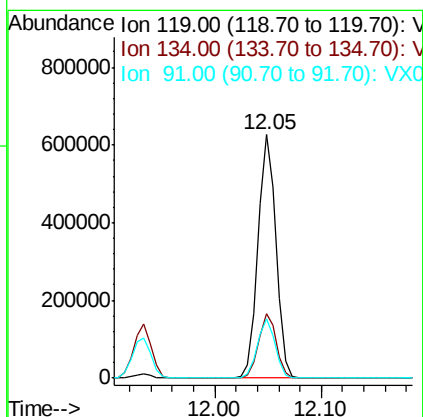
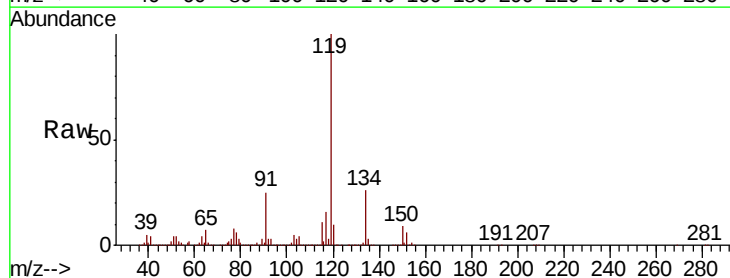
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

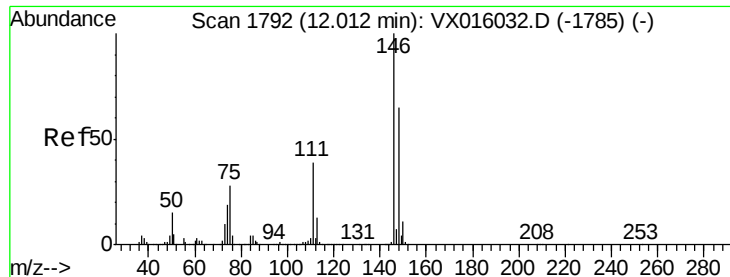
Tot Ion:105 Resp: 804691
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 46.240 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion:119 Resp: 743697
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.0 11.8 35.4

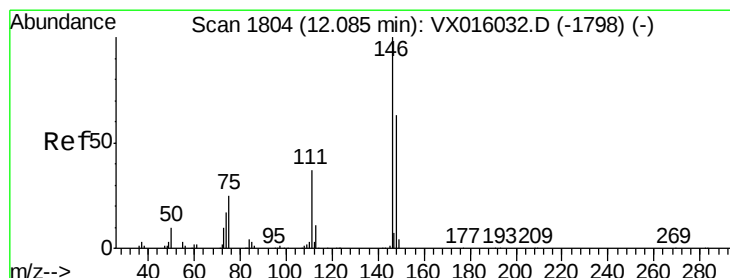
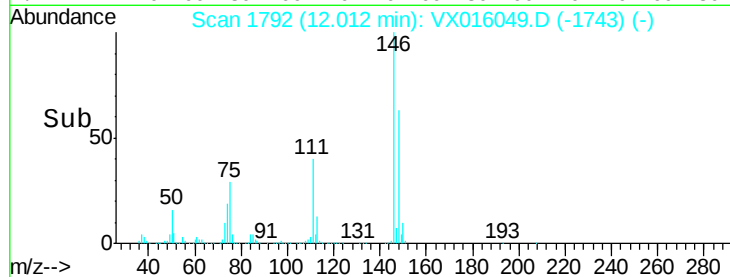
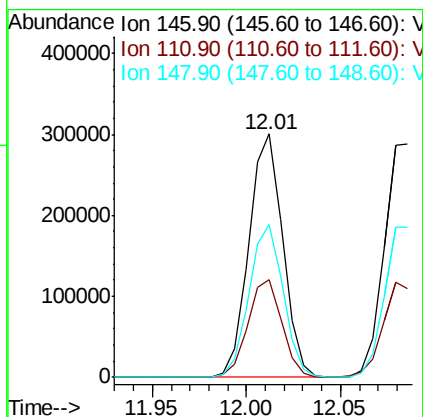
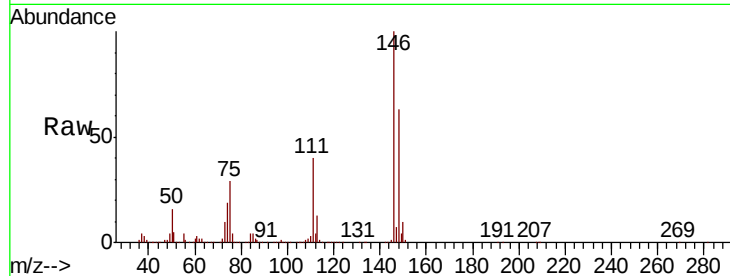




#87
 1,3-Dichlorobenzene
 Concen: 45.848 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

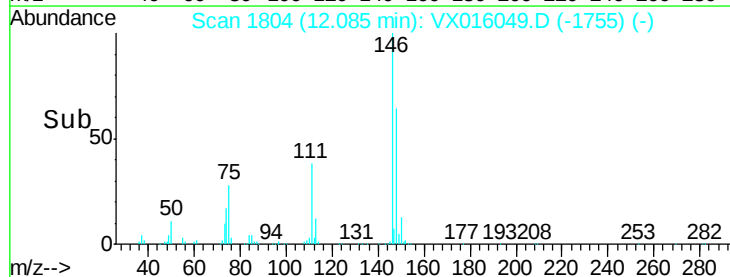
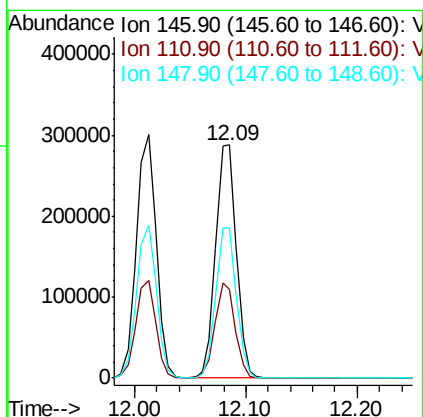
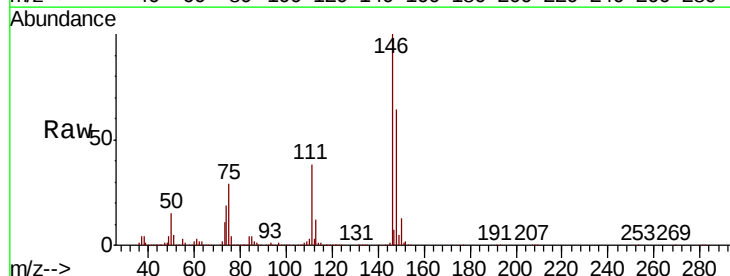
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

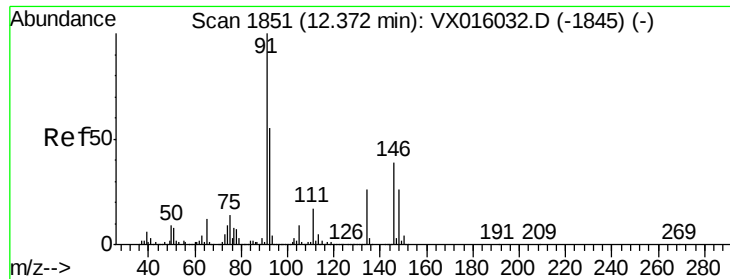
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.6
148	63.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 44.870 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	64.1	31.8	95.3

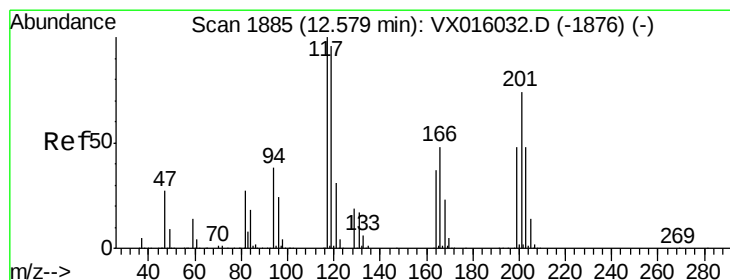
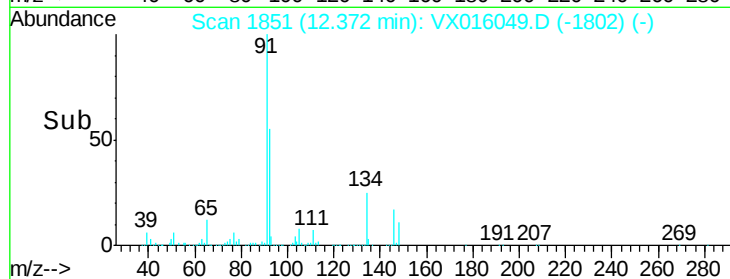
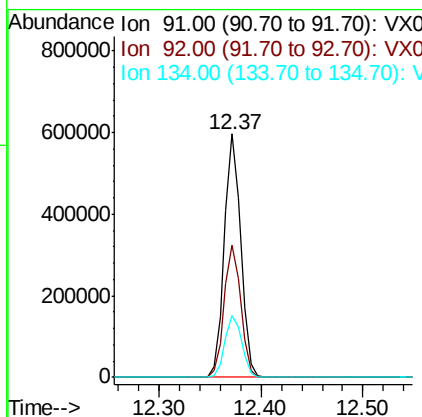
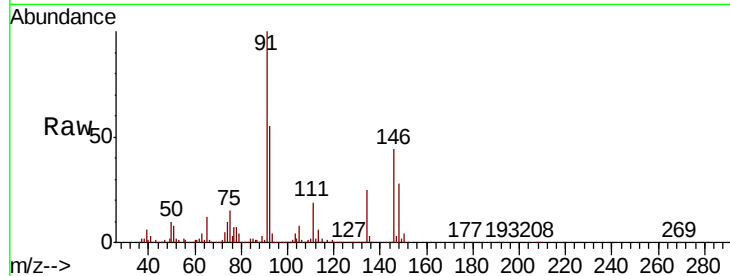




#89
n-Butylbenzene
Concen: 45.640 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

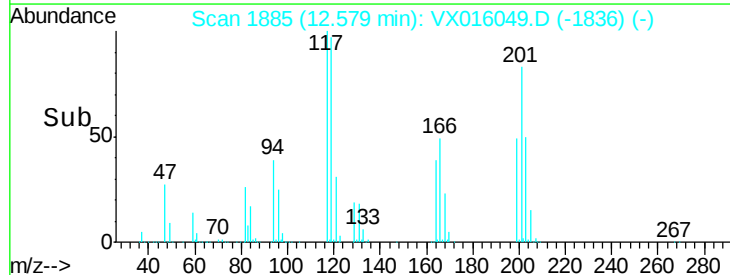
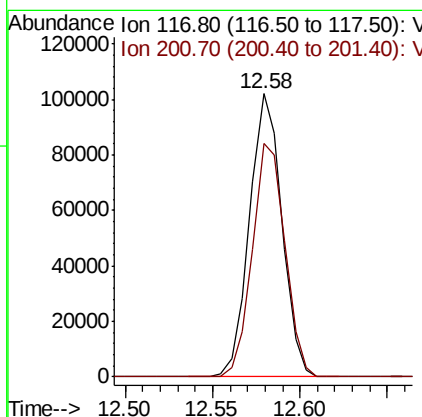
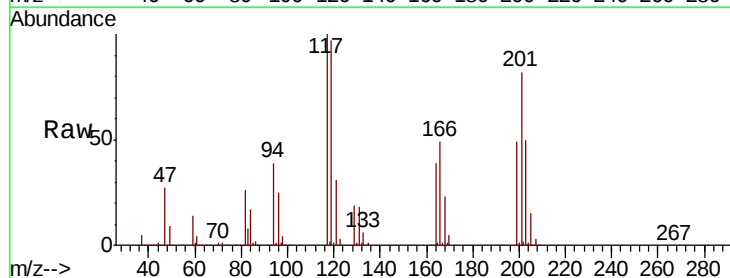
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

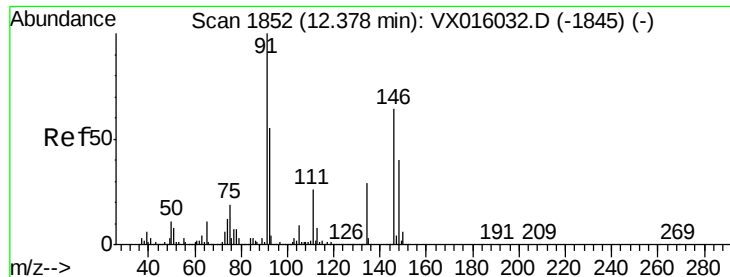
Tot Ion: 91 Resp: 670580
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.7
134 26.3 13.4 40.1



#90
Hexachloroethane
Concen: 47.518 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion: 117 Resp: 131253
Ion Ratio Lower Upper
117 100
201 83.3 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 45.430 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

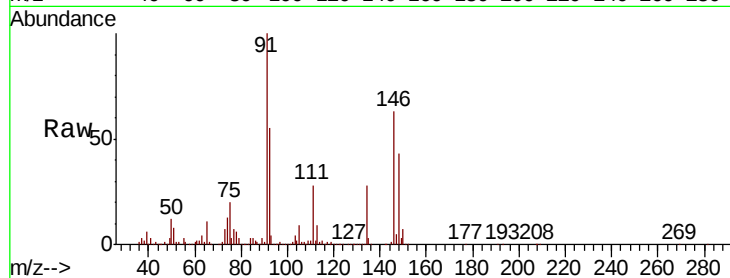
Tot Ion:146 Resp: 357469

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.1

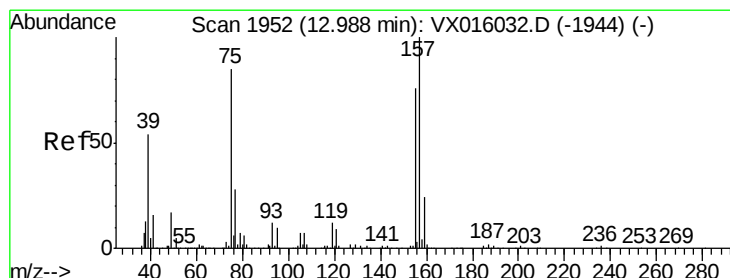
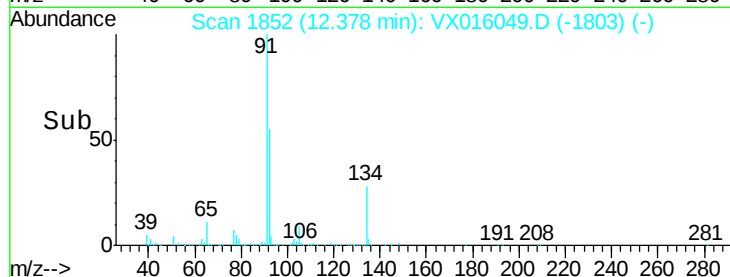
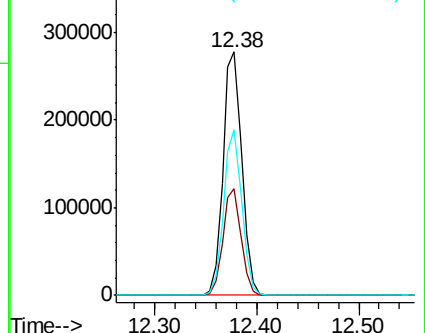
148 65.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.279 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016049.D

Acq: 04 May 2020 20:32

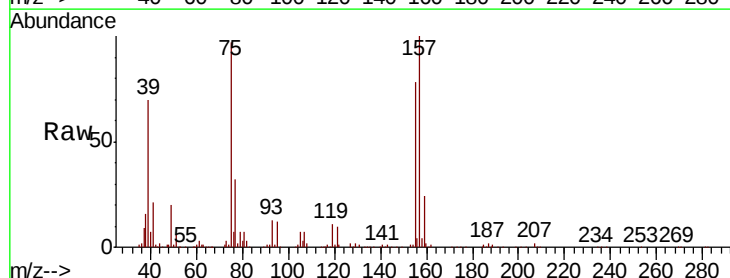
Tgt Ion: 75 Resp: 65648

Ion Ratio Lower Upper

75 100

155 86.2 42.5 127.5

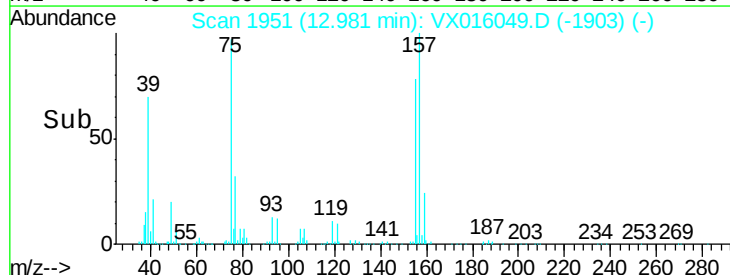
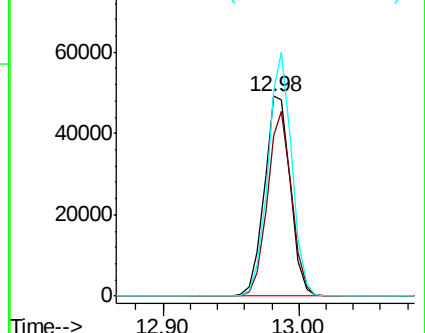
157 111.8 55.3 165.8

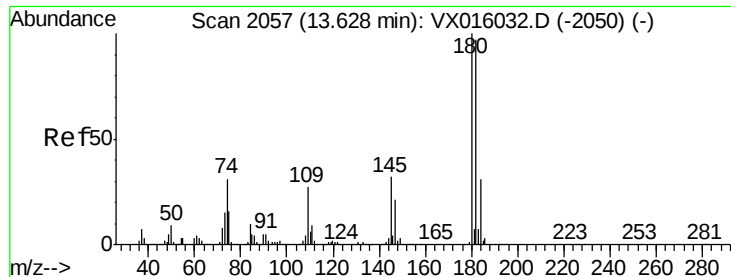


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

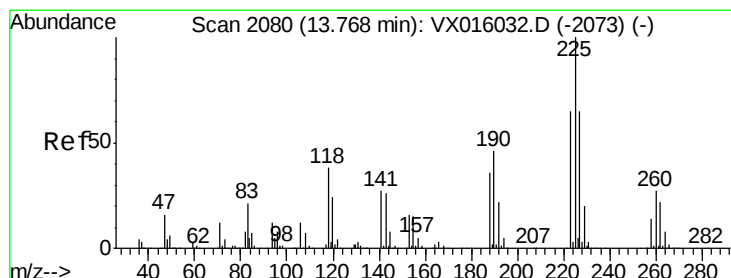
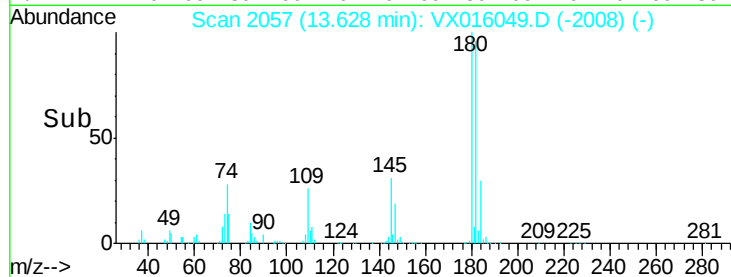
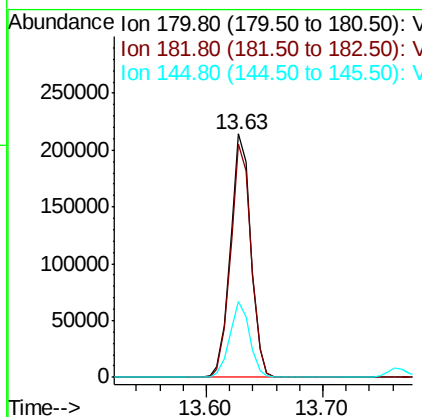
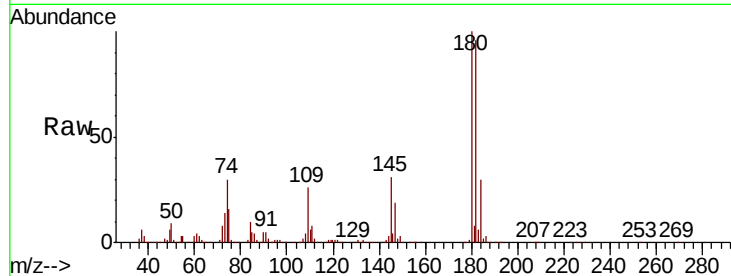




#93
 1,2,4-Trichlorobenzene
 Concen: 44.770 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

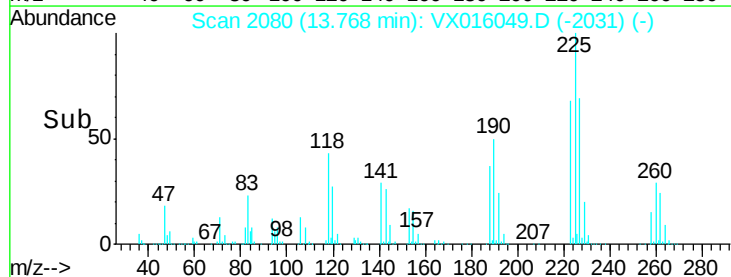
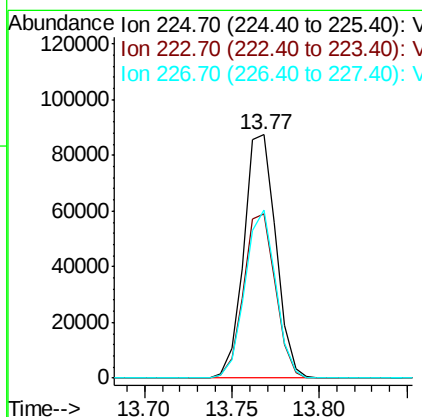
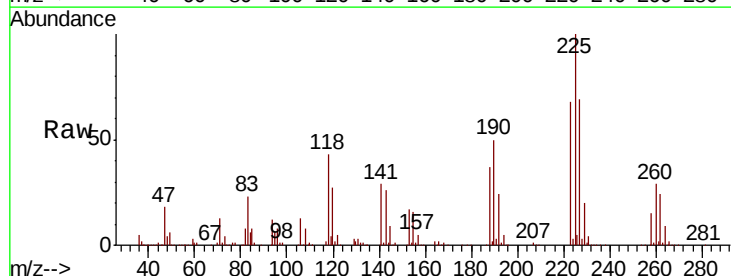
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

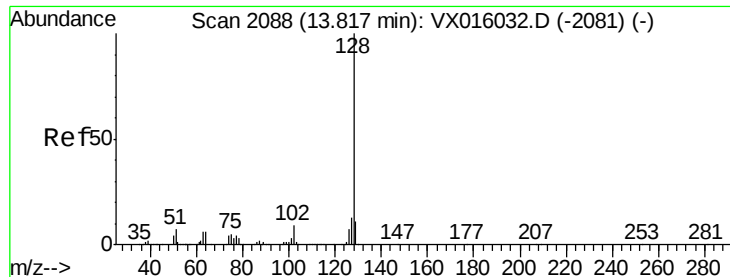
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.7	146.1
145	30.4	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 44.414 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016049.D
 Acq: 04 May 2020 20:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.9	32.3	96.9
227	66.1	31.8	95.4

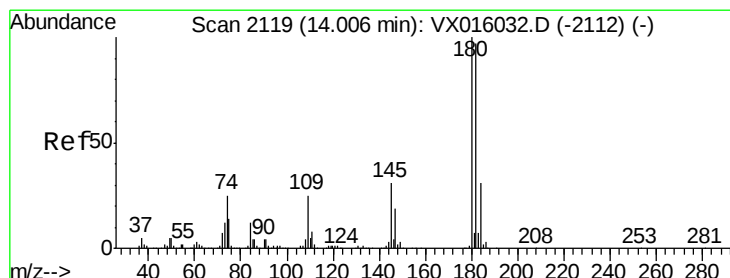
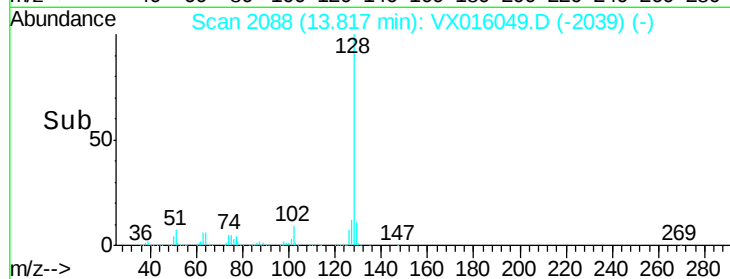
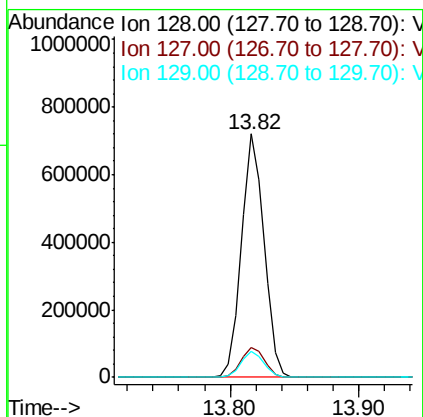
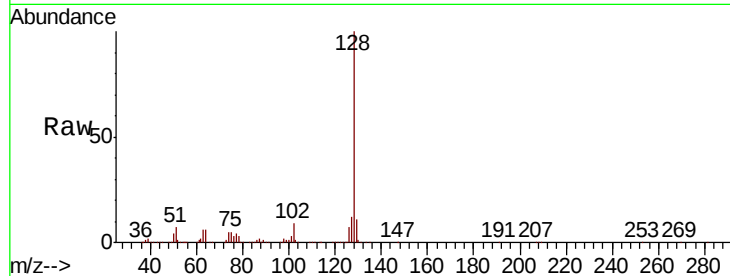




#95
Naphthalene
Concen: 46.184 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 871181
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.194 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016049.D
Acq: 04 May 2020 20:32

Tgt Ion:180 Resp: 257308
Ion Ratio Lower Upper
180 100
182 95.3 48.4 145.0
145 32.8 16.4 49.1

