

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016652.D
 Acq On : 09 Jun 2020 09:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 10 04:08:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	239673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	336048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	315364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	137281	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	5.46	113	113103	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
50) Toluene-d8	8.70	98	422642	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.12	95	161952	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	109990	46.633	ug/l	97
3) Chloromethane	1.31	50	117978	41.391	ug/l	99
4) Vinyl Chloride	1.39	62	131034	43.471	ug/l	98
5) Bromomethane	1.62	94	69504	47.423	ug/l	97
6) Chloroethane	1.70	64	82596	46.974	ug/l	95
7) Trichlorofluoromethane	1.91	101	209387	52.894	ug/l	98
8) Diethyl Ether	2.17	74	77109	46.714	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	116294	53.377	ug/l	98
10) Methyl Iodide	2.49	142	125554	48.343	ug/l	100
11) Tert butyl alcohol	3.02	59	161110	211.085	ug/l	99
12) 1,1-Dichloroethene	2.35	96	113509	49.220	ug/l	95
13) Acrolein	2.27	56	68418	210.727	ug/l	97
14) Allyl chloride	2.70	41	179743	42.380	ug/l	95
15) Acrylonitrile	3.11	53	339454	217.116	ug/l	99
16) Acetone	2.42	43	279553	214.374	ug/l	100
17) Carbon Disulfide	2.54	76	290015	42.347	ug/l	100
18) Methyl Acetate	2.75	43	153636	45.935	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	406412	49.077	ug/l	98
20) Methylene Chloride	2.83	84	124916	46.300	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	121796	47.747	ug/l	94
22) Diisopropyl ether	3.82	45	357224	43.845	ug/l	98
23) Vinyl Acetate	3.78	43	1553468	217.832	ug/l	96
24) 1,1-Dichloroethane	3.67	63	216895	47.166	ug/l	100
25) 2-Butanone	4.63	43	445891	201.793	ug/l	94
26) 2,2-Dichloropropane	4.54	77	209935	55.791	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	139101	47.136	ug/l	98
28) Bromochloromethane	4.98	49	85273	39.904	ug/l	84
29) Tetrahydrofuran	5.08	42	289558	202.837	ug/l	93
30) Chloroform	5.17	83	228444	49.303	ug/l	99
31) Cyclohexane	5.54	56	173429	41.921	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212897	50.751	ug/l	99
36) 1,1-Dichloropropene	5.76	75	167748	52.722	ug/l	98
37) Ethyl Acetate	4.79	43	172494	45.156	ug/l	97
38) Carbon Tetrachloride	5.75	117	192828	57.669	ug/l	99

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 VSTDCCC050

Quant Time: Jun 10 04:08:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	181978	52.657	ug/l	95
40) Benzene	6.11	78	481291	50.796	ug/l	100
41) Methacrylonitrile	4.99	41	95224	45.383	ug/l	96
42) 1,2-Dichloroethane	6.16	62	177968	52.816	ug/l	100
43) Isopropyl Acetate	6.41	43	269016	45.149	ug/l	97
44) Trichloroethene	7.18	130	164584	54.748	ug/l	92
45) 1,2-Dichloropropane	7.49	63	121585	50.405	ug/l	99
46) Dibromomethane	7.63	93	85551	52.804	ug/l	95
47) Bromodichloromethane	7.87	83	182544	54.415	ug/l	98
48) Methyl methacrylate	7.74	41	131106	45.955	ug/l	94
49) 1,4-Dioxane	7.71	88	65048	974.283	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	866998	233.687	ug/l	98
52) Toluene	8.76	92	321255	53.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	213782	56.043	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	220326	54.568	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	130035	54.737	ug/l	97
56) Ethyl methacrylate	9.16	69	196880	50.886	ug/l	96
57) 1,3-Dichloropropane	9.35	76	216961	53.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	459376	227.474	ug/l	95
59) 2-Hexanone	9.47	43	689367	238.935	ug/l	97
60) Dibromochloromethane	9.56	129	153763	57.515	ug/l	98
61) 1,2-Dibromoethane	9.65	107	138521	54.451	ug/l	99
64) Tetrachloroethene	9.32	164	195657	55.454	ug/l	99
65) Chlorobenzene	10.12	112	348750	54.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	141296	57.571	ug/l	98
67) Ethyl Benzene	10.23	91	624392	54.546	ug/l	98
68) m/p-Xylenes	10.34	106	464261	109.386	ug/l	98
69) o-Xylene	10.68	106	218894	53.254	ug/l	100
70) Styrene	10.70	104	393797	55.738	ug/l	99
71) Bromoform	10.84	173	121375	58.517	ug/l #	99
73) Isopropylbenzene	11.00	105	598285	51.144	ug/l	100
74) N-amyl acetate	10.88	43	229586	42.668	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	144756	49.375	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	241578	65.098	ug/l	82
77) Bromobenzene	11.24	156	159905	52.118	ug/l	95
78) n-propylbenzene	11.34	91	672396	51.449	ug/l	99
79) 2-Chlorotoluene	11.40	91	410881	51.506	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	520502	53.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	73403	48.656	ug/l #	93
82) 4-Chlorotoluene	11.49	91	486266	51.618	ug/l	99
83) tert-Butylbenzene	11.76	119	453691	54.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	532236	53.880	ug/l	99
85) sec-Butylbenzene	11.93	105	559002	53.392	ug/l	99
86) p-Isopropyltoluene	12.05	119	541078	55.170	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	284757	53.571	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	285097	52.442	ug/l	98
89) n-Butylbenzene	12.37	91	455807	55.798	ug/l	99
90) Hexachloroethane	12.58	117	93871	55.413	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	273170	53.044	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45800	48.230	ug/l	97

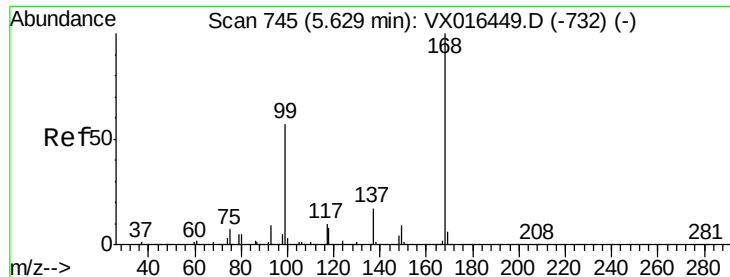
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	192835	56.380	ug/l	100
94) Hexachlorobutadiene	13.77	225	89963	66.993	ug/l	96
95) Naphthalene	13.82	128	617497	52.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	185940	55.491	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

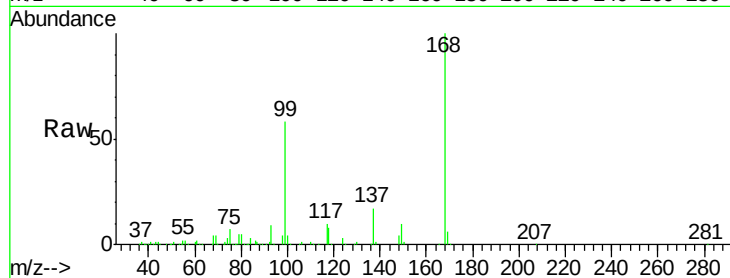
VSTDCCC050

Tot Ion:168 Resp: 239673

Ion Ratio Lower Upper

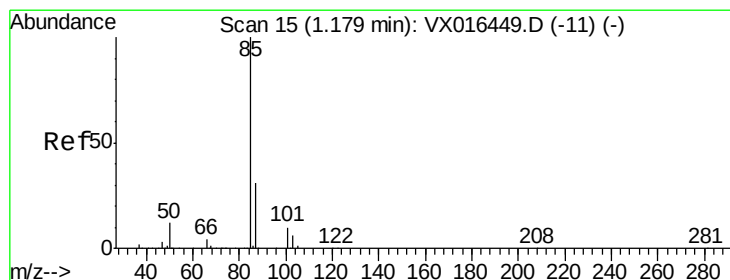
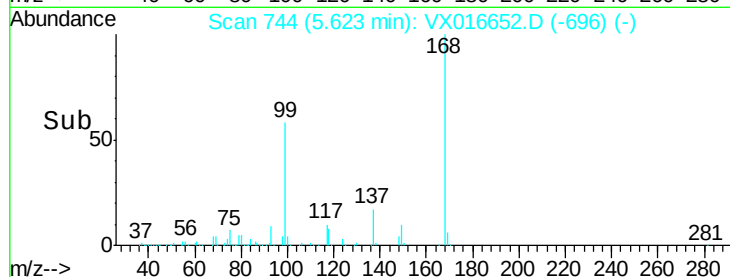
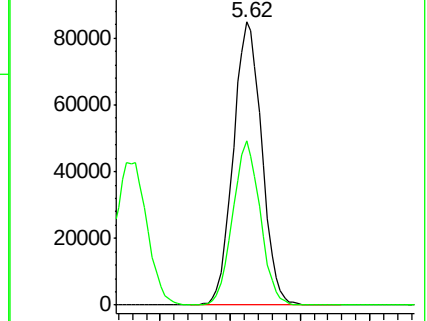
168 100

99 57.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.633 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016652.D

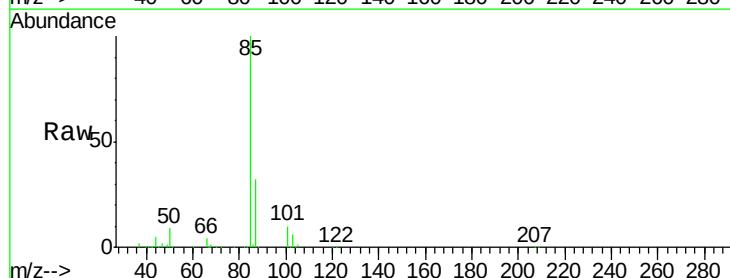
Acq: 09 Jun 2020 09:52

Tgt Ion: 85 Resp: 109990

Ion Ratio Lower Upper

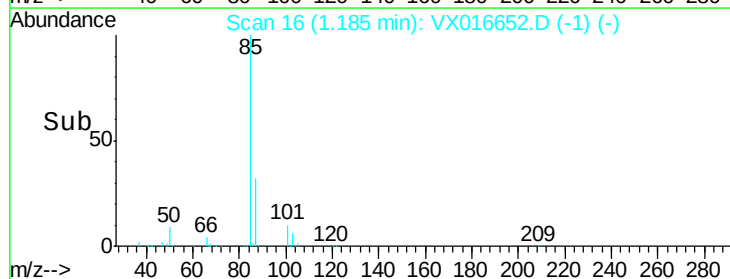
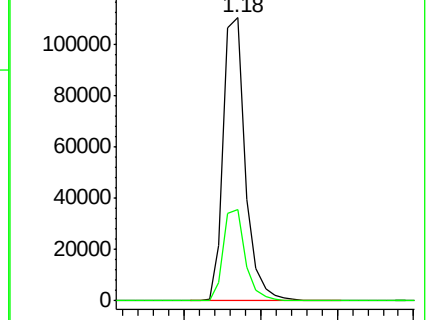
85 100

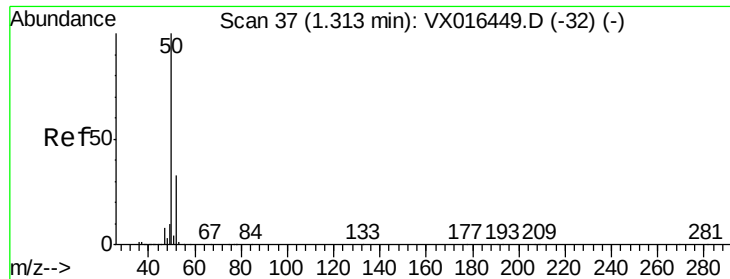
87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.391 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

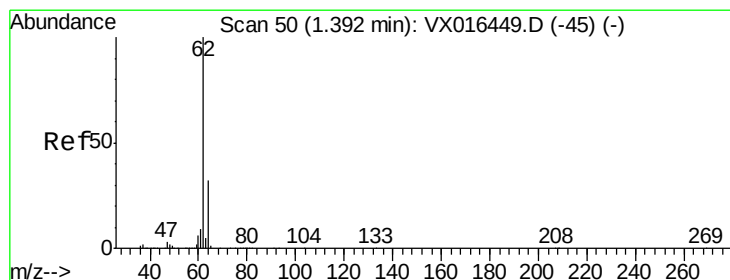
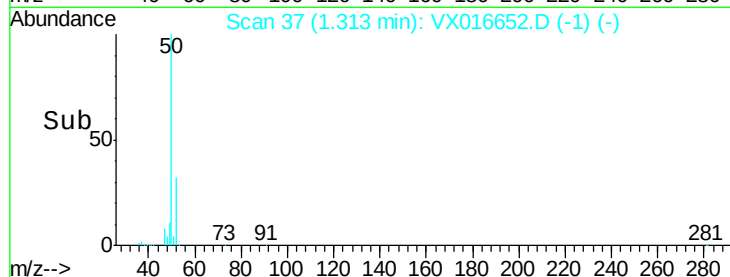
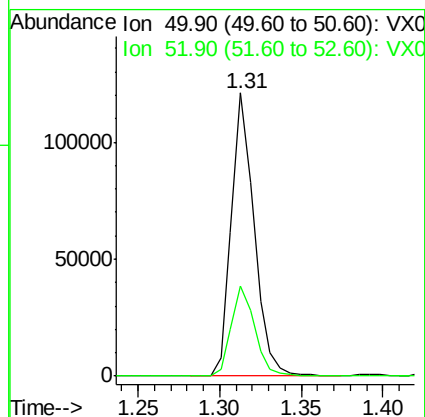
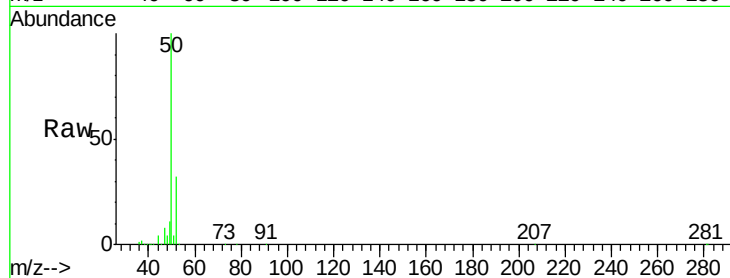
VSTDCCC050

Tot Ion: 50 Resp: 117978

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 43.471 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016652.D

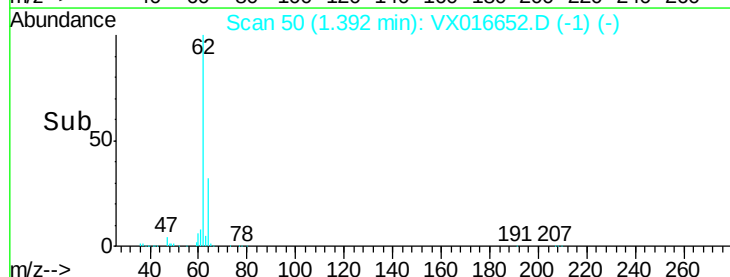
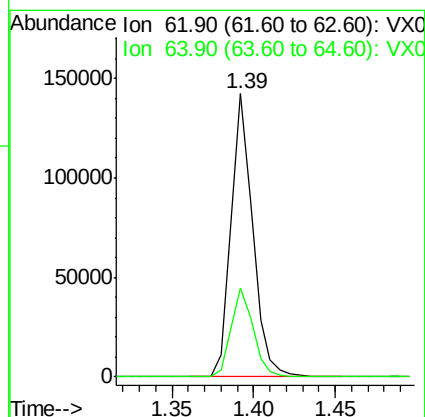
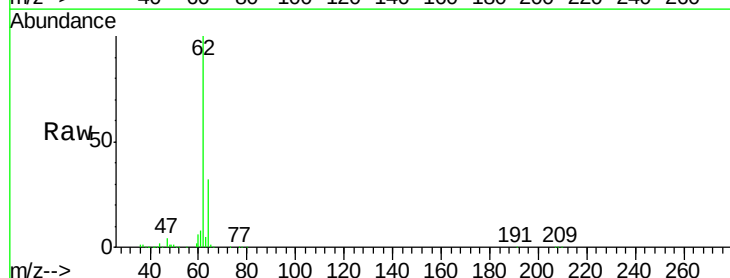
Acq: 09 Jun 2020 09:52

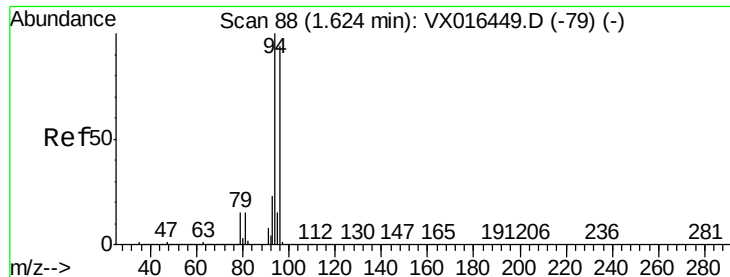
Tgt Ion: 62 Resp: 131034

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 47.423 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

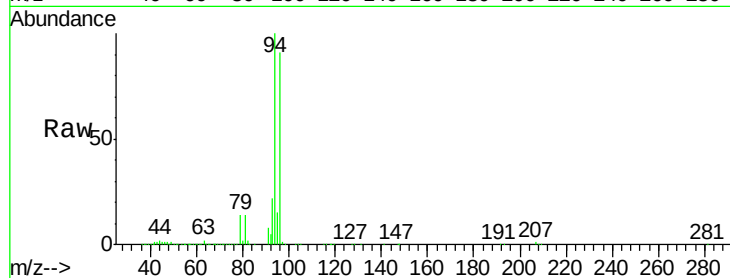
VSTDCCC050

Tot Ion: 94 Resp: 69504

Ion Ratio Lower Upper

94 100

96 91.0 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

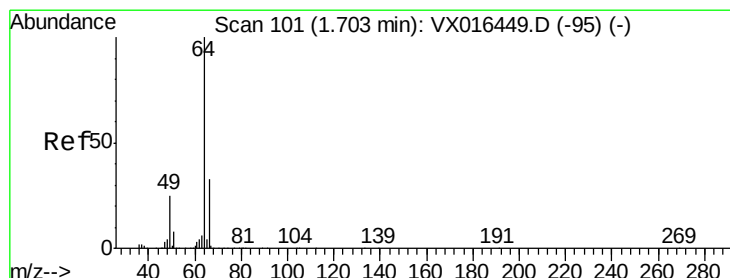
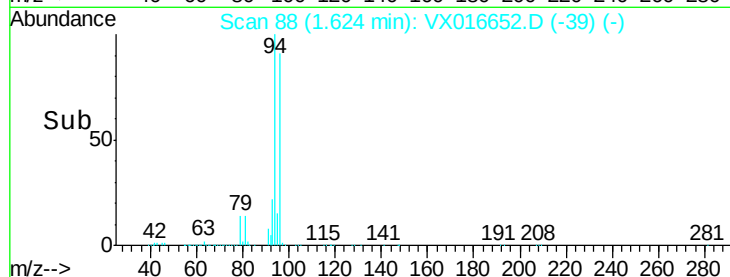
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 46.974 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016652.D

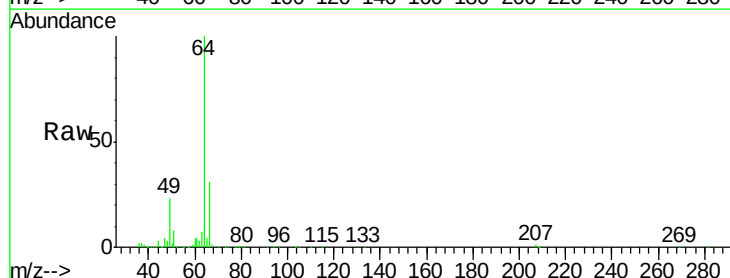
Acq: 09 Jun 2020 09:52

Tgt Ion: 64 Resp: 82596

Ion Ratio Lower Upper

64 100

66 30.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

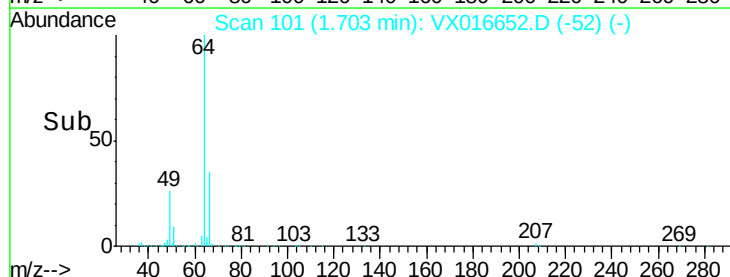
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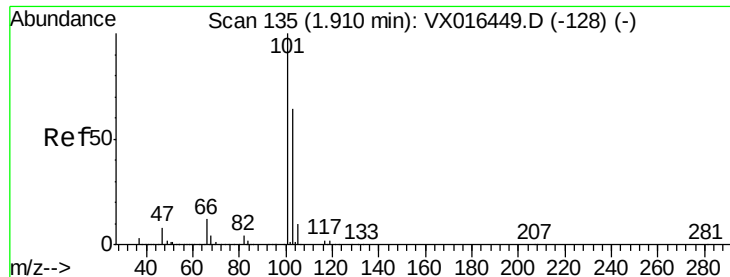
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Time-->

1.60 1.70 1.80



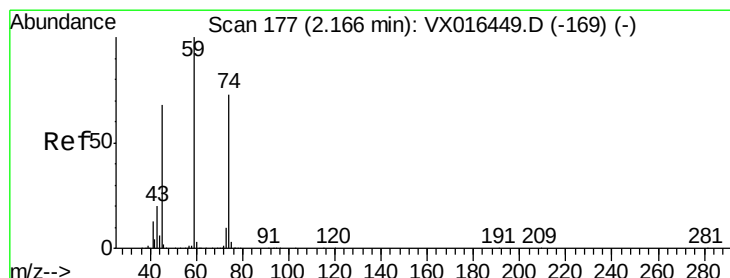
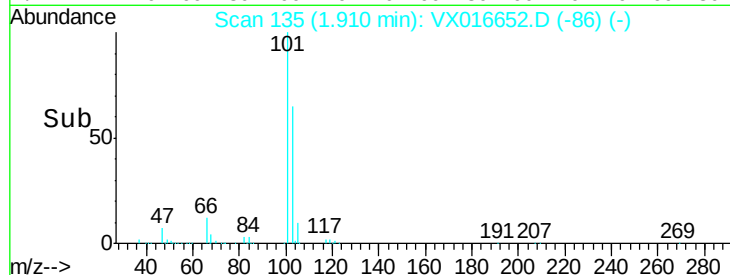
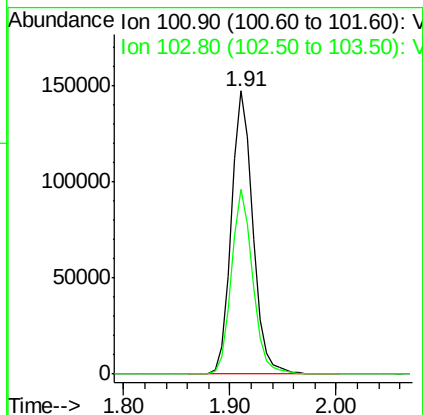
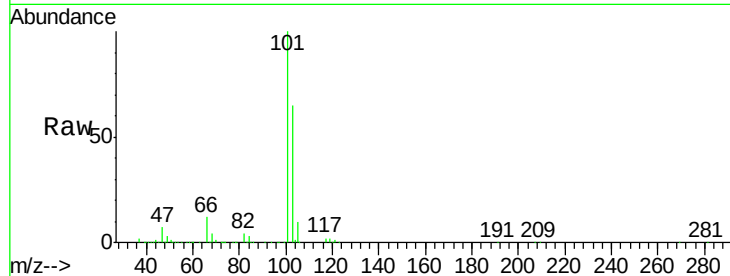


#7

Trichlorofluoromethane
Concen: 52.894 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

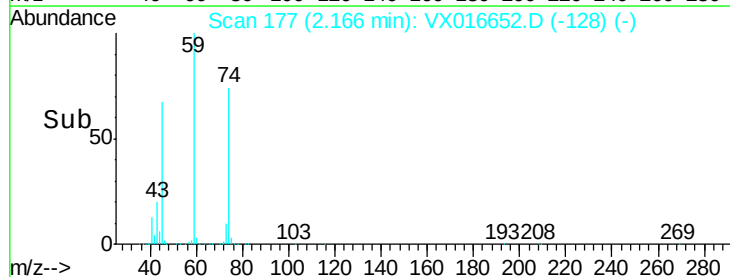
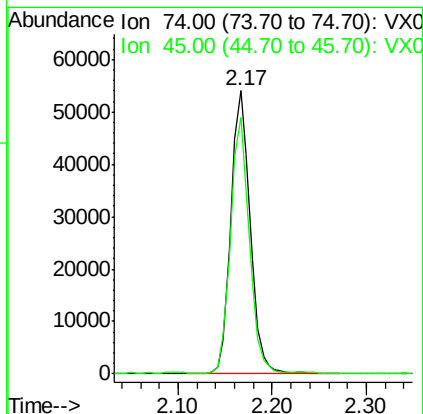
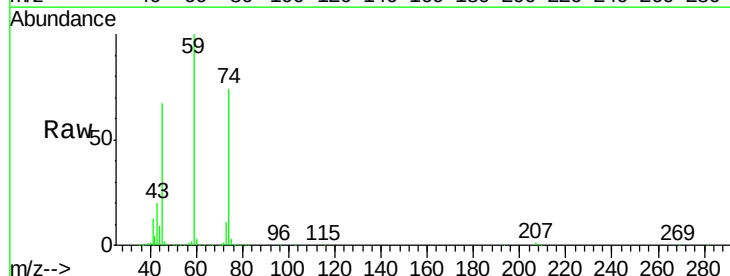
Tot Ion:101 Resp: 209387
Ion Ratio Lower Upper
101 100
103 65.2 50.9 76.3

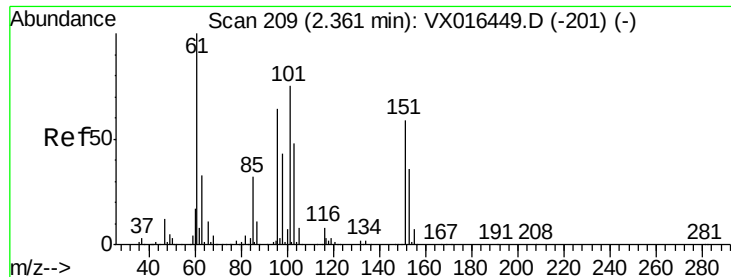


#8

Diethyl Ether
Concen: 46.714 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 74 Resp: 77109
Ion Ratio Lower Upper
74 100
45 87.5 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.377 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

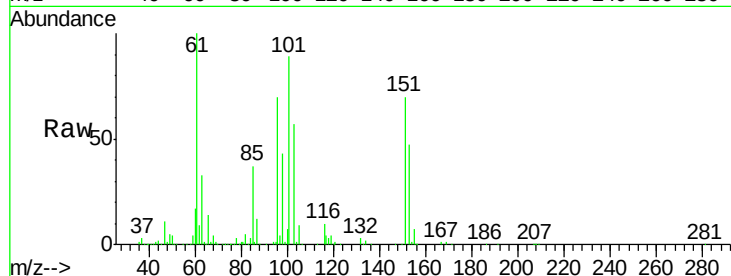
Tot Ion:101 Resp: 116294

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

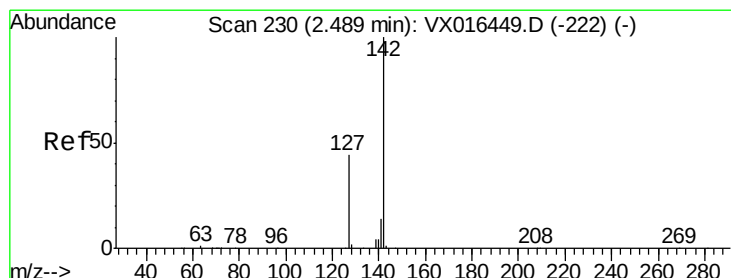
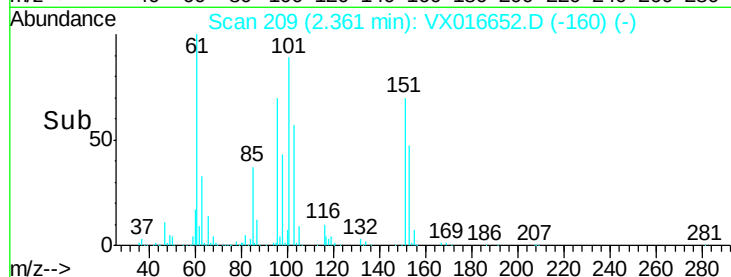
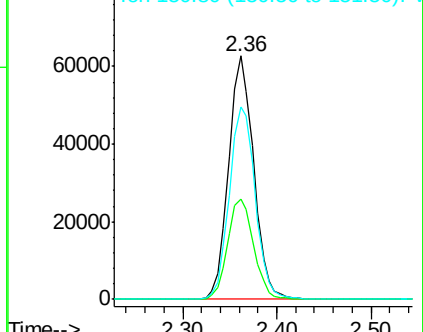
151 82.0 63.8 95.6



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: 48.343 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

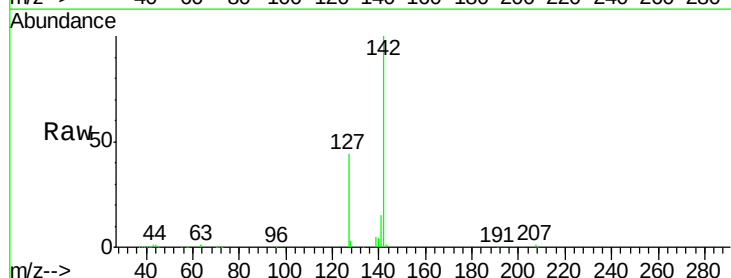
Tgt Ion:142 Resp: 125554

Ion Ratio Lower Upper

142 100

127 44.2 35.3 52.9

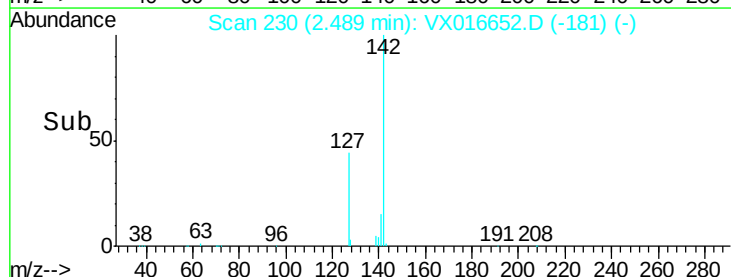
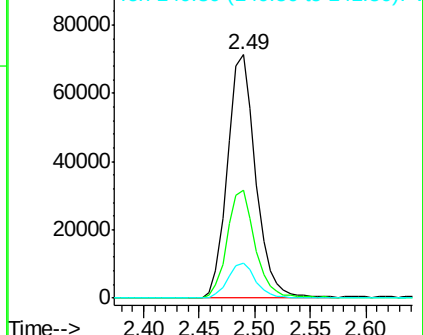
141 14.3 11.4 17.2

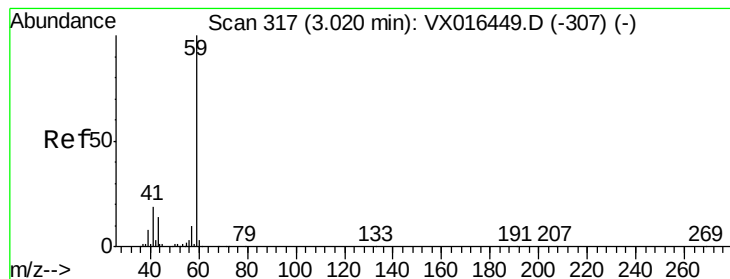


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



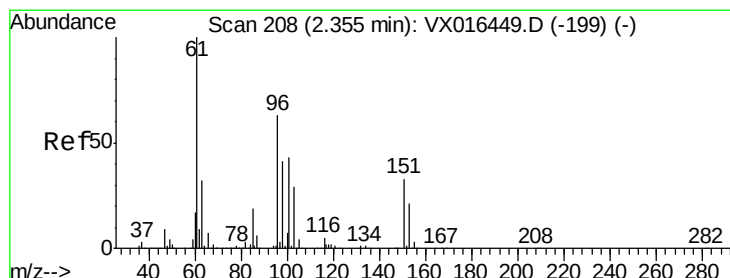
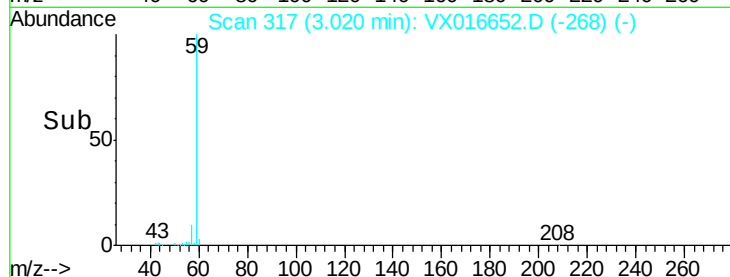
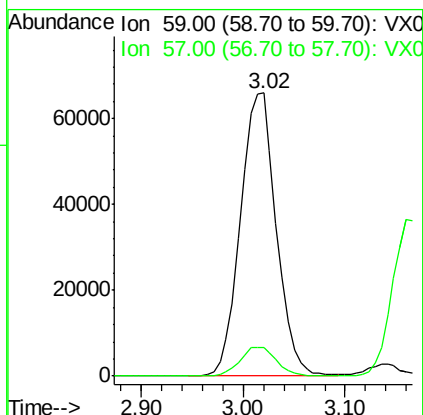
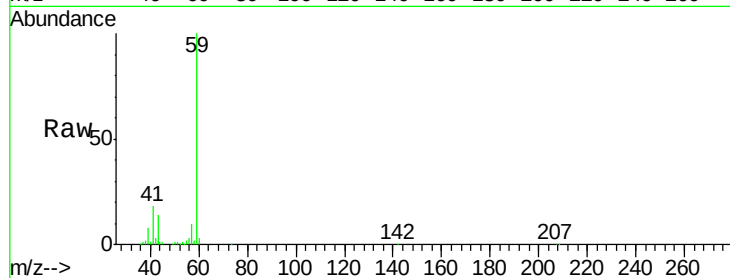


#11

Tert butyl alcohol
 Concen: 211.085 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

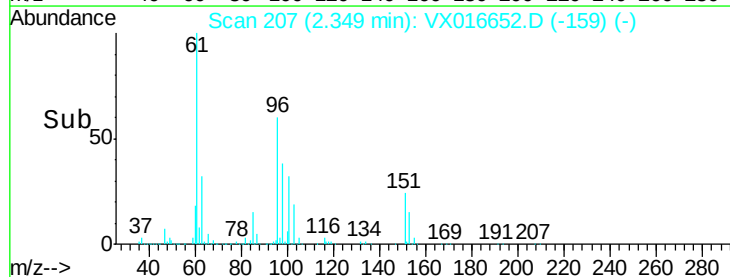
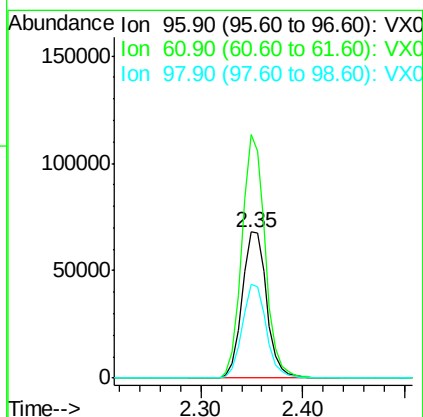
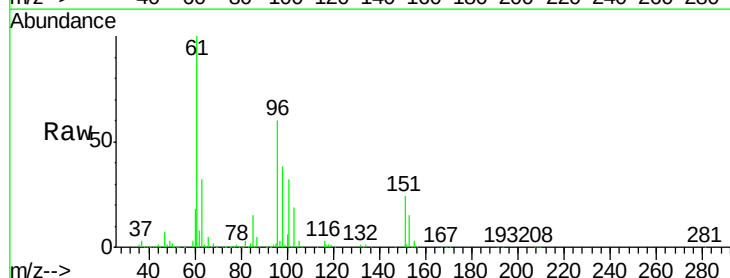
Tot Ion: 59 Resp: 161110
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

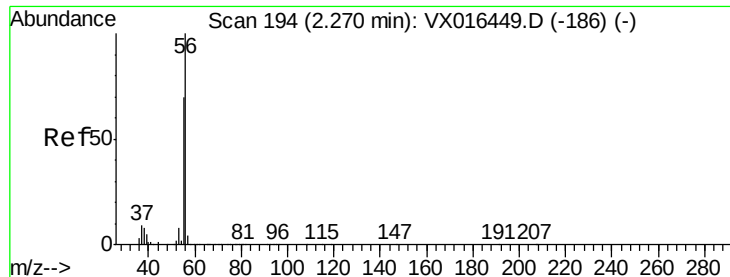


#12

1,1-Dichloroethene
 Concen: 49.220 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion: 96 Resp: 113509
 Ion Ratio Lower Upper
 96 100
 61 166.7 126.6 189.8
 98 63.9 51.3 76.9





#13

Acrolein

Concen: 210.727 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

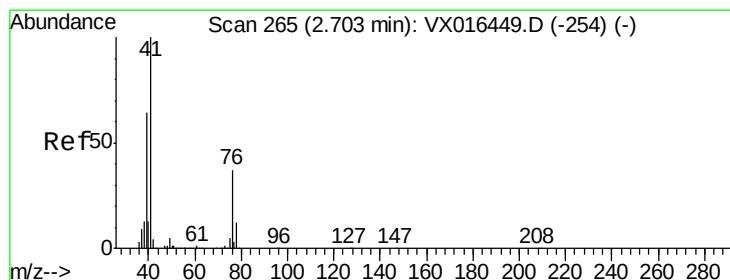
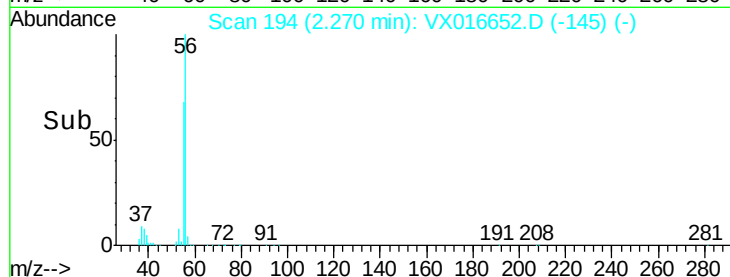
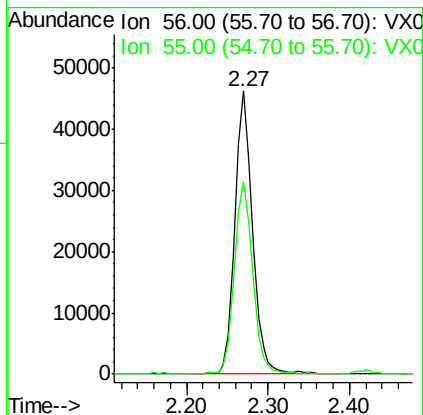
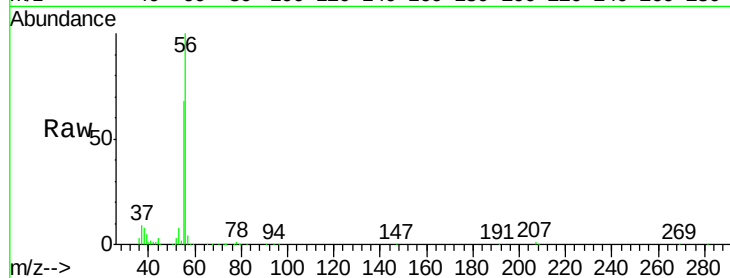
VSTDCCC050

Tot Ion: 56 Resp: 68418

Ion Ratio Lower Upper

56 100

55 70.5 58.3 87.5



#14

Allyl chloride

Concen: 42.380 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

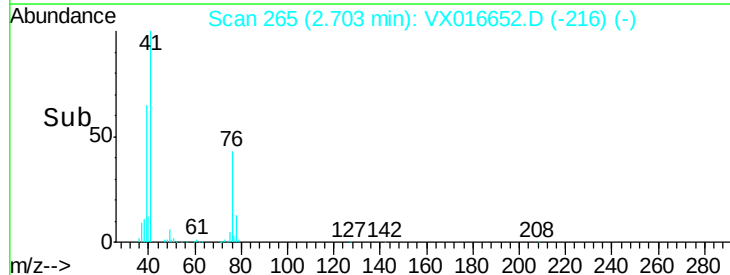
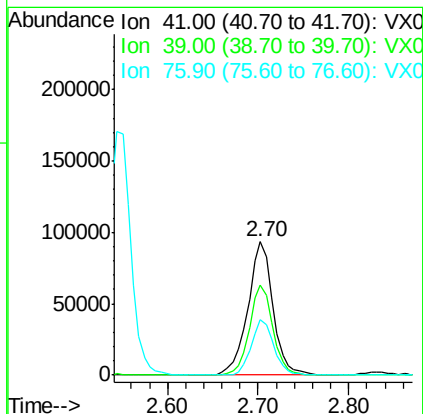
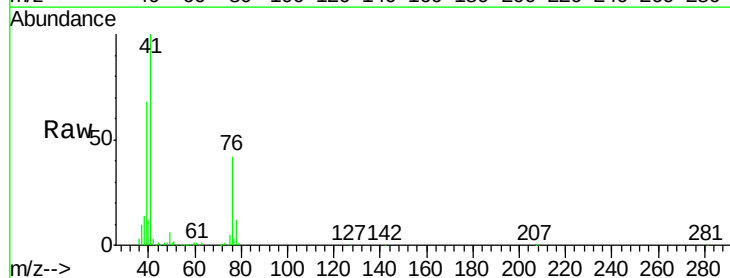
Tgt Ion: 41 Resp: 179743

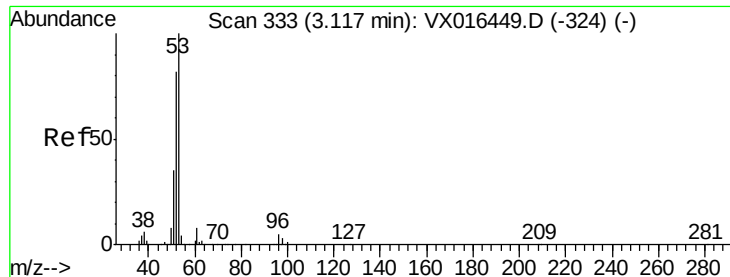
Ion Ratio Lower Upper

41 100

39 62.5 47.7 71.5

76 37.3 26.6 40.0





#15

Acrylonitrile

Concen: 217.116 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

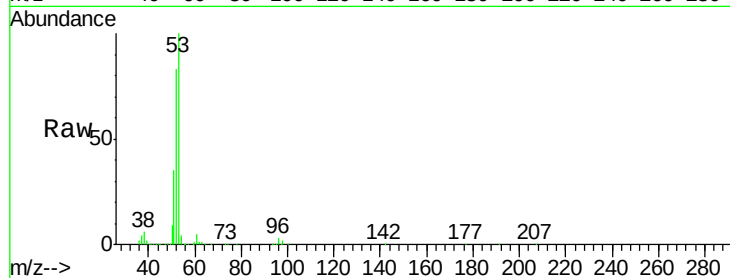
Tot Ion: 53 Resp: 339454

Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

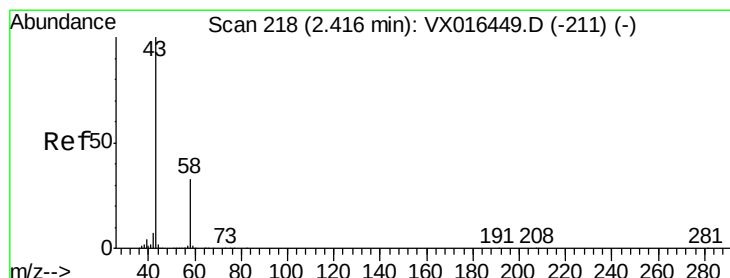
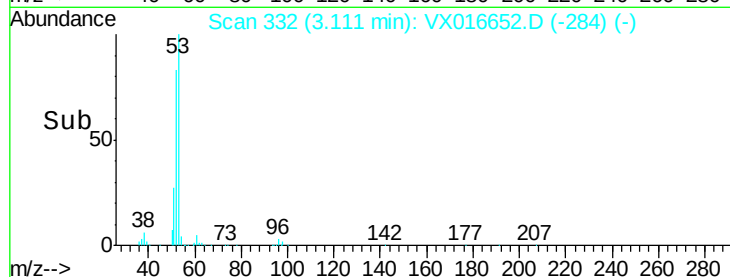
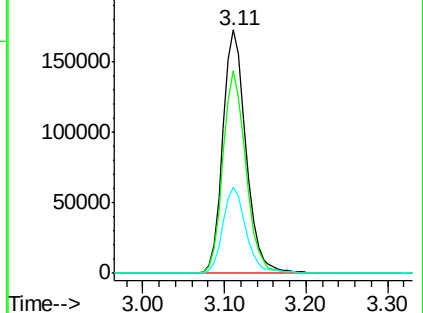
51 35.5 28.6 43.0



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: 214.374 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016652.D

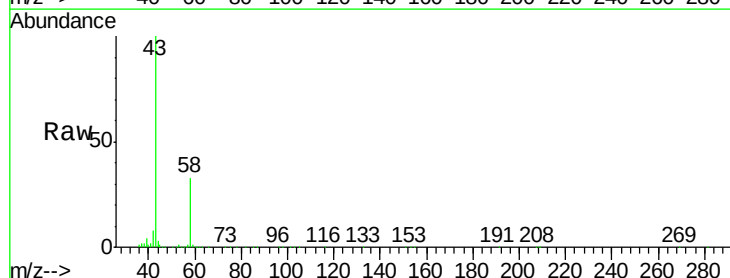
Acq: 09 Jun 2020 09:52

Tgt Ion: 43 Resp: 279553

Ion Ratio Lower Upper

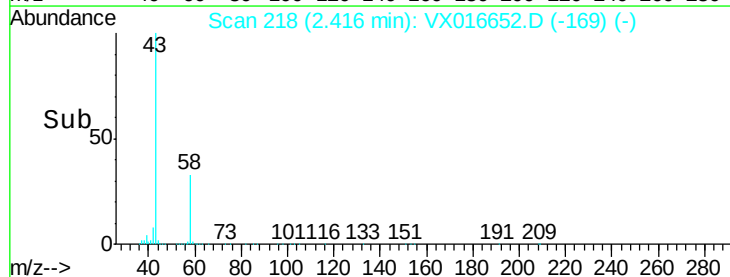
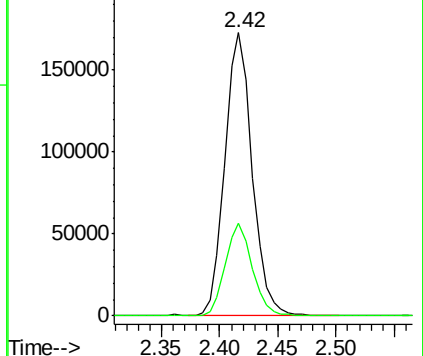
43 100

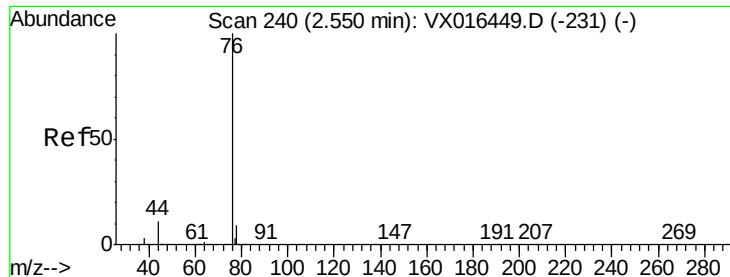
58 32.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

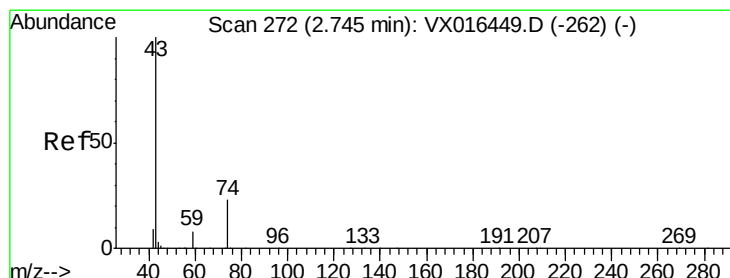
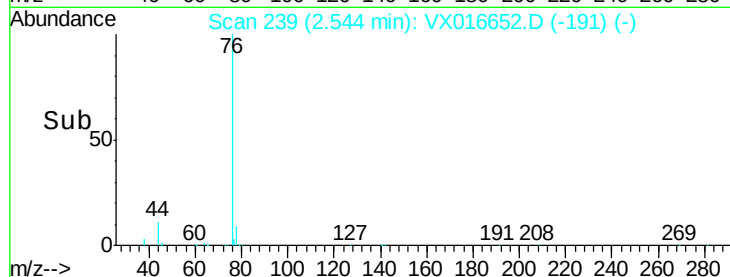
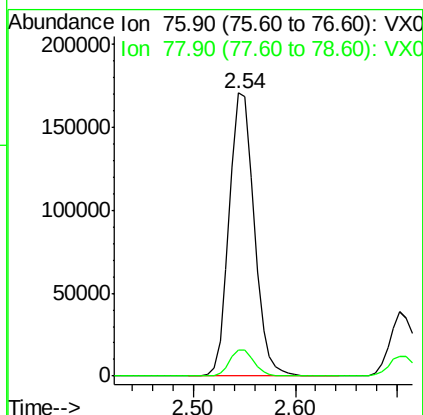
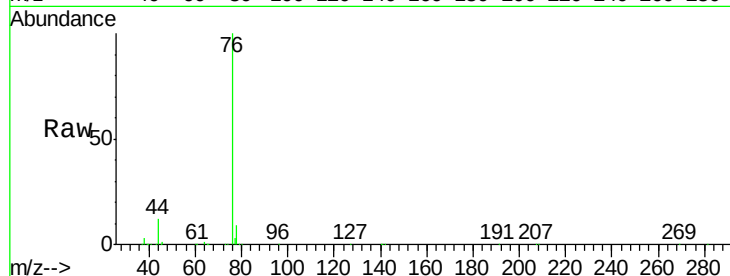




#17
Carbon Disulfide
Concen: 42.347 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

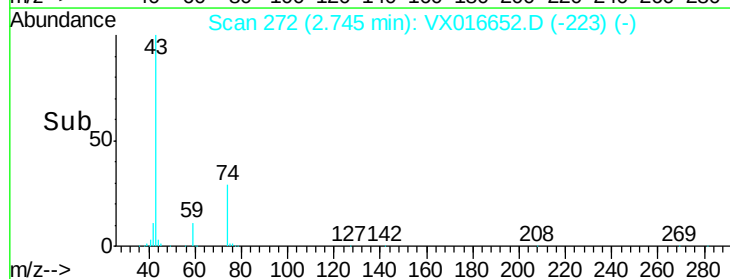
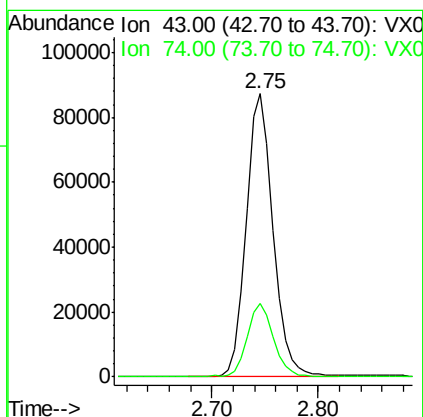
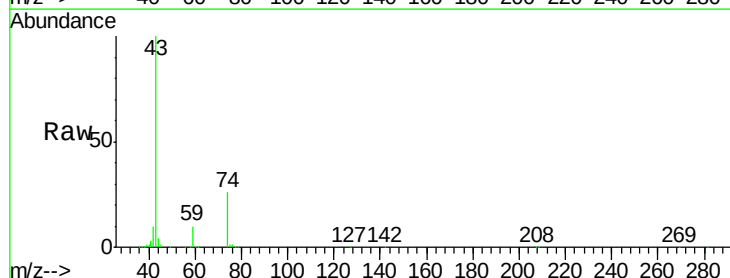
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

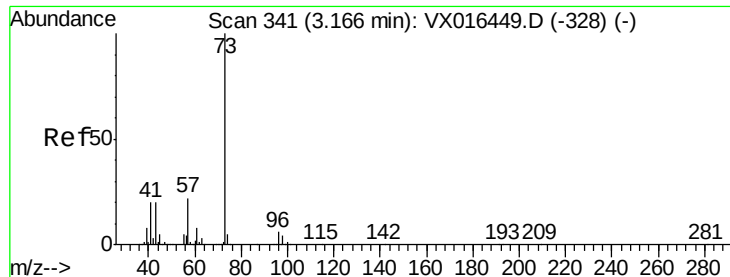
Tot Ion: 76 Resp: 290015
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 45.935 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 43 Resp: 153636
Ion Ratio Lower Upper
43 100
74 25.9 19.7 29.5



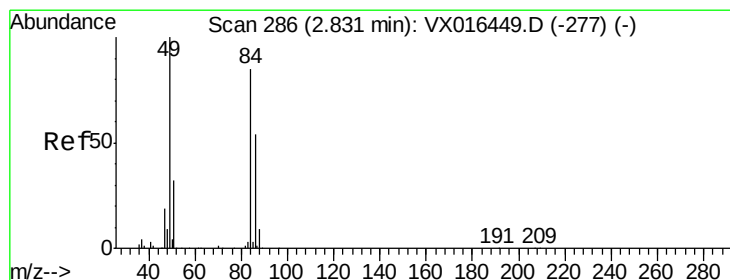
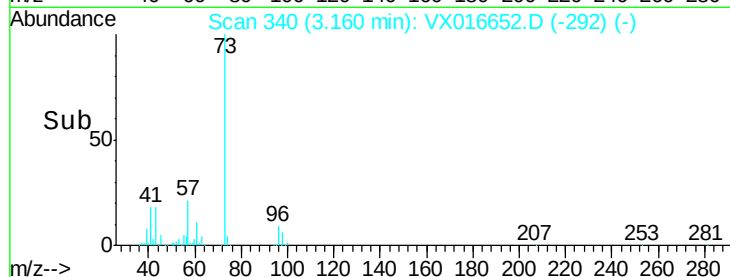
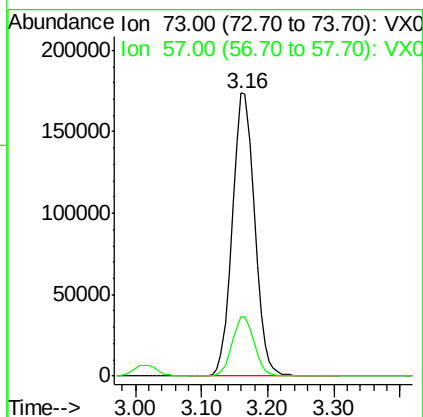
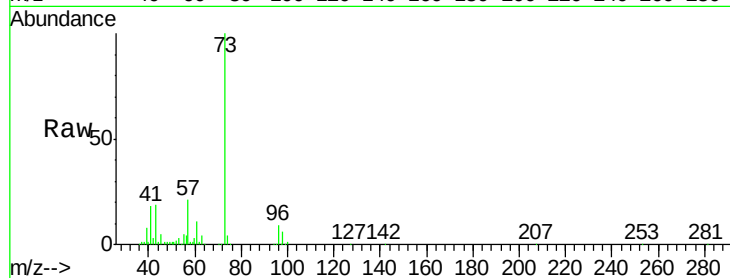


#19

Methyl tert-butyl Ether
 Concen: 49.077 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

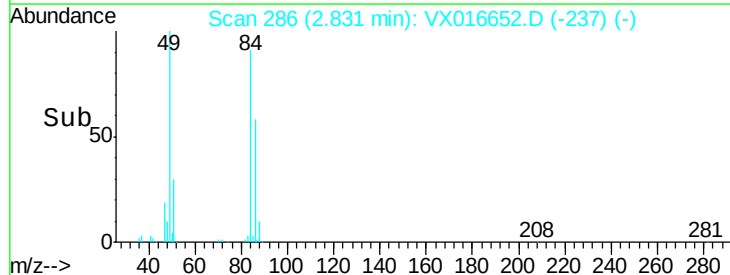
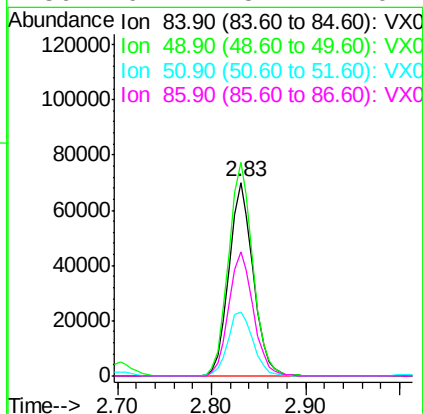
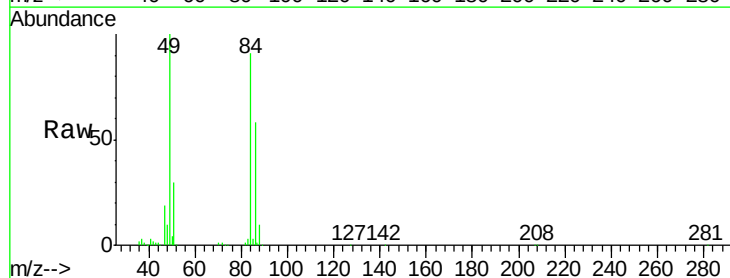
Tot Ion: 73 Resp: 406412
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6

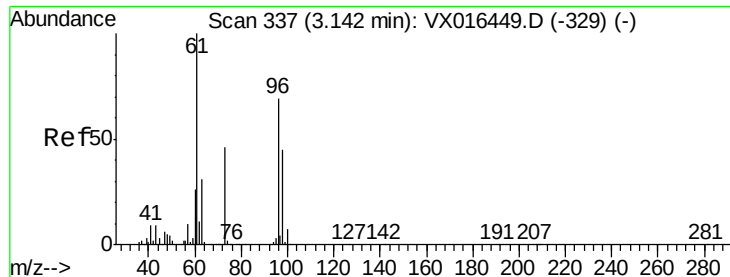


#20

Methylene Chloride
 Concen: 46.300 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion: 84 Resp: 124916
 Ion Ratio Lower Upper
 84 100
 49 110.4 94.5 141.7
 51 33.1 30.2 45.4
 86 64.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.747 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

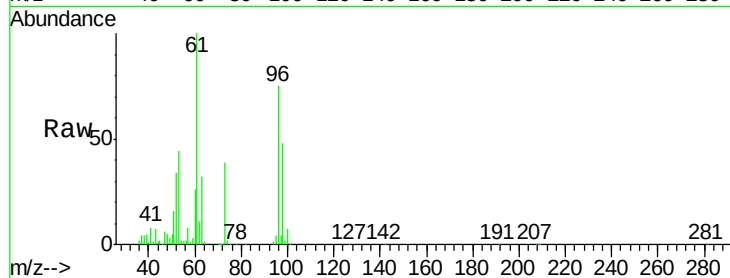
Tot Ion: 96 Resp: 121796

Ion Ratio Lower Upper

96 100

61 133.8 115.3 172.9

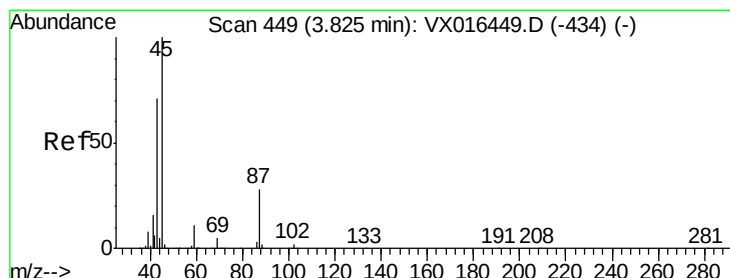
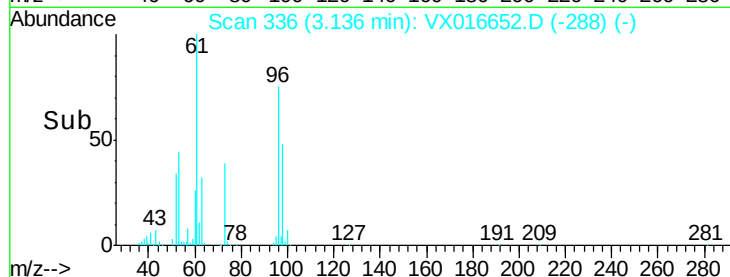
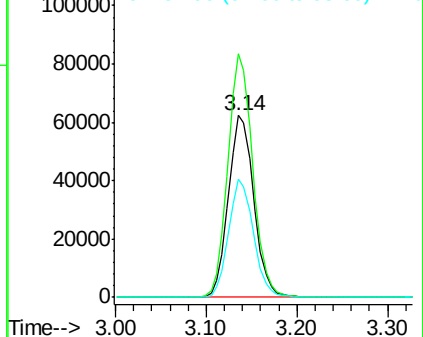
98 64.8 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 43.845 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Tgt Ion: 45 Resp: 357224

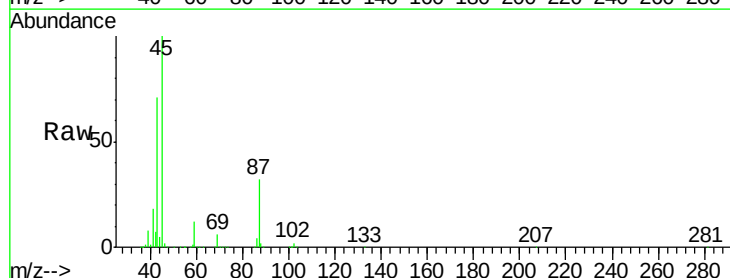
Ion Ratio Lower Upper

45 100

43 71.2 57.0 85.6

87 32.4 22.5 33.7

59 12.4 9.1 13.7

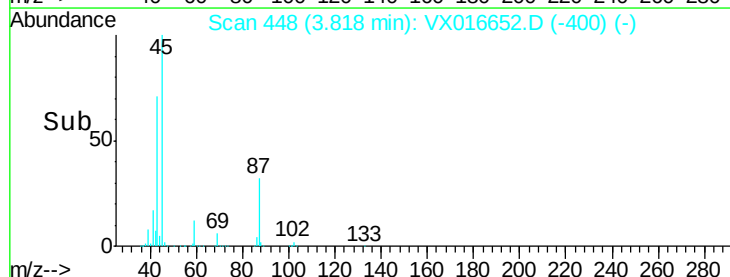
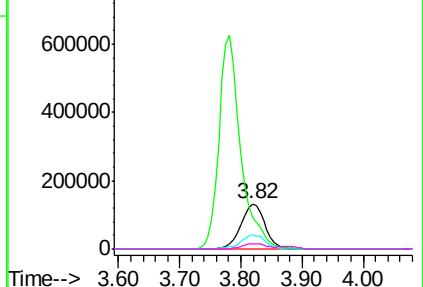


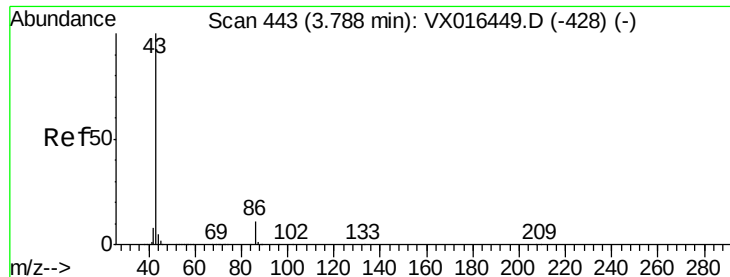
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 217.832 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

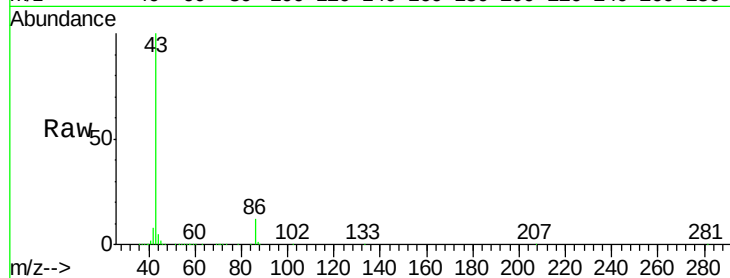
VSTDCCC050

Tot Ion: 43 Resp: 1553468

Ion Ratio Lower Upper

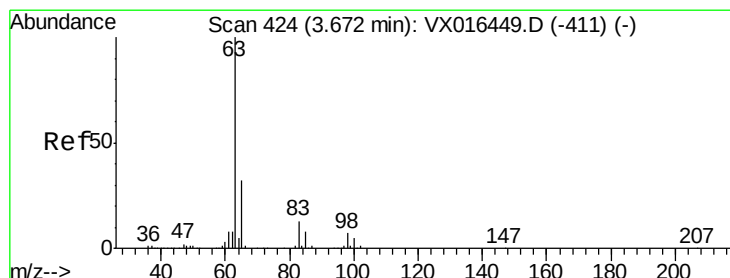
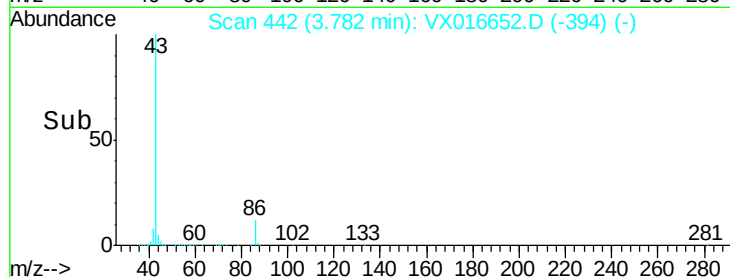
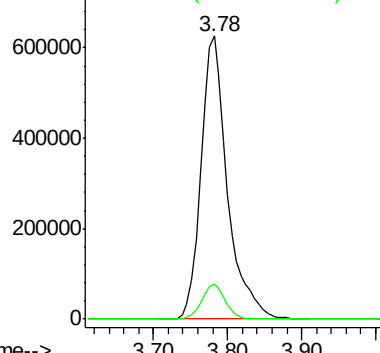
43 100

86 12.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.166 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

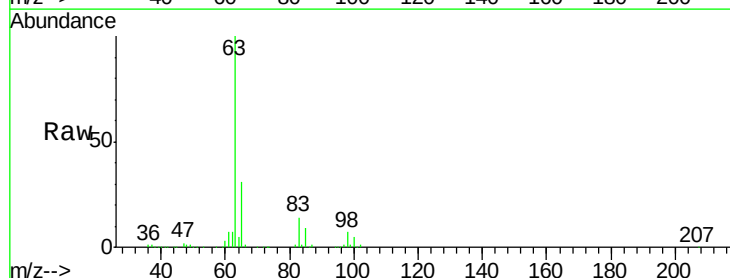
Tgt Ion: 63 Resp: 216895

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

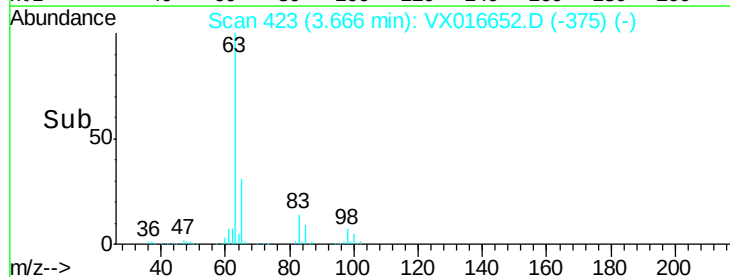
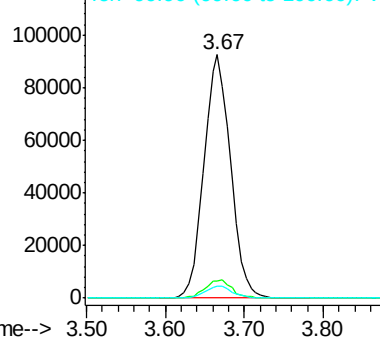
100 4.8 2.4 7.1

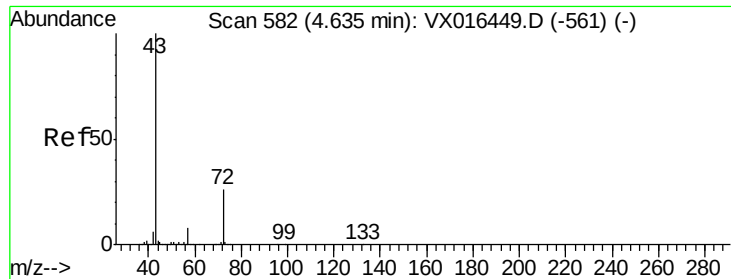


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

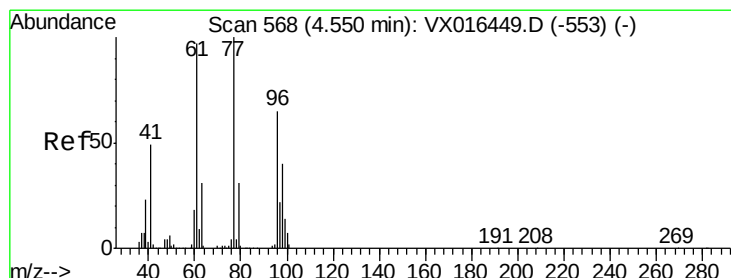
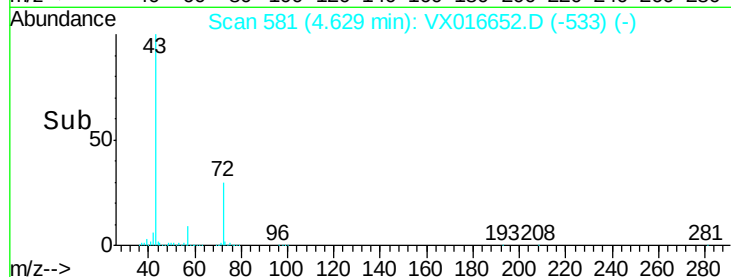
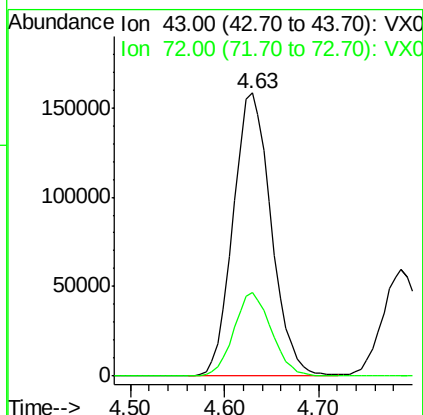
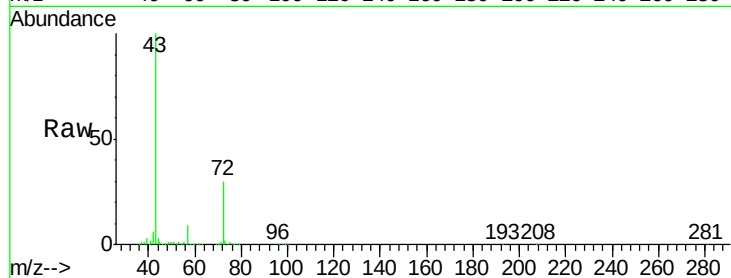




#25
2-Butanone
Concen: 201.793 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

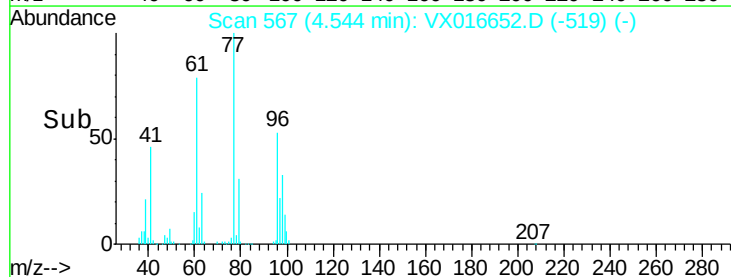
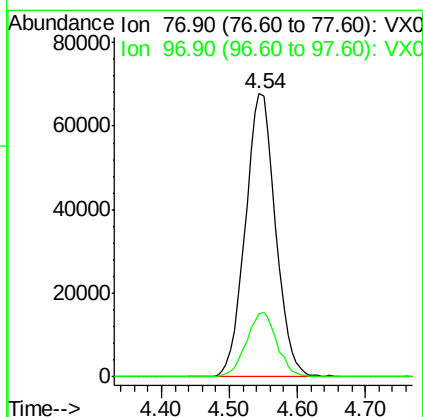
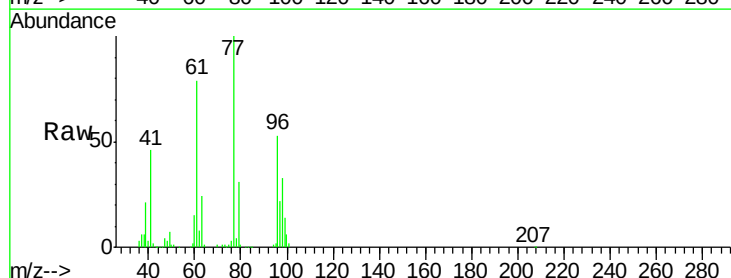
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

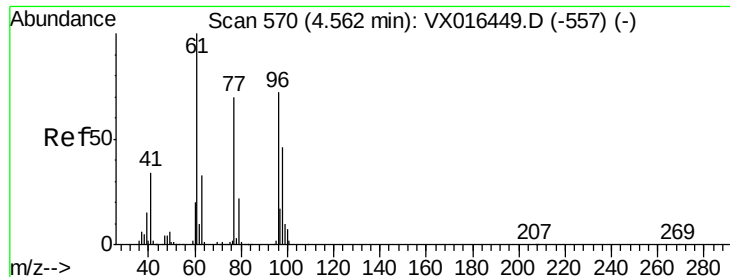
Tot Ion: 43 Resp: 445891
Ion Ratio Lower Upper
43 100
72 29.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 55.791 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 77 Resp: 209935
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4



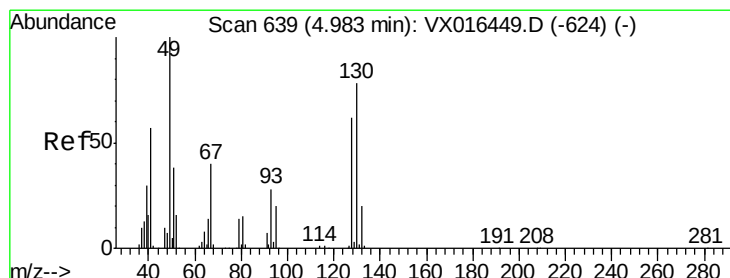
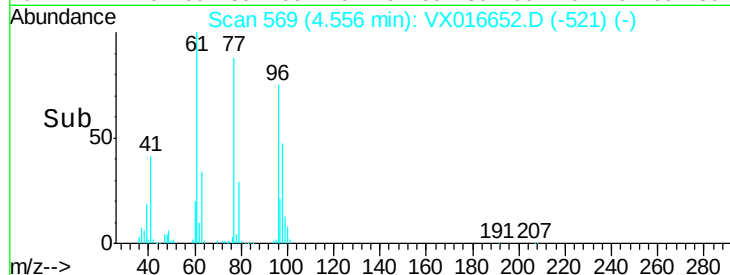
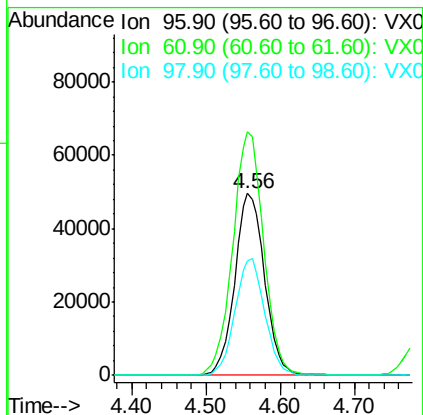
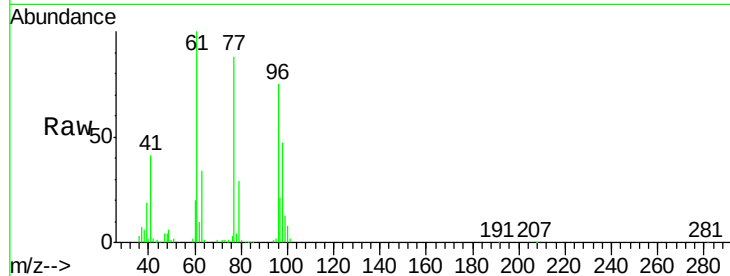


#27

cis-1,2-Dichloroethene
 Concen: 47.136 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

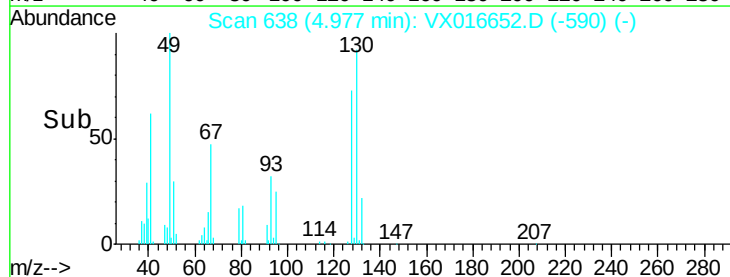
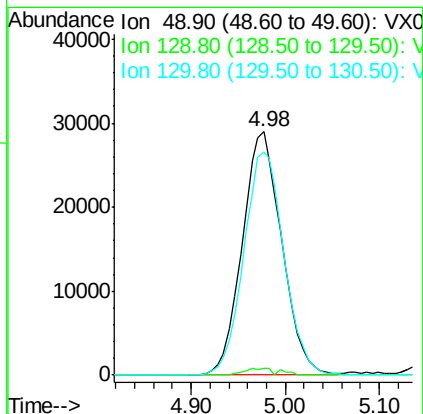
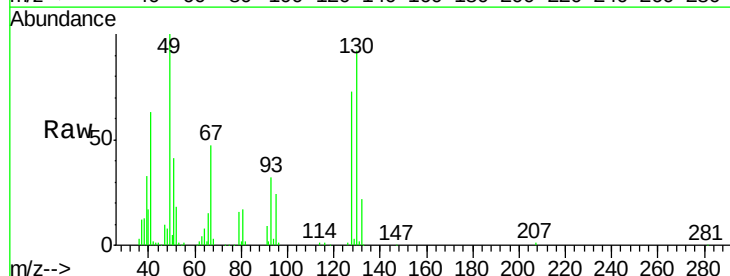
Tot Ion	96	Resp	139101
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	284.6
98	64.1	0.0	127.2

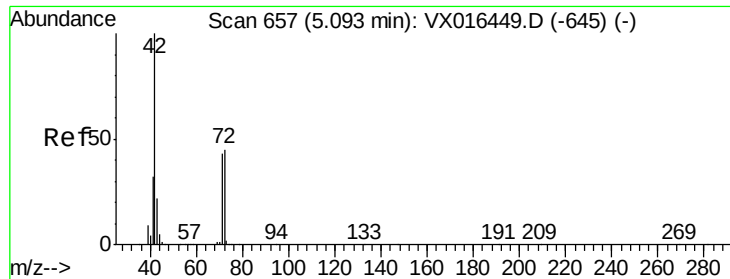


#28

Bromochloromethane
 Concen: 39.904 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion	49	Resp	85273
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	93.1	63.0	94.4





#29

Tetrahydrofuran

Concen: 202.837 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

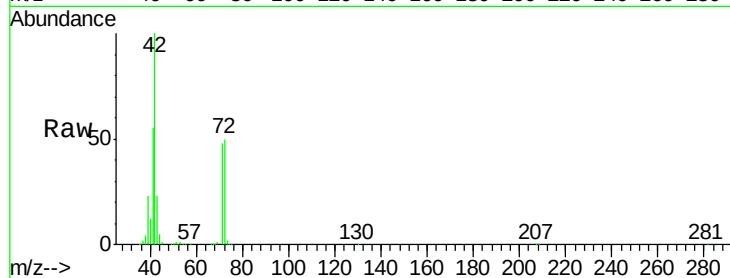
Tot Ion: 42 Resp: 289558

Ion Ratio Lower Upper

42 100

72 51.2 37.0 55.4

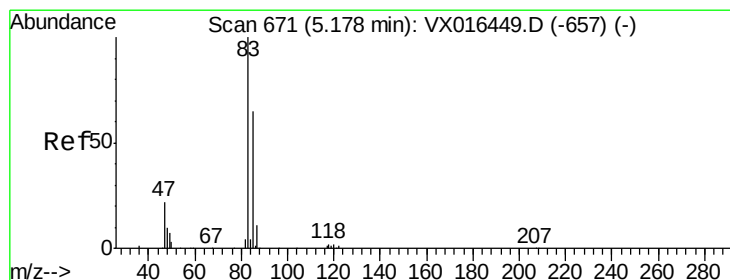
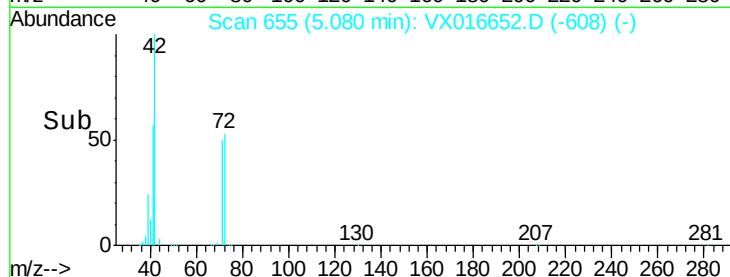
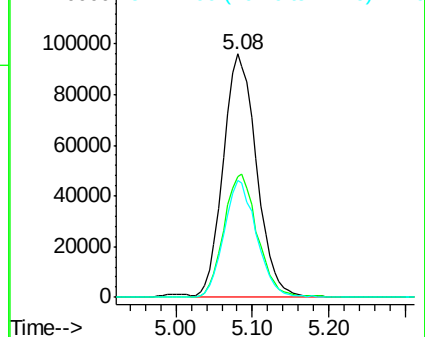
71 47.0 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.303 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016652.D

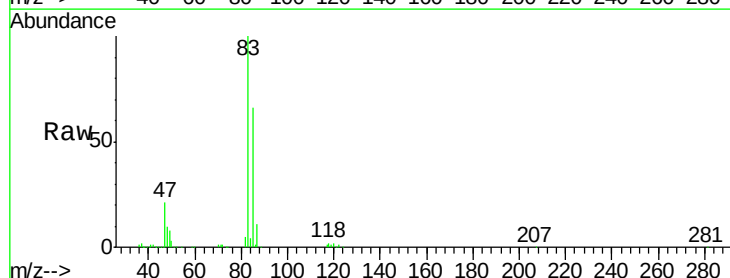
Acq: 09 Jun 2020 09:52

Tgt Ion: 83 Resp: 228444

Ion Ratio Lower Upper

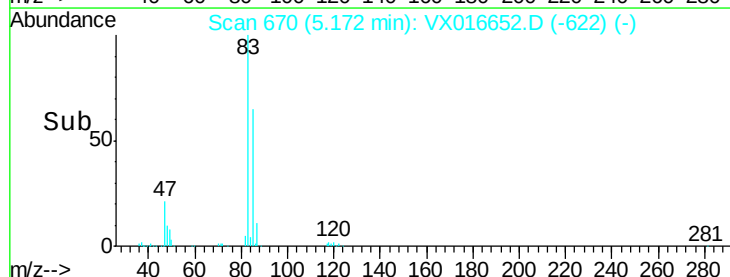
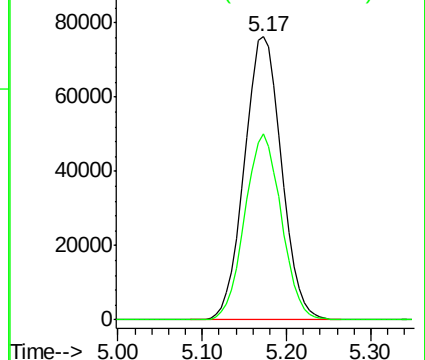
83 100

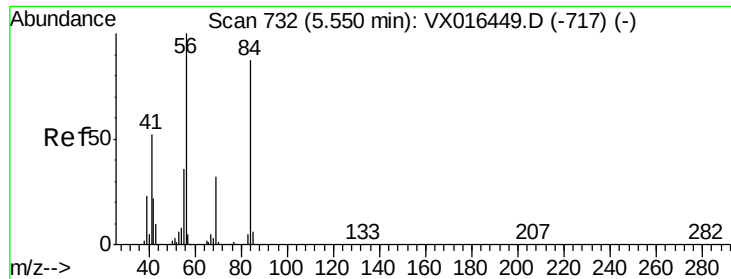
85 65.8 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

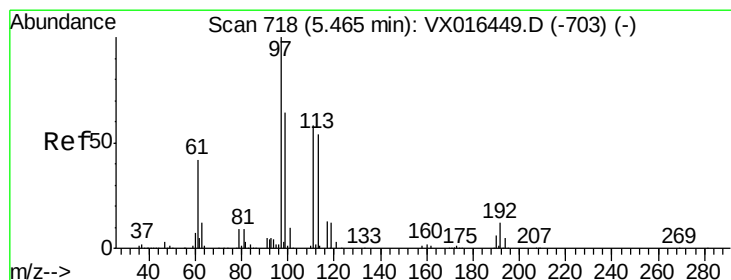
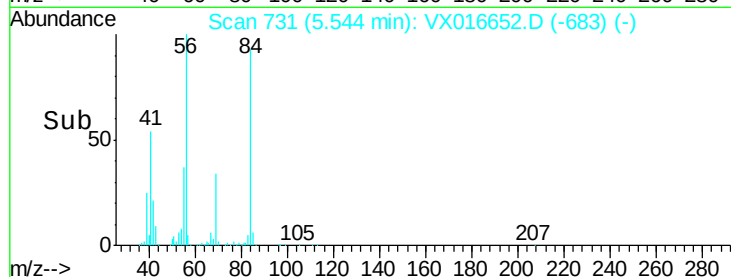
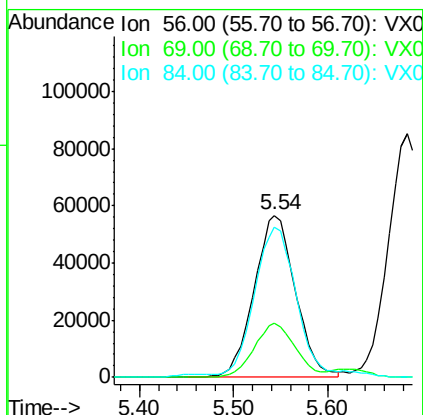
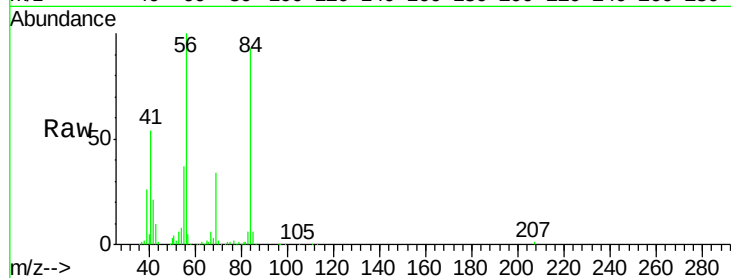




#31
Cyclohexane
Concen: 41.921 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

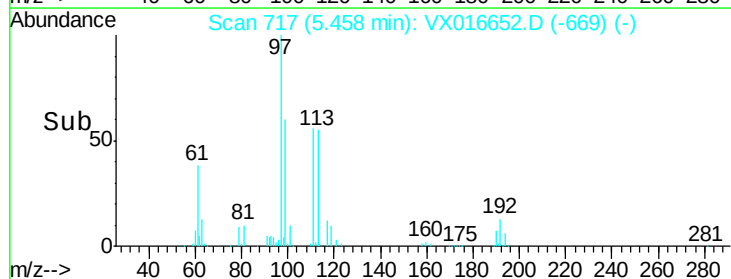
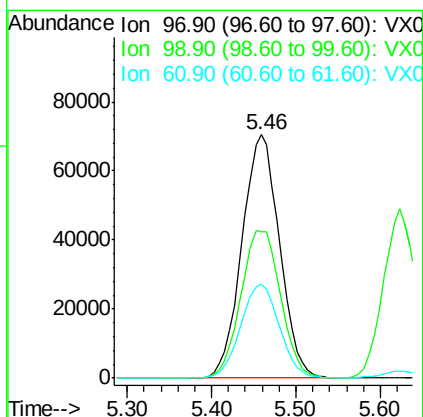
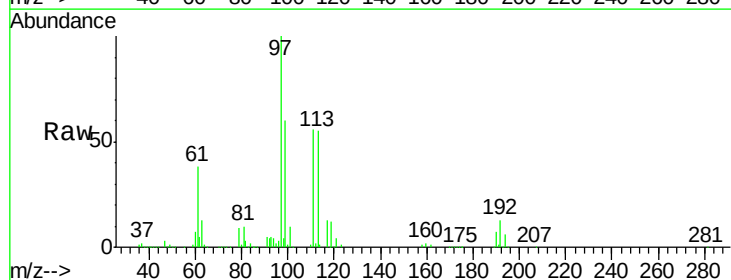
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

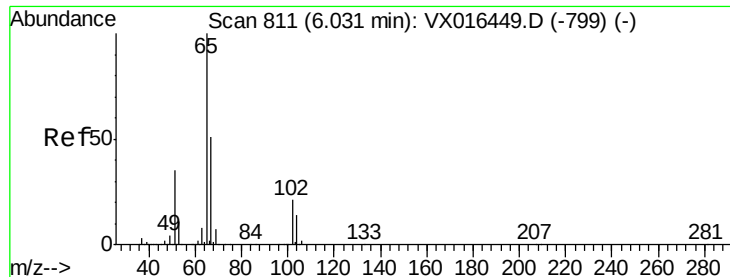
Tot Ion: 56 Resp: 173429
Ion Ratio Lower Upper
56 100
69 33.5 25.7 38.5
84 90.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.751 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 97 Resp: 212897
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 39.8 33.5 50.3

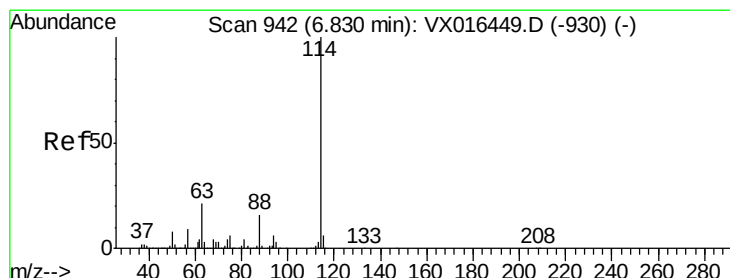
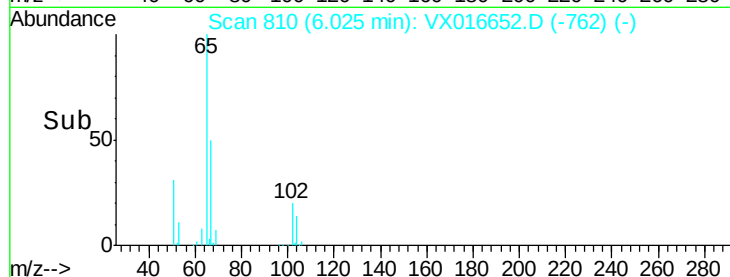
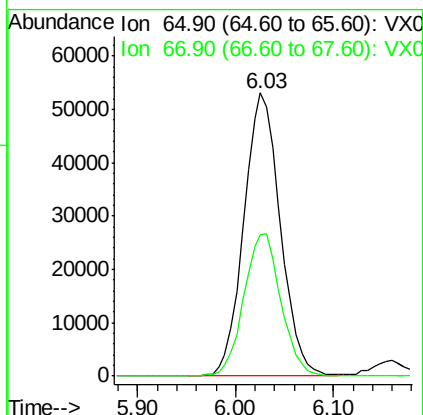
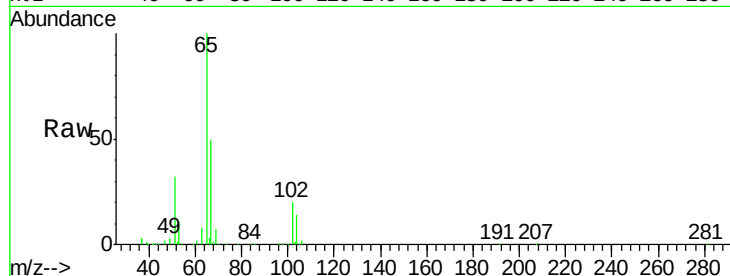




#33
 1,2-Dichloroethane-d4
 Concen: 46.123 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

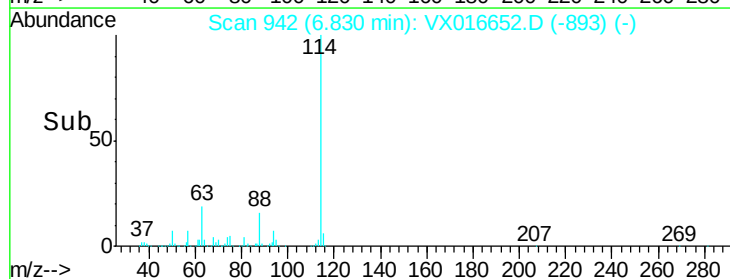
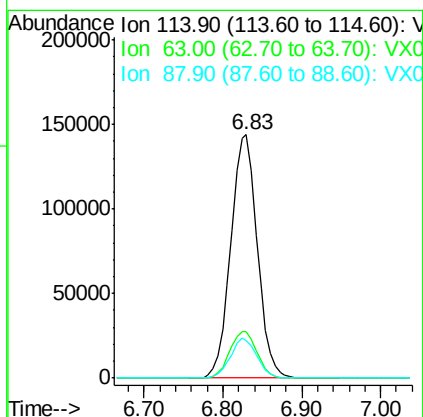
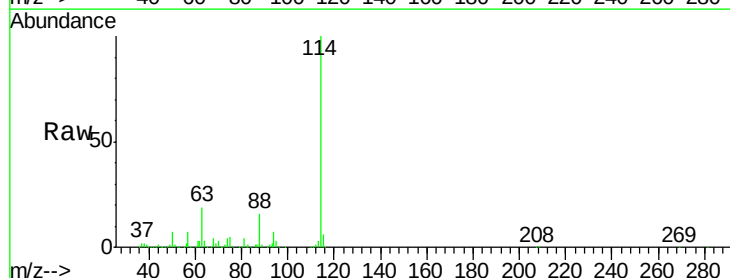
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

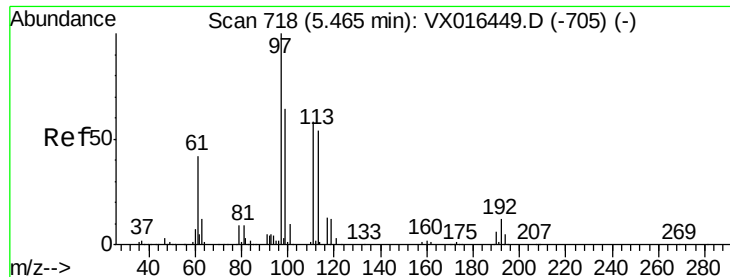
Tot Ion: 65 Resp: 137281
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion: 114 Resp: 336048
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.6
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.660 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

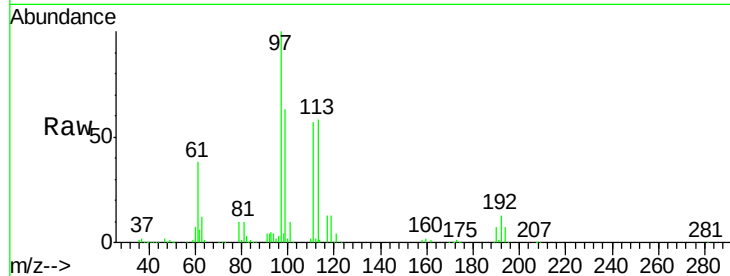
Tot Ion:113 Resp: 113103

Ion Ratio Lower Upper

113 100

111 100.2 83.0 124.6

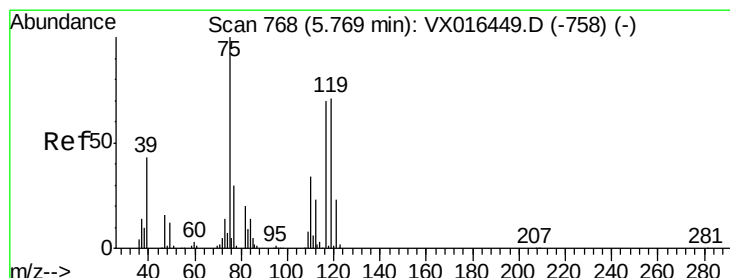
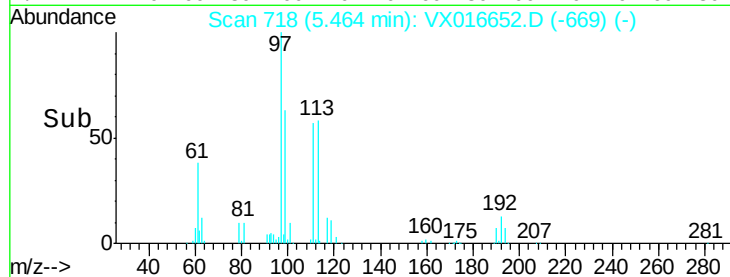
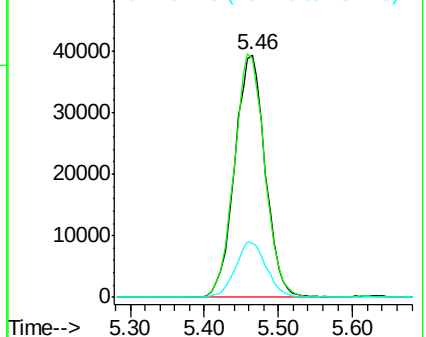
192 23.1 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.722 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

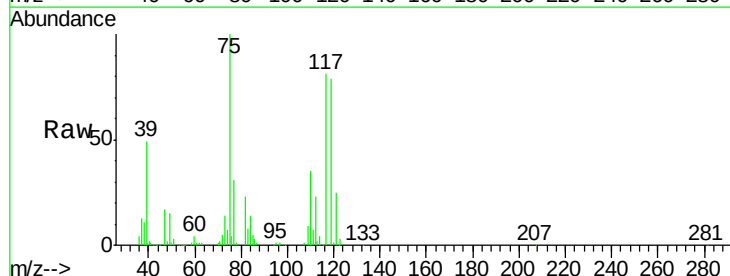
Tgt Ion: 75 Resp: 167748

Ion Ratio Lower Upper

75 100

110 36.5 17.4 52.3

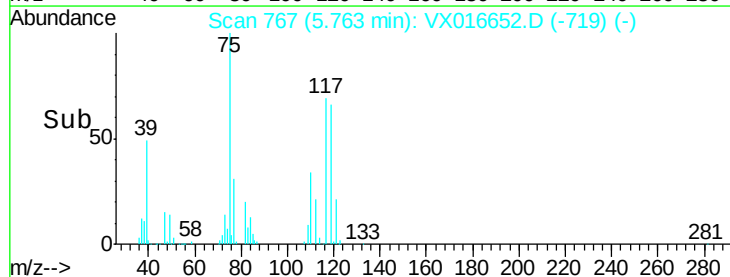
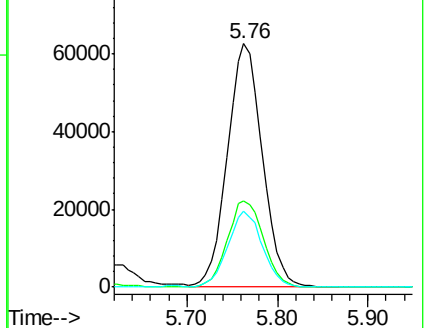
77 30.8 24.2 36.4

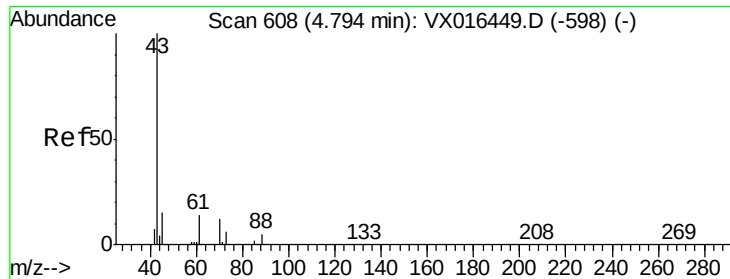


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

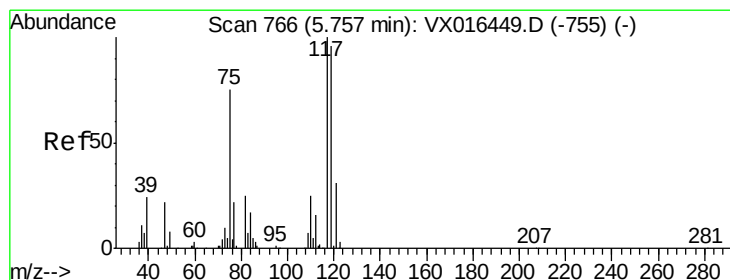
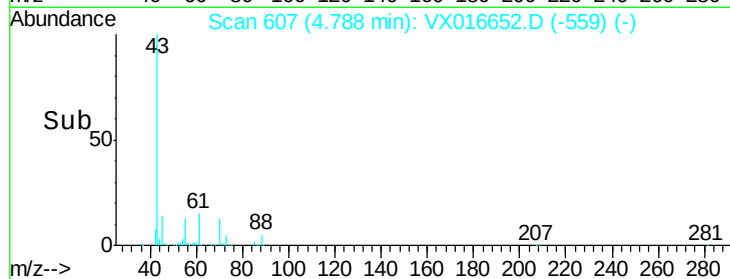
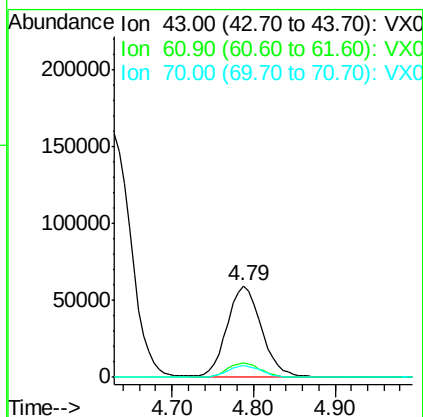
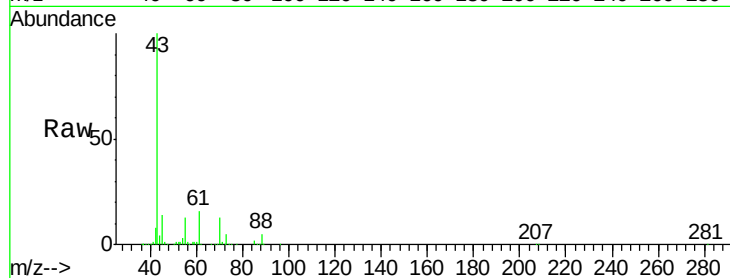




#37
Ethyl Acetate
Concen: 45.156 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

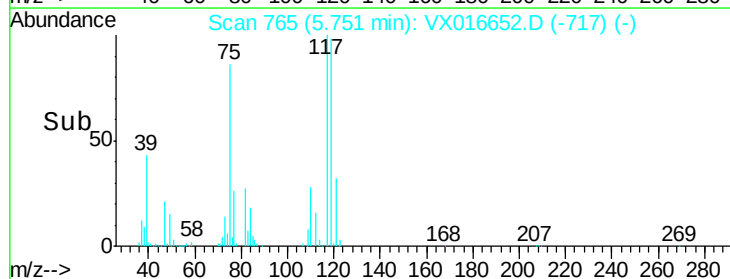
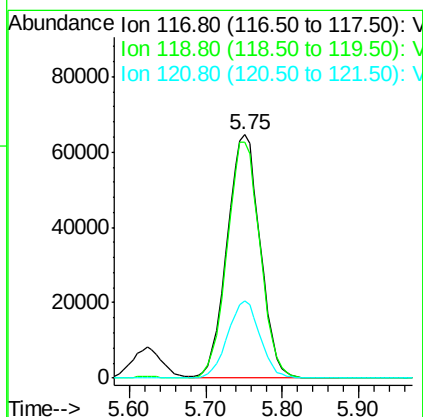
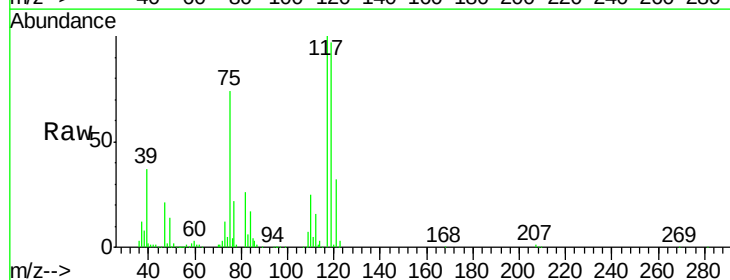
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

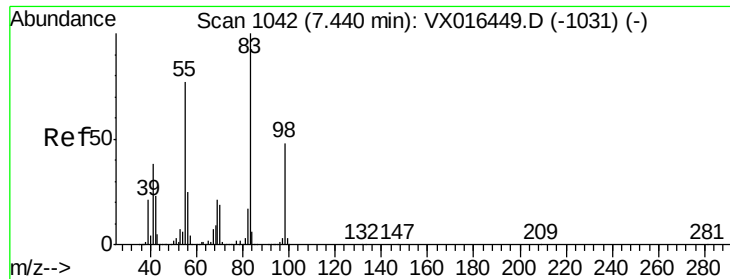
Tot Ion: 43 Resp: 172494
Ion Ratio Lower Upper
43 100
61 15.2 11.3 16.9
70 12.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 57.669 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 117 Resp: 192828
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5
121 31.7 24.6 37.0

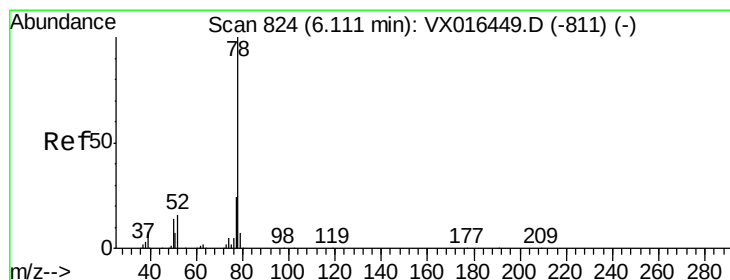
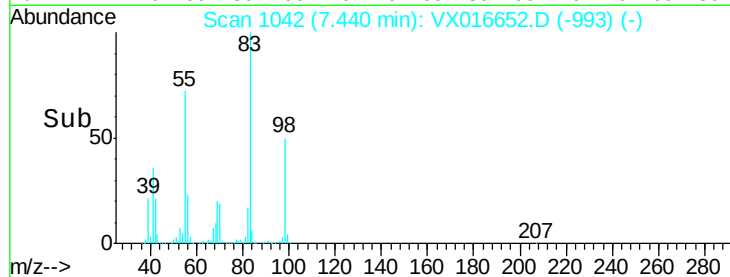
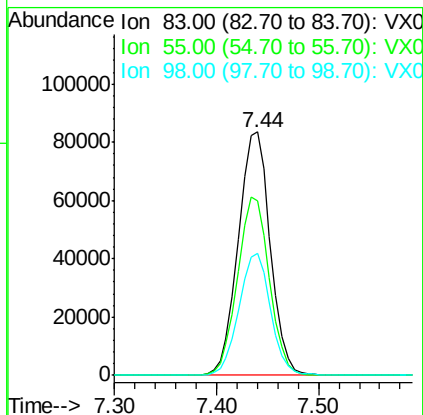
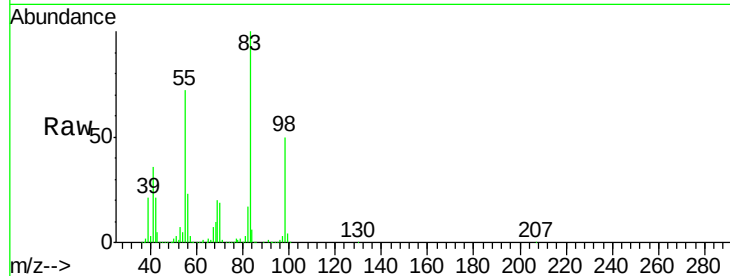




#39
Methylvlcyclohexane
Concen: 52.657 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

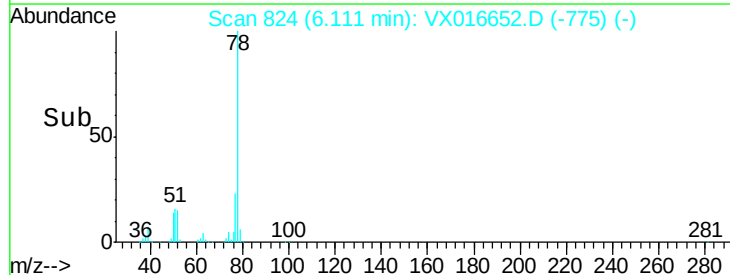
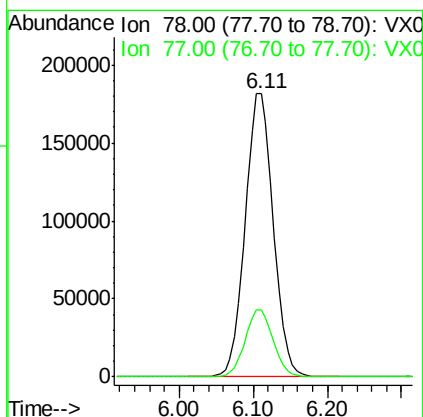
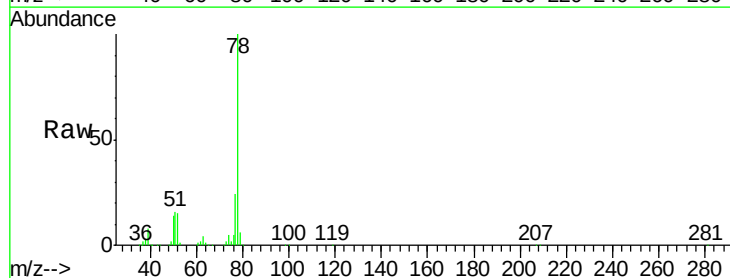
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

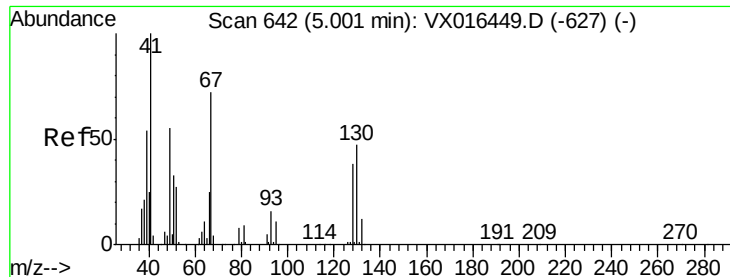
Tot Ion: 83 Resp: 181978
Ion Ratio Lower Upper
83 100
55 71.9 61.7 92.5
98 49.9 38.7 58.1



#40
Benzene
Concen: 50.796 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 78 Resp: 481291
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

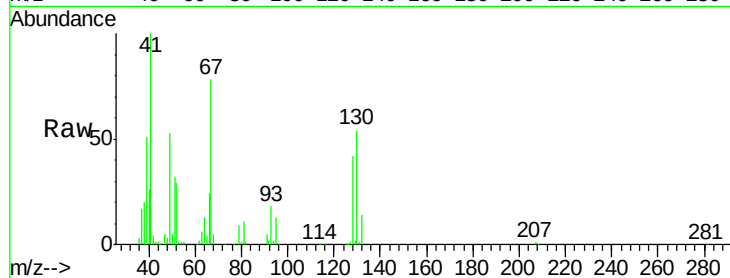




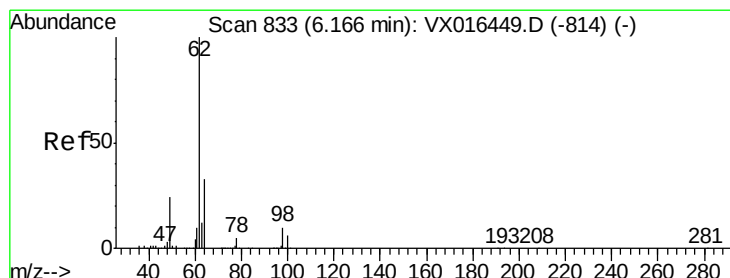
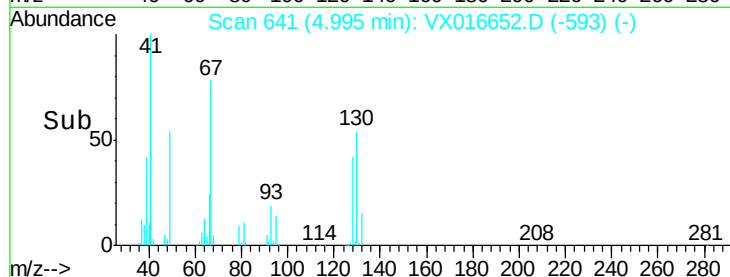
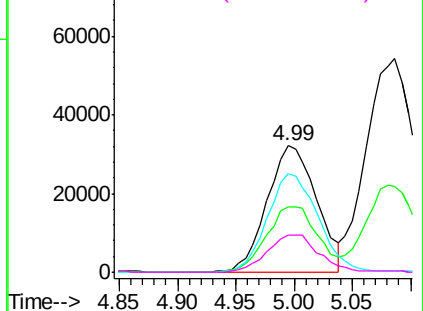
#41
Methacrylonitrile
Concen: 45.383 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	95224
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.0	64.4
67	79.8	58.9	88.3
52	31.7	23.1	34.7

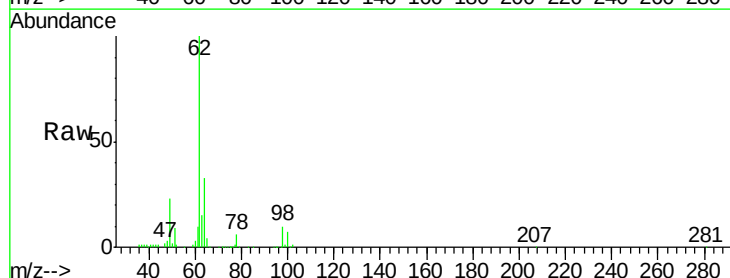


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

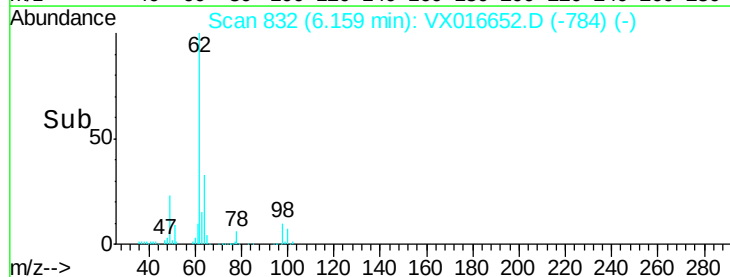
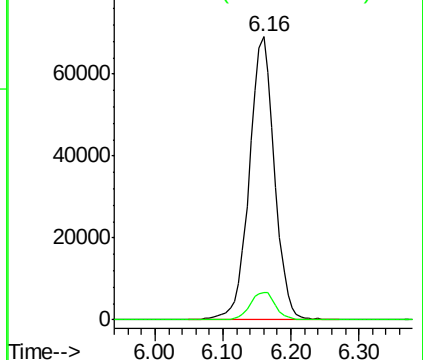


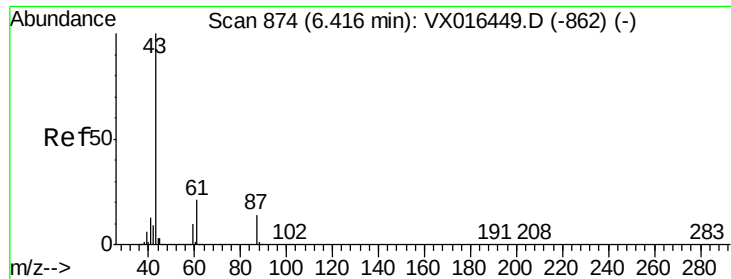
#42
1,2-Dichloroethane
Concen: 52.816 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion:	62	Resp:	177968
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 45.149 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

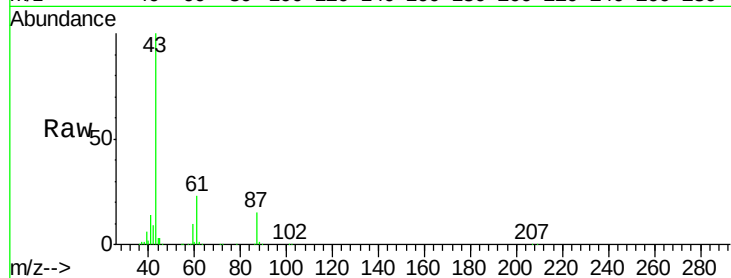
Tot Ion: 43 Resp: 269016

Ion Ratio Lower Upper

43 100

61 22.0 16.8 25.2

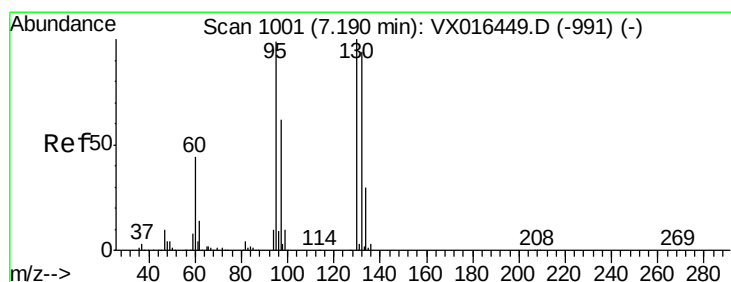
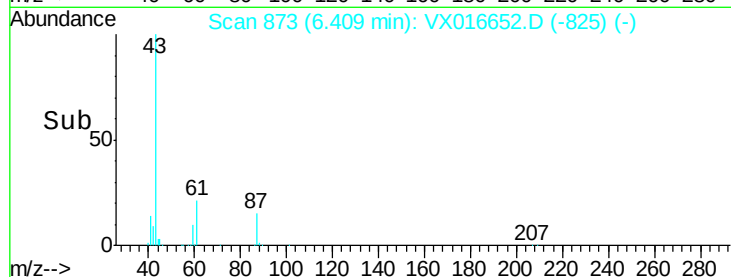
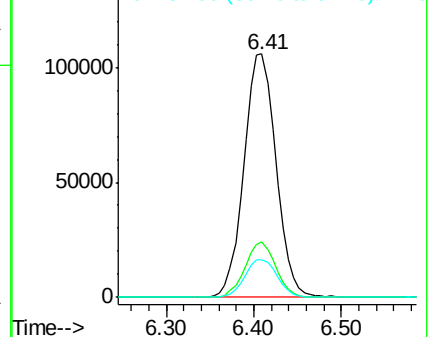
87 15.8 11.2 16.8



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: 54.748 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016652.D

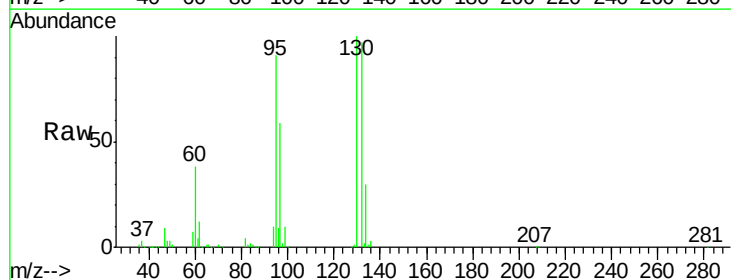
Acq: 09 Jun 2020 09:52

Tgt Ion:130 Resp: 164584

Ion Ratio Lower Upper

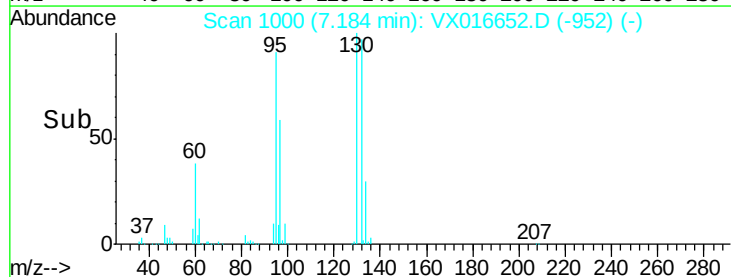
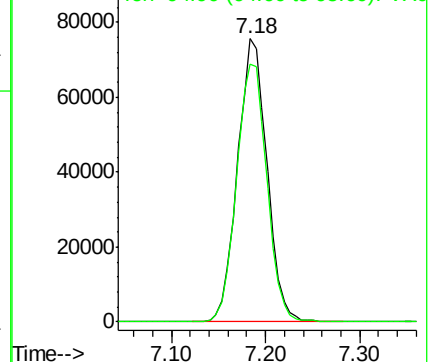
130 100

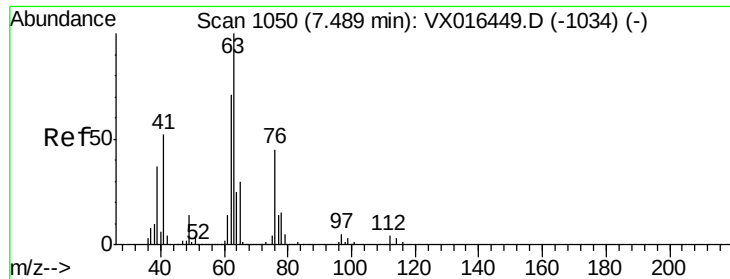
95 91.3 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.405 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

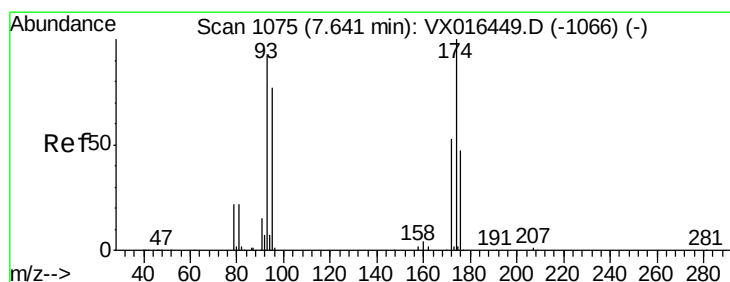
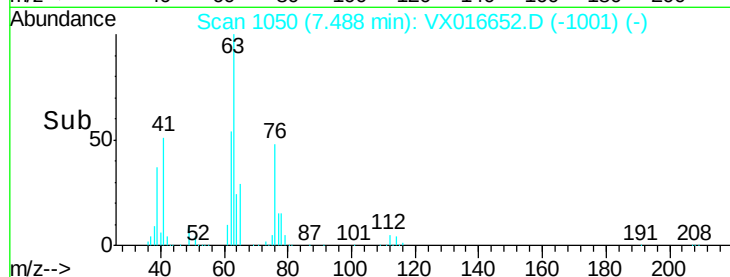
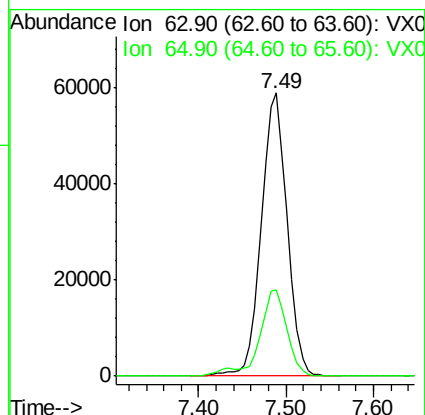
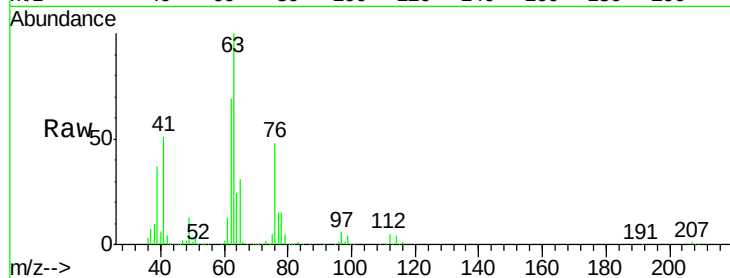
VSTDCCC050

Tot Ion: 63 Resp: 121585

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2



#46

Dibromomethane

Concen: 52.804 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

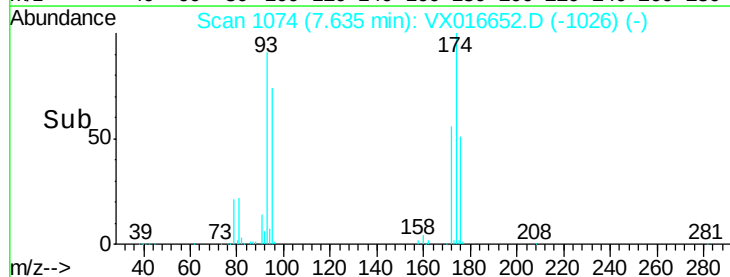
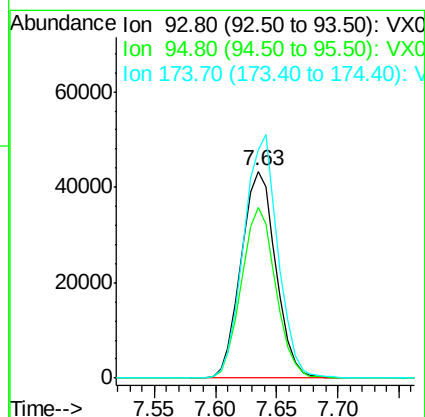
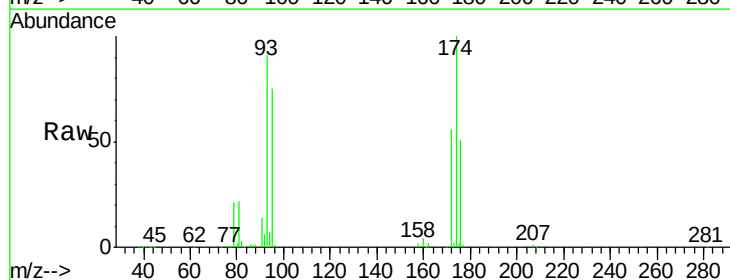
Tgt Ion: 93 Resp: 85551

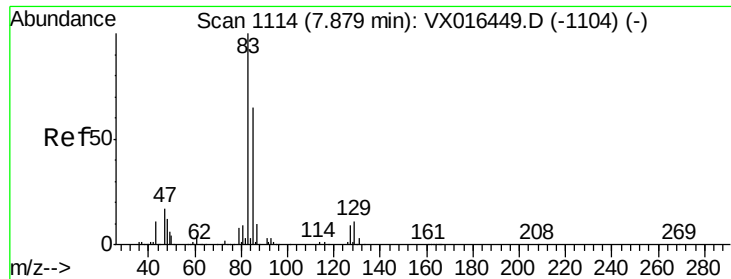
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 116.0 86.2 129.4





#47

Bromodichloromethane

Concen: 54.415 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

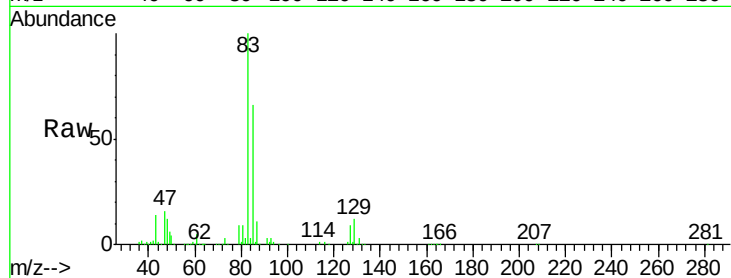
Tot Ion: 83 Resp: 182544

Ion Ratio Lower Upper

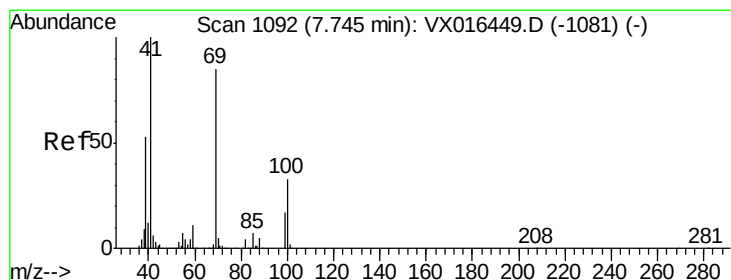
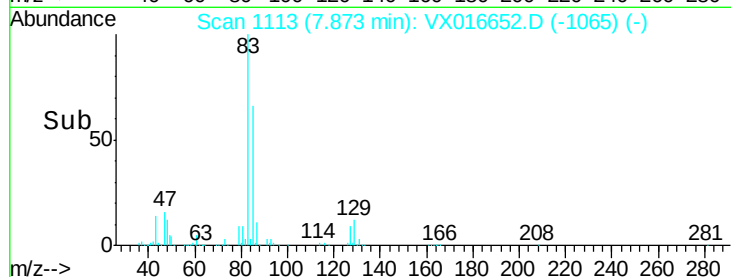
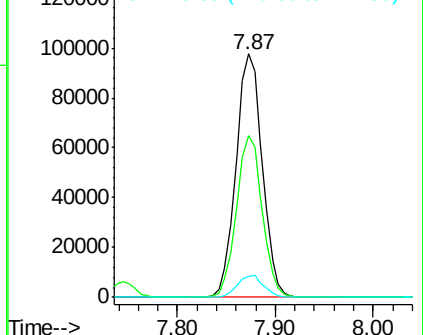
83 100

85 66.3 52.0 78.0

127 8.7 7.4 11.0



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: 45.955 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

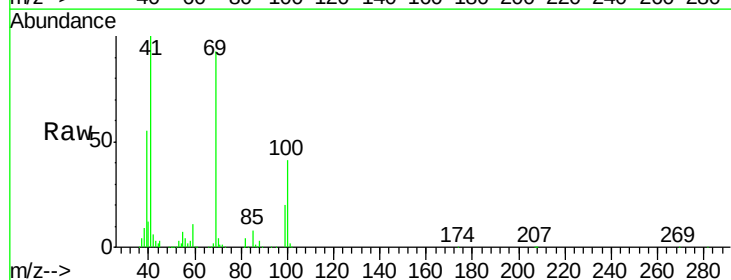
Tgt Ion: 41 Resp: 131106

Ion Ratio Lower Upper

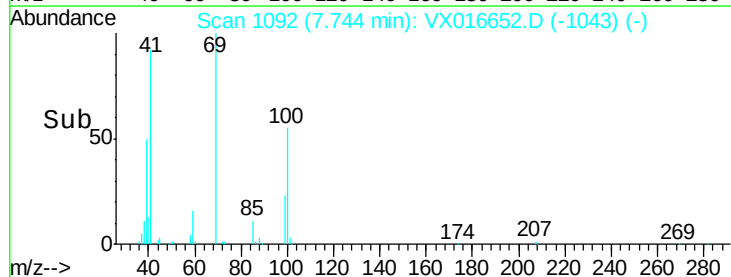
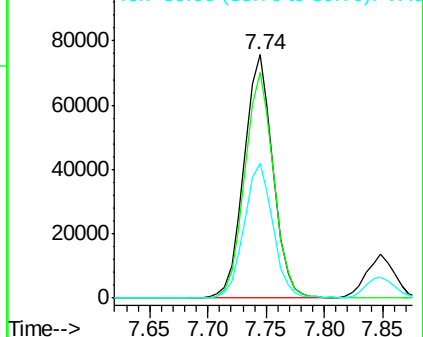
41 100

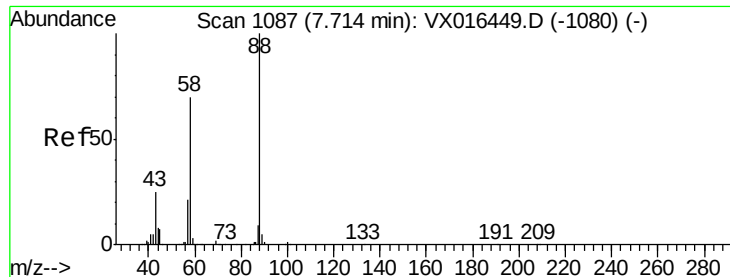
69 93.1 68.6 102.8

39 55.4 42.4 63.6



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: 974.283 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

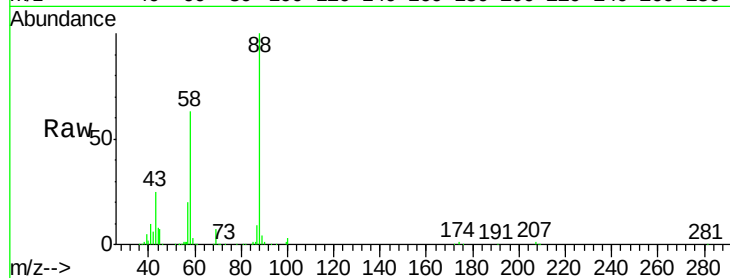
Tot Ion: 88 Resp: 65048

Ion Ratio Lower Upper

88 100

43 30.4 24.2 36.4

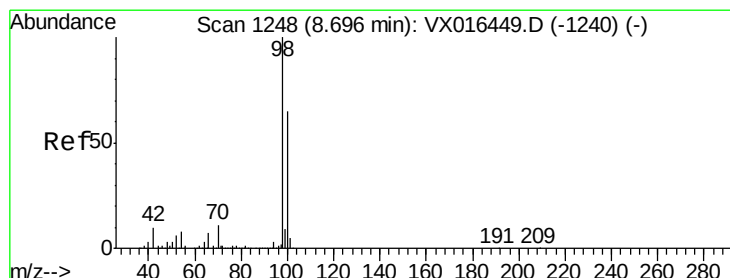
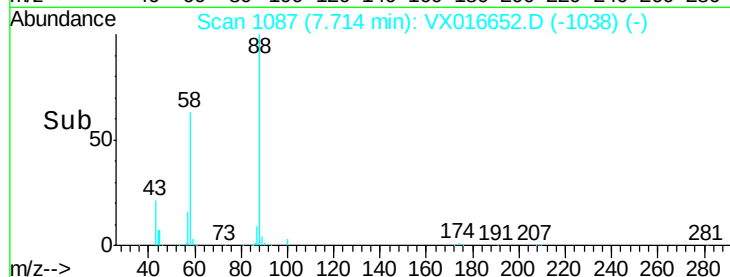
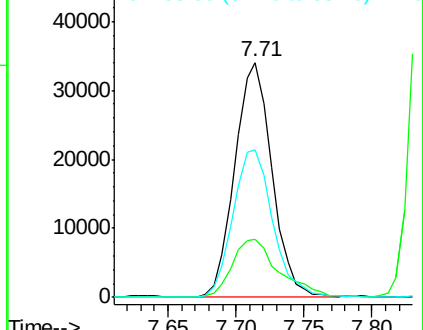
58 67.2 56.5 84.7



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: 52.478 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016652.D

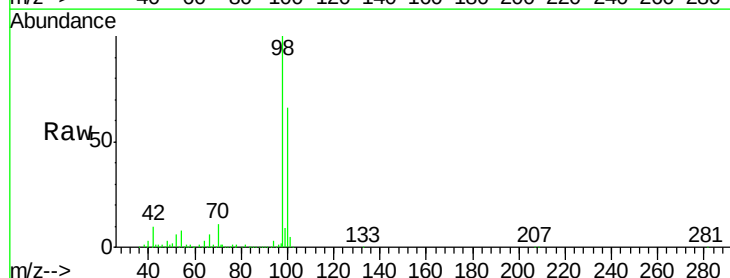
Acq: 09 Jun 2020 09:52

Tgt Ion: 98 Resp: 422642

Ion Ratio Lower Upper

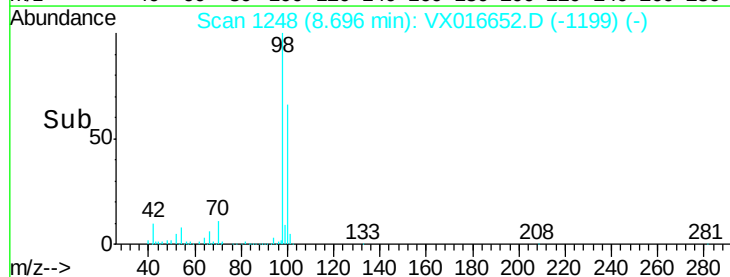
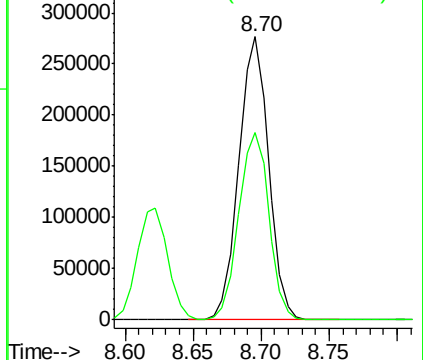
98 100

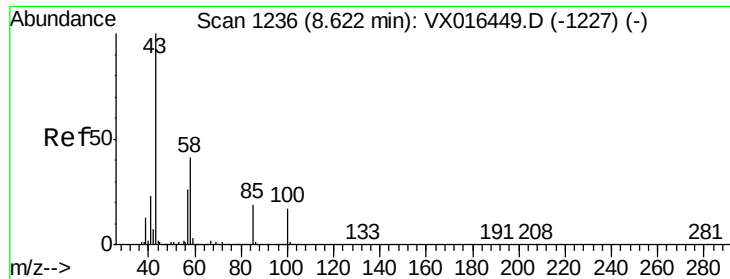
100 67.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

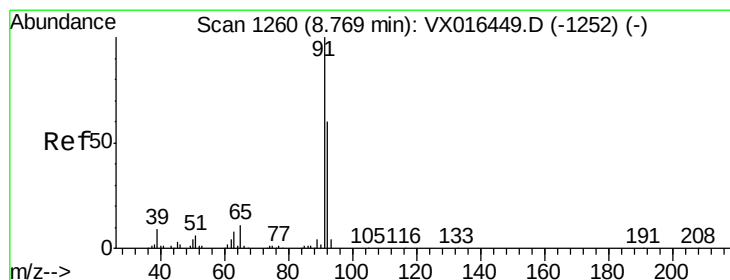
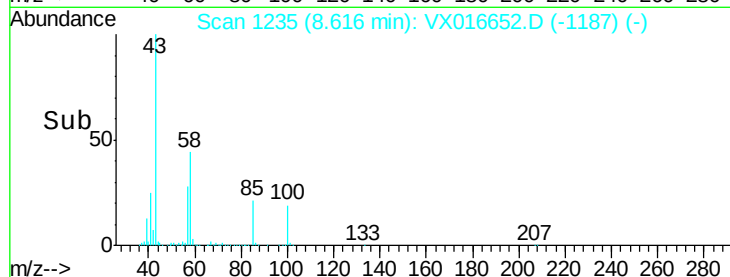
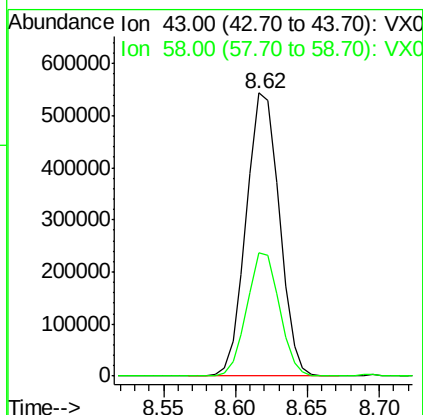
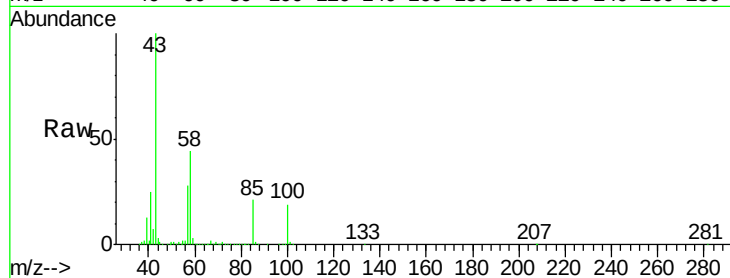




#51
 4-Methyl-2-Pentanone
 Concen: 233.687 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

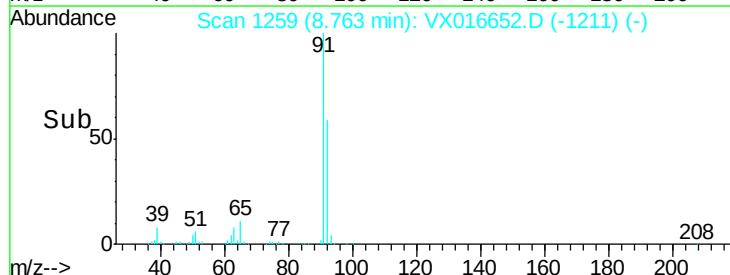
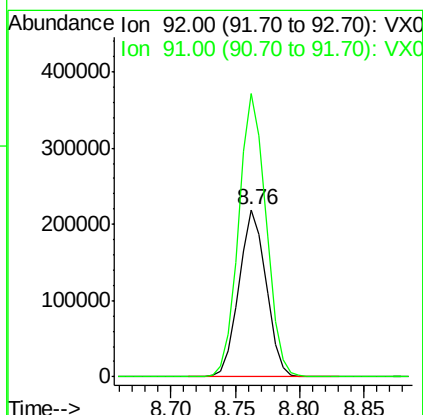
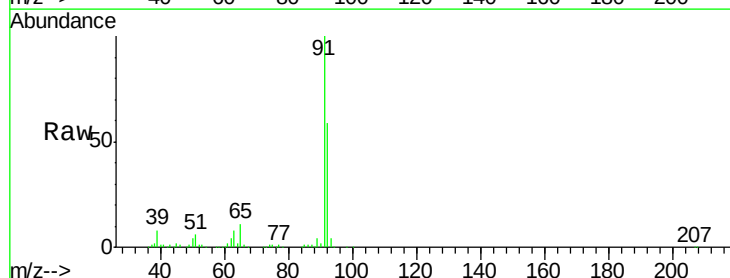
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

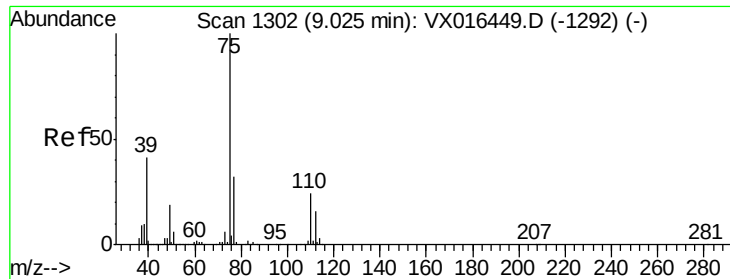
Tot Ion: 43 Resp: 866998
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.0 49.6



#52
 Toluene
 Concen: 53.767 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion: 92 Resp: 321255
 Ion Ratio Lower Upper
 92 100
 91 170.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 56.043 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

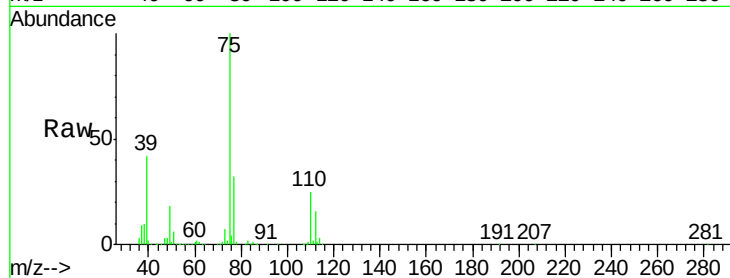
VSTDCCC050

Tot Ion: 75 Resp: 213782

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

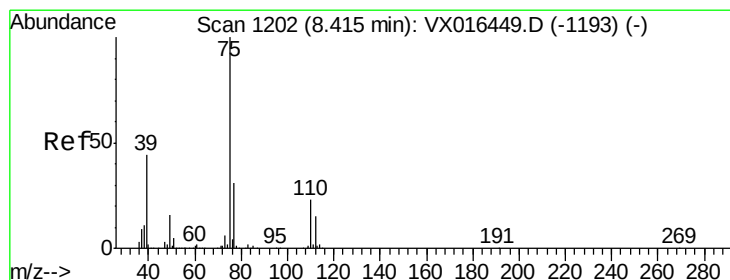
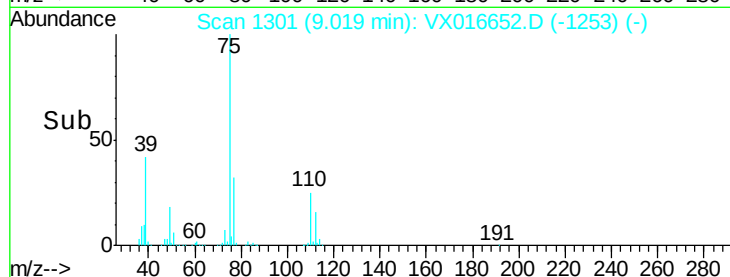
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 54.568 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

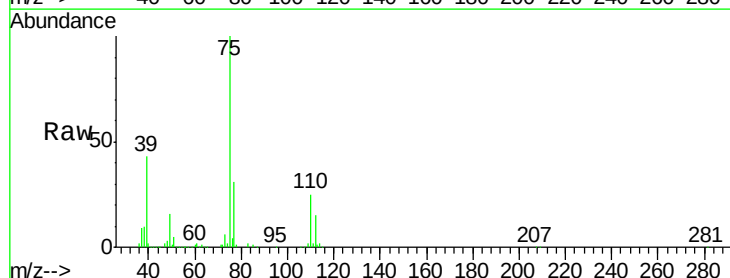
Tgt Ion: 75 Resp: 220326

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 42.6 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

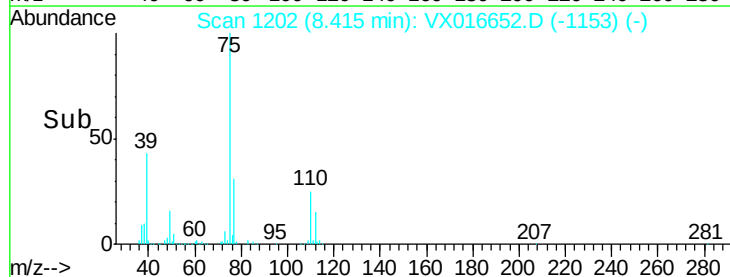
150000

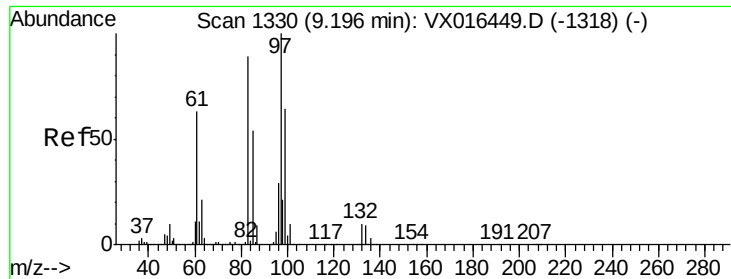
100000

50000

0

Time--> 8.30 8.40 8.50

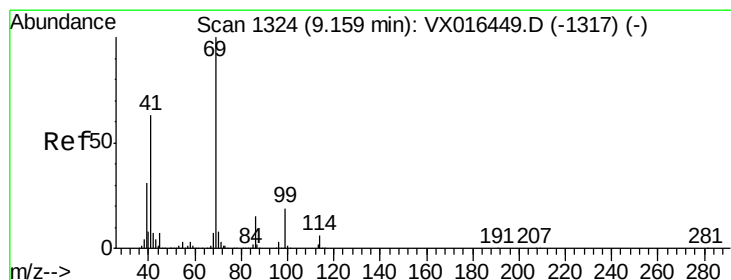
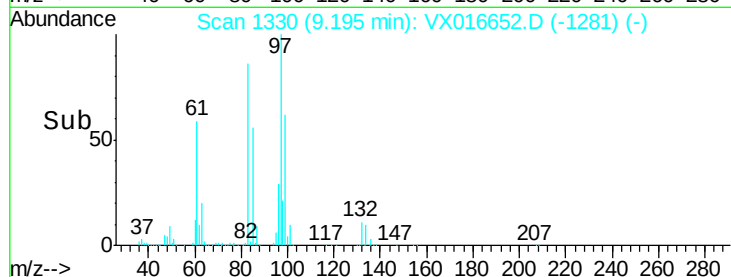
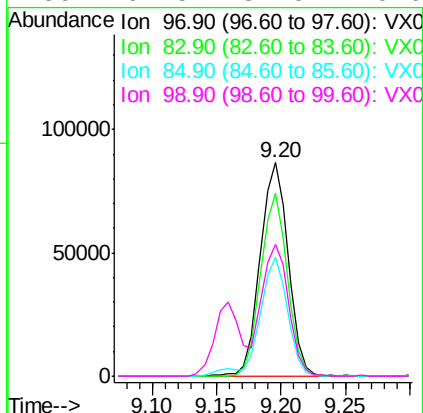
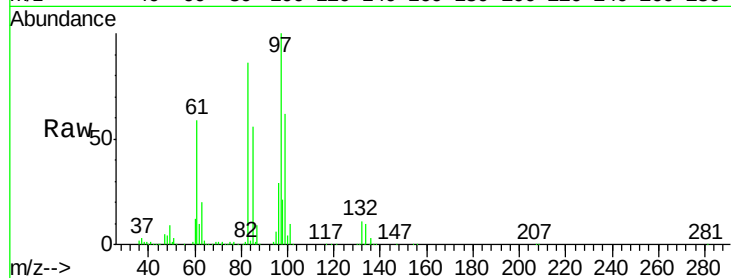




#55
 1,1,2-Trichloroethane
 Concen: 54.737 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

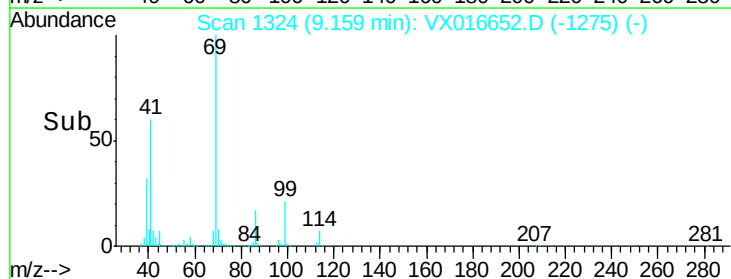
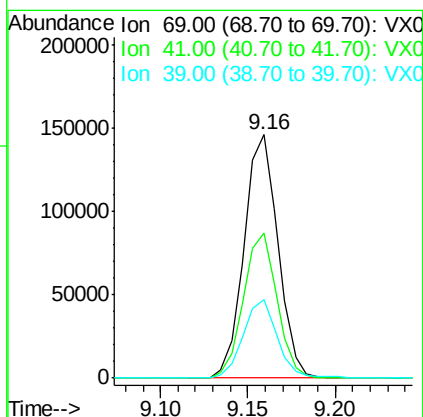
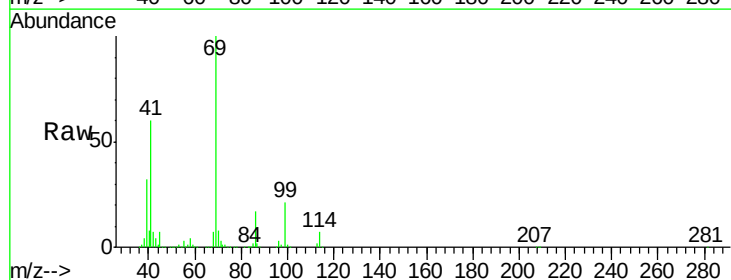
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

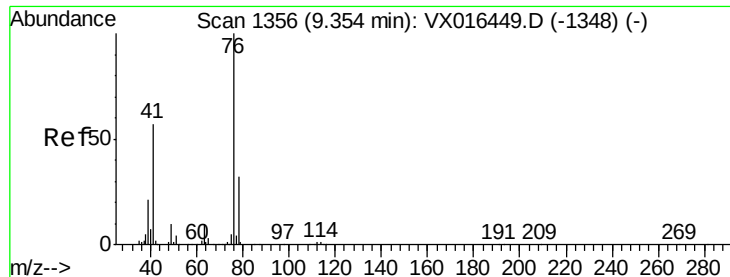
Tot Ion:	97	Resp:	130035
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.9	106.3
85	55.6	43.4	65.2
99	61.5	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.886 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion:	69	Resp:	196880
Ion	Ratio	Lower	Upper
69	100		
41	59.2	50.7	76.1
39	32.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 53.207 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

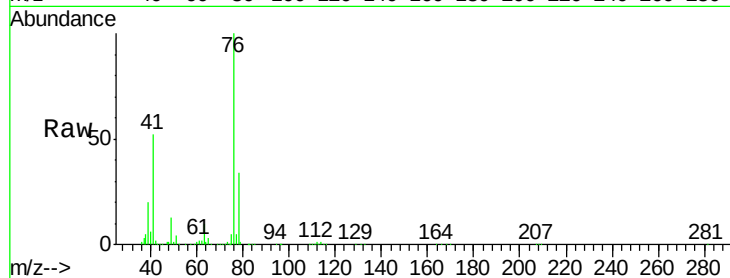
VSTDCCC050

Tot Ion: 76 Resp: 216961

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

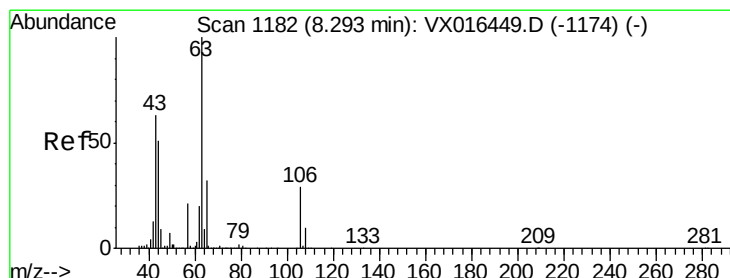
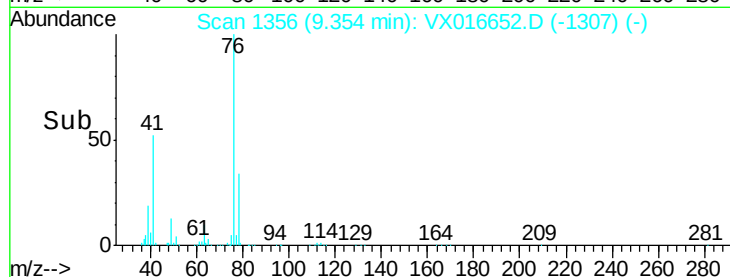
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 227.474 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016652.D

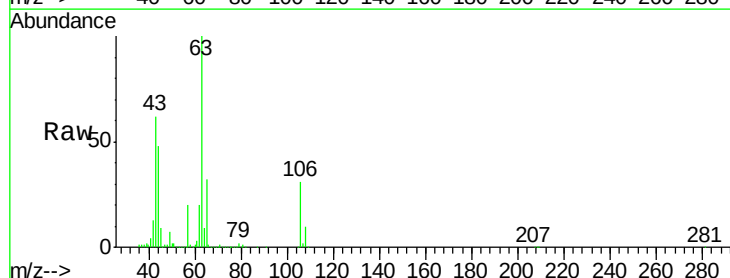
Acq: 09 Jun 2020 09:52

Tgt Ion: 63 Resp: 459376

Ion Ratio Lower Upper

63 100

106 31.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

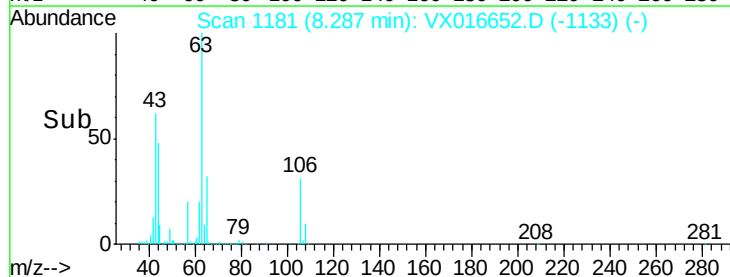
300000

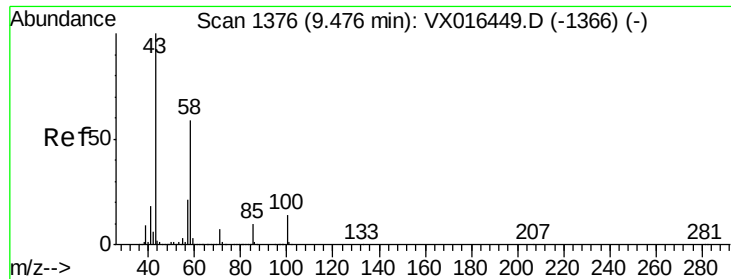
200000

100000

0

Time-->

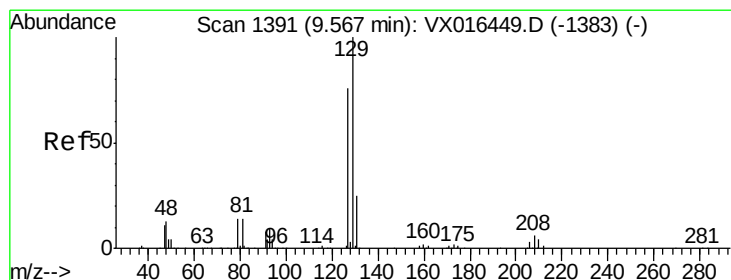
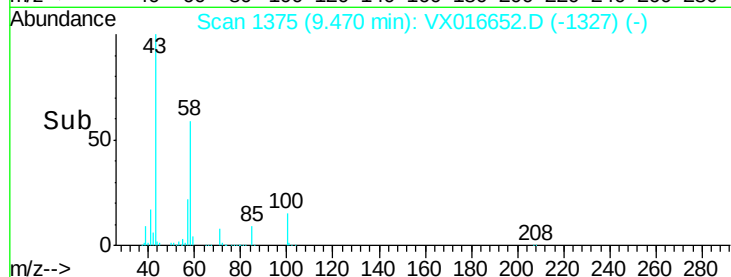
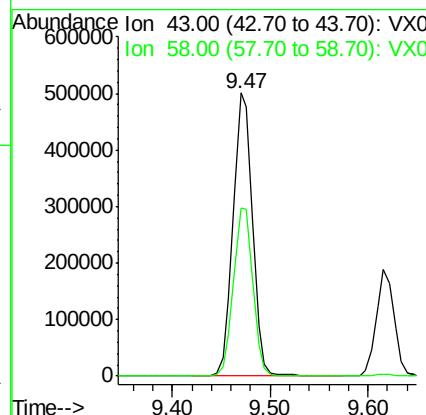
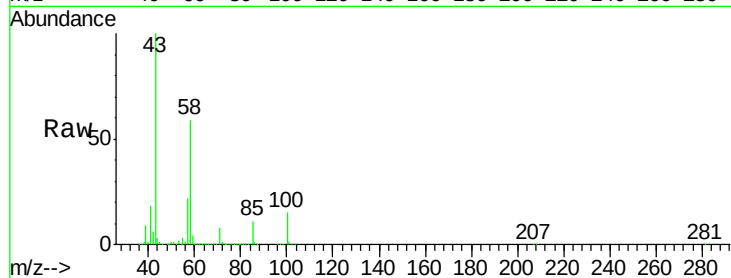




#59
2-Hexanone
Concen: 238.935 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

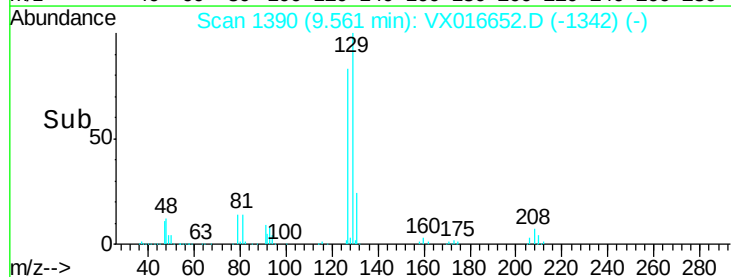
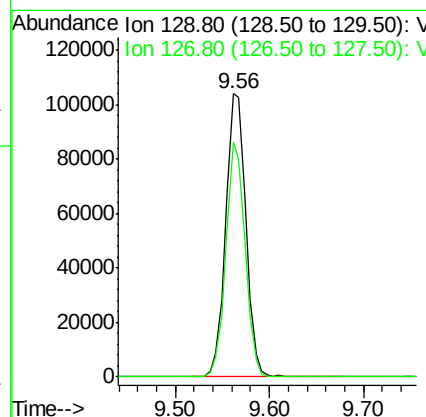
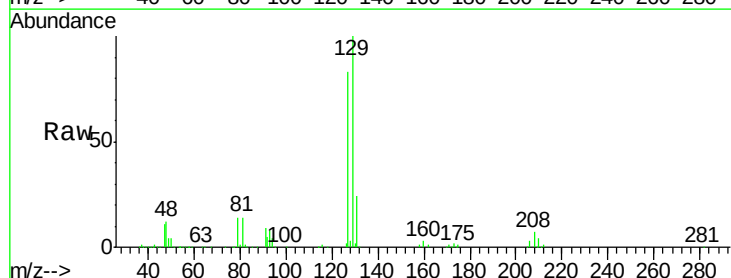
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

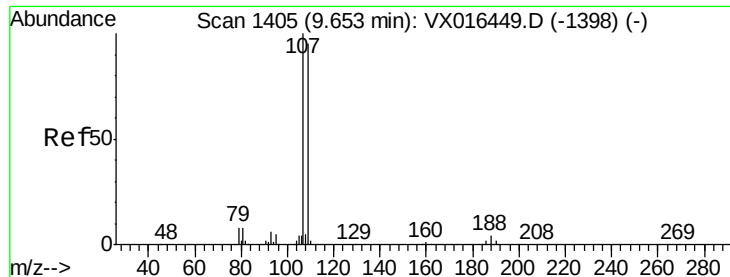
Tot Ion: 43 Resp: 689367
Ion Ratio Lower Upper
43 100
58 59.8 28.8 86.4



#60
Dibromochloromethane
Concen: 57.515 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 129 Resp: 153763
Ion Ratio Lower Upper
129 100
127 79.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.451 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

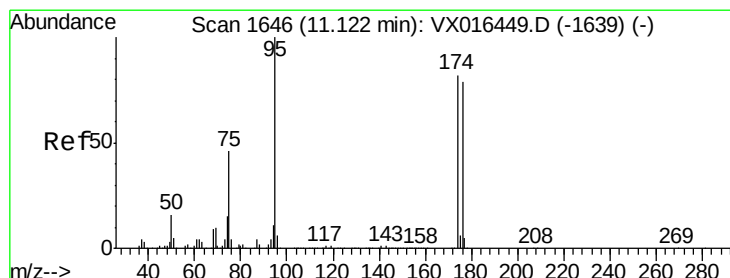
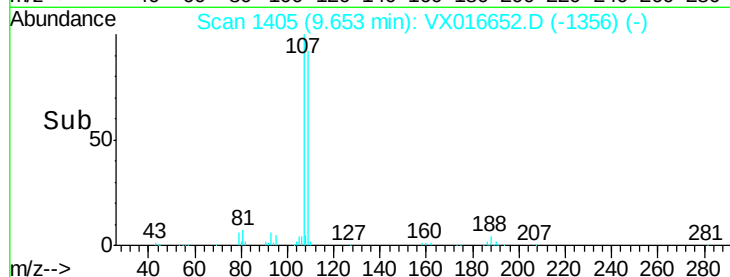
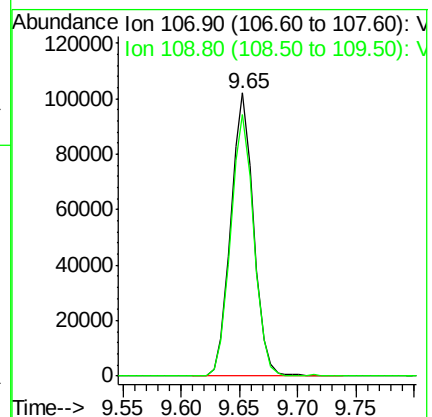
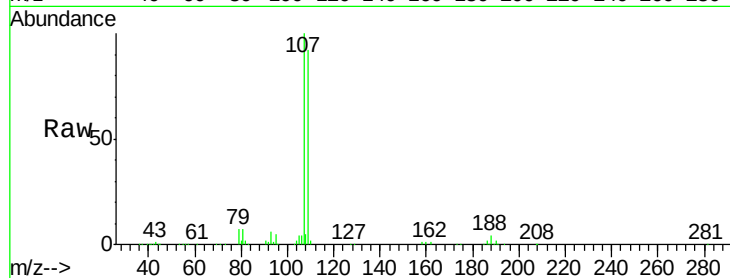
VSTDCCC050

Tot Ion: 107 Resp: 138521

Ion Ratio Lower Upper

107 100

109 93.9 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 52.042 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

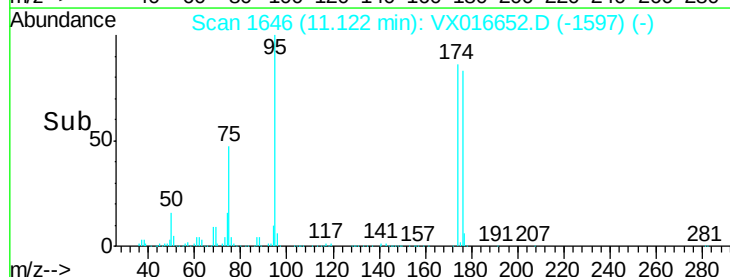
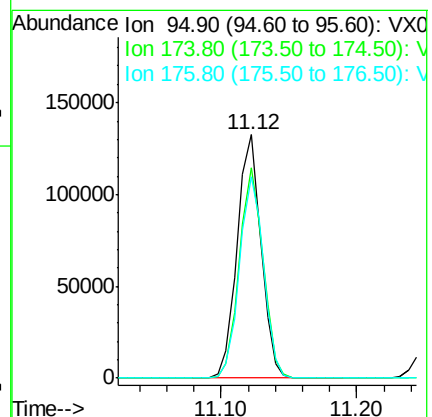
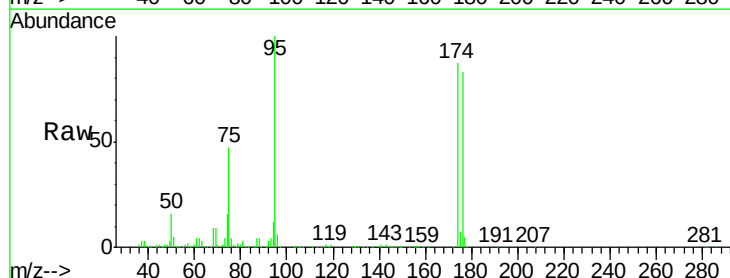
Tgt Ion: 95 Resp: 161952

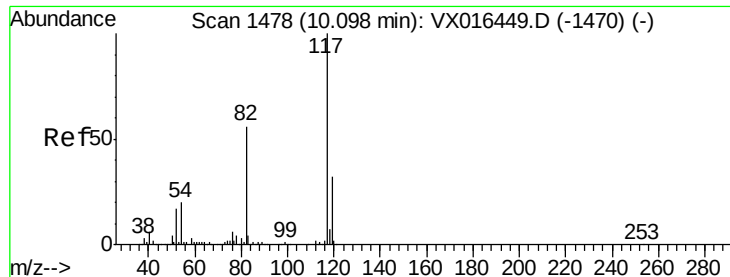
Ion Ratio Lower Upper

95 100

174 86.3 0.0 163.0

176 83.4 0.0 156.8

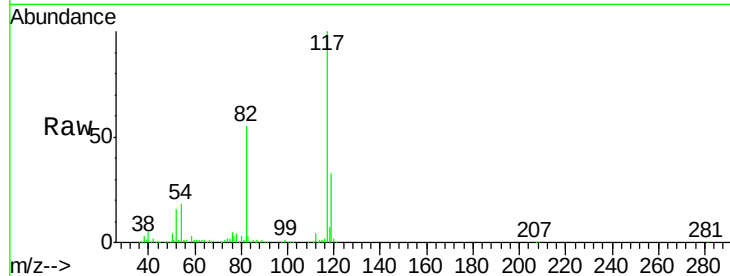




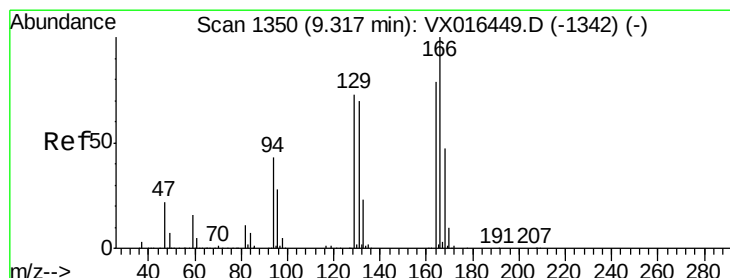
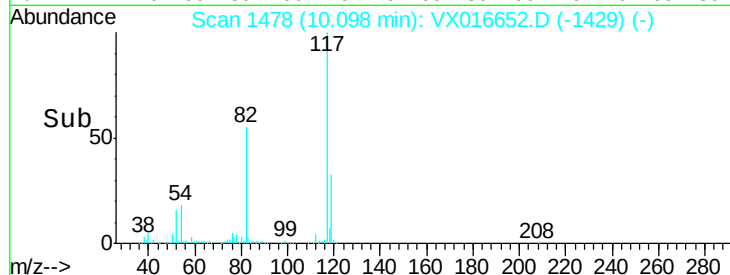
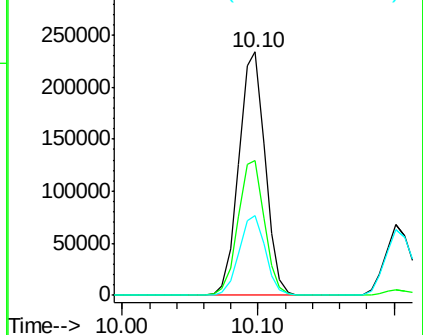
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 315364
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.6
119 32.9 25.8 38.8

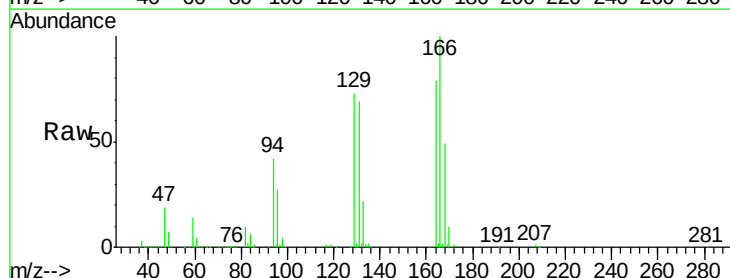


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

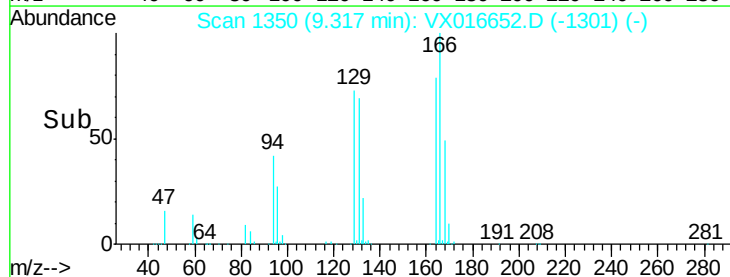
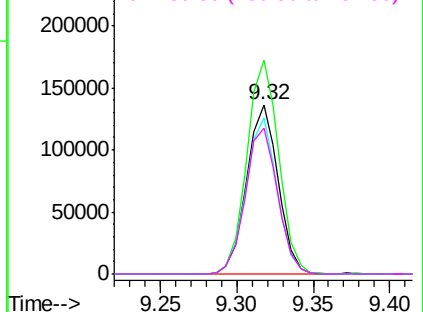


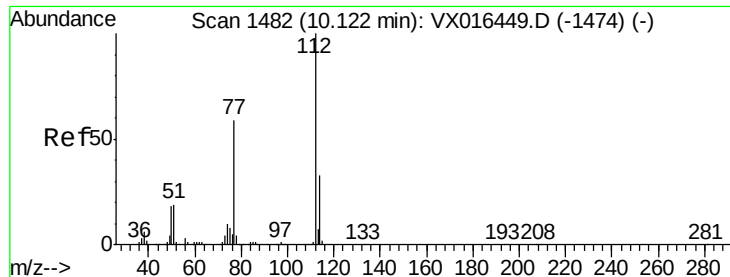
#64
Tetrachloroethene
Concen: 55.454 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion:164 Resp: 195657
Ion Ratio Lower Upper
164 100
166 126.2 100.9 151.3
129 92.0 73.2 109.8
131 86.6 70.8 106.2



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

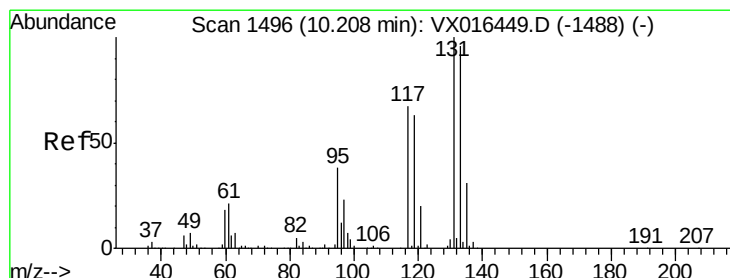
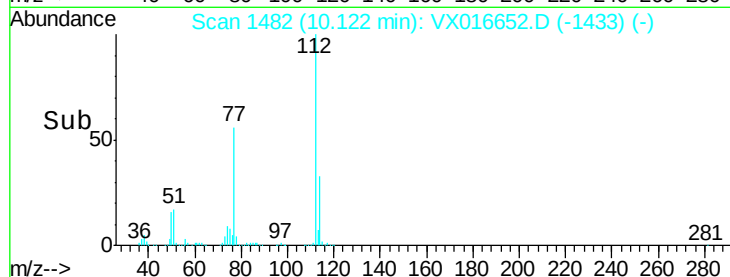
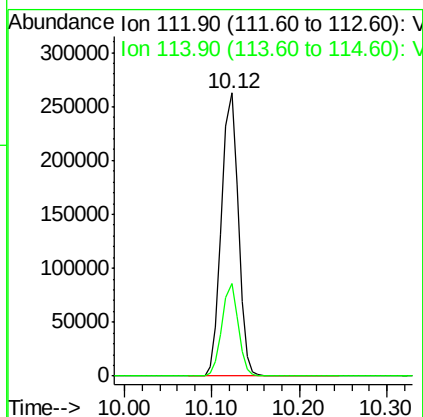
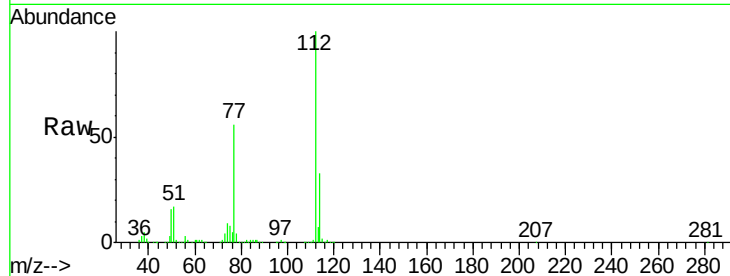




#65
Chlorobenzene
Concen: 54.243 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

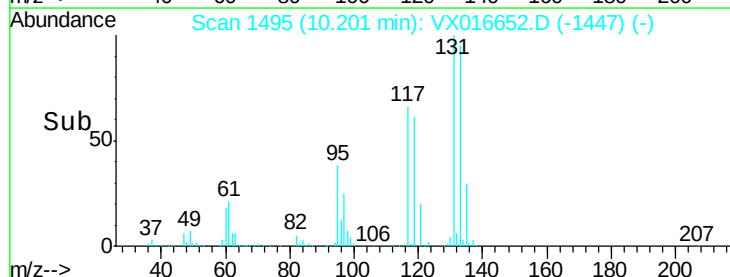
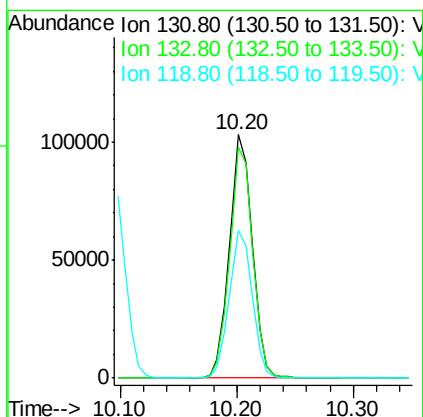
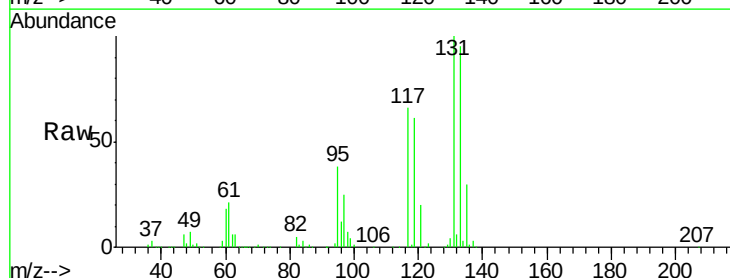
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

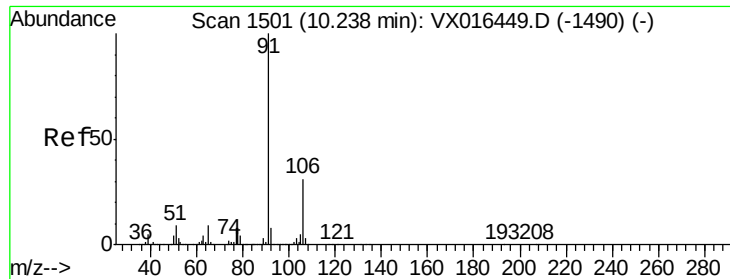
Tot Ion:112 Resp: 348750
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 57.571 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion:131 Resp: 141296
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.3
119 61.5 32.0 96.2

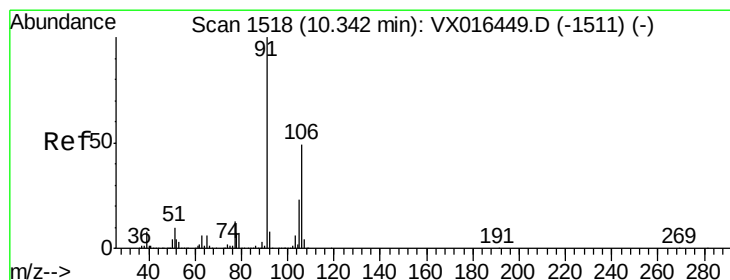
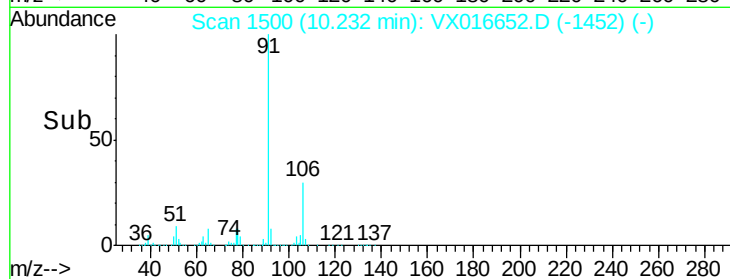
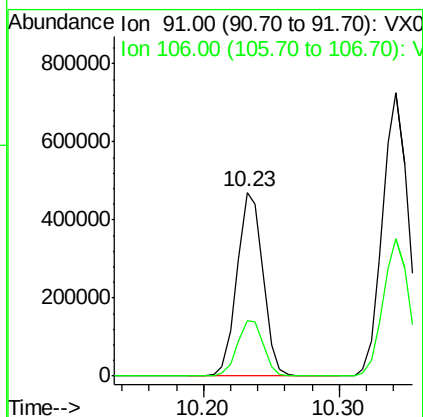
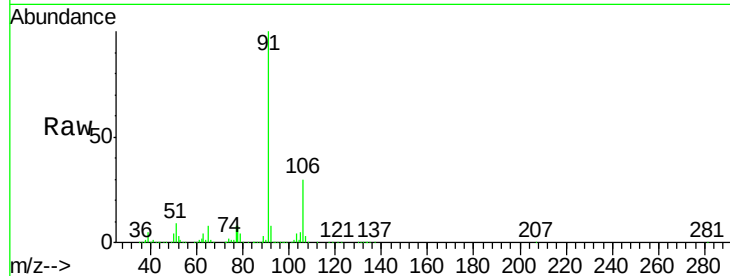




#67
Ethyl Benzene
Concen: 54.546 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

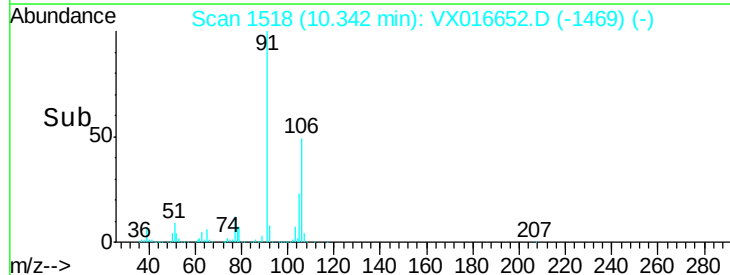
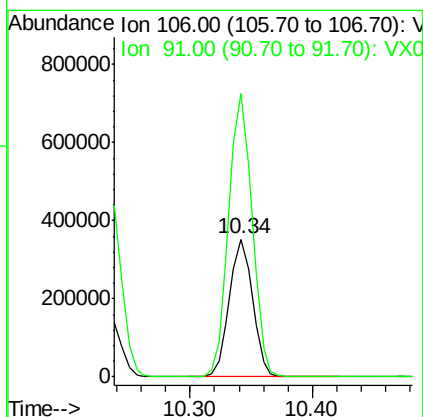
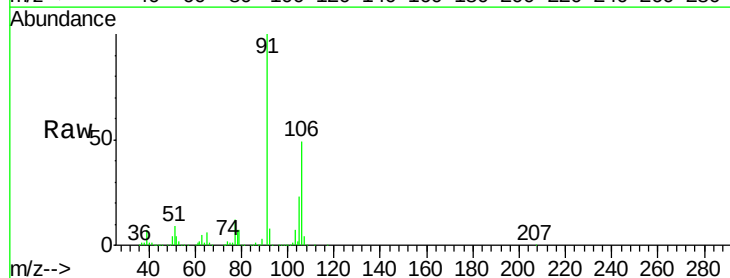
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

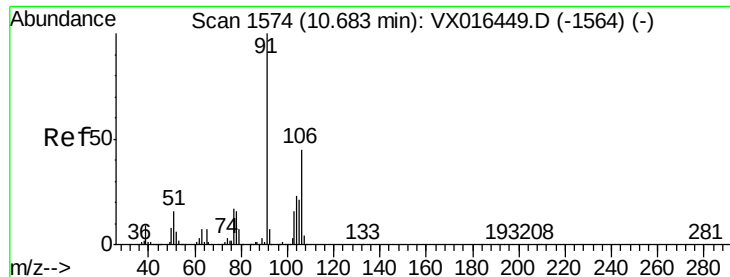
Tot Ion: 91 Resp: 624392
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4



#68
m/p-Xylenes
Concen: 109.386 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 106 Resp: 464261
Ion Ratio Lower Upper
106 100
91 207.3 163.8 245.8

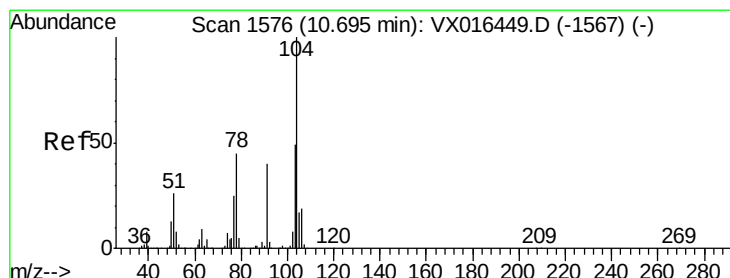
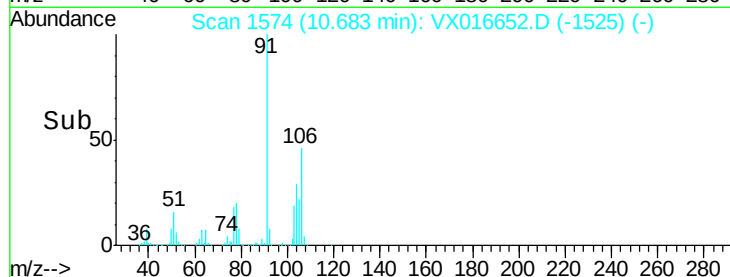
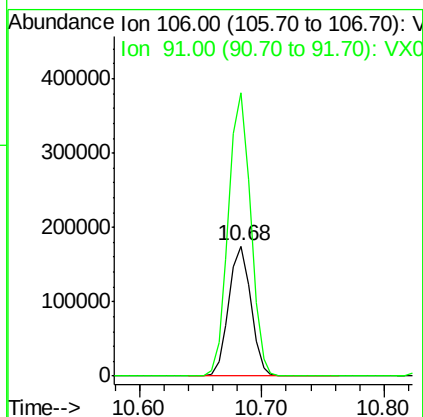
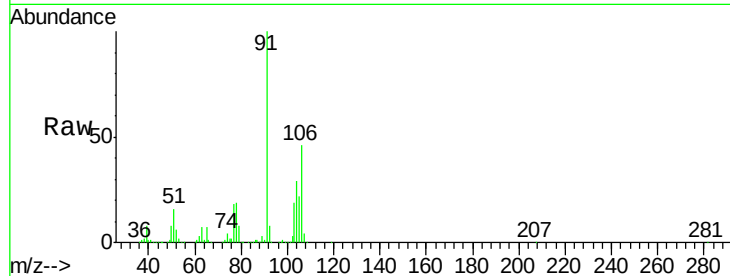




#69
o-Xylene
Concen: 53.254 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

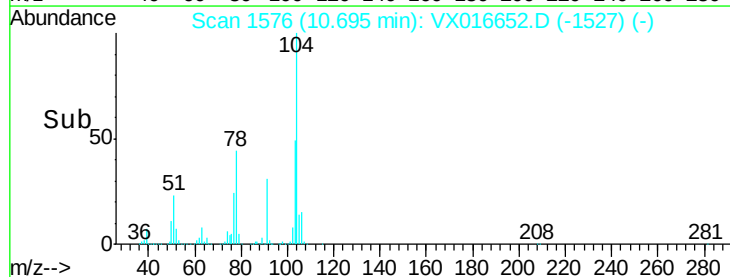
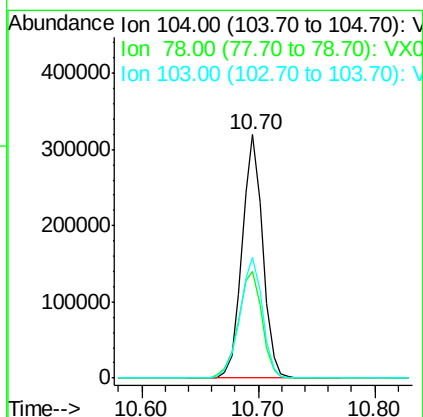
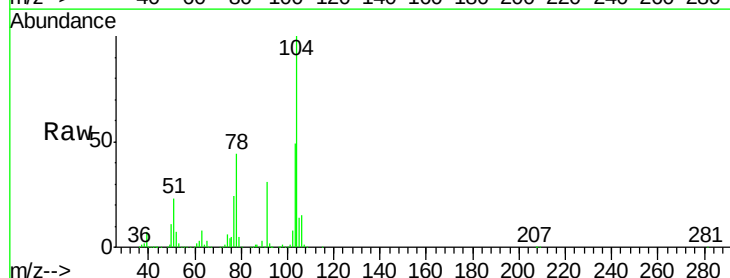
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

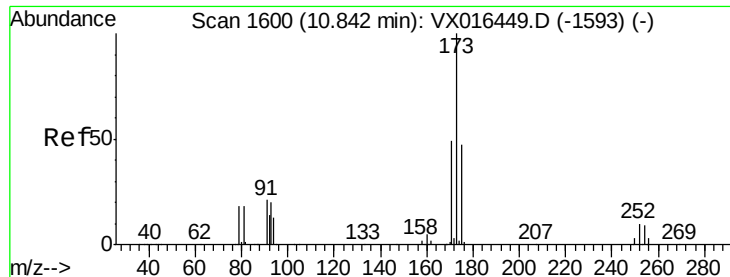
Tot Ion:106 Resp: 218894
Ion Ratio Lower Upper
106 100
91 219.2 109.6 328.8



#70
Styrene
Concen: 55.738 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion:104 Resp: 393797
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.2
103 54.4 43.1 64.7





#71

Bromoform

Concen: 58.517 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

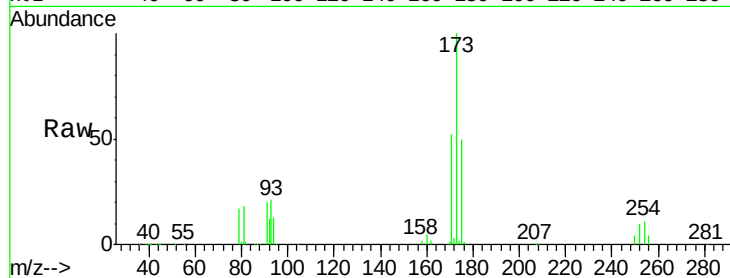
Tot Ion:173 Resp: 121375

Ion Ratio Lower Upper

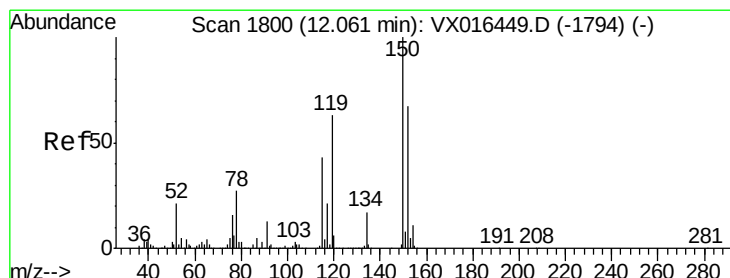
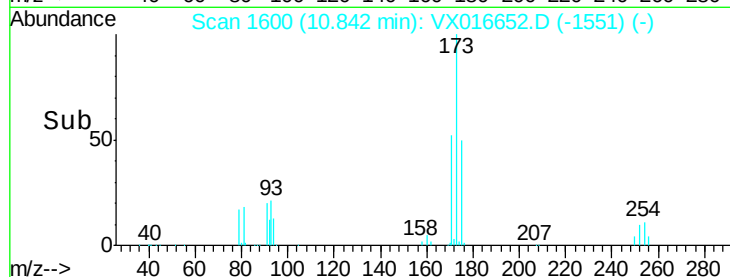
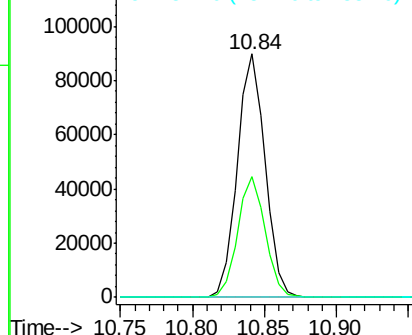
173 100

175 48.7 23.9 71.7

254 0.0 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: VX016652.D

Acq: 09 Jun 2020 09:52

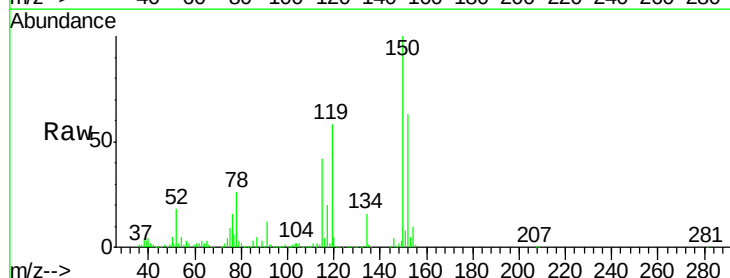
Tgt Ion:152 Resp: 168831

Ion Ratio Lower Upper

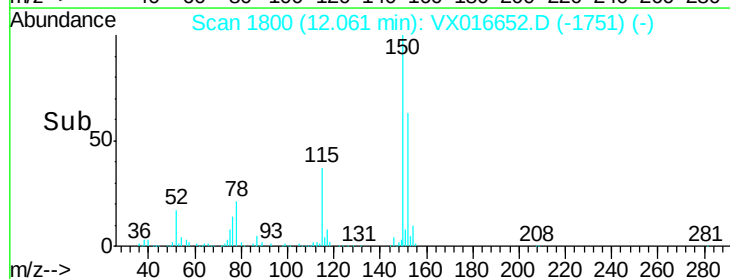
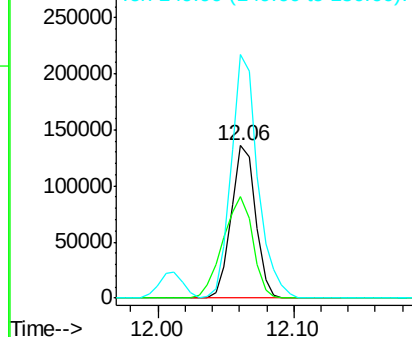
152 100

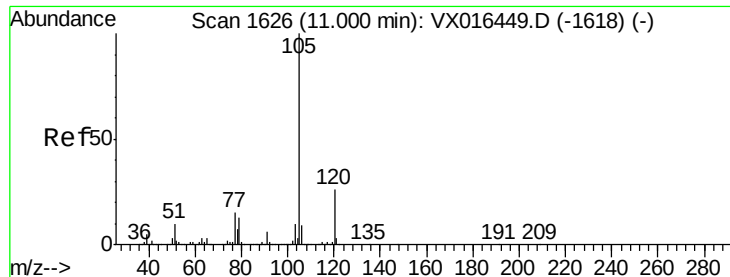
115 81.6 39.9 119.6

150 175.1 0.0 341.0



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





#73

Isopropylbenzene

Concen: 51.144 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

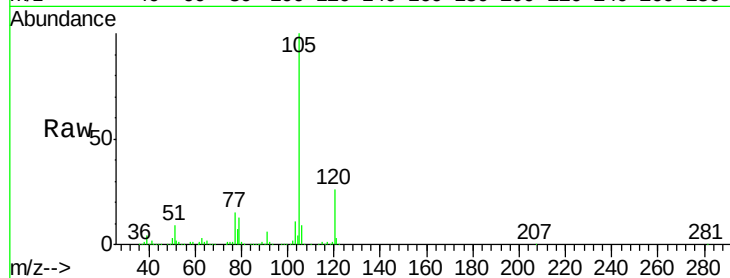
VSTDCCC050

Tot Ion:105 Resp: 598285

Ion Ratio Lower Upper

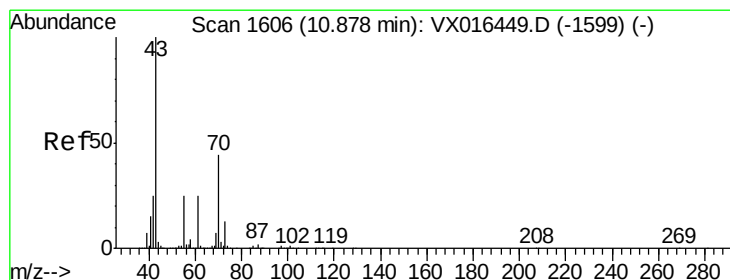
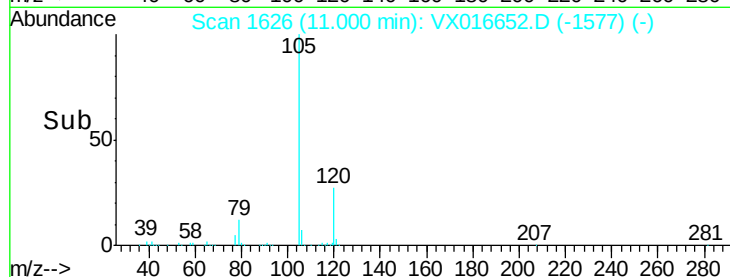
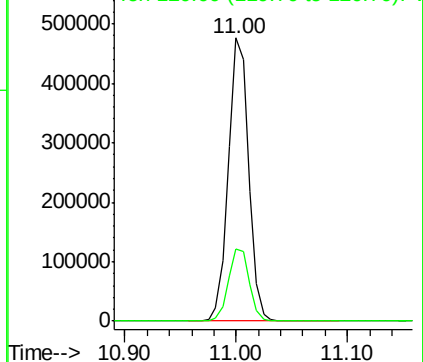
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.668 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Tgt Ion: 43 Resp: 229586

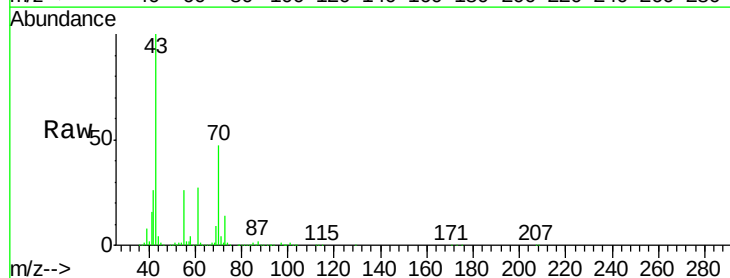
Ion Ratio Lower Upper

43 100

70 48.9 36.1 54.1

55 27.2 20.2 30.4

61 26.8 20.3 30.5

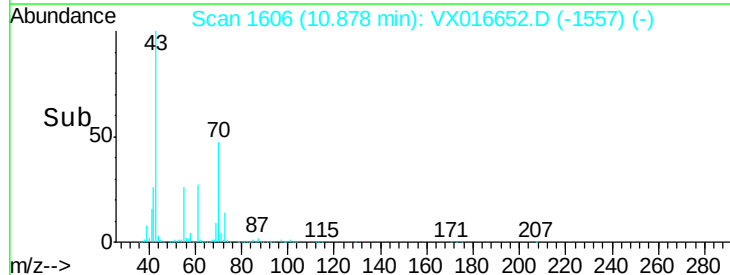
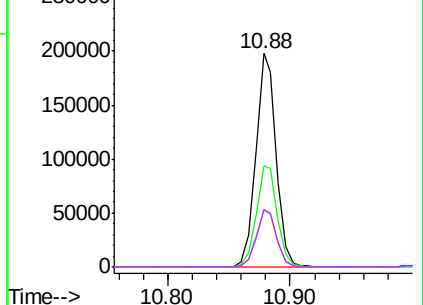


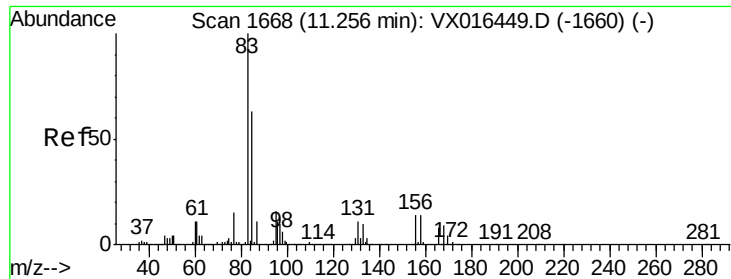
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.375 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

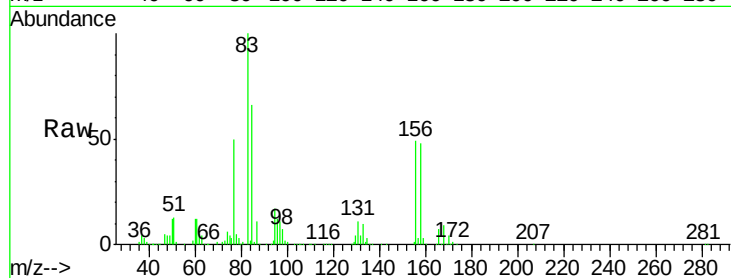
Tot Ion: 83 Resp: 144756

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.3

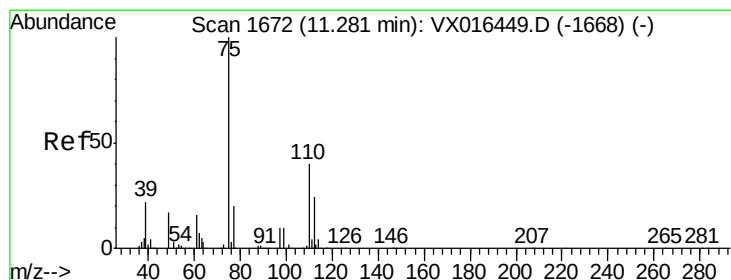
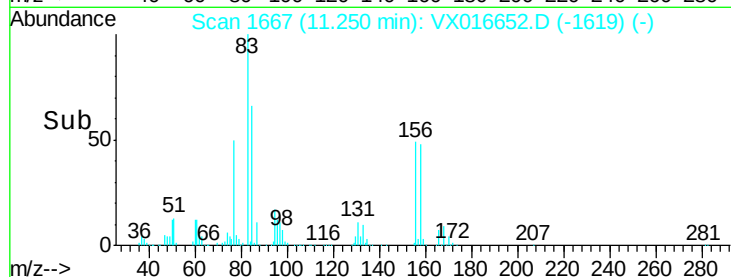
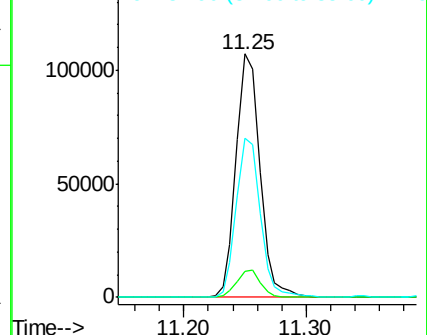
85 65.9 32.0 96.2



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: 65.098 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016652.D

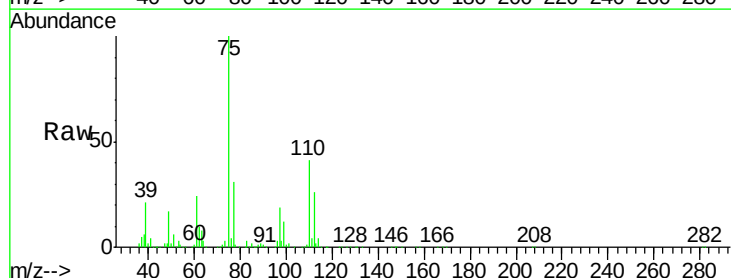
Acq: 09 Jun 2020 09:52

Tgt Ion: 75 Resp: 241578

Ion Ratio Lower Upper

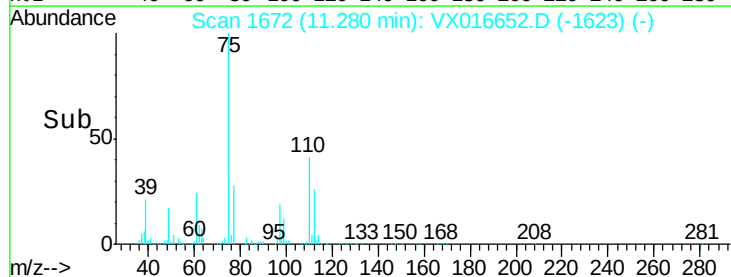
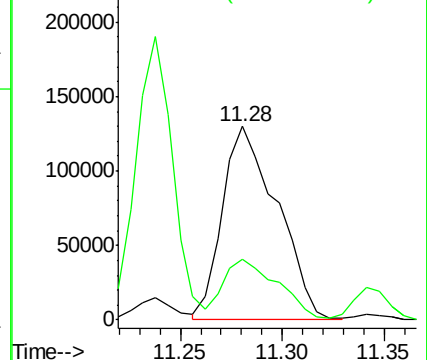
75 100

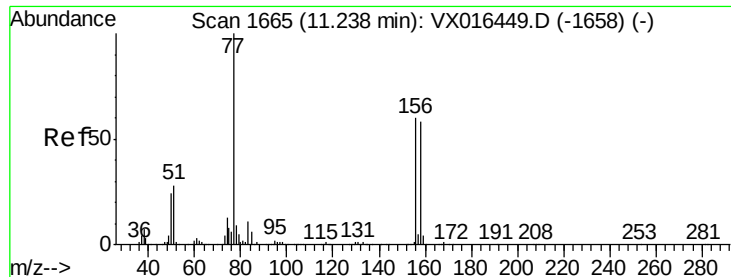
77 31.3 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.118 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

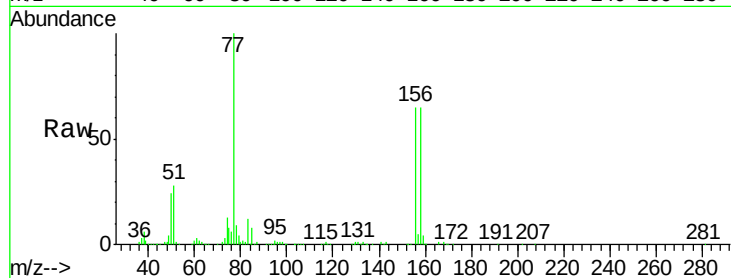
Tot Ion:156 Resp: 159905

Ion Ratio Lower Upper

156 100

77 150.0 79.6 238.8

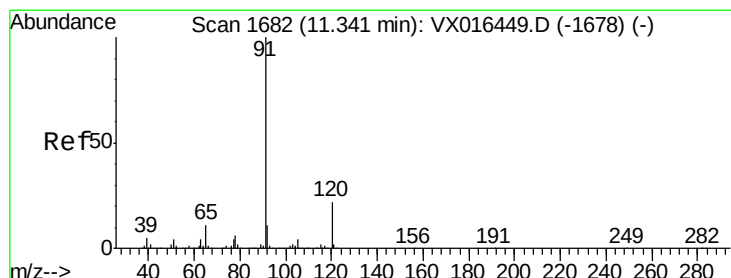
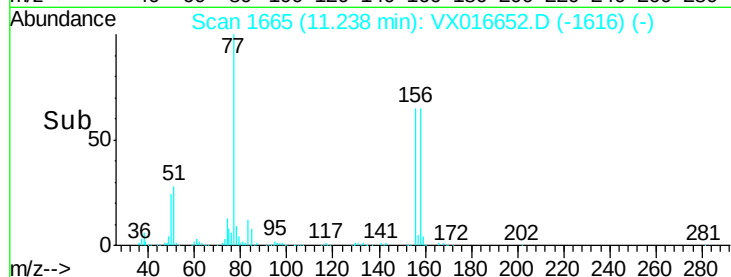
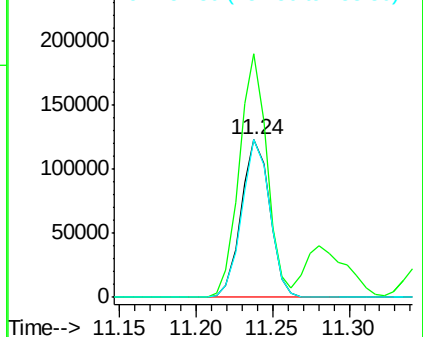
158 97.5 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.449 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016652.D

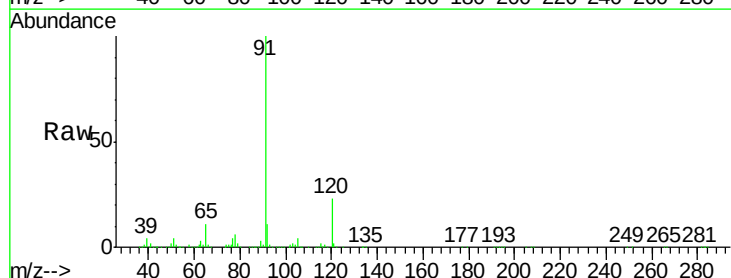
Acq: 09 Jun 2020 09:52

Tgt Ion: 91 Resp: 672396

Ion Ratio Lower Upper

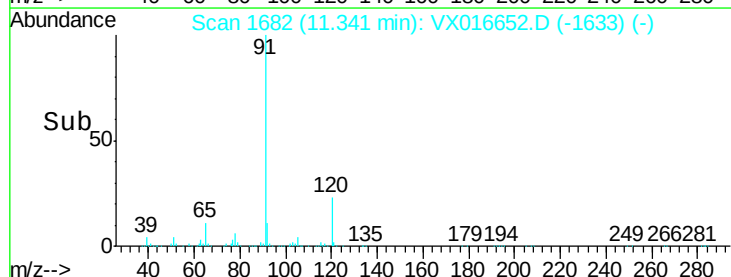
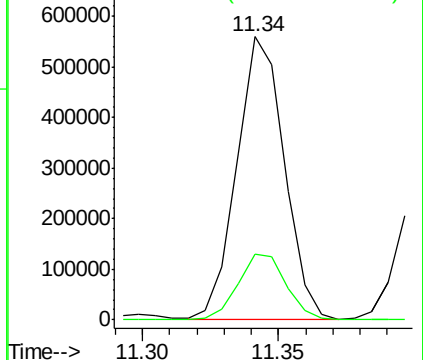
91 100

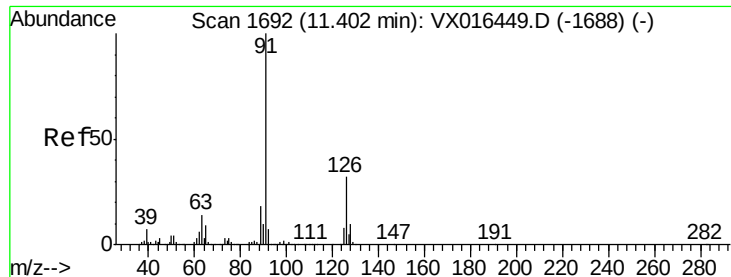
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.506 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

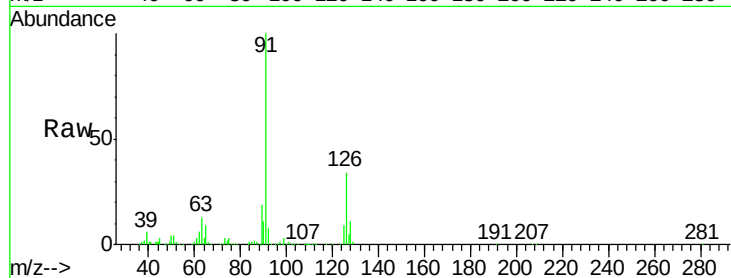
VSTDCCC050

Tot Ion: 91 Resp: 410881

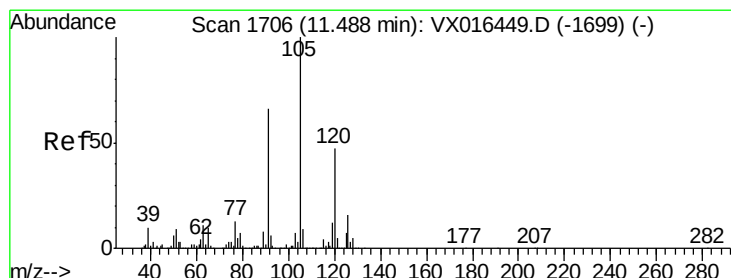
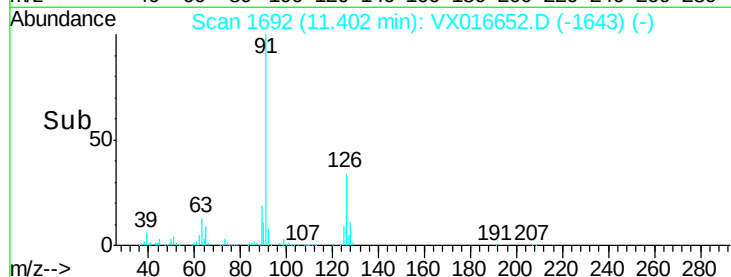
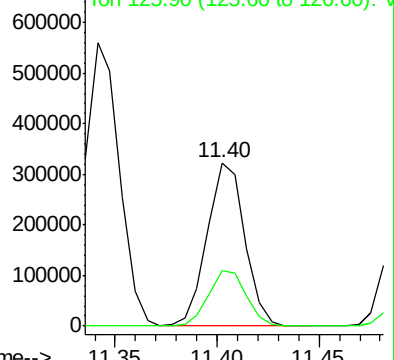
Ion Ratio Lower Upper

91 100

126 34.8 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.289 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016652.D

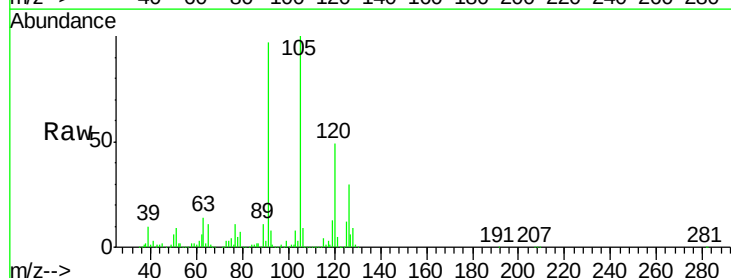
Acq: 09 Jun 2020 09:52

Tgt Ion: 105 Resp: 520502

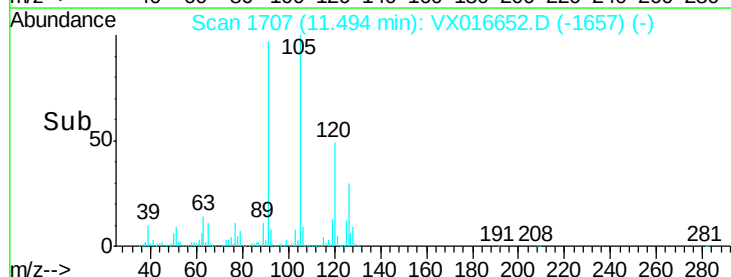
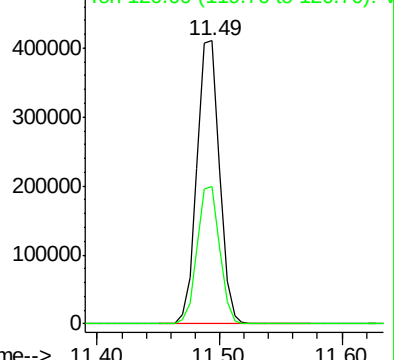
Ion Ratio Lower Upper

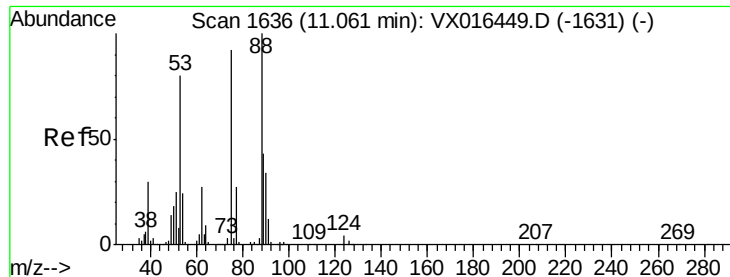
105 100

120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.656 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

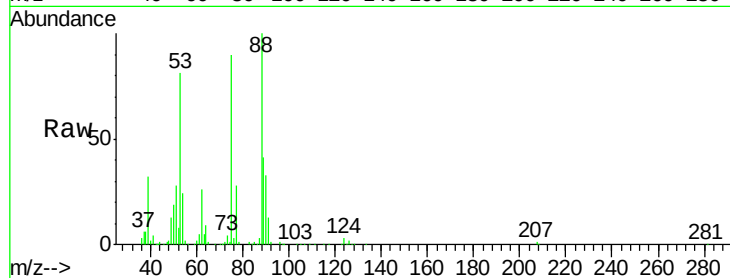
Tot Ion: 75 Resp: 73403

Ion Ratio Lower Upper

75 100

53 88.5 71.3 106.9

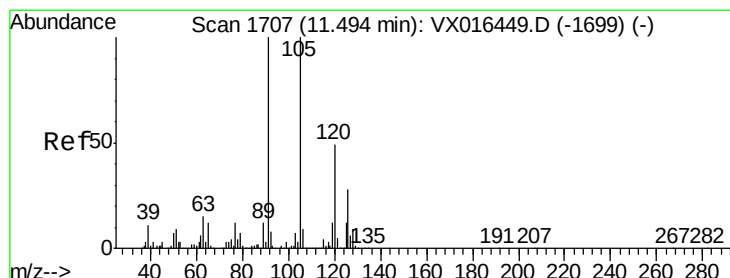
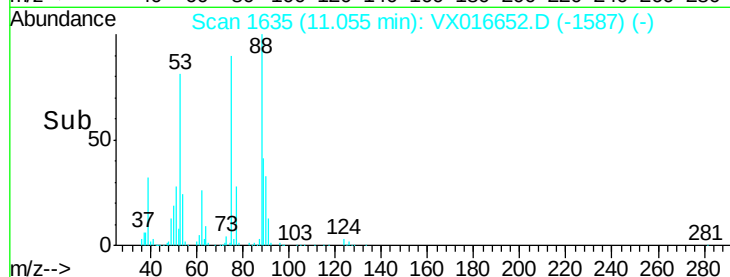
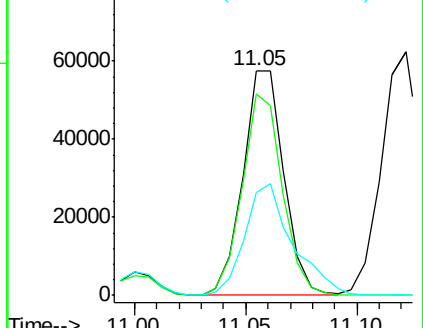
89 58.7 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.618 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016652.D

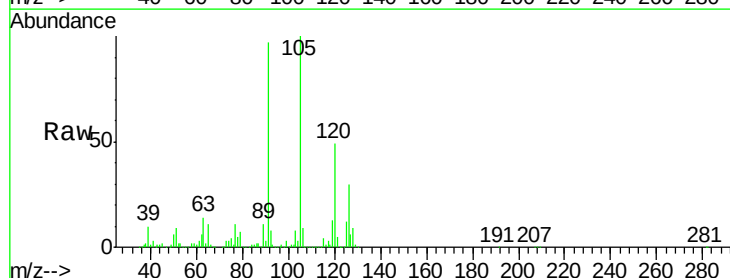
Acq: 09 Jun 2020 09:52

Tgt Ion: 91 Resp: 486266

Ion Ratio Lower Upper

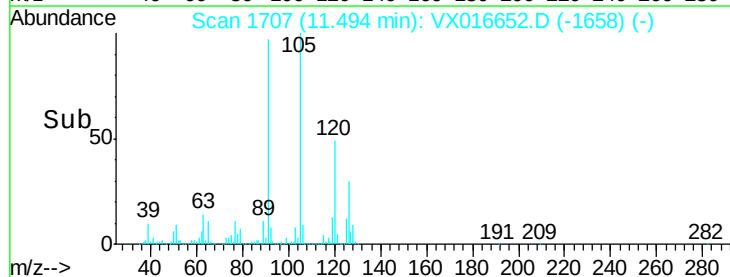
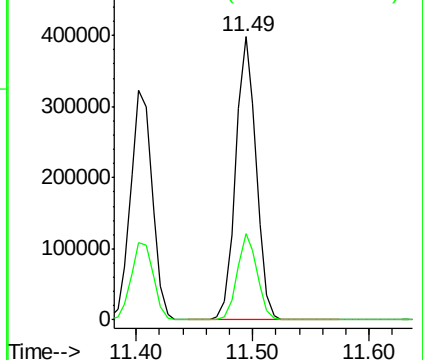
91 100

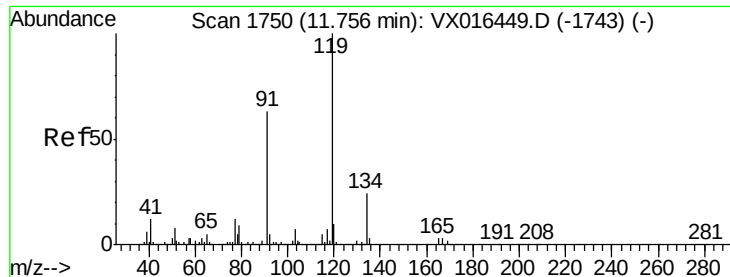
126 29.8 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

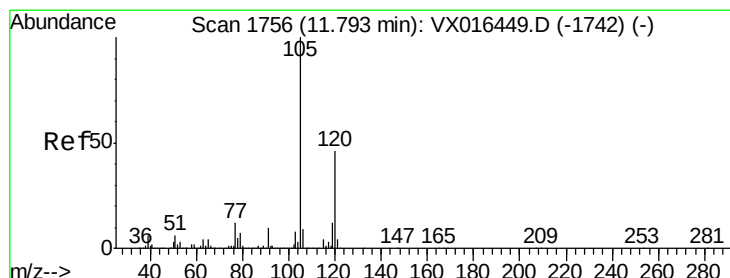
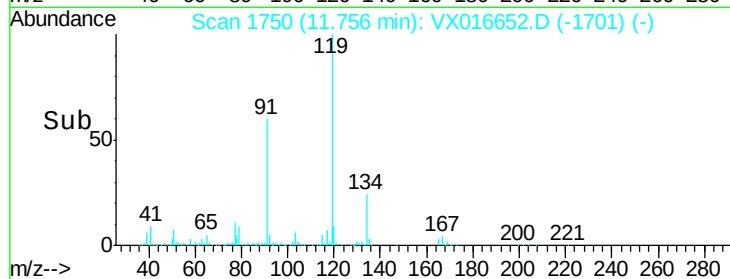
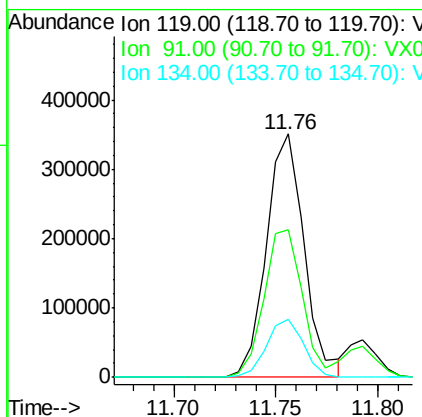
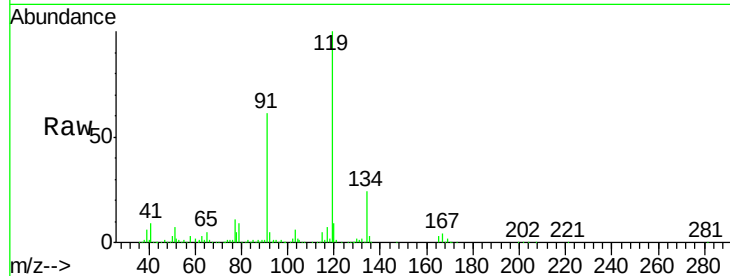




#83
 tert-Butylbenzene
 Concen: 54.360 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

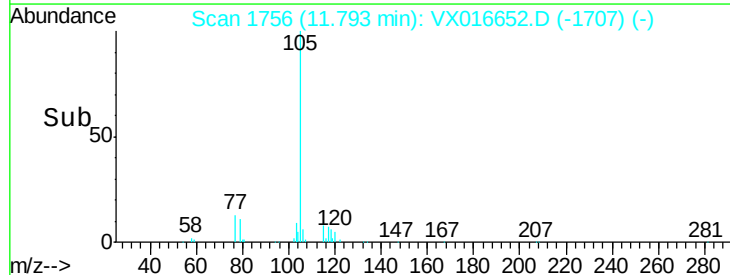
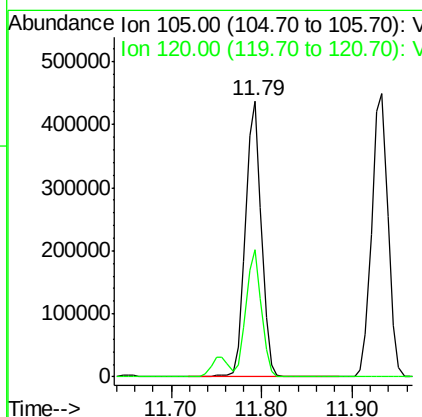
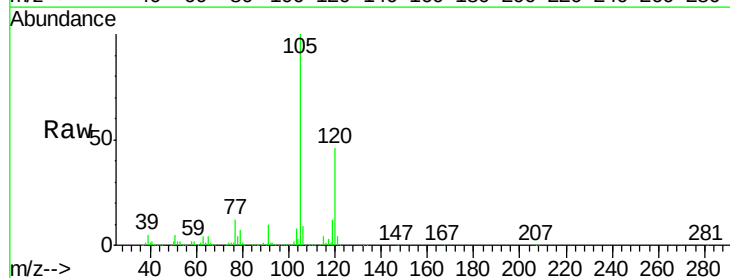
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

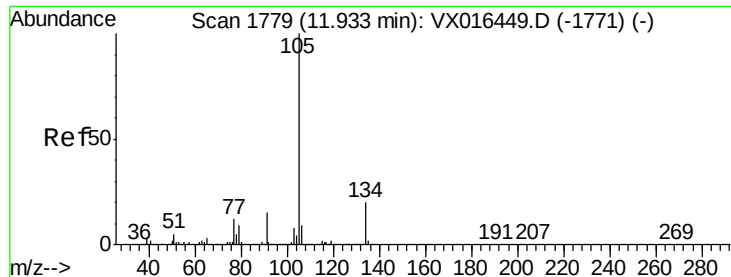
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	31.3	93.8
134	23.6	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.880 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.6	67.7





#85

sec-Butylbenzene

Concen: 53.392 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

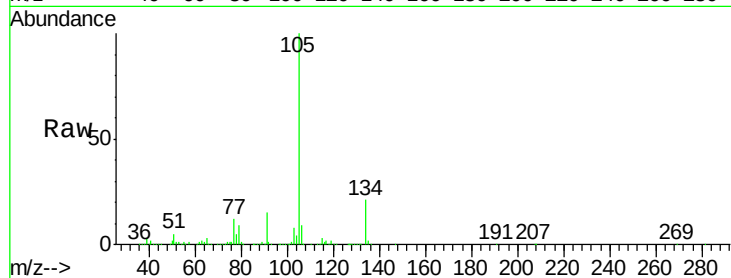
VSTDCCC050

Tot Ion:105 Resp: 559002

Ion Ratio Lower Upper

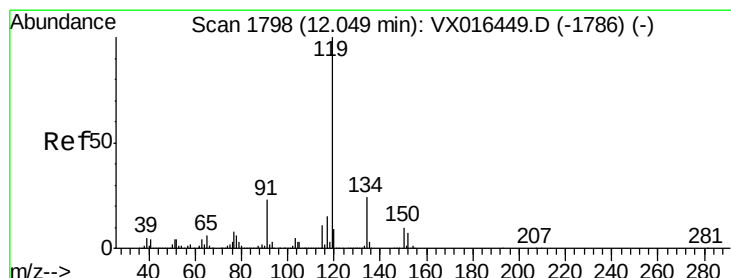
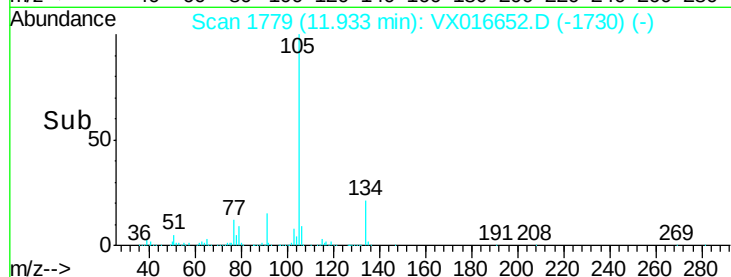
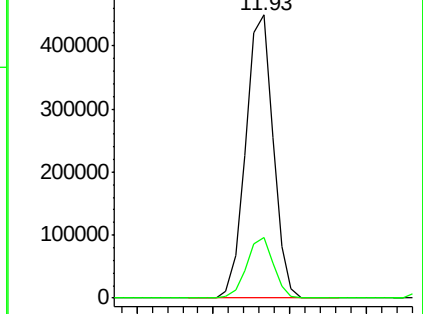
105 100

134 20.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.170 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

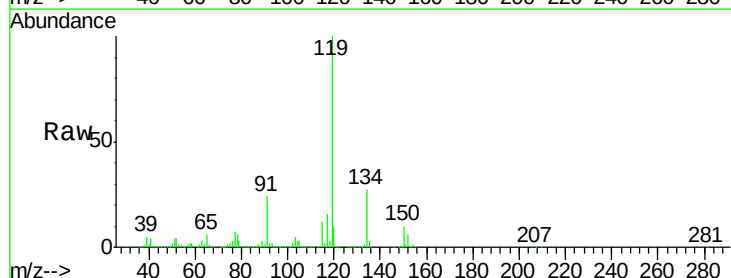
Tgt Ion:119 Resp: 541078

Ion Ratio Lower Upper

119 100

134 26.5 12.7 38.0

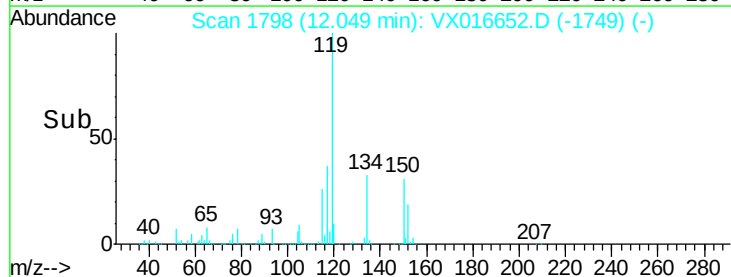
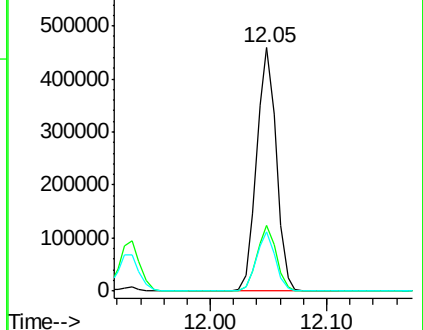
91 23.4 11.7 35.0

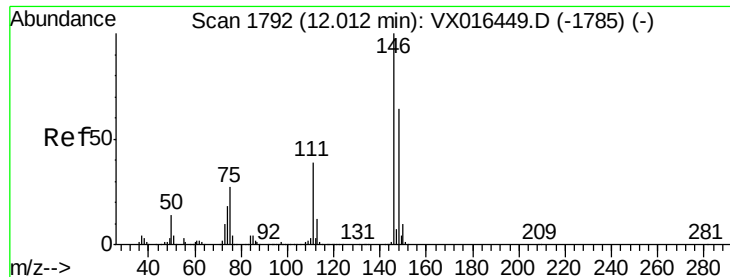


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.571 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

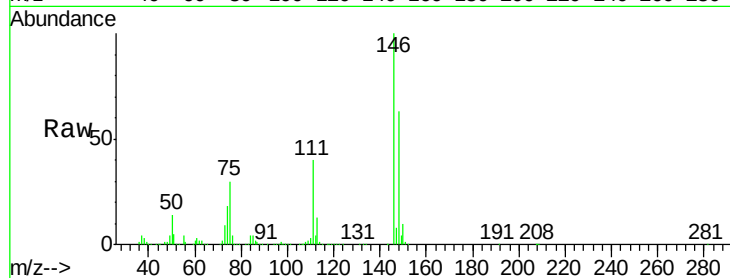
Tot Ion:146 Resp: 284757

Ion Ratio Lower Upper

146 100

111 39.8 20.0 60.0

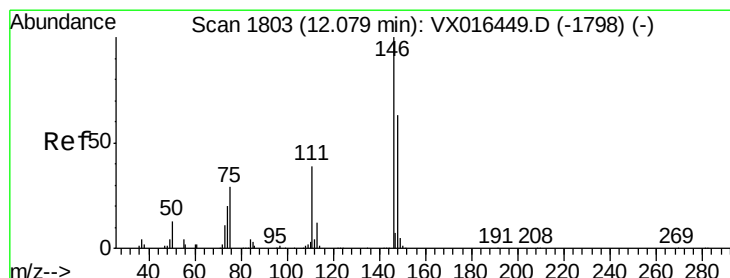
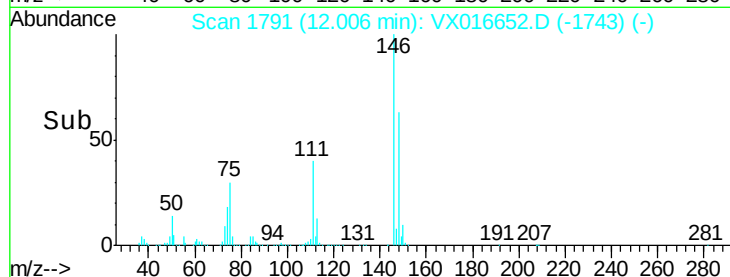
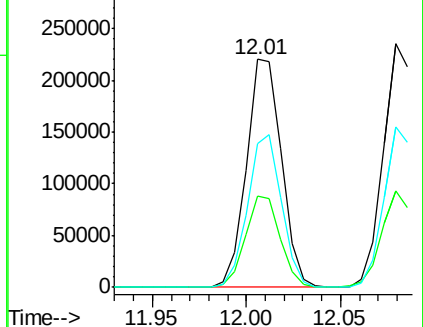
148 64.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.442 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

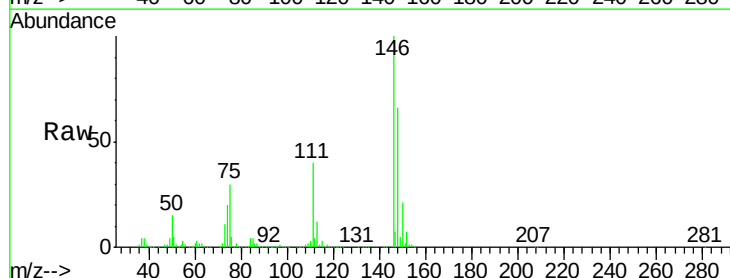
Tgt Ion:146 Resp: 285097

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

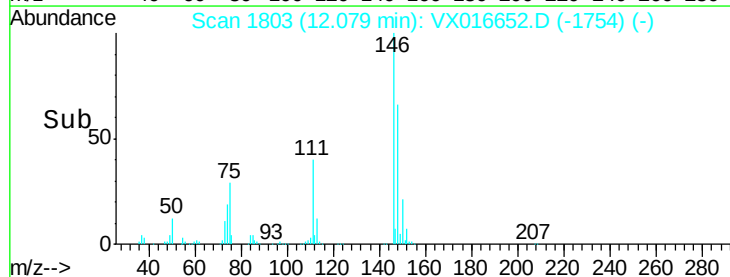
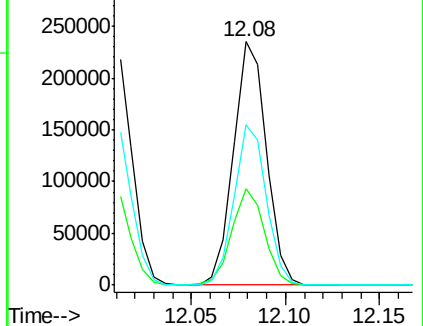
148 64.7 31.4 94.3

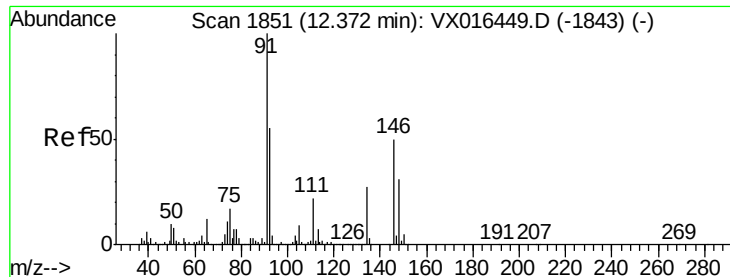


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

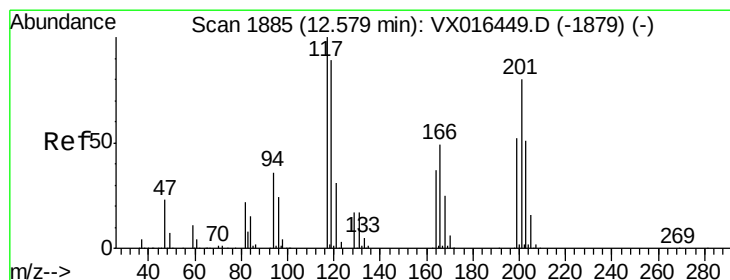
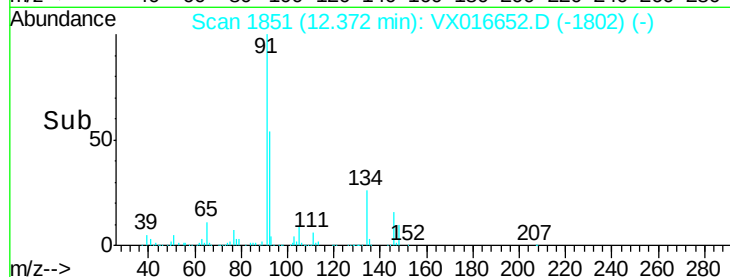
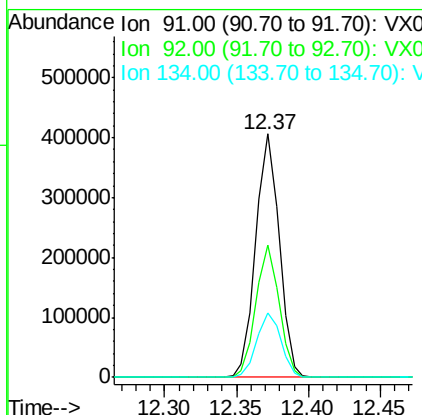
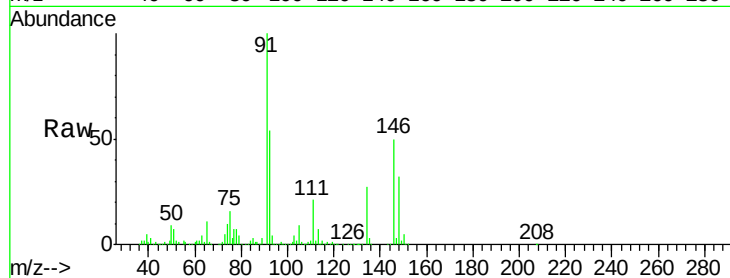




#89
n-Butylbenzene
Concen: 55.798 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

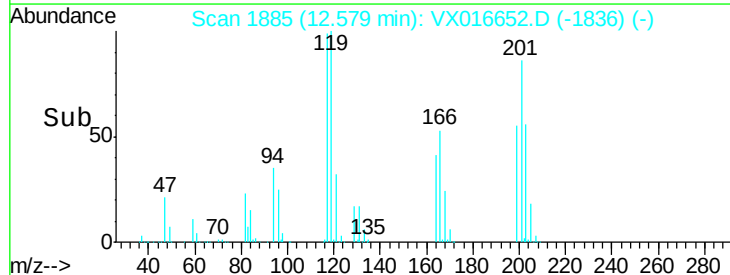
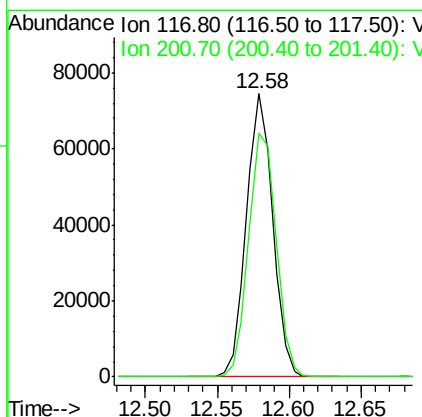
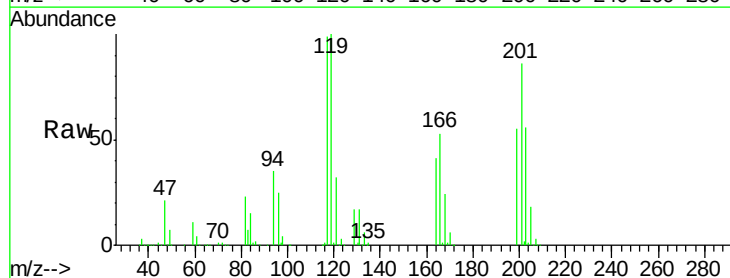
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

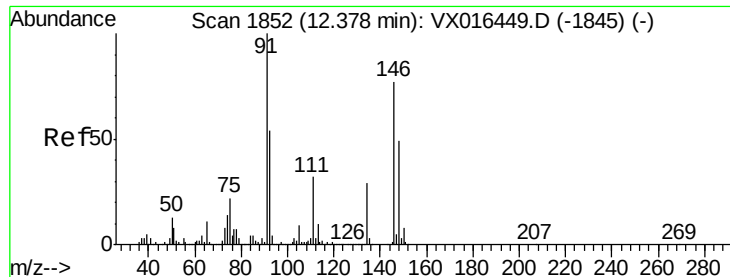
Tot Ion: 91 Resp: 455807
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 27.3 13.1 39.3



#90
Hexachloroethane
Concen: 55.413 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016652.D
Acq: 09 Jun 2020 09:52

Tgt Ion: 117 Resp: 93871
Ion Ratio Lower Upper
117 100
201 90.3 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 53.044 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

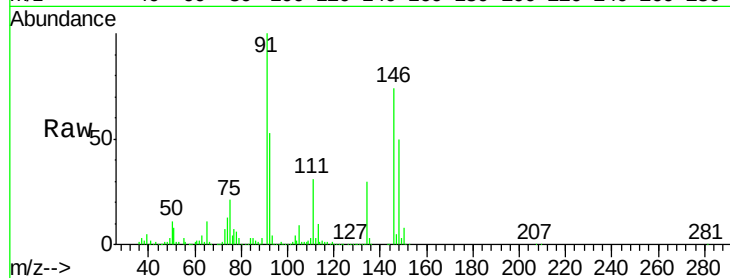
Tot Ion:146 Resp: 273170

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

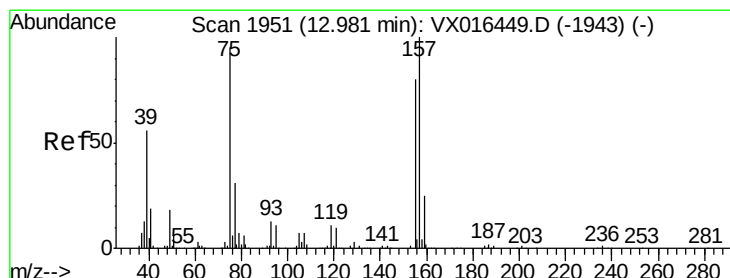
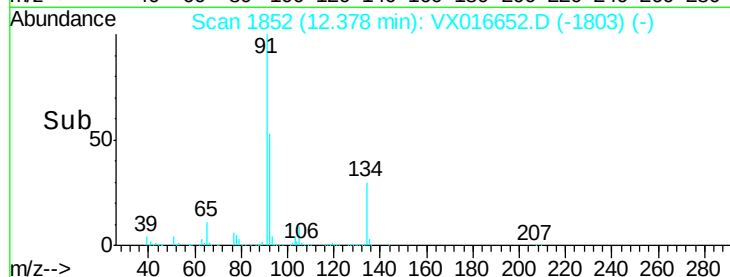
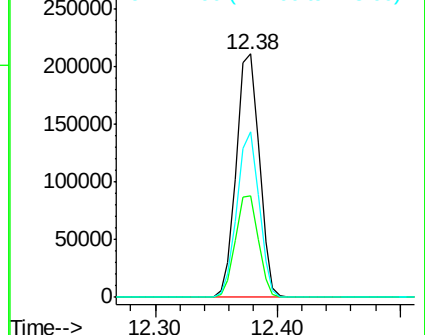
148 65.4 31.9 95.7



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: 48.230 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

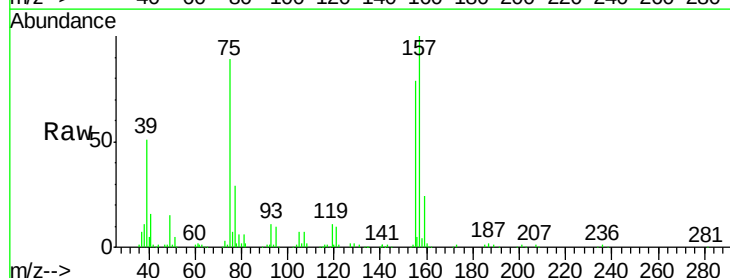
Tgt Ion: 75 Resp: 45800

Ion Ratio Lower Upper

75 100

155 92.8 44.1 132.4

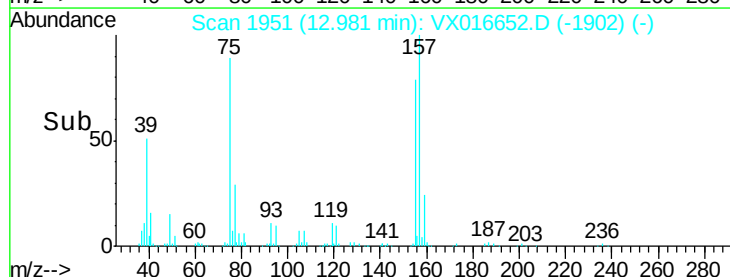
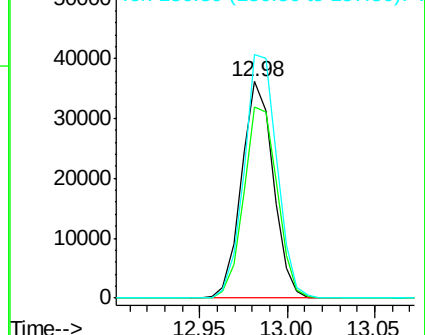
157 116.6 57.8 173.3

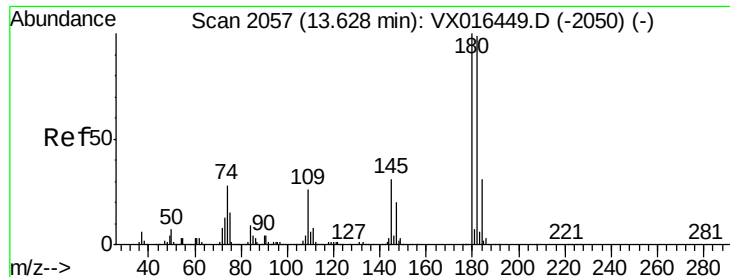


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

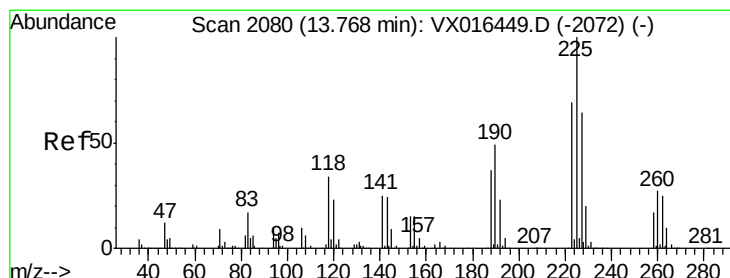
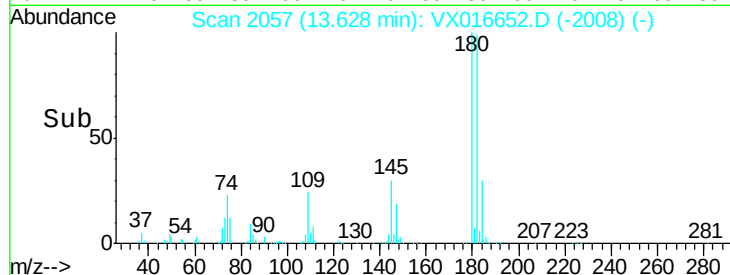
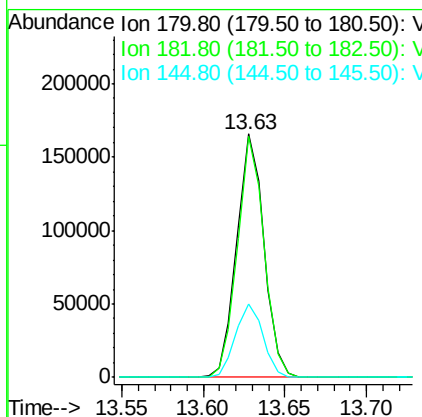
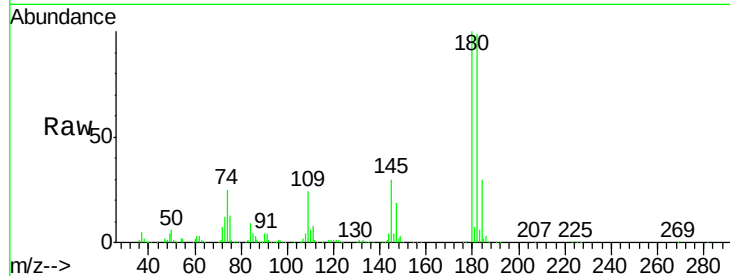




#93
 1,2,4-Trichlorobenzene
 Concen: 56.380 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

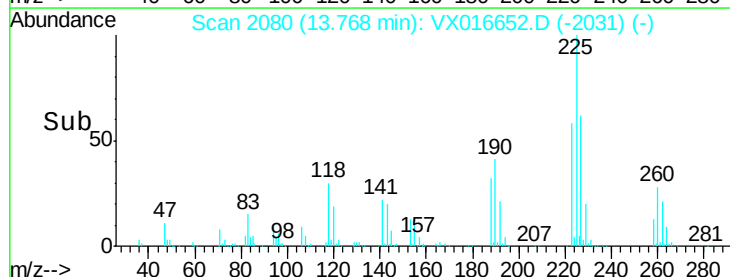
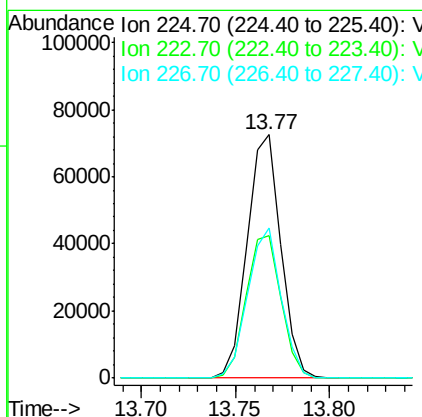
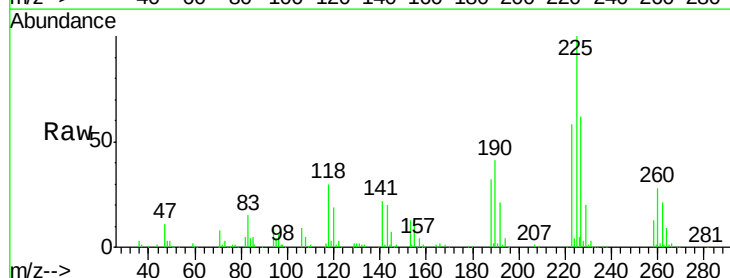
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

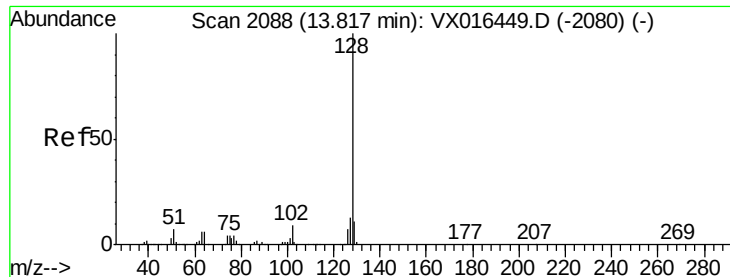
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.8
145	30.6	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 66.993 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016652.D
 Acq: 09 Jun 2020 09:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	32.3	96.8
227	61.0	31.6	94.7





#95

Naphthalene

Concen: 52.665 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

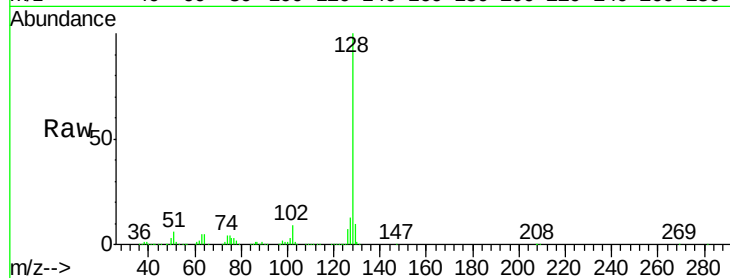
Tot Ion:128 Resp: 617497

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

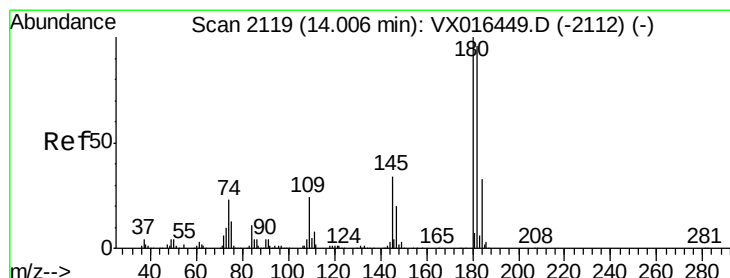
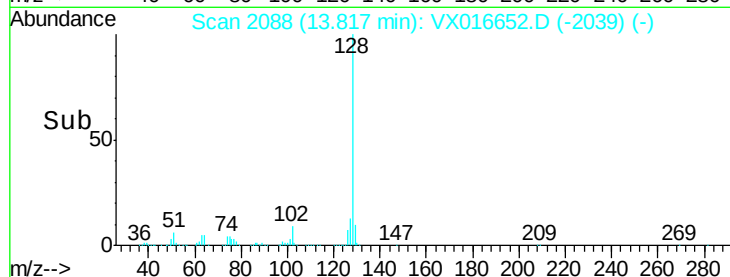
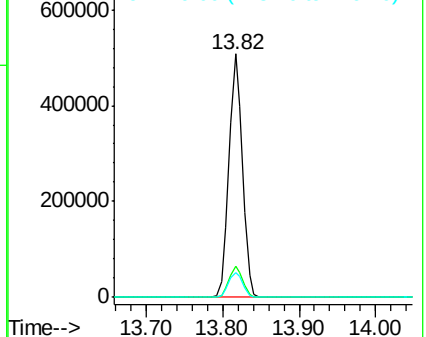
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.491 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016652.D

Acq: 09 Jun 2020 09:52

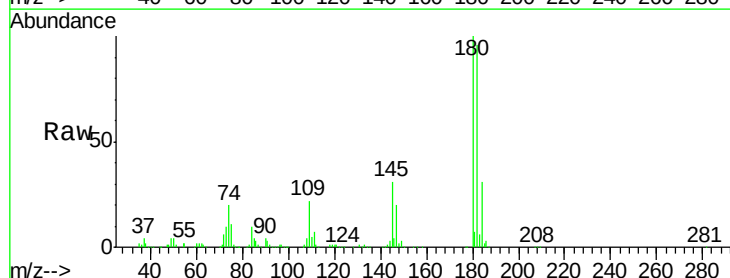
Tgt Ion:180 Resp: 185940

Ion Ratio Lower Upper

180 100

182 96.8 48.6 145.8

145 33.5 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

