

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016598.D
 Acq On : 05 Jun 2020 09:46
 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 06 05:56:28 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	242790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	328581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	141086	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.46	113	114312	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.70	98	433950	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.12	95	165321	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113304	47.42	ug/l	99
3) Chloromethane	1.31	50	119782	41.48	ug/l	98
4) Vinyl Chloride	1.39	62	135569	44.40	ug/l	100
5) Bromomethane	1.62	94	65647	44.22	ug/l	98
6) Chloroethane	1.70	64	83899	47.10	ug/l	98
7) Trichlorofluoromethane	1.91	101	206575	51.51	ug/l	99
8) Diethyl Ether	2.17	74	77339	46.25	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111924	50.71	ug/l	97
10) Methyl Iodide	2.49	142	111688	42.82	ug/l	100
11) Tert butyl alcohol	3.01	59	161252	208.56	ug/l	100
12) 1,1-Dichloroethene	2.35	96	111428	47.70	ug/l	97
13) Acrolein	2.27	56	101245	307.83	ug/l	98
14) Allyl chloride	2.70	41	183835	42.79	ug/l	97
15) Acrylonitrile	3.11	53	346250	218.62	ug/l	99
16) Acetone	2.42	43	300254	227.29	ug/l	99
17) Carbon Disulfide	2.54	76	300614	43.33	ug/l	99
18) Methyl Acetate	2.75	43	152775	45.09	ug/l	96
19) Methyl tert-butyl Ether	3.16	73	403263	48.07	ug/l	97
20) Methylene Chloride	2.83	84	128069	46.86	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	122885	47.56	ug/l	95
22) Diisopropyl ether	3.82	45	364100	44.12	ug/l	96
23) Vinyl Acetate	3.78	43	1597122	221.08	ug/l	98
24) 1,1-Dichloroethane	3.67	63	217191	46.62	ug/l	99
25) 2-Butanone	4.63	43	462458	206.60	ug/l	94
26) 2,2-Dichloropropane	4.54	77	206565	54.19	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	138188	46.23	ug/l	99
28) Bromochloromethane	4.97	49	93552	43.22	ug/l	# 12
29) Tetrahydrofuran	5.08	42	298838	206.65	ug/l	94
30) Chloroform	5.17	83	225809	48.11	ug/l	99
31) Cyclohexane	5.54	56	179647	42.87	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	210312	49.49	ug/l	98
36) 1,1-Dichloropropene	5.76	75	165859	49.12	ug/l	98
37) Ethyl Acetate	4.79	43	174758	43.11	ug/l	97
38) Carbon Tetrachloride	5.75	117	189825	53.50	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	184198	50.23	ug/l	96
40) Benzene	6.11	78	496291	49.36	ug/l	100
41) Methacrylonitrile	5.00	41	96088	43.15	ug/l	96
42) 1,2-Dichloroethane	6.16	62	180102	50.37	ug/l	99
43) Isopropyl Acetate	6.41	43	283478	44.83	ug/l	98
44) Trichloroethene	7.18	130	159091	49.87	ug/l	96
45) 1,2-Dichloropropane	7.49	63	124586	48.67	ug/l	98
46) Dibromomethane	7.63	93	85520	49.74	ug/l	97
47) Bromodichloromethane	7.87	83	186056	52.26	ug/l	98
48) Methyl methacrylate	7.74	41	138499	45.75	ug/l	97
49) 1,4-Dioxane	7.71	88	66887	944.05	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	900768	228.79	ug/l	98
52) Toluene	8.76	92	322001	50.78	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	209206	51.68	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	218838	51.07	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	131474	52.15	ug/l	95
56) Ethyl methacrylate	9.16	69	198129	48.26	ug/l	99
57) 1,3-Dichloropropane	9.35	76	217824	50.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	530394	247.49	ug/l	96
59) 2-Hexanone	9.47	43	707248	231.00	ug/l	97
60) Dibromochloromethane	9.56	129	152414	53.72	ug/l	100
61) 1,2-Dibromoethane	9.65	107	138463	51.29	ug/l	99
64) Tetrachloroethene	9.32	164	188035	51.15	ug/l	99
65) Chlorobenzene	10.12	112	347033	51.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	136970	53.56	ug/l	99
67) Ethyl Benzene	10.23	91	615288	51.59	ug/l	100
68) m/p-Xylenes	10.34	106	465168	105.19	ug/l	98
69) o-Xylene	10.68	106	223289	52.14	ug/l	97
70) Styrene	10.70	104	395978	53.79	ug/l	100
71) Bromoform	10.84	173	119941	55.50	ug/l	99
73) Isopropylbenzene	11.00	105	604147	51.61	ug/l	100
74) N-amyl acetate	10.88	43	242091	44.96	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	148023	50.45	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	242376	65.26	ug/l	83
77) Bromobenzene	11.24	156	156439	50.95	ug/l	96
78) n-propylbenzene	11.34	91	671140	51.31	ug/l	99
79) 2-Chlorotoluene	11.40	91	410259	51.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	514103	52.59	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	74410	49.29	ug/l	96
82) 4-Chlorotoluene	11.49	91	482609	51.19	ug/l	99
83) tert-Butylbenzene	11.76	119	441423	52.85	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	520677	52.67	ug/l	100
85) sec-Butylbenzene	11.93	105	552259	52.71	ug/l	100
86) p-Isopropyltoluene	12.05	119	530666	54.07	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	278292	52.31	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	277652	51.03	ug/l	99
89) n-Butylbenzene	12.37	91	439859	53.80	ug/l	99
90) Hexachloroethane	12.58	117	90923	53.63	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	264598	51.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44556	46.88	ug/l	98

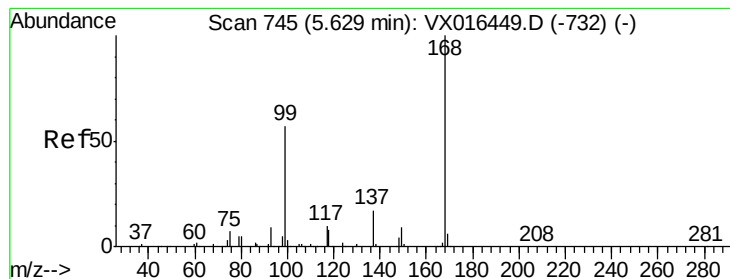
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	181127	52.92	ug/l	99
94) Hexachlorobutadiene	13.77	225	83226	61.93	ug/l	98
95) Naphthalene	13.82	128	609764	51.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	181974	54.27	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

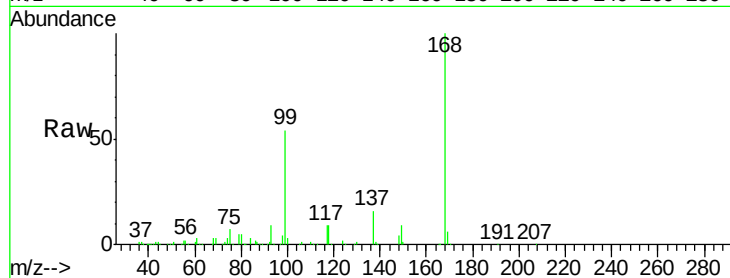
VSTDCCC050

Tgt Ion:168 Resp: 242790

Ion Ratio Lower Upper

168 100

99 54.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

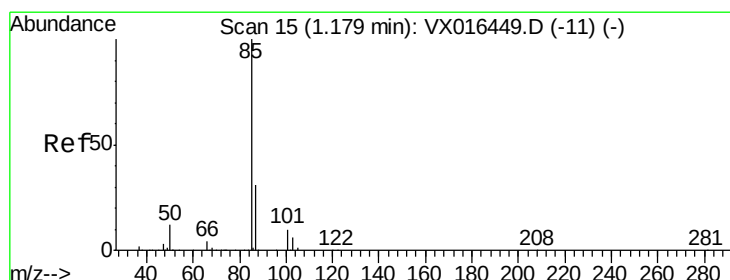
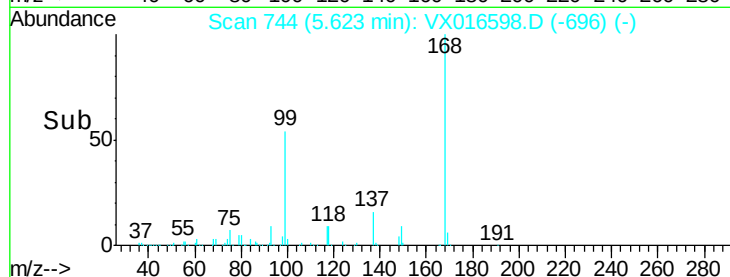
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.42 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016598.D

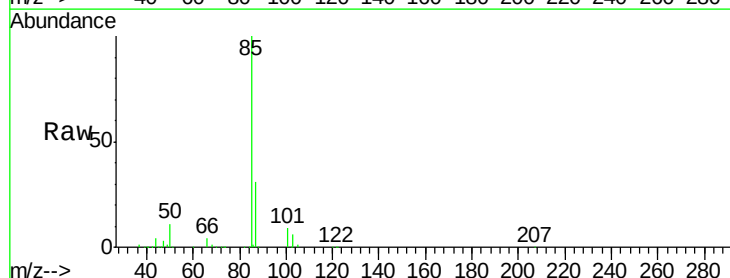
Acq: 05 Jun 2020 09:46

Tgt Ion: 85 Resp: 113304

Ion Ratio Lower Upper

85 100

87 31.4 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

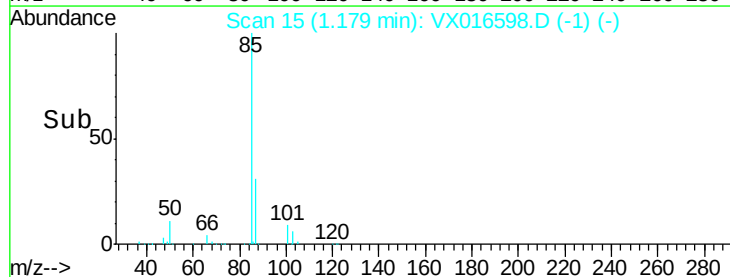
100000

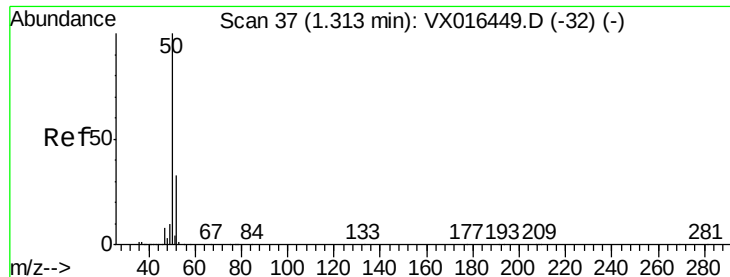
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.48 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

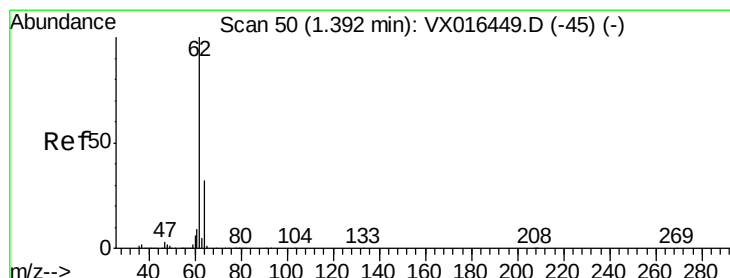
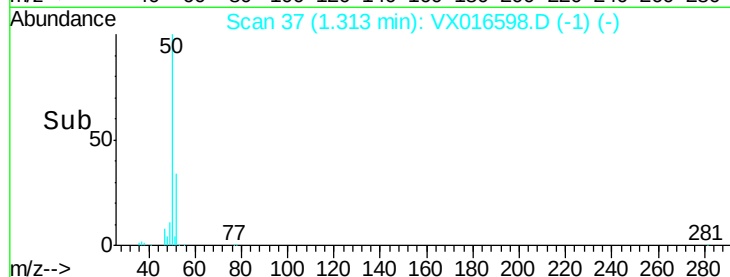
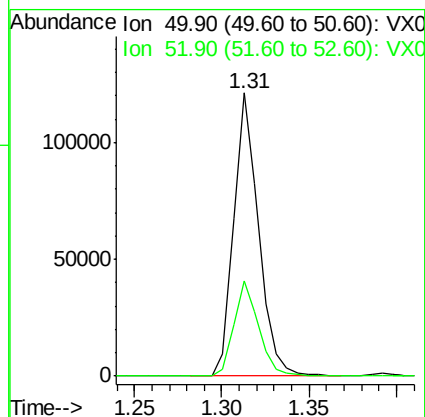
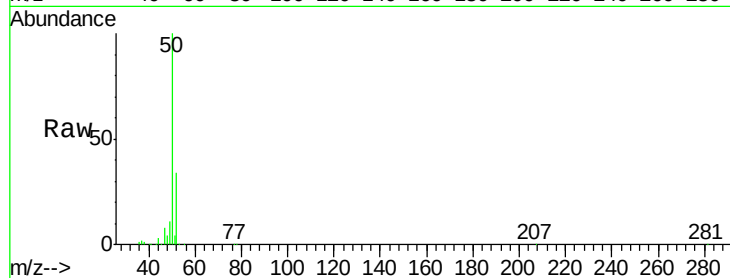
VSTDCCC050

Tgt Ion: 50 Resp: 119782

Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.2



#4

Vinyl Chloride

Concen: 44.40 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016598.D

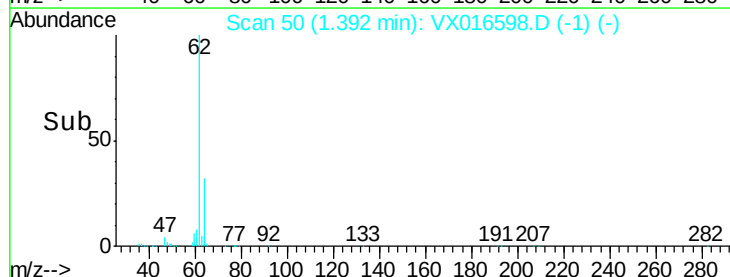
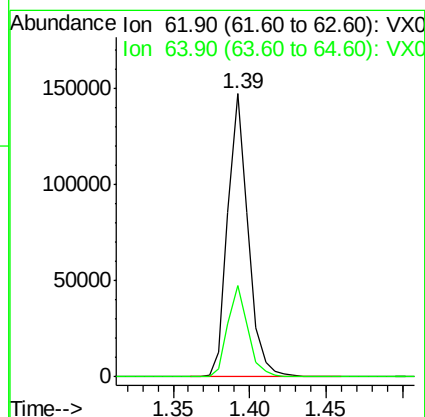
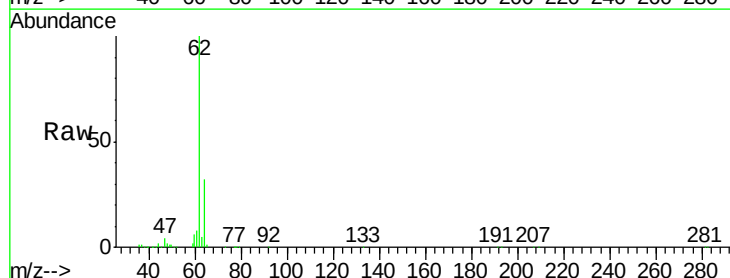
Acq: 05 Jun 2020 09:46

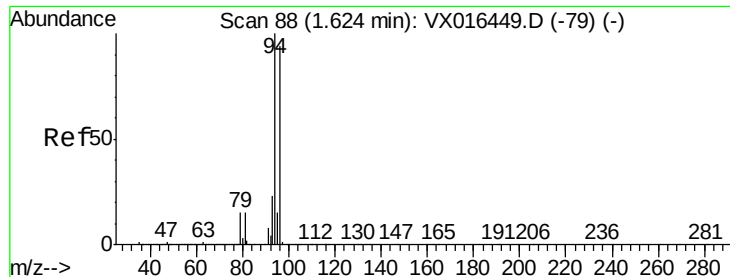
Tgt Ion: 62 Resp: 135569

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 44.22 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

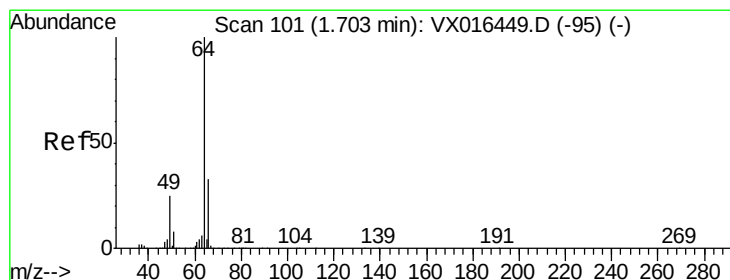
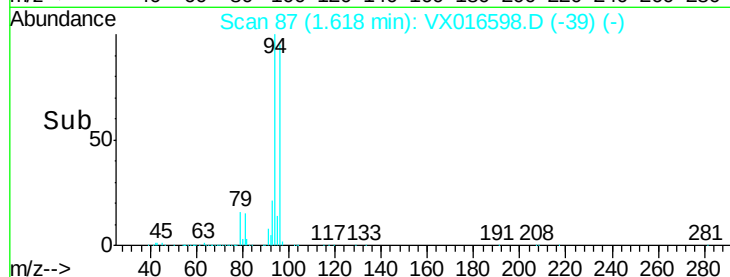
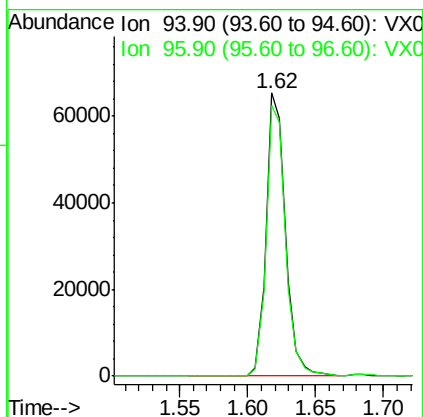
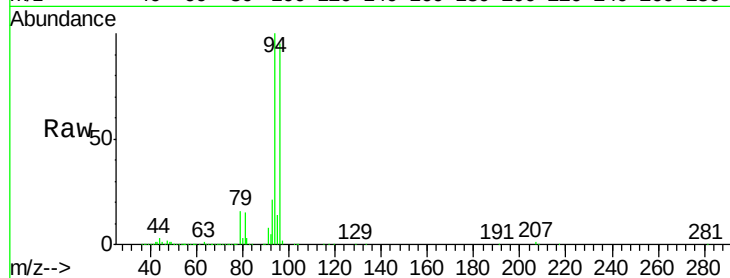
VSTDCCC050

Tgt Ion: 94 Resp: 65647

Ion Ratio Lower Upper

94 100

96 95.4 75.1 112.7



#6

Chloroethane

Concen: 47.10 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016598.D

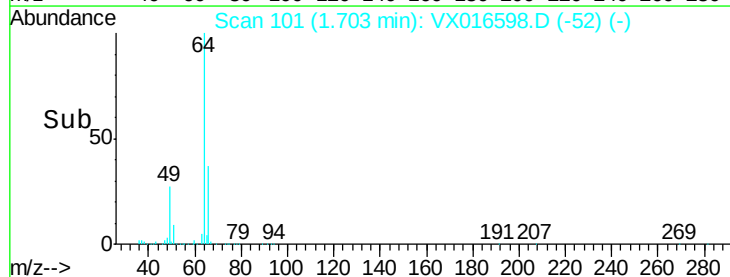
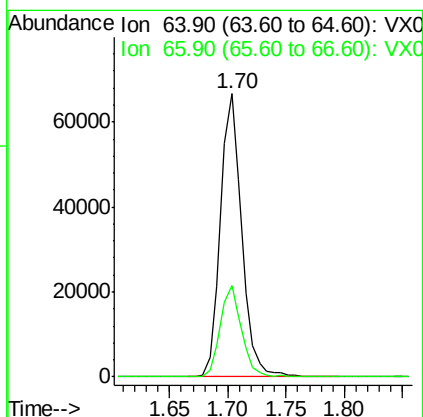
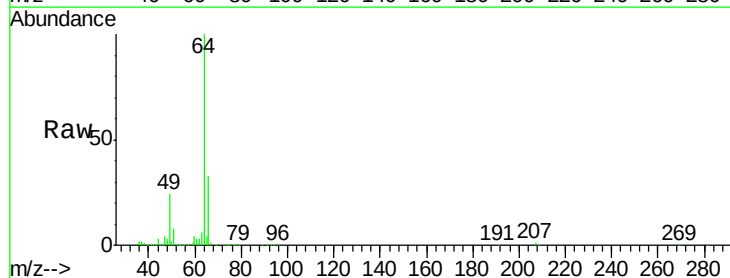
Acq: 05 Jun 2020 09:46

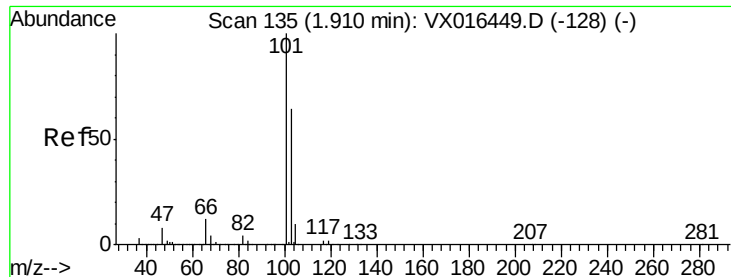
Tgt Ion: 64 Resp: 83899

Ion Ratio Lower Upper

64 100

66 32.5 26.7 40.1





#7

Trichlorofluoromethane

Concen: 51.51 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

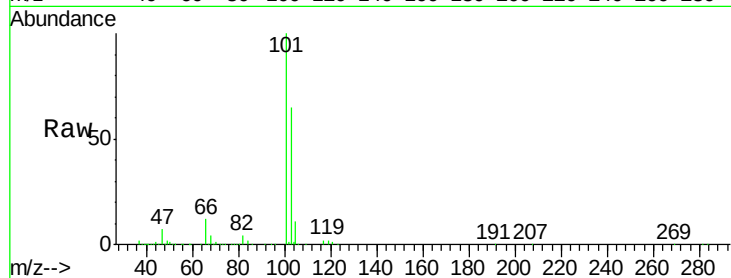
VSTDCCC050

Tgt Ion:101 Resp: 206575

Ion Ratio Lower Upper

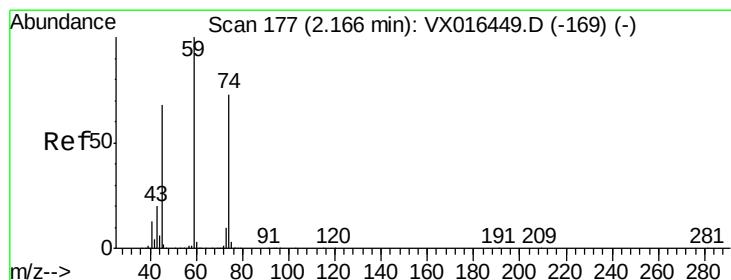
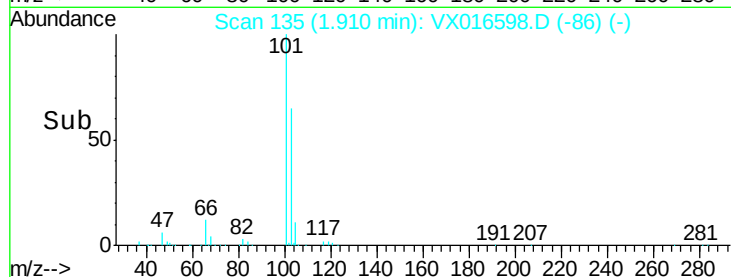
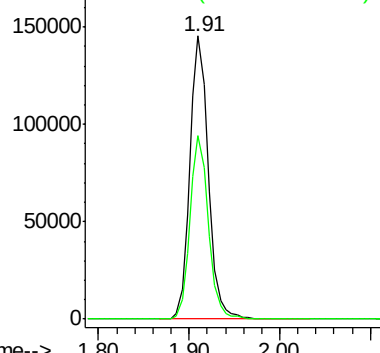
101 100

103 64.8 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 46.25 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016598.D

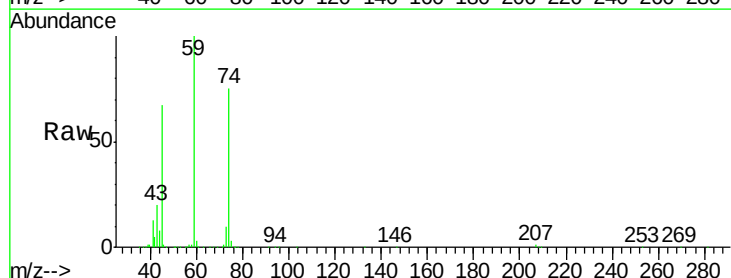
Acq: 05 Jun 2020 09:46

Tgt Ion: 74 Resp: 77339

Ion Ratio Lower Upper

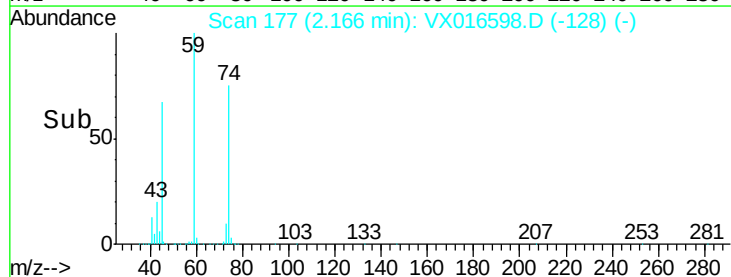
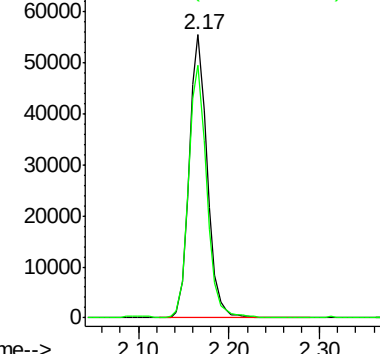
74 100

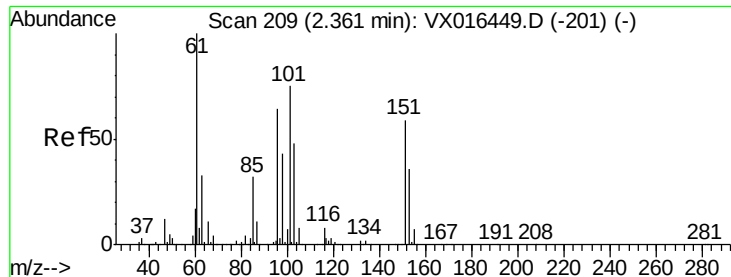
45 89.4 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.71 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

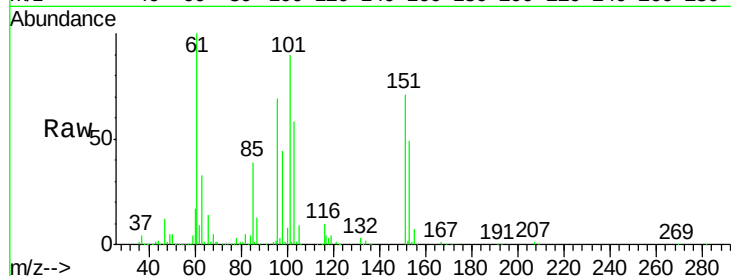
Tgt Ion:101 Resp: 111924

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

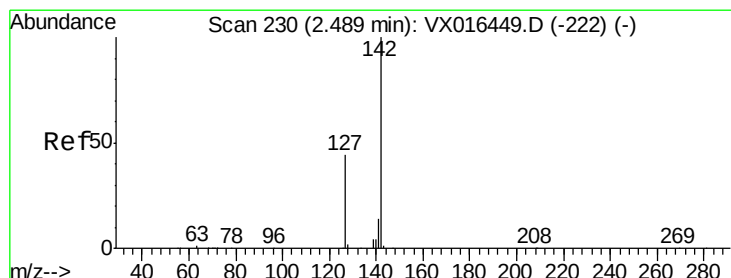
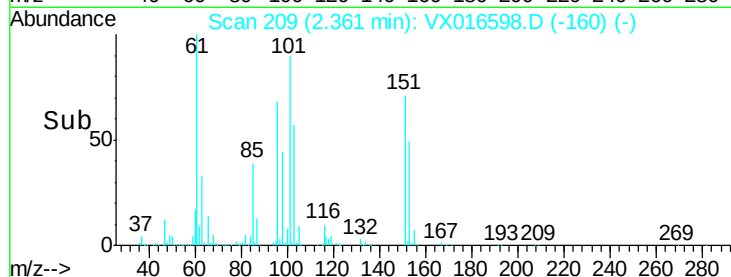
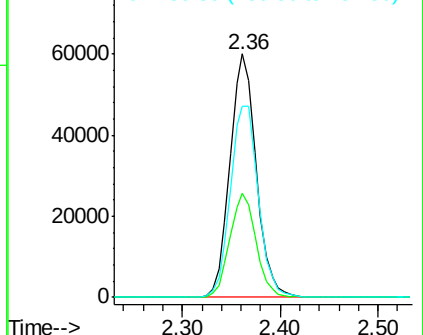
151 83.7 63.8 95.6



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: 42.82 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

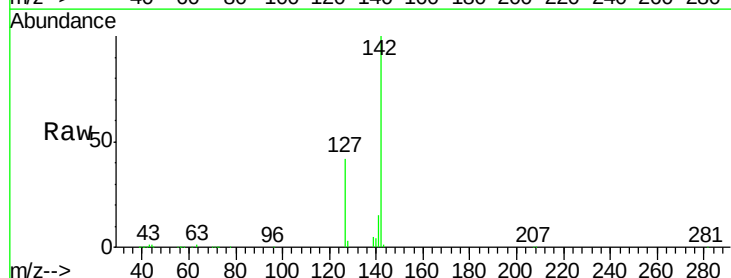
Tgt Ion:142 Resp: 111688

Ion Ratio Lower Upper

142 100

127 44.1 35.3 52.9

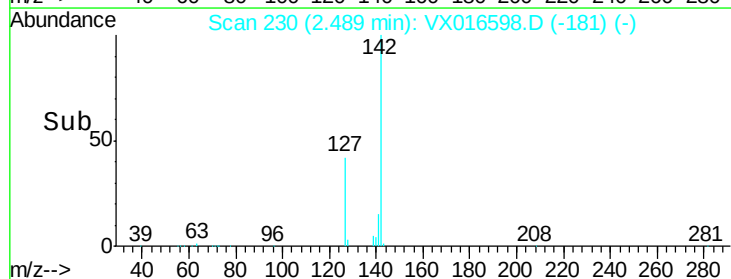
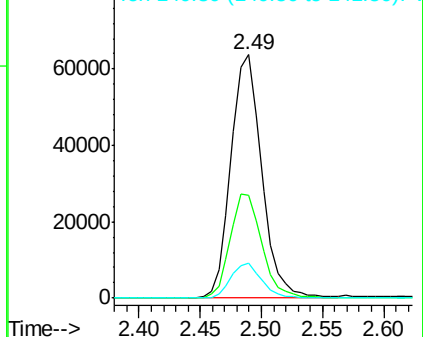
141 14.5 11.4 17.2

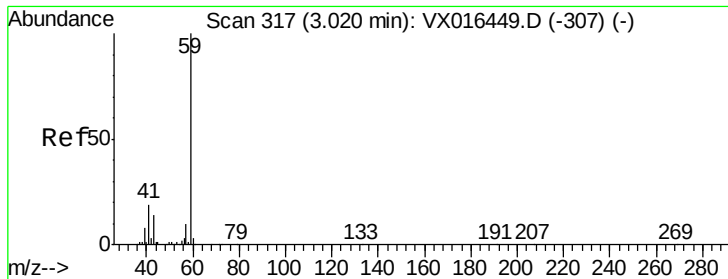


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

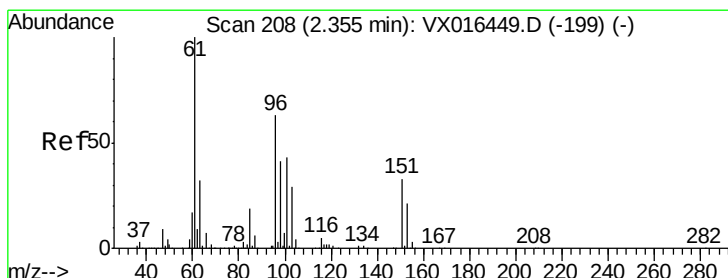
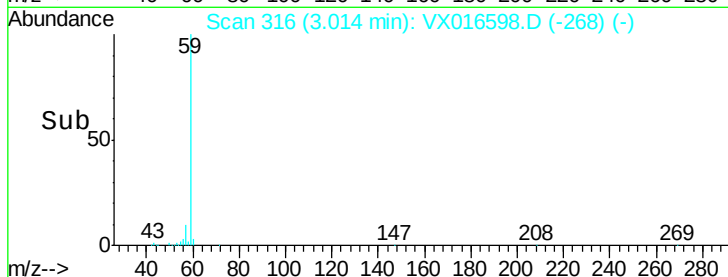
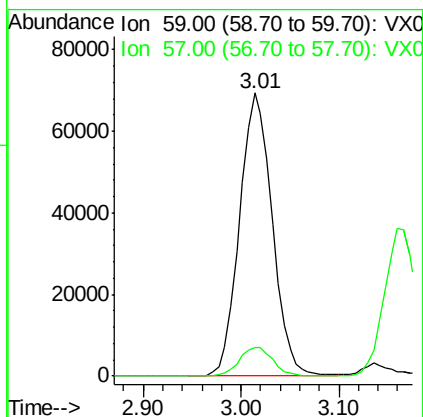
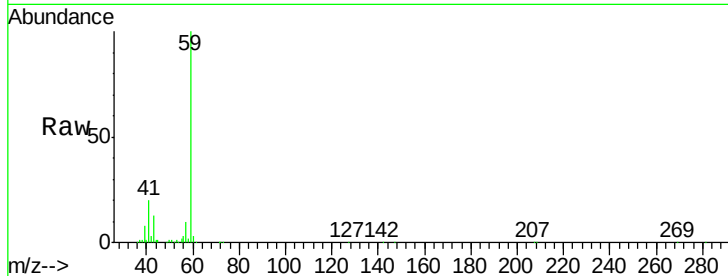




#11
Tert butyl alcohol
Concen: 208.56 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

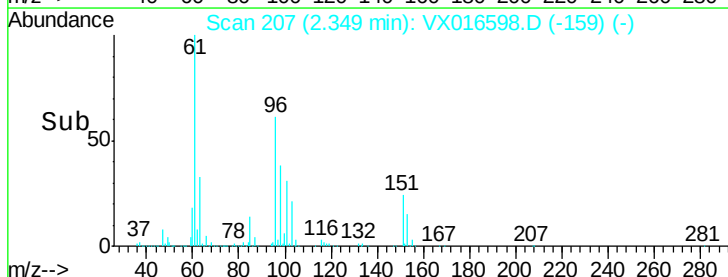
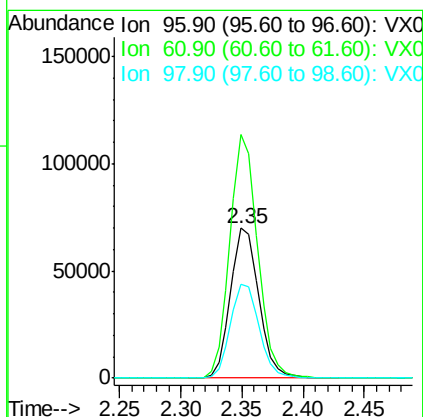
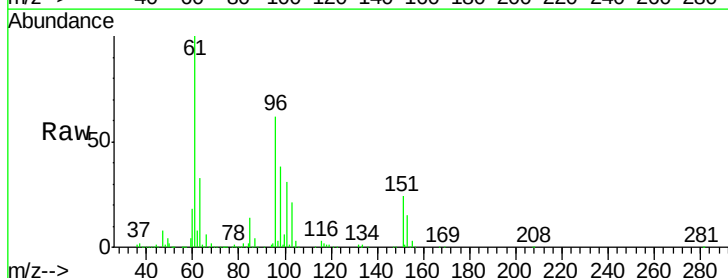
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

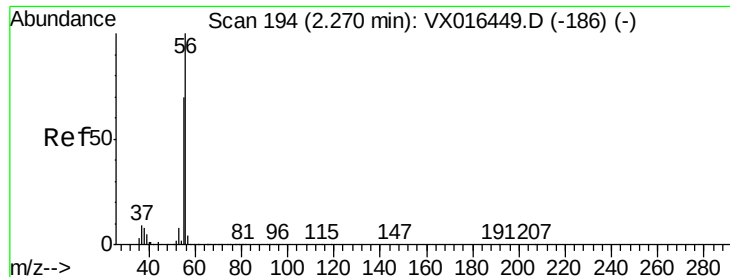
Tgt Ion: 59 Resp: 161252
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.70 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 96 Resp: 111428
Ion Ratio Lower Upper
96 100
61 162.4 126.6 189.8
98 62.2 51.3 76.9





#13

Acrolein

Concen: 307.83 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

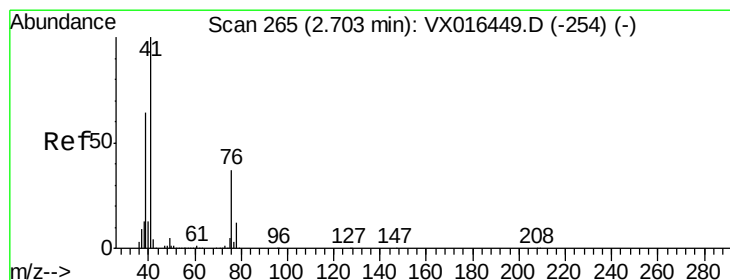
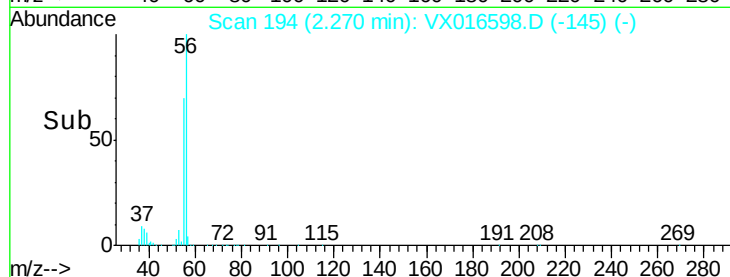
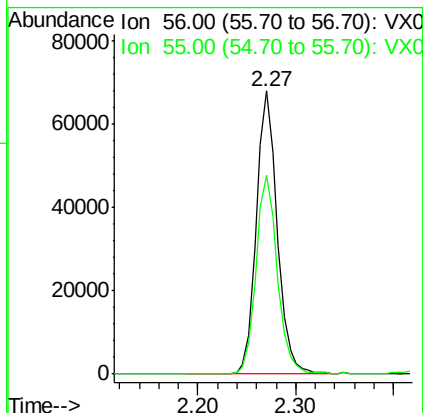
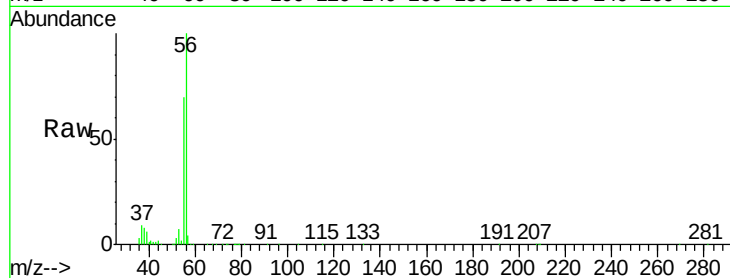
VSTDCCC050

Tgt Ion: 56 Resp: 101245

Ion Ratio Lower Upper

56 100

55 70.9 58.3 87.5



#14

Allyl chloride

Concen: 42.79 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

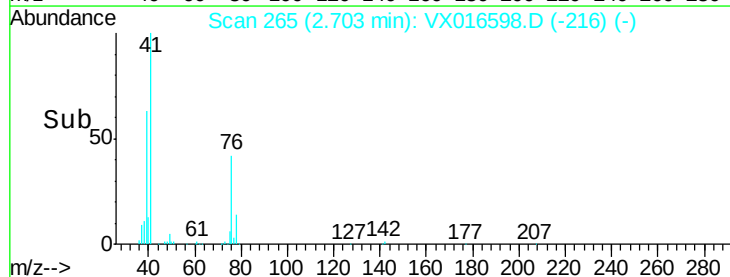
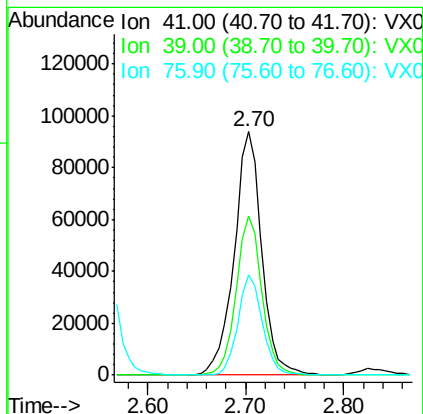
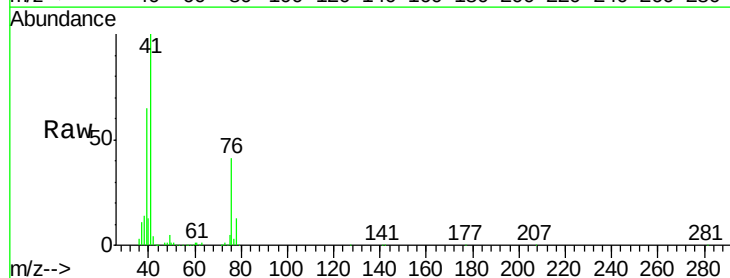
Tgt Ion: 41 Resp: 183835

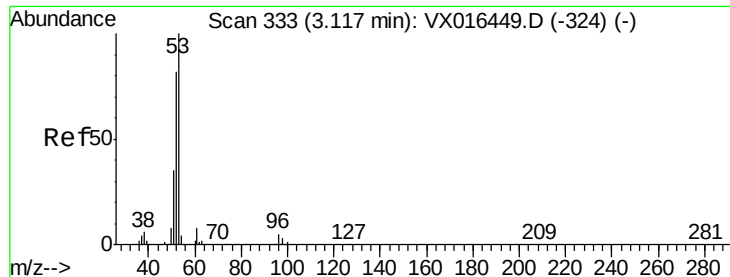
Ion Ratio Lower Upper

41 100

39 61.2 47.7 71.5

76 36.5 26.6 40.0





#15

Acrylonitrile

Concen: 218.62 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

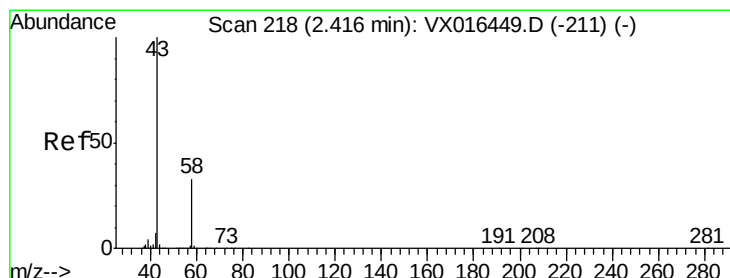
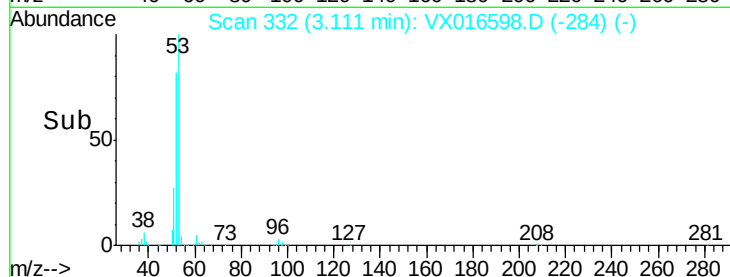
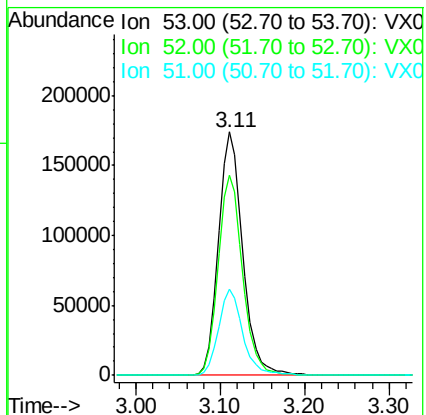
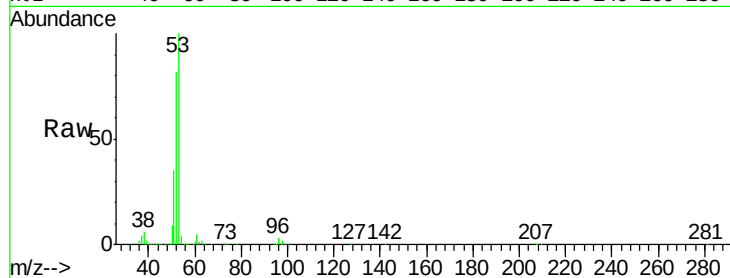
Tgt Ion: 53 Resp: 346250

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

51 35.7 28.6 43.0



#16

Acetone

Concen: 227.29 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016598.D

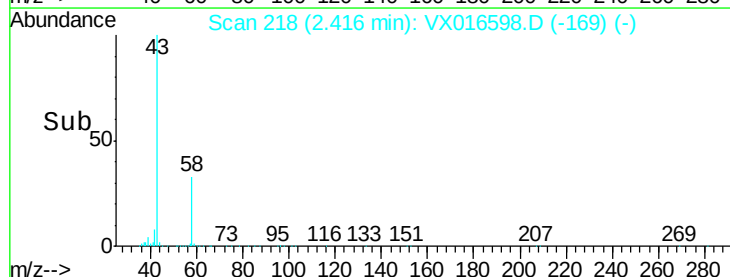
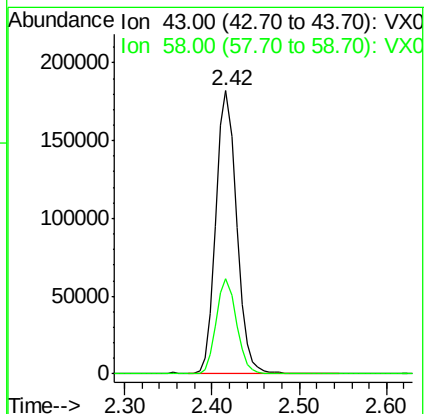
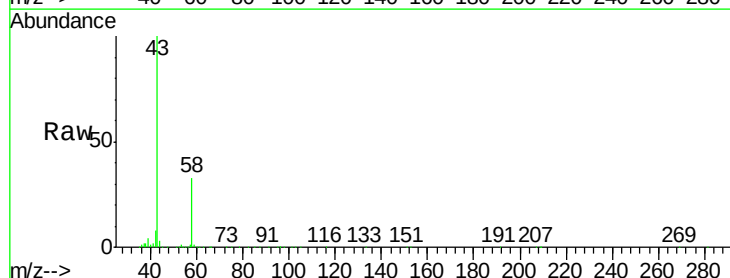
Acq: 05 Jun 2020 09:46

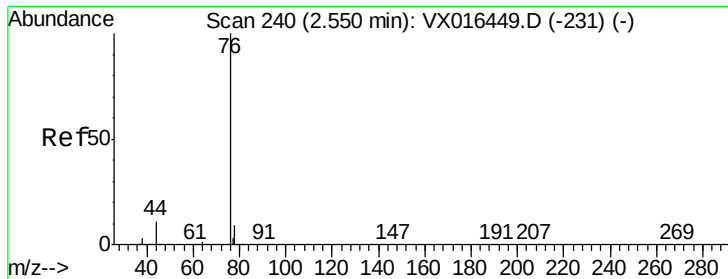
Tgt Ion: 43 Resp: 300254

Ion Ratio Lower Upper

43 100

58 33.4 26.1 39.1

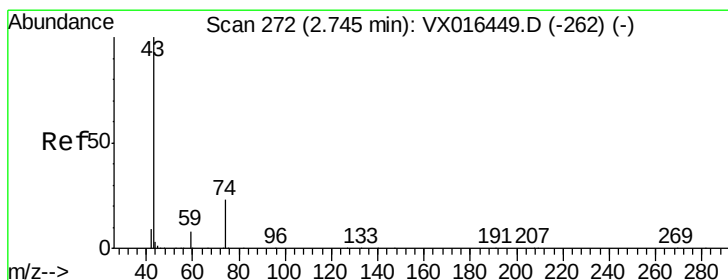
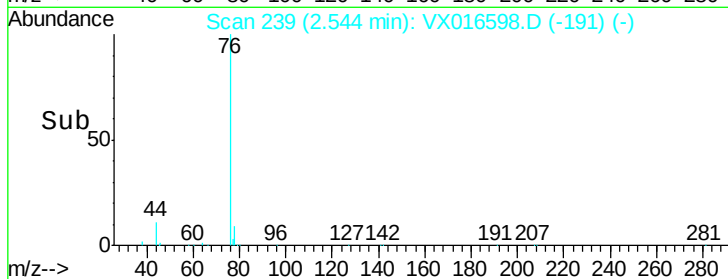
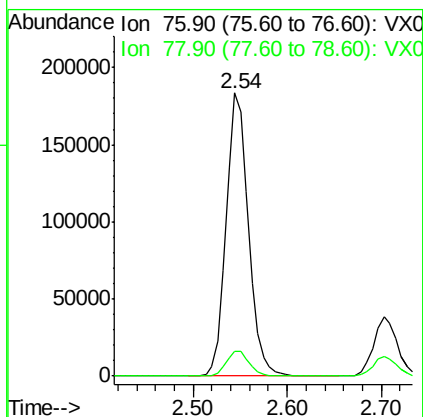
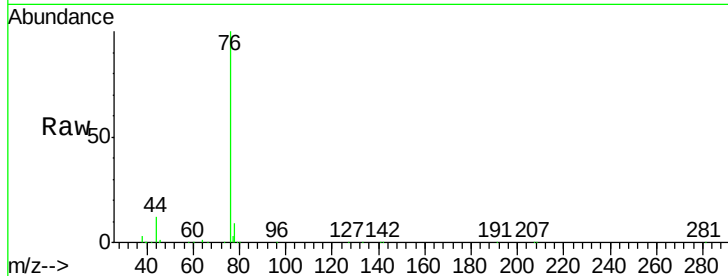




#17
Carbon Disulfide
Concen: 43.33 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

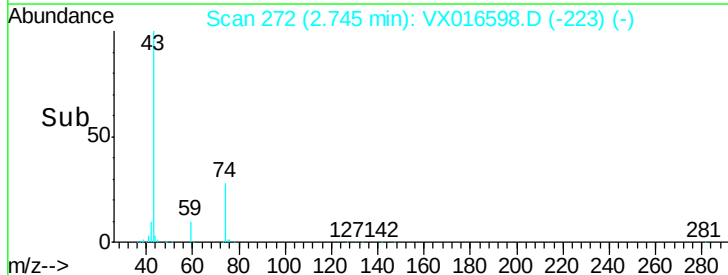
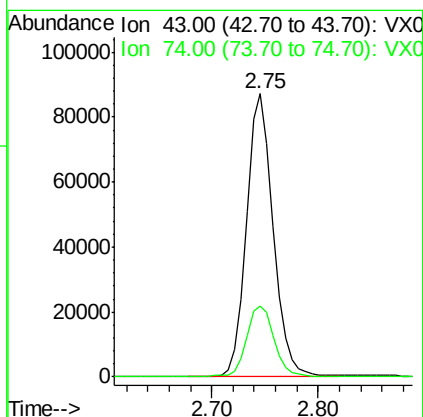
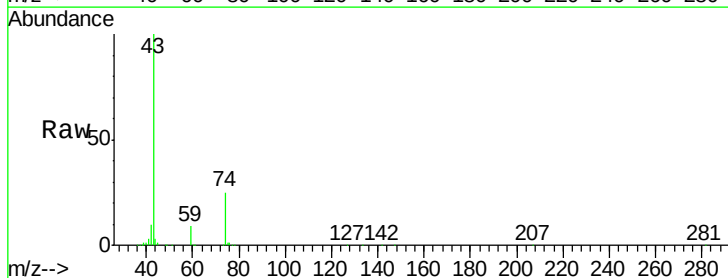
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

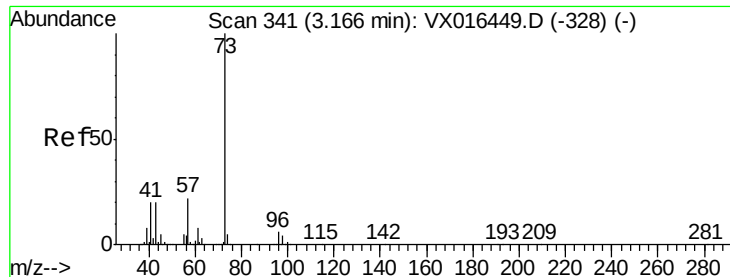
Tgt Ion: 76 Resp: 300614
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 45.09 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 43 Resp: 152775
Ion Ratio Lower Upper
43 100
74 26.4 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 48.07 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

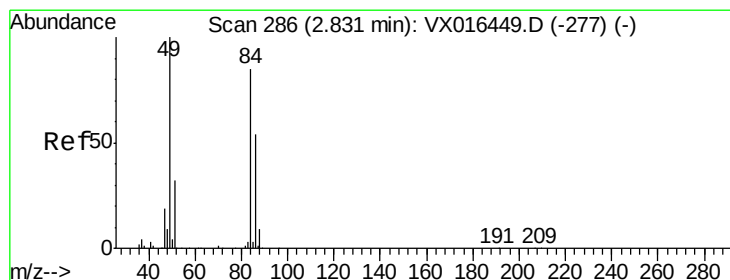
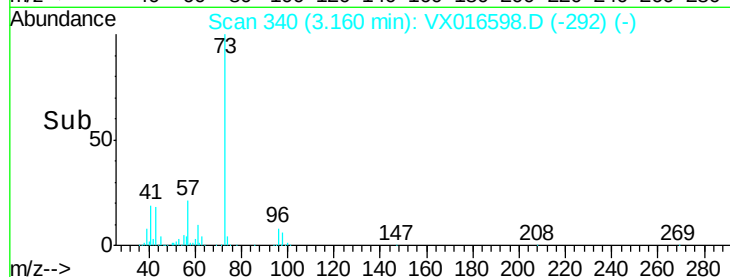
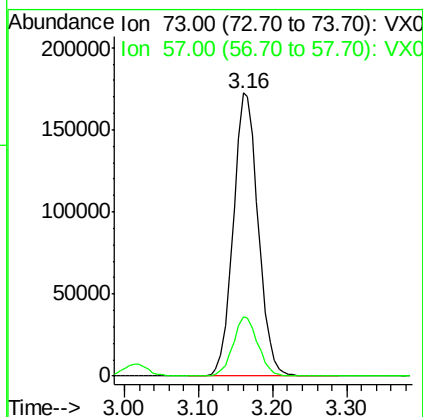
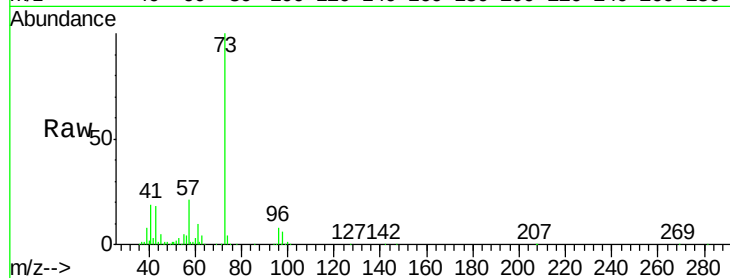
VSTDCCC050

Tgt Ion: 73 Resp: 403263

Ion Ratio Lower Upper

73 100

57 20.9 17.8 26.6



#20

Methylene Chloride

Concen: 46.86 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Tgt Ion: 84 Resp: 128069

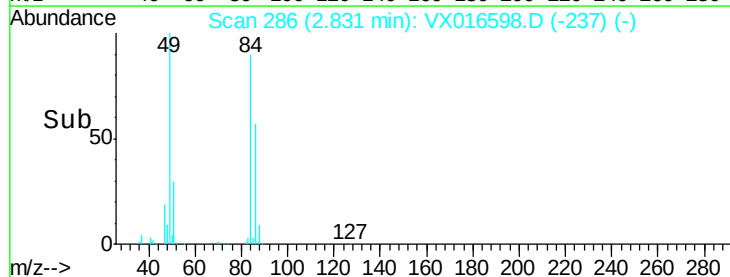
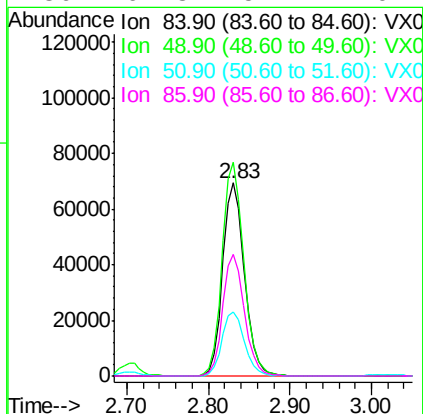
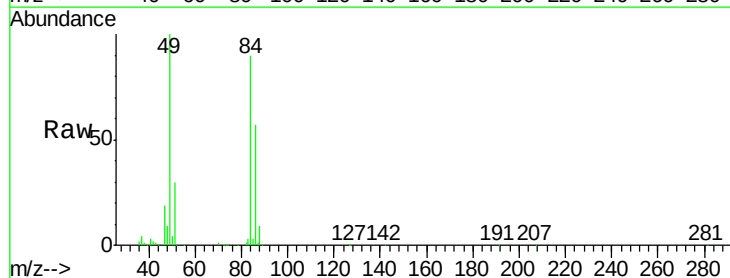
Ion Ratio Lower Upper

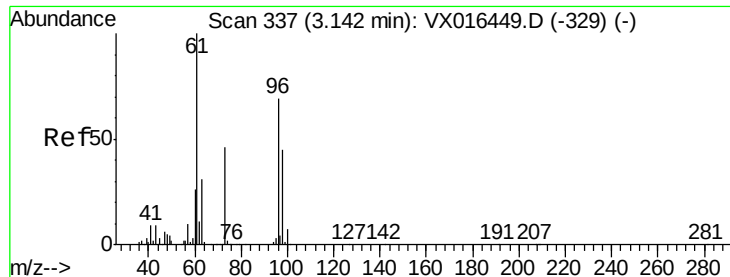
84 100

49 110.6 94.5 141.7

51 33.4 30.2 45.4

86 62.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.56 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

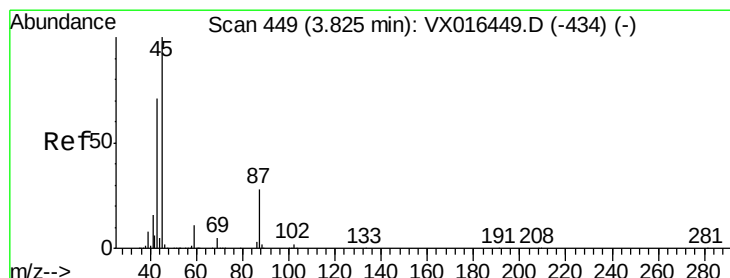
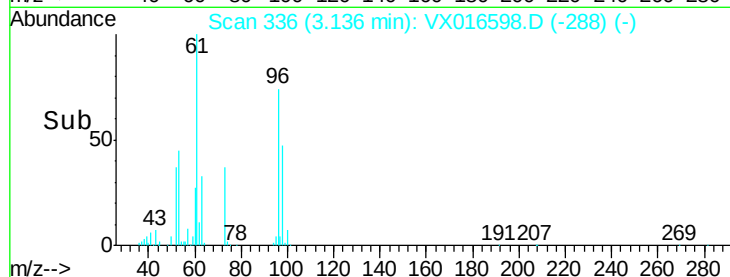
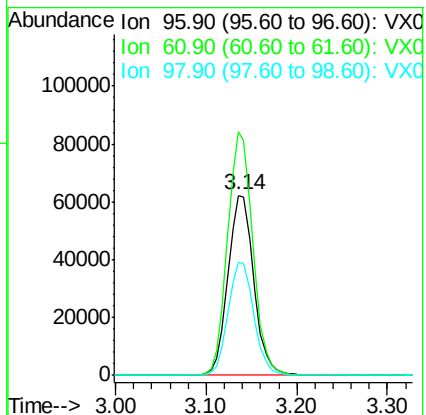
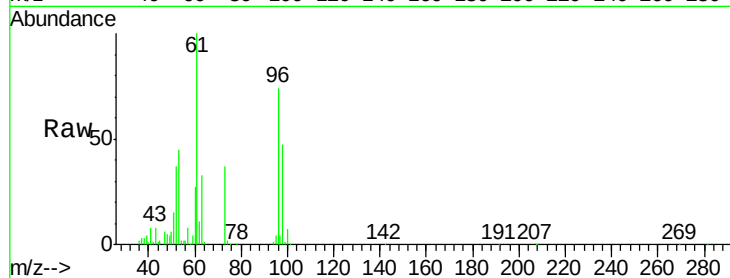
Tgt Ion: 96 Resp: 122885

Ion Ratio Lower Upper

96 100

61 135.6 115.3 172.9

98 63.2 51.9 77.9



#22

Diisopropyl ether

Concen: 44.12 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Tgt Ion: 45 Resp: 364100

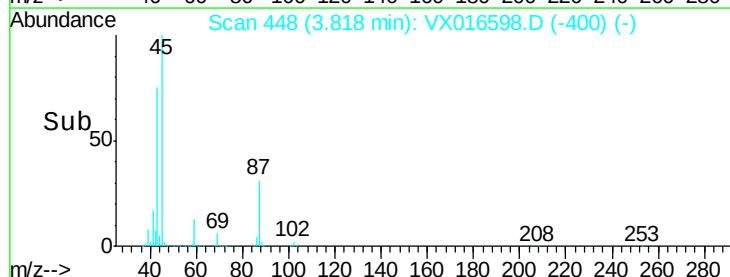
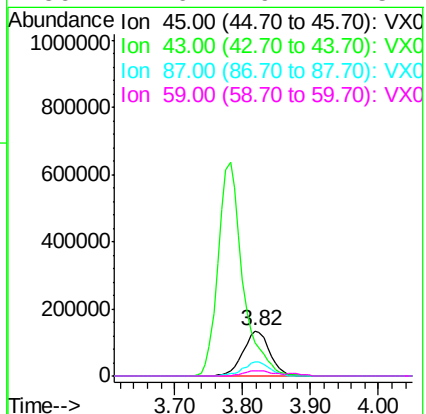
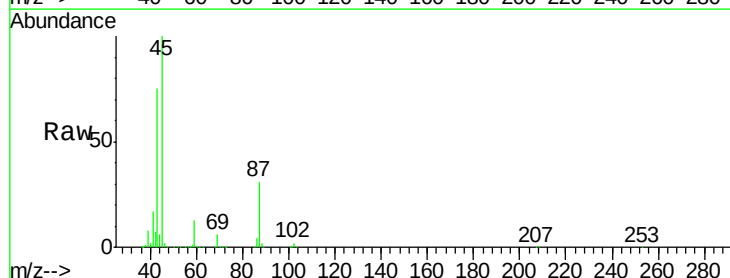
Ion Ratio Lower Upper

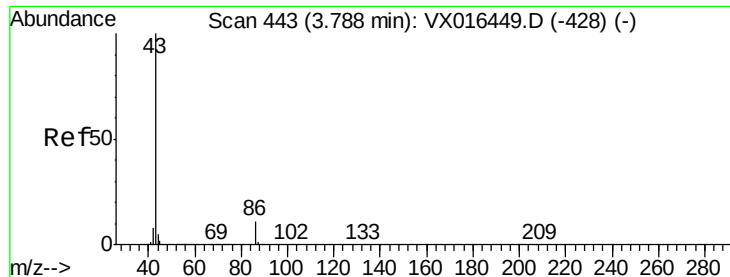
45 100

43 74.5 57.0 85.6

87 30.5 22.5 33.7

59 12.6 9.1 13.7





#23

Vinyl Acetate

Concen: 221.08 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

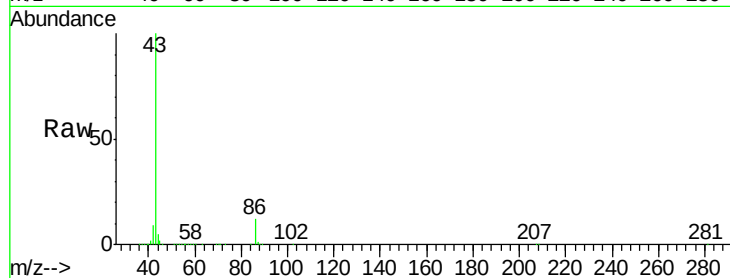
VSTDCCC050

Tgt Ion: 43 Resp: 1597122

Ion Ratio Lower Upper

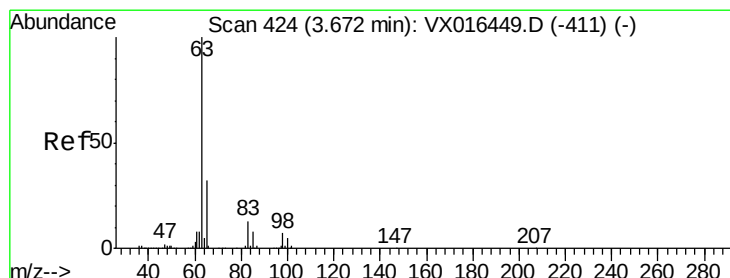
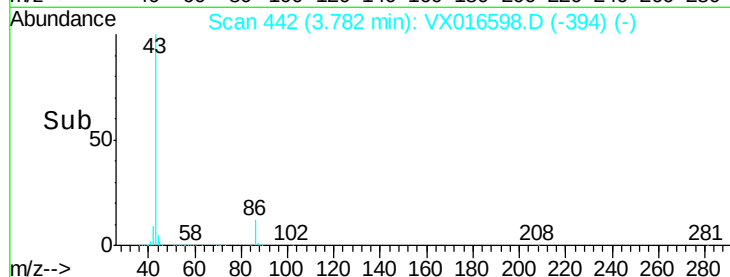
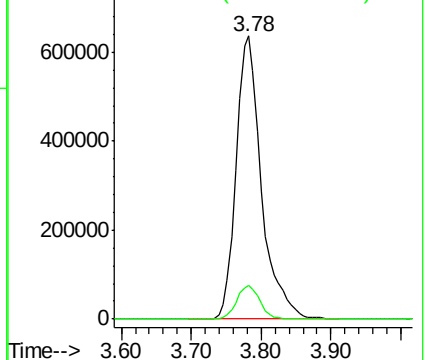
43 100

86 11.7 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: 46.62 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

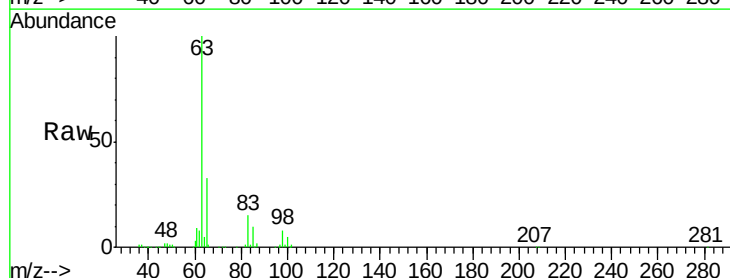
Tgt Ion: 63 Resp: 217191

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

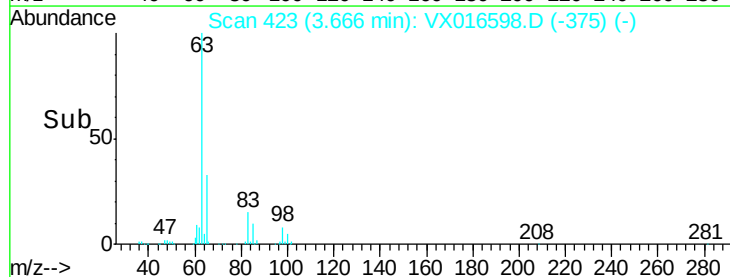
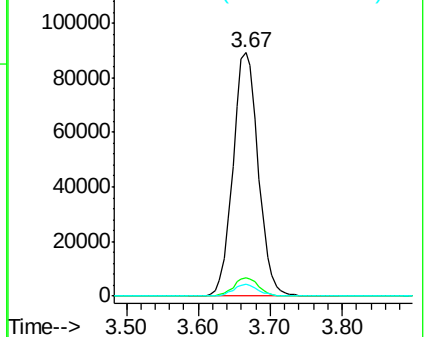
100 5.2 2.4 7.1

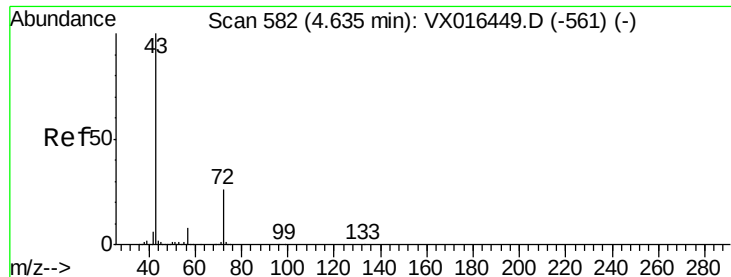


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 206.60 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

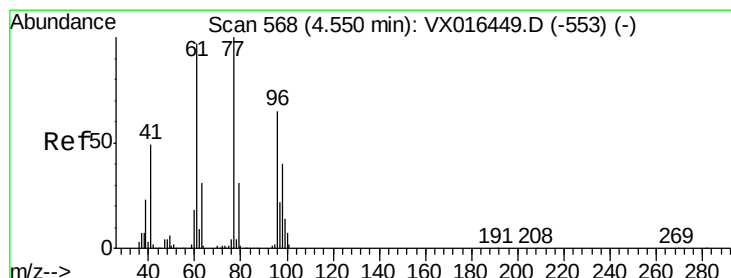
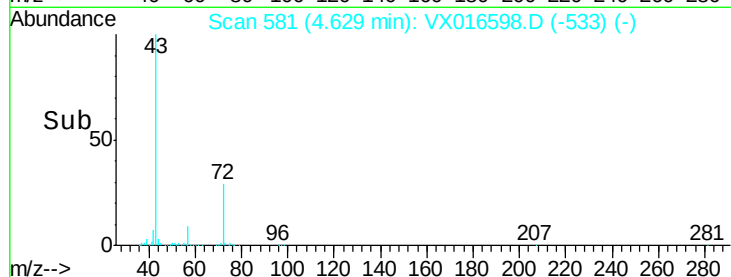
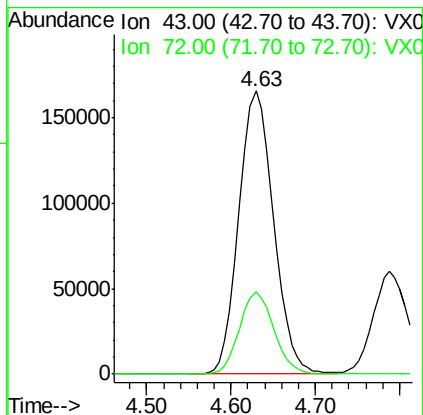
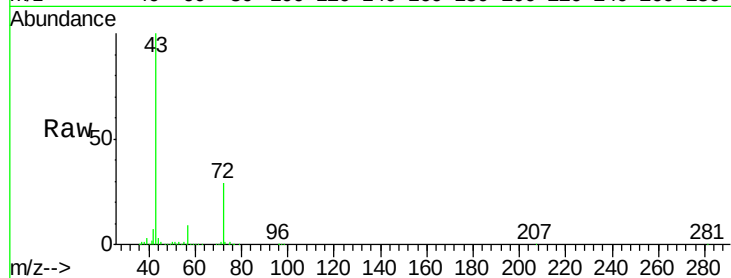
VSTDCCC050

Tgt Ion: 43 Resp: 462458

Ion Ratio Lower Upper

43 100

72 29.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 54.19 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016598.D

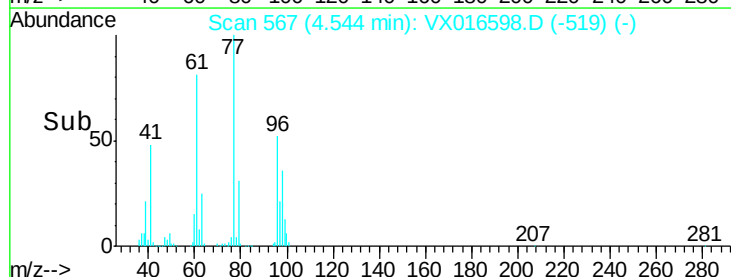
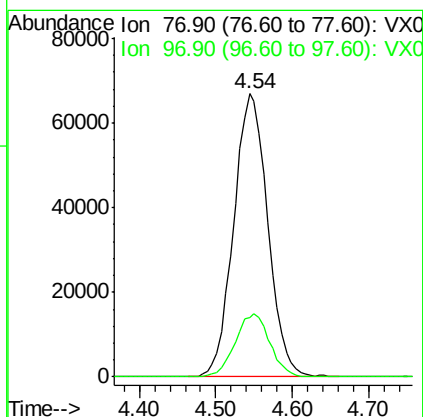
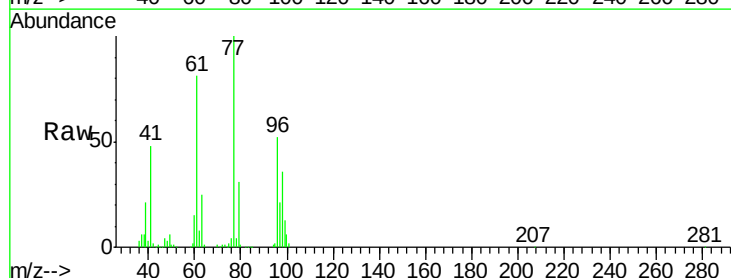
Acq: 05 Jun 2020 09:46

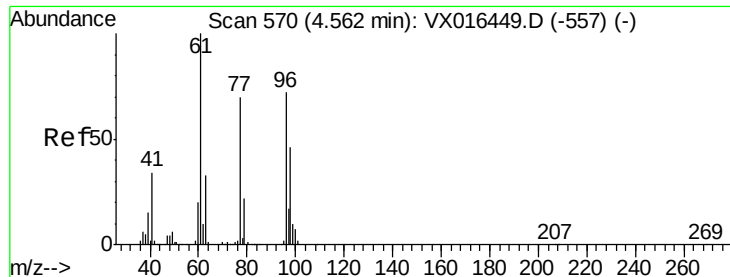
Tgt Ion: 77 Resp: 206565

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 46.23 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

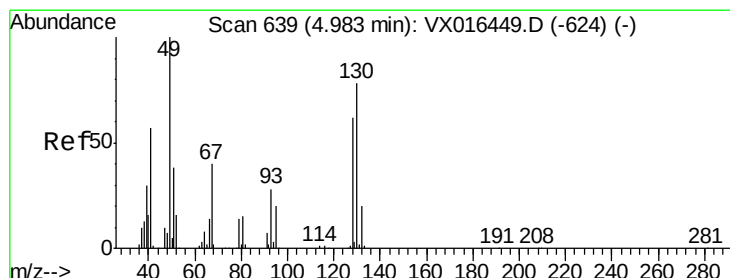
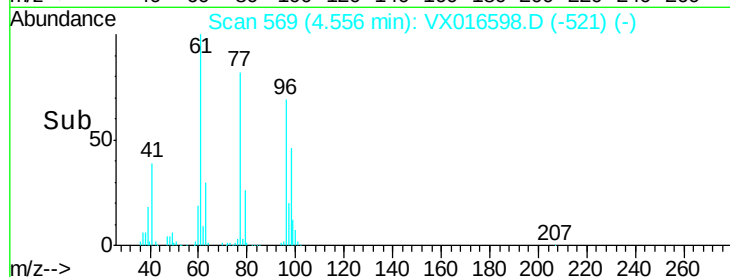
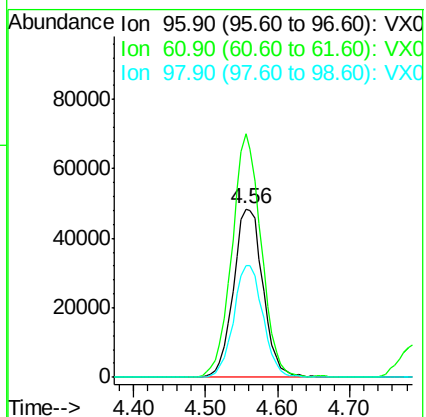
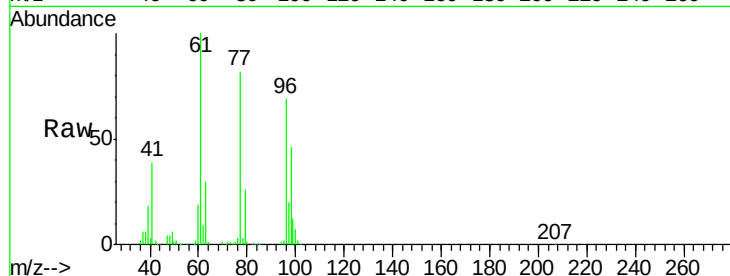
Tgt Ion: 96 Resp: 138188

Ion Ratio Lower Upper

96 100

61 142.7 0.0 284.6

98 65.7 0.0 127.2



#28

Bromochloromethane

Concen: 43.22 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

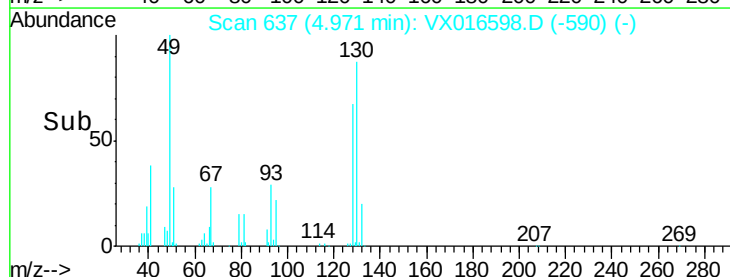
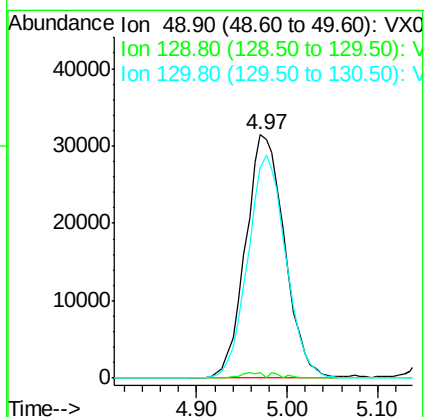
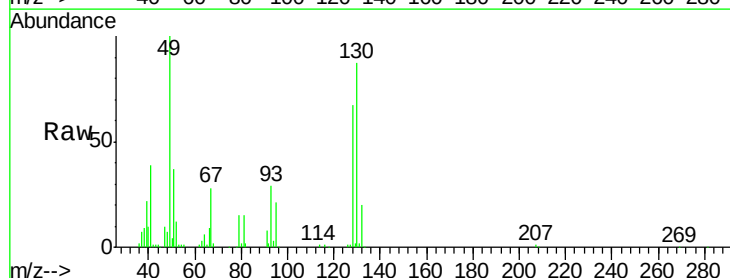
Tgt Ion: 49 Resp: 93552

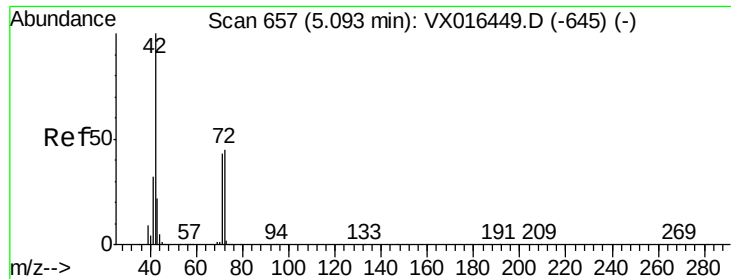
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

130 0.0 63.0 94.4#





#29

Tetrahydrofuran

Concen: 206.65 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

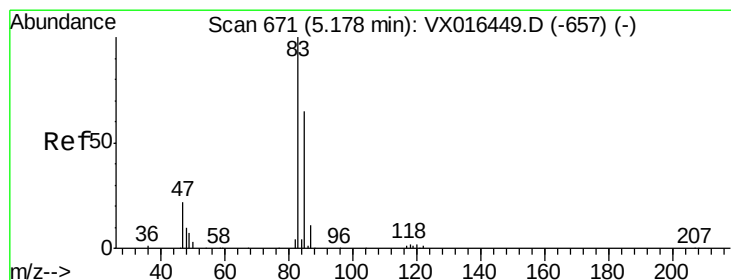
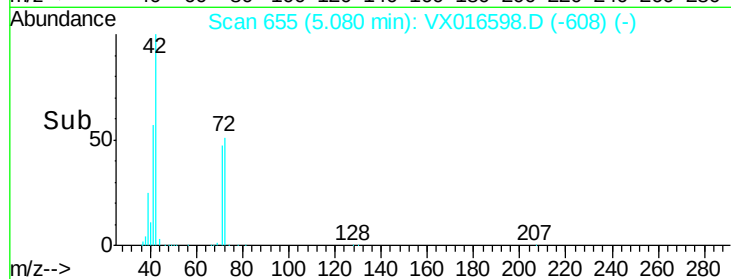
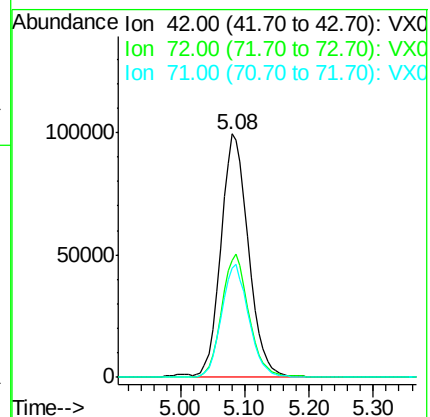
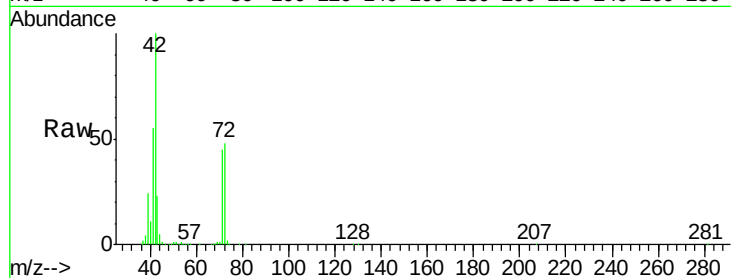
Tgt Ion: 42 Resp: 298838

Ion Ratio Lower Upper

42 100

72 50.4 37.0 55.4

71 46.2 34.1 51.1



#30

Chloroform

Concen: 48.11 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016598.D

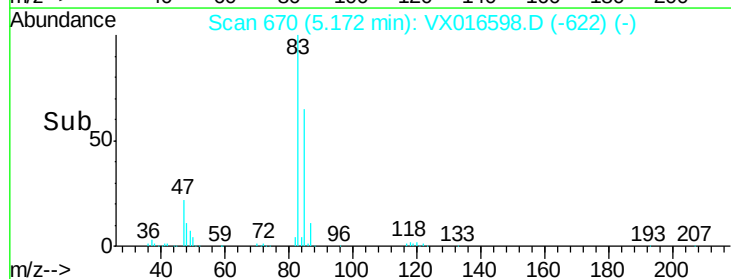
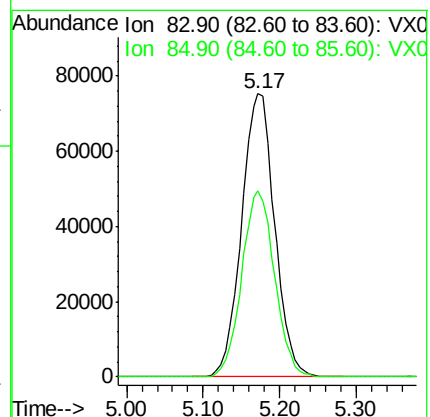
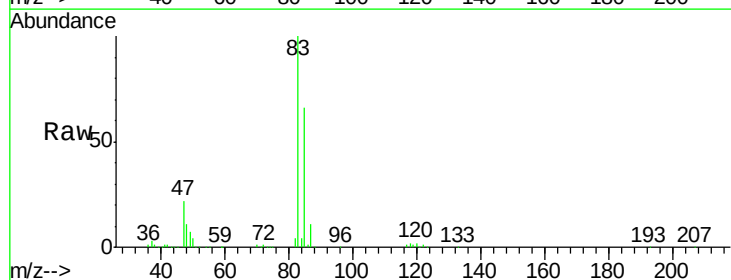
Acq: 05 Jun 2020 09:46

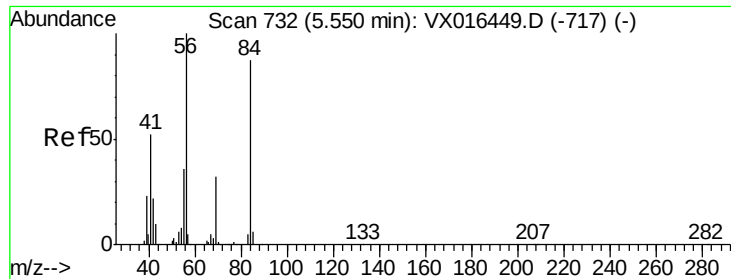
Tgt Ion: 83 Resp: 225809

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0

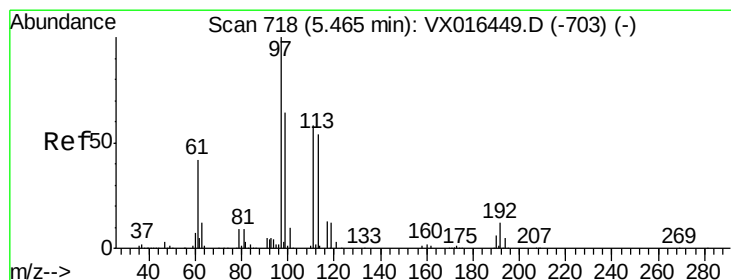
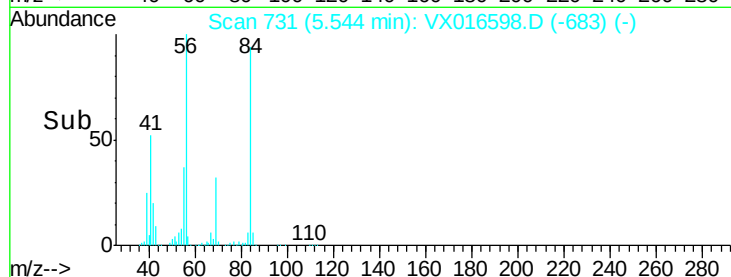
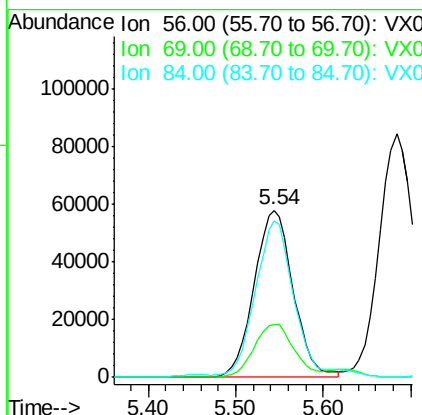
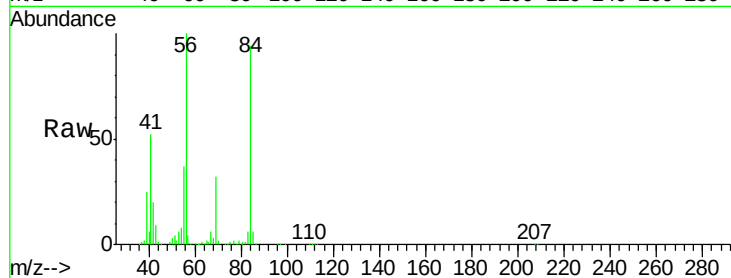




#31
Cyclohexane
Concen: 42.87 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

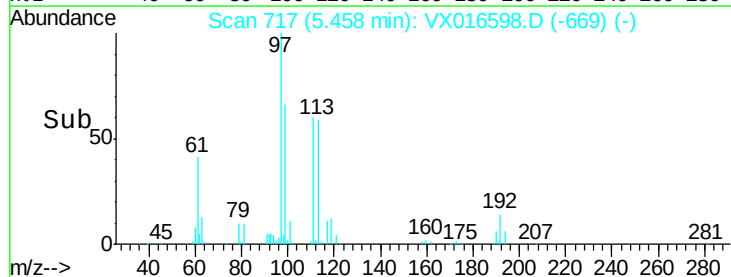
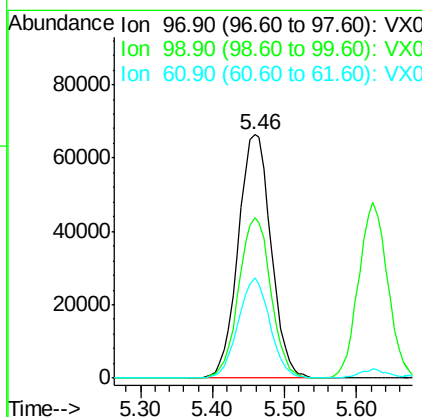
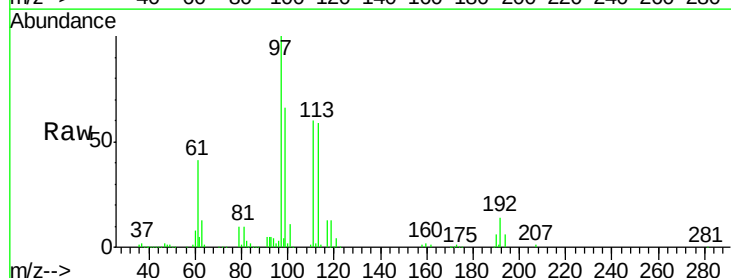
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

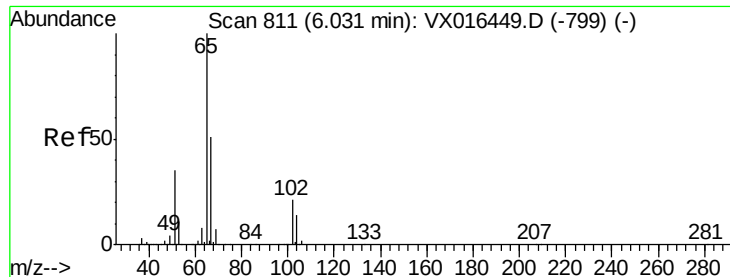
Tgt Ion: 56 Resp: 179647
Ion Ratio Lower Upper
56 100
69 32.0 25.7 38.5
84 92.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.49 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 97 Resp: 210312
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 39.8 33.5 50.3

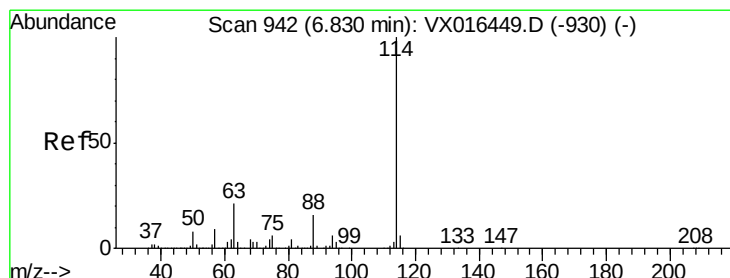
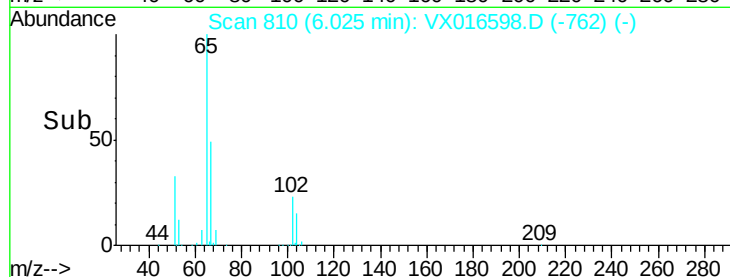
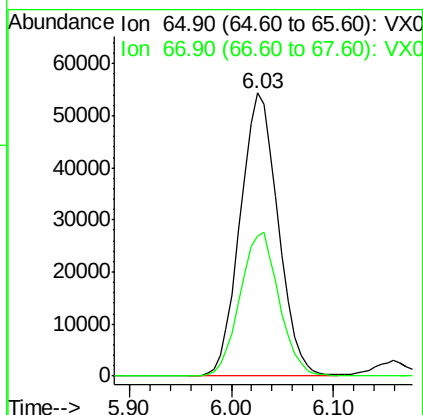
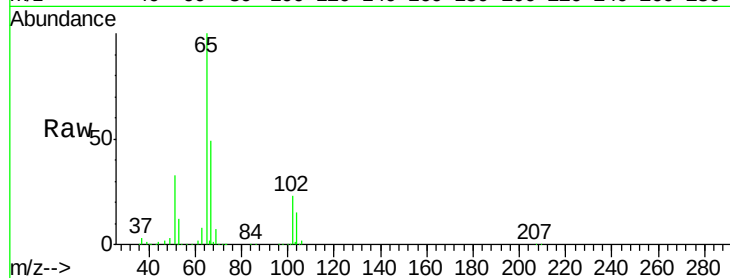




#33
 1,2-Dichloroethane-d4
 Concen: 46.79 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

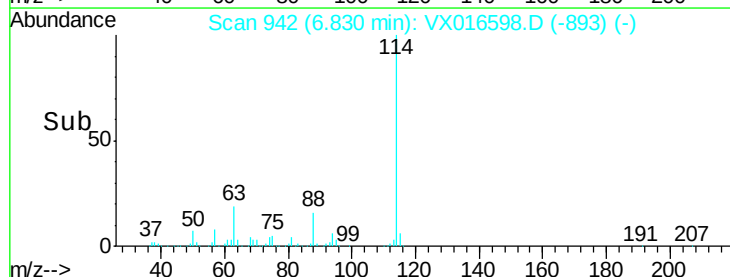
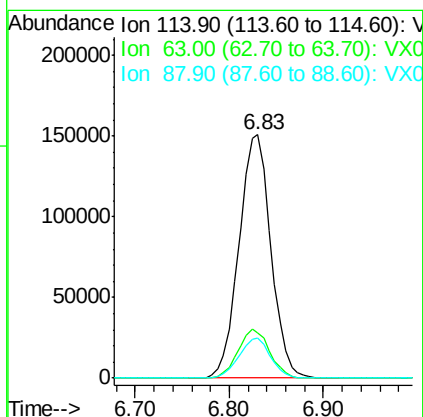
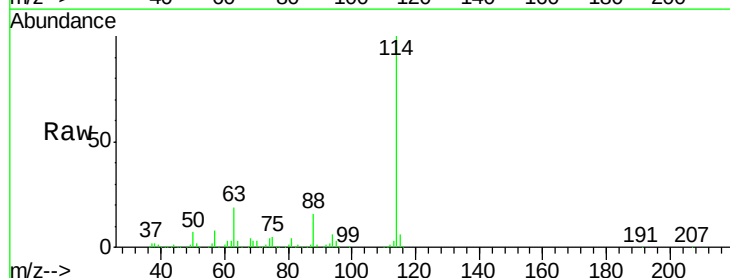
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

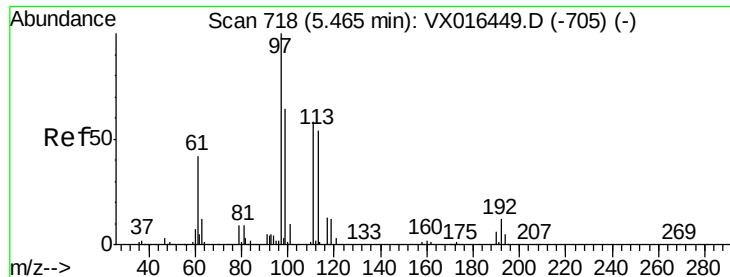
Tgt Ion: 65 Resp: 141086
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Tgt Ion: 114 Resp: 356614
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.6
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.06 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

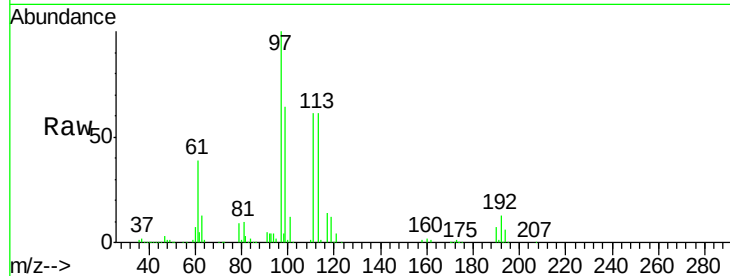
Tgt Ion:113 Resp: 114312

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

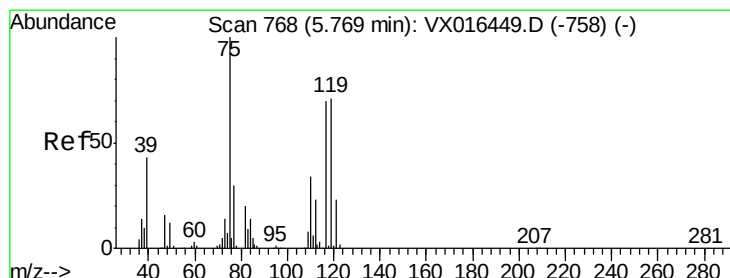
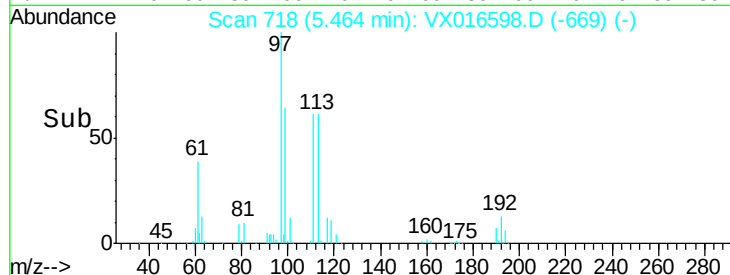
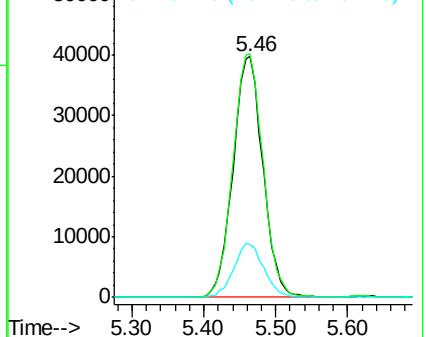
192 22.5 17.7 26.5



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: 49.12 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

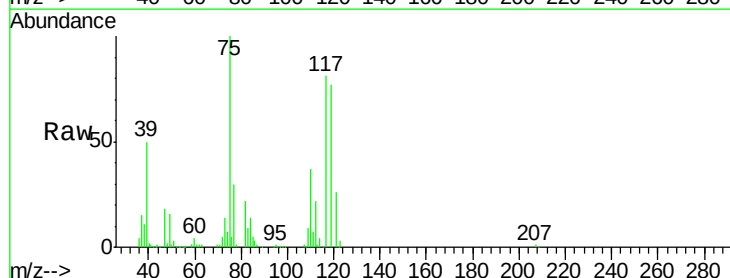
Tgt Ion: 75 Resp: 165859

Ion Ratio Lower Upper

75 100

110 36.2 17.4 52.3

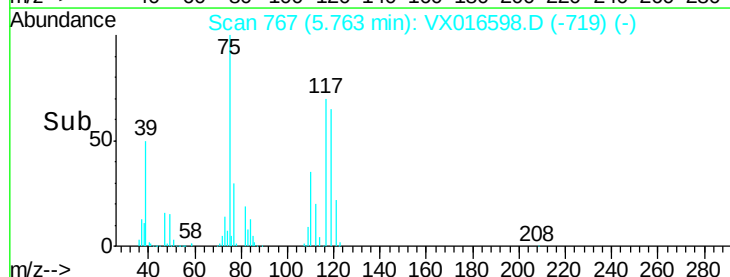
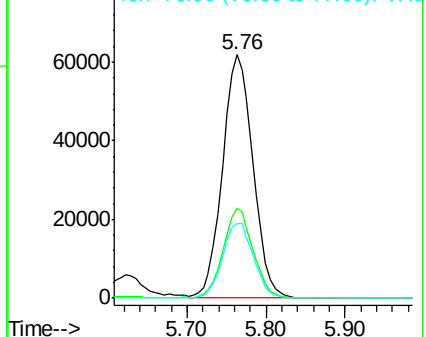
77 30.7 24.2 36.4

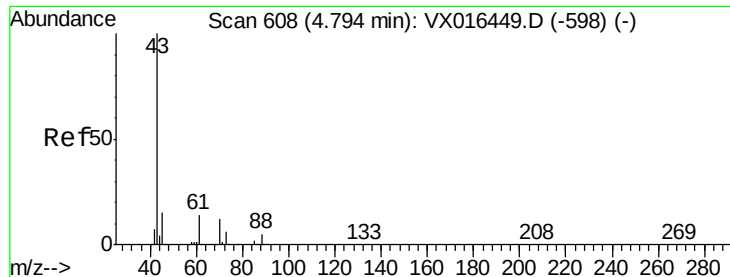


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

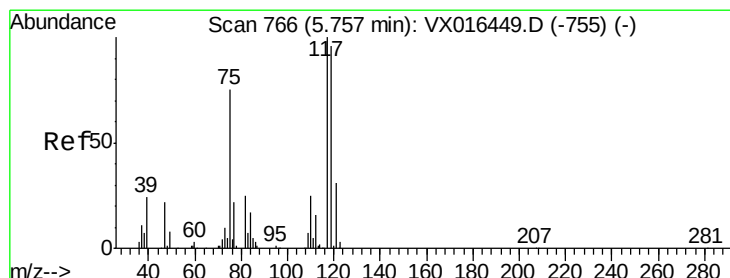
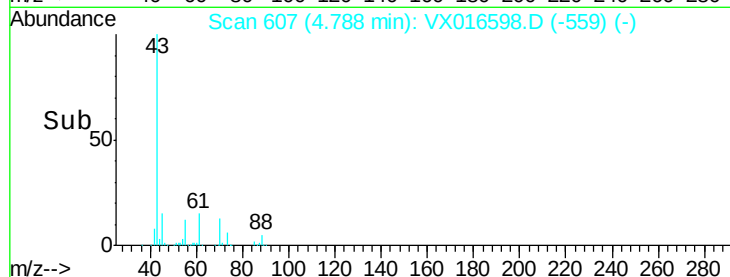
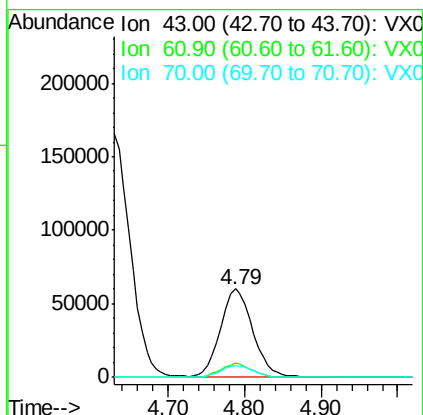
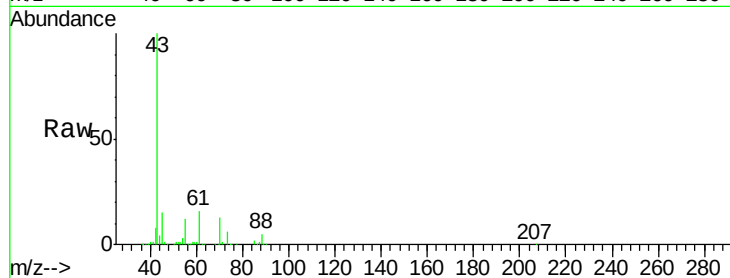




#37
Ethyl Acetate
Concen: 43.11 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

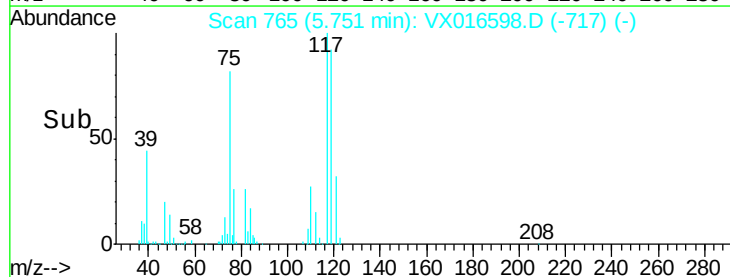
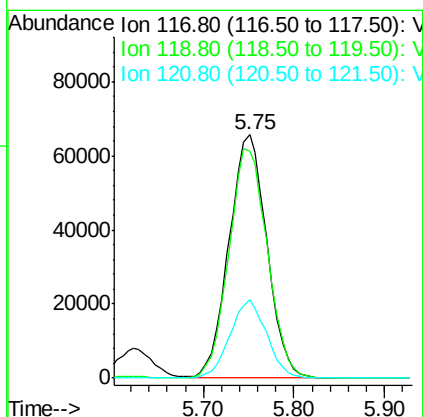
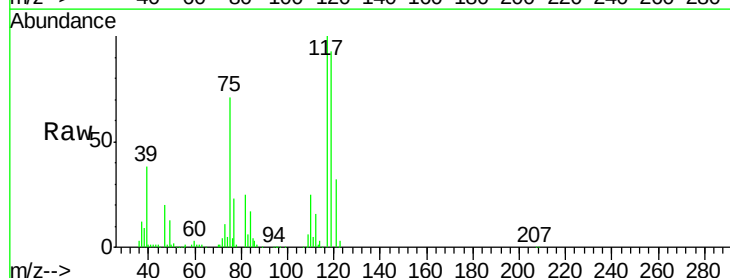
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

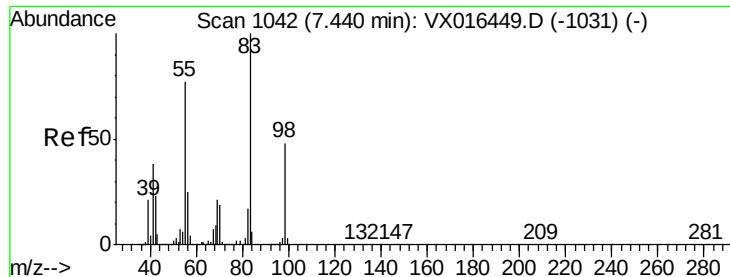
Tgt Ion: 43 Resp: 174758
Ion Ratio Lower Upper
43 100
61 15.2 11.3 16.9
70 13.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 53.50 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 117 Resp: 189825
Ion Ratio Lower Upper
117 100
119 93.0 76.3 114.5
121 32.2 24.6 37.0

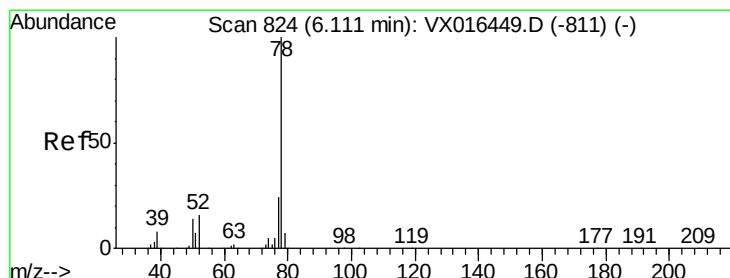
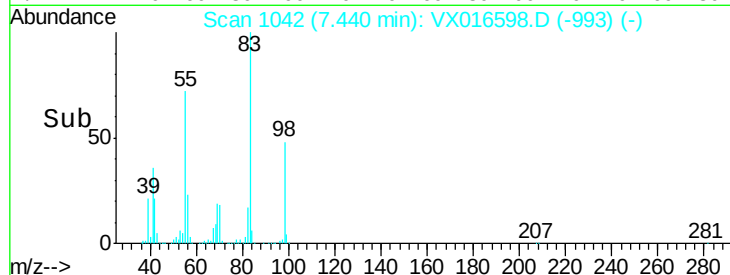
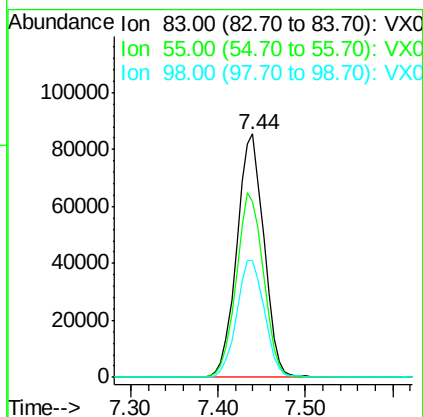
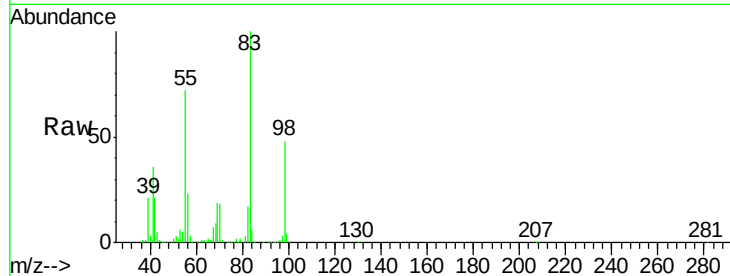




#39
Methylcyclohexane
Concen: 50.23 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

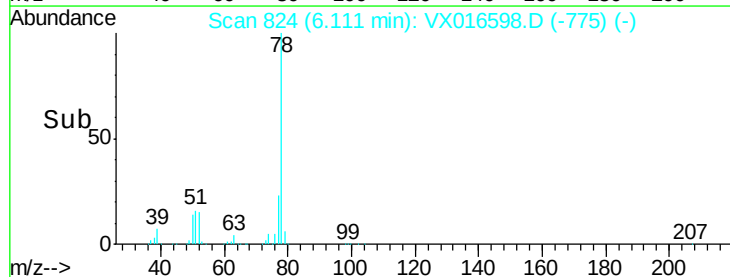
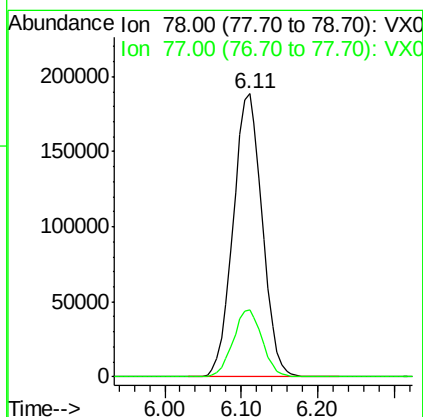
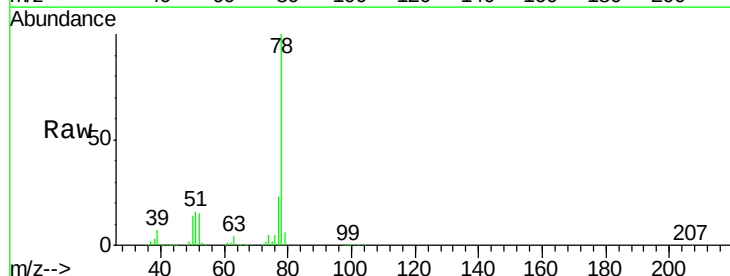
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

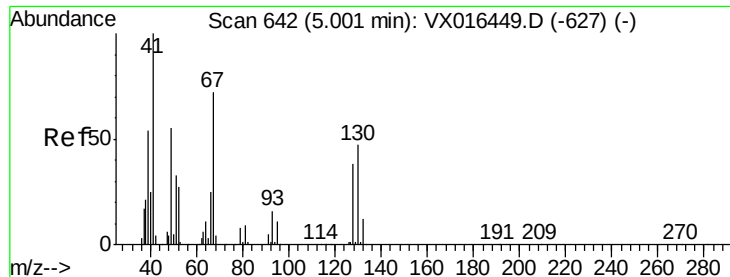
Tgt Ion: 83 Resp: 184198
Ion Ratio Lower Upper
83 100
55 72.2 61.7 92.5
98 47.8 38.7 58.1



#40
Benzene
Concen: 49.36 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 78 Resp: 496291
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

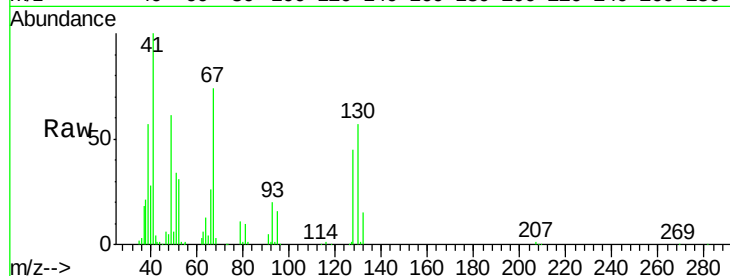




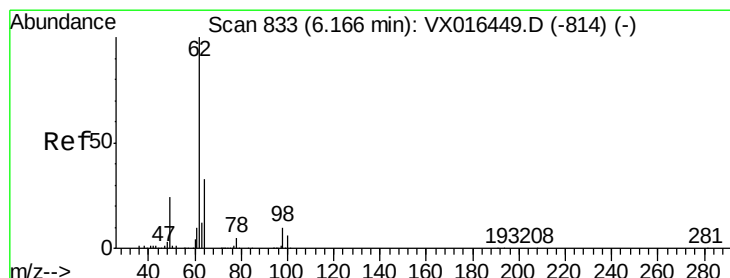
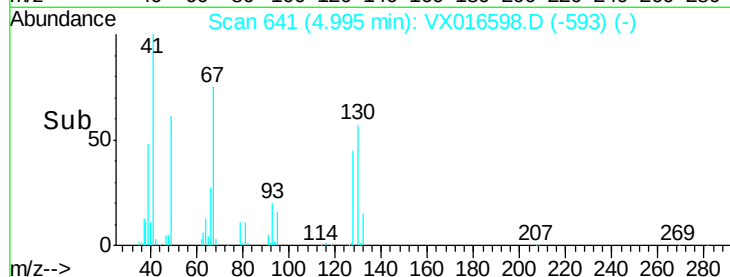
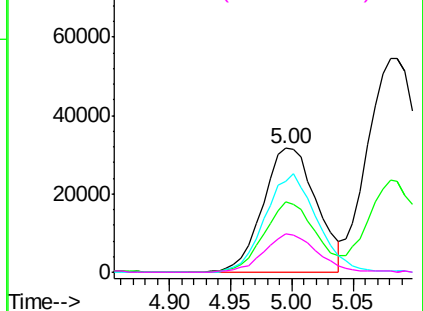
#41
Methacrylonitrile
Concen: 43.15 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	96088
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.0	64.4
67	77.5	58.9	88.3
52	31.2	23.1	34.7

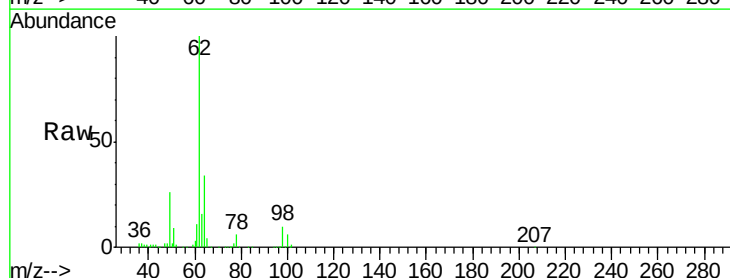


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

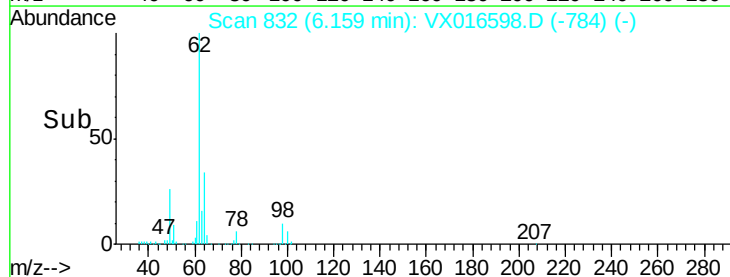
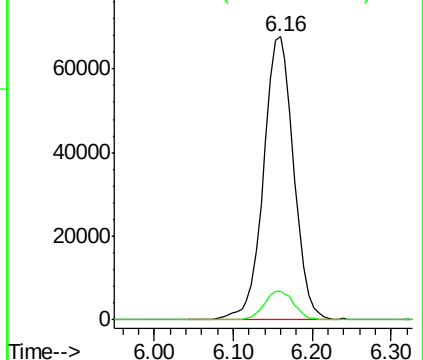


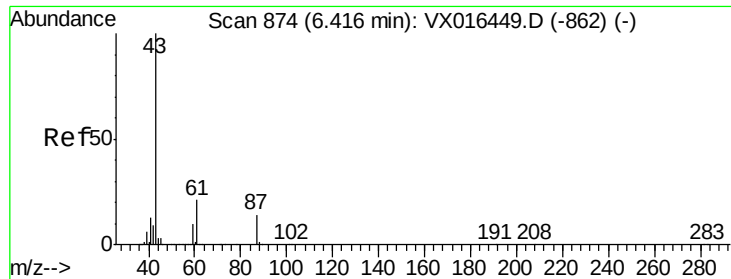
#42
1,2-Dichloroethane
Concen: 50.37 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion:	62	Resp:	180102
Ion	Ratio	Lower	Upper
62	100		
98	10.2	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: 44.83 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

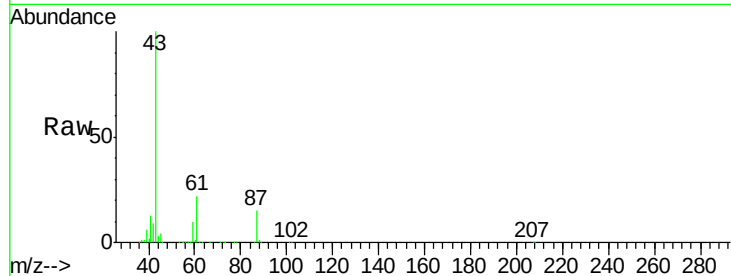
Tgt Ion: 43 Resp: 283478

Ion Ratio Lower Upper

43 100

61 21.8 16.8 25.2

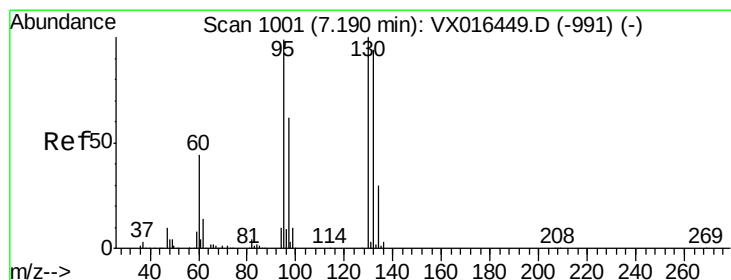
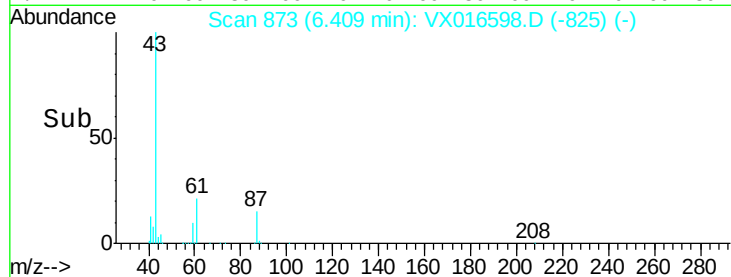
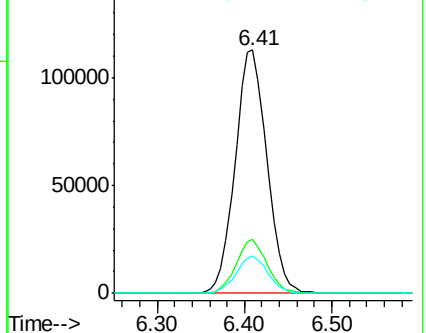
87 15.2 11.2 16.8



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: 49.87 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016598.D

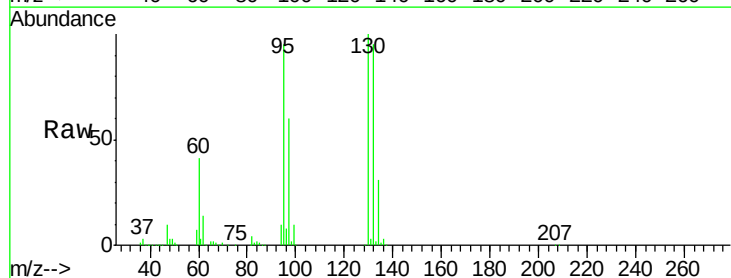
Acq: 05 Jun 2020 09:46

Tgt Ion: 130 Resp: 159091

Ion Ratio Lower Upper

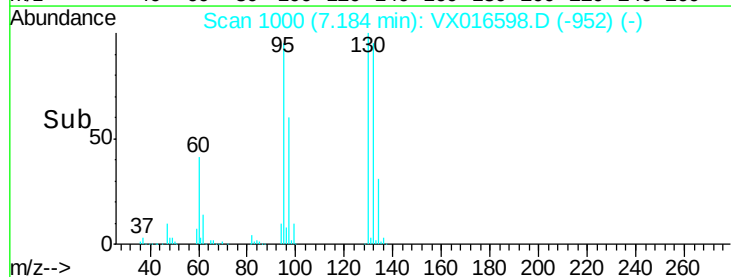
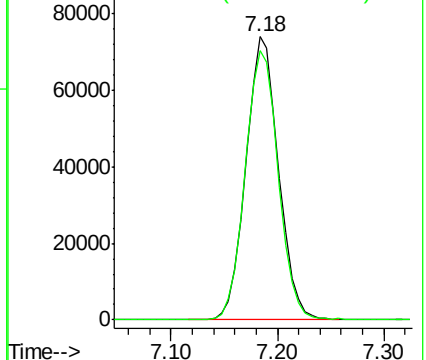
130 100

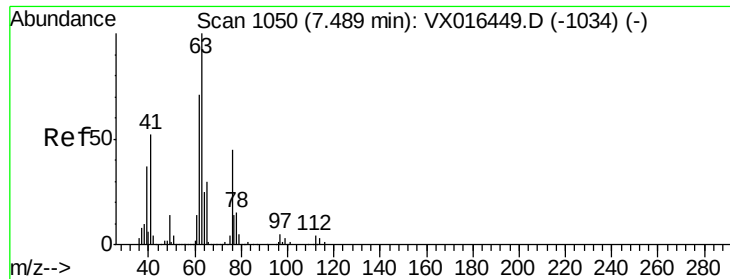
95 95.3 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

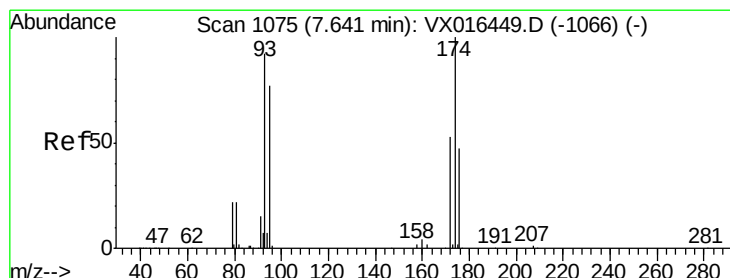
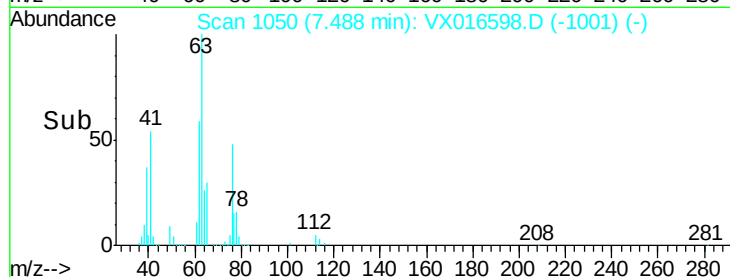
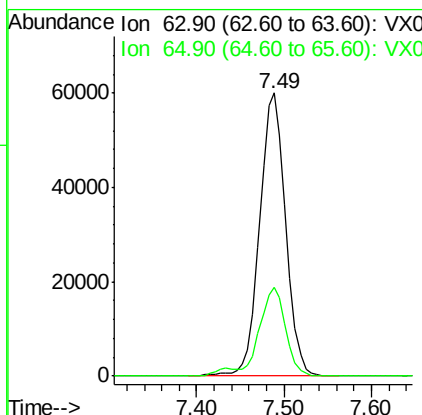
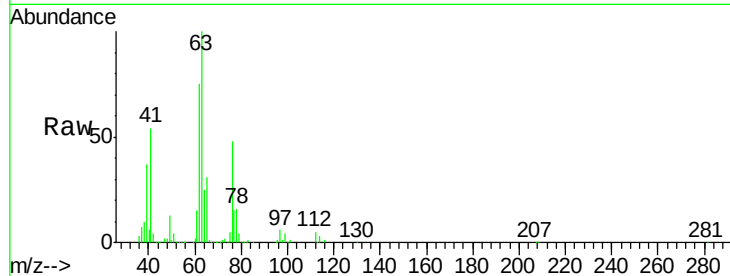




#45
 1,2-Dichloropropane
 Concen: 48.67 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

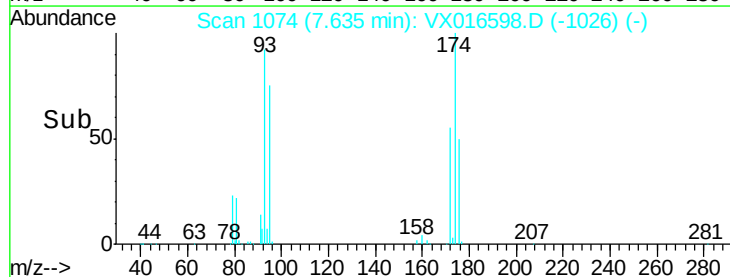
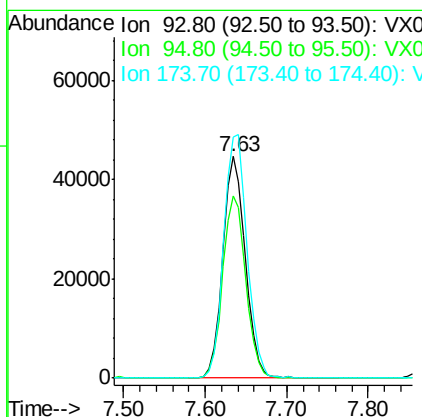
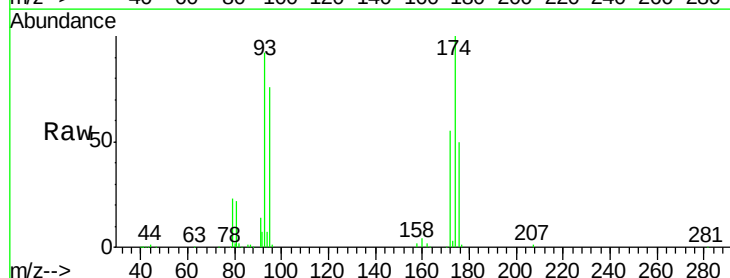
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

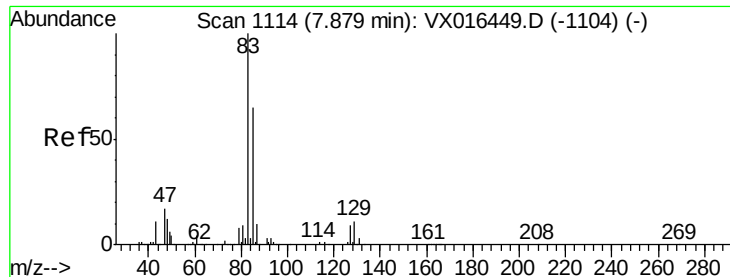
Tgt Ion: 63 Resp: 124586
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.2 36.2



#46
 Dibromomethane
 Concen: 49.74 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Tgt Ion: 93 Resp: 85520
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.6 100.0
 174 113.2 86.2 129.4





#47

Bromodichloromethane

Concen: 52.26 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

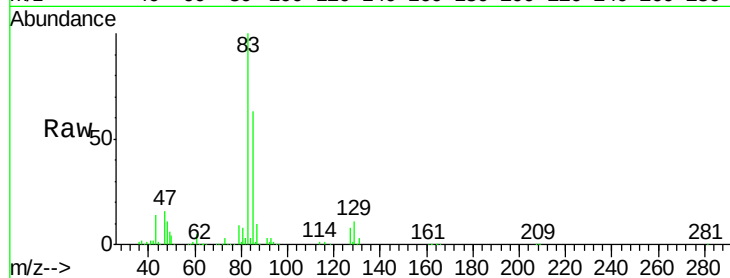
Tgt Ion: 83 Resp: 186056

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0

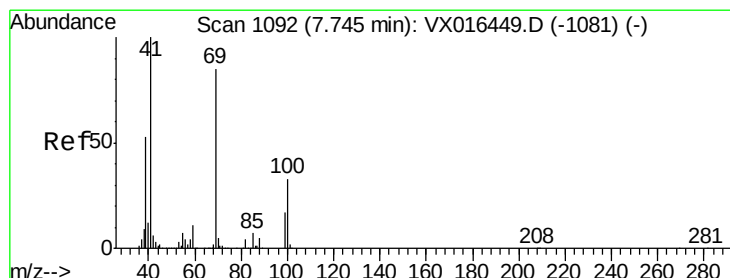
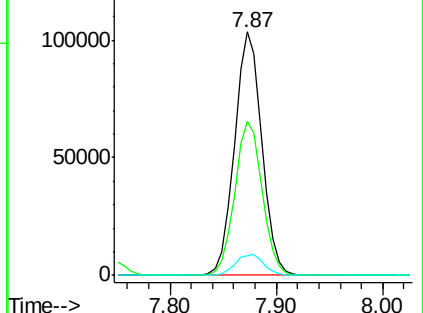
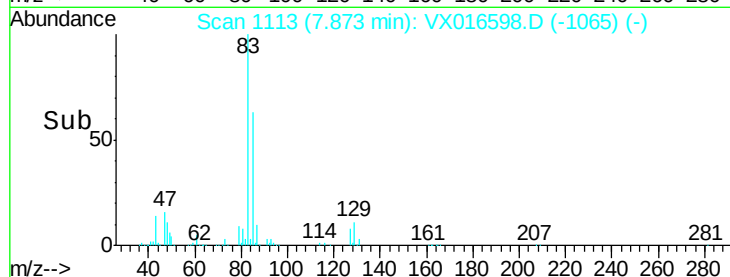
127 8.2 7.4 11.0



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: 45.75 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

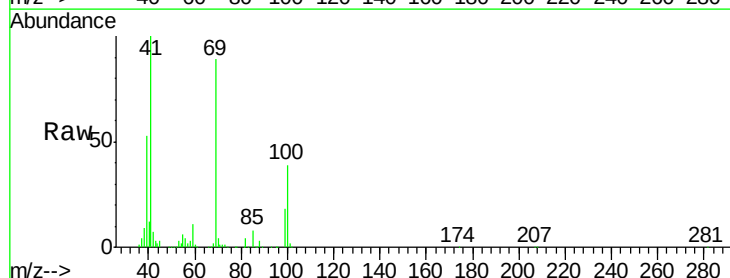
Tgt Ion: 41 Resp: 138499

Ion Ratio Lower Upper

41 100

69 89.8 68.6 102.8

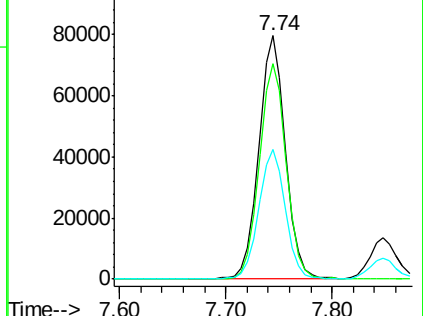
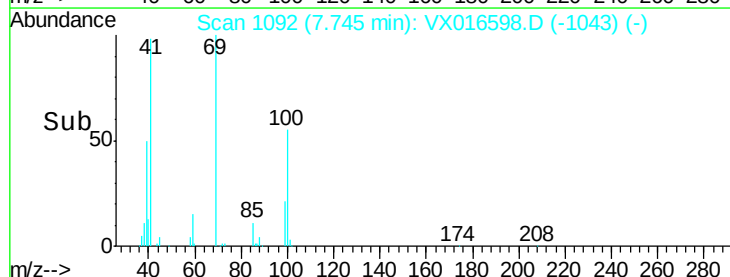
39 53.8 42.4 63.6

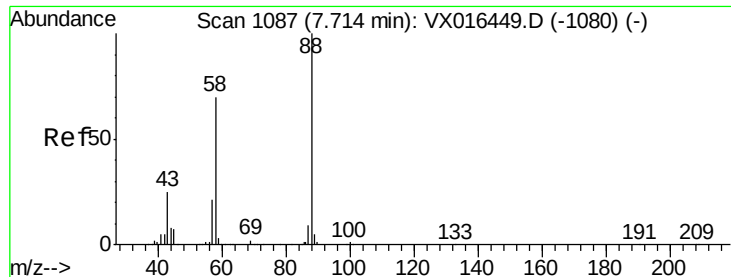


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 944.05 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

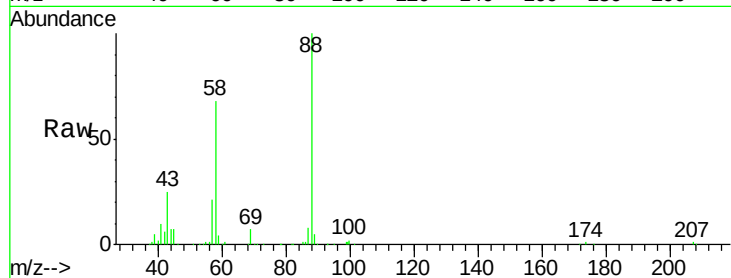
Tgt Ion: 88 Resp: 66887

Ion Ratio Lower Upper

88 100

43 29.1 24.2 36.4

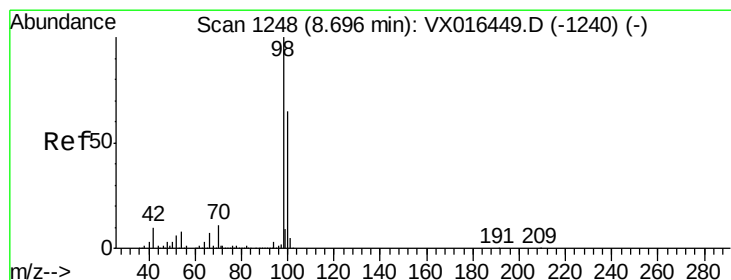
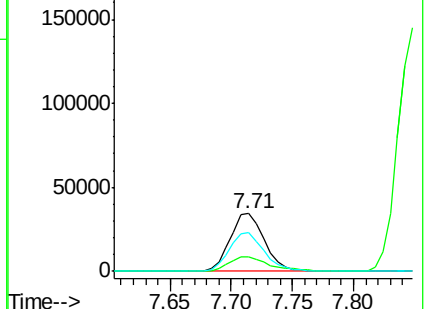
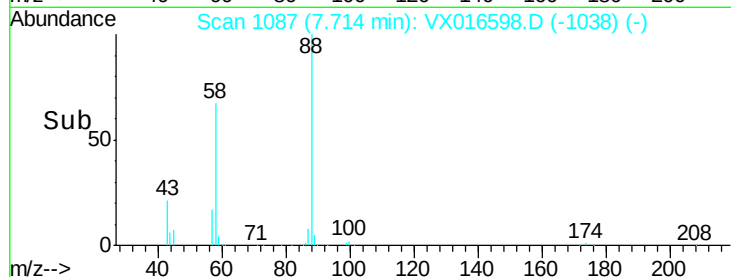
58 67.9 56.5 84.7



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: 50.77 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016598.D

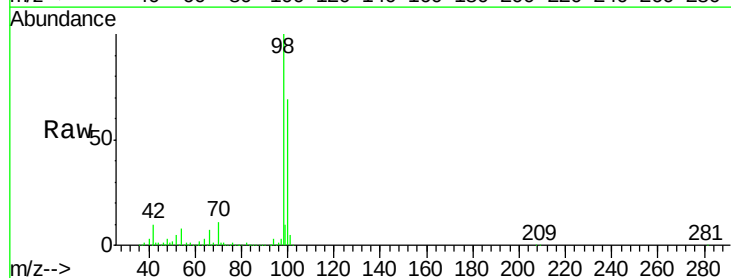
Acq: 05 Jun 2020 09:46

Tgt Ion: 98 Resp: 433950

Ion Ratio Lower Upper

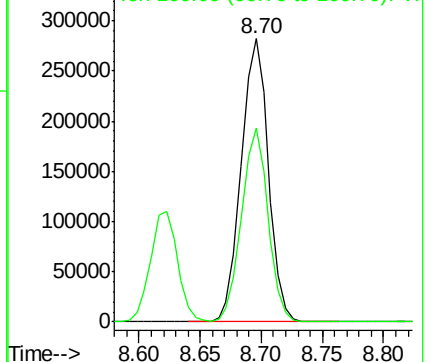
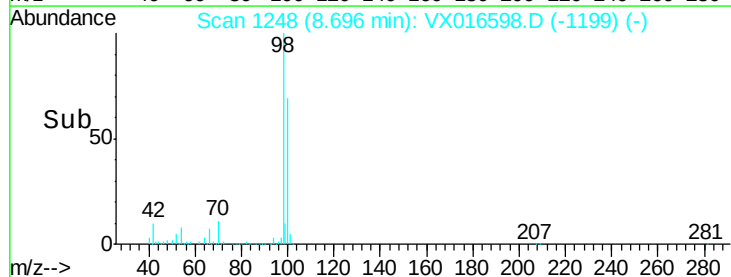
98 100

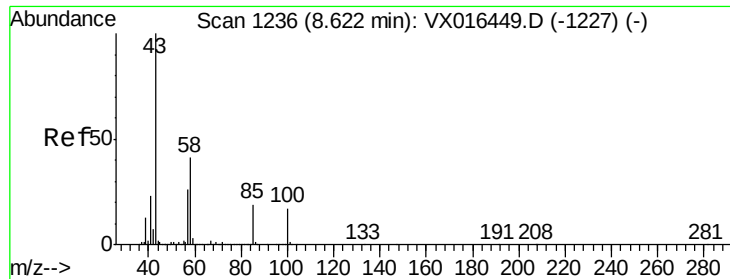
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

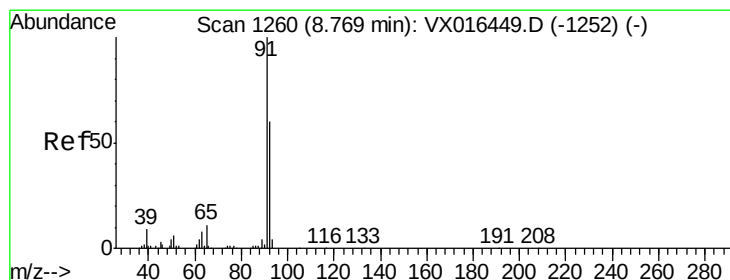
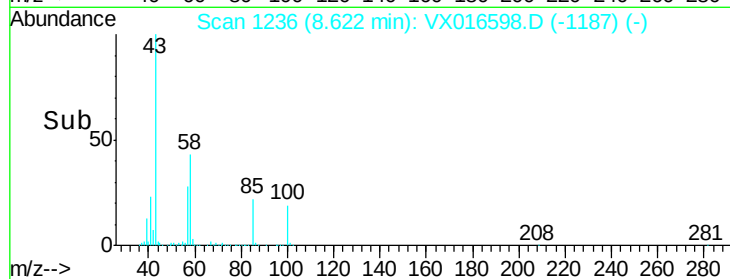
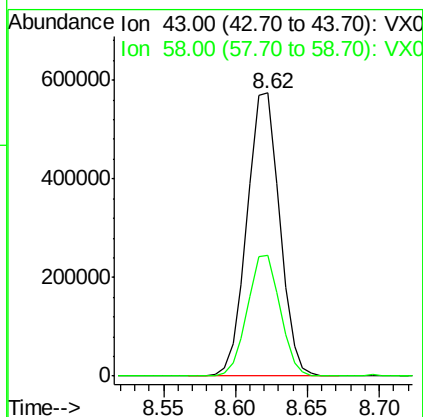
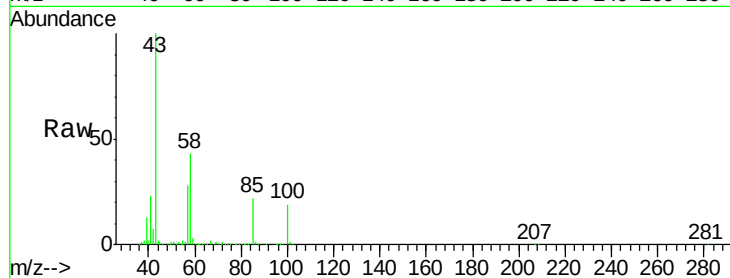




#51
 4-Methyl-2-Pentanone
 Concen: 228.79 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

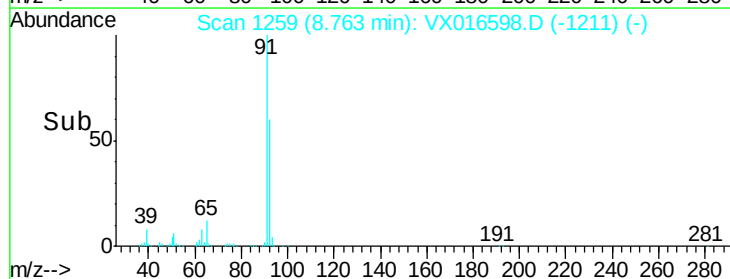
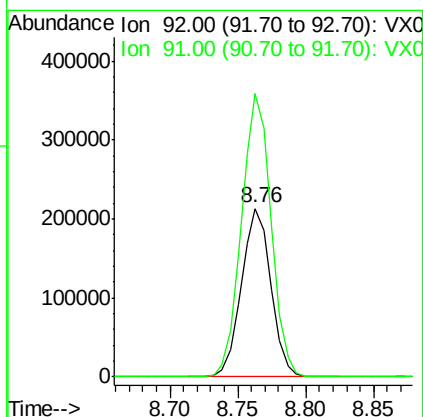
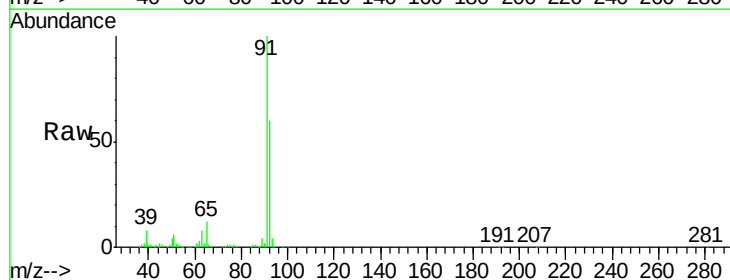
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

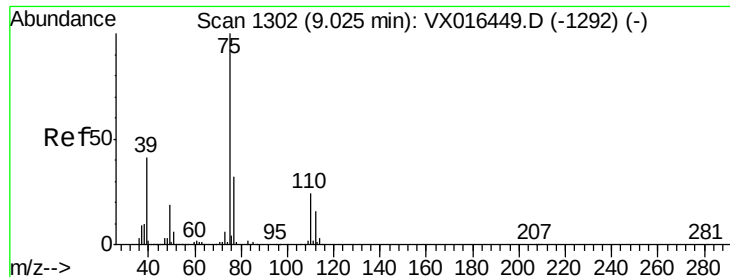
Tgt Ion: 43 Resp: 900768
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.0 49.6



#52
 Toluene
 Concen: 50.78 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Tgt Ion: 92 Resp: 322001
 Ion Ratio Lower Upper
 92 100
 91 169.0 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.68 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

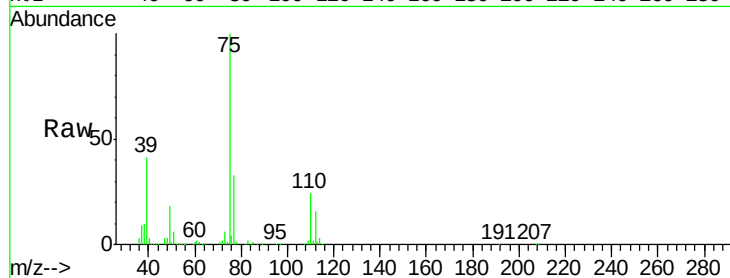
VSTDCCC050

Tgt Ion: 75 Resp: 209206

Ion Ratio Lower Upper

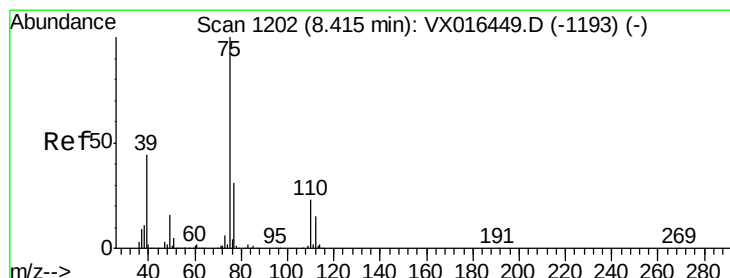
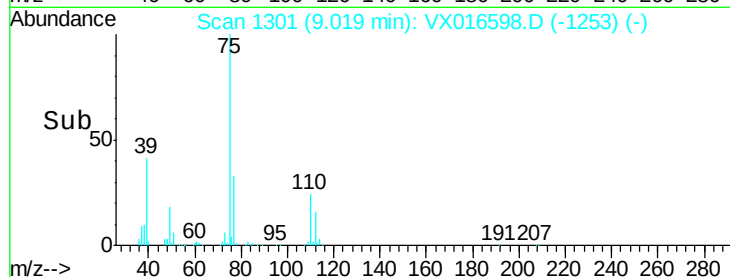
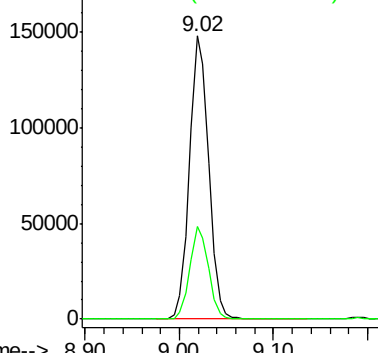
75 100

77 32.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.07 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

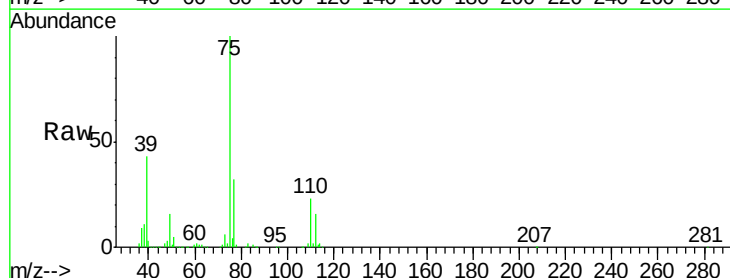
Tgt Ion: 75 Resp: 218838

Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

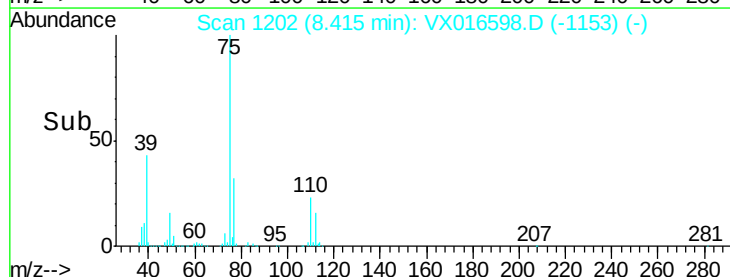
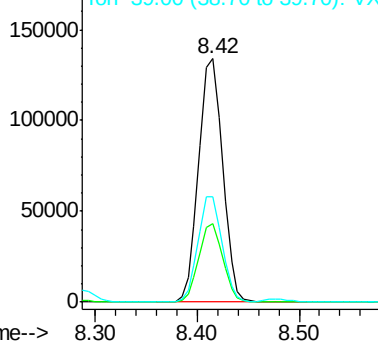
39 43.1 35.3 52.9

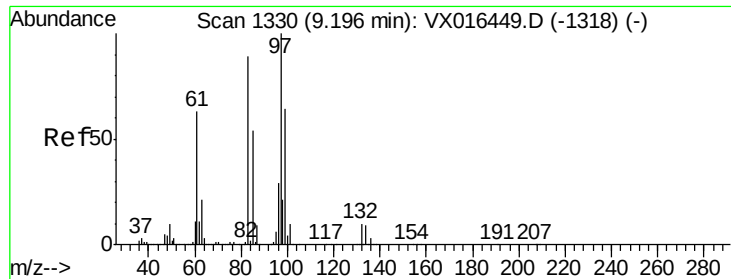


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

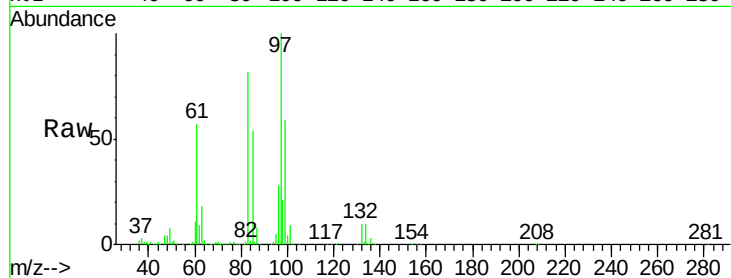




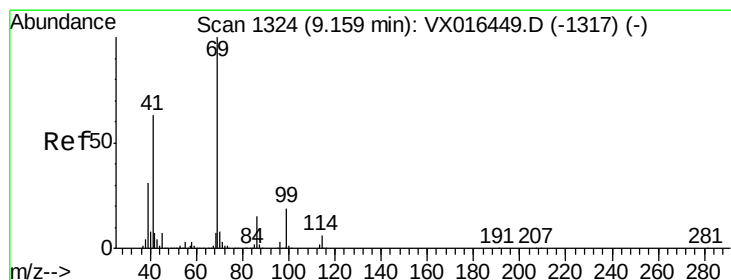
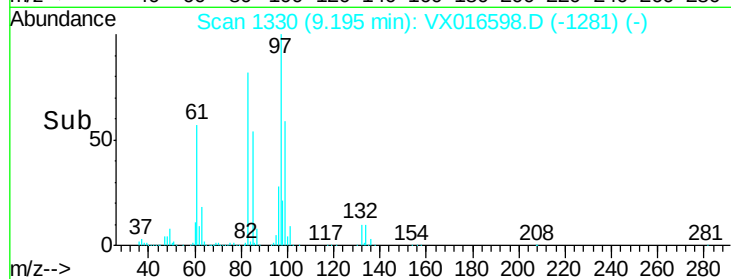
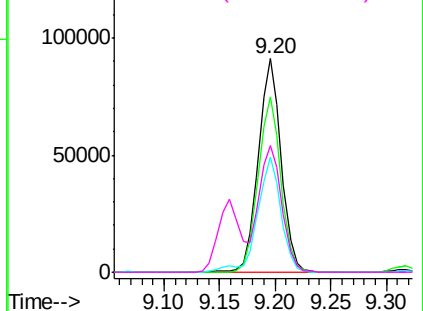
#55
 1,1,2-Trichloroethane
 Concen: 52.15 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	131474
Ion	Ratio	Lower	Upper
97	100		
83	82.1	70.9	106.3
85	54.0	43.4	65.2
99	59.4	51.0	76.6

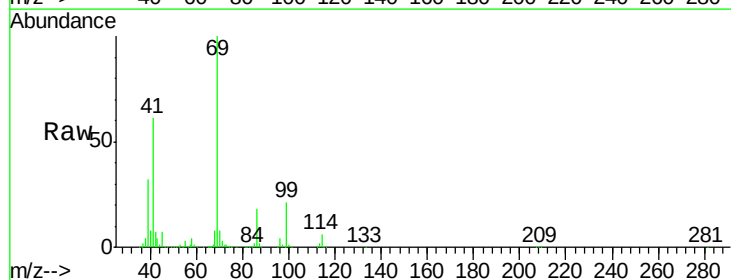


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

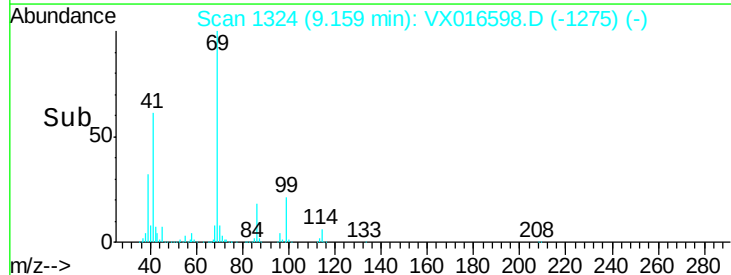
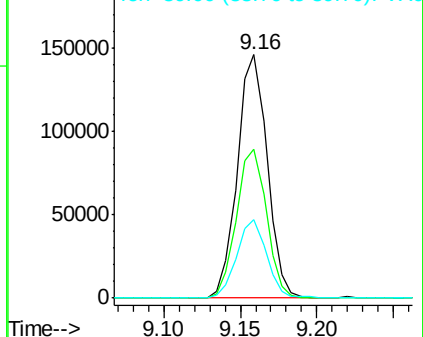


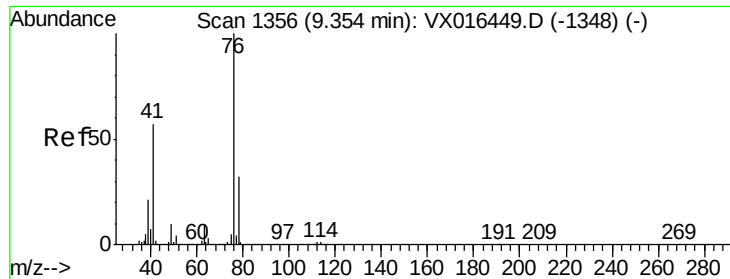
#56
 Ethyl methacrylate
 Concen: 48.26 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Tgt Ion:	69	Resp:	198129
Ion	Ratio	Lower	Upper
69	100		
41	62.2	50.7	76.1
39	32.5	25.8	38.6



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





#57

1,3-Dichloropropane

Concen: 50.34 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

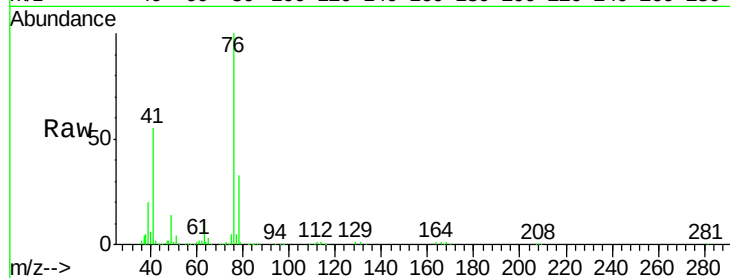
VSTDCCC050

Tgt Ion: 76 Resp: 217824

Ion Ratio Lower Upper

76 100

78 32.6 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

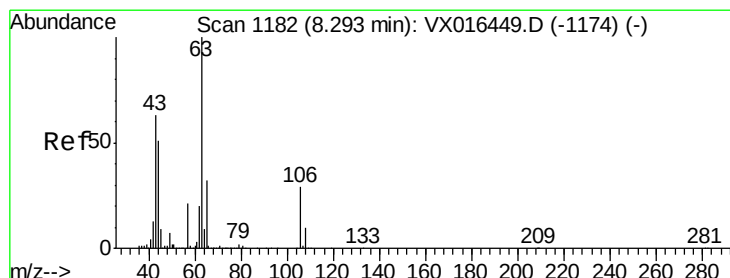
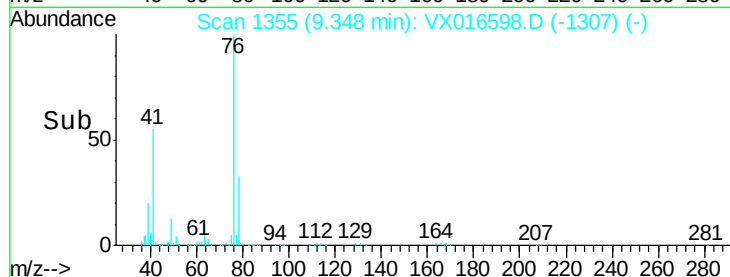
100000

50000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 247.49 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016598.D

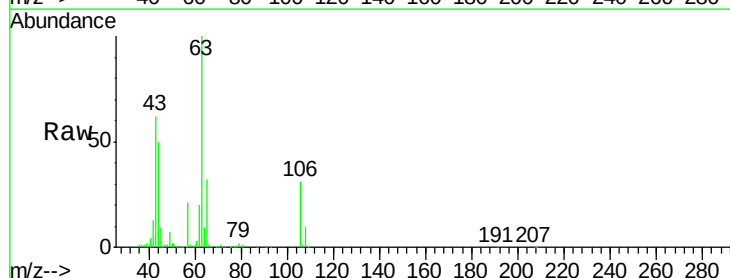
Acq: 05 Jun 2020 09:46

Tgt Ion: 63 Resp: 530394

Ion Ratio Lower Upper

63 100

106 31.2 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

400000

300000

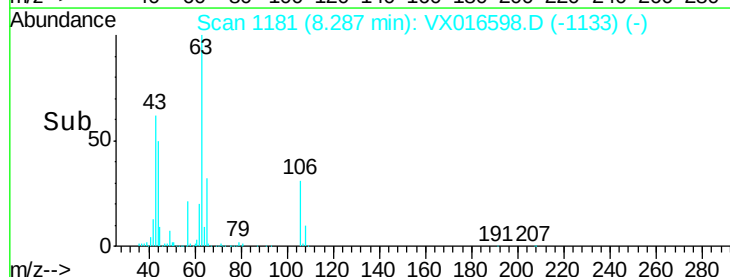
200000

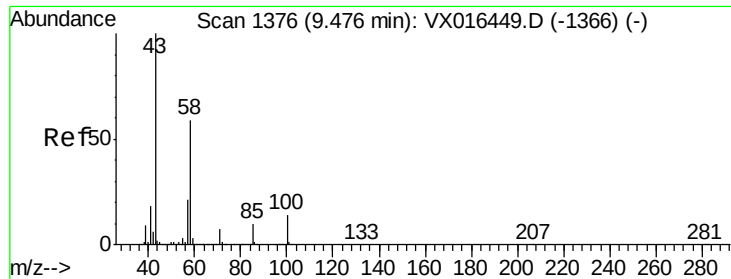
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

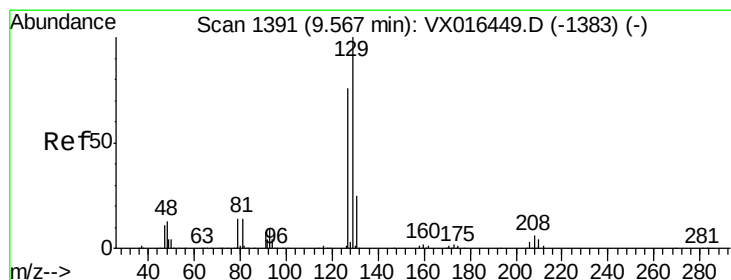
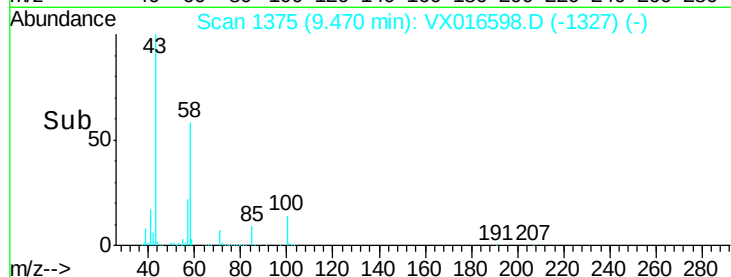
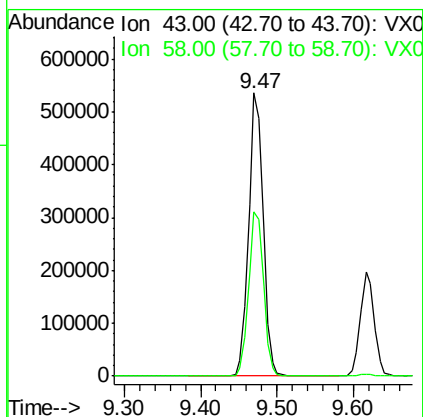
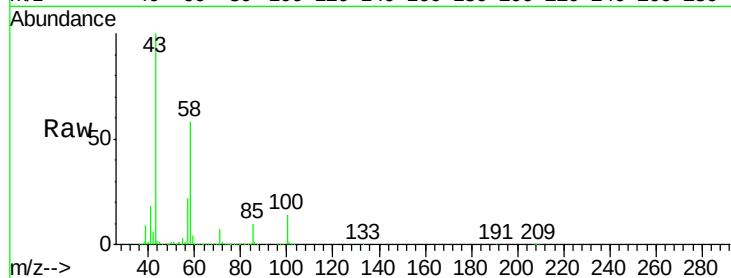




#59
2-Hexanone
Concen: 231.00 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

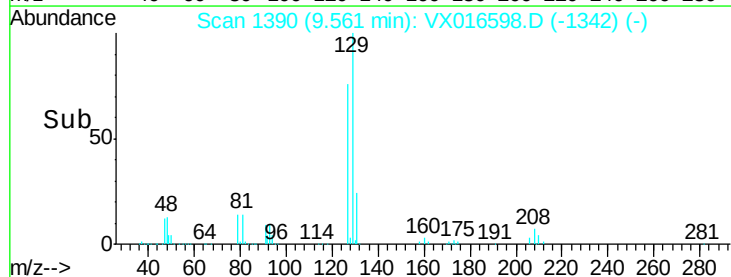
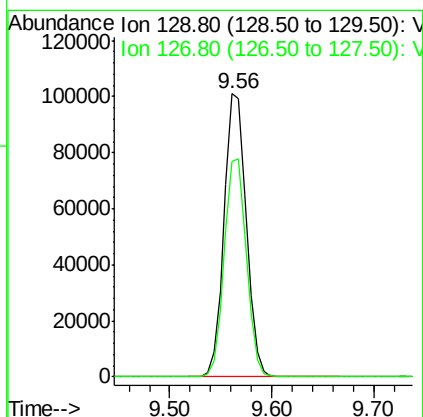
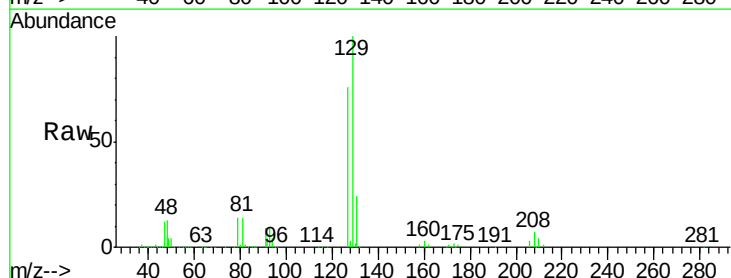
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

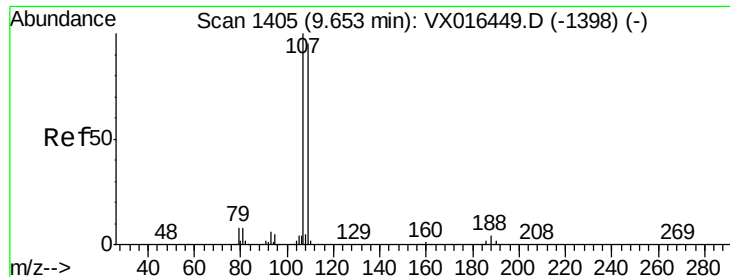
Tgt Ion: 43 Resp: 707248
Ion Ratio Lower Upper
43 100
58 59.6 28.8 86.4



#60
Dibromochloromethane
Concen: 53.72 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 129 Resp: 152414
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.29 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

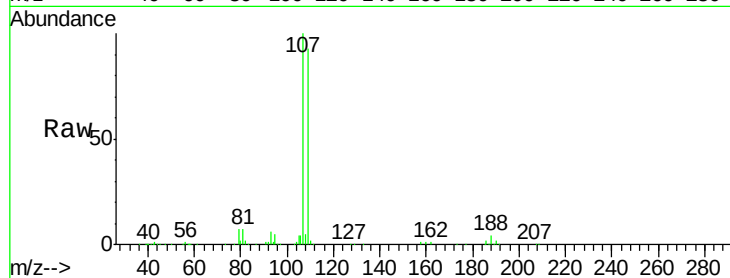
VSTDCCC050

Tgt Ion: 107 Resp: 138463

Ion Ratio Lower Upper

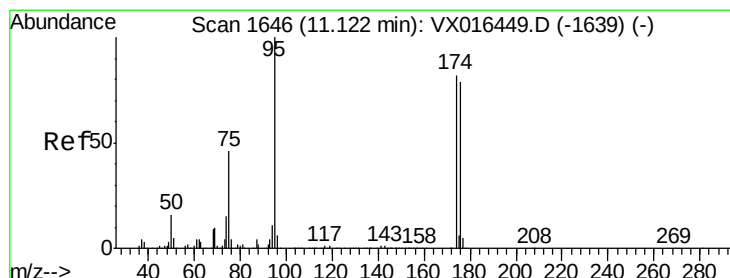
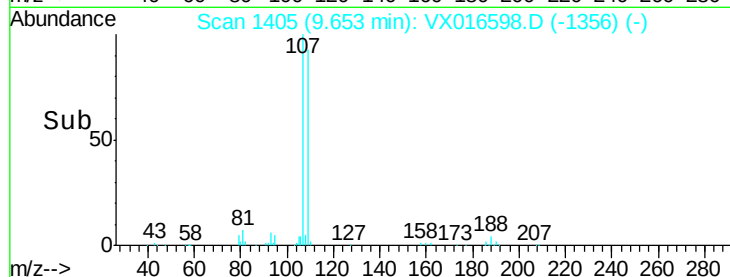
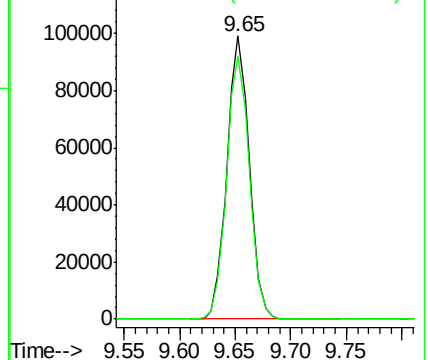
107 100

109 95.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.06 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

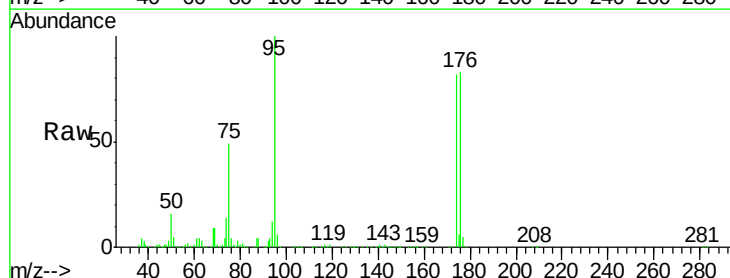
Tgt Ion: 95 Resp: 165321

Ion Ratio Lower Upper

95 100

174 82.2 0.0 163.0

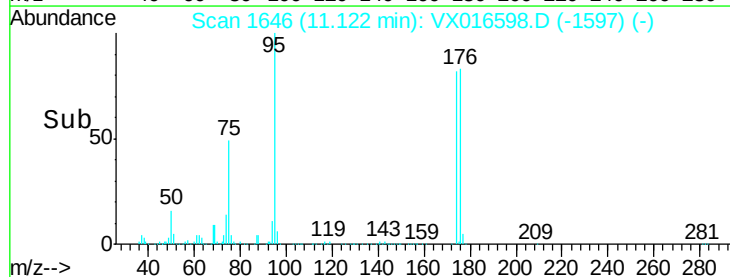
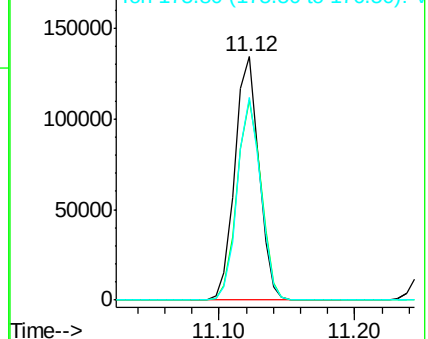
176 81.0 0.0 156.8

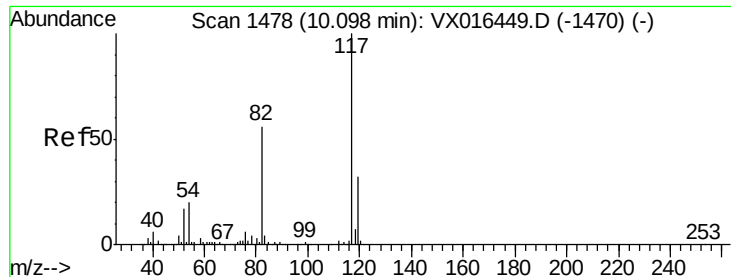


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

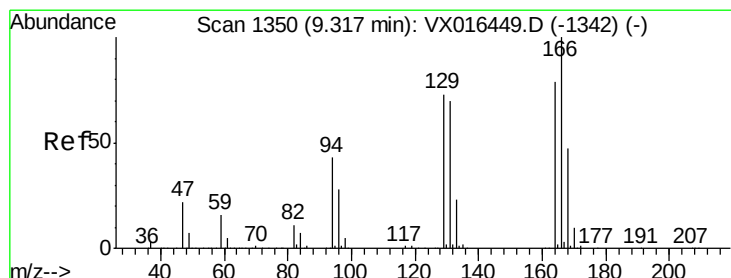
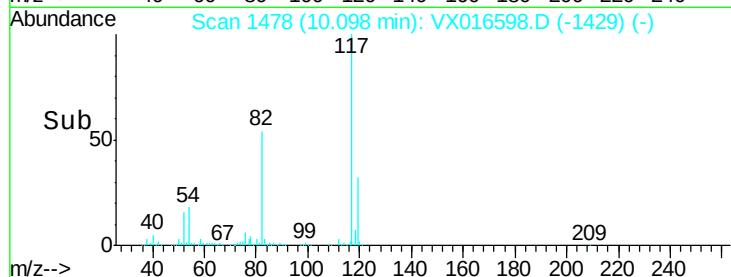
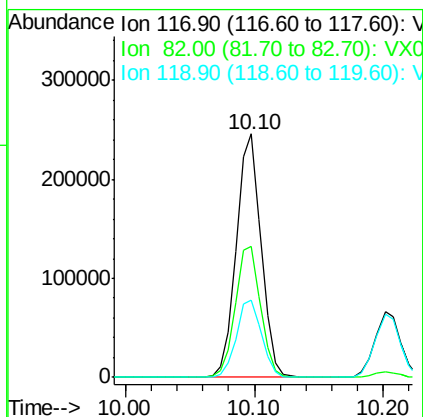
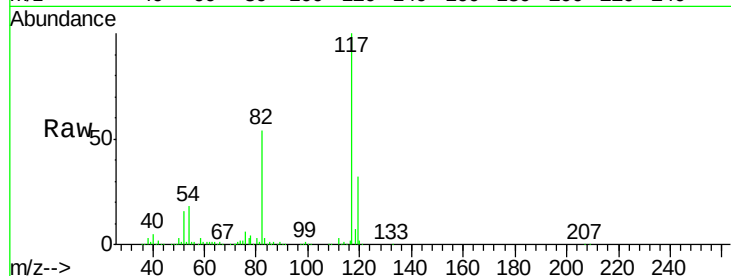




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

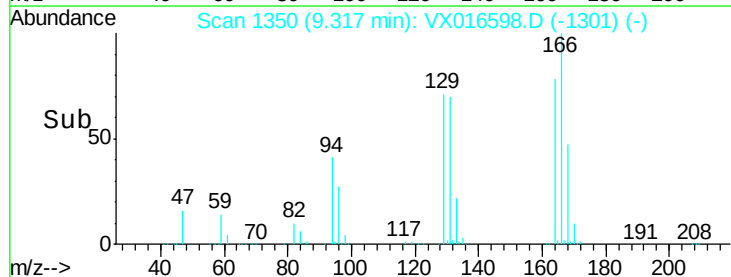
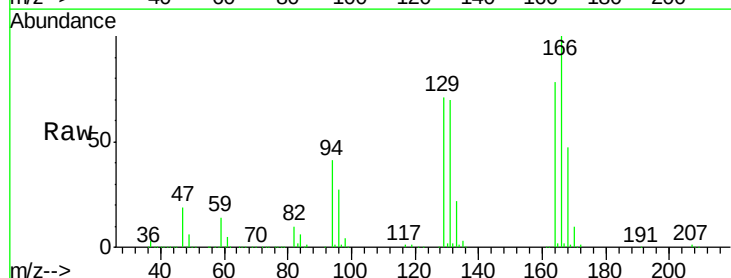
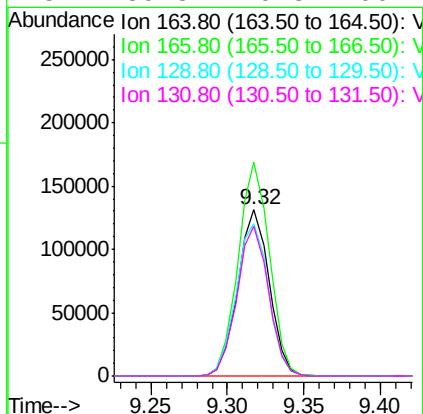
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

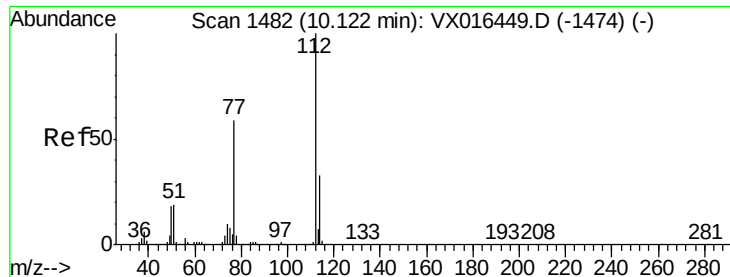
Tgt Ion:117 Resp: 328581
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 51.15 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion:164 Resp: 188035
Ion Ratio Lower Upper
164 100
166 128.5 100.9 151.3
129 91.3 73.2 109.8
131 89.8 70.8 106.2





#65

Chlorobenzene

Concen: 51.80 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

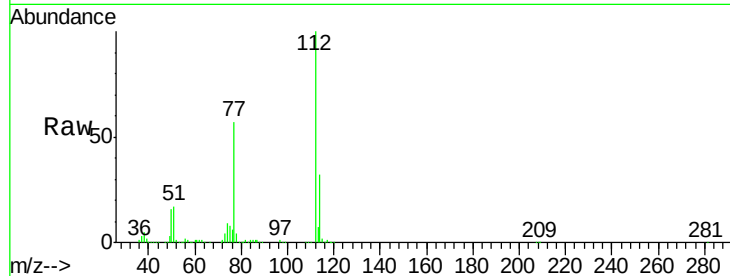
VSTDCCC050

Tgt Ion:112 Resp: 347033

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

250000

200000

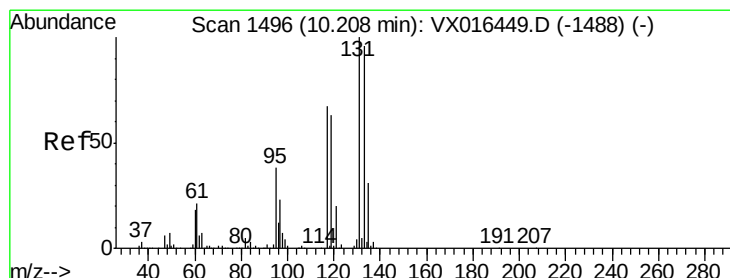
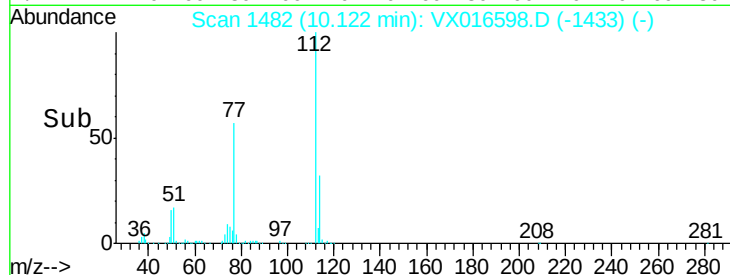
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 53.56 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

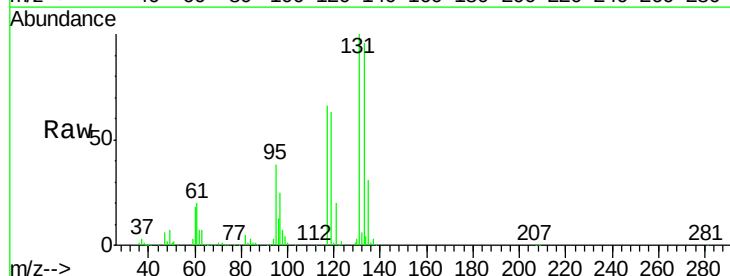
Tgt Ion:131 Resp: 136970

Ion Ratio Lower Upper

131 100

133 96.1 48.4 145.3

119 63.4 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

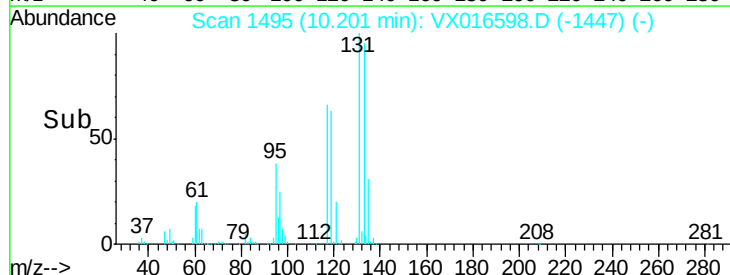
10.20

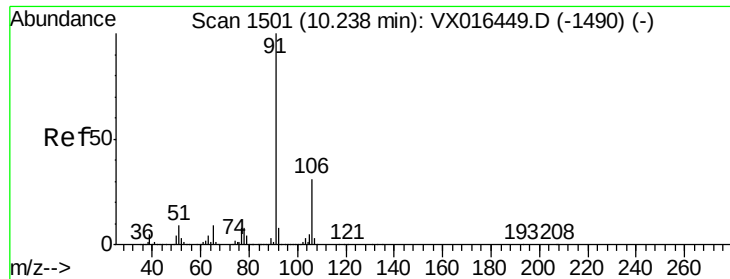
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 51.59 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

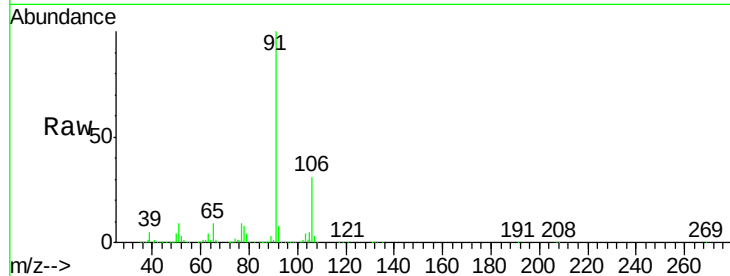
VSTDCCC050

Tgt Ion: 91 Resp: 615288

Ion Ratio Lower Upper

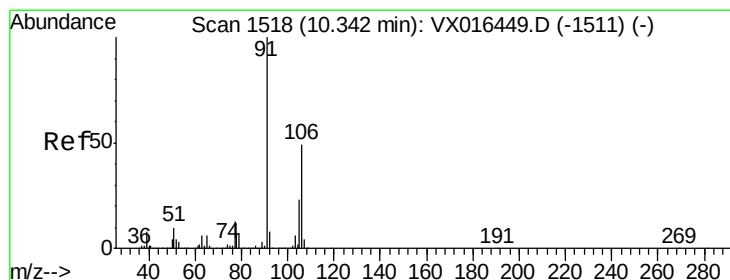
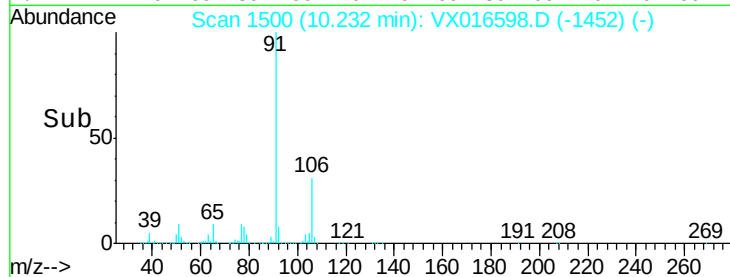
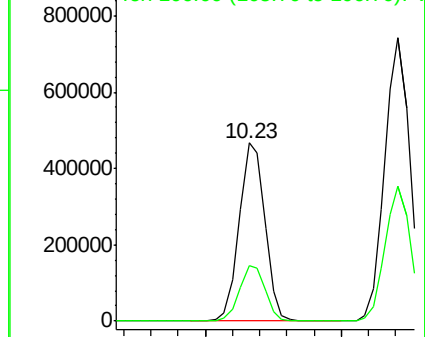
91 100

106 31.1 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.19 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016598.D

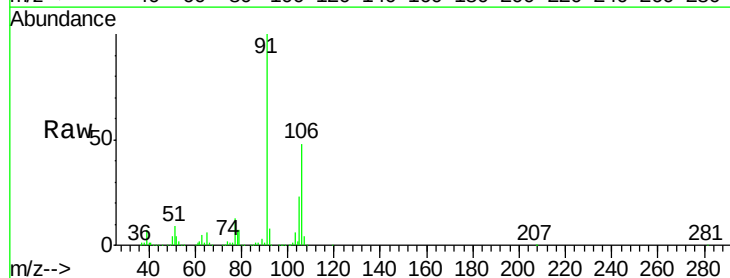
Acq: 05 Jun 2020 09:46

Tgt Ion: 106 Resp: 465168

Ion Ratio Lower Upper

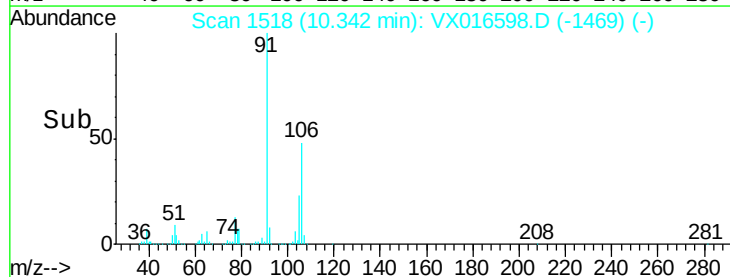
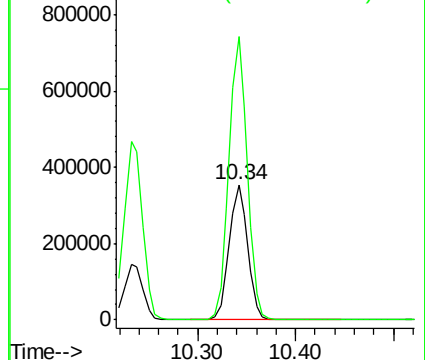
106 100

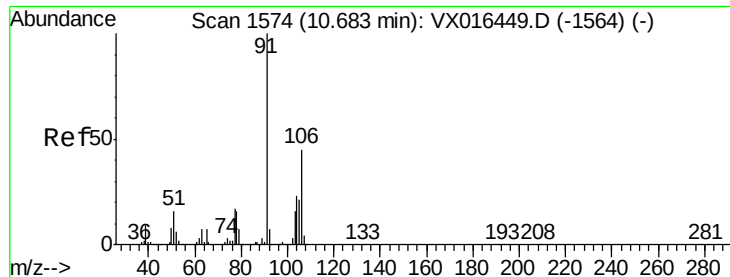
91 207.6 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

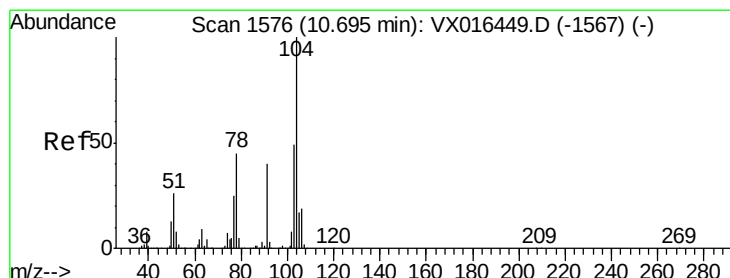
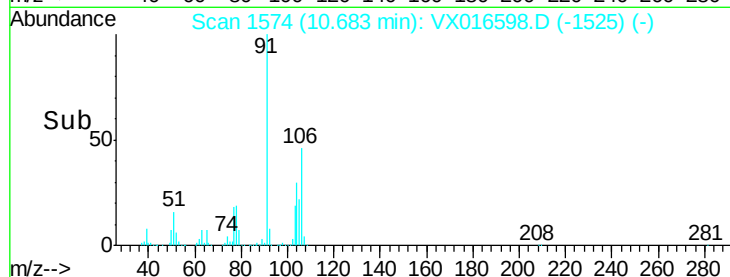
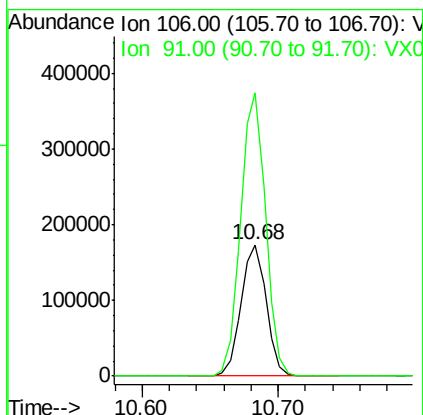
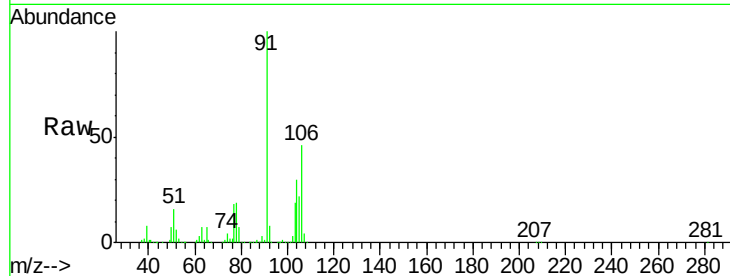




#69
o-Xylene
Concen: 52.14 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

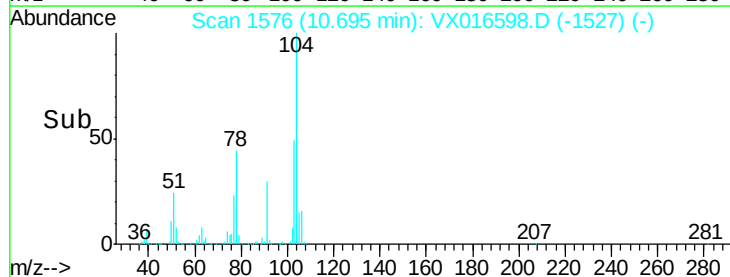
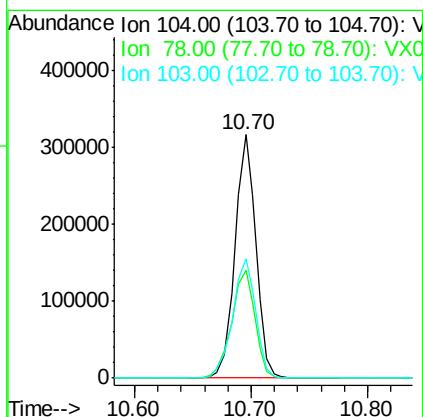
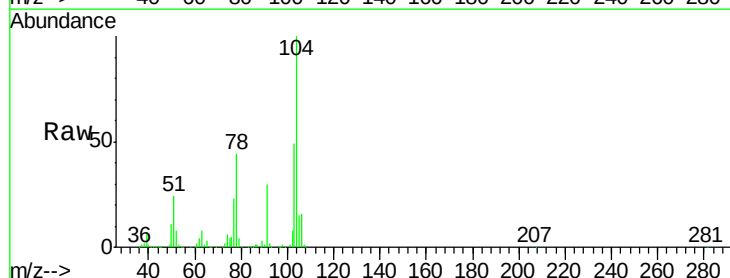
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

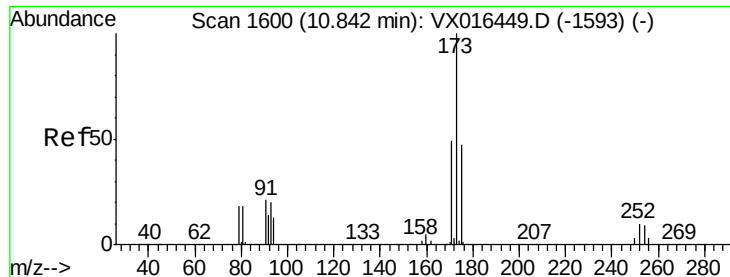
Tgt Ion:106 Resp: 223289
Ion Ratio Lower Upper
106 100
91 214.1 109.6 328.8



#70
Styrene
Concen: 53.79 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion:104 Resp: 395978
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.2
103 54.1 43.1 64.7





#71

Bromoform

Concen: 55.50 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

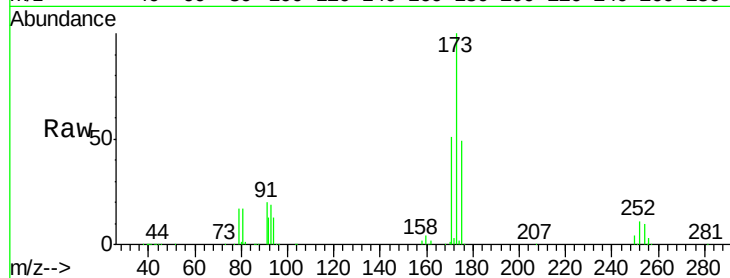
Tgt Ion:173 Resp: 119941

Ion Ratio Lower Upper

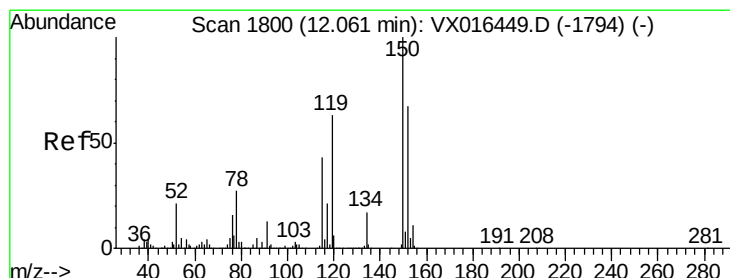
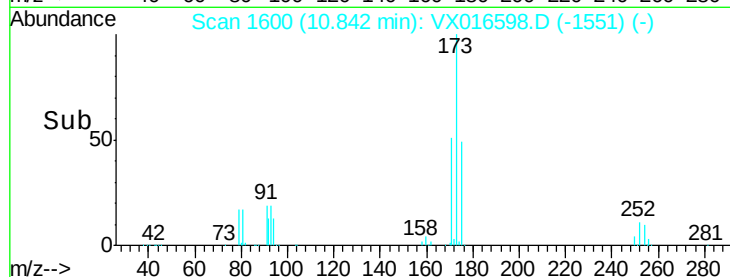
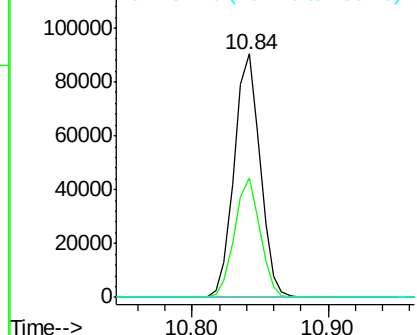
173 100

175 48.6 23.9 71.7

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

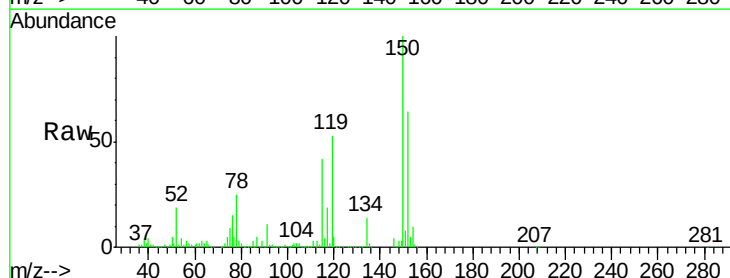
Tgt Ion:152 Resp: 168961

Ion Ratio Lower Upper

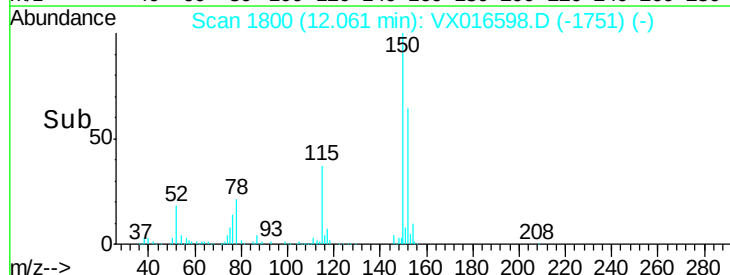
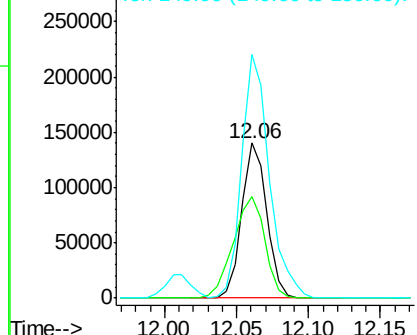
152 100

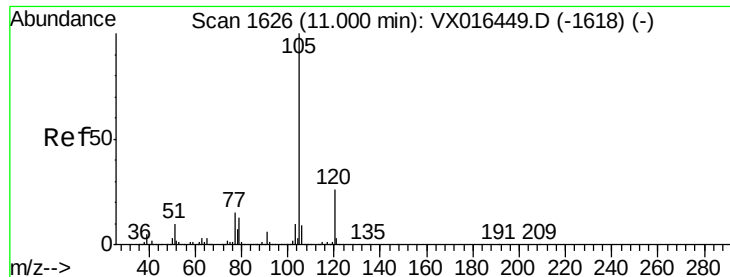
115 82.6 39.9 119.6

150 173.5 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: 51.61 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

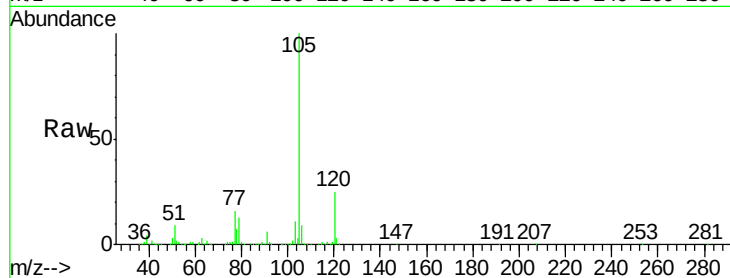
VSTDCCC050

Tgt Ion:105 Resp: 604147

Ion Ratio Lower Upper

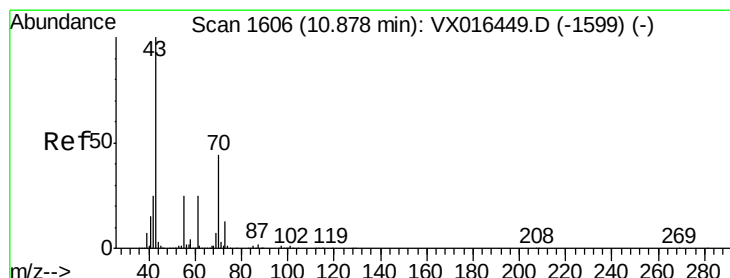
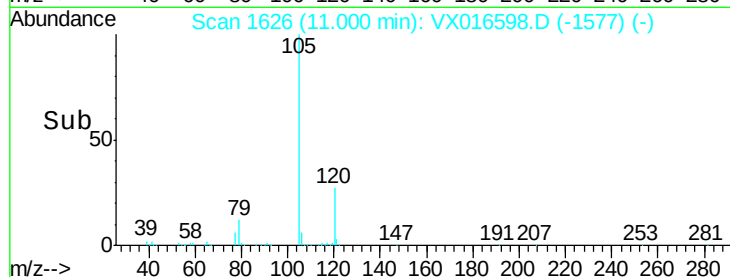
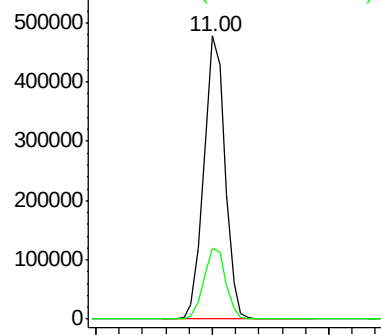
105 100

120 26.0 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: 44.96 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Tgt Ion: 43 Resp: 242091

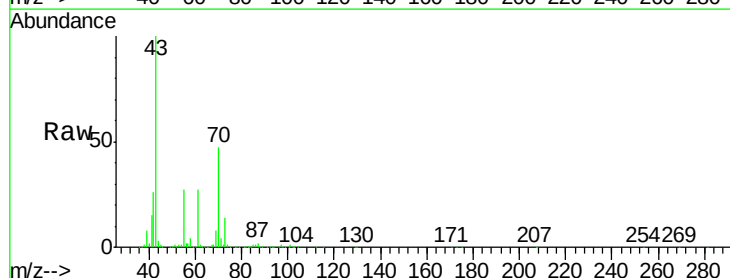
Ion Ratio Lower Upper

43 100

70 48.2 36.1 54.1

55 26.7 20.2 30.4

61 26.8 20.3 30.5

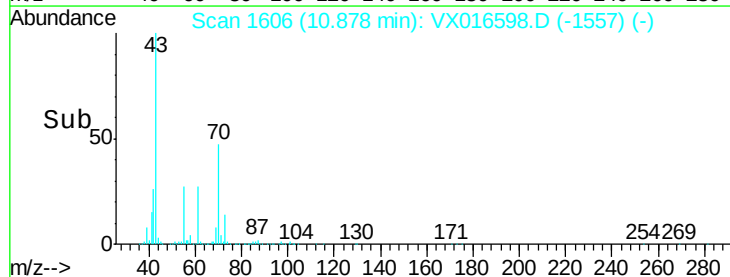
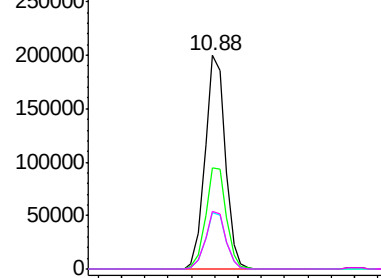


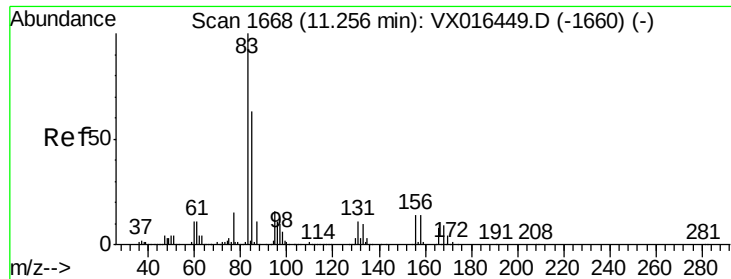
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.45 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

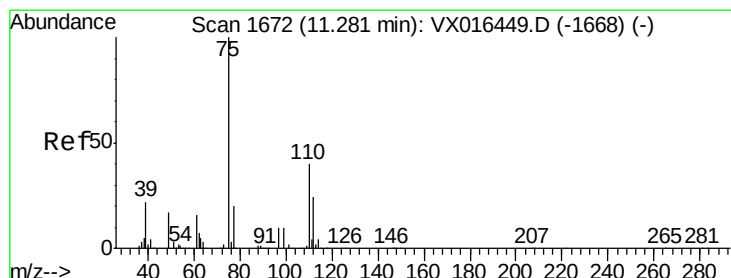
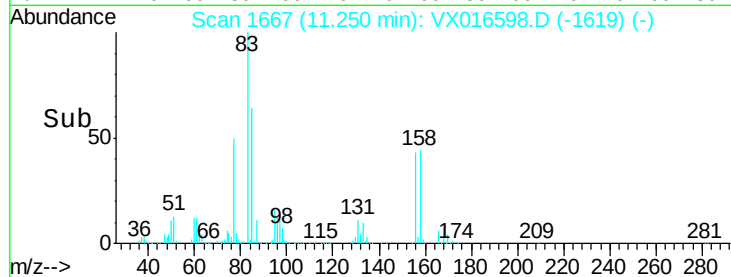
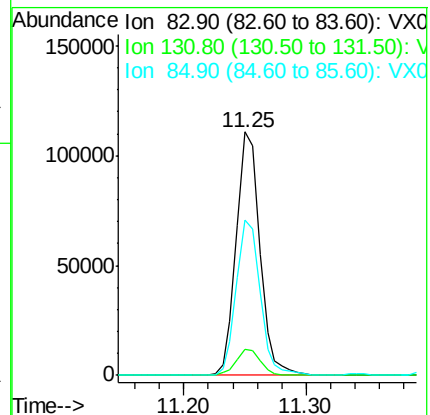
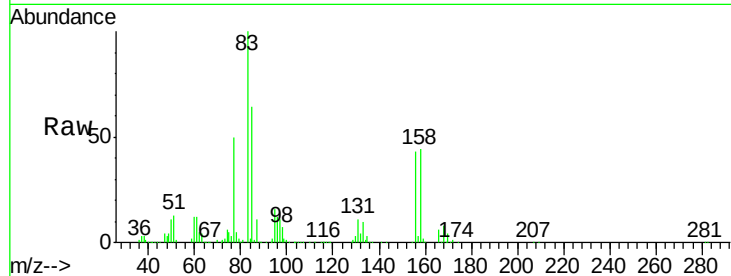
Tgt Ion: 83 Resp: 148023

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 65.26 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016598.D

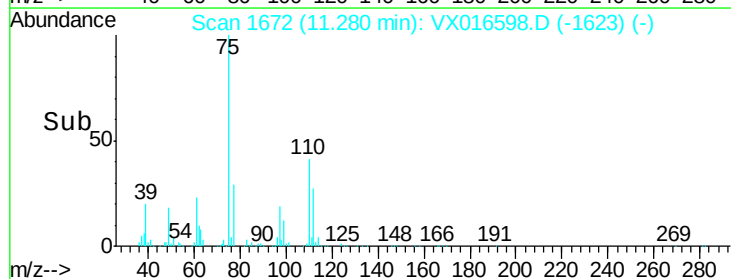
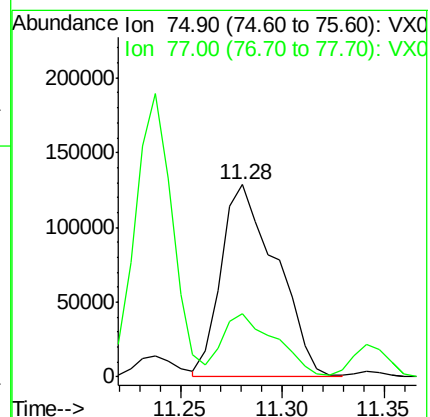
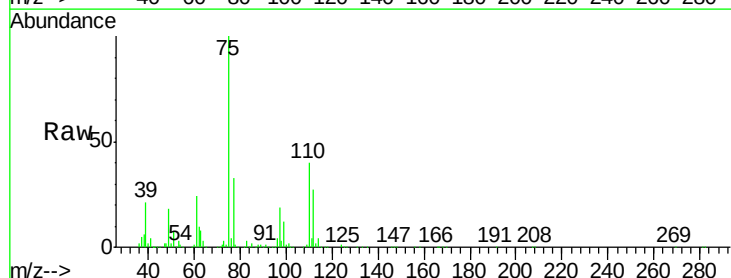
Acq: 05 Jun 2020 09:46

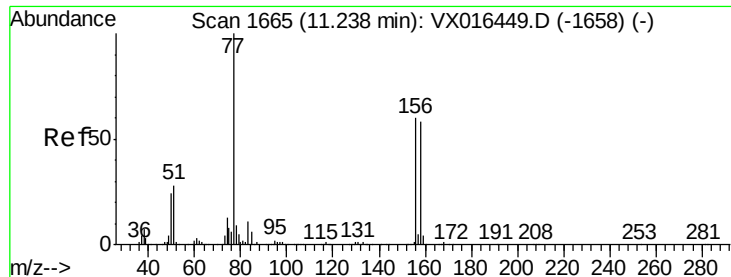
Tgt Ion: 75 Resp: 242376

Ion Ratio Lower Upper

75 100

77 31.5 21.3 63.7





#77

Bromobenzene

Concen: 50.95 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

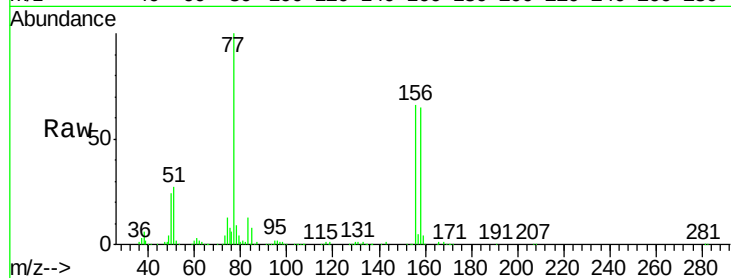
Tgt Ion:156 Resp: 156439

Ion Ratio Lower Upper

156 100

77 153.7 79.6 238.8

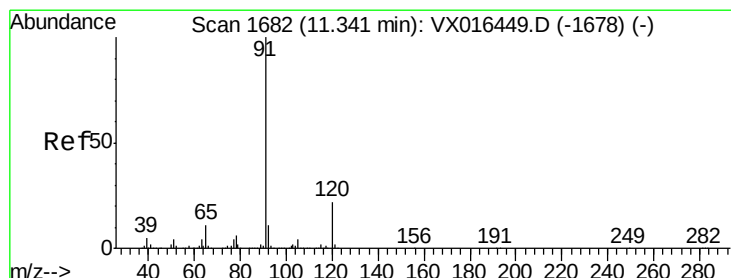
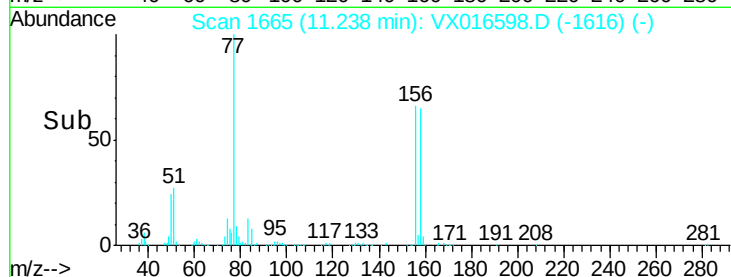
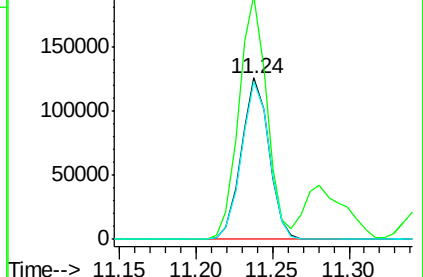
158 98.8 48.1 144.4



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: 51.31 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016598.D

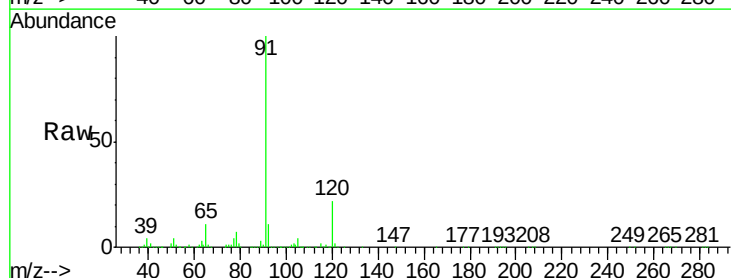
Acq: 05 Jun 2020 09:46

Tgt Ion: 91 Resp: 671140

Ion Ratio Lower Upper

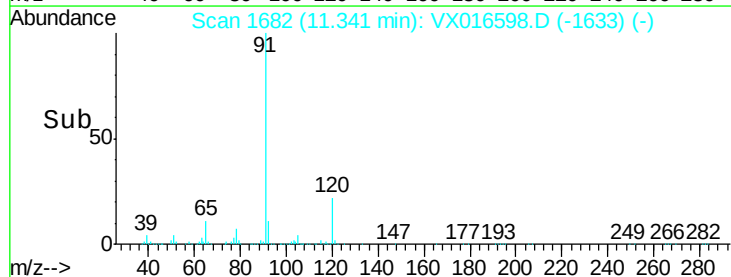
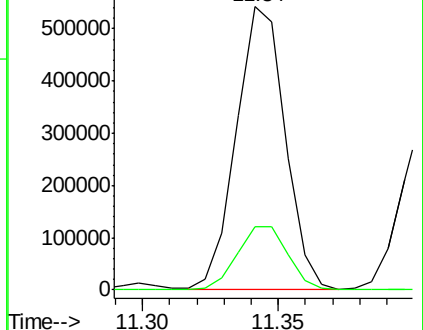
91 100

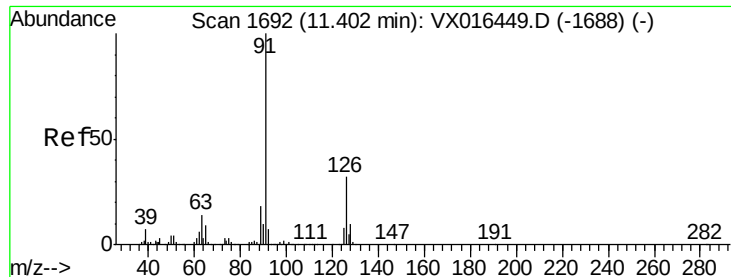
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.39 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

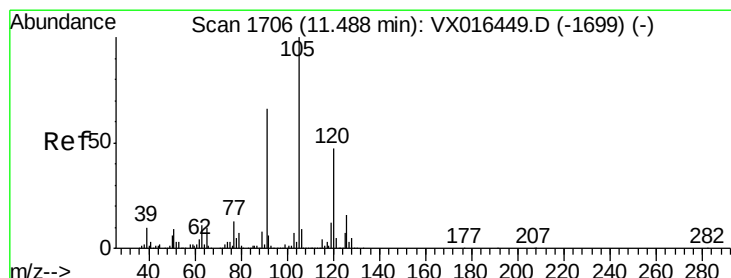
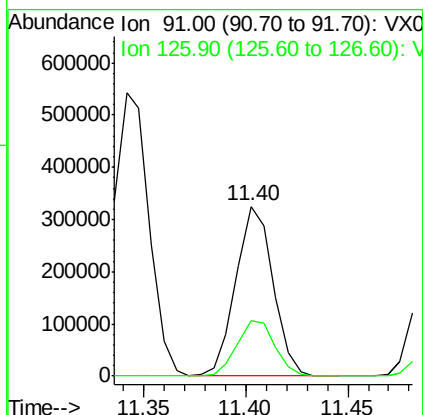
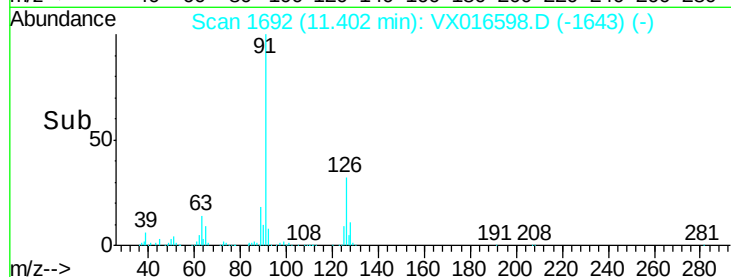
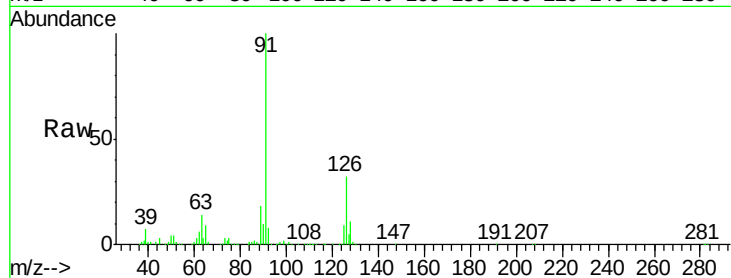
VSTDCCC050

Tgt Ion: 91 Resp: 410259

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 52.59 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016598.D

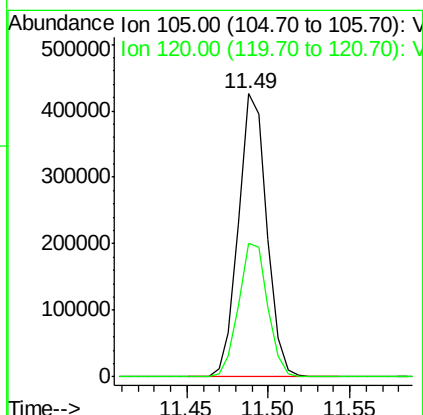
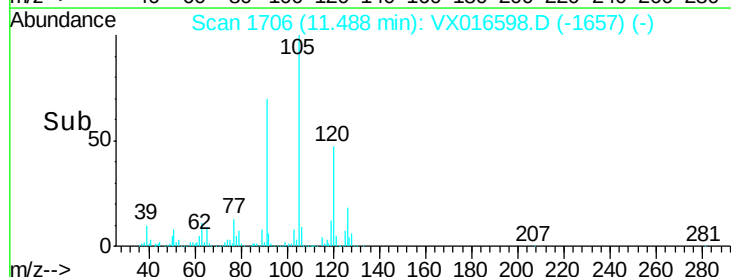
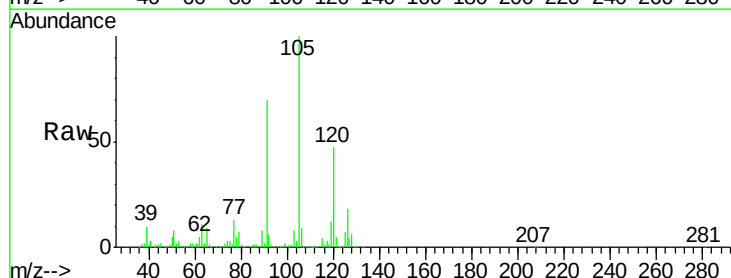
Acq: 05 Jun 2020 09:46

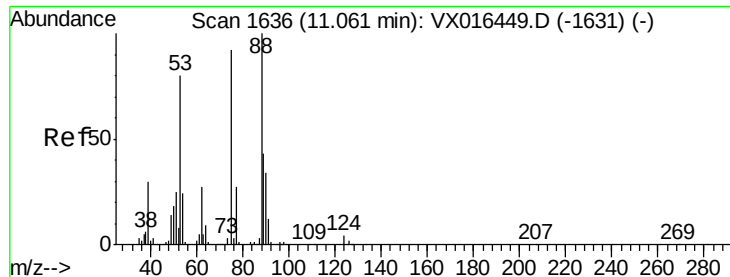
Tgt Ion: 105 Resp: 514103

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

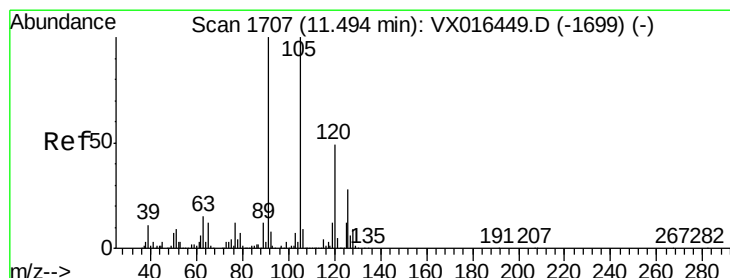
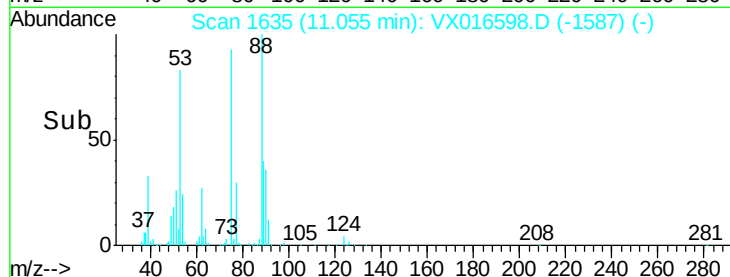
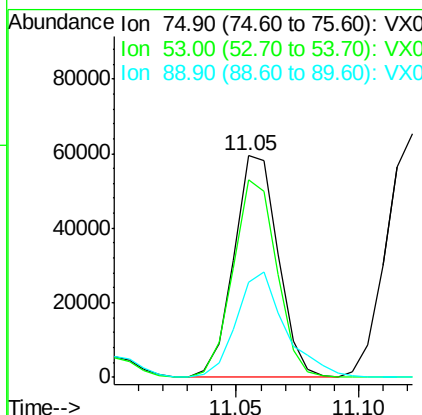
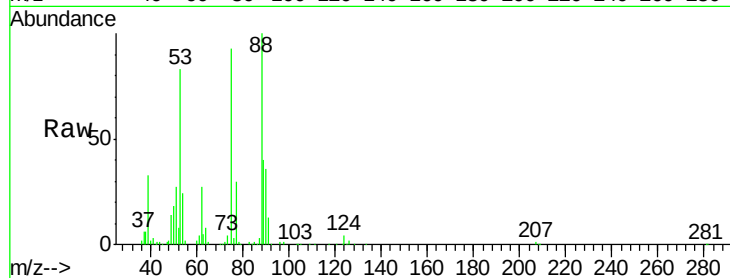




#81
trans-1,4-Dichloro-2-butene
Concen: 49.29 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

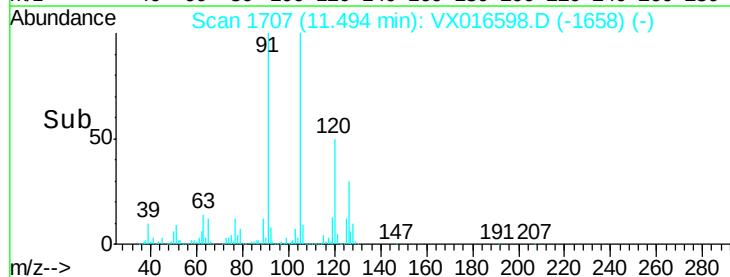
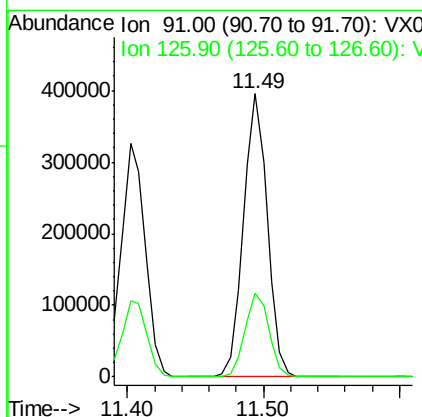
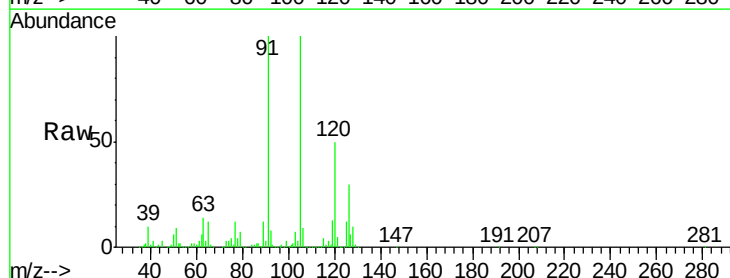
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

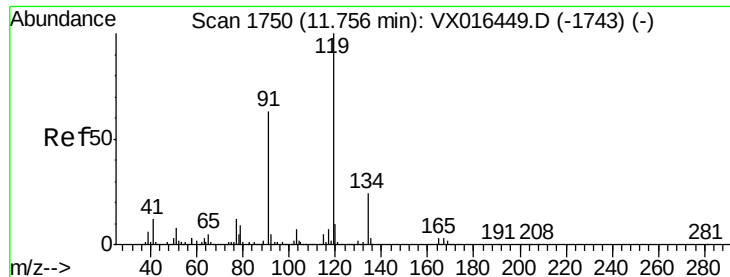
Tgt Ion: 75 Resp: 74410
Ion Ratio Lower Upper
75 100
53 88.6 71.3 106.9
89 52.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.19 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 91 Resp: 482609
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1

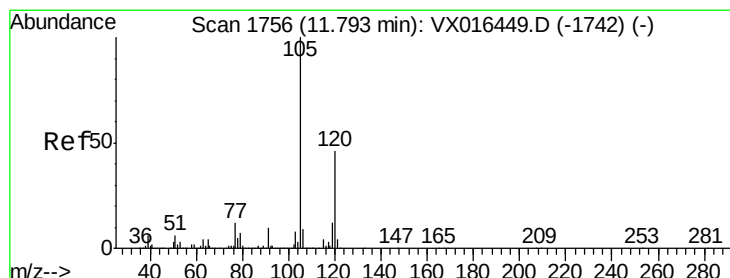
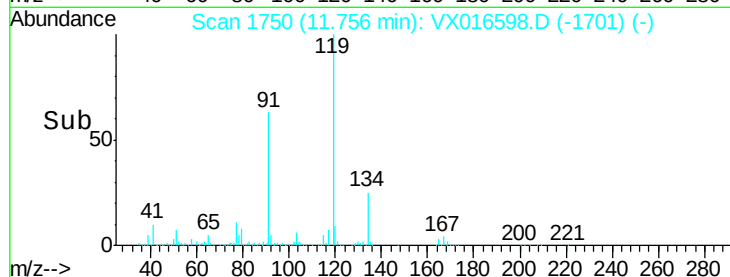
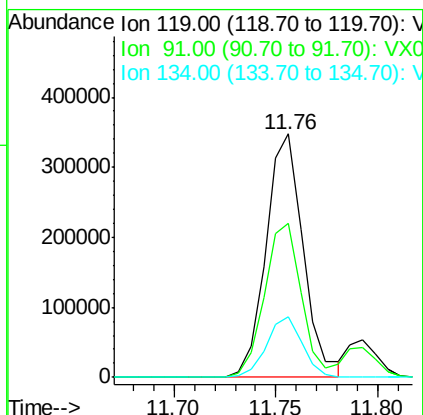
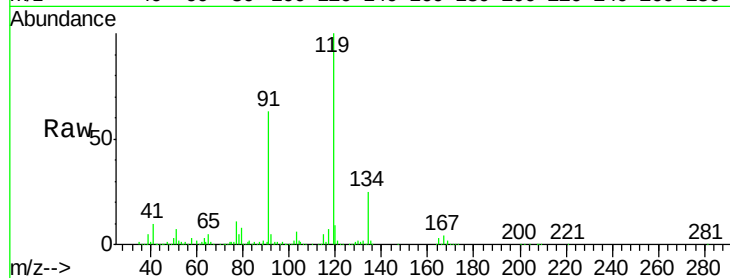




#83
 tert-Butylbenzene
 Concen: 52.85 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

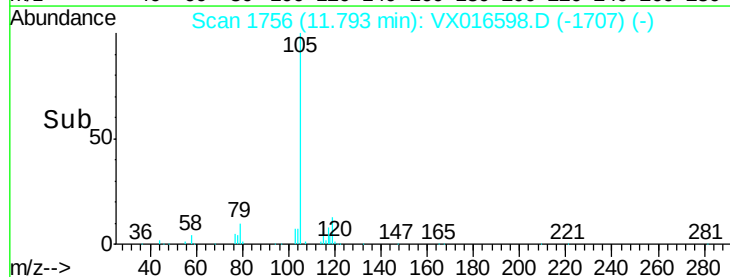
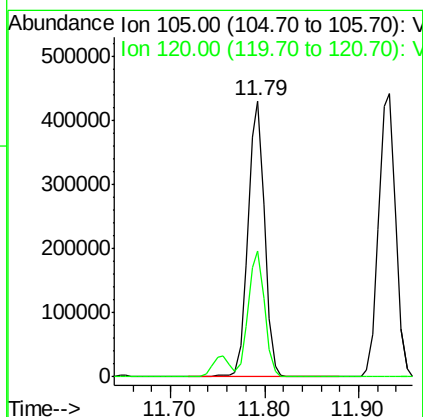
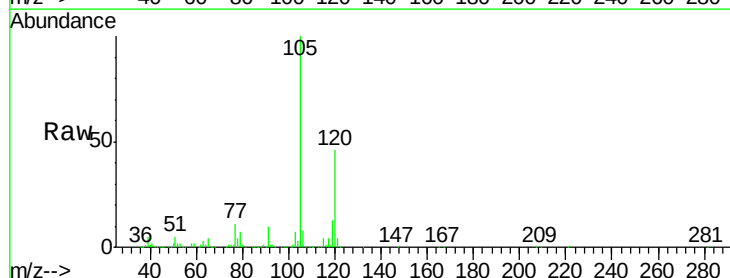
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

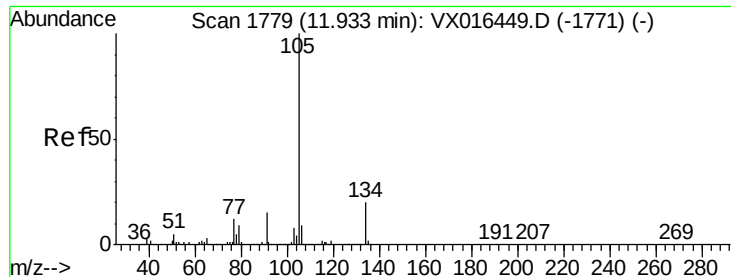
Tgt Ion:119 Resp: 441423
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.3 93.8
 134 23.7 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.67 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Tgt Ion:105 Resp: 520677
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.71 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

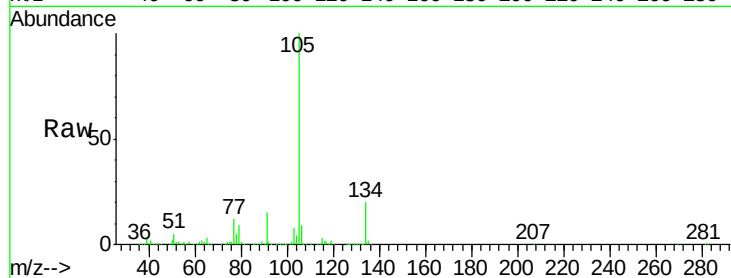
VSTDCCC050

Tgt Ion:105 Resp: 552259

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

500000

400000

300000

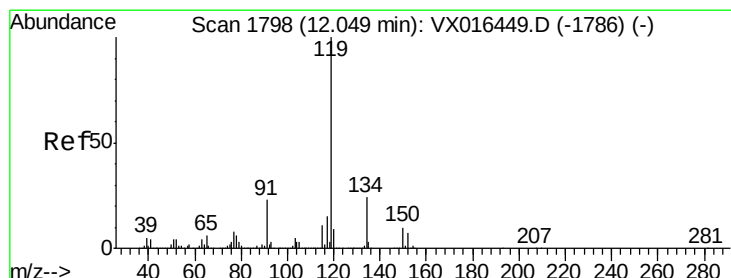
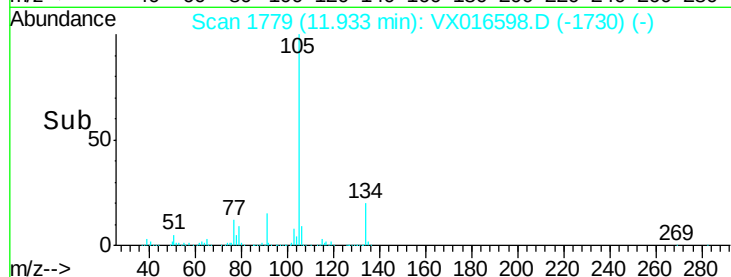
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 54.07 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

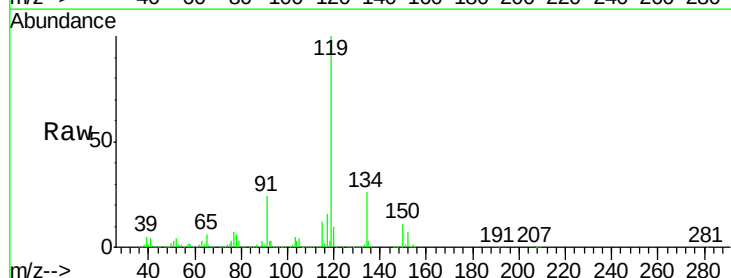
Tgt Ion:119 Resp: 530666

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

91 23.6 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

12.05

600000

500000

400000

300000

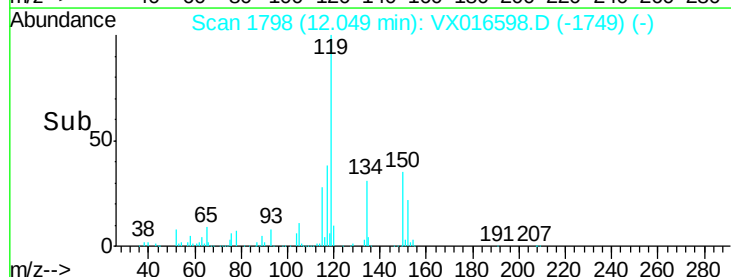
200000

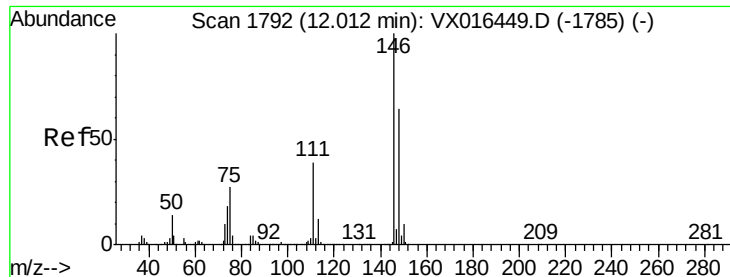
100000

0

Time-->

12.00 12.10

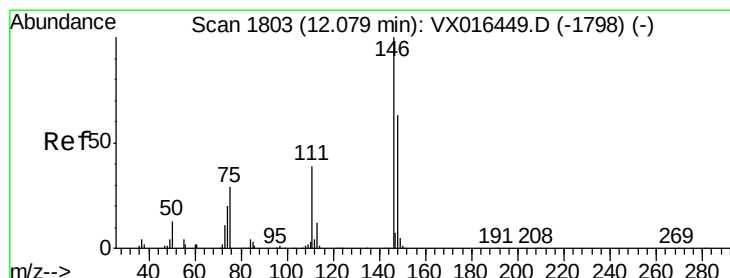
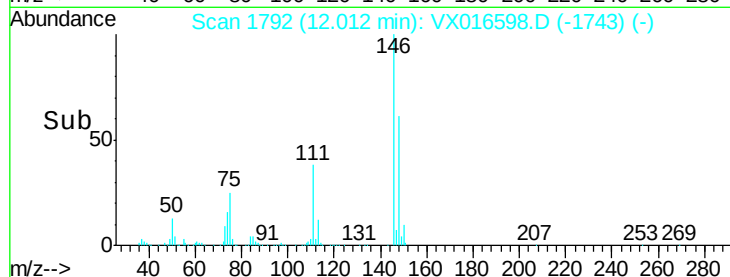
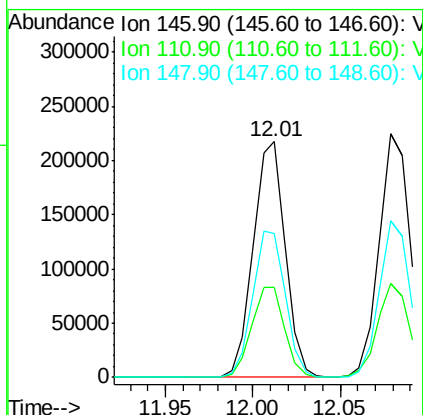
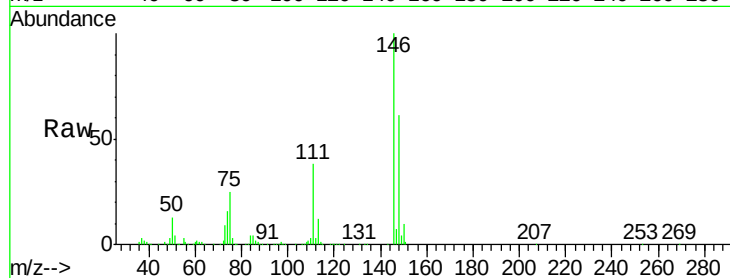




#87
 1,3-Dichlorobenzene
 Concen: 52.31 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

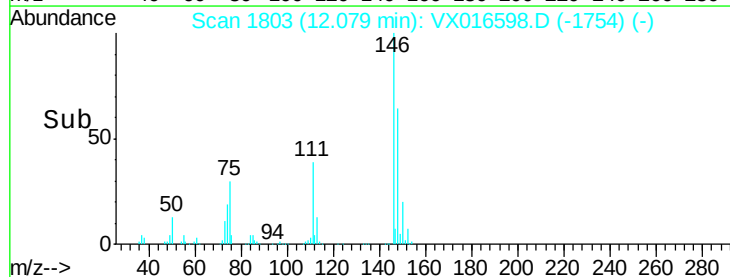
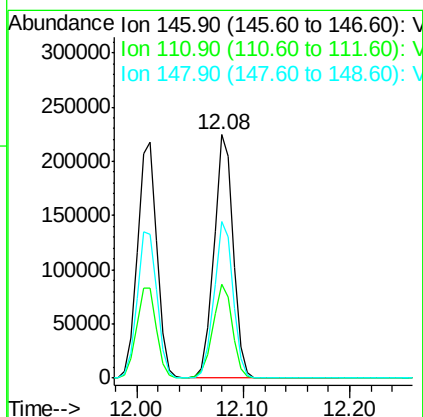
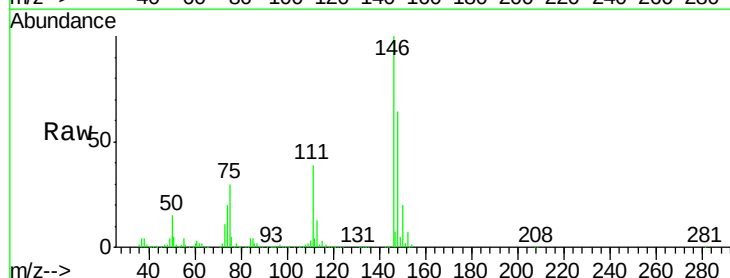
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

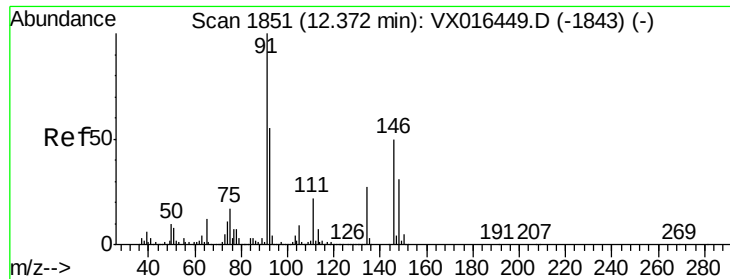
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.03 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	63.5	31.4	94.3

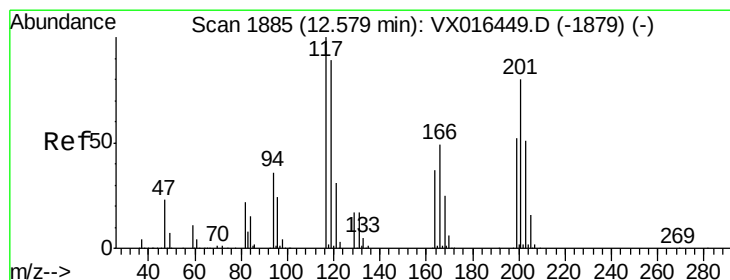
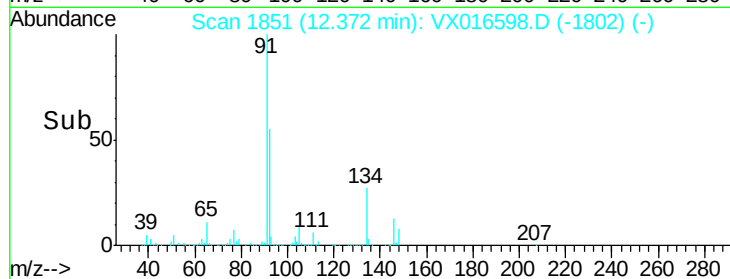
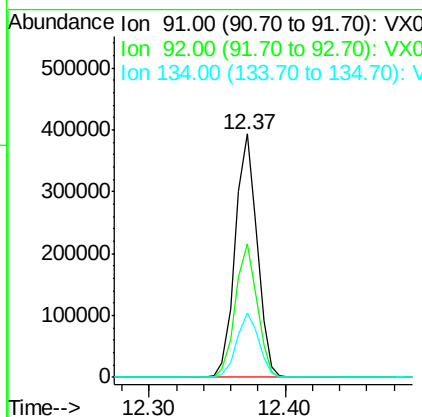
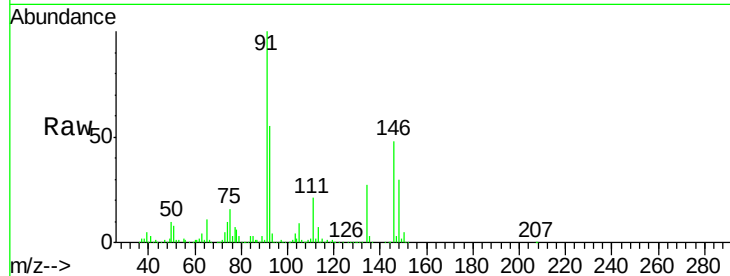




#89
n-Butylbenzene
Concen: 53.80 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

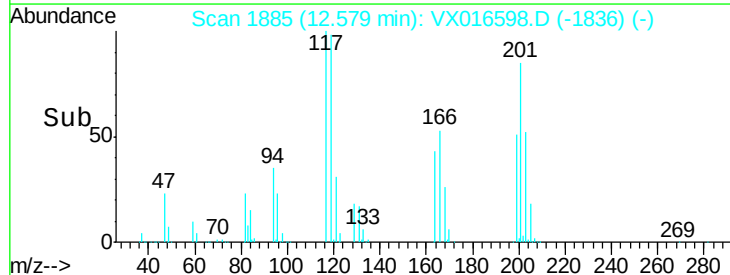
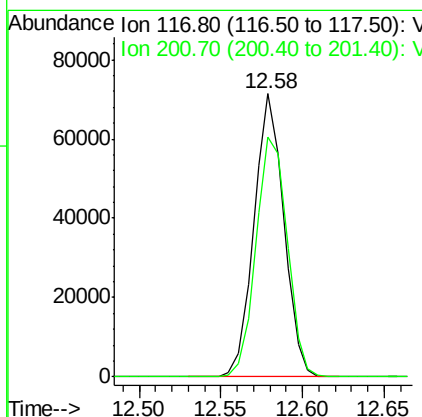
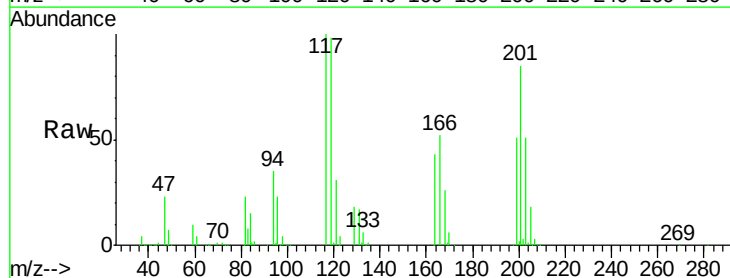
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

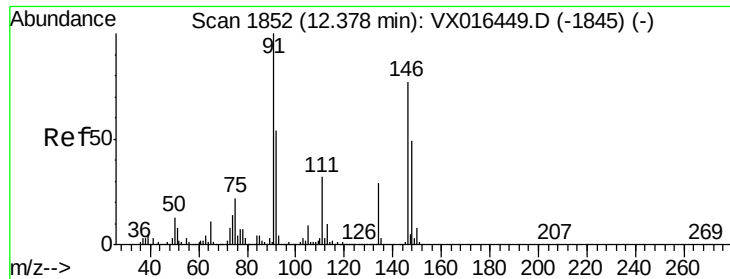
Tgt Ion: 91 Resp: 439859
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 26.8 13.1 39.3



#90
Hexachloroethane
Concen: 53.63 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016598.D
Acq: 05 Jun 2020 09:46

Tgt Ion: 117 Resp: 90923
Ion Ratio Lower Upper
117 100
201 89.2 43.1 129.3

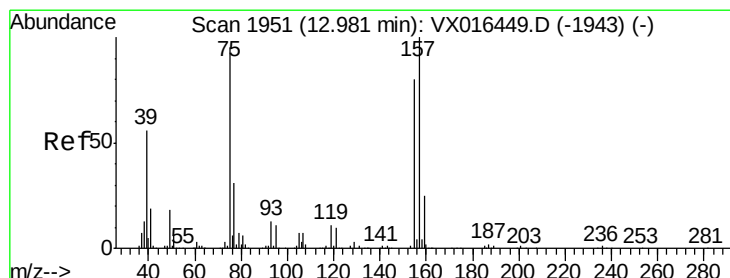
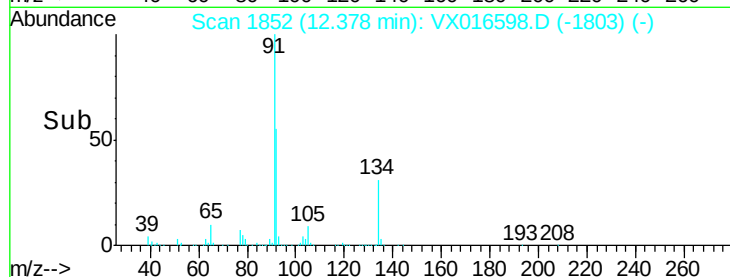
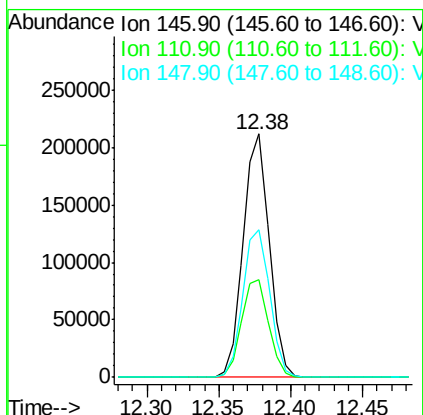
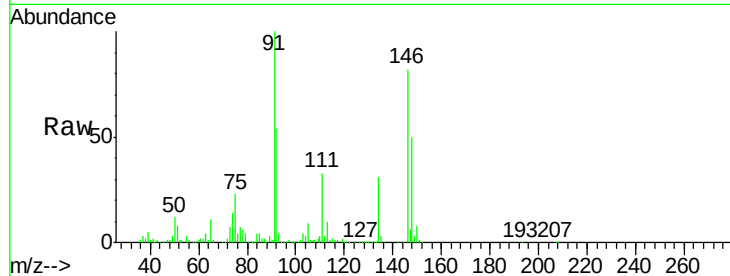




#91
 1,2-Dichlorobenzene
 Concen: 51.34 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

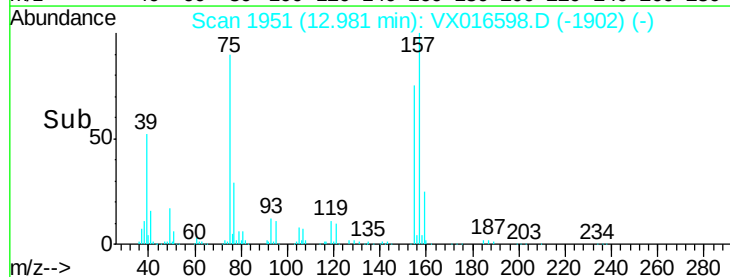
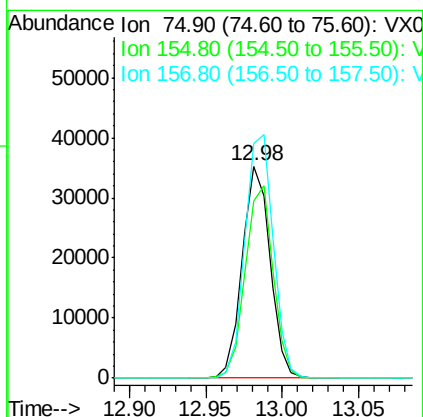
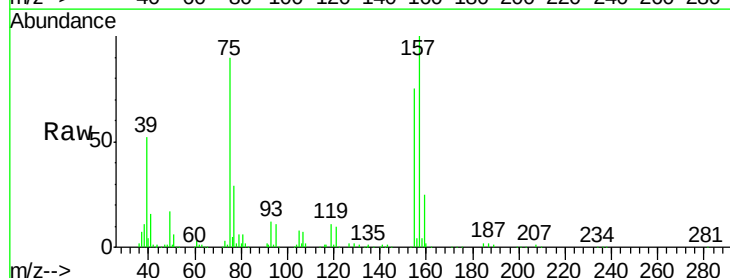
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

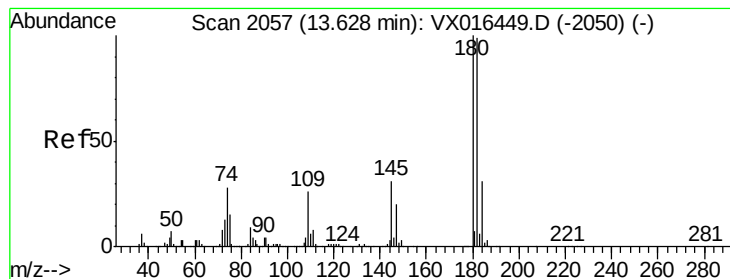
Tgt Ion: 146 Resp: 264598
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.4 64.3
 148 62.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.88 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016598.D
 Acq: 05 Jun 2020 09:46

Tgt Ion: 75 Resp: 44556
 Ion Ratio Lower Upper
 75 100
 155 91.3 44.1 132.4
 157 117.6 57.8 173.3





#93

1,2,4-Trichlorobenzene

Concen: 52.92 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

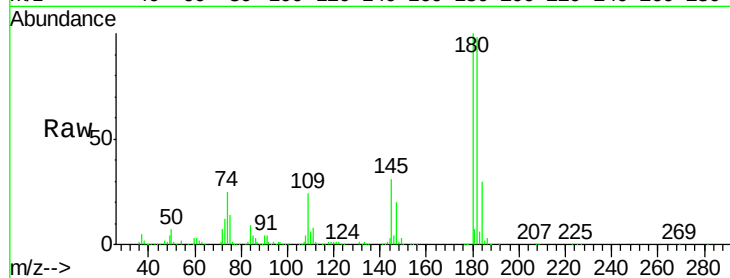
Tgt Ion:180 Resp: 181127

Ion Ratio Lower Upper

180 100

182 98.0 48.3 144.8

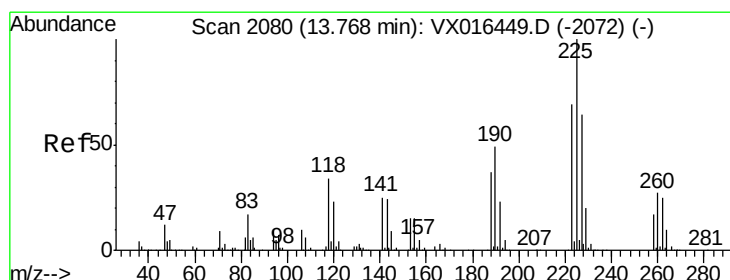
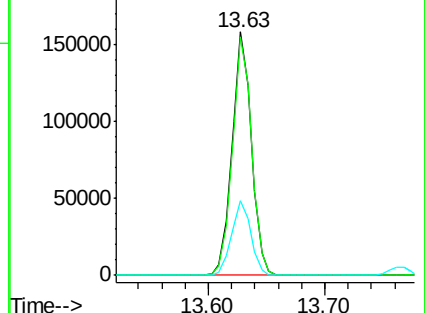
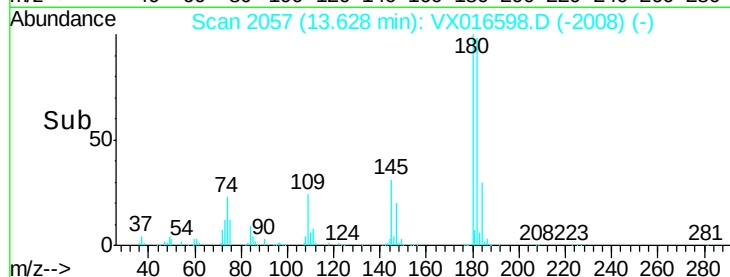
145 30.6 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 61.93 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

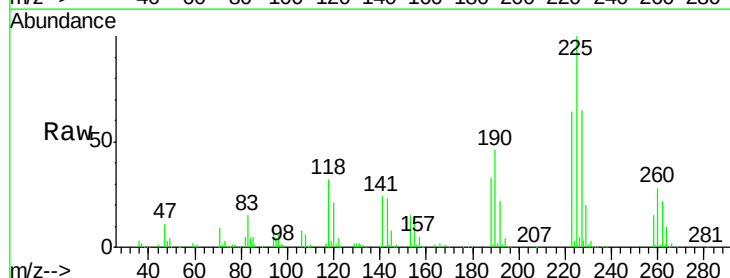
Tgt Ion:225 Resp: 83226

Ion Ratio Lower Upper

225 100

223 63.2 32.3 96.8

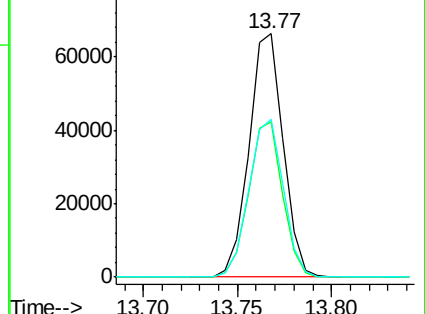
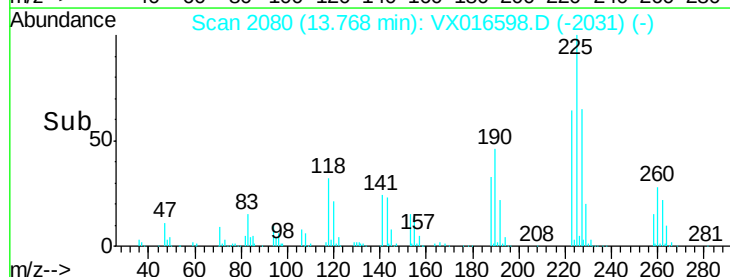
227 65.4 31.6 94.7

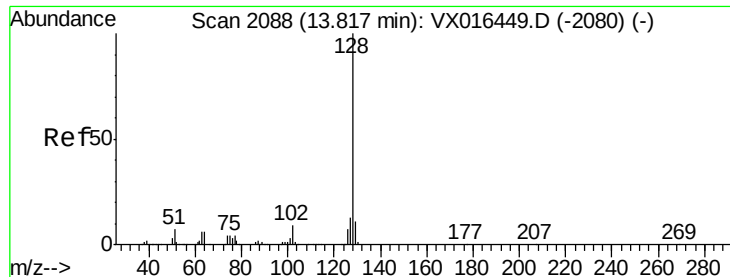


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.97 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

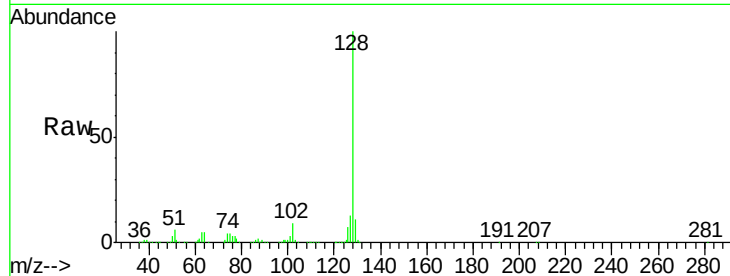
Tgt Ion:128 Resp: 609764

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

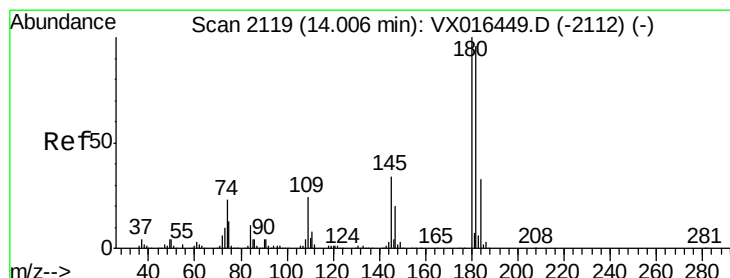
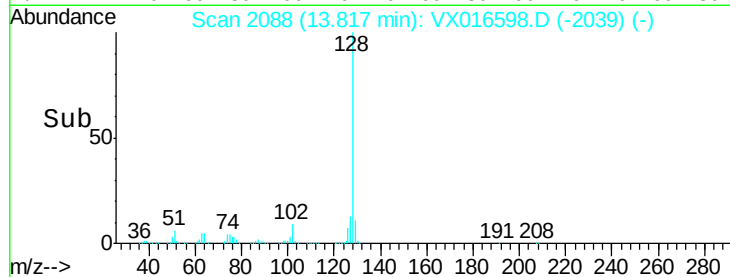
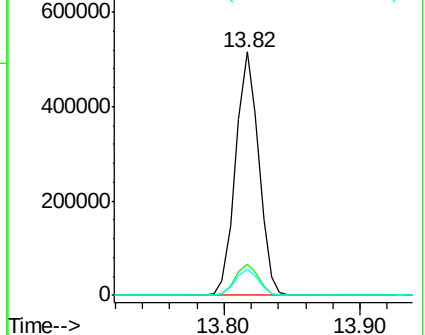
129 10.9 8.6 13.0



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: 54.27 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016598.D

Acq: 05 Jun 2020 09:46

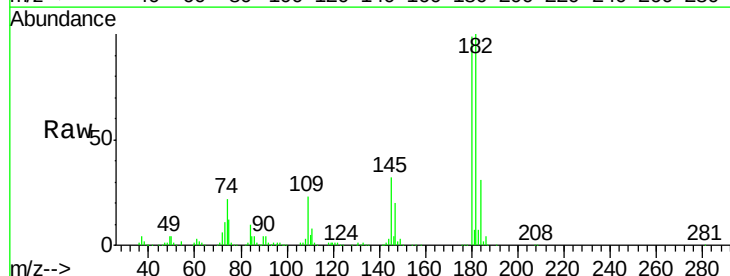
Tgt Ion:180 Resp: 181974

Ion Ratio Lower Upper

180 100

182 96.8 48.6 145.8

145 32.7 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

