

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016002.D
 Acq On : 01 May 2020 10:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 06:57:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	322691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	503881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192367	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	5.46	113	145675	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.70	98	565554	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.12	95	219831	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	157863	54.669	ug/l	98
3) Chloromethane	1.31	50	175939	50.274	ug/l	100
4) Vinyl Chloride	1.39	62	212330	53.425	ug/l	99
5) Bromomethane	1.62	94	113181	42.420	ug/l	100
6) Chloroethane	1.70	64	134541	50.892	ug/l	97
7) Trichlorofluoromethane	1.91	101	292867	48.753	ug/l	95
8) Diethyl Ether	2.17	74	121177	48.319	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	165795	55.369	ug/l	98
10) Methyl Iodide	2.49	142	223206	53.436	ug/l	99
11) Tert butyl alcohol	3.01	59	252133	246.189	ug/l	100
12) 1,1-Dichloroethene	2.36	96	161756	52.392	ug/l	99
13) Acrolein	2.27	56	86388	335.647	ug/l	99
14) Allyl chloride	2.70	41	304431	54.684	ug/l	98
15) Acrylonitrile	3.11	53	532841	262.396	ug/l	100
16) Acetone	2.42	43	437546	242.522	ug/l	99
17) Carbon Disulfide	2.55	76	481983	53.530	ug/l	100
18) Methyl Acetate	2.75	43	268306	52.407	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	598729	53.618	ug/l	99
20) Methylene Chloride	2.83	84	183011	51.242	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	177936	51.138	ug/l	99
22) Diisopropyl ether	3.82	45	598003	54.637	ug/l	91
23) Vinyl Acetate	3.78	43	2568857	270.187	ug/l	99
24) 1,1-Dichloroethane	3.67	63	328021	53.800	ug/l	99
25) 2-Butanone	4.63	43	722411	247.097	ug/l	99
26) 2,2-Dichloropropane	4.55	77	310631	55.721	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	204549	51.804	ug/l	98
28) Bromochloromethane	4.98	49	131491	44.567	ug/l	98
29) Tetrahydrofuran	5.09	42	489547	255.505	ug/l	99
30) Chloroform	5.18	83	331505	52.287	ug/l	98
31) Cyclohexane	5.54	56	299550	55.187	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	304379	52.142	ug/l	99
36) 1,1-Dichloropropene	5.77	75	257001	53.551	ug/l	98
37) Ethyl Acetate	4.79	43	288974	52.511	ug/l	99
38) Carbon Tetrachloride	5.75	117	268505	52.969	ug/l	100

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Quant Time: May 02 06:57:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	315951	56.916	ug/l	97
40) Benzene	6.11	78	732632	53.503	ug/l	100
41) Methacrylonitrile	5.00	41	156899	53.265	ug/l	99
42) 1,2-Dichloroethane	6.16	62	275132	51.856	ug/l	100
43) Isopropyl Acetate	6.41	43	476391	52.277	ug/l	99
44) Trichloroethene	7.19	130	271487	55.005	ug/l	97
45) 1,2-Dichloropropane	7.49	63	189395	53.517	ug/l	99
46) Dibromomethane	7.63	93	127939	50.877	ug/l	98
47) Bromodichloromethane	7.87	83	269556	53.942	ug/l	99
48) Methyl methacrylate	7.74	41	227767	54.135	ug/l	98
49) 1,4-Dioxane	7.71	88	100771	1018.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1462383	264.565	ug/l	99
52) Toluene	8.76	92	473458	54.470	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	320569	54.065	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	329105	53.967	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	186563	53.709	ug/l	98
56) Ethyl methacrylate	9.16	69	311208	55.099	ug/l	97
57) 1,3-Dichloropropane	9.35	76	320416	53.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	811408	277.997	ug/l	100
59) 2-Hexanone	9.47	43	1127515	261.012	ug/l	99
60) Dibromochloromethane	9.57	129	214650	55.210	ug/l	99
61) 1,2-Dibromoethane	9.65	107	199694	53.015	ug/l	99
64) Tetrachloroethene	9.32	164	300610	54.213	ug/l	98
65) Chlorobenzene	10.12	112	508288	53.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	192099	53.389	ug/l	99
67) Ethyl Benzene	10.23	91	924343	54.521	ug/l	99
68) m/p-Xylenes	10.34	106	707428	109.965	ug/l	99
69) o-Xylene	10.68	106	336485	55.090	ug/l	100
70) Styrene	10.70	104	581993	55.532	ug/l	99
71) Bromoform	10.84	173	160703	49.104	ug/l #	98
73) Isopropylbenzene	11.00	105	914636	54.426	ug/l	100
74) N-amyl acetate	10.88	43	422194	52.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150971	39.537	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	372004	71.765	ug/l	81
77) Bromobenzene	11.24	156	226703	52.407	ug/l	98
78) n-propylbenzene	11.34	91	1080446	55.889	ug/l	99
79) 2-Chlorotoluene	11.40	91	624792	54.244	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	779390	55.056	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	119008	54.255	ug/l #	89
82) 4-Chlorotoluene	11.49	91	749172	54.382	ug/l	100
83) tert-Butylbenzene	11.76	119	665129	54.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	785561	55.138	ug/l	98
85) sec-Butylbenzene	11.93	105	915681	55.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	867653	56.327	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	410459	52.033	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	418823	52.533	ug/l	99
89) n-Butylbenzene	12.37	91	786666	56.521	ug/l	99
90) Hexachloroethane	12.58	117	146345	53.771	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	388960	51.564	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68837	49.615	ug/l	99

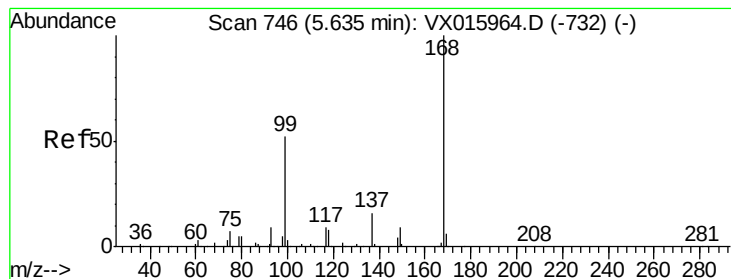
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	302192	53.374	ug/l	99
94) Hexachlorobutadiene	13.77	225	136003	53.764	ug/l	98
95) Naphthalene	13.82	128	943859	52.856	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	291972	53.556	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

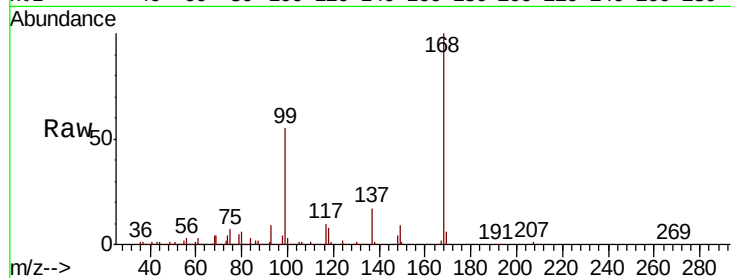
VSTDCCC050

Tot Ion:168 Resp: 322691

Ion Ratio Lower Upper

168 100

99 54.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

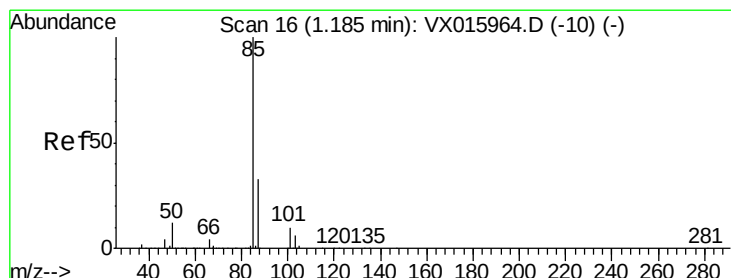
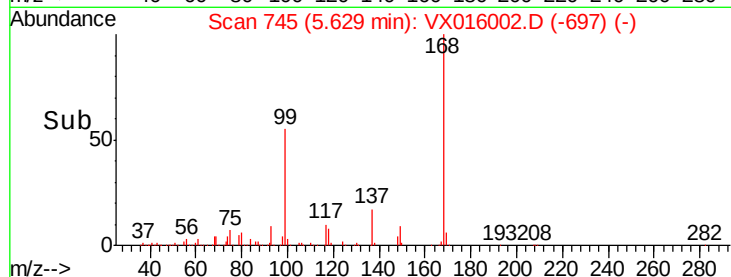
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.669 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016002.D

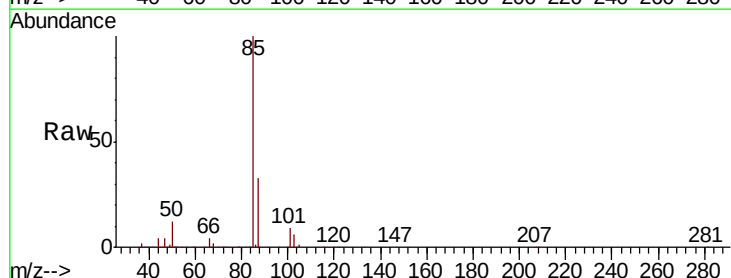
Acq: 01 May 2020 10:35

Tgt Ion: 85 Resp: 157863

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

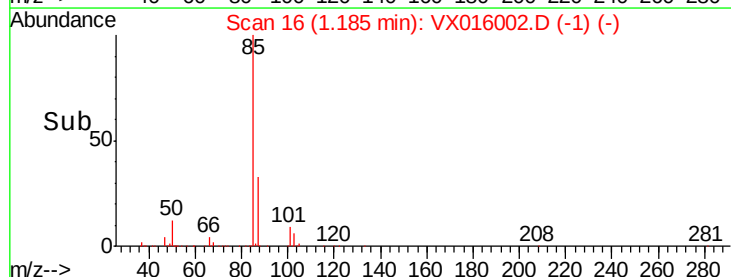
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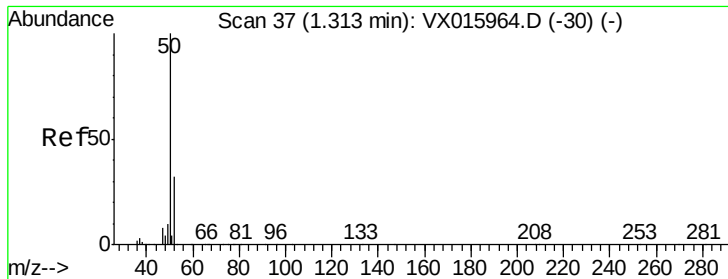
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.274 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

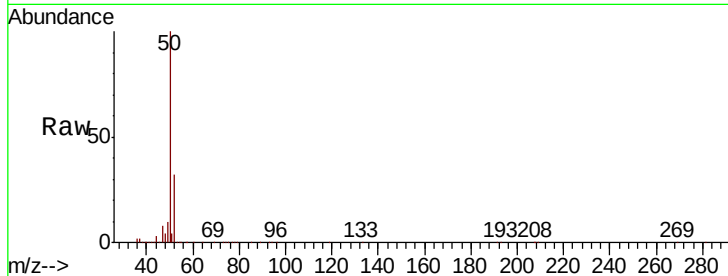
VSTDCCC050

Tot Ion: 50 Resp: 175939

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

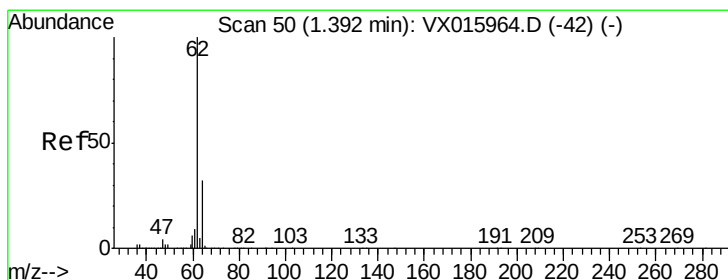
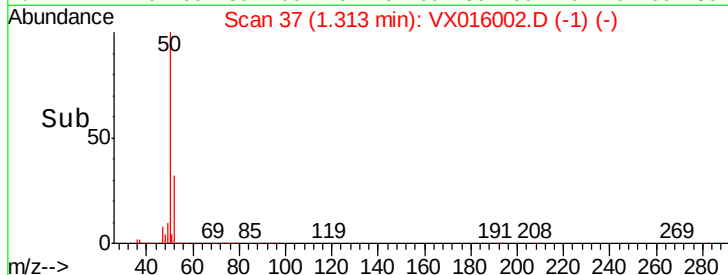
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 53.425 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016002.D

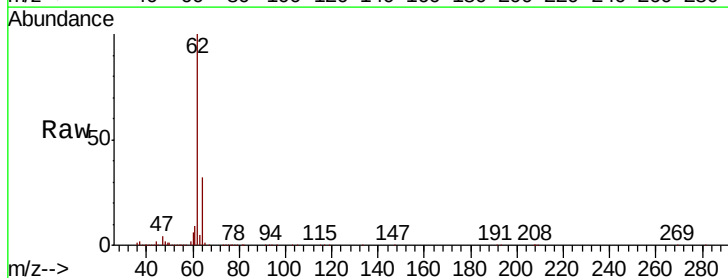
Acq: 01 May 2020 10:35

Tgt Ion: 62 Resp: 212330

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

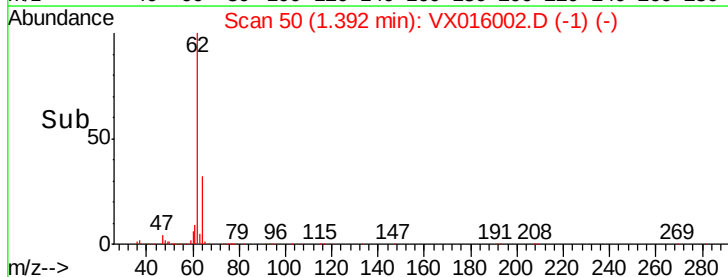
150000

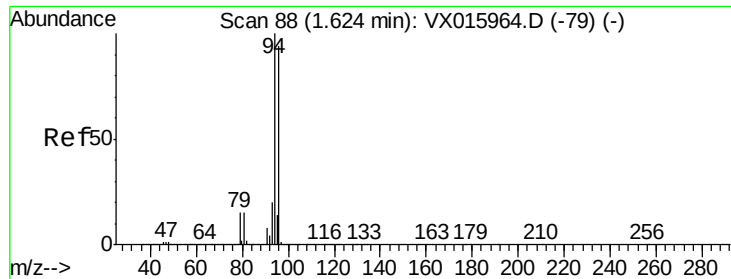
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.420 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

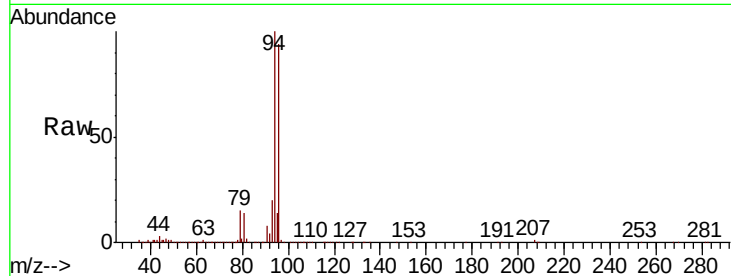
VSTDCCC050

Tot Ion: 94 Resp: 113181

Ion Ratio Lower Upper

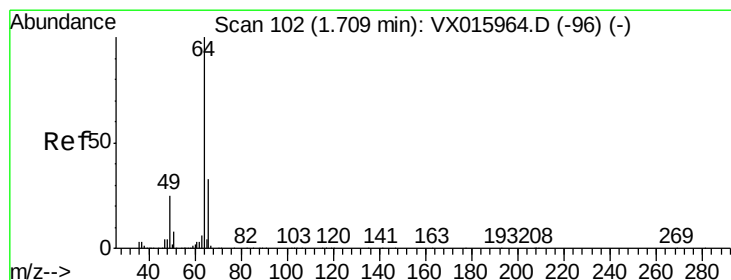
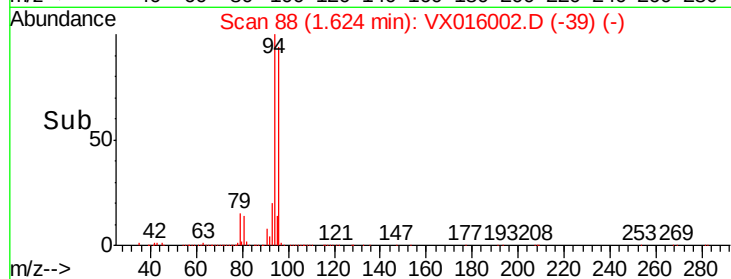
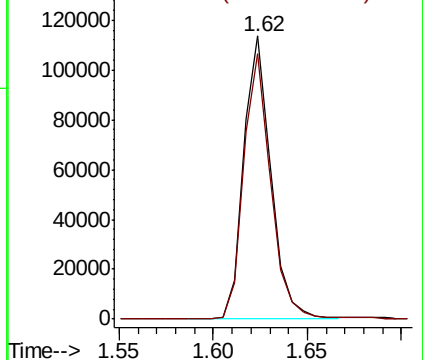
94 100

96 93.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.892 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016002.D

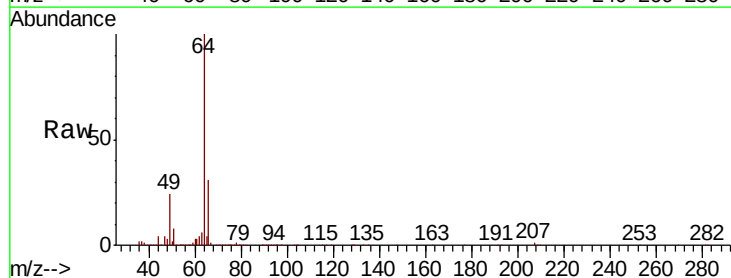
Acq: 01 May 2020 10:35

Tgt Ion: 64 Resp: 134541

Ion Ratio Lower Upper

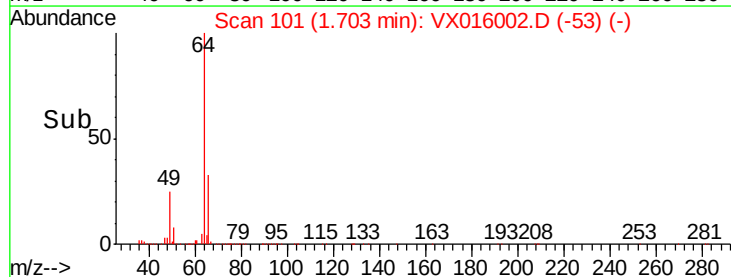
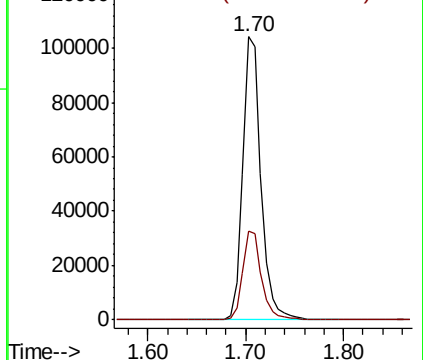
64 100

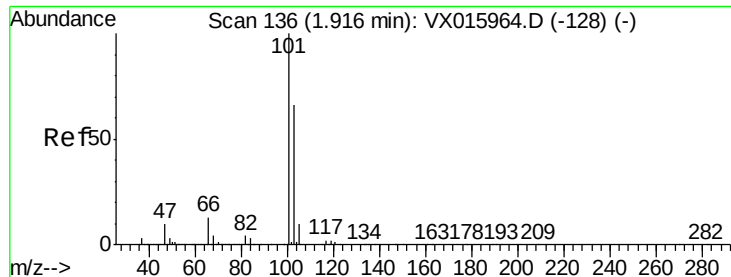
66 31.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



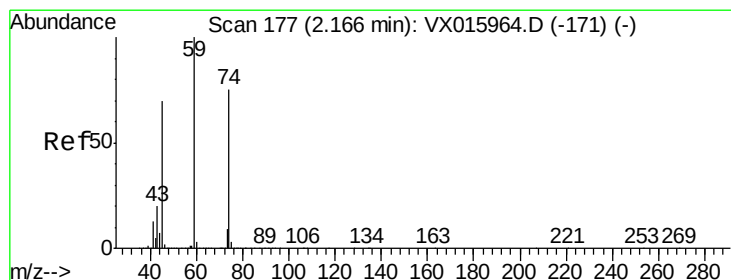
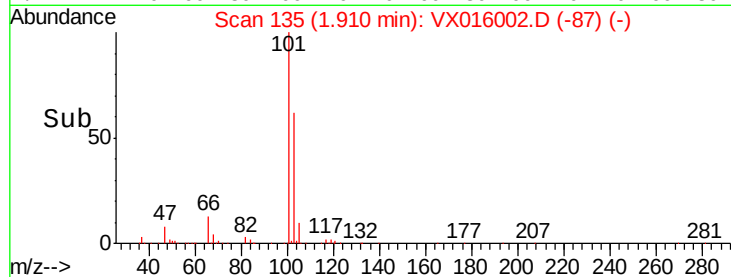
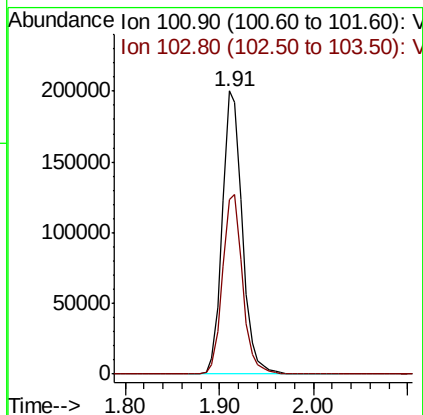
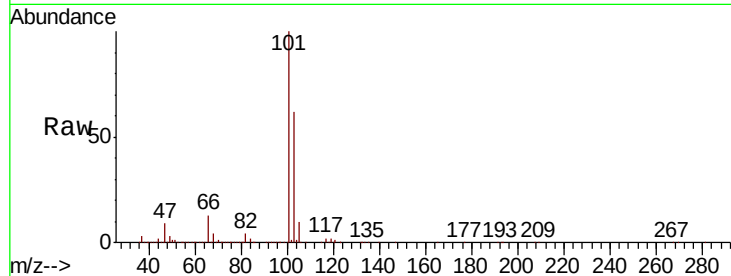


#7

Trichlorofluoromethane
Concen: 48.753 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

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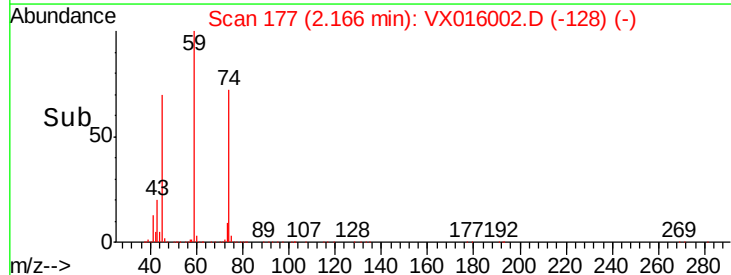
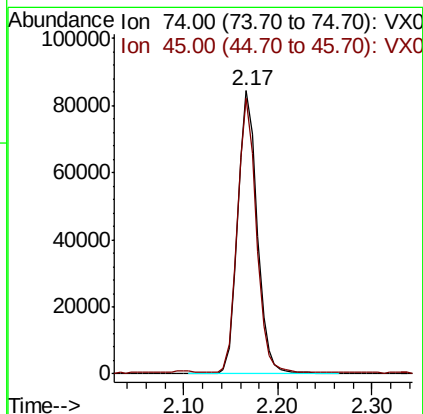
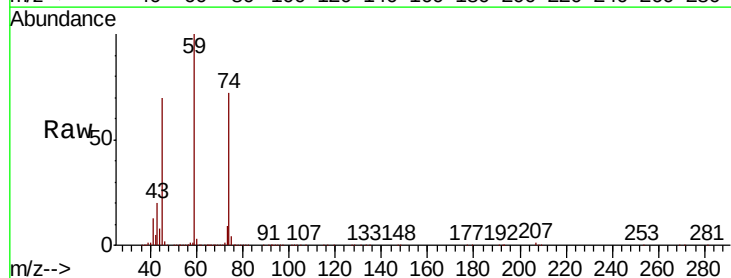
Tot Ion:101 Resp: 292867
Ion Ratio Lower Upper
101 100
103 61.9 52.4 78.6

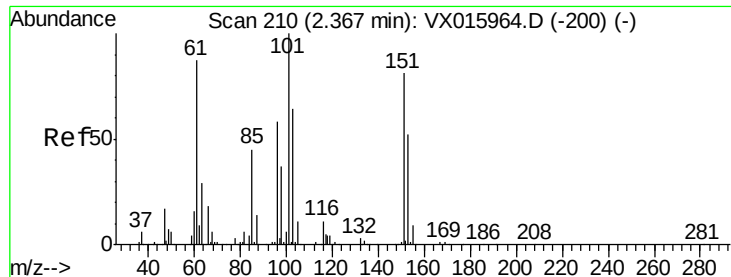


#8

Diethyl Ether
Concen: 48.319 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 74 Resp: 121177
Ion Ratio Lower Upper
74 100
45 94.7 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.369 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

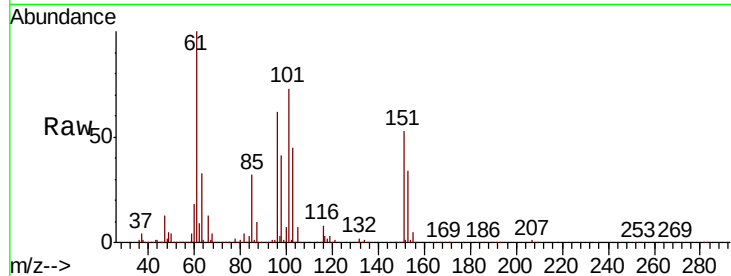
Tot Ion:101 Resp: 165795

Ion Ratio Lower Upper

101 100

85 43.9 36.3 54.5

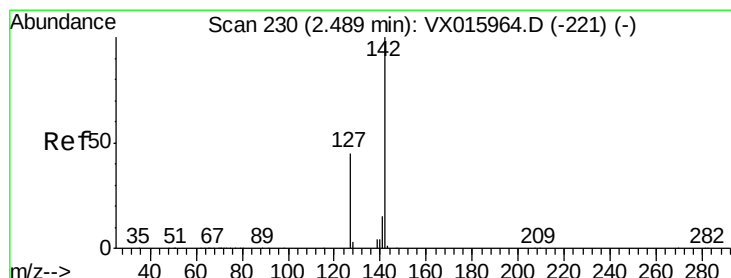
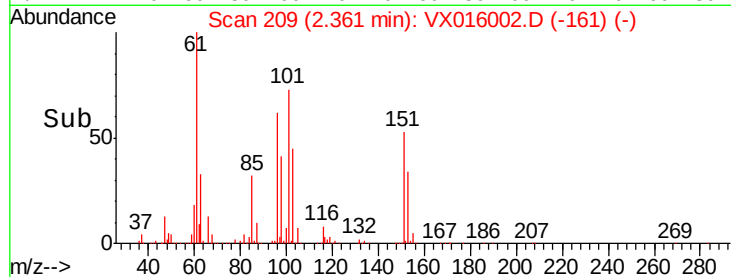
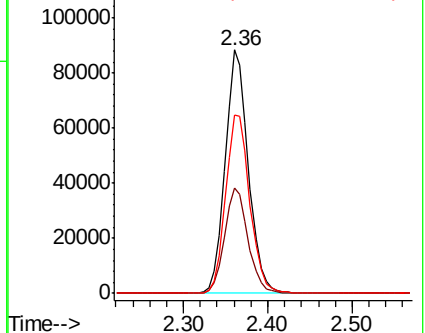
151 76.6 63.1 94.7



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: 53.436 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

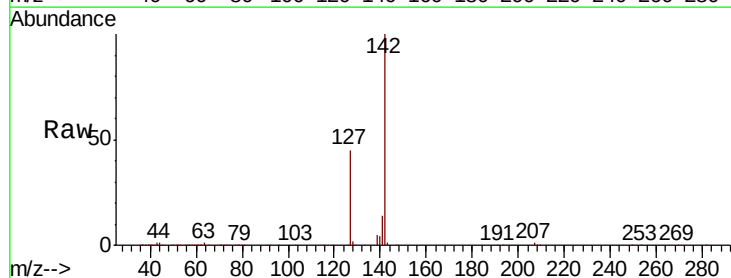
Tgt Ion:142 Resp: 223206

Ion Ratio Lower Upper

142 100

127 44.6 36.5 54.7

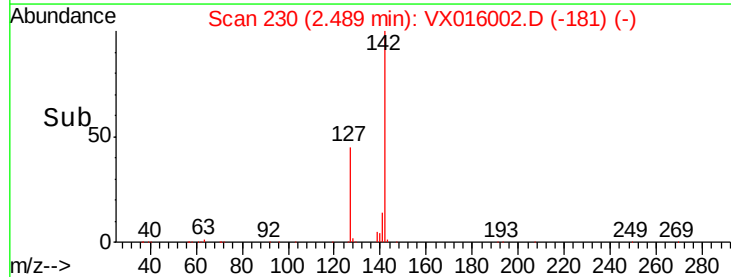
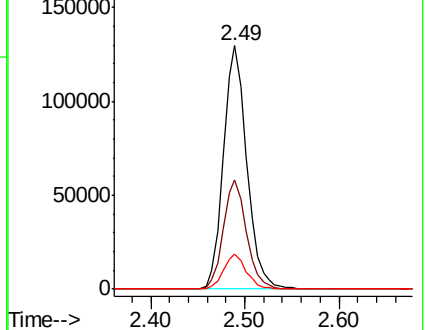
141 14.1 11.6 17.4

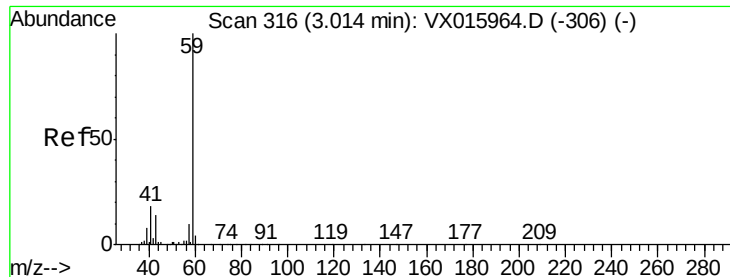


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



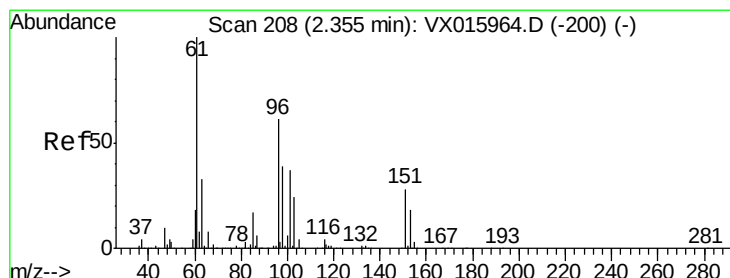
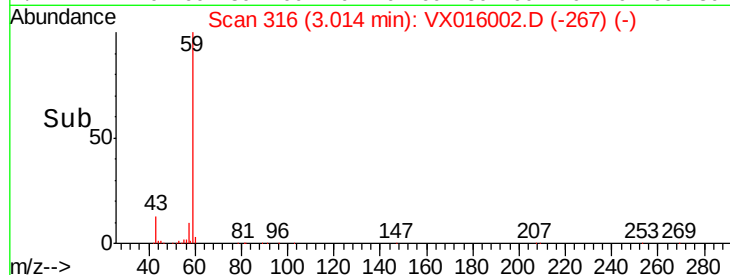
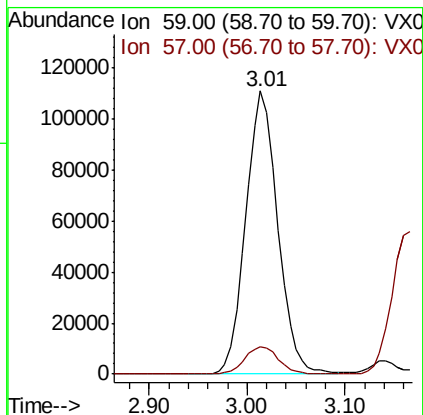
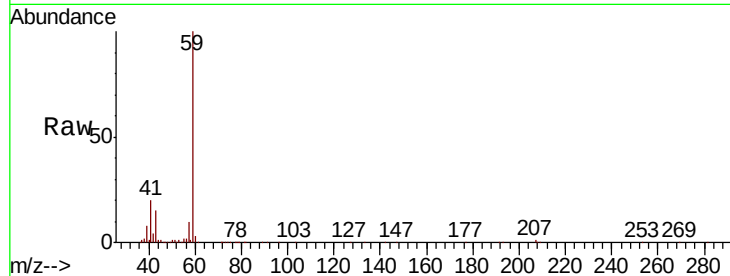


#11

Tert butyl alcohol
 Concen: 246.189 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

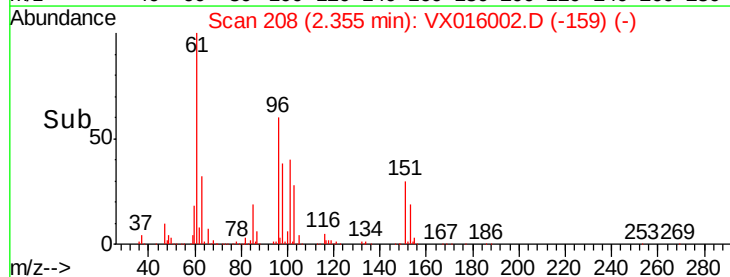
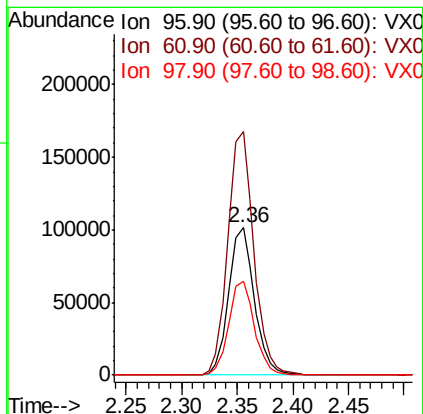
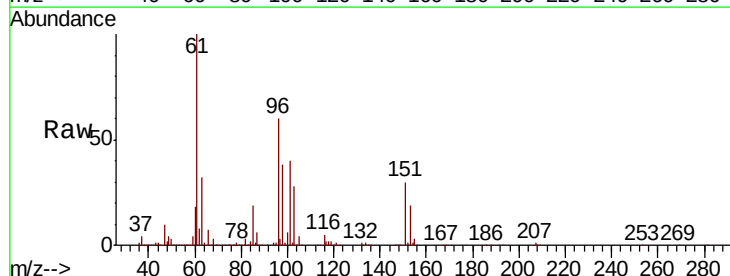
Tot Ion: 59 Resp: 252133
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

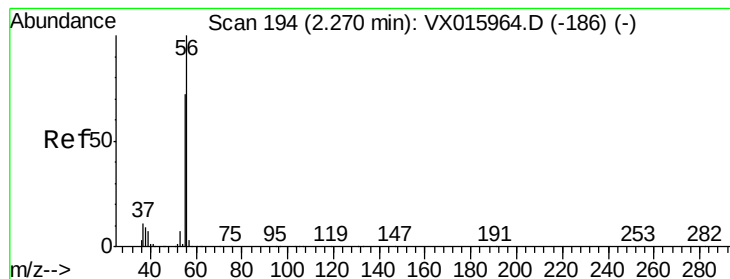


#12

1,1-Dichloroethene
 Concen: 52.392 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Tgt Ion: 96 Resp: 161756
 Ion Ratio Lower Upper
 96 100
 61 165.5 131.0 196.4
 98 63.7 50.7 76.1





#13

Acrolein

Concen: 335.647 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

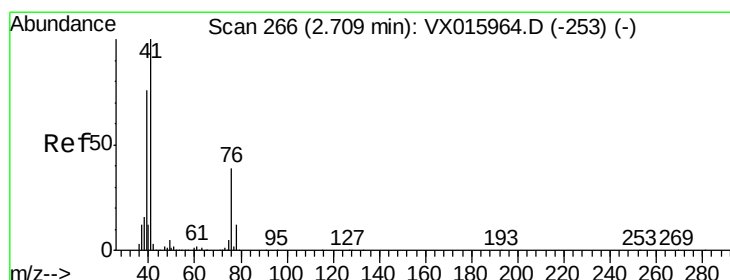
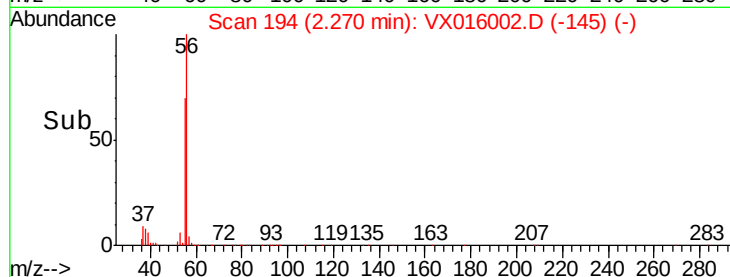
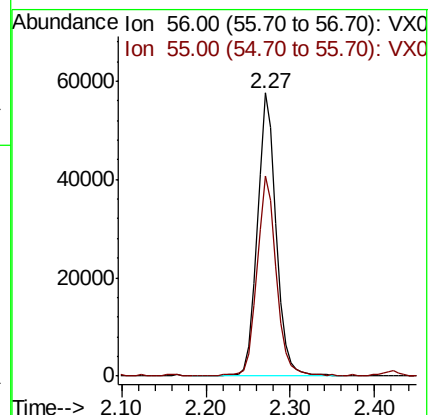
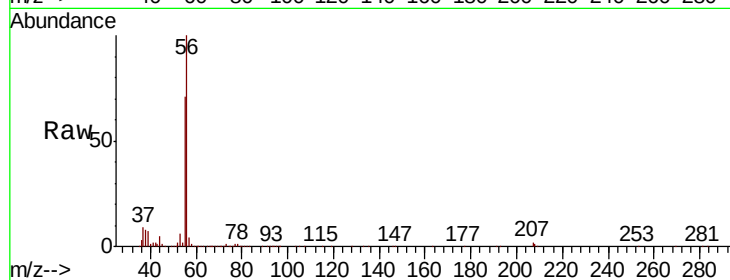
VSTDCCC050

Tot Ion: 56 Resp: 86388

Ion Ratio Lower Upper

56 100

55 71.7 56.9 85.3



#14

Allyl chloride

Concen: 54.684 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

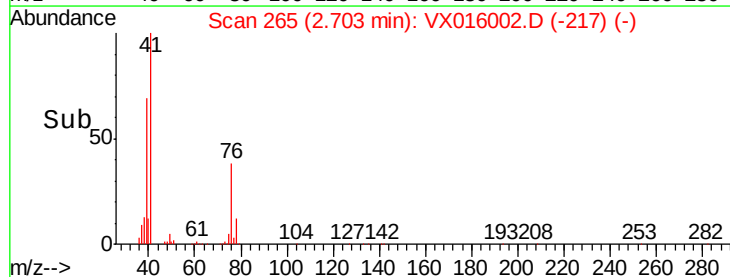
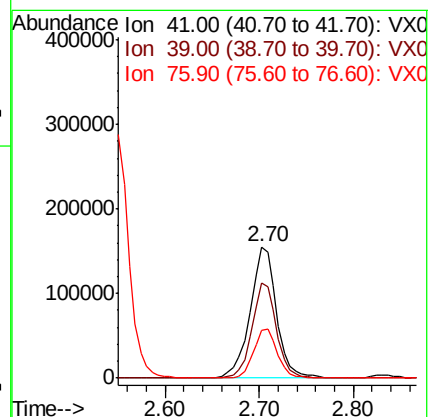
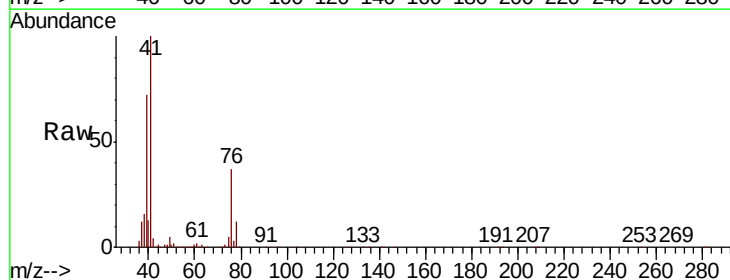
Tgt Ion: 41 Resp: 304431

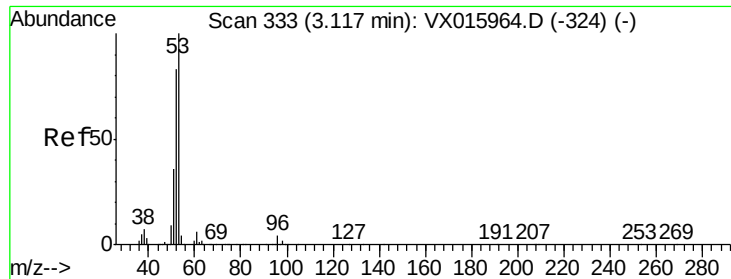
Ion Ratio Lower Upper

41 100

39 66.9 55.4 83.0

76 34.2 27.1 40.7





#15

Acrylonitrile

Concen: 262.396 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

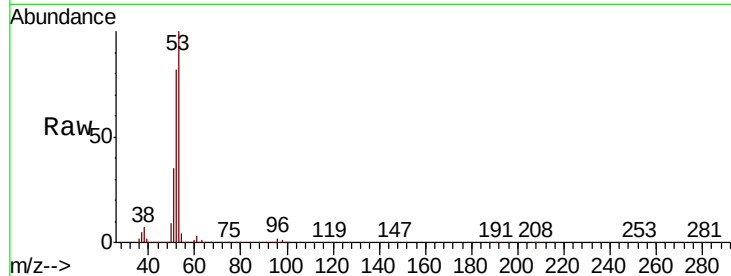
Tot Ion: 53 Resp: 532841

Ion Ratio Lower Upper

53 100

52 81.8 65.5 98.3

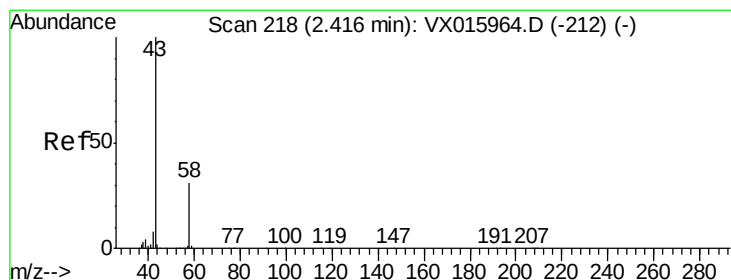
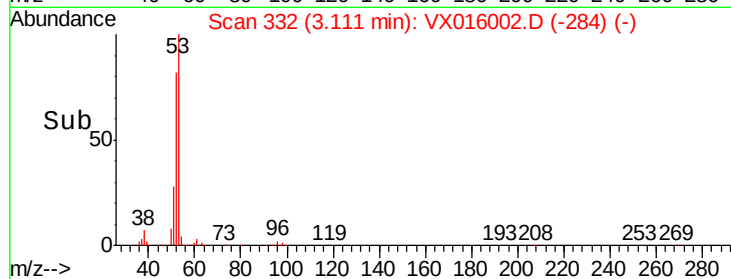
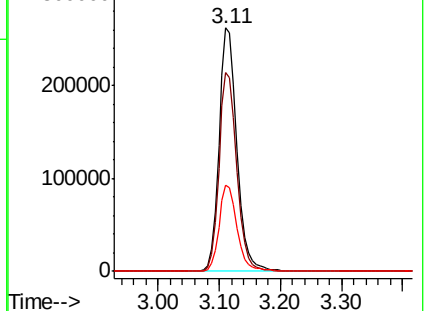
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 242.522 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016002.D

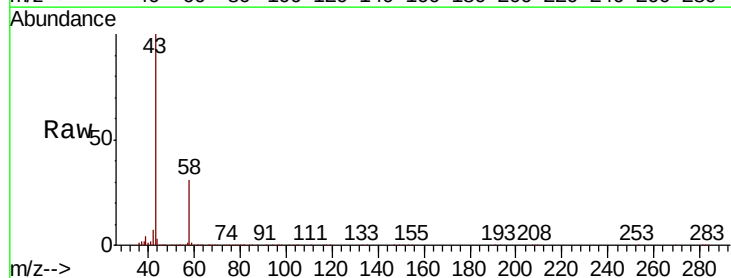
Acq: 01 May 2020 10:35

Tgt Ion: 43 Resp: 437546

Ion Ratio Lower Upper

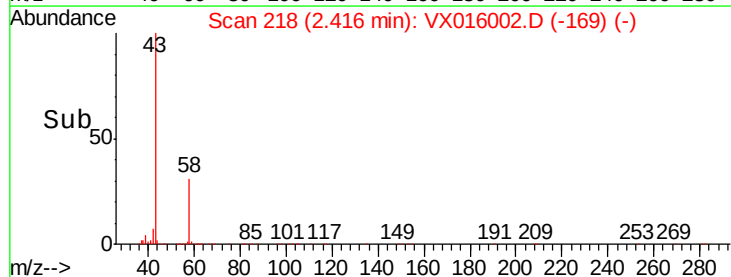
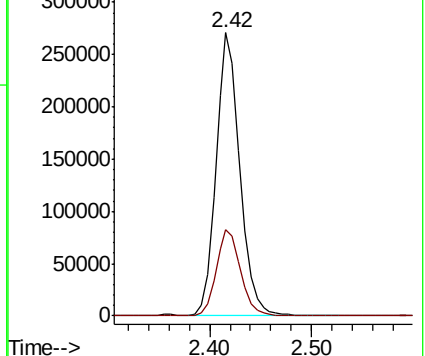
43 100

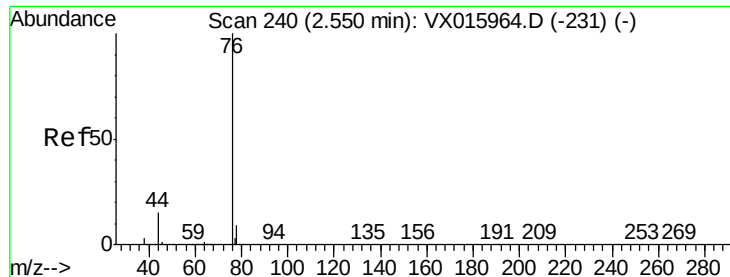
58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 53.530 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

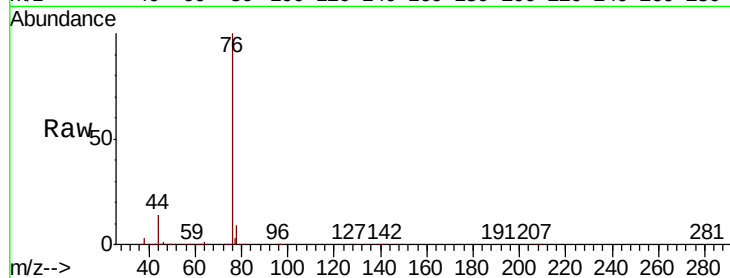
VSTDCCC050

Tot Ion: 76 Resp: 481983

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

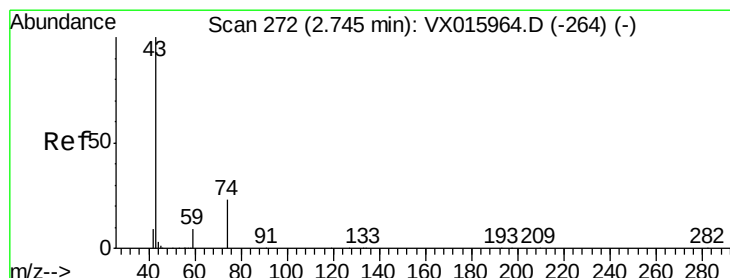
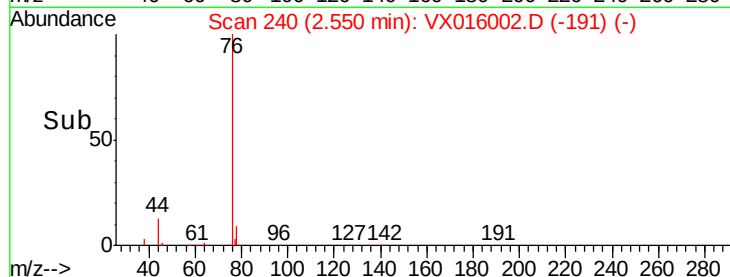
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 52.407 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016002.D

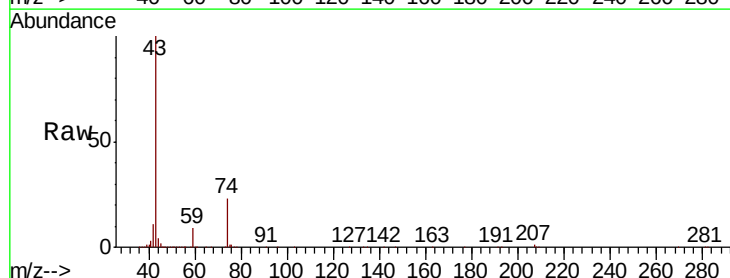
Acq: 01 May 2020 10:35

Tgt Ion: 43 Resp: 268306

Ion Ratio Lower Upper

43 100

74 24.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

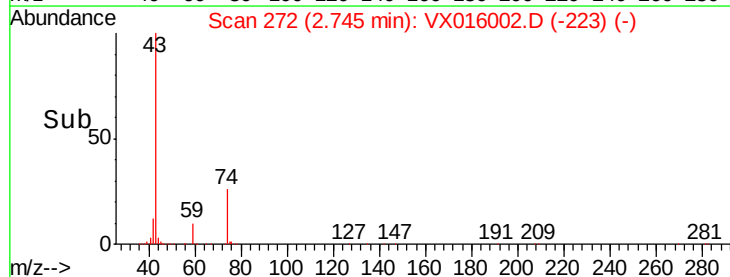
150000

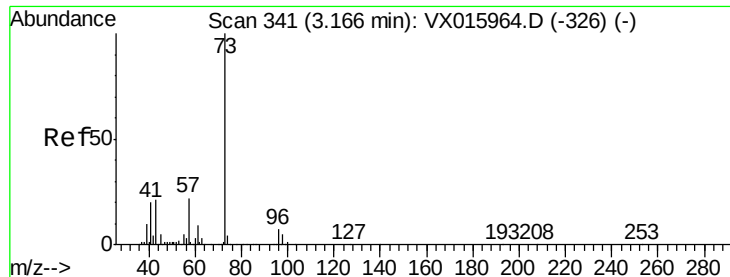
100000

50000

0

Time-->



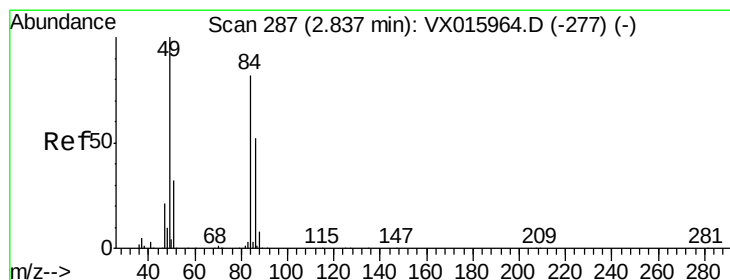
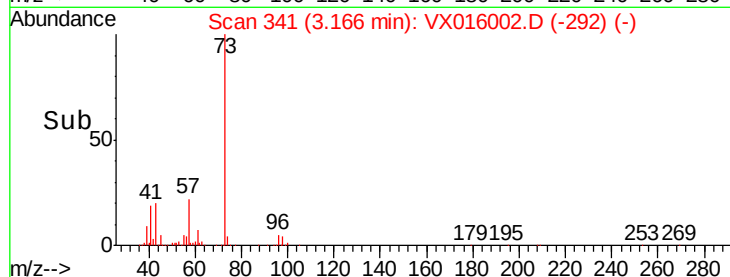
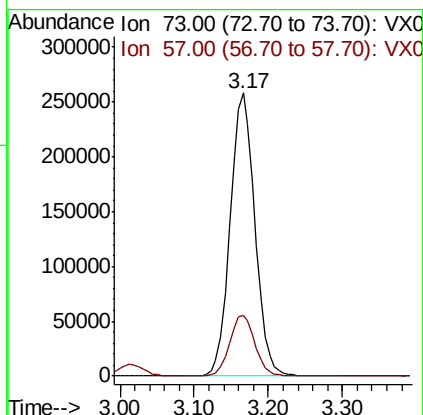
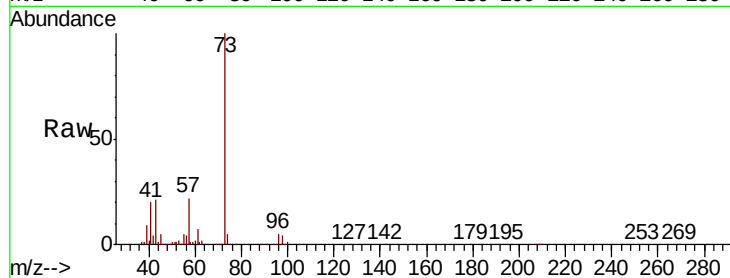


#19

Methyl tert-butyl Ether
 Concen: 53.618 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

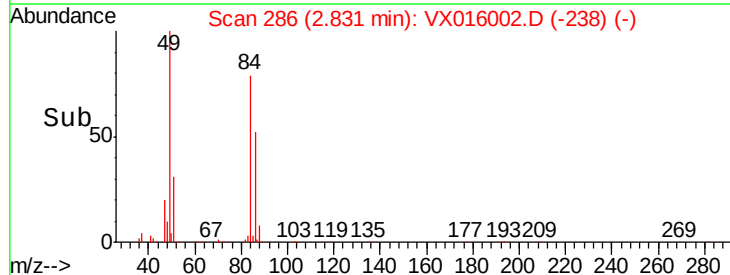
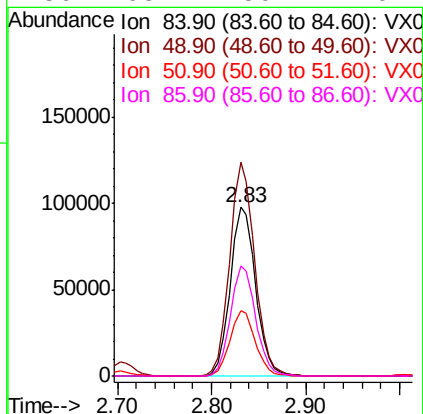
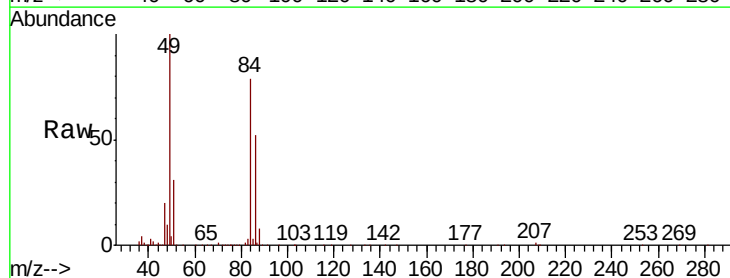
Tot Ion: 73 Resp: 598729
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.5 26.3

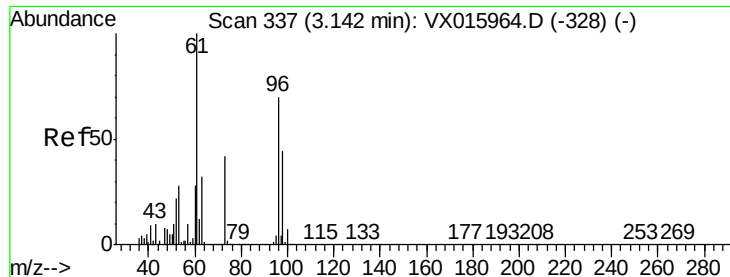


#20

Methylene Chloride
 Concen: 51.242 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Tgt Ion: 84 Resp: 183011
 Ion Ratio Lower Upper
 84 100
 49 126.7 97.9 146.9
 51 38.9 31.2 46.8
 86 65.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 51.138 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

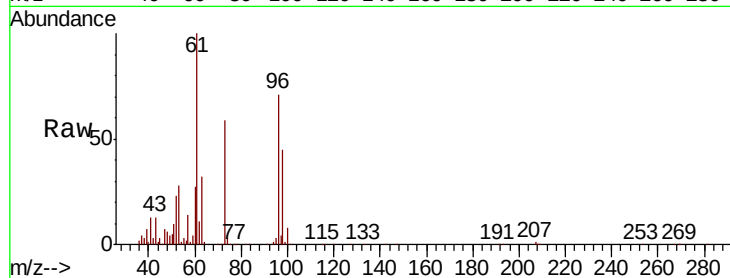
Tot Ion: 96 Resp: 177936

Ion Ratio Lower Upper

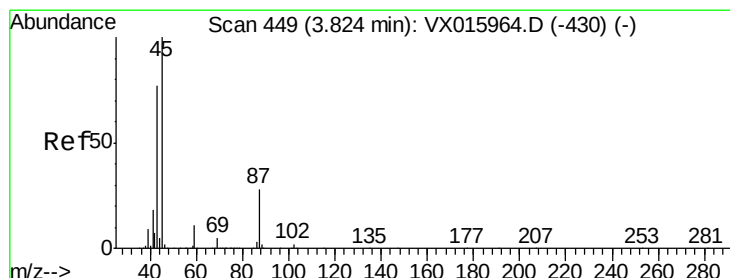
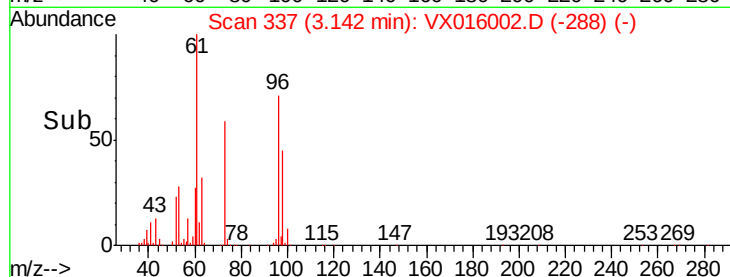
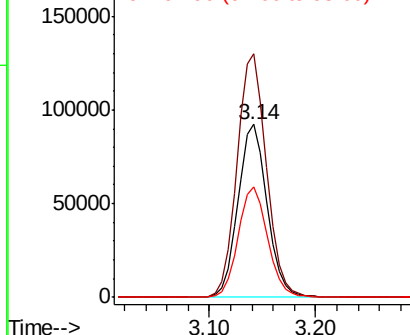
96 100

61 141.0 113.6 170.4

98 64.0 50.3 75.5



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



#22

Diisopropyl ether

Concen: 54.637 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Tgt Ion: 45 Resp: 598003

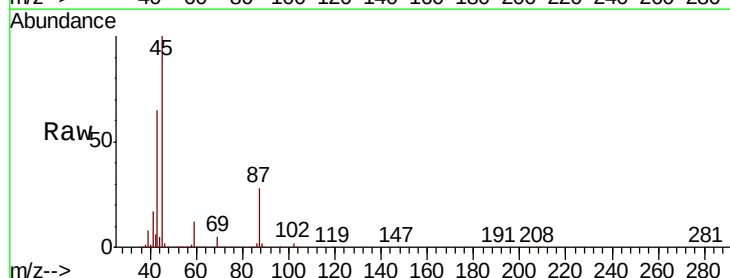
Ion Ratio Lower Upper

45 100

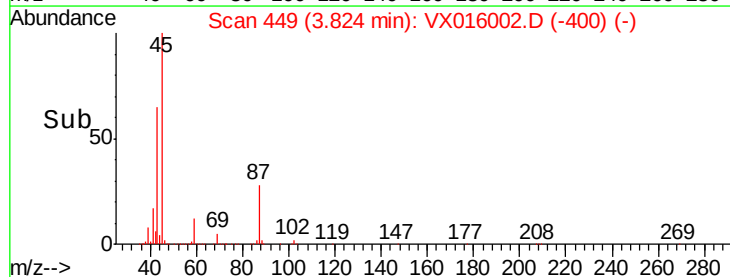
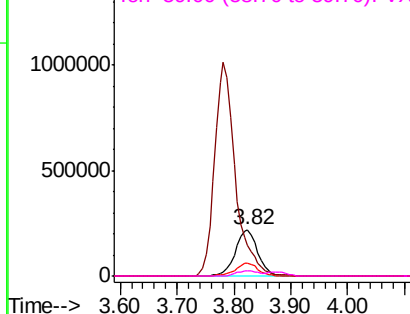
43 64.9 61.3 91.9

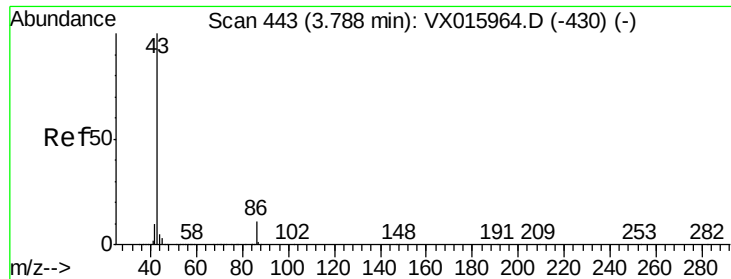
87 28.1 22.6 33.8

59 11.6 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.187 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

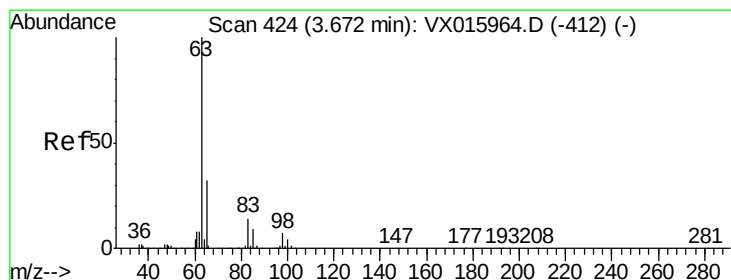
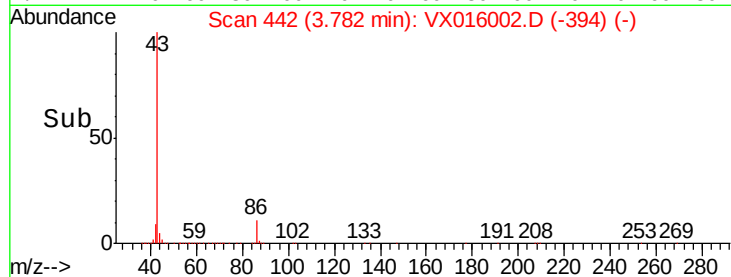
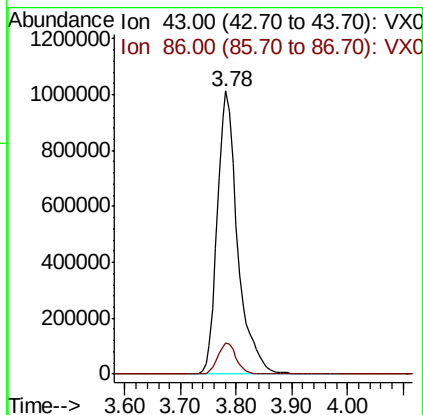
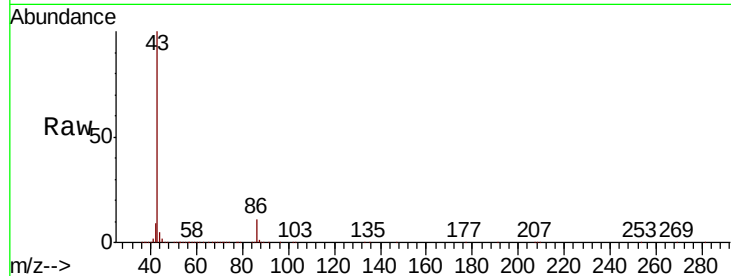
VSTDCCC050

Tot Ion: 43 Resp: 2568857

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 53.800 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

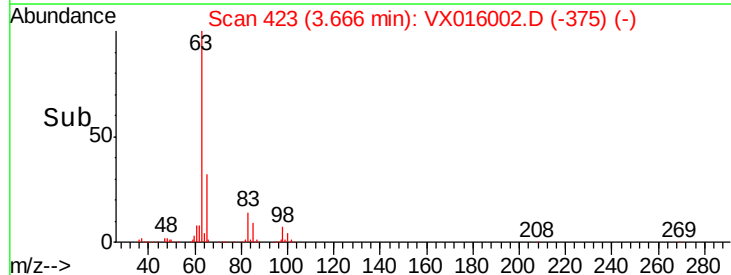
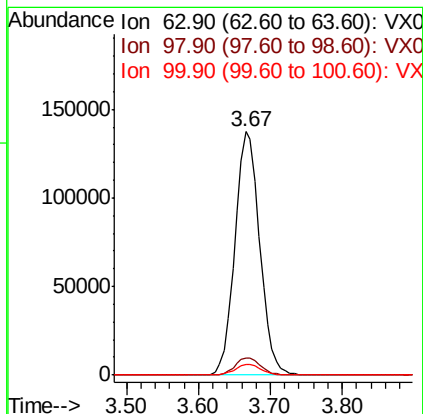
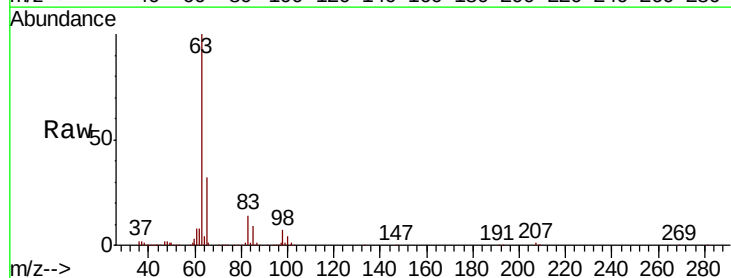
Tgt Ion: 63 Resp: 328021

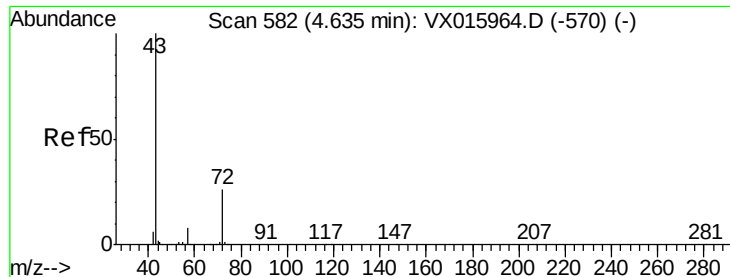
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 247.097 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

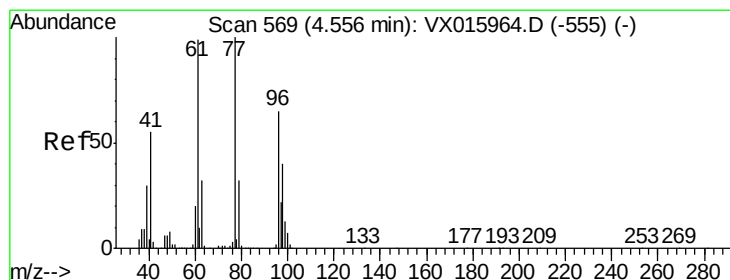
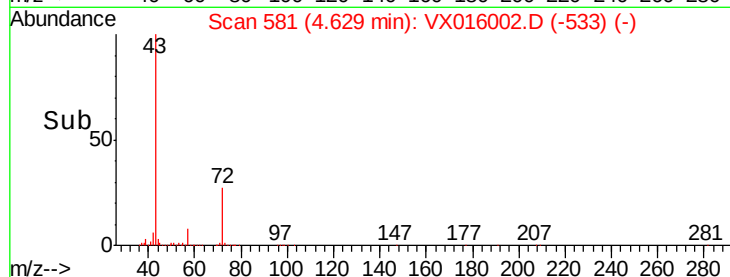
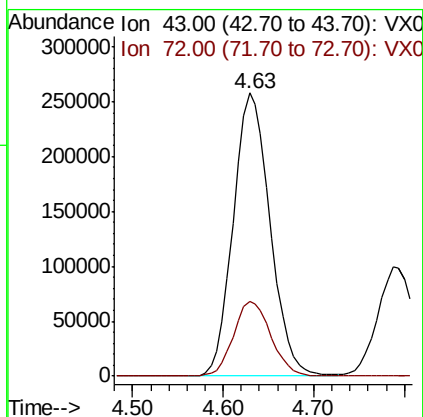
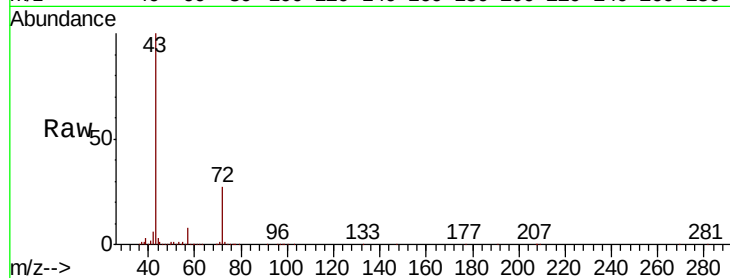
VSTDCCC050

Tot Ion: 43 Resp: 722411

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 55.721 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016002.D

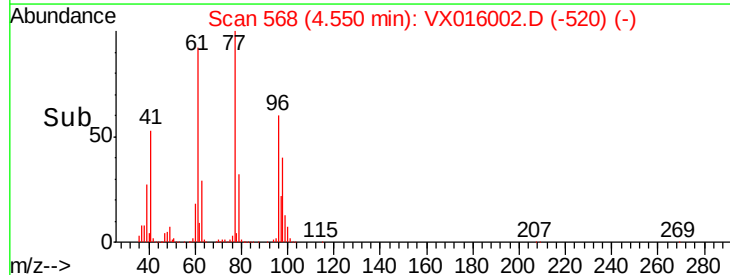
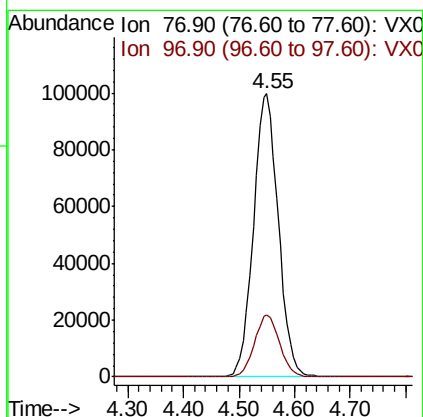
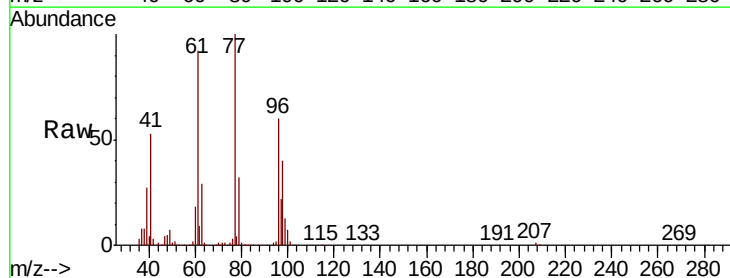
Acq: 01 May 2020 10:35

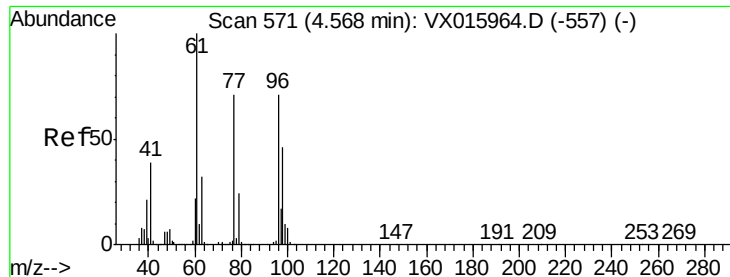
Tgt Ion: 77 Resp: 310631

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3



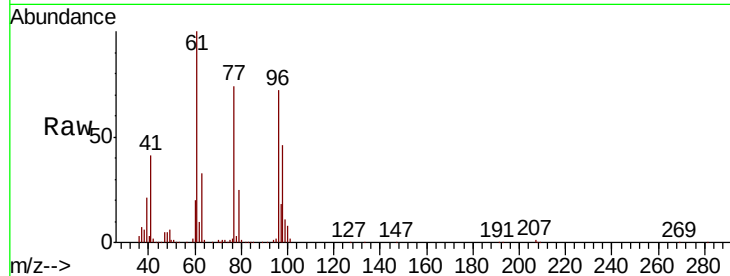


#27

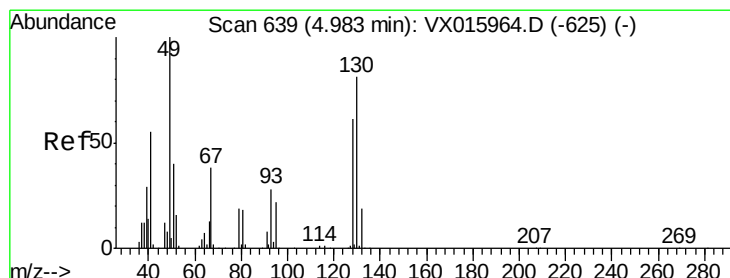
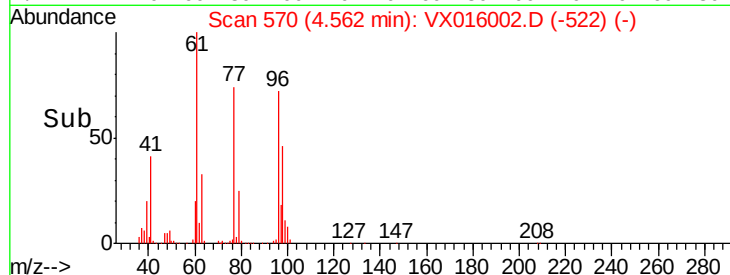
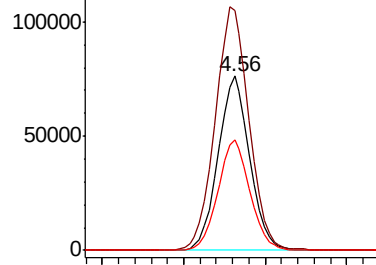
cis-1,2-Dichloroethene
Concen: 51.804 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	294.2
98	64.7	0.0	127.4



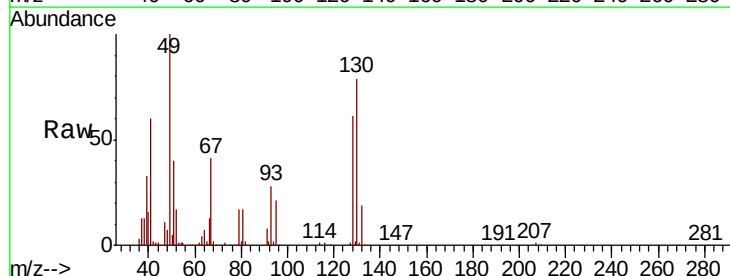
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



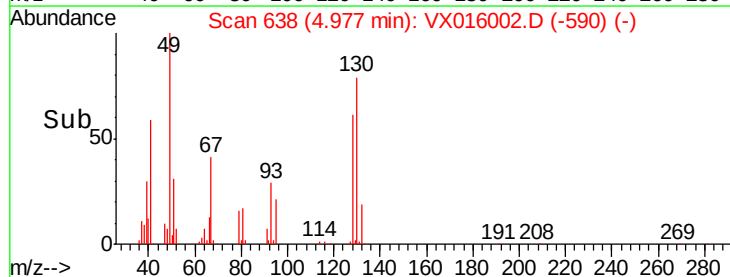
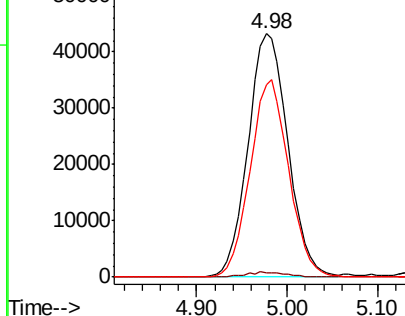
#28

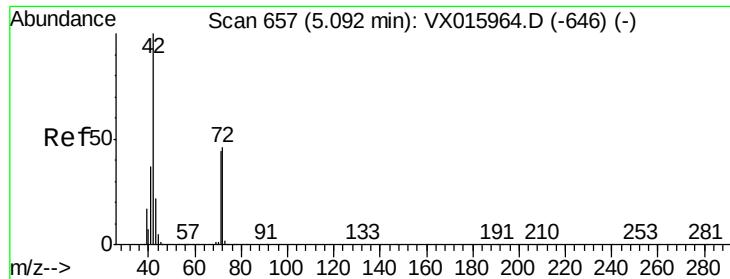
Bromochloromethane
Concen: 44.567 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	78.5	63.9	95.9



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

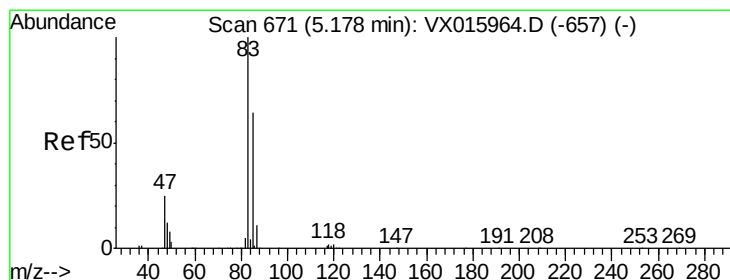
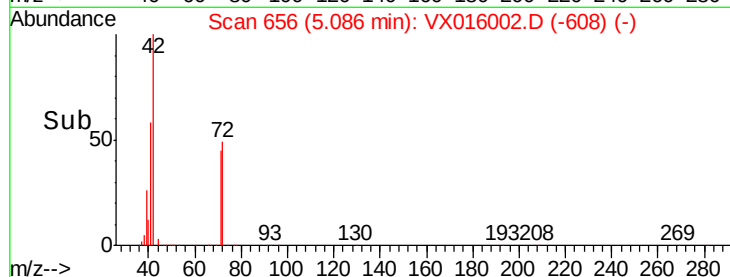
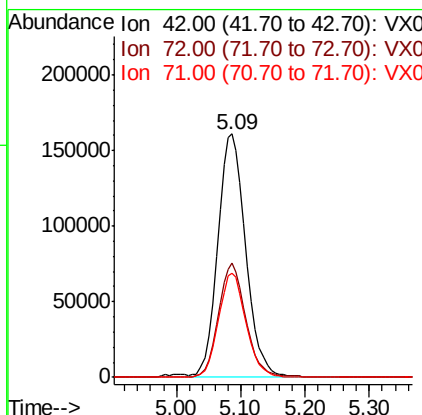
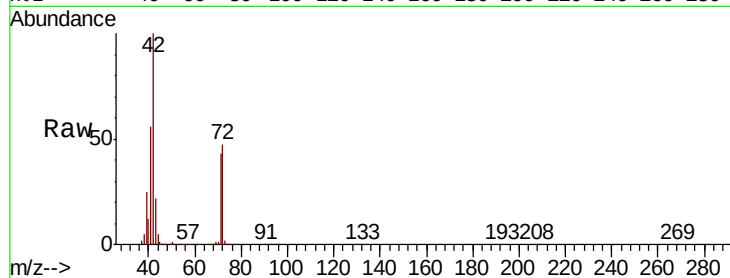




#29
Tetrahydrofuran
Concen: 255.505 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

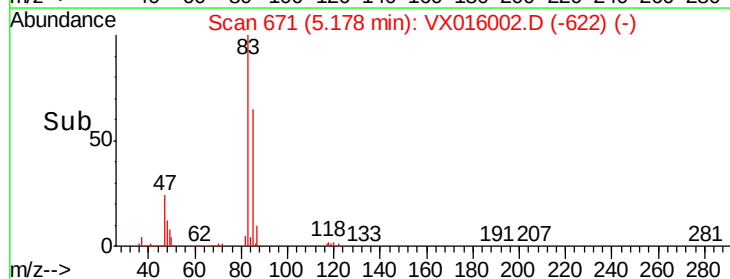
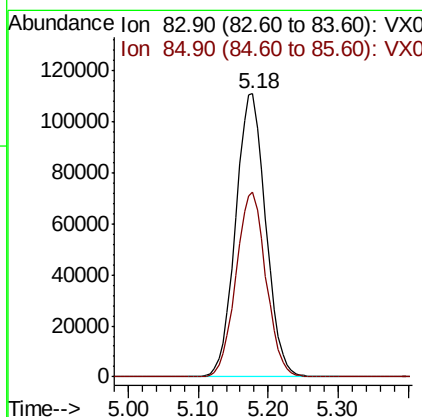
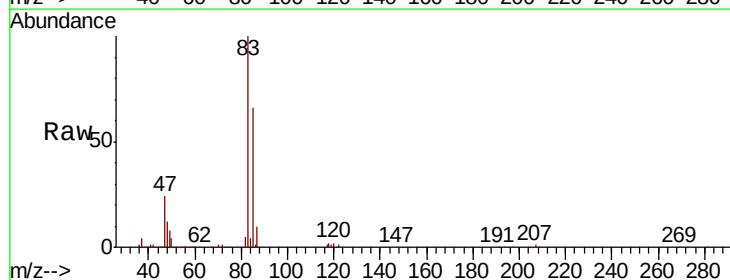
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

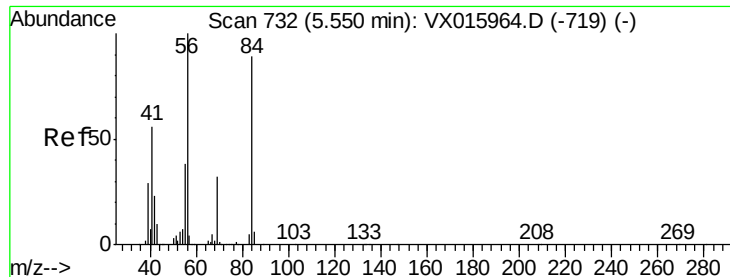
Tot Ion: 42 Resp: 489547
Ion Ratio Lower Upper
42 100
72 46.1 37.4 56.0
71 42.3 34.6 52.0



#30
Chloroform
Concen: 52.287 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 83 Resp: 331505
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.4

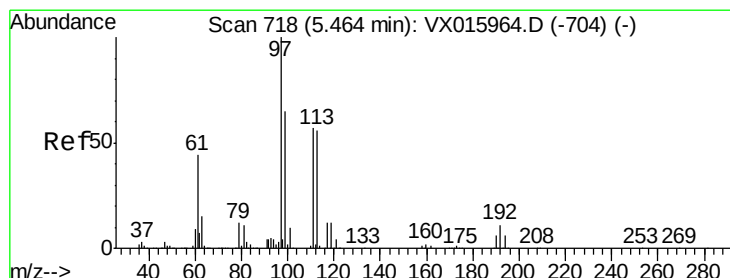
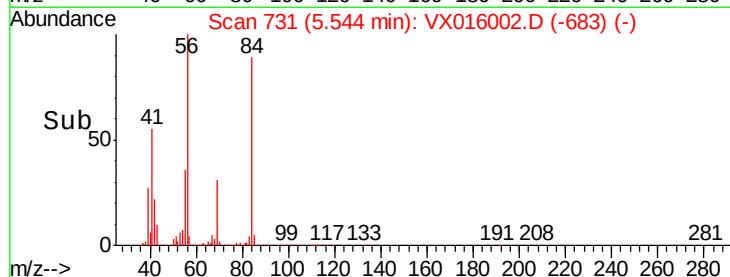
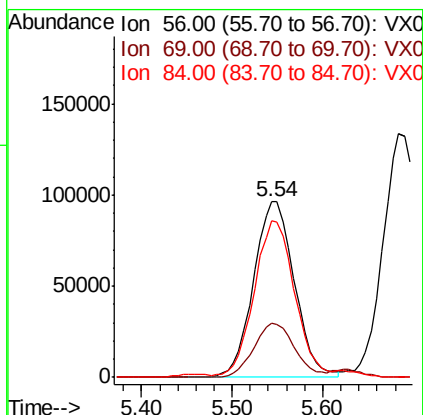
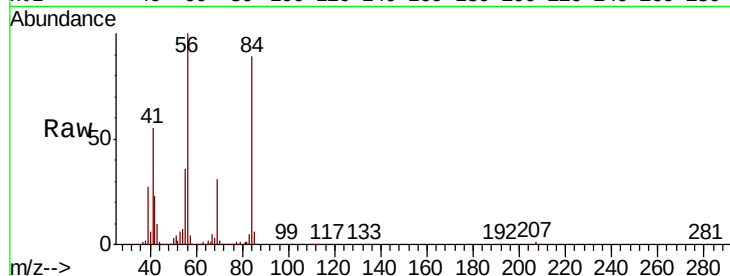




#31
Cyclohexane
Concen: 55.187 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

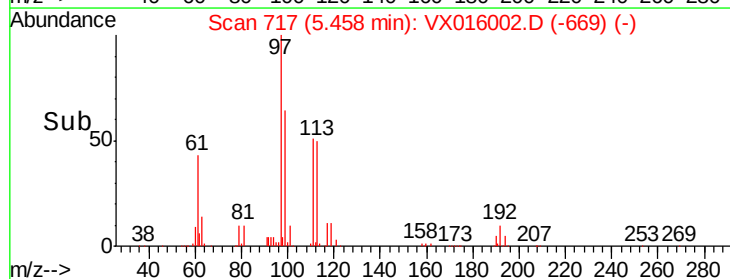
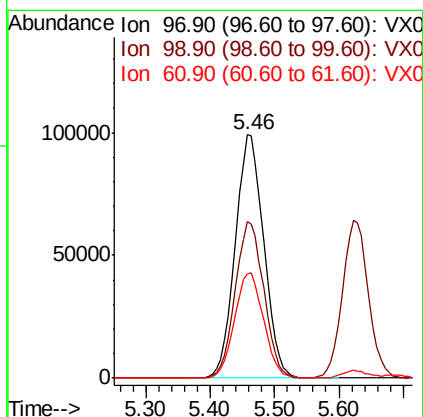
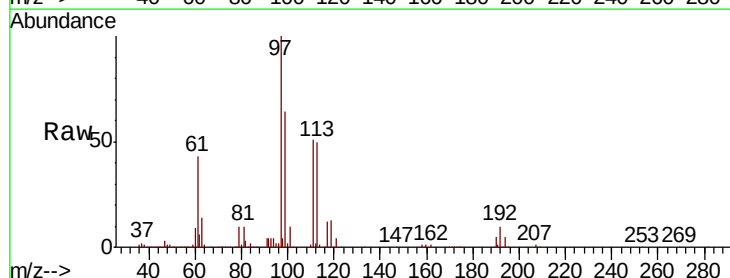
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

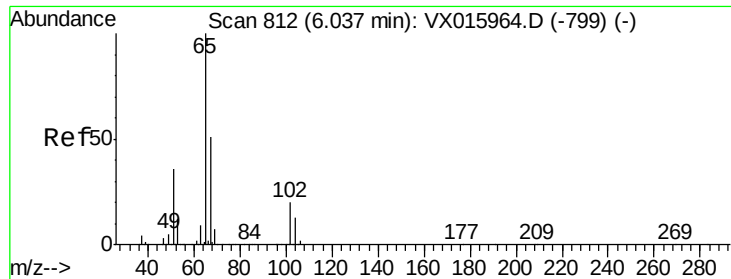
Tot Ion: 56 Resp: 299550
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.2
84 88.1 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 52.142 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 97 Resp: 304379
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 44.0 35.7 53.5

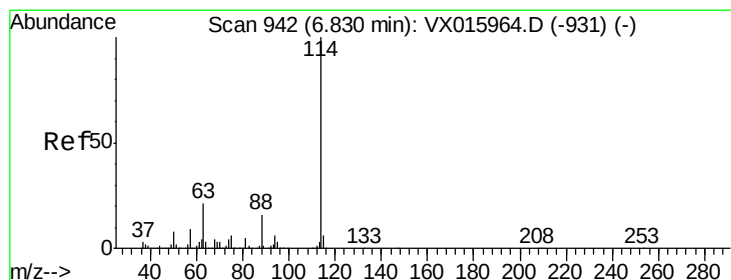
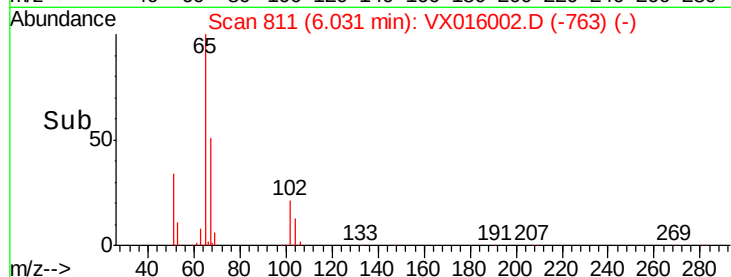
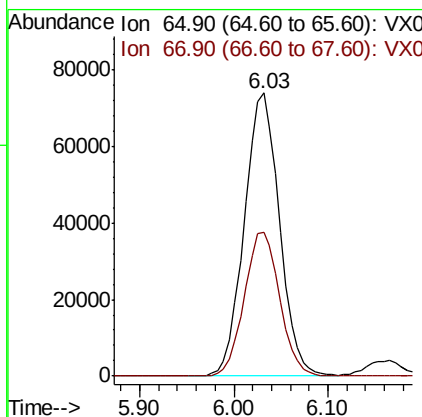
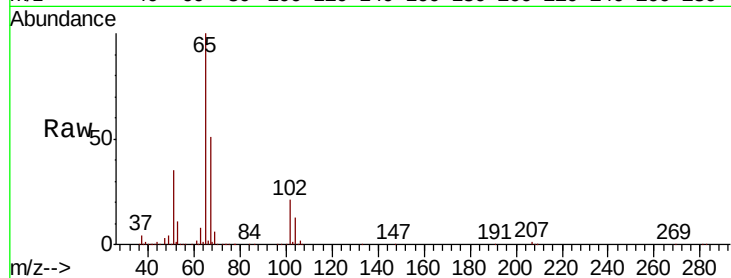




#33
 1,2-Dichloroethane-d4
 Concen: 45.594 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

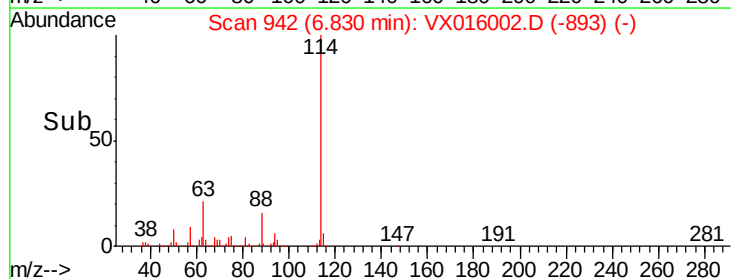
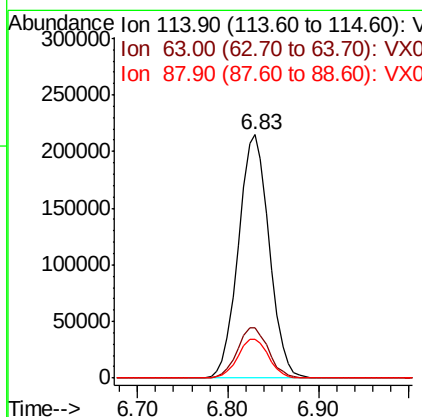
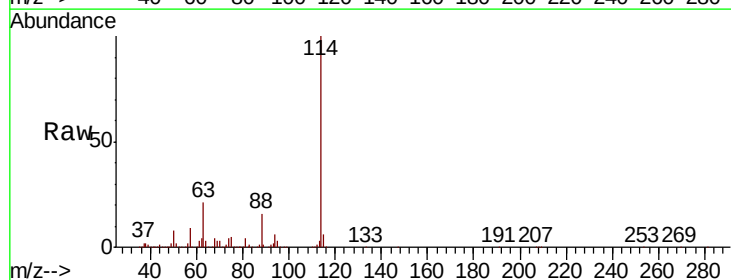
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

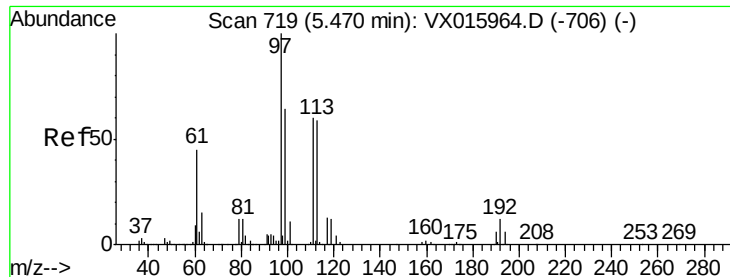
Tot Ion: 65 Resp: 192367
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Tgt Ion: 114 Resp: 503881
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.2
 88 15.9 0.0 31.8

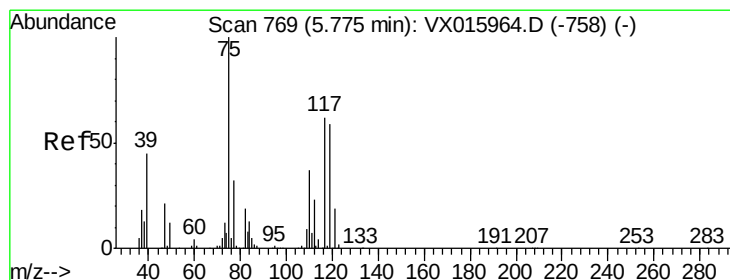
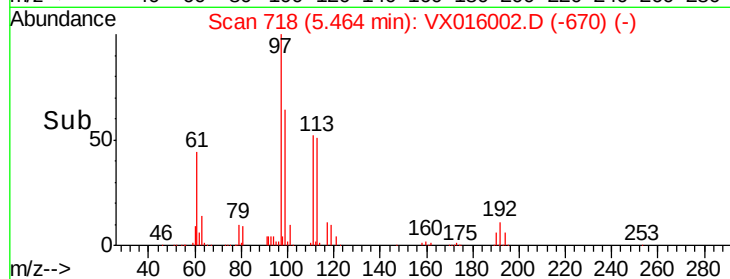
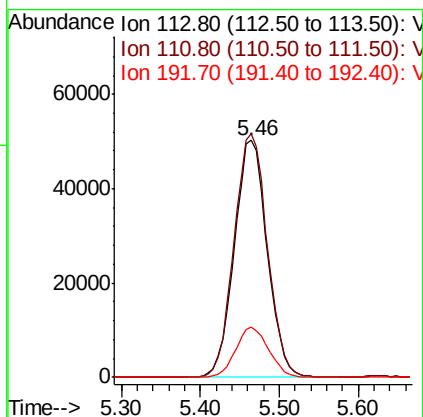
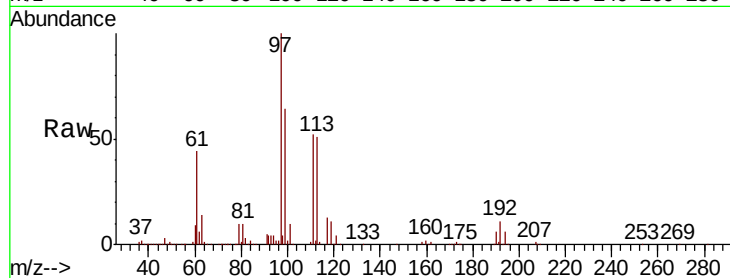




#35
 Dibromofluoromethane
 Concen: 46.346 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

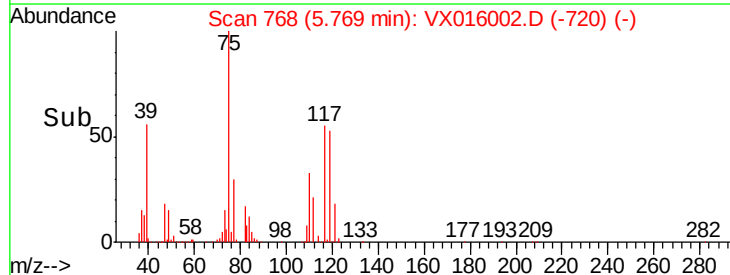
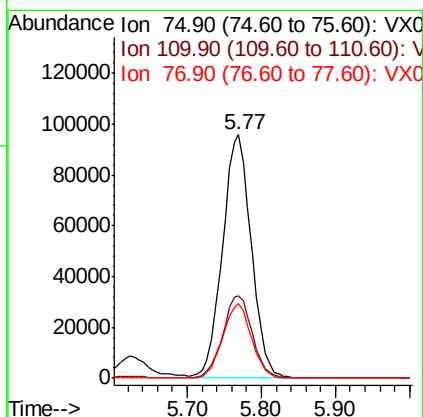
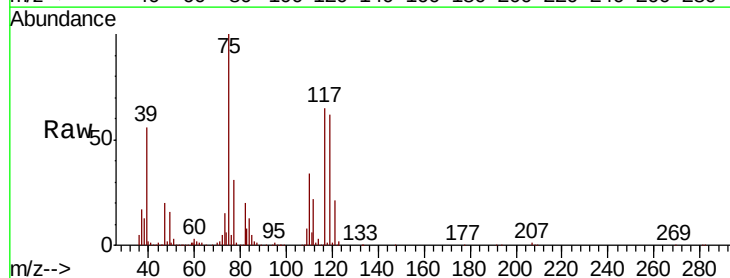
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

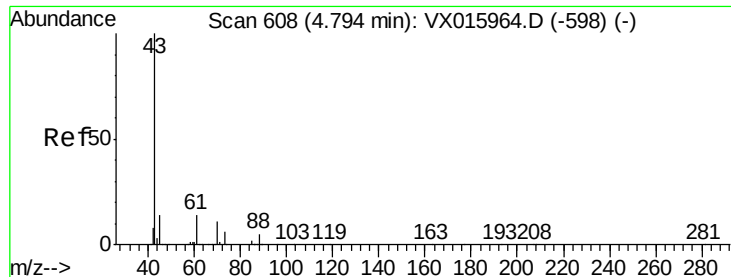
Tot Ion:113 Resp: 145675
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.8
 192 21.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 53.551 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Tgt Ion: 75 Resp: 257001
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.9 53.7
 77 30.7 25.2 37.8

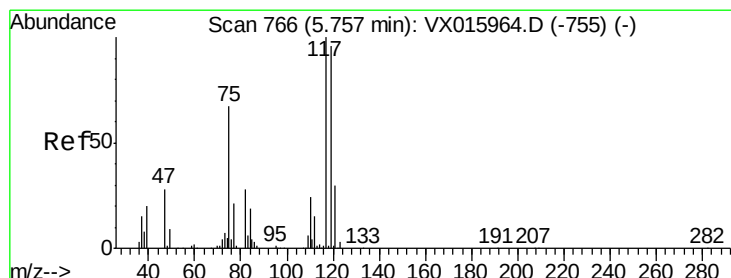
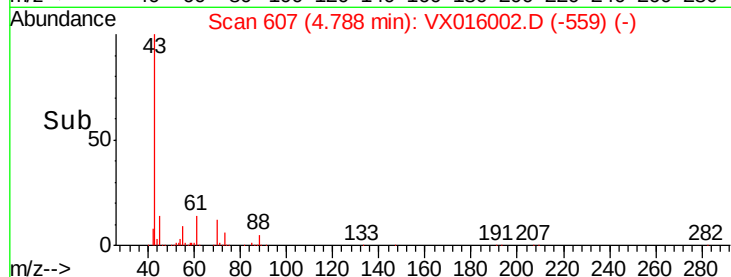
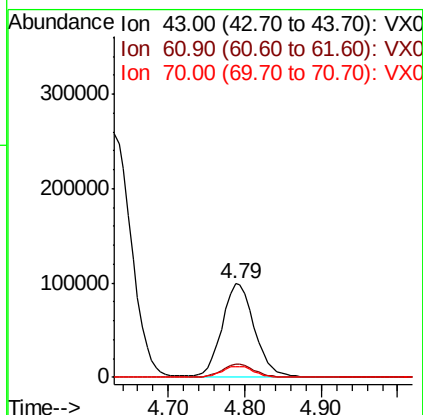
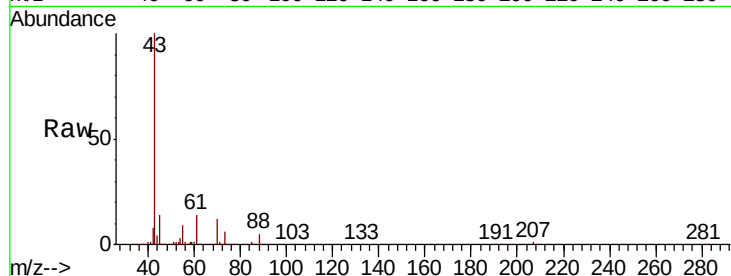




#37
Ethyl Acetate
Concen: 52.511 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

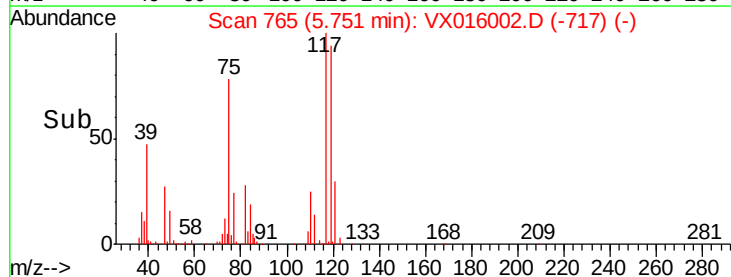
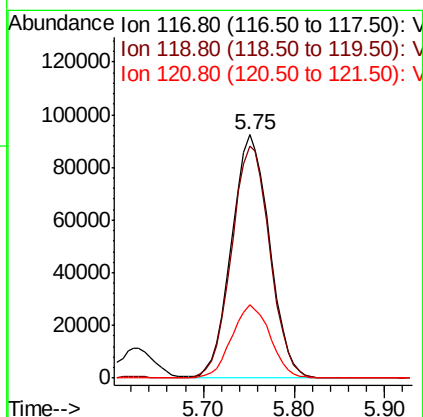
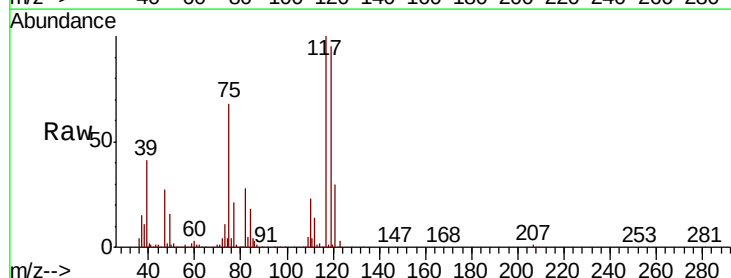
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

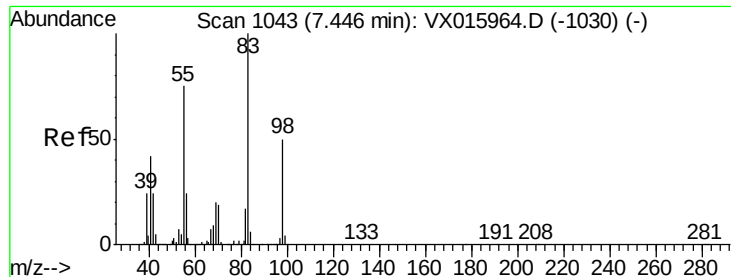
Tot Ion: 43 Resp: 288974
Ion Ratio Lower Upper
43 100
61 14.4 11.6 17.4
70 11.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.969 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 117 Resp: 268505
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4
121 30.3 24.2 36.4

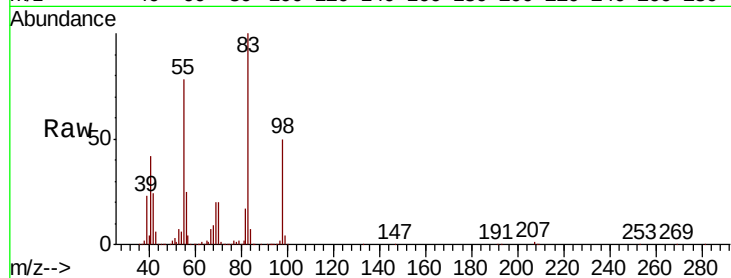




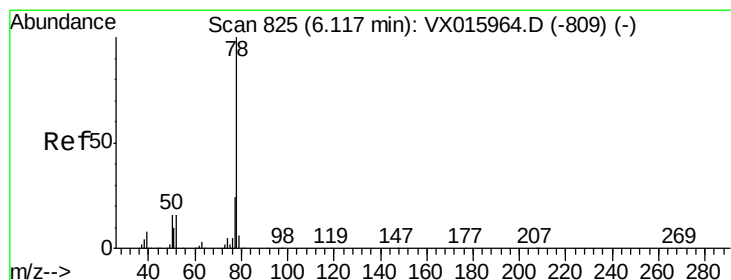
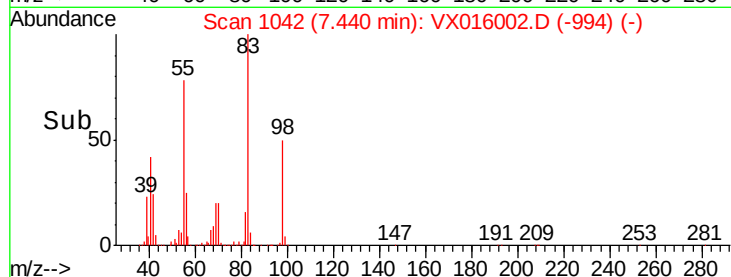
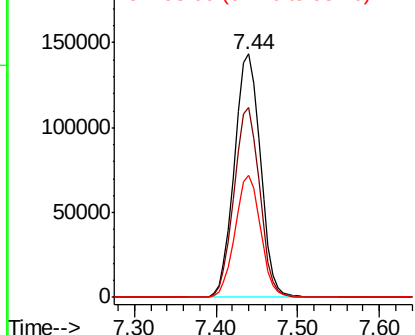
#39
Methylvlcyclohexane
Concen: 56.916 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 315951
Ion Ratio Lower Upper
83 100
55 78.1 59.9 89.9
98 50.4 39.9 59.9

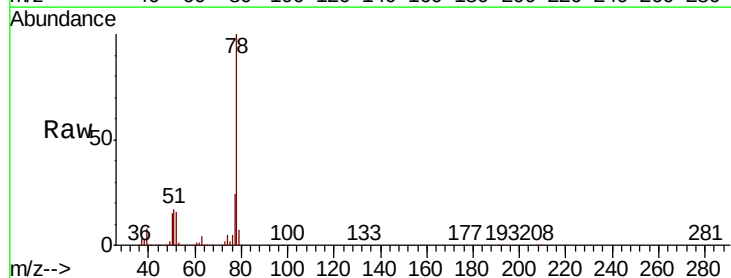


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

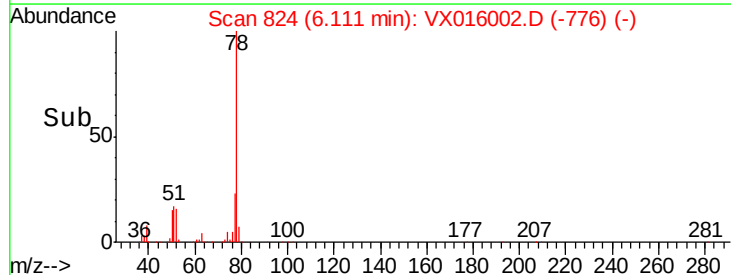
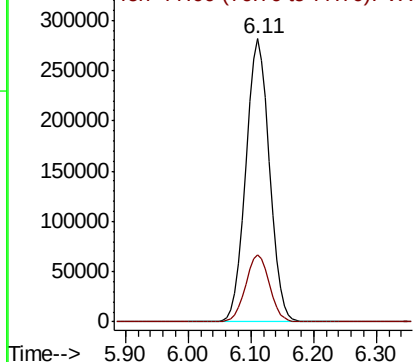


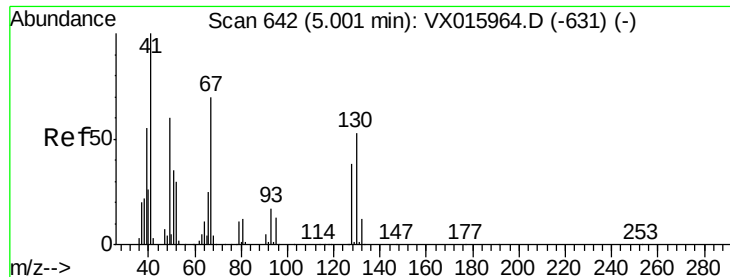
#40
Benzene
Concen: 53.503 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 78 Resp: 732632
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

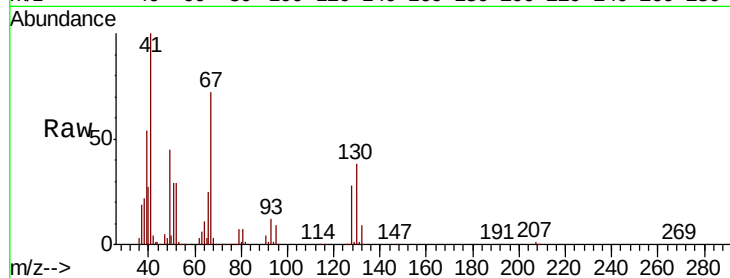




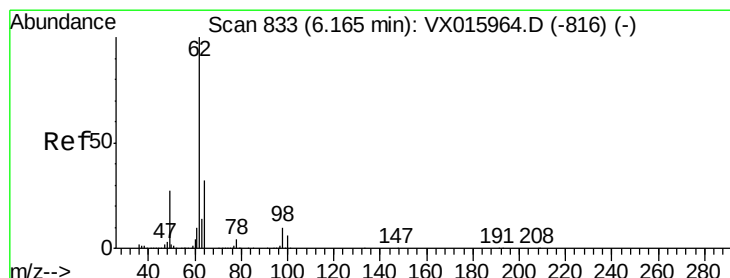
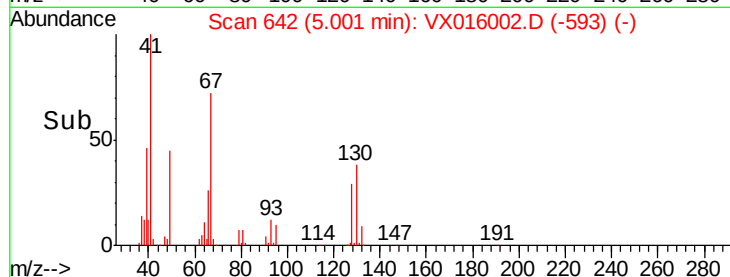
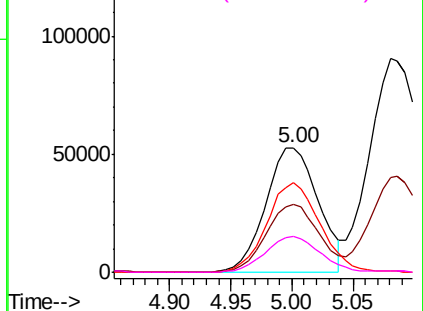
#41
Methacrylonitrile
Concen: 53.265 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	156899
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.2	67.8
67	73.4	59.4	89.2
52	30.1	25.4	38.0

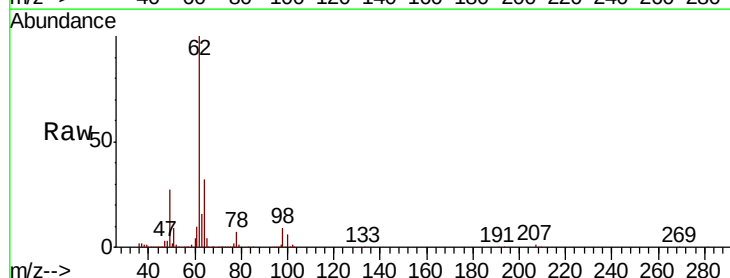


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

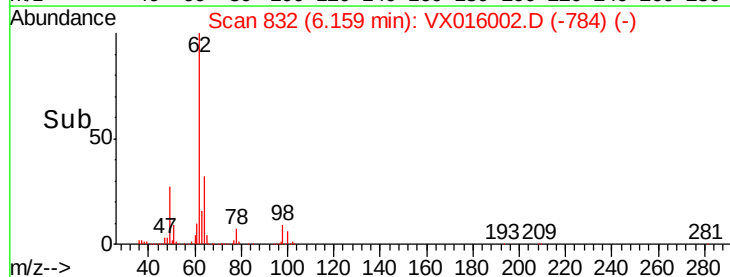
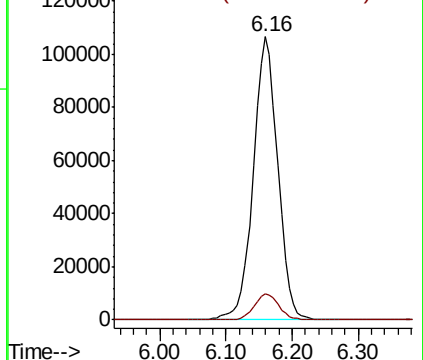


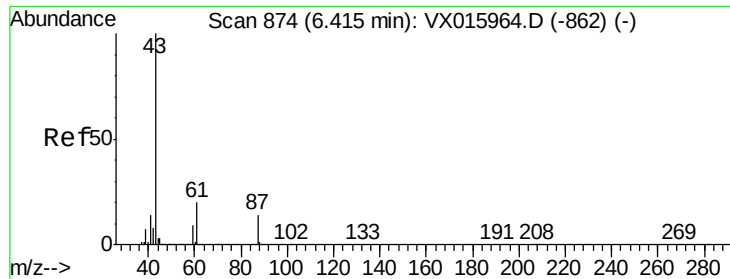
#42
1,2-Dichloroethane
Concen: 51.856 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion:	62	Resp:	275132
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 52.277 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

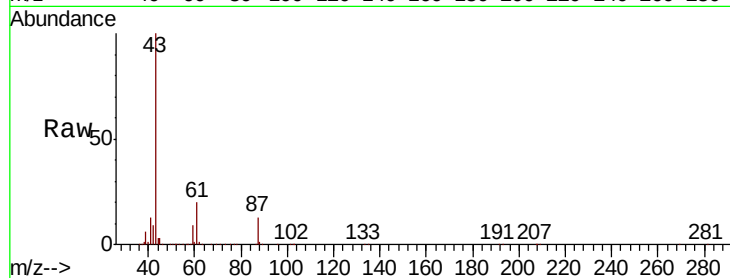
Tot Ion: 43 Resp: 476391

Ion Ratio Lower Upper

43 100

61 20.6 16.1 24.1

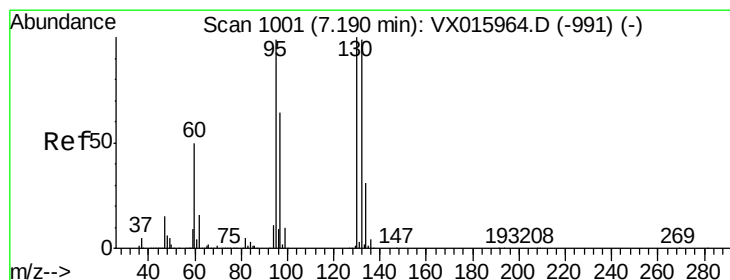
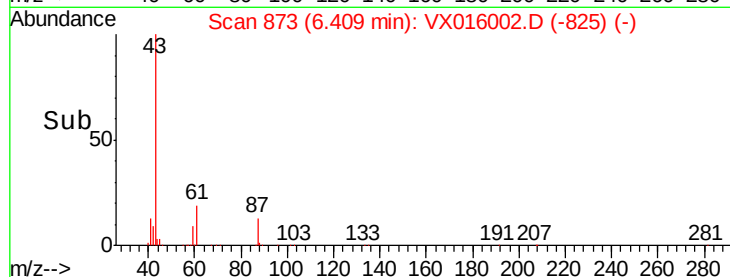
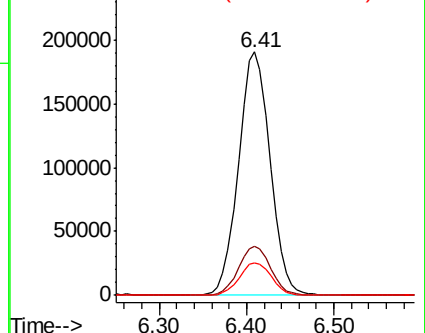
87 13.8 10.9 16.3



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: 55.005 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016002.D

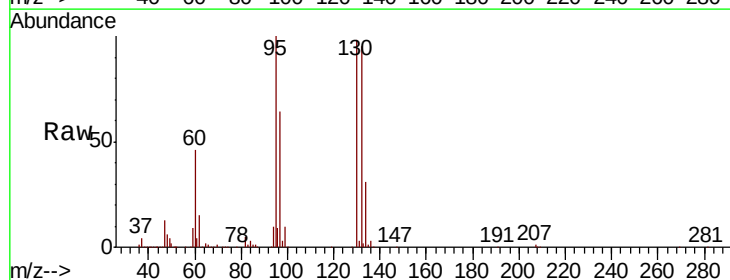
Acq: 01 May 2020 10:35

Tgt Ion:130 Resp: 271487

Ion Ratio Lower Upper

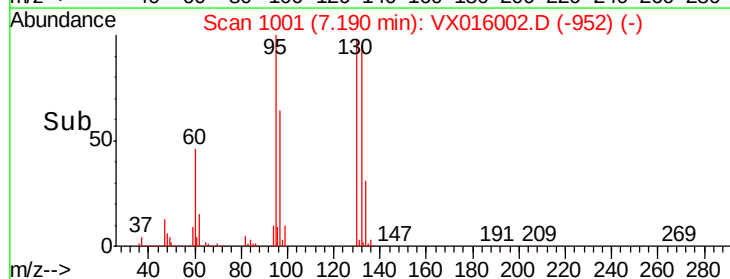
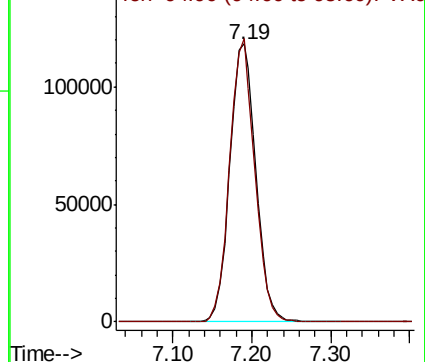
130 100

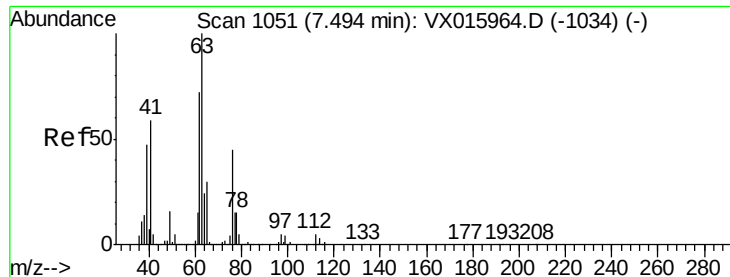
95 101.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.517 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

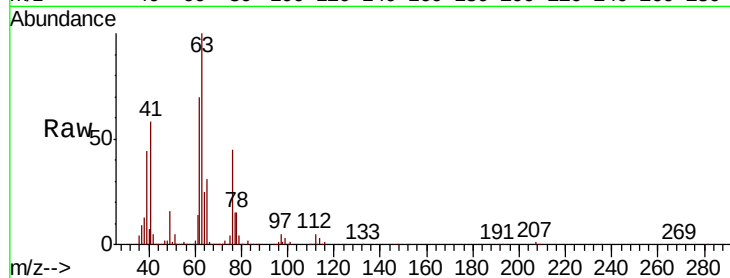
VSTDCCC050

Tot Ion: 63 Resp: 189395

Ion Ratio Lower Upper

63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

100000

80000

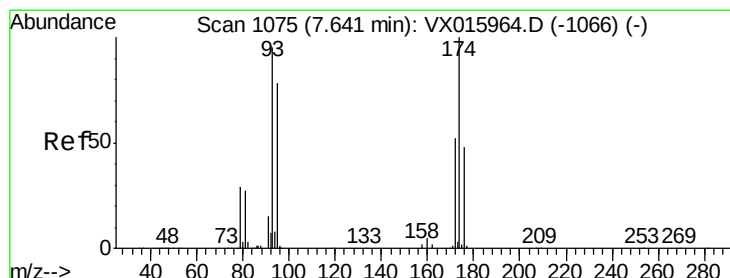
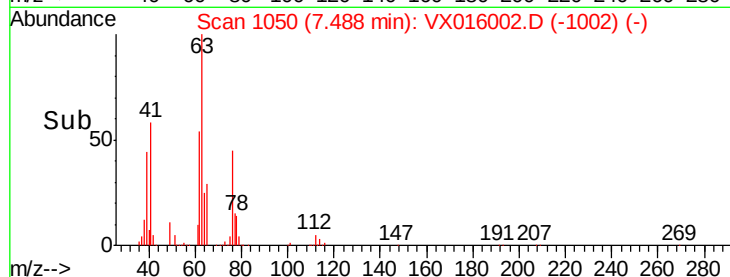
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 50.877 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

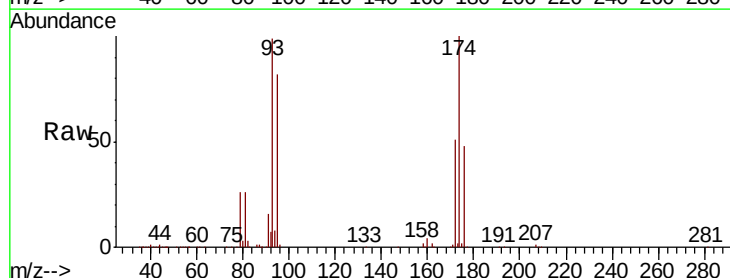
Tgt Ion: 93 Resp: 127939

Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

174 104.7 82.7 124.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

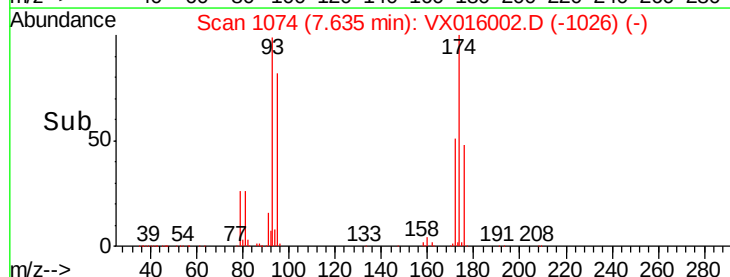
60000

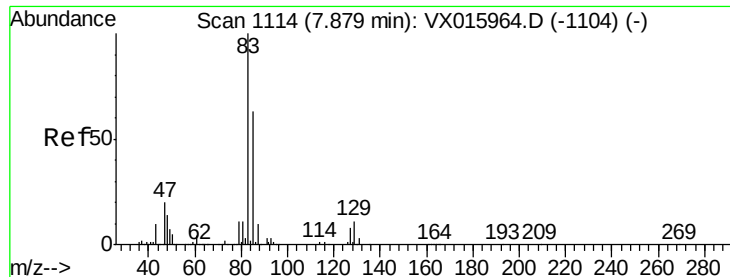
40000

20000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 53.942 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

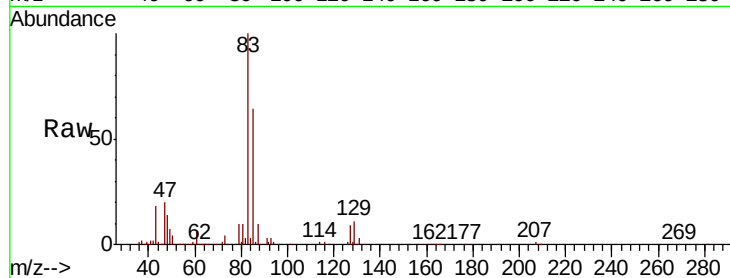
Tot Ion: 83 Resp: 269556

Ion Ratio Lower Upper

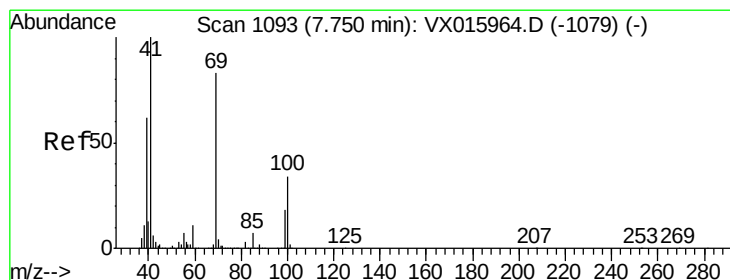
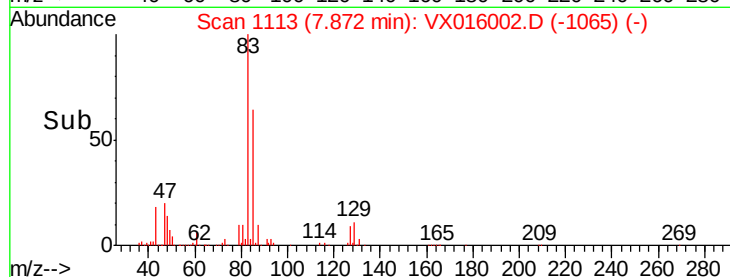
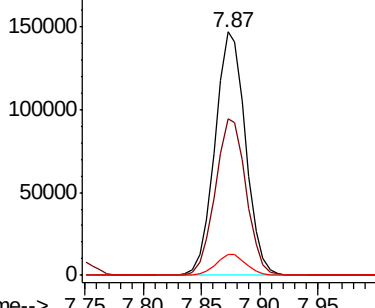
83 100

85 64.2 50.6 75.8

127 8.7 6.7 10.1



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



#48

Methyl methacrylate

Concen: 54.135 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

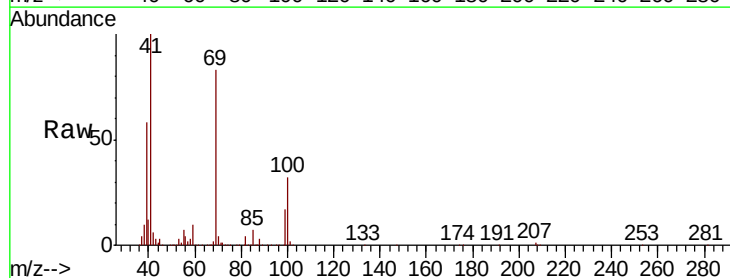
Tgt Ion: 41 Resp: 227767

Ion Ratio Lower Upper

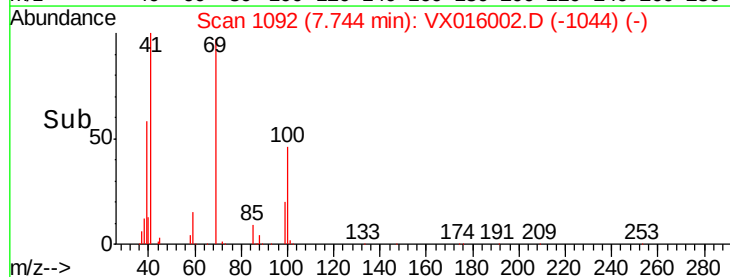
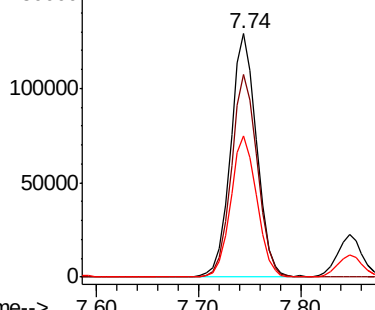
41 100

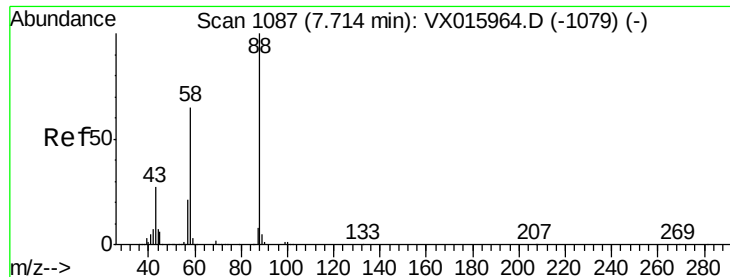
69 83.3 66.0 99.0

39 58.2 49.0 73.4



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: 1018.106 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

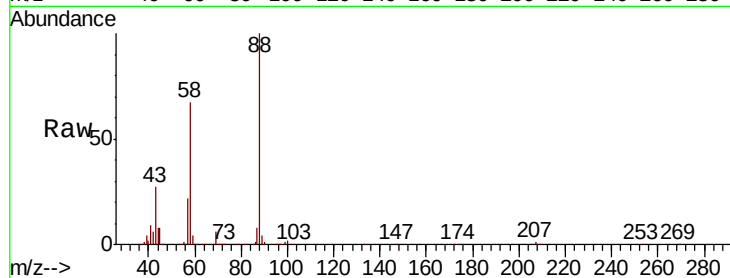
Tot Ion: 88 Resp: 100771

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

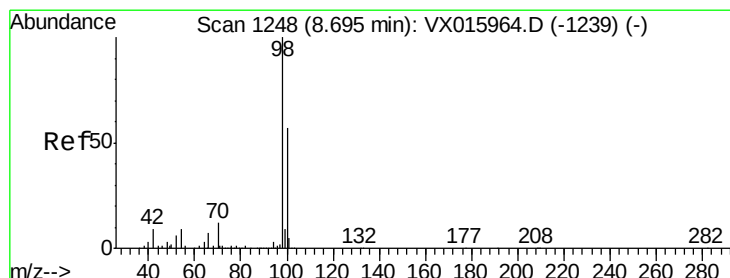
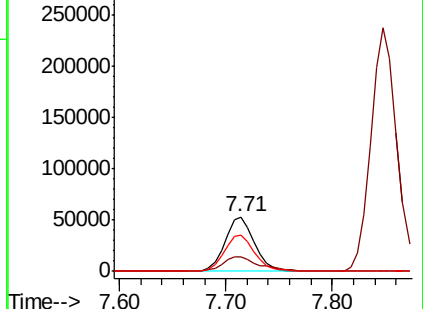
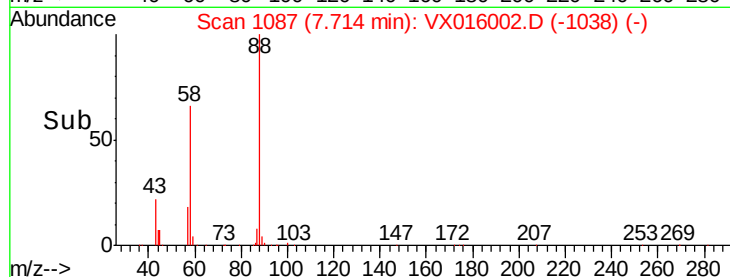
58 70.2 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.123 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016002.D

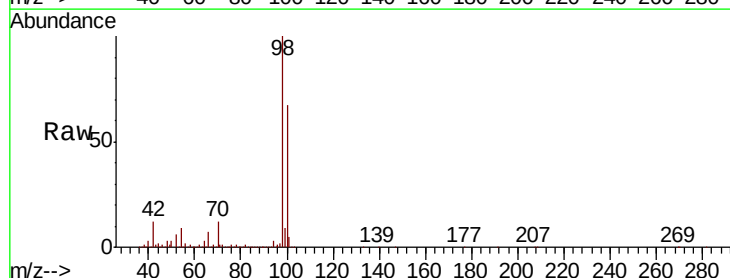
Acq: 01 May 2020 10:35

Tgt Ion: 98 Resp: 565554

Ion Ratio Lower Upper

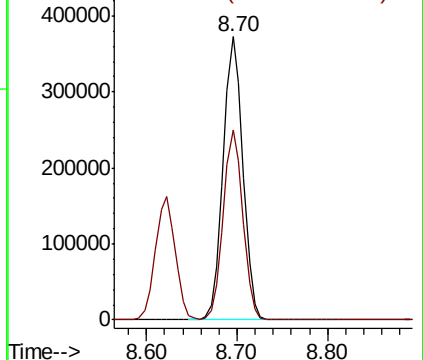
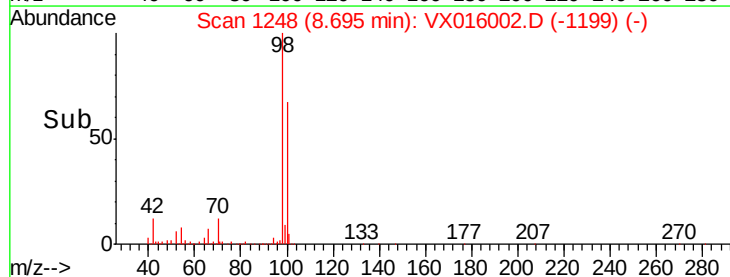
98 100

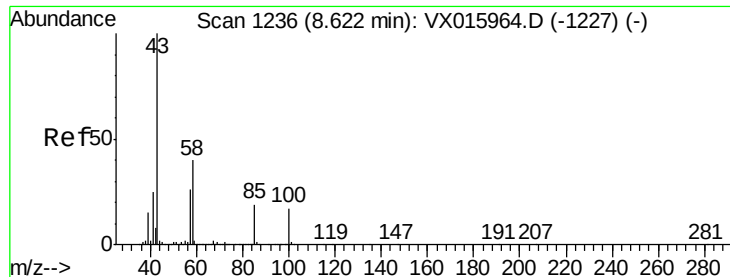
100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 264.565 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

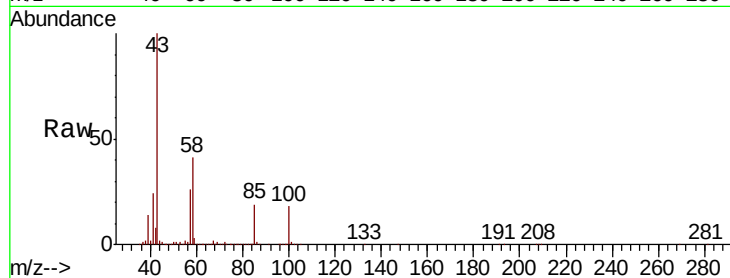
VSTDCCC050

Tot Ion: 43 Resp: 1462383

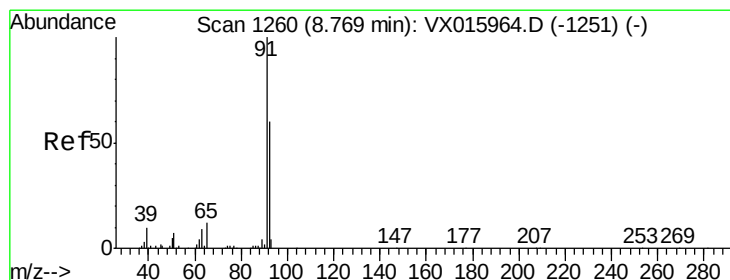
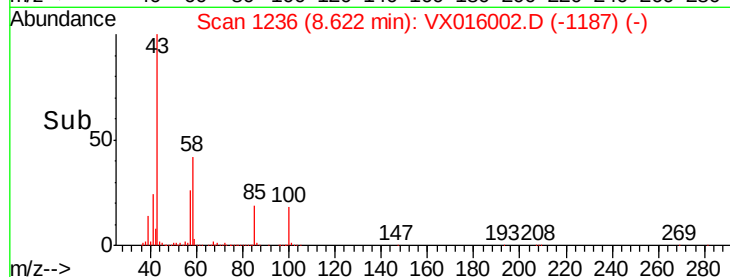
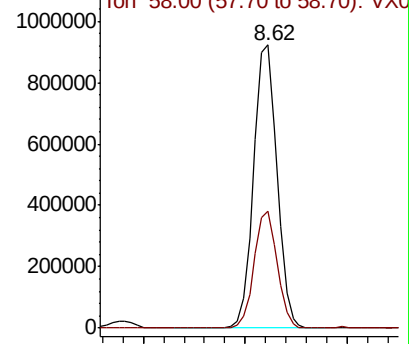
Ion Ratio Lower Upper

43 100

58 40.6 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VX0



#52

Toluene

Concen: 54.470 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016002.D

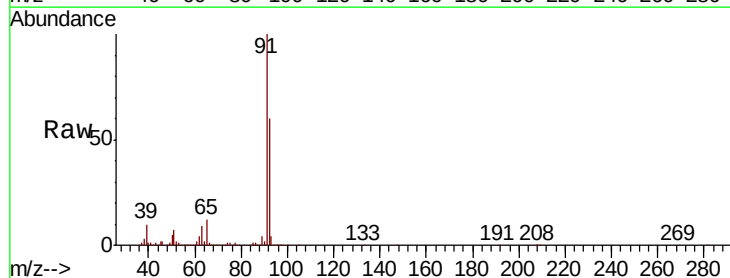
Acq: 01 May 2020 10:35

Tgt Ion: 92 Resp: 473458

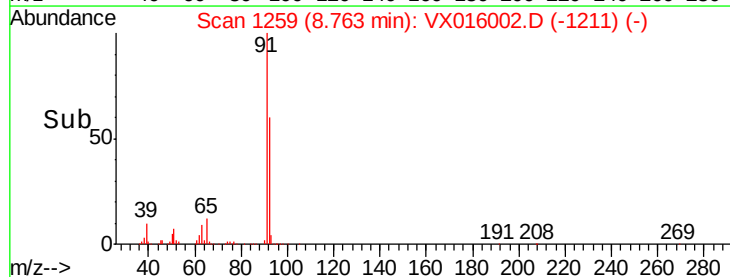
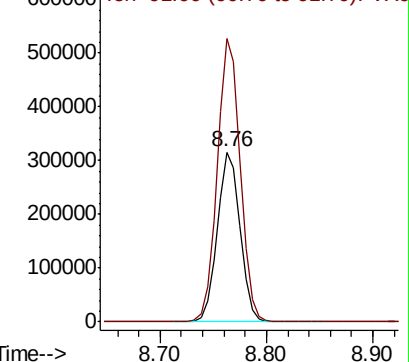
Ion Ratio Lower Upper

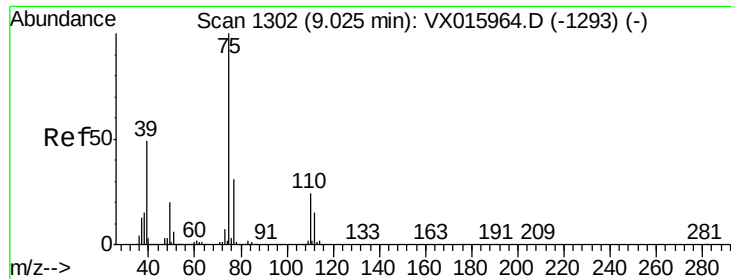
92 100

91 167.8 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.065 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

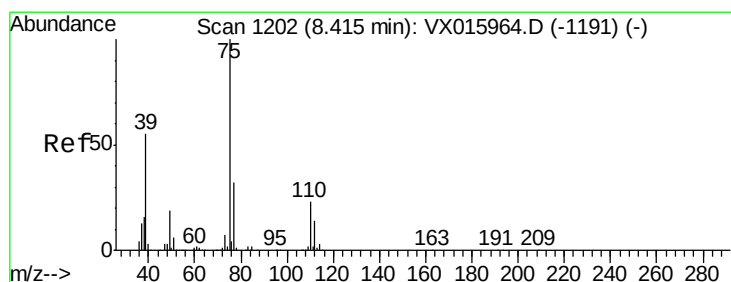
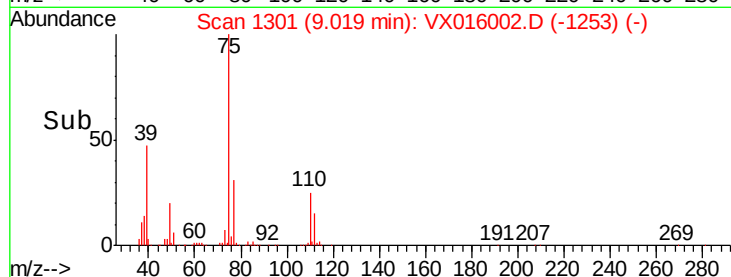
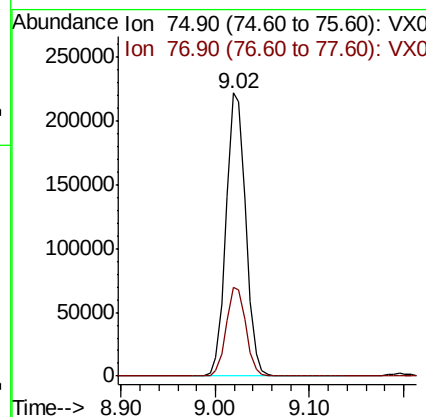
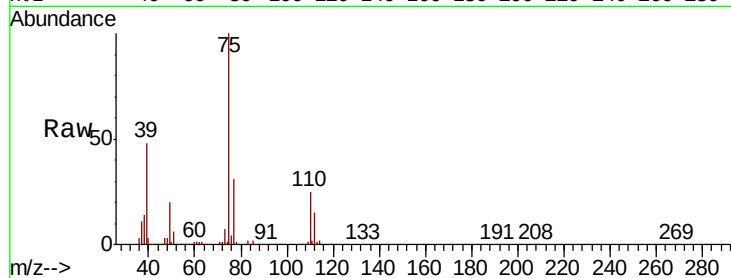
VSTDCCC050

Tot Ion: 75 Resp: 320569

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 53.967 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

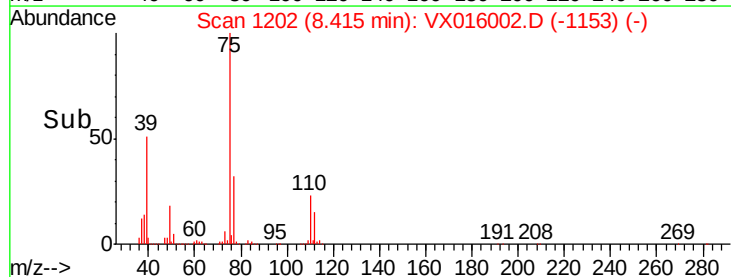
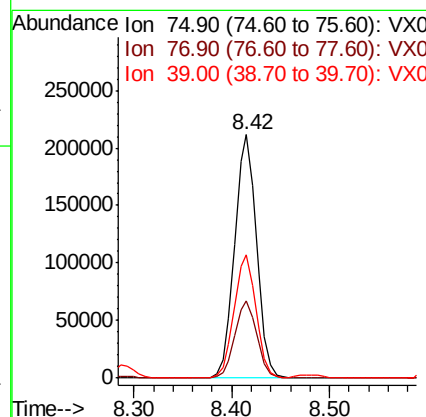
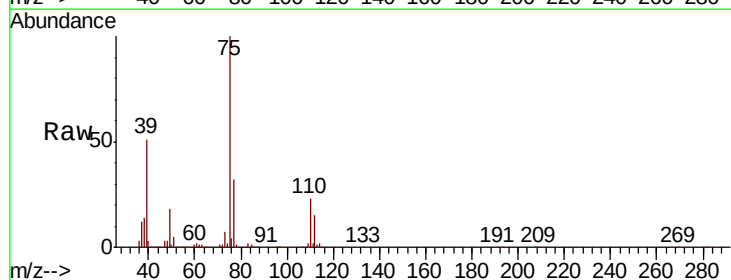
Tgt Ion: 75 Resp: 329105

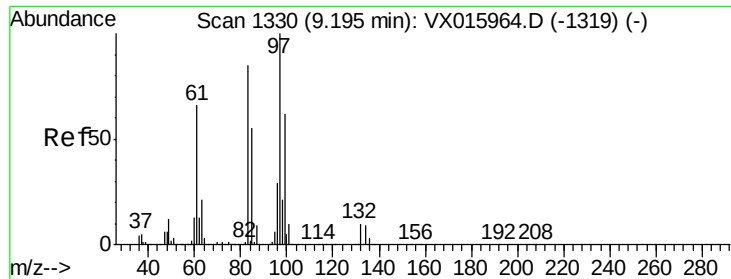
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 50.7 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 53.709 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 186563

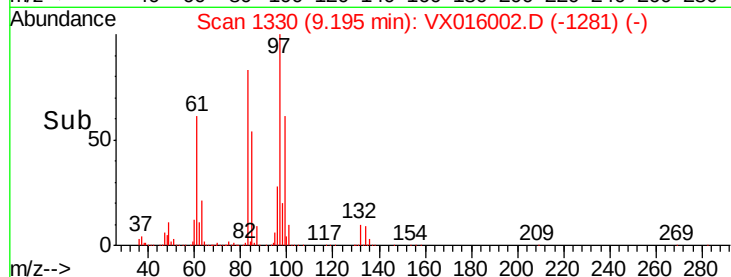
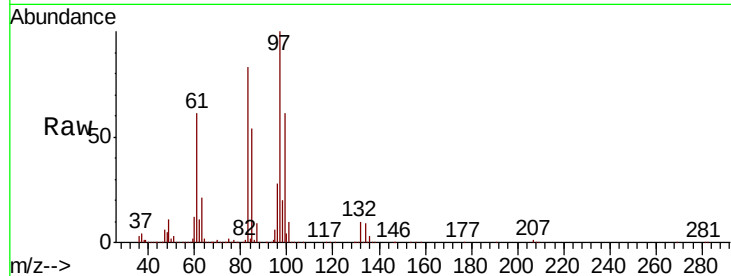
Ion Ratio Lower Upper

97 100

83 83.4 68.2 102.2

85 53.9 43.7 65.5

99 61.0 49.7 74.5

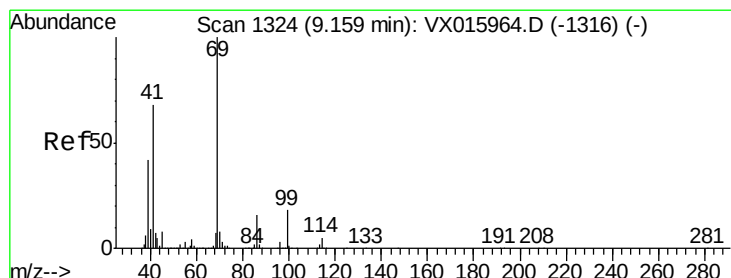
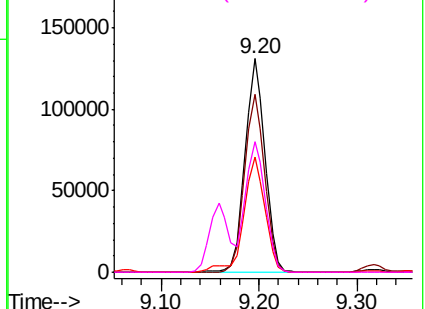


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 55.099 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

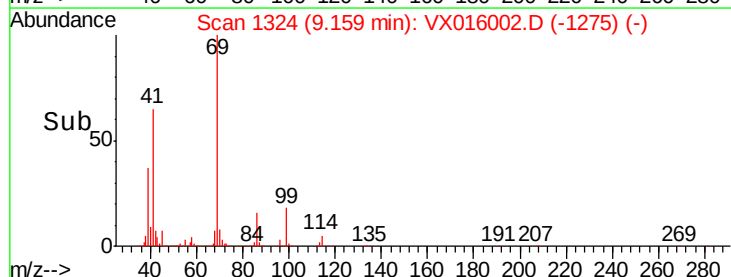
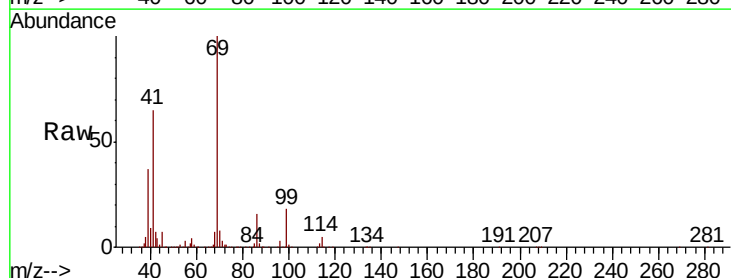
Tgt Ion: 69 Resp: 311208

Ion Ratio Lower Upper

69 100

41 65.8 53.5 80.3

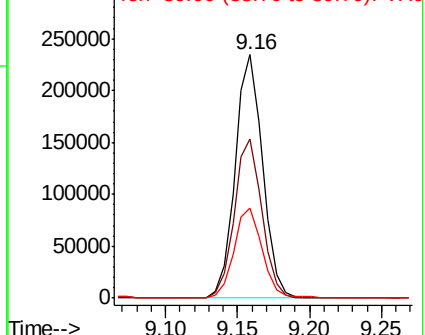
39 38.3 33.4 50.0

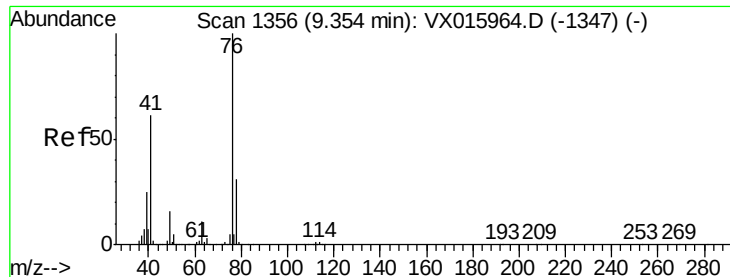


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.687 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

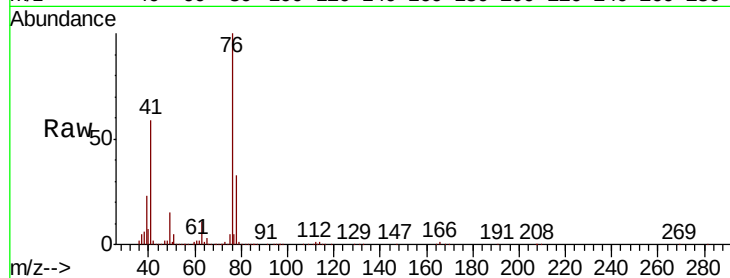
VSTDCCC050

Tot Ion: 76 Resp: 320416

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

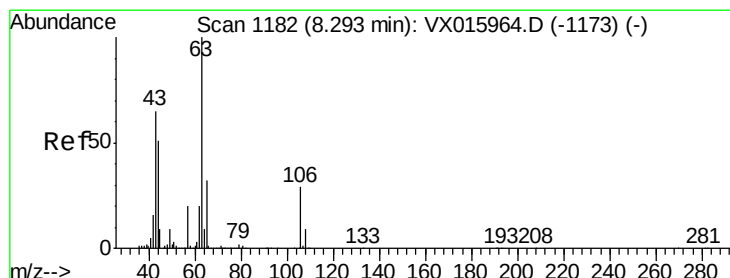
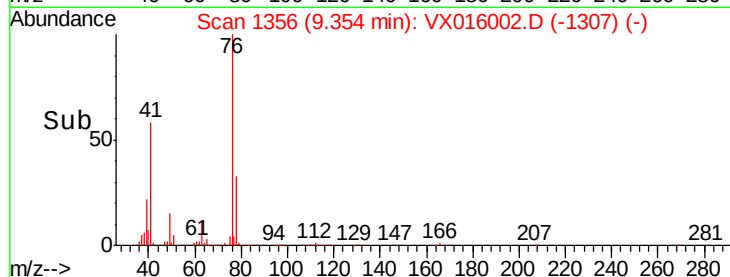
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 277.997 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016002.D

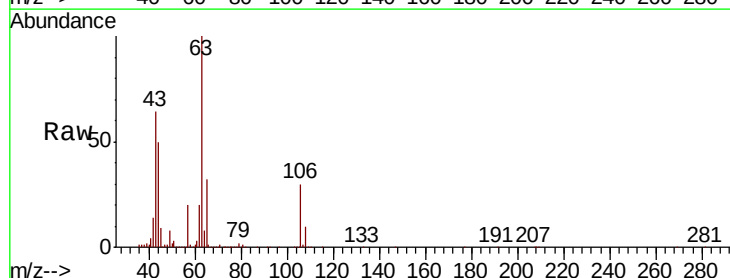
Acq: 01 May 2020 10:35

Tgt Ion: 63 Resp: 811408

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

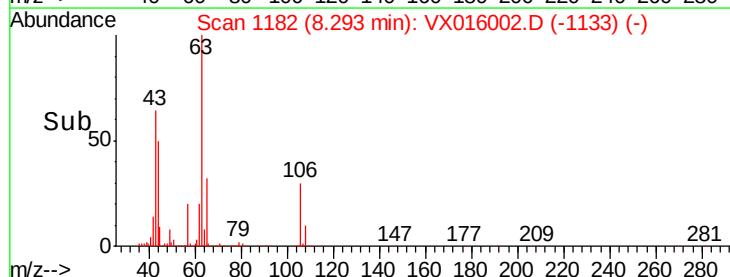
300000

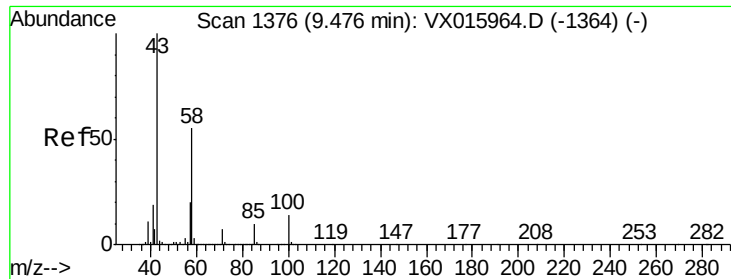
200000

100000

0

Time-->

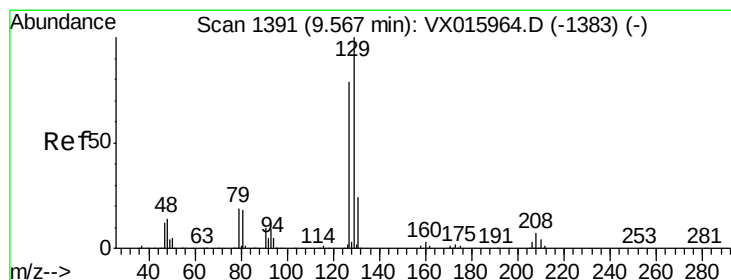
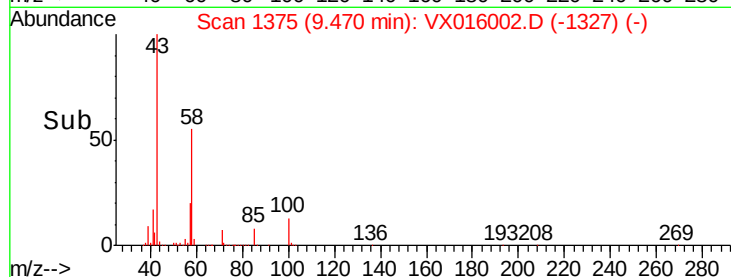
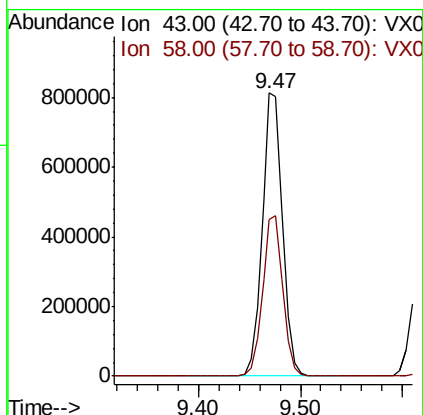
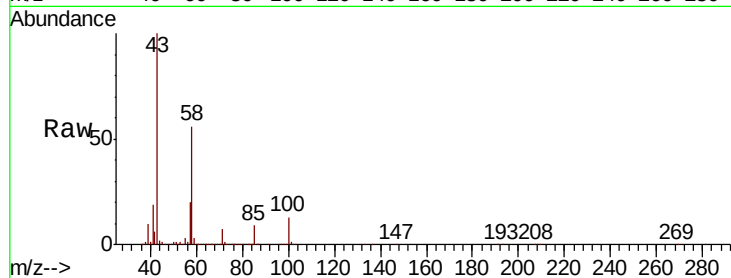




#59
2-Hexanone
Concen: 261.012 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

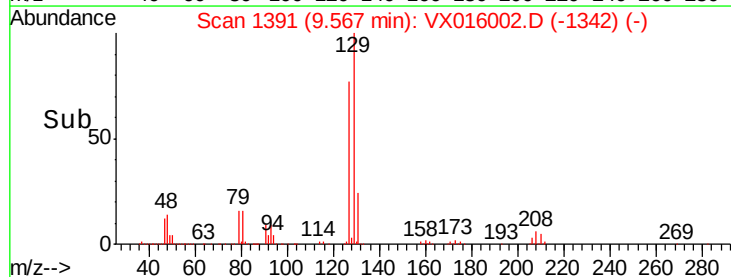
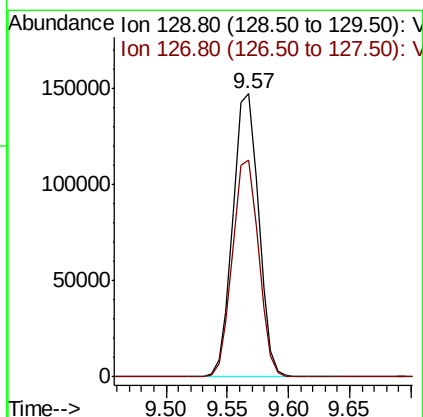
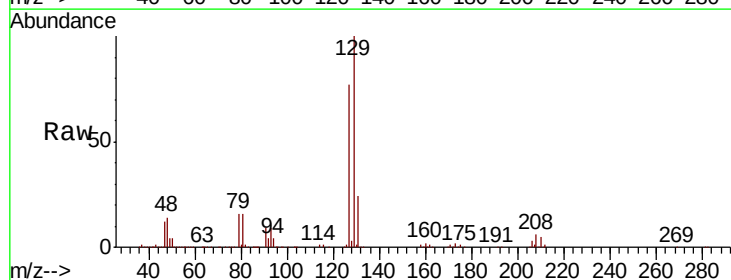
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

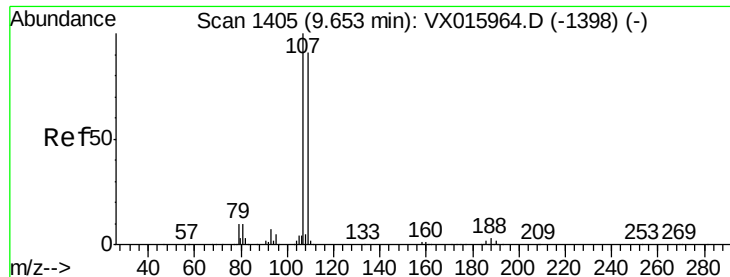
Tot Ion: 43 Resp: 1127515
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1



#60
Dibromochloromethane
Concen: 55.210 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 129 Resp: 214650
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.1





#61

1,2-Dibromoethane

Concen: 53.015 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

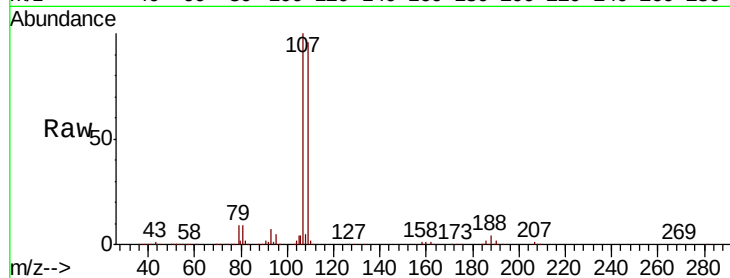
VSTDCCC050

Tot Ion: 107 Resp: 199694

Ion Ratio Lower Upper

107 100

109 94.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

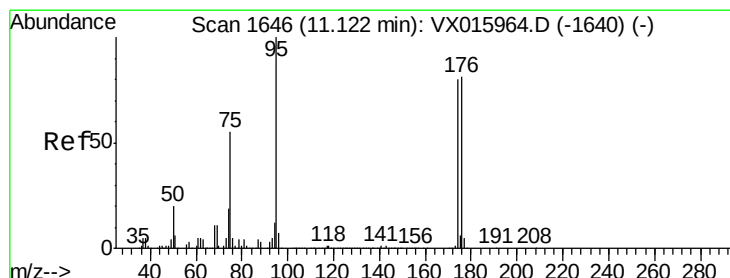
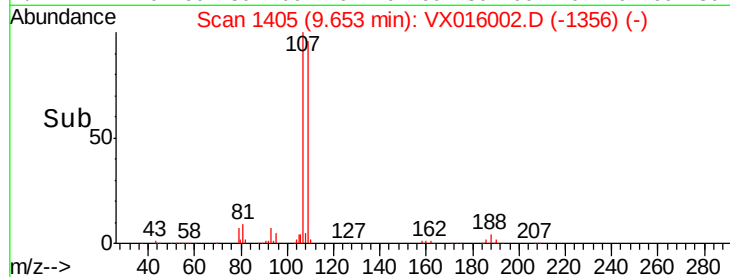
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.692 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

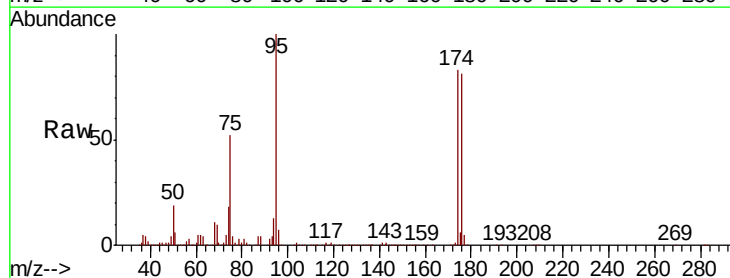
Tgt Ion: 95 Resp: 219831

Ion Ratio Lower Upper

95 100

174 82.2 0.0 165.0

176 80.7 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

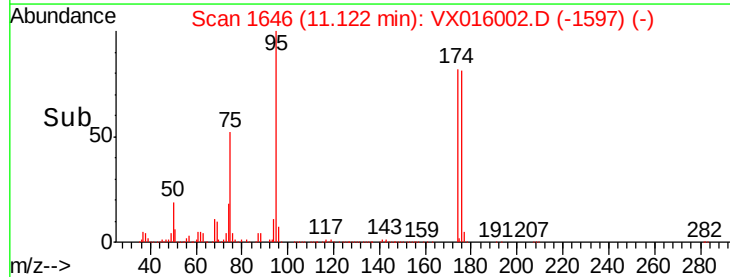
150000

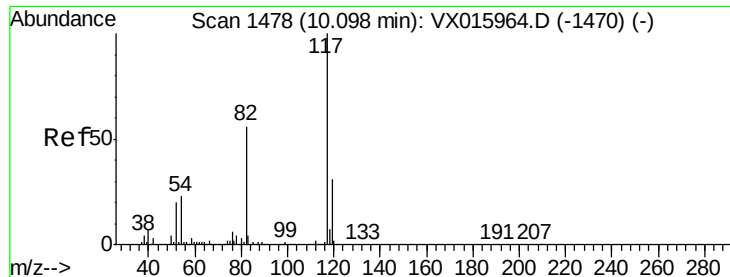
100000

50000

0

Time-->

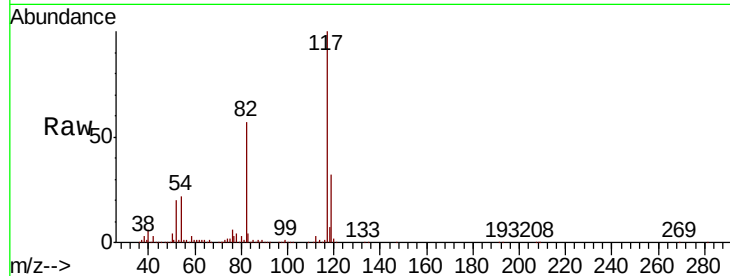




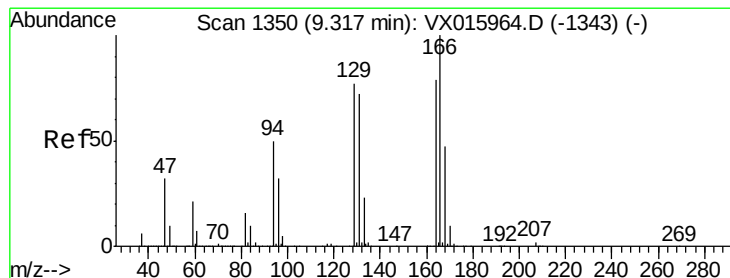
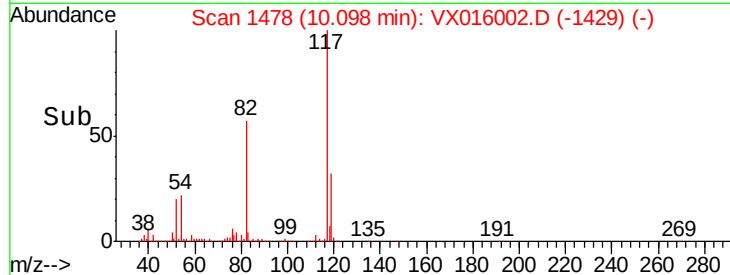
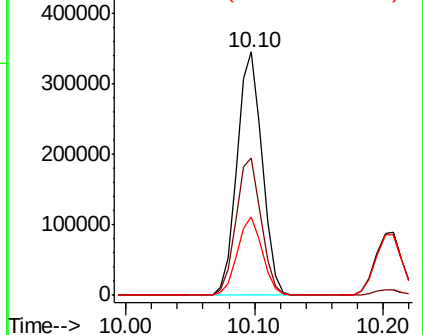
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 467415
Ion Ratio Lower Upper
117 100
82 56.5 44.5 66.7
119 32.4 25.0 37.6



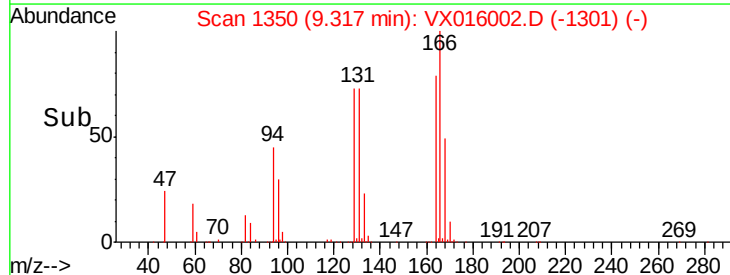
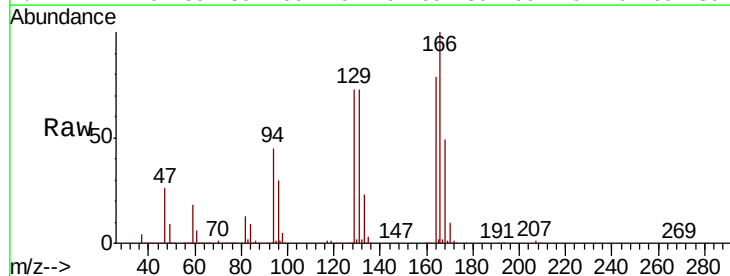
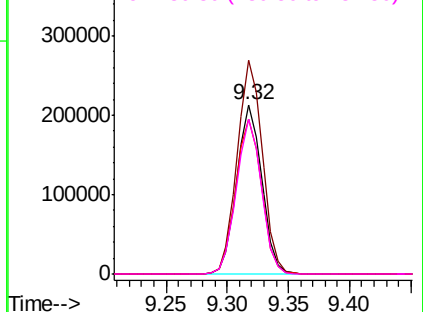
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

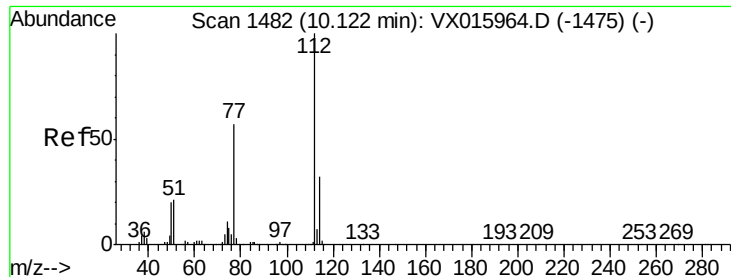


#64
Tetrachloroethene
Concen: 54.213 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion:164 Resp: 300610
Ion Ratio Lower Upper
164 100
166 126.2 101.0 151.4
129 91.7 77.4 116.0
131 91.6 72.2 108.2

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





#65

Chlorobenzene

Concen: 53.391 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

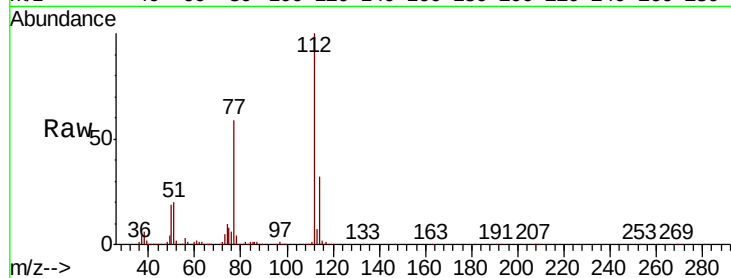
VSTDCCC050

Tot Ion:112 Resp: 508288

Ion Ratio Lower Upper

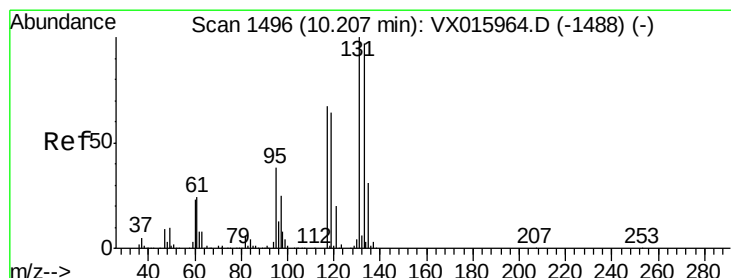
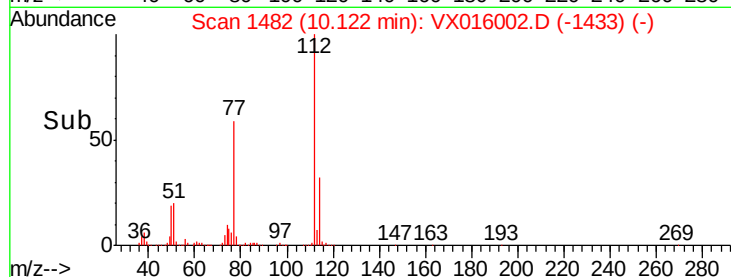
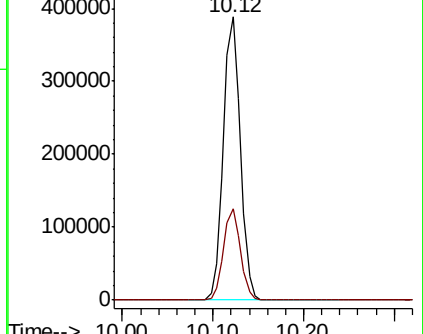
112 100

114 32.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.389 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

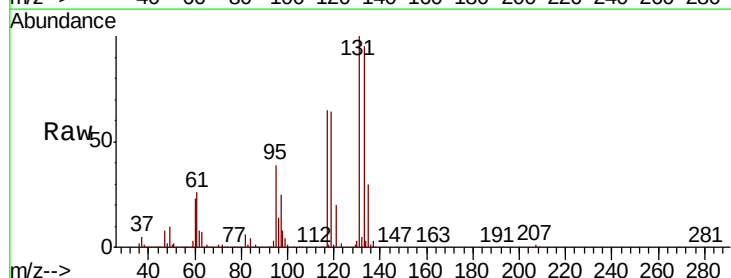
Tgt Ion:131 Resp: 192099

Ion Ratio Lower Upper

131 100

133 96.4 48.3 144.8

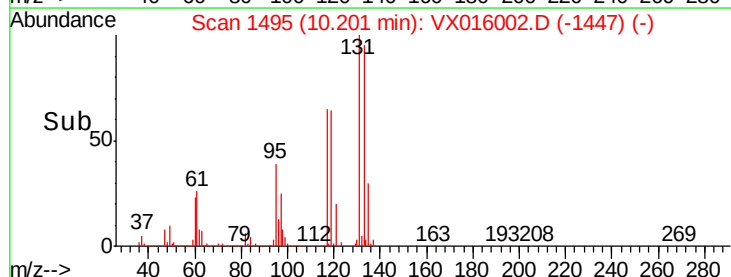
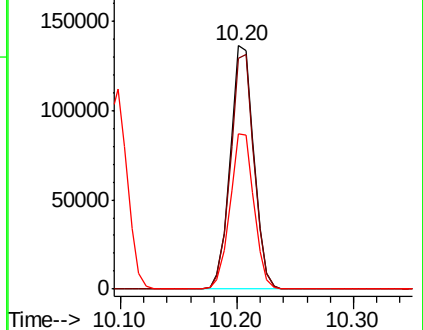
119 64.2 31.6 94.8

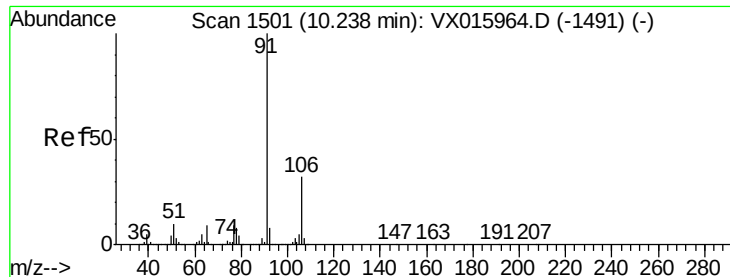


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

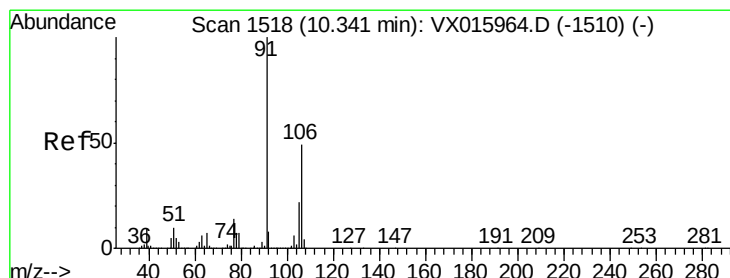
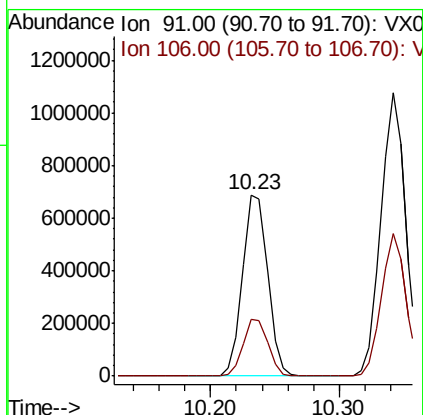
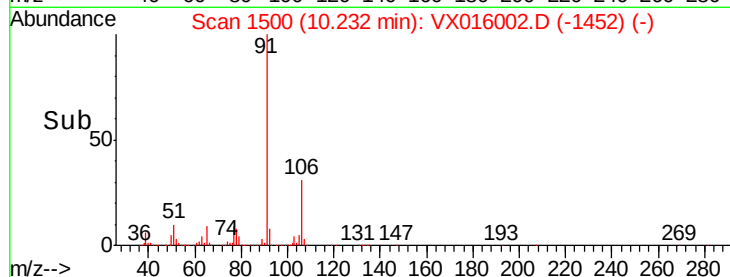
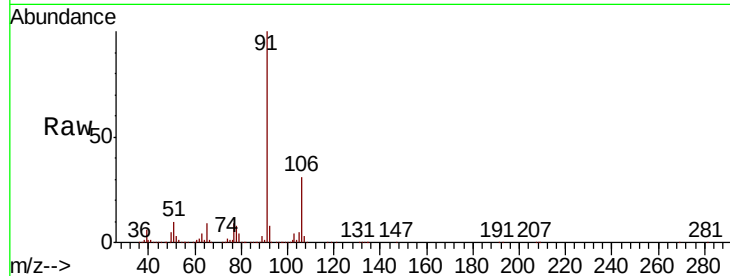




#67
Ethyl Benzene
Concen: 54.521 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

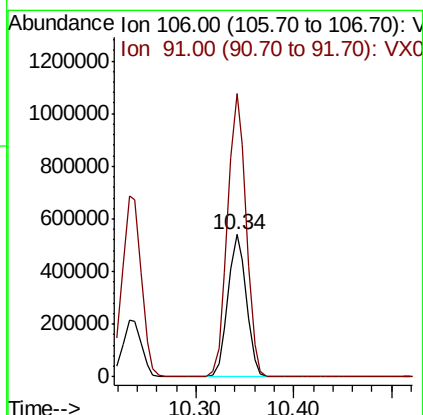
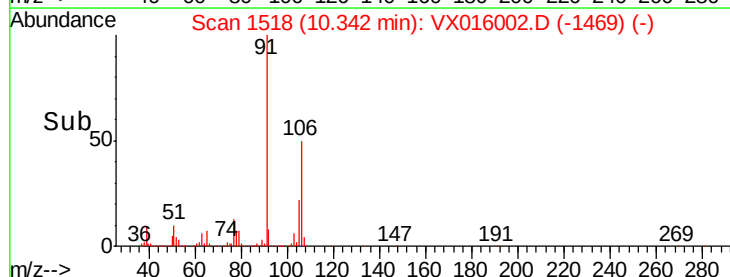
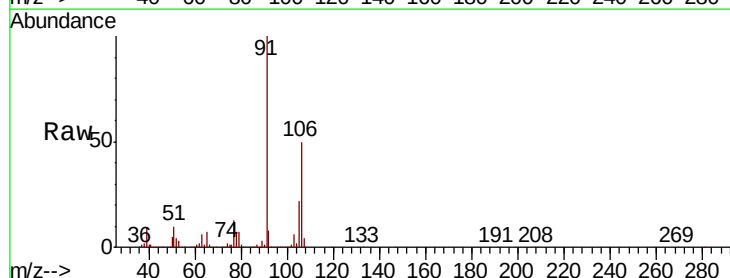
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

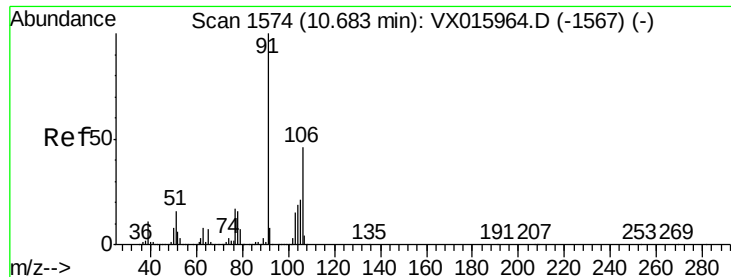
Tot Ion: 91 Resp: 924343
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9



#68
m/p-Xylenes
Concen: 109.965 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 106 Resp: 707428
Ion Ratio Lower Upper
106 100
91 200.7 161.6 242.4

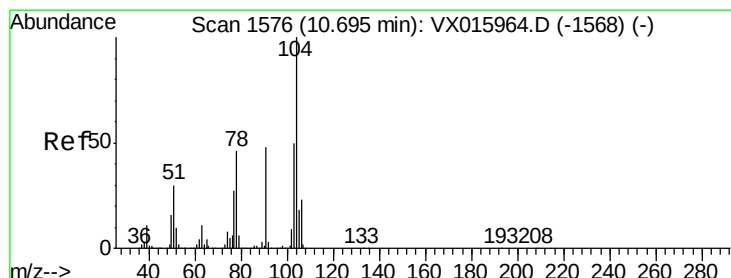
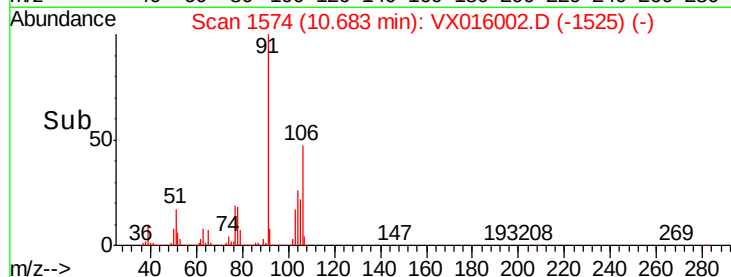
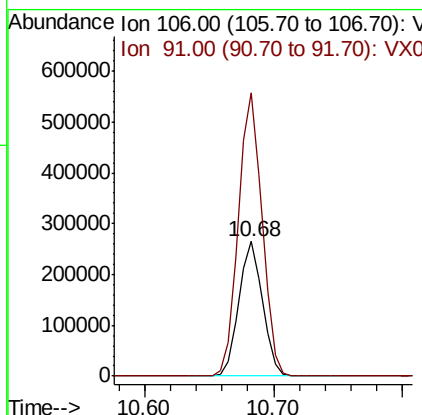
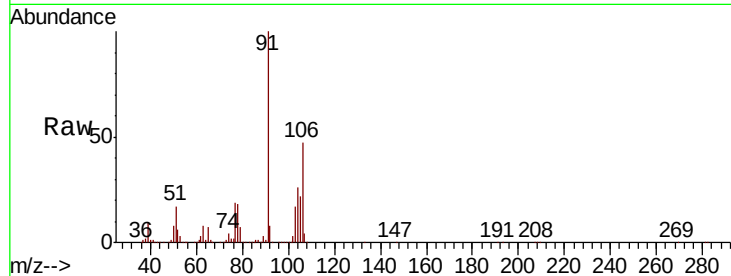




#69
o-Xylene
Concen: 55.090 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

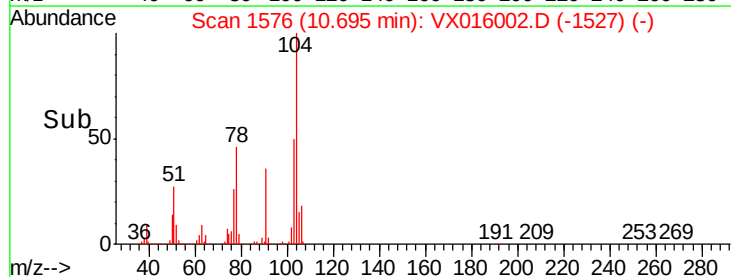
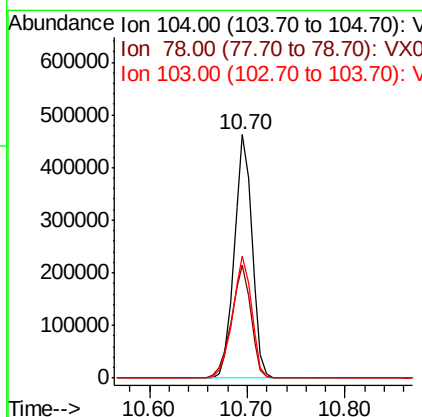
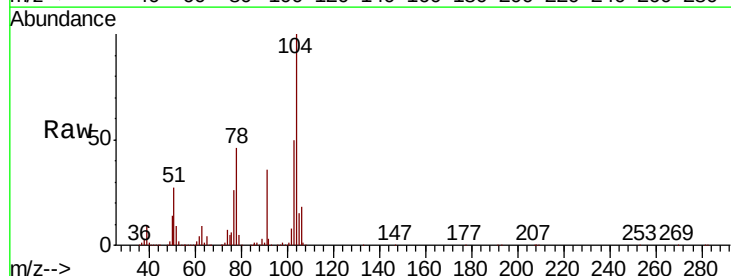
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

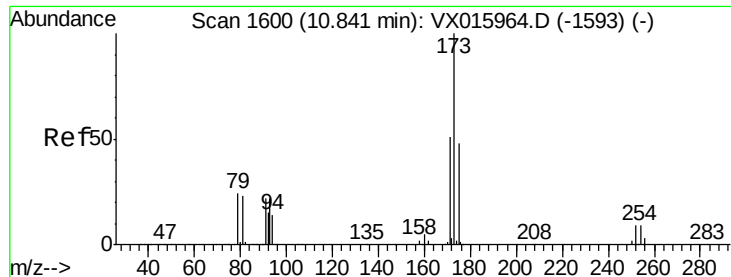
Tot Ion:106 Resp: 336485
Ion Ratio Lower Upper
106 100
91 211.7 106.1 318.3



#70
Styrene
Concen: 55.532 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion:104 Resp: 581993
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.4
103 54.0 43.4 65.2





#71

Bromoform

Concen: 49.104 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

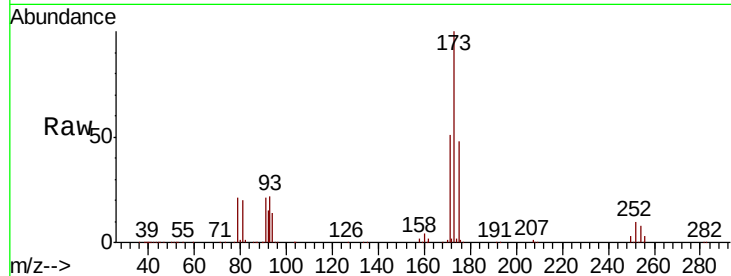
Tot Ion:173 Resp: 160703

Ion Ratio Lower Upper

173 100

175 49.6 24.1 72.4

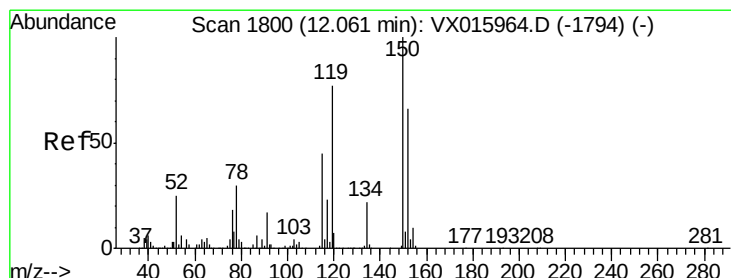
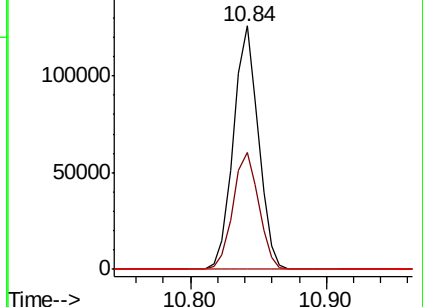
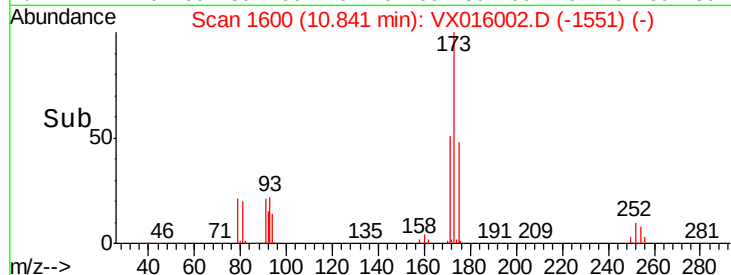
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

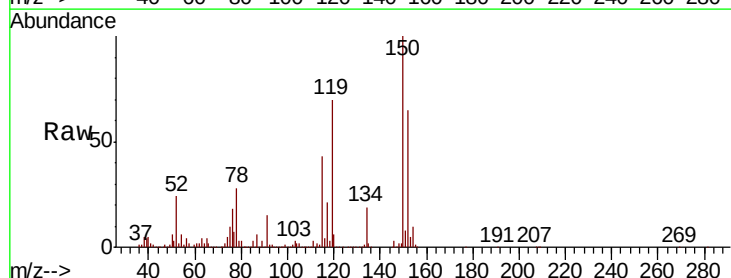
Tgt Ion:152 Resp: 247034

Ion Ratio Lower Upper

152 100

115 82.4 40.9 122.7

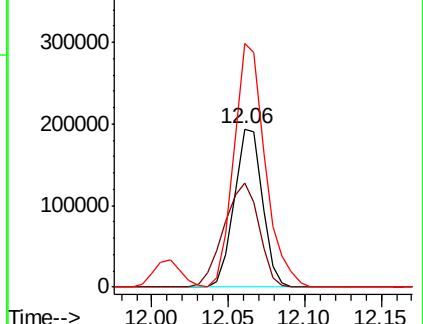
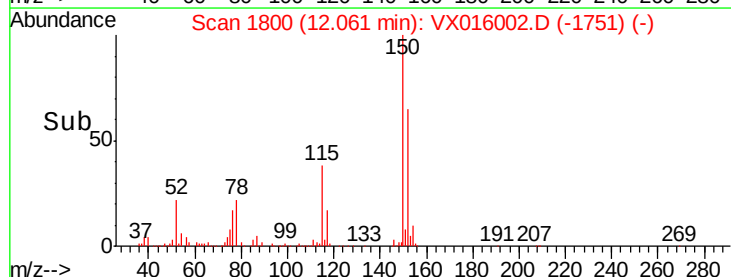
150 170.9 0.0 342.4

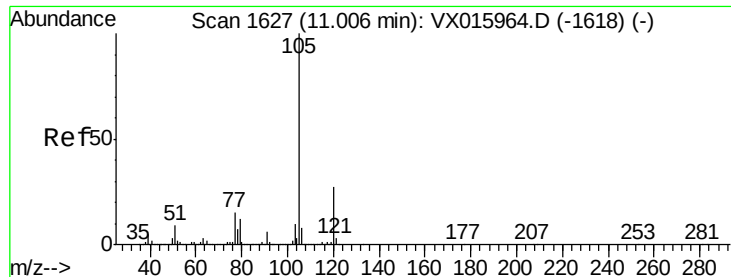


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.426 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

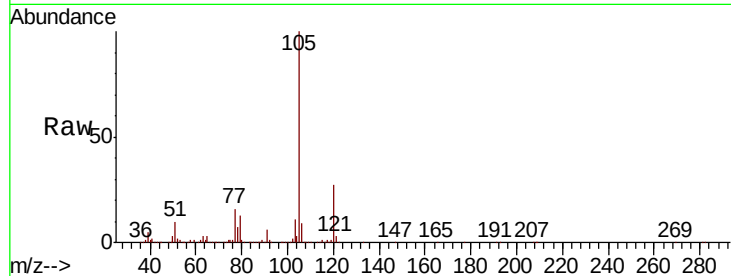
VSTDCCC050

Tot Ion:105 Resp: 914636

Ion Ratio Lower Upper

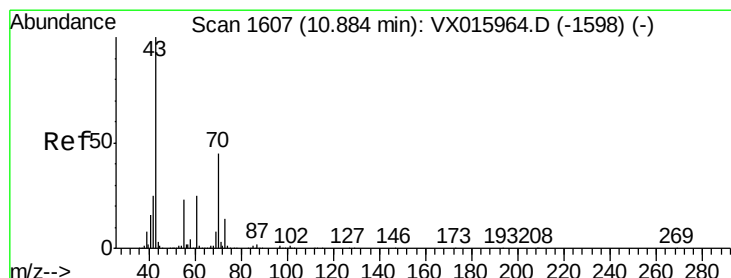
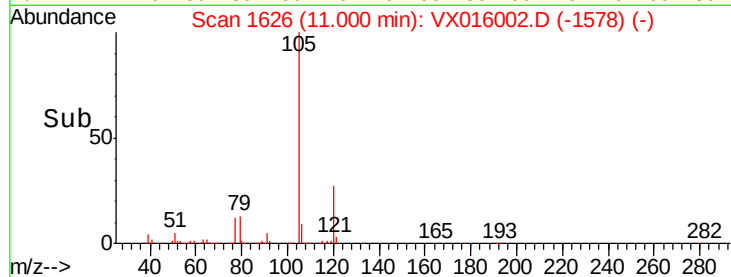
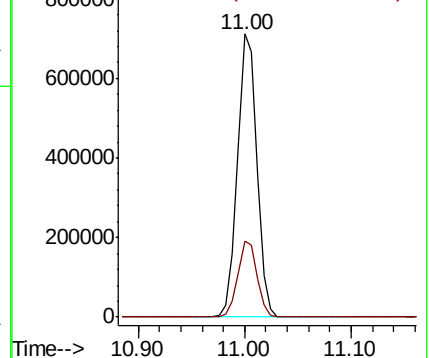
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.090 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Tgt Ion: 43 Resp: 422194

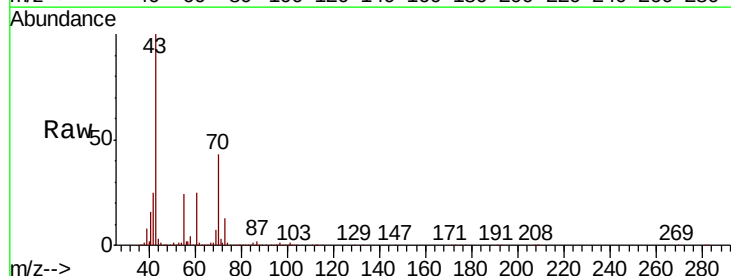
Ion Ratio Lower Upper

43 100

70 43.9 34.5 51.7

55 24.1 18.6 28.0

61 25.3 19.8 29.6

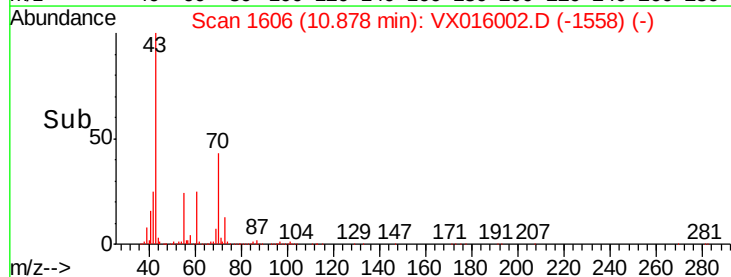
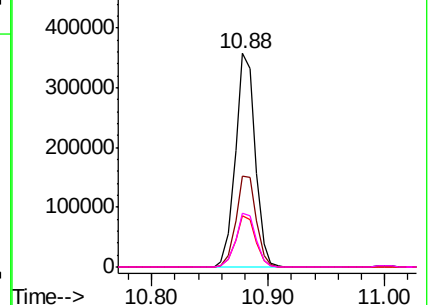


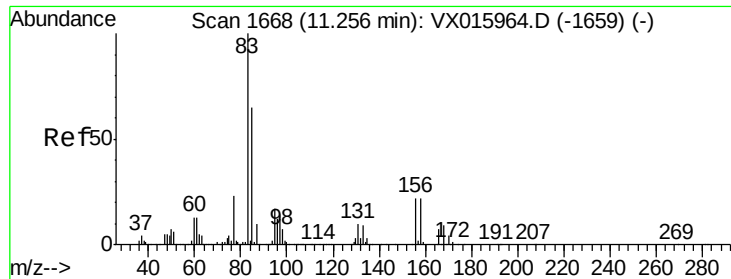
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 39.537 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

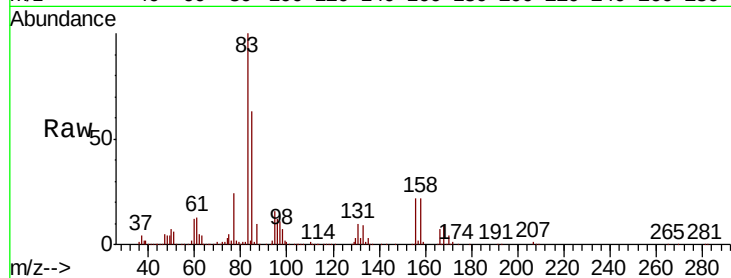
Tot Ion: 83 Resp: 150971

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

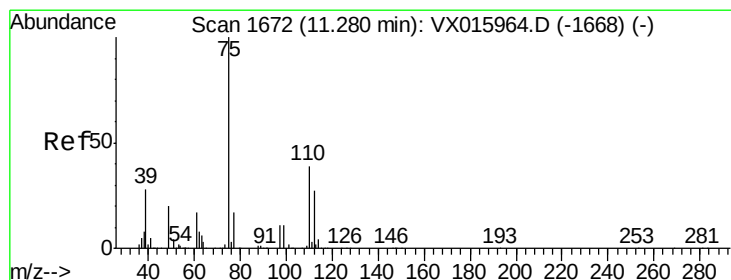
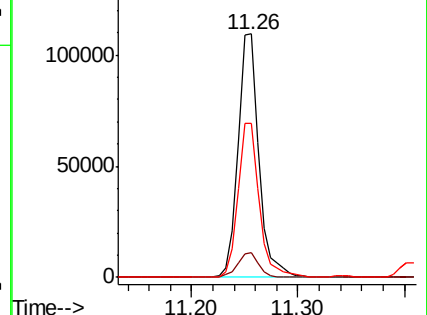
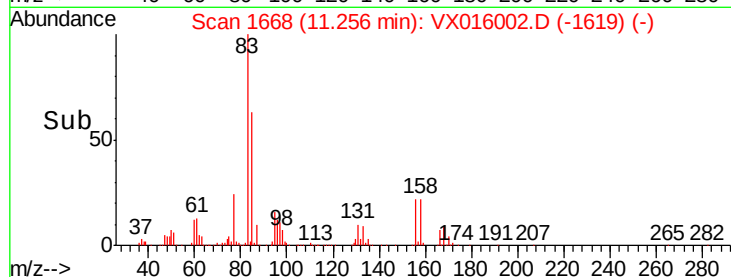
85 64.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.765 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016002.D

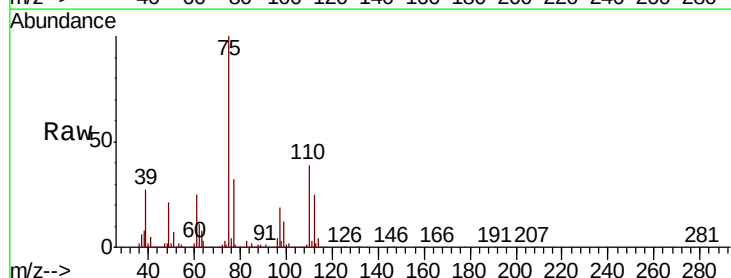
Acq: 01 May 2020 10:35

Tgt Ion: 75 Resp: 372004

Ion Ratio Lower Upper

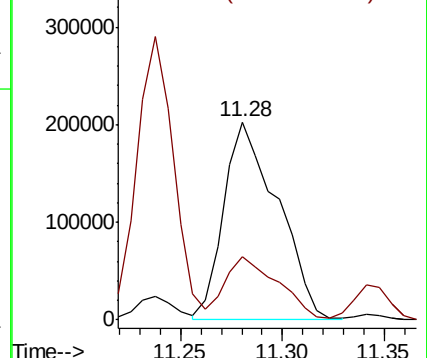
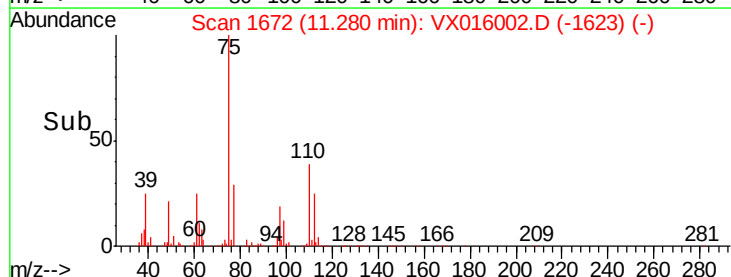
75 100

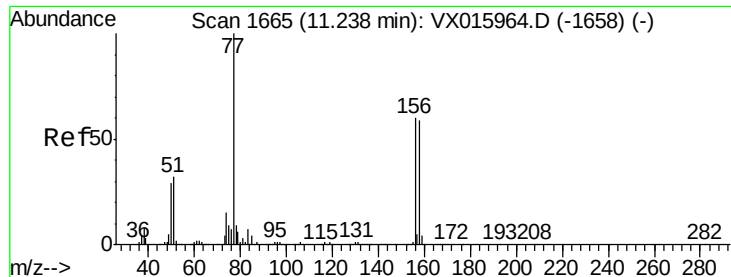
77 31.4 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.407 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

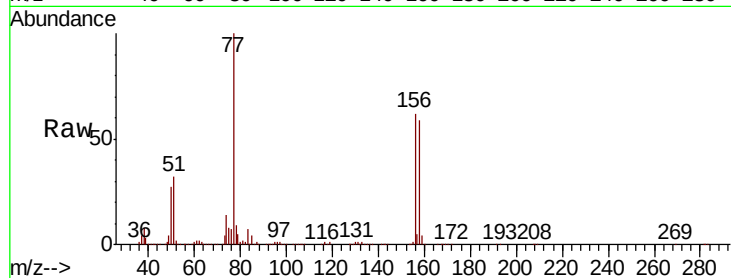
Tot Ion:156 Resp: 226703

Ion Ratio Lower Upper

156 100

77 161.3 78.3 234.8

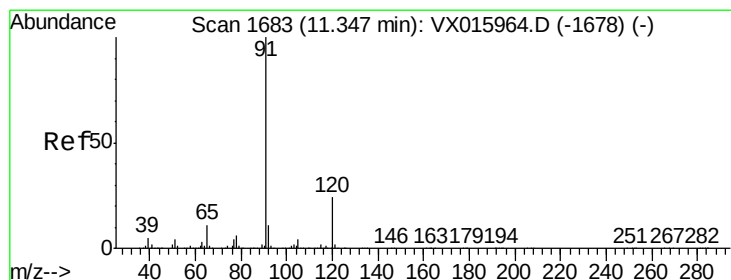
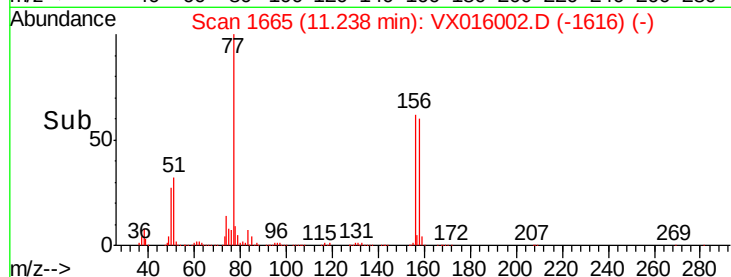
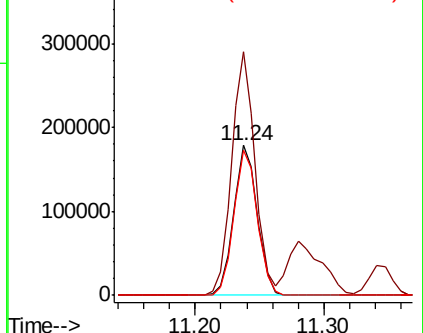
158 97.0 48.5 145.5



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: 55.889 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016002.D

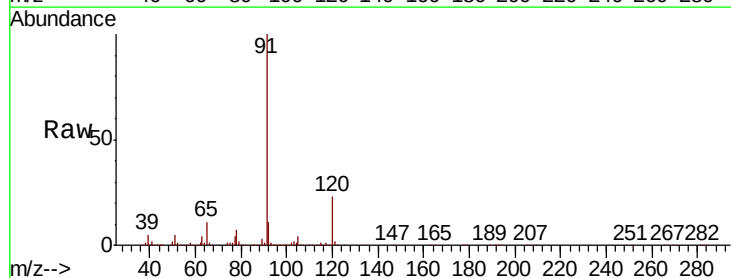
Acq: 01 May 2020 10:35

Tgt Ion: 91 Resp: 1080446

Ion Ratio Lower Upper

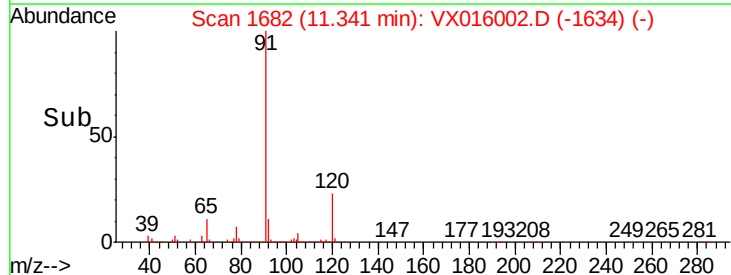
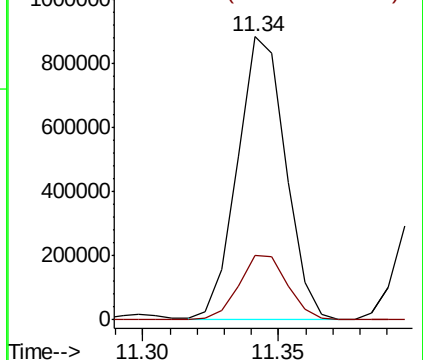
91 100

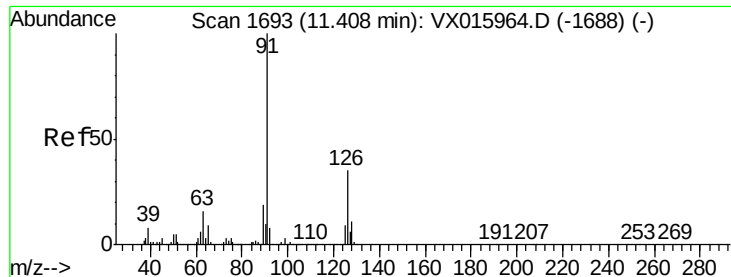
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.244 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

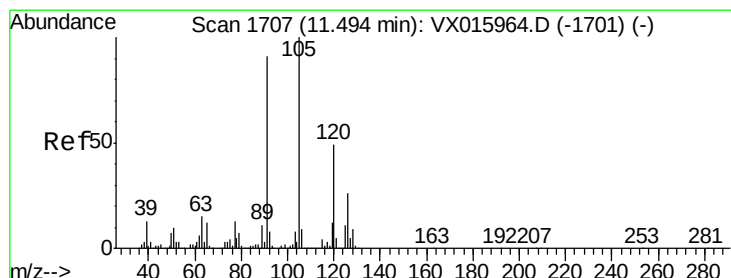
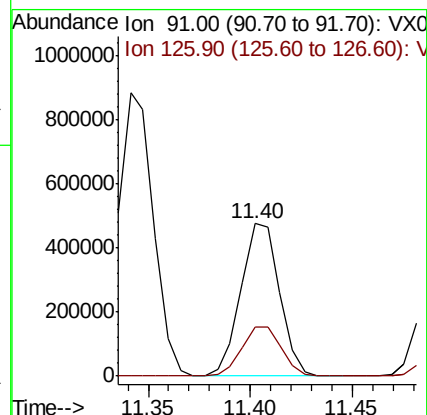
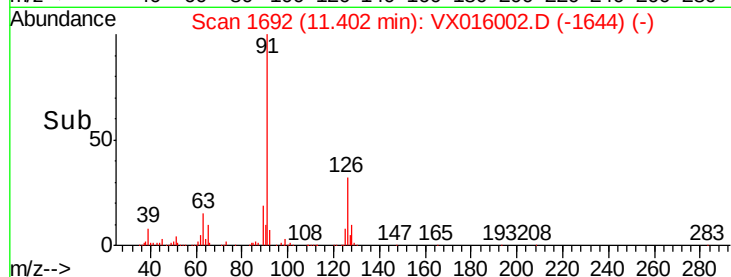
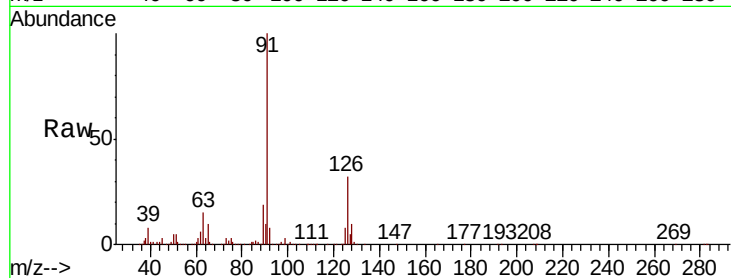
VSTDCCC050

Tot Ion: 91 Resp: 624792

Ion Ratio Lower Upper

91 100

126 33.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 55.056 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016002.D

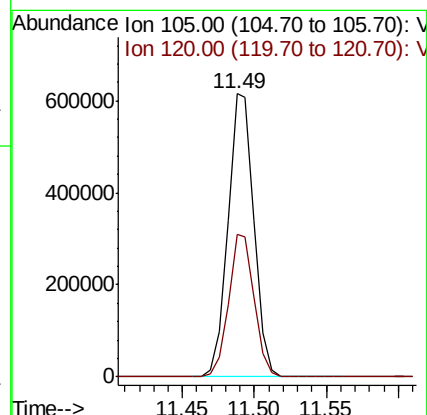
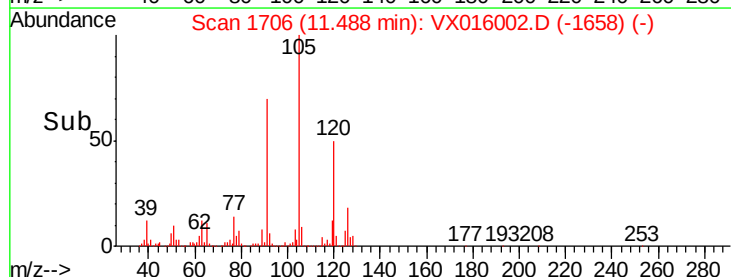
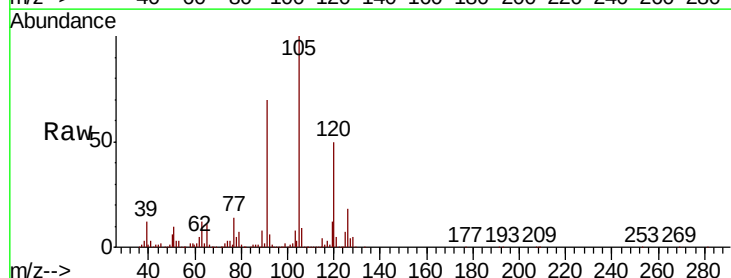
Acq: 01 May 2020 10:35

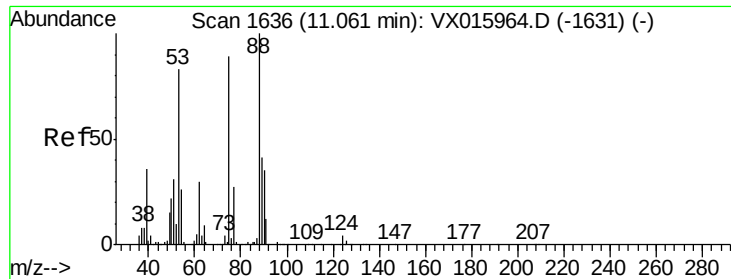
Tgt Ion: 105 Resp: 779390

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.6

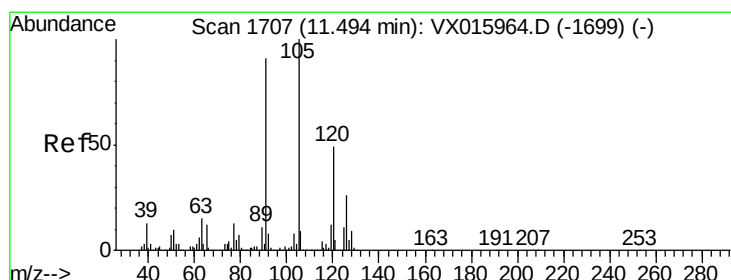
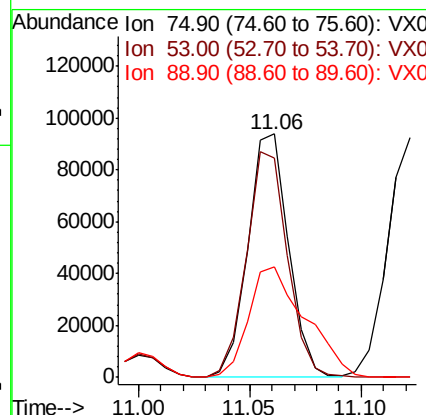
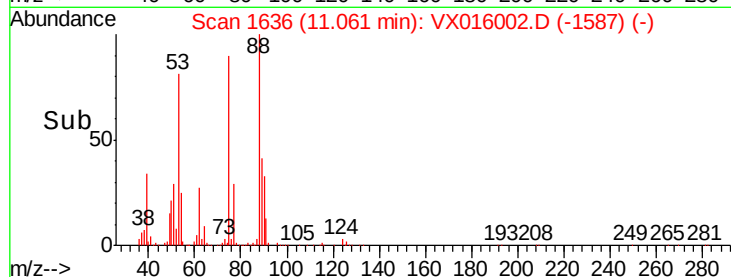
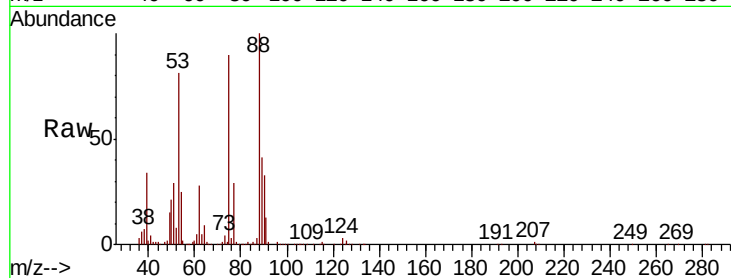




#81
trans-1,4-Dichloro-2-butene
Concen: 54.255 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

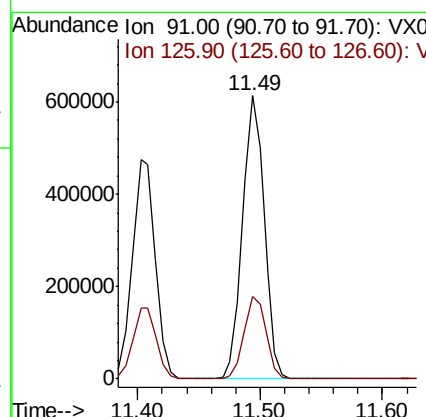
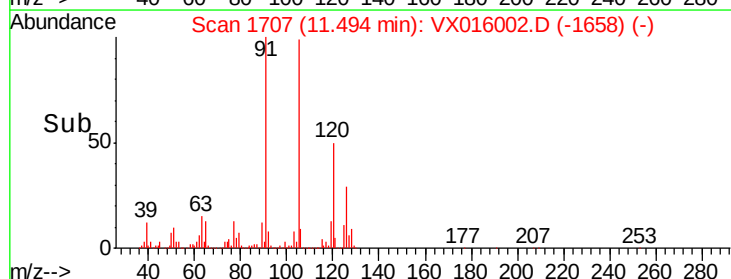
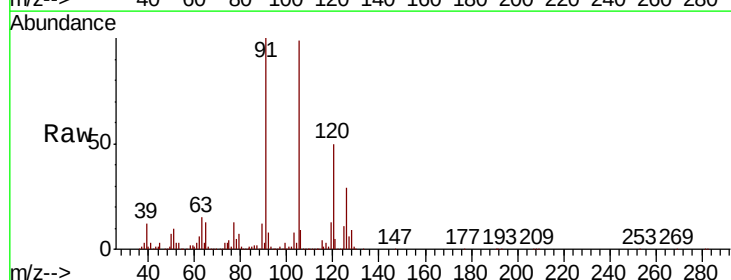
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

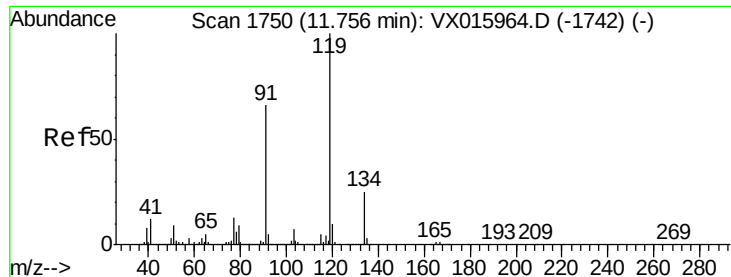
Tot Ion: 75 Resp: 119008
Ion Ratio Lower Upper
75 100
53 94.1 78.3 117.5
89 63.6 37.2 55.8#



#82
4-Chlorotoluene
Concen: 54.382 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 91 Resp: 749172
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 54.492 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

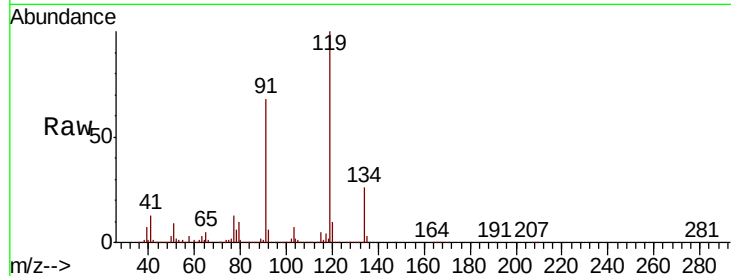
Tot Ion:119 Resp: 665129

Ion Ratio Lower Upper

119 100

91 66.1 33.5 100.4

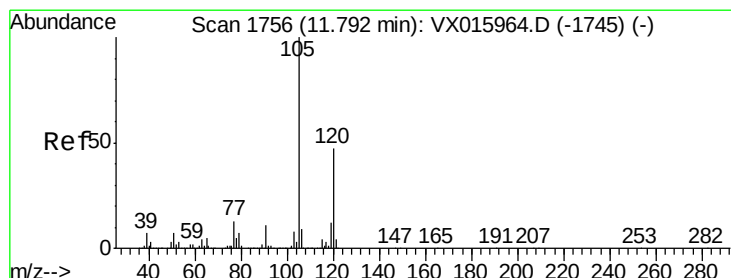
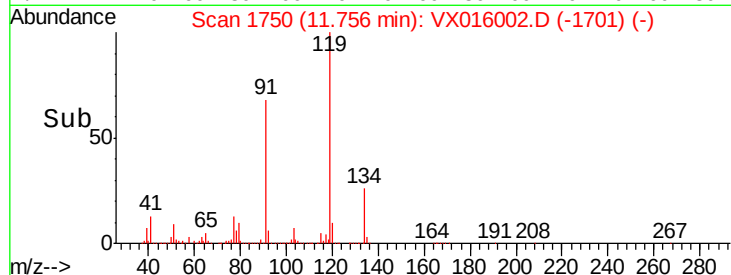
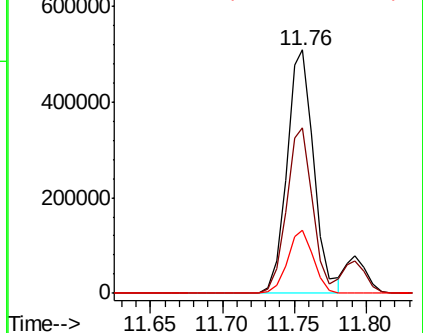
134 25.0 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.138 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016002.D

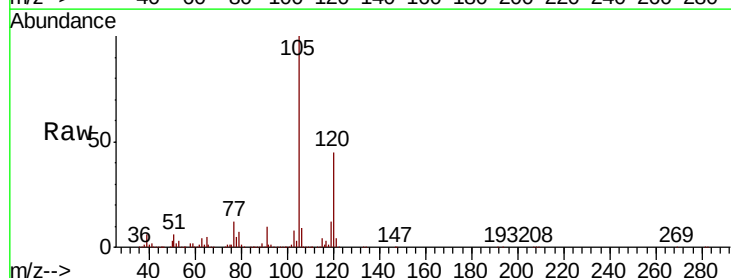
Acq: 01 May 2020 10:35

Tgt Ion:105 Resp: 785561

Ion Ratio Lower Upper

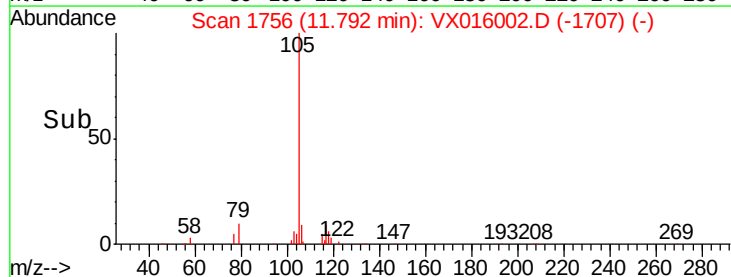
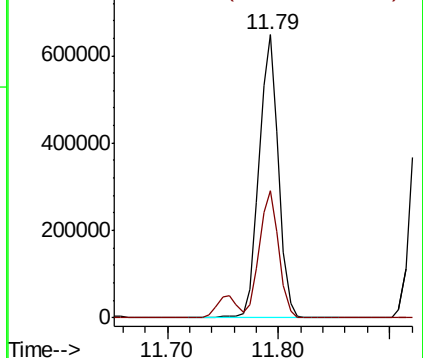
105 100

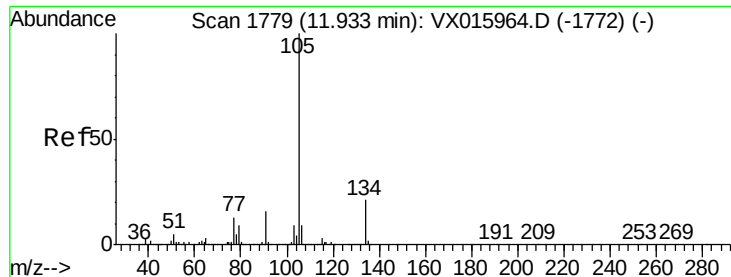
120 44.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.681 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

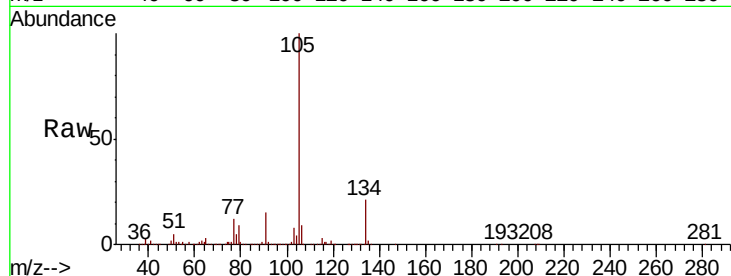
VSTDCCC050

Tot Ion:105 Resp: 915681

Ion Ratio Lower Upper

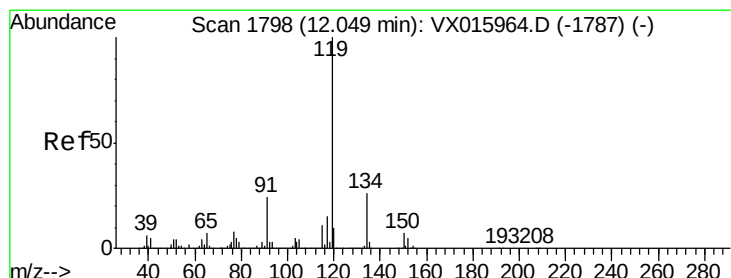
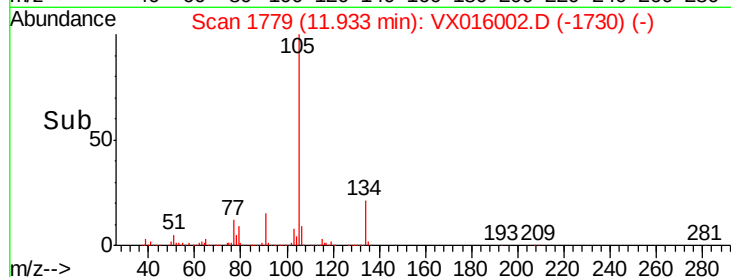
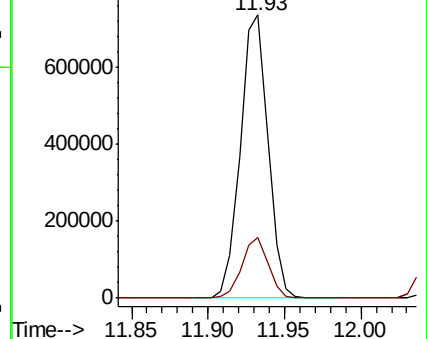
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.327 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016002.D

Acq: 01 May 2020 10:35

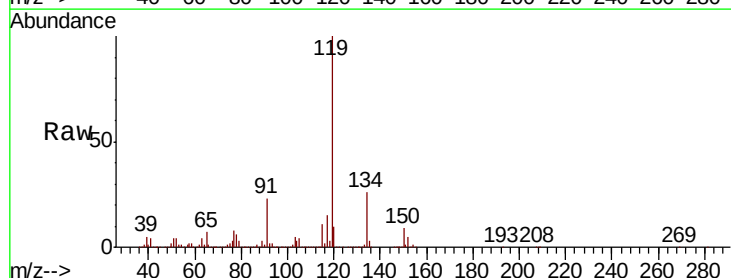
Tgt Ion:119 Resp: 867653

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

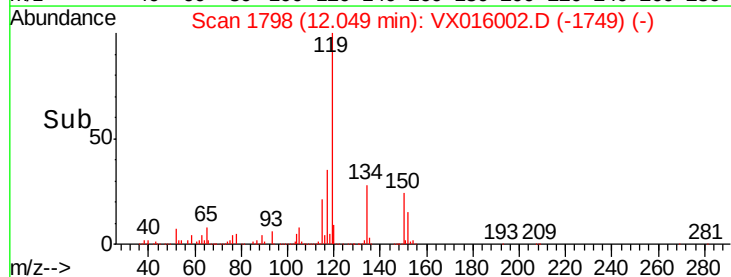
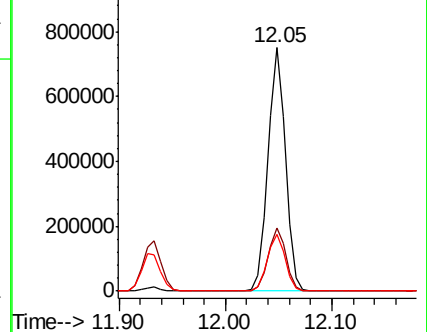
91 23.6 11.9 35.9

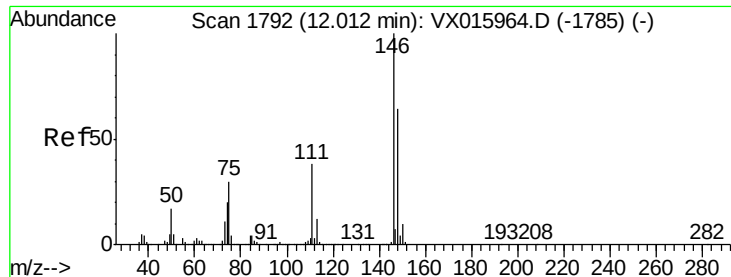


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

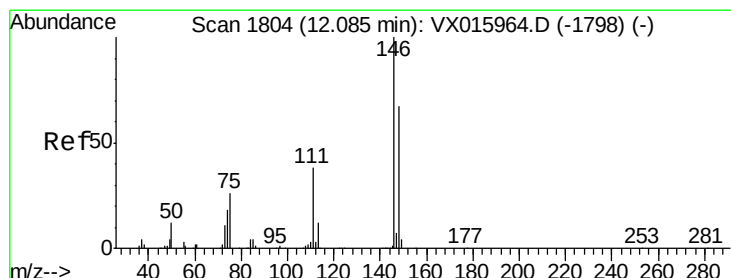
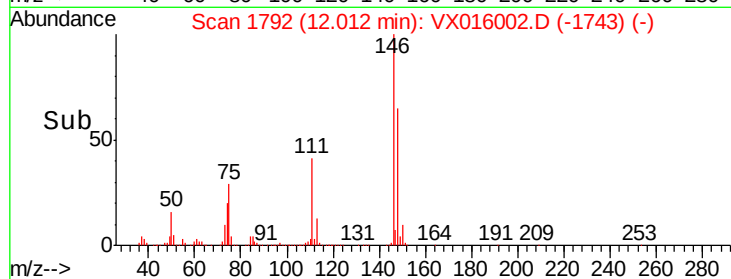
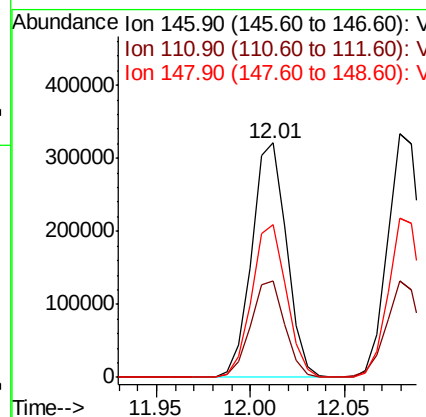
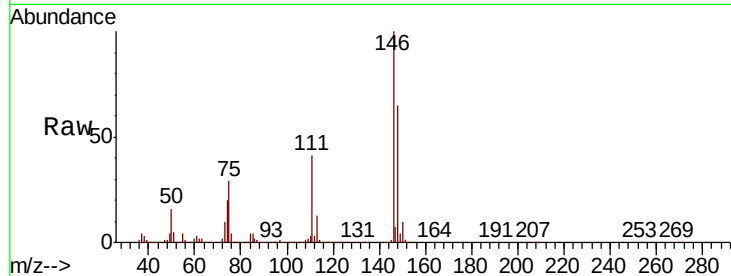




#87
 1,3-Dichlorobenzene
 Concen: 52.033 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

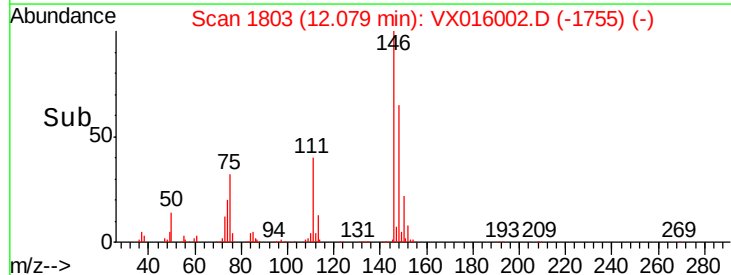
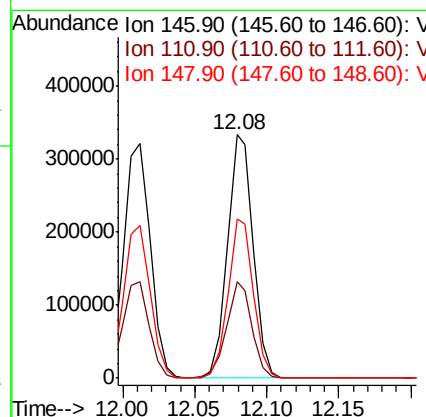
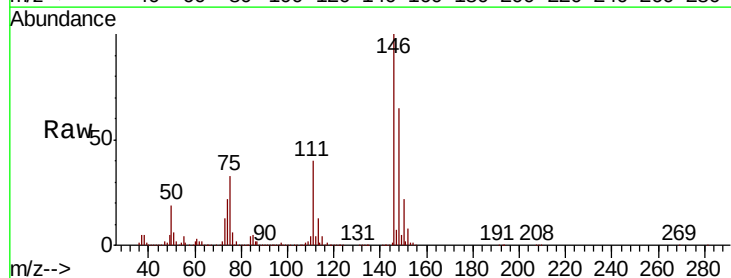
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

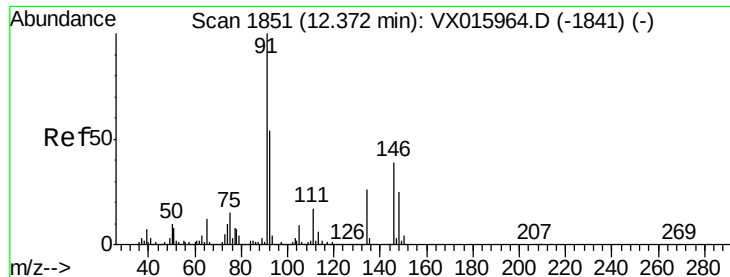
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.8
148	64.7	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.533 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.0
148	64.3	32.8	98.4

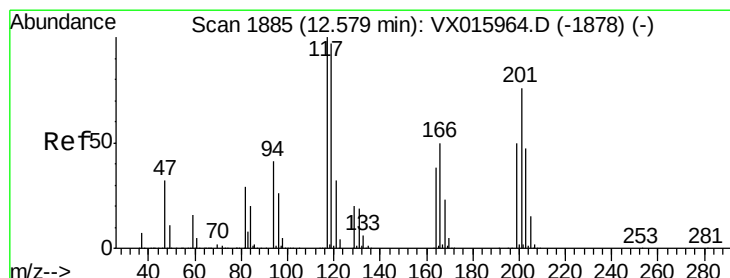
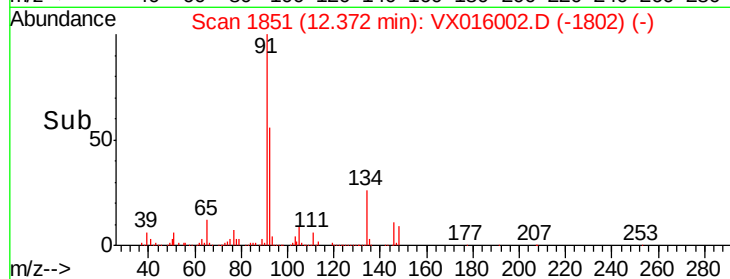
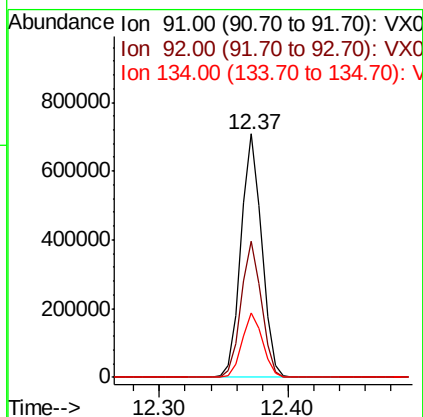
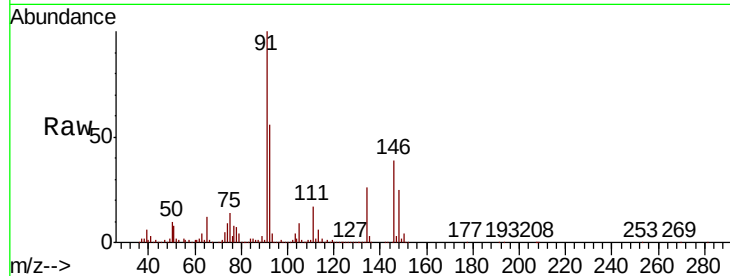




#89
n-Butylbenzene
Concen: 56.521 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

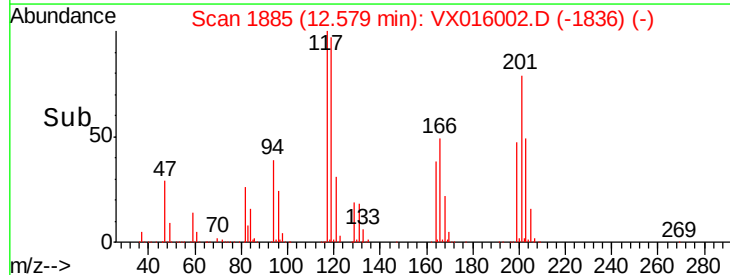
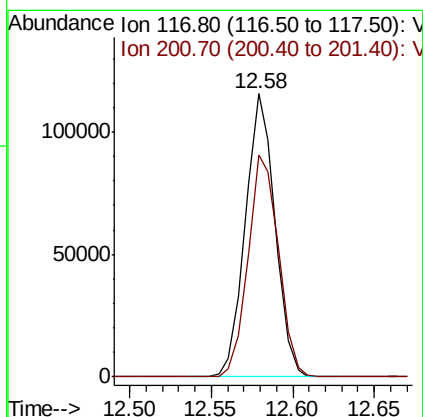
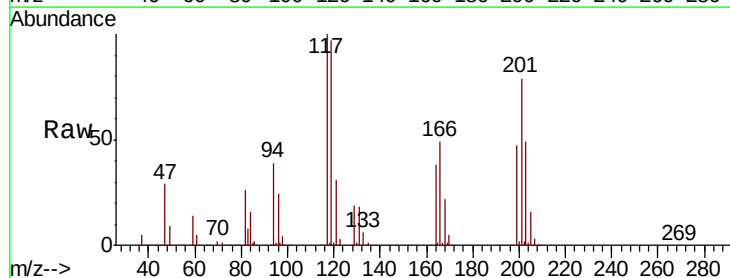
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

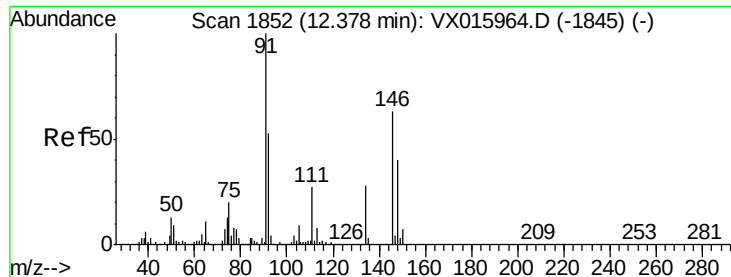
Tot Ion: 91 Resp: 786666
Ion Ratio Lower Upper
91 100
92 55.0 27.1 81.3
134 26.3 13.3 39.8



#90
Hexachloroethane
Concen: 53.771 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion: 117 Resp: 146345
Ion Ratio Lower Upper
117 100
201 80.8 40.3 120.8

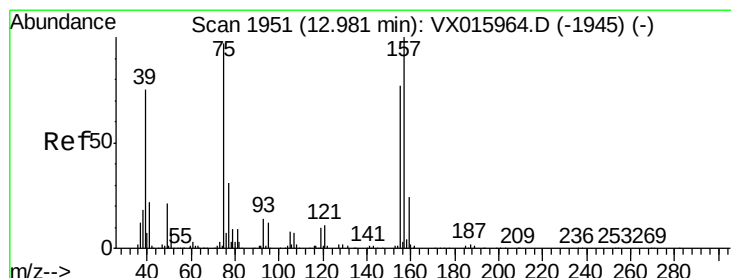
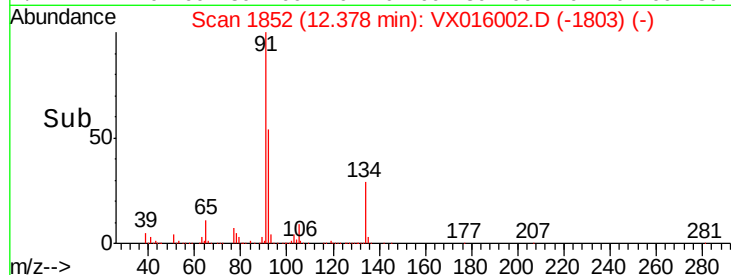
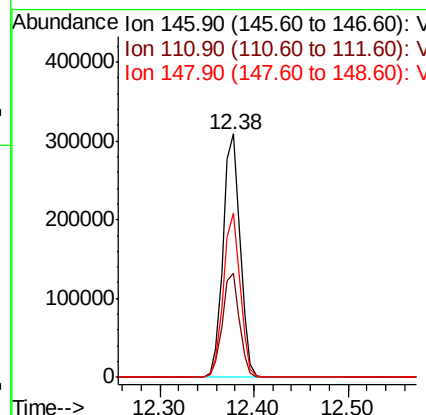
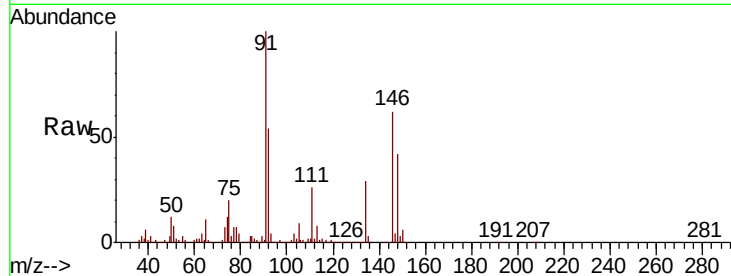




#91
 1,2-Dichlorobenzene
 Concen: 51.564 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

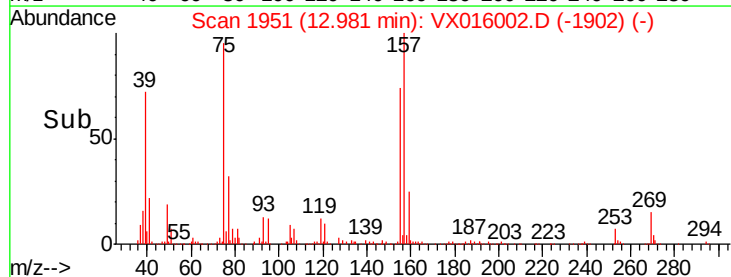
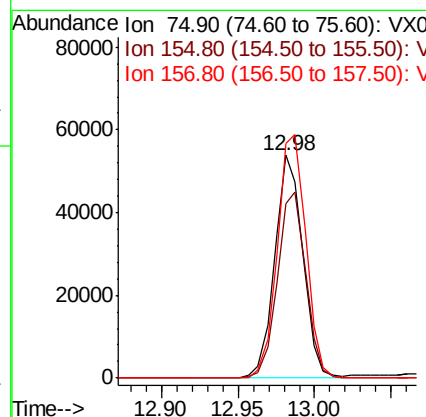
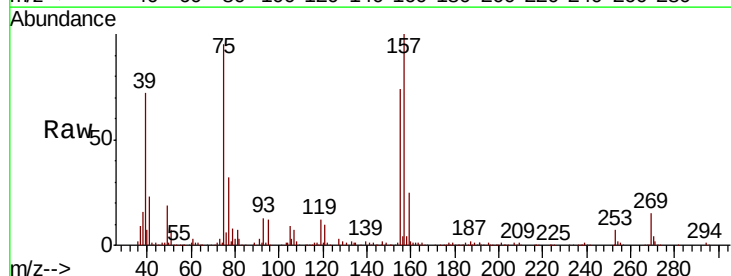
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

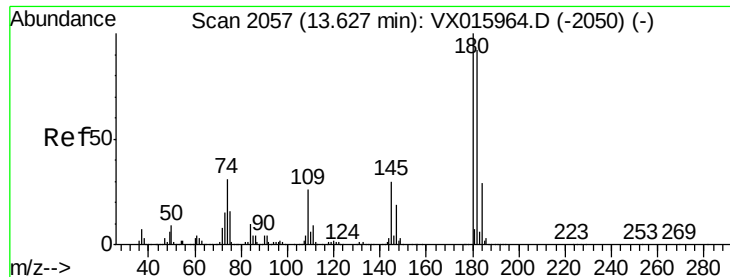
Tot Ion:146 Resp: 388960
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.1 63.3
 148 66.3 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.615 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Tgt Ion: 75 Resp: 68837
 Ion Ratio Lower Upper
 75 100
 155 84.0 42.5 127.6
 157 111.0 56.0 168.2

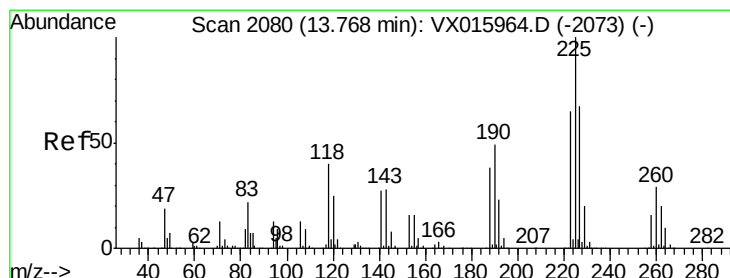
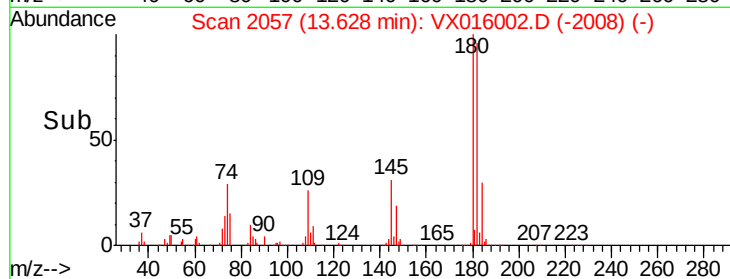
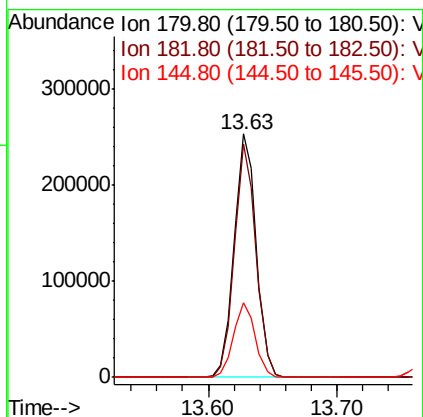
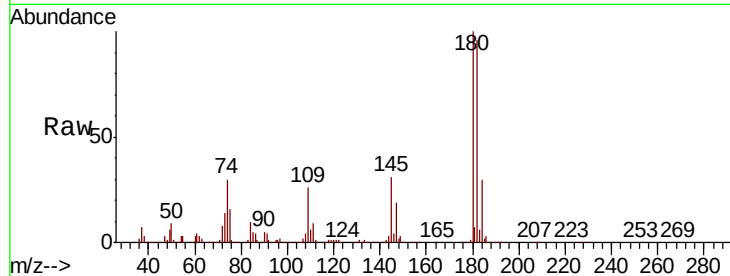




#93
 1,2,4-Trichlorobenzene
 Concen: 53.374 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

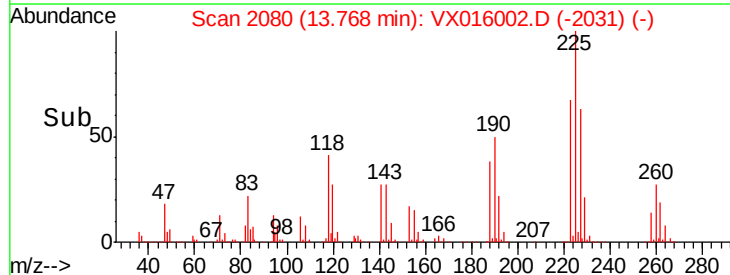
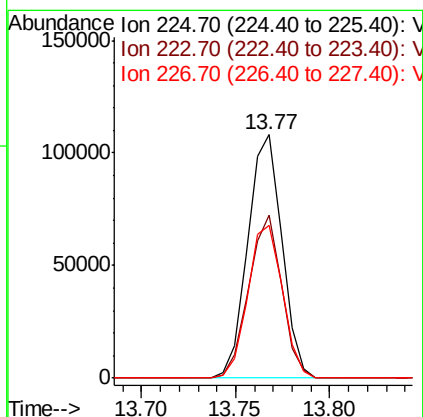
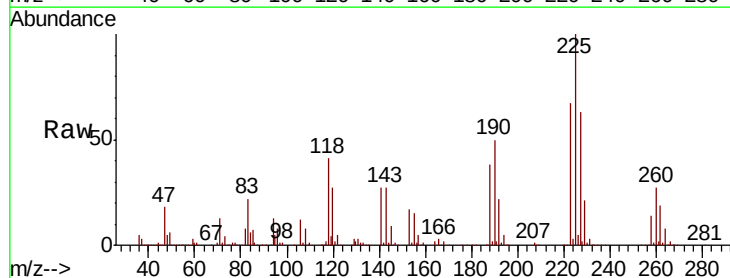
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

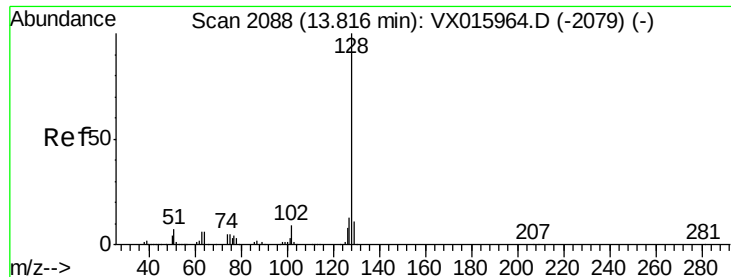
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.9	140.6
145	30.2	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 53.764 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016002.D
 Acq: 01 May 2020 10:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.0	96.0
227	63.9	33.0	99.0

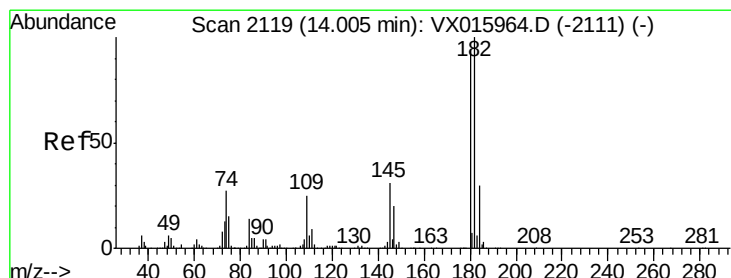
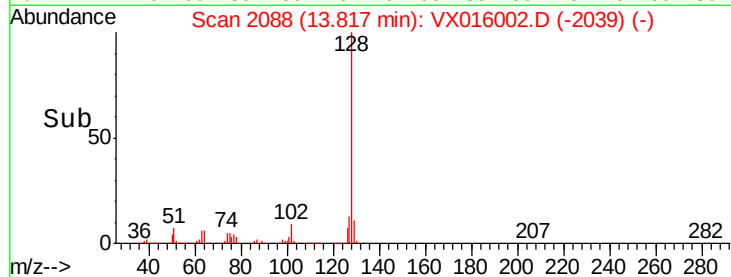
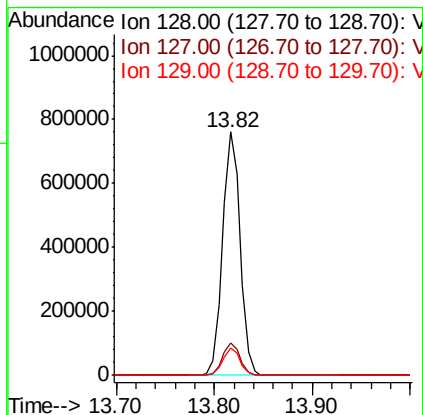
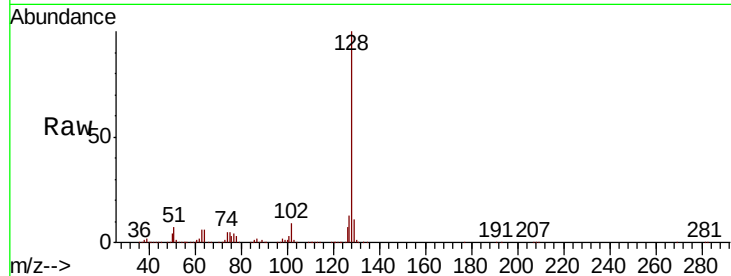




#95
Naphthalene
Concen: 52.856 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 943859
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.556 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016002.D
Acq: 01 May 2020 10:35

Tgt Ion:180 Resp: 291972
Ion Ratio Lower Upper
180 100
182 94.1 48.7 146.1
145 31.5 16.1 48.3

