

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016055.D
 Acq On : 05 May 2020 11:56
 Operator : JC/SP
 Sample : L2182-07 0.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 06 04:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	306921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	482905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196613	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.47	113	146049	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	8.70	98	585530	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	210259	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	1592	0.490	ug/l	95
3) Chloromethane	1.32	50	2101	0.557	ug/l	97
4) Vinyl Chloride	1.39	62	2094	0.520	ug/l	93
5) Bromomethane	1.64	94	1766	0.870	ug/l	97
6) Chloroethane	1.71	64	1308	0.534	ug/l	93
7) Trichlorofluoromethane	1.92	101	2537	0.480	ug/l	96
8) Diethyl Ether	2.17	74	1441	0.647	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1500	0.492	ug/l	92
10) Methyl Iodide	2.49	142	1823	0.445	ug/l	96
11) Tert butyl alcohol	3.01	59	2343	2.294	ug/l #	78
12) 1,1-Dichloroethene	2.36	96	1596	0.500	ug/l #	82
13) Acrolein	2.28	56	1760	2.754	ug/l #	73
14) Allyl chloride	2.71	41	2718	0.465	ug/l	99
15) Acrylonitrile	3.12	53	4995	2.358	ug/l	99
16) Acetone	2.42	43	4679	2.596	ug/l #	86
17) Carbon Disulfide	2.55	76	7390	0.567	ug/l	98
18) Methyl Acetate	2.75	43	2286	0.516	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	4853	0.441	ug/l #	86
20) Methylene Chloride	2.84	84	2028	0.546	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	2221	0.625	ug/l #	72
22) Diisopropyl ether	3.82	45	4970	0.450	ug/l #	93
23) Vinyl Acetate	3.79	43	19415	2.000	ug/l	97
24) 1,1-Dichloroethane	3.67	63	2790	0.452	ug/l #	87
25) 2-Butanone	4.65	43	6484	2.233	ug/l	99
26) 2,2-Dichloropropane	4.55	77	2675	0.474	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	2016	0.519	ug/l	93
28) Bromochloromethane	4.99	49	1539	0.547	ug/l #	92
29) Tetrahydrofuran	5.10	42	4318	2.244	ug/l	96
30) Chloroform	5.18	83	3111	0.506	ug/l	97
31) Cyclohexane	5.55	56	2641	0.471	ug/l #	94
32) 1,1,1-Trichloroethane	5.47	97	2392	0.428	ug/l #	47
36) 1,1-Dichloropropene	5.78	75	2679	0.564	ug/l	94
37) Ethyl Acetate	4.80	43	2640	0.479	ug/l #	90
38) Carbon Tetrachloride	5.76	117	2382	0.493	ug/l	99

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Instrument :
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 ClientSampleId :

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2773	0.484	ug/l	89
40) Benzene	6.12	78	6873	0.494	ug/l	98
41) Methacrylonitrile	5.01	41	1728	0.581	ug/l #	95
42) 1,2-Dichloroethane	6.17	62	2850	0.569	ug/l	95
43) Isopropyl Acetate	6.42	43	4672	0.531	ug/l	96
44) Trichloroethene	7.19	130	2608	0.528	ug/l	94
45) 1,2-Dichloropropane	7.49	63	1694	0.481	ug/l	97
46) Dibromomethane	7.65	93	1162	0.486	ug/l	93
47) Bromodichloromethane	7.88	83	2055	0.422	ug/l #	86
48) Methyl methacrylate	7.74	41	2163	0.519	ug/l	84
49) 1,4-Dioxane	7.72	88	906	9.069	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	10860	2.019	ug/l	100
52) Toluene	8.76	92	4030	0.465	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	2834	0.488	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	2813	0.464	ug/l #	90
55) 1,1,2-Trichloroethane	9.20	97	1485	0.435	ug/l #	93
56) Ethyl methacrylate	9.16	69	2344	0.421	ug/l	99
57) 1,3-Dichloropropane	9.35	76	2711	0.456	ug/l #	72
58) 2-Chloroethyl Vinyl ether	8.29	63	6467	2.182	ug/l	99
59) 2-Hexanone	9.48	43	8779	2.078	ug/l	94
60) Dibromochloromethane	9.57	129	1508	0.401	ug/l	99
61) 1,2-Dibromoethane	9.65	107	1606	0.435	ug/l	96
64) Tetrachloroethene	9.32	164	2713	0.498	ug/l	90
65) Chlorobenzene	10.12	112	4239	0.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1455	0.423	ug/l #	48
67) Ethyl Benzene	10.24	91	7683	0.463	ug/l	93
68) m/p-Xylenes	10.34	106	5610	0.903	ug/l	98
69) o-Xylene	10.68	106	2574	0.431	ug/l	98
70) Styrene	10.70	104	4161	0.411	ug/l #	90
71) Bromoform	10.84	173	1046	0.374	ug/l #	92
73) Isopropylbenzene	11.01	105	6808	0.436	ug/l	98
74) N-amyl acetate	10.88	43	3018	0.414	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	1098	5.104	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	107355	22.024	ug/l #	35
77) Bromobenzene	11.24	156	1906	0.473	ug/l	93
78) n-propylbenzene	11.34	91	8479	0.466	ug/l	100
79) 2-Chlorotoluene	11.40	91	5213	0.486	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	5855	0.444	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	107355	52.485	ug/l #	13
82) 4-Chlorotoluene	11.49	91	6023	0.475	ug/l	97
83) tert-Butylbenzene	11.76	119	4723	0.415	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	5696	0.427	ug/l	98
85) sec-Butylbenzene	11.93	105	6713	0.437	ug/l	97
86) p-Isopropyltoluene	12.05	119	6343	0.445	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	3869	0.534	ug/l	95
88) 1,4-Dichlorobenzene	12.01	146	3869	0.526	ug/l	96
89) n-Butylbenzene	12.37	91	5884	0.452	ug/l	97
90) Hexachloroethane	12.58	117	832	0.340	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	3376	0.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	755	0.588	ug/l	67

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Quant Title : SW846 8260
QLast Update : Wed May 06 04:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2690	0.521	ug/l	96
94) Hexachlorobutadiene	13.77	225	1272	1.090	ug/l	96
95) Naphthalene	13.82	128	7476	0.447	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	2560	0.507	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

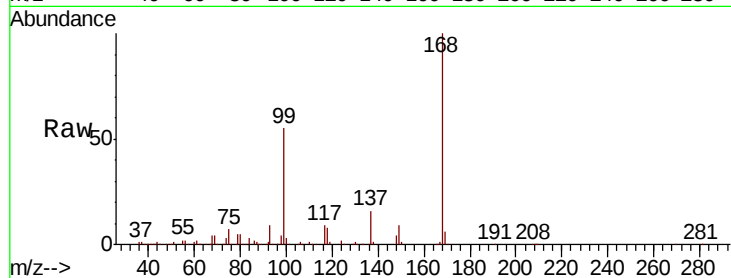
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 306921

Ion Ratio Lower Upper

168 100

99 54.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

60000

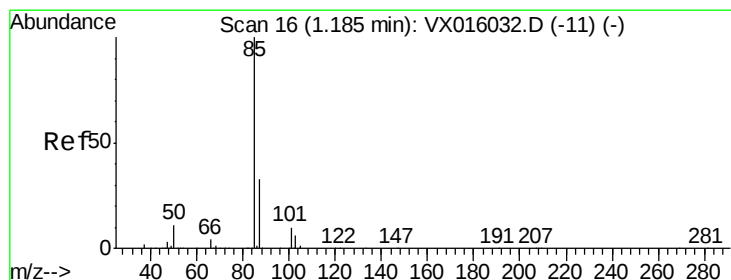
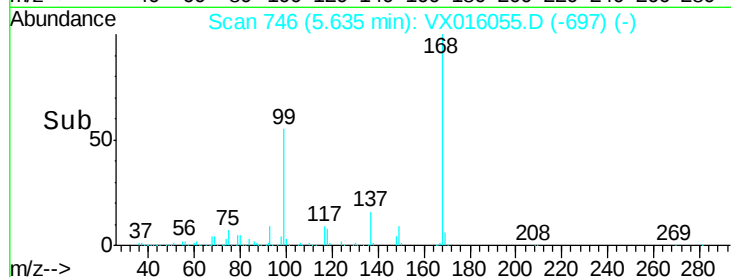
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 0.490 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016055.D

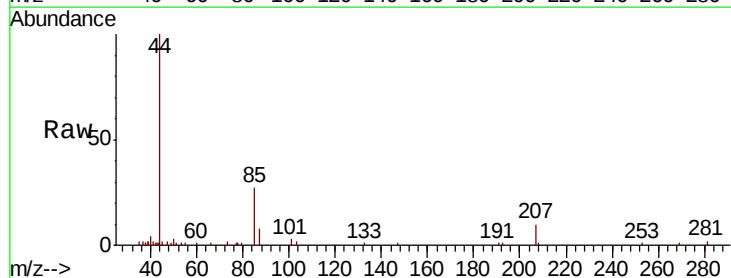
Acq: 05 May 2020 11:56

Tgt Ion: 85 Resp: 1592

Ion Ratio Lower Upper

85 100

87 30.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

2000

1500

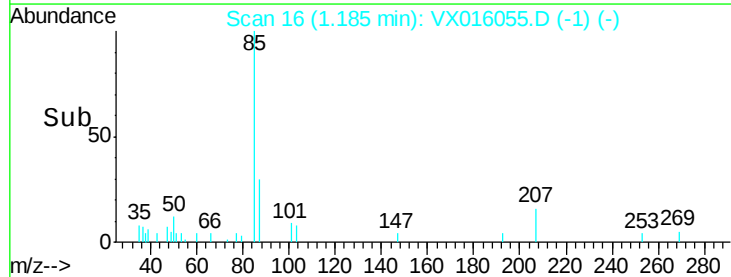
1000

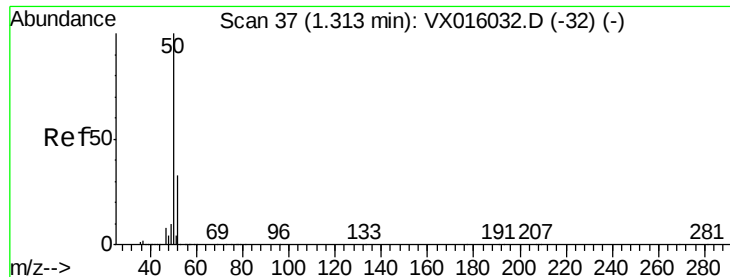
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.557 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

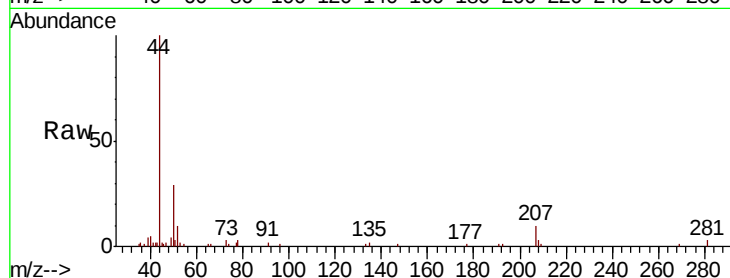
ClientSampleId :

Tot Ion: 50 Resp: 2101

Ion Ratio Lower Upper

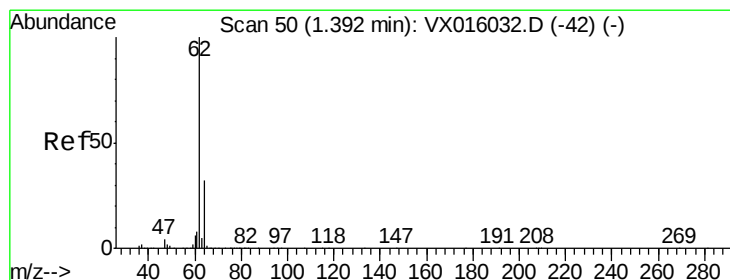
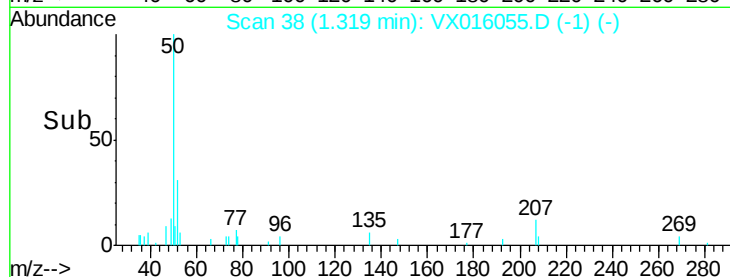
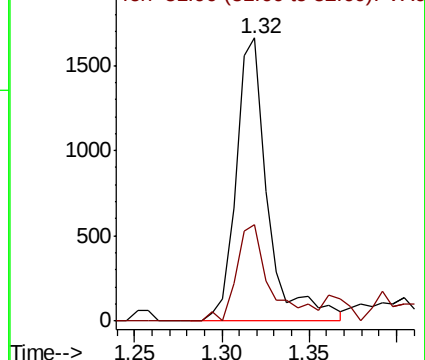
50 100

52 34.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.520 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016055.D

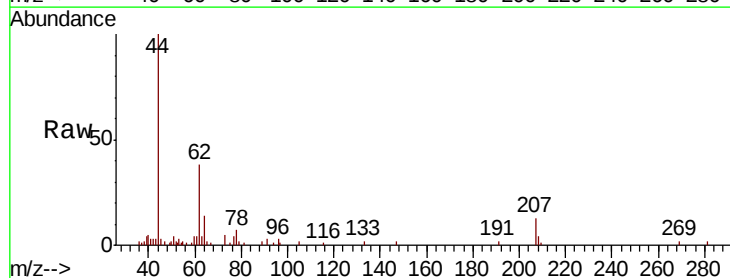
Acq: 05 May 2020 11:56

Tgt Ion: 62 Resp: 2094

Ion Ratio Lower Upper

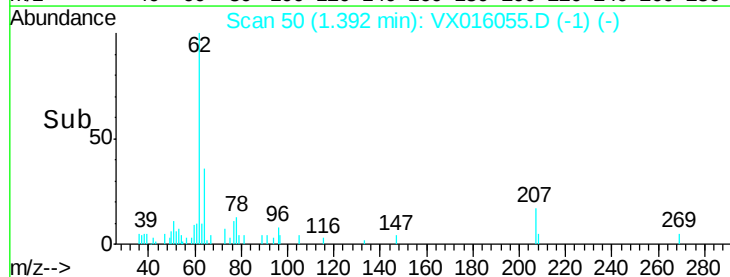
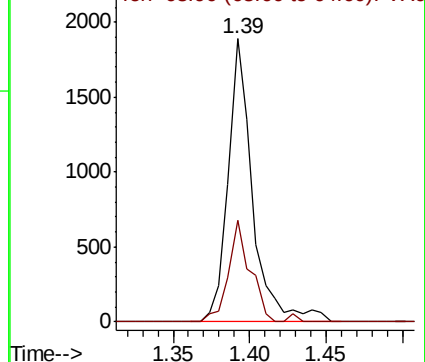
62 100

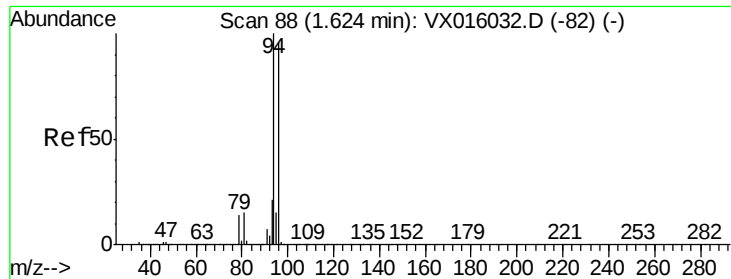
64 35.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.870 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

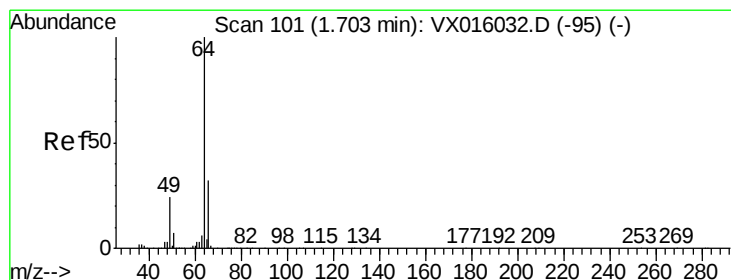
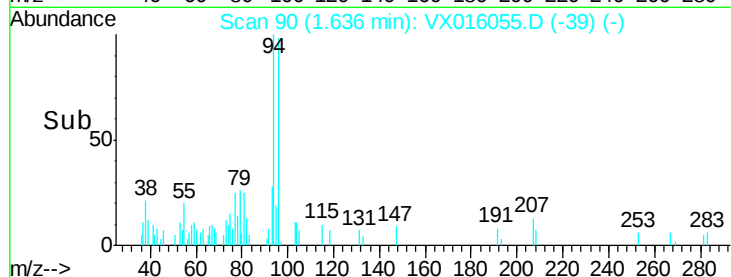
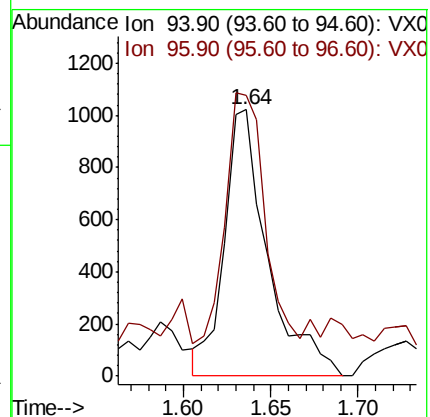
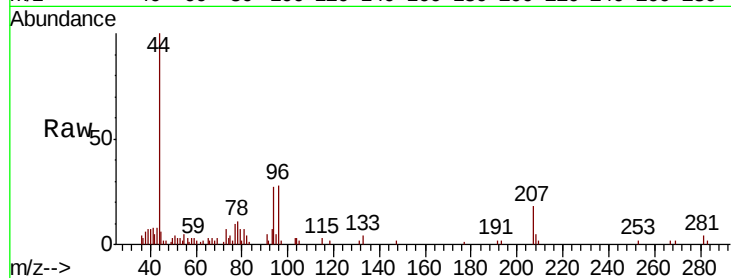
ClientSampled :

Tot Ion: 94 Resp: 1766

Ion Ratio Lower Upper

94 100

96 93.3 76.9 115.3



#6

Chloroethane

Concen: 0.534 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016055.D

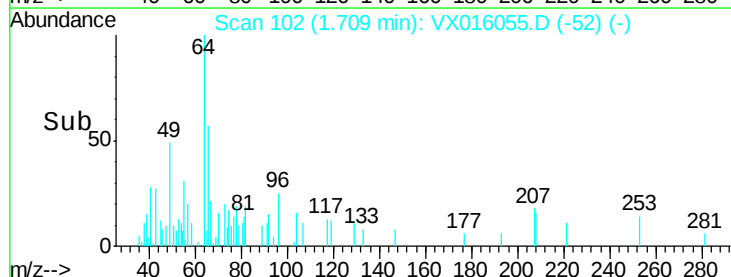
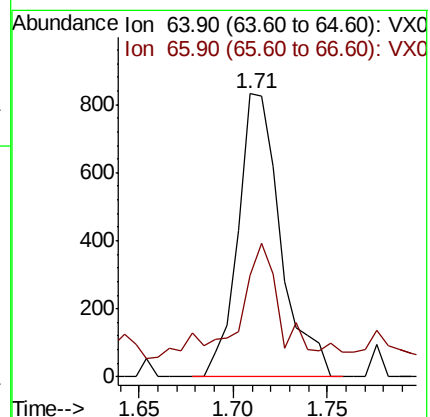
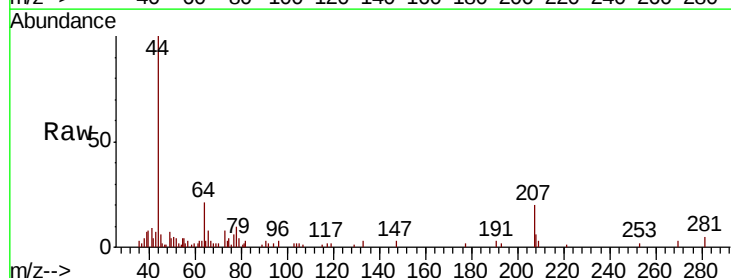
Acq: 05 May 2020 11:56

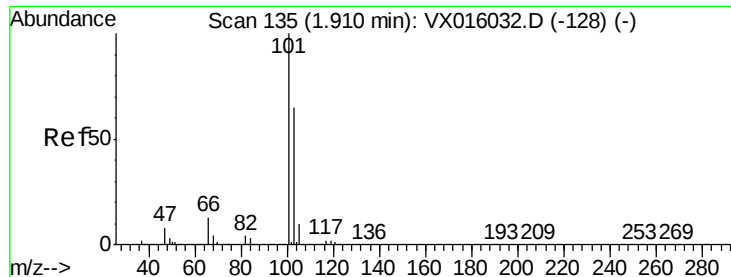
Tgt Ion: 64 Resp: 1308

Ion Ratio Lower Upper

64 100

66 27.4 25.2 37.8



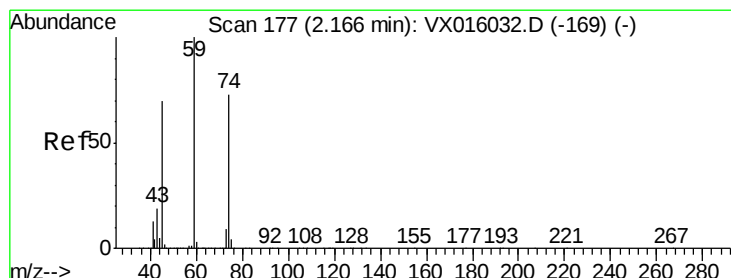
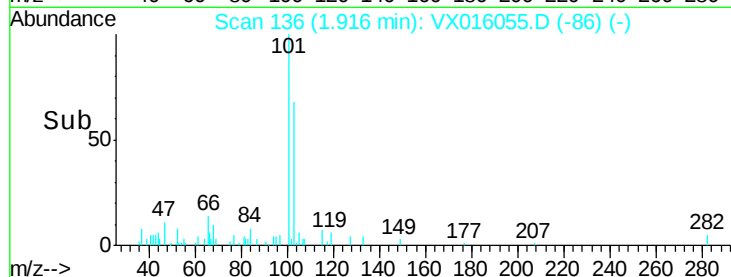
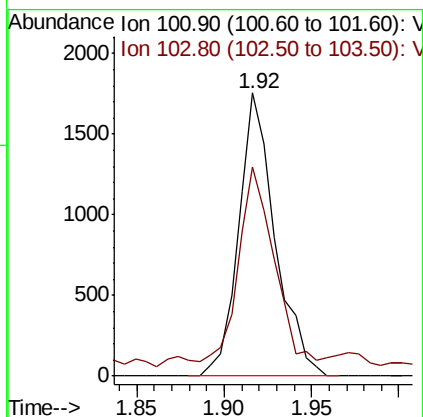
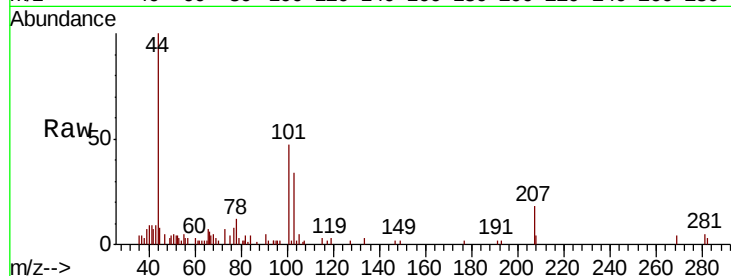


#7

Trichlorofluoromethane
Concen: 0.480 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :

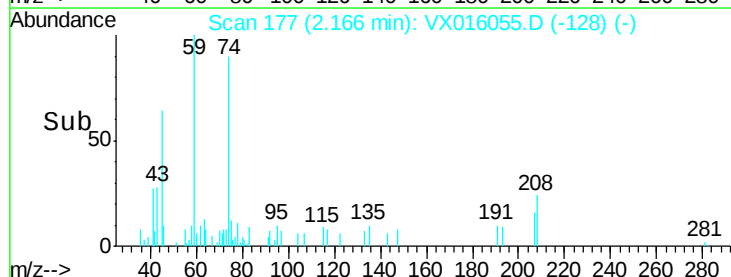
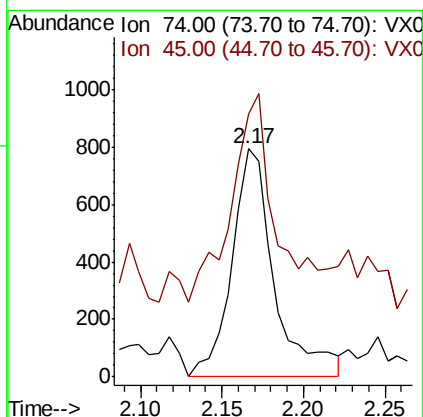
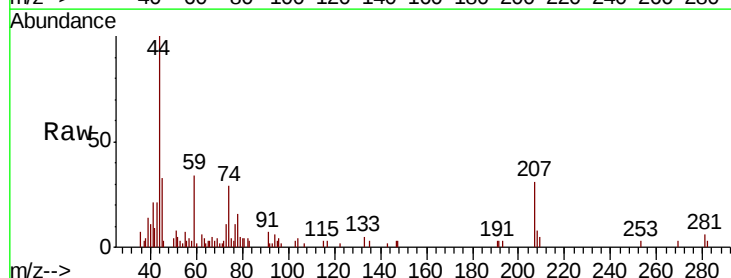
Tot Ion:101 Resp: 2537
Ion Ratio Lower Upper
101 100
103 68.0 51.8 77.6

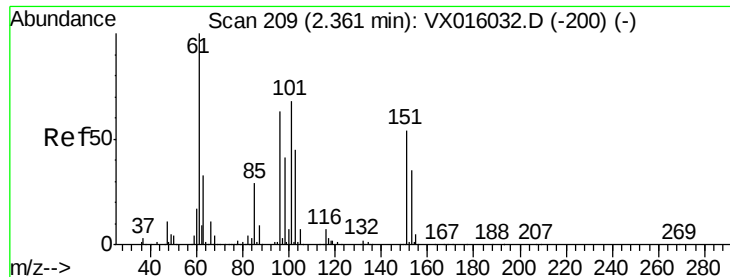


#8

Diethyl Ether
Concen: 0.647 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 74 Resp: 1441
Ion Ratio Lower Upper
74 100
45 92.9 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.492 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampled :

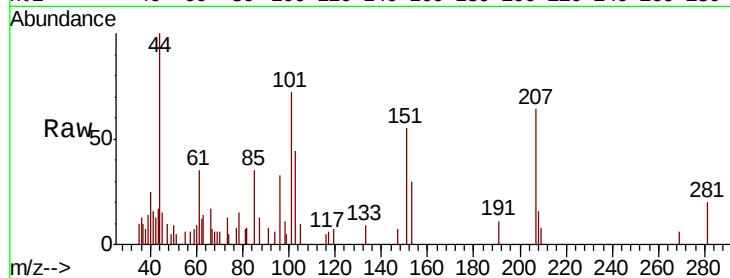
Tot Ion:101 Resp: 1500

Ion Ratio Lower Upper

101 100

85 51.1 34.2 51.4

151 81.5 62.1 93.1



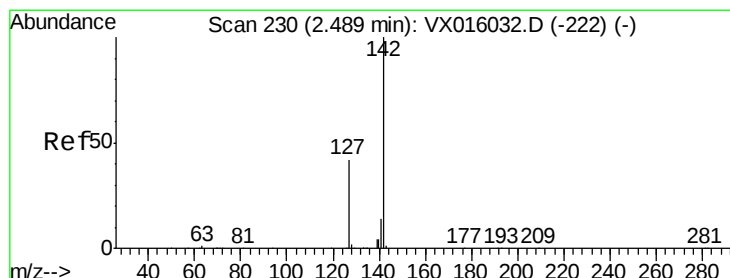
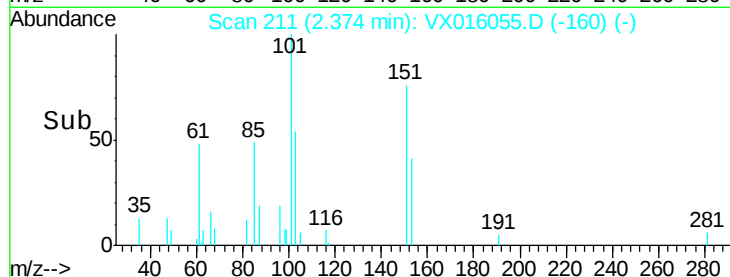
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

Time-->

2.37



#10

Methyl Iodide

Concen: 0.445 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

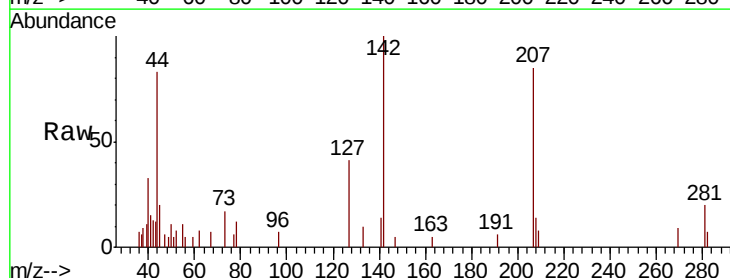
Tgt Ion:142 Resp: 1823

Ion Ratio Lower Upper

142 100

127 46.6 34.6 52.0

141 15.0 11.3 16.9



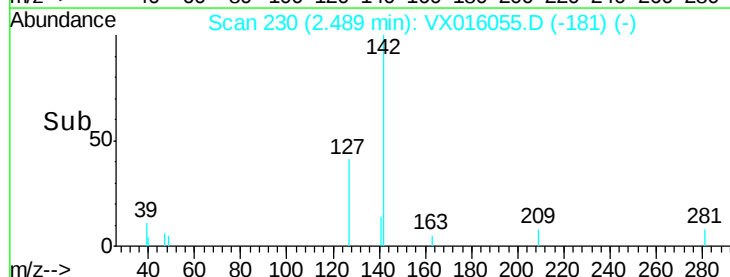
Abundance Ion 141.80 (141.50 to 142.50): V

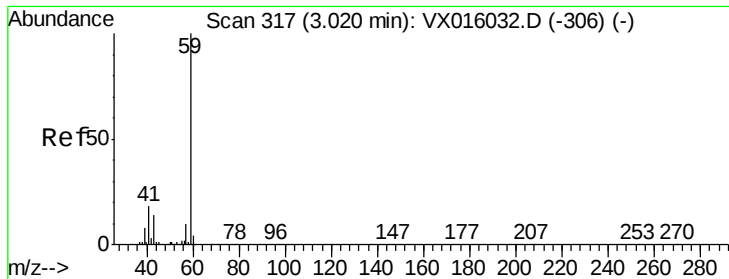
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->

2.49



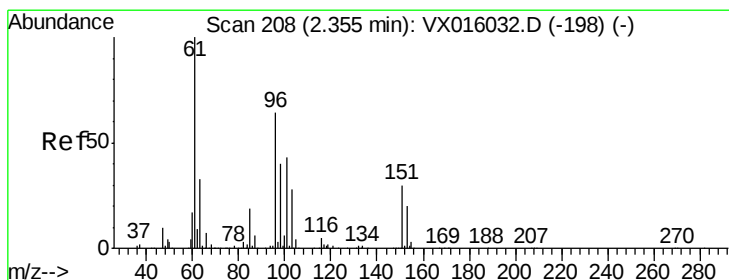
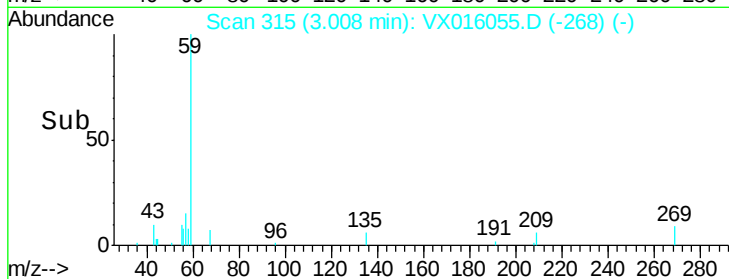
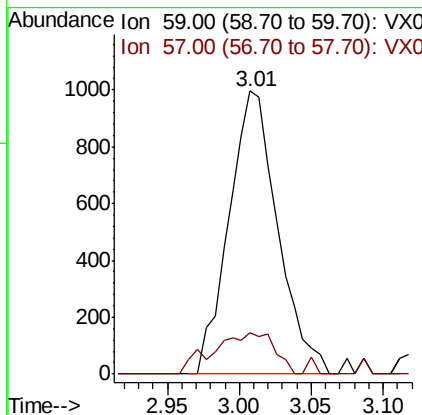
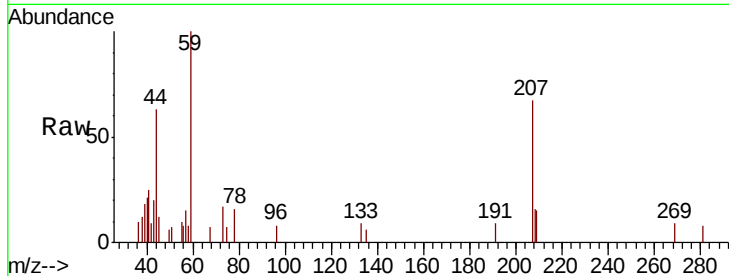


#11

Tert butyl alcohol
Concen: 2.294 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Instrument :
MSVOA_X
ClientSampled :

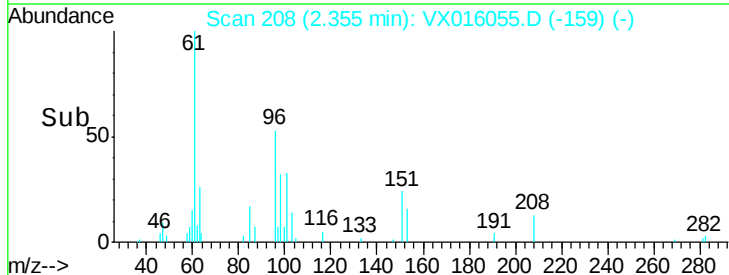
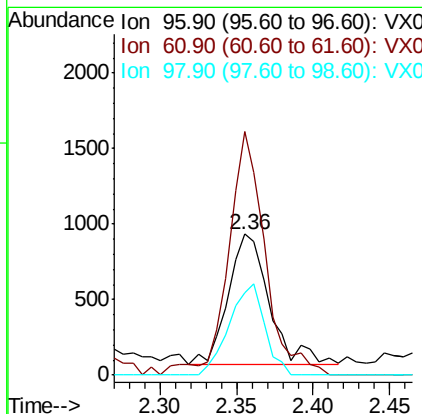
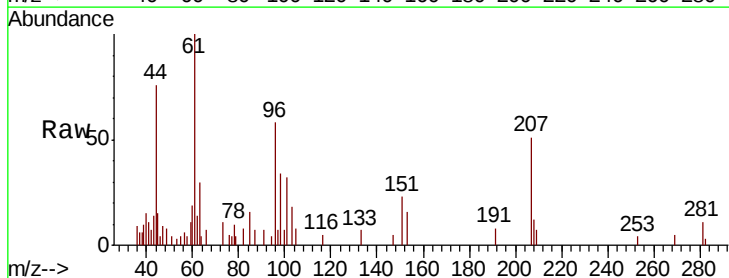
Tot Ion: 59 Resp: 2343
Ion Ratio Lower Upper
59 100
57 18.4 8.2 12.4#

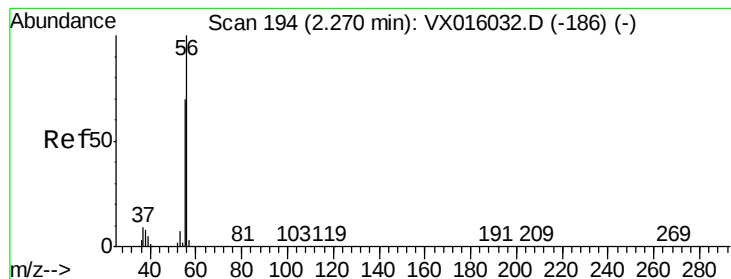


#12

1,1-Dichloroethene
Concen: 0.500 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 96 Resp: 1596
Ion Ratio Lower Upper
96 100
61 187.4 124.8 187.2#
98 63.7 49.7 74.5





#13

Acrolein

Concen: 2.754 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

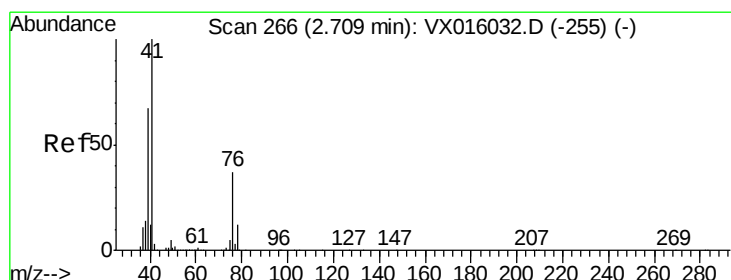
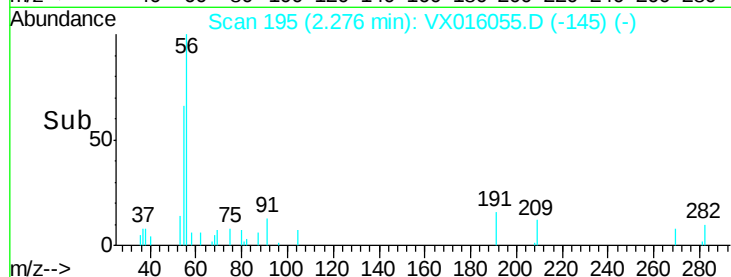
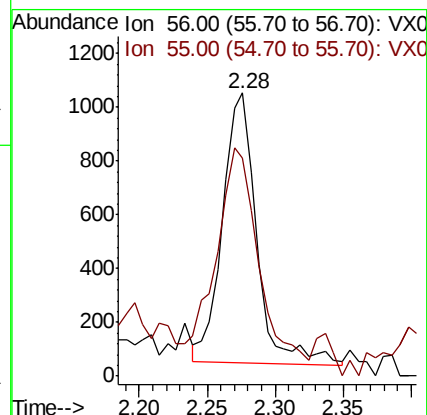
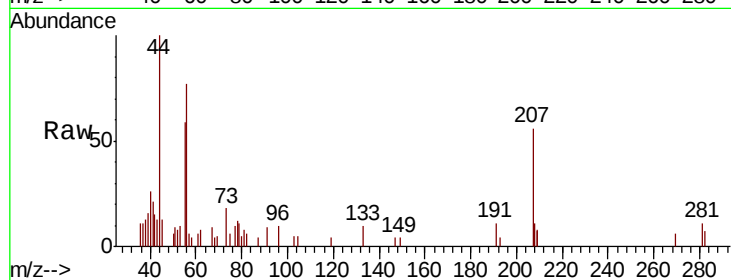
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 1760

Ion Ratio Lower Upper

56 100

55 93.0 56.5 84.7#



#14

Allyl chloride

Concen: 0.465 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

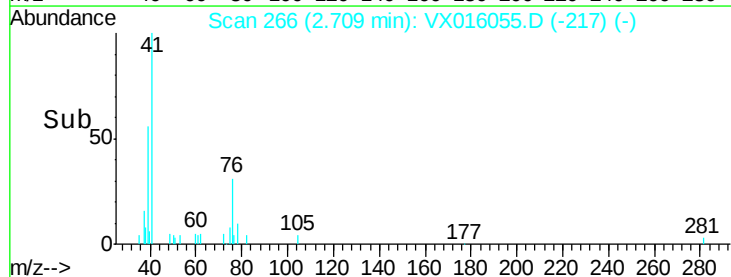
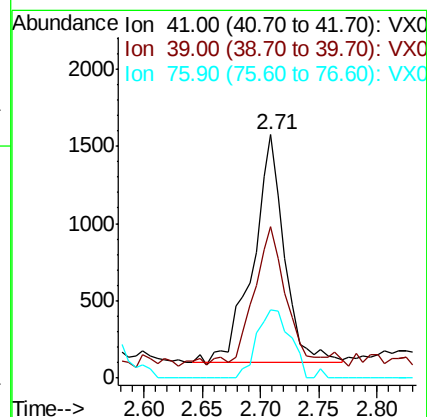
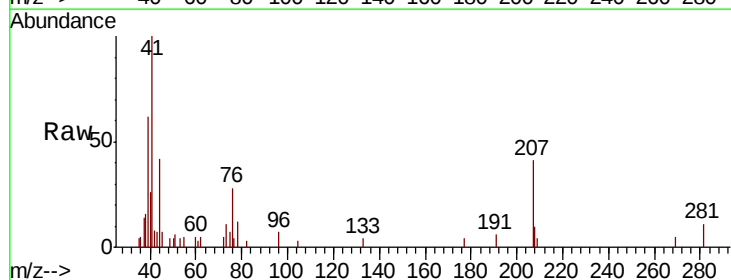
Tgt Ion: 41 Resp: 2718

Ion Ratio Lower Upper

41 100

39 63.8 50.5 75.7

76 32.3 26.6 40.0





#15

Acrylonitrile

Concen: 2.358 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

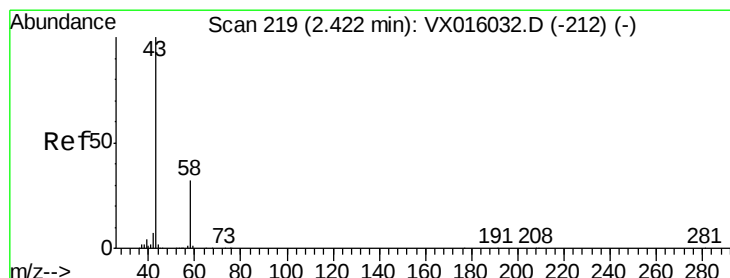
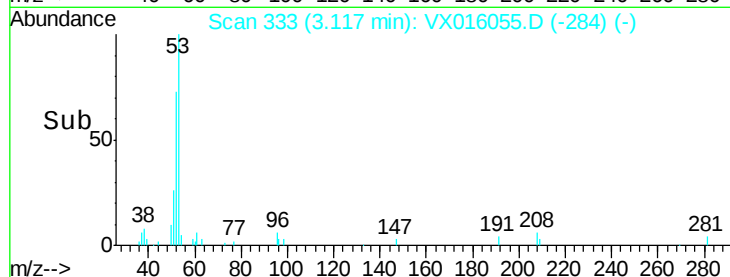
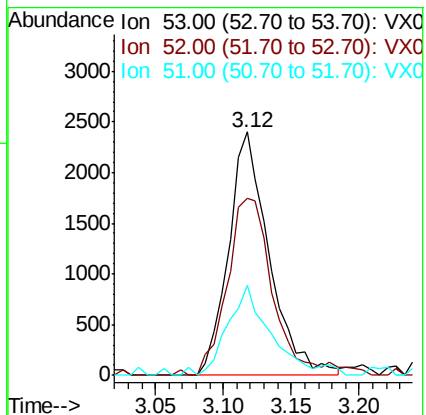
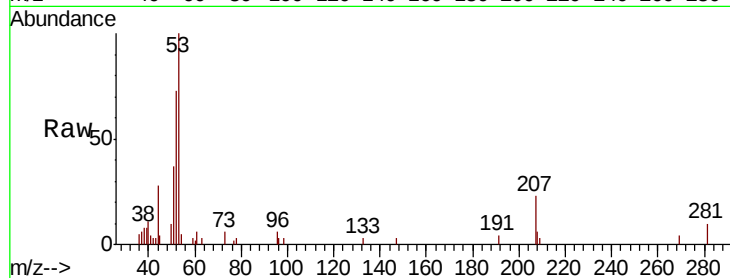
Tot Ion: 53 Resp: 4995

Ion Ratio Lower Upper

53 100

52 83.1 66.1 99.1

51 38.1 28.8 43.2



#16

Acetone

Concen: 2.596 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016055.D

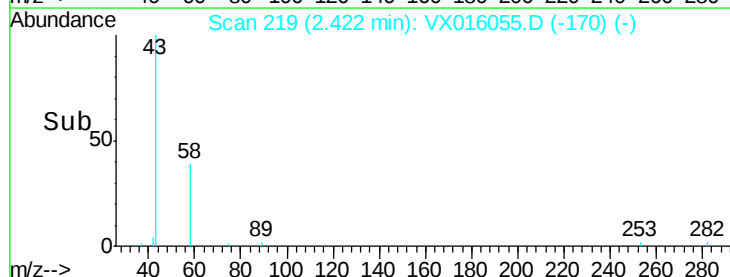
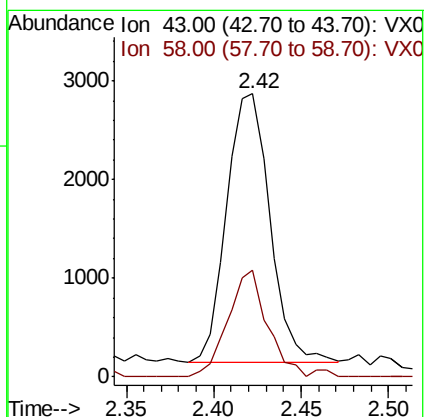
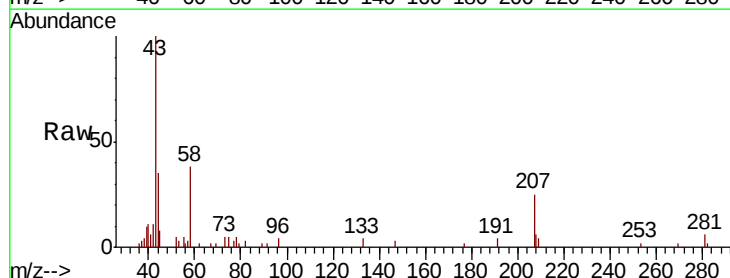
Acq: 05 May 2020 11:56

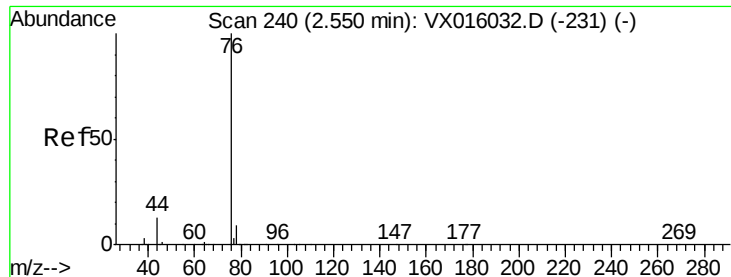
Tgt Ion: 43 Resp: 4679

Ion Ratio Lower Upper

43 100

58 39.6 25.4 38.0#





#17

Carbon Disulfide

Concen: 0.567 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

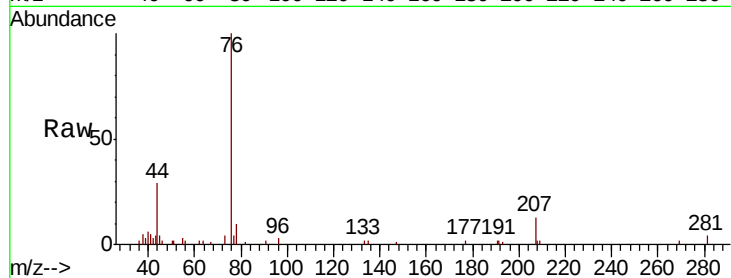
ClientSampled :

Tot Ion: 76 Resp: 7390

Ion Ratio Lower Upper

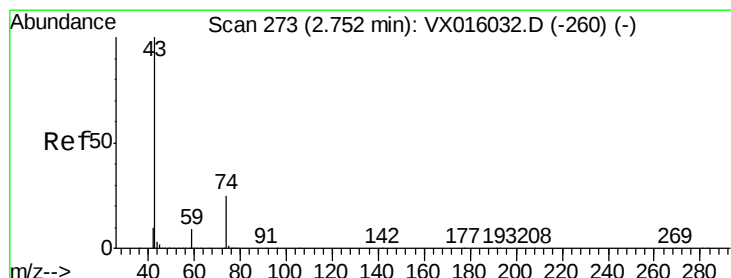
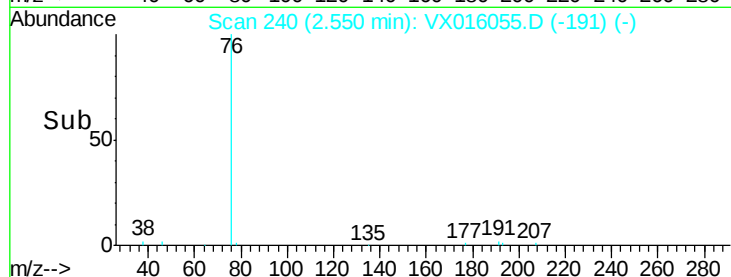
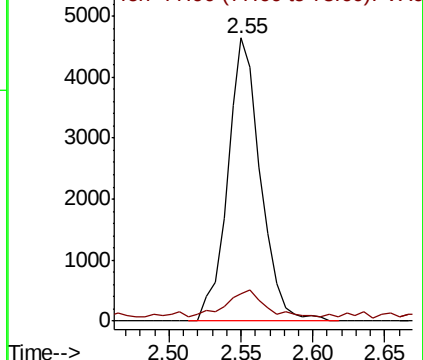
76 100

78 8.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.516 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016055.D

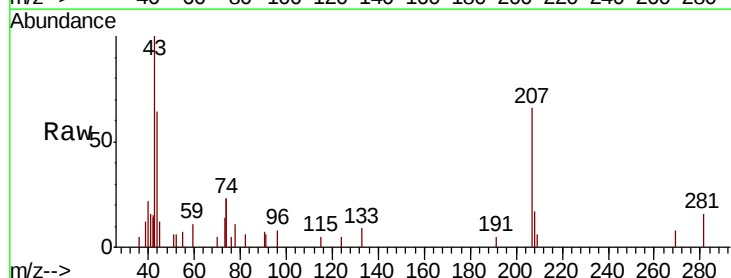
Acq: 05 May 2020 11:56

Tgt Ion: 43 Resp: 2286

Ion Ratio Lower Upper

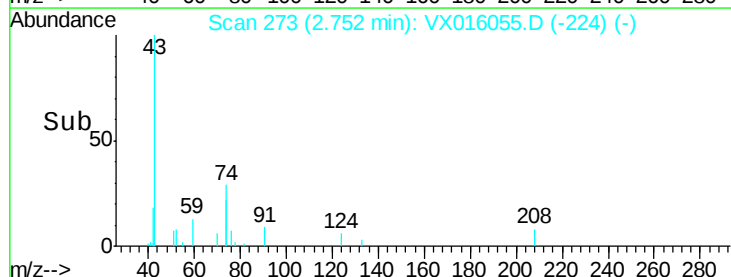
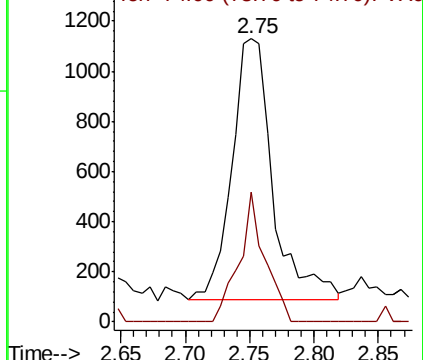
43 100

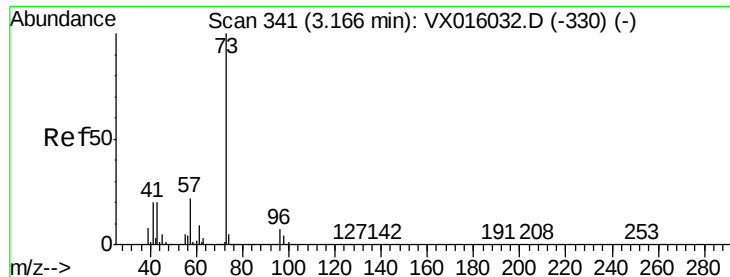
74 31.6 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



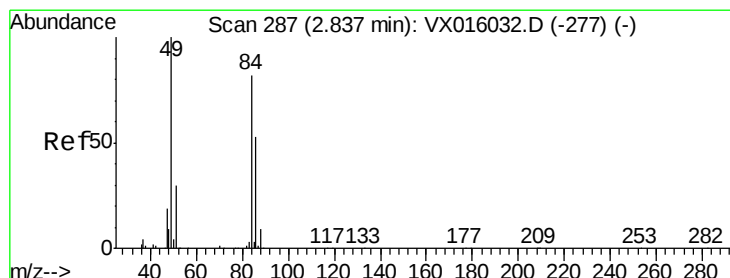
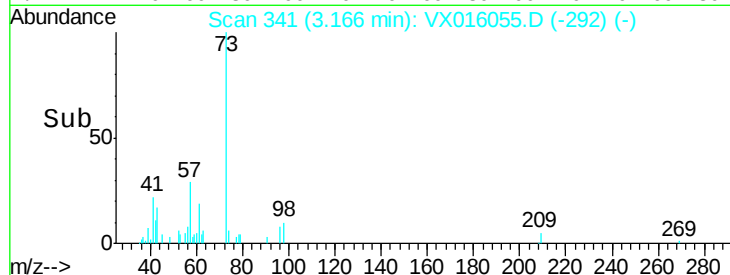
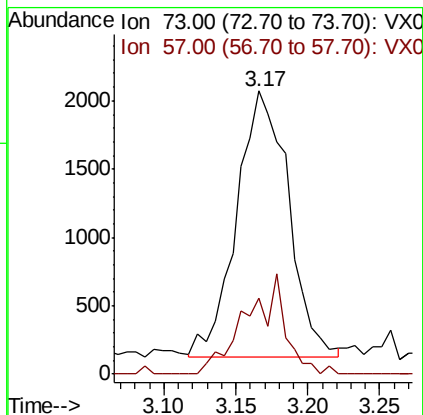
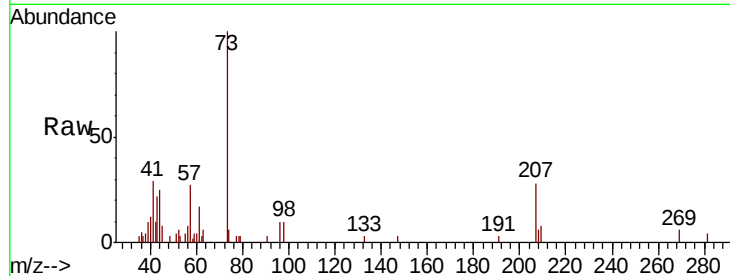


#19

Methyl tert-butyl Ether
 Concen: 0.441 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :

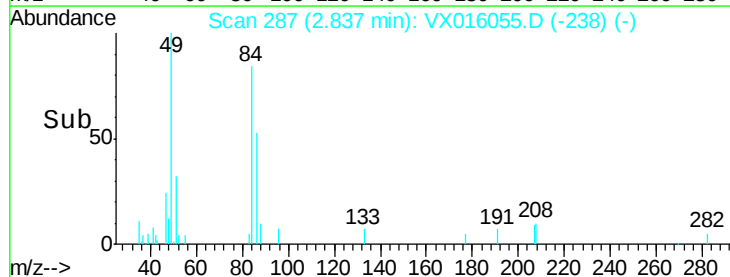
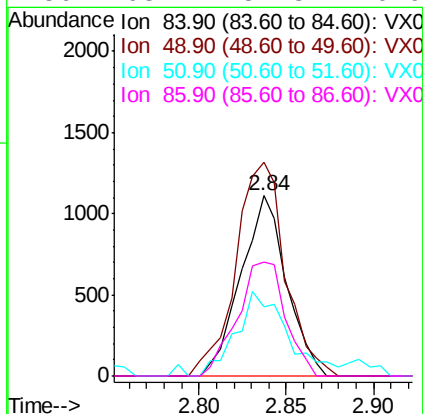
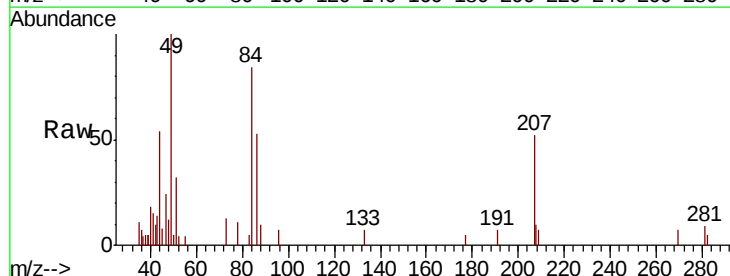
Tot Ion: 73 Resp: 4853
 Ion Ratio Lower Upper
 73 100
 57 29.0 17.8 26.6#



#20

Methylene Chloride
 Concen: 0.546 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

Tgt Ion: 84 Resp: 2028
 Ion Ratio Lower Upper
 84 100
 49 118.5 97.3 145.9
 51 38.3 29.3 43.9
 86 63.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.625 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

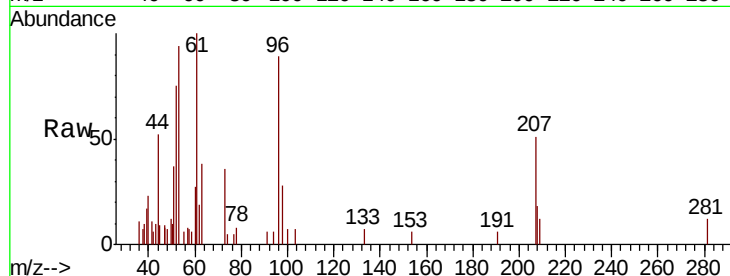
Tot Ion: 96 Resp: 2221

Ion Ratio Lower Upper

96 100

61 112.0 111.2 166.8

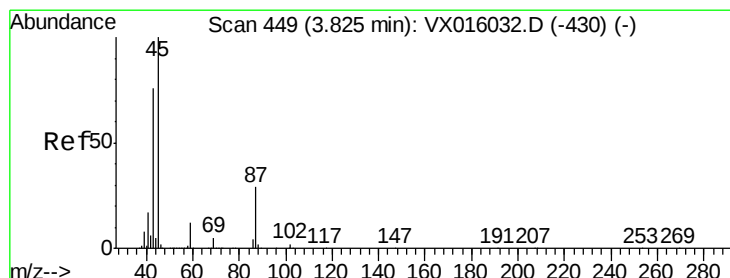
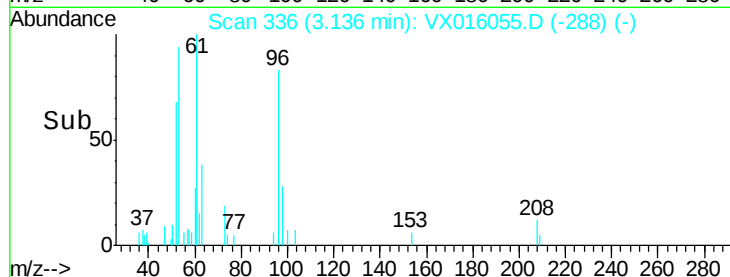
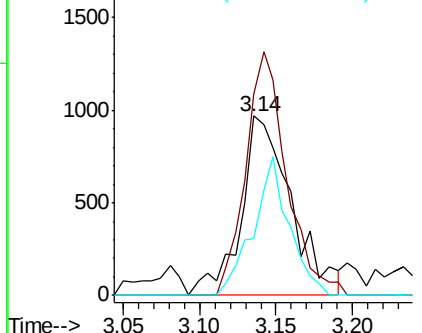
98 31.7 50.2 75.4#



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



#22

Diisopropyl ether

Concen: 0.450 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Tgt Ion: 45 Resp: 4970

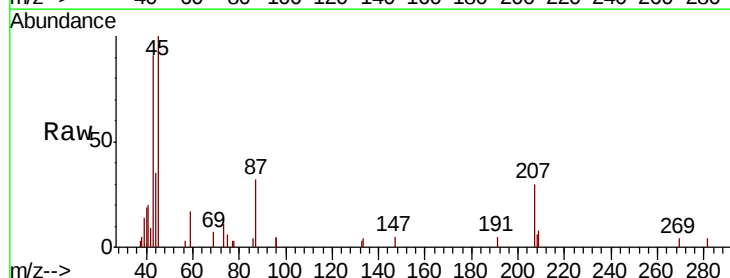
Ion Ratio Lower Upper

45 100

43 81.9 61.1 91.7

87 31.6 23.0 34.6

59 17.1 9.8 14.6#

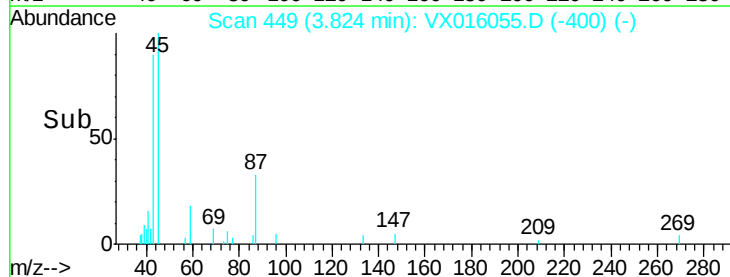
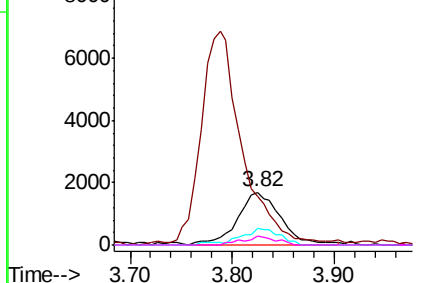


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 2.000 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

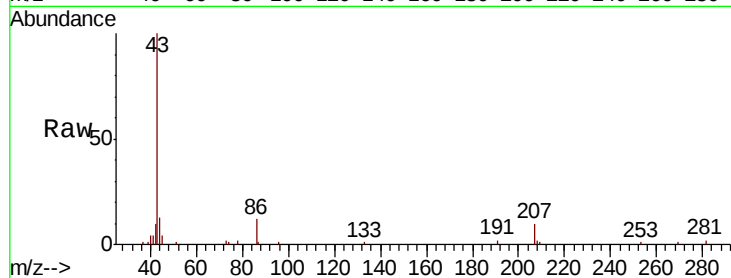
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 19415

Ion Ratio Lower Upper

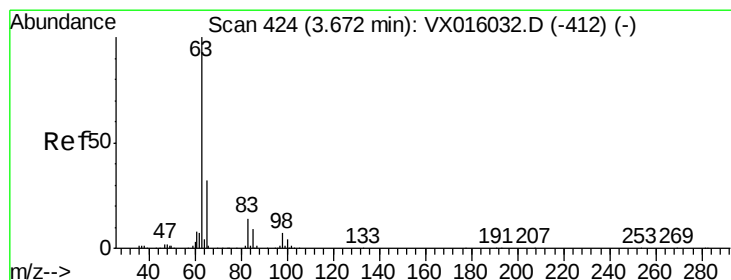
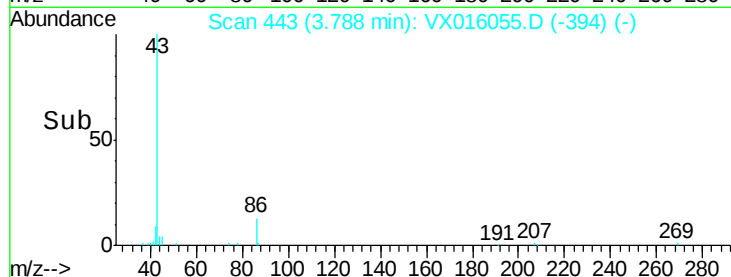
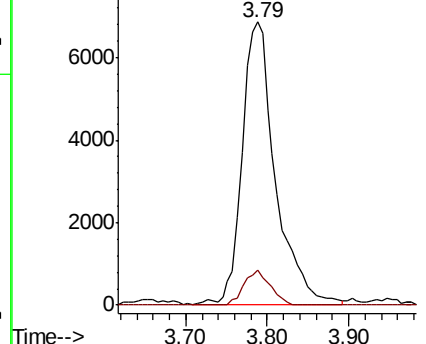
43 100

86 12.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.452 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

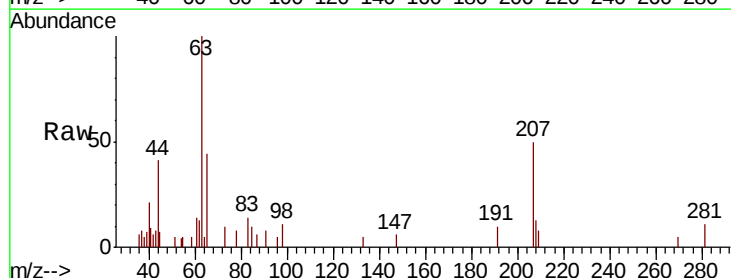
Tgt Ion: 63 Resp: 2790

Ion Ratio Lower Upper

63 100

98 11.3 3.5 10.5#

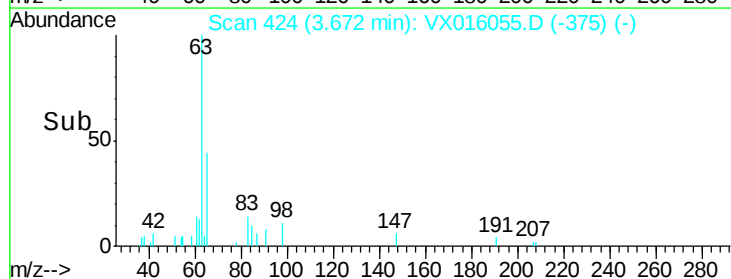
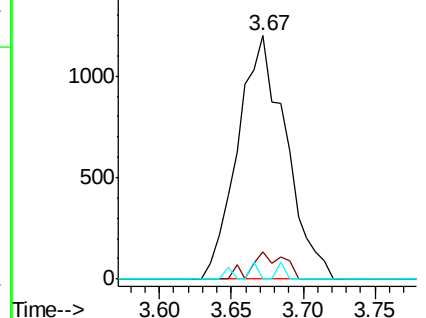
100 0.0 2.1 6.5#

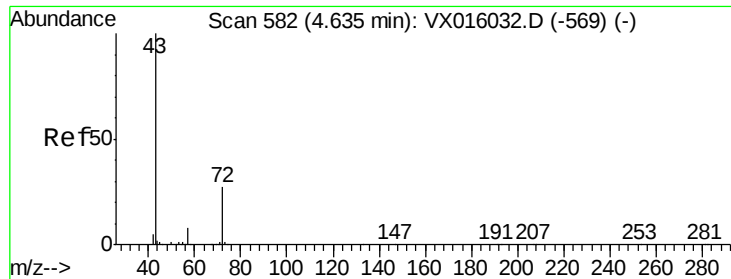


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 2.233 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

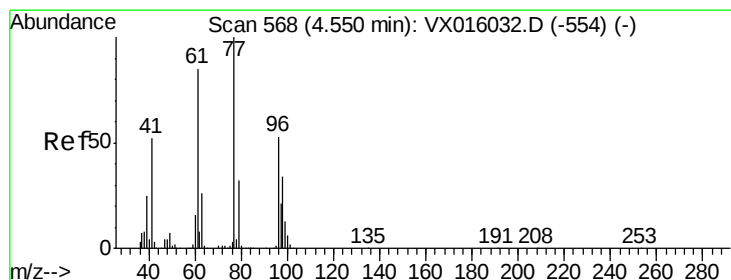
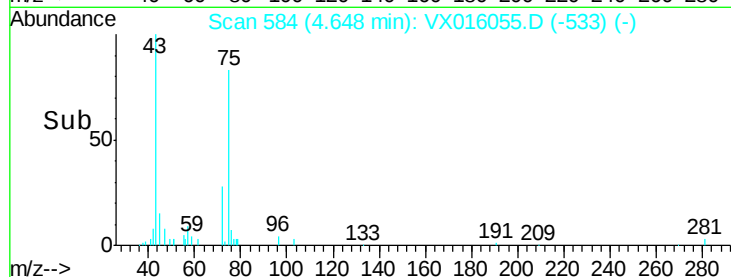
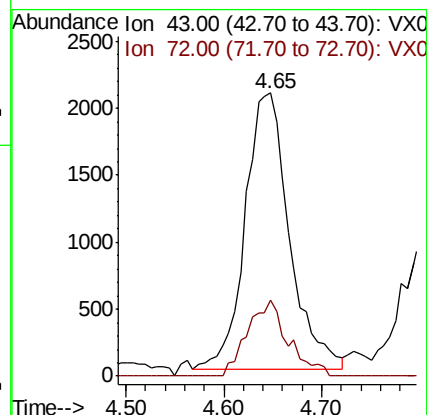
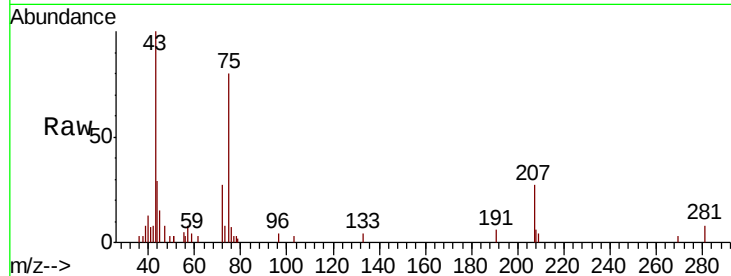
ClientSampled :

Tot Ion: 43 Resp: 6484

Ion Ratio Lower Upper

43 100

72 27.7 21.8 32.8



#26

2,2-Dichloropropane

Concen: 0.474 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016055.D

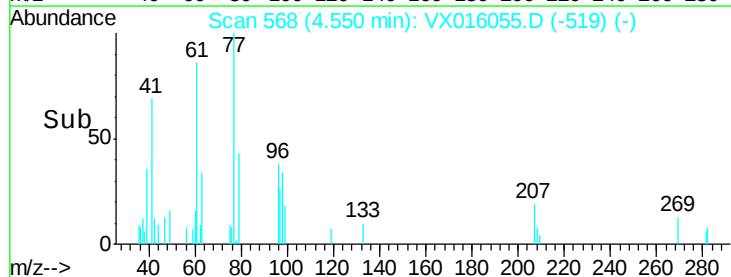
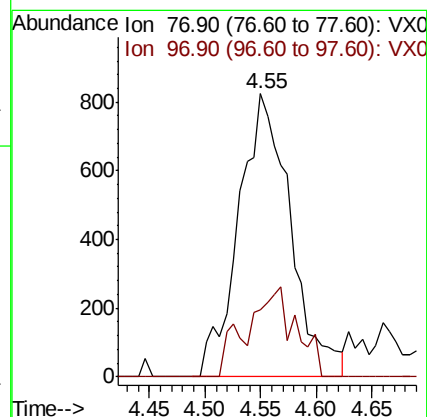
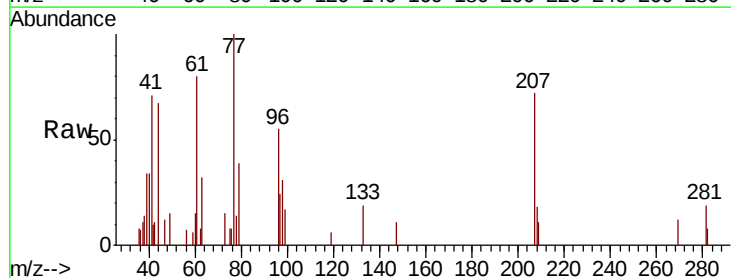
Acq: 05 May 2020 11:56

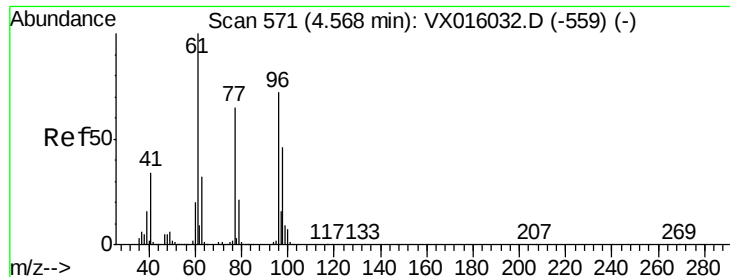
Tgt Ion: 77 Resp: 2675

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6



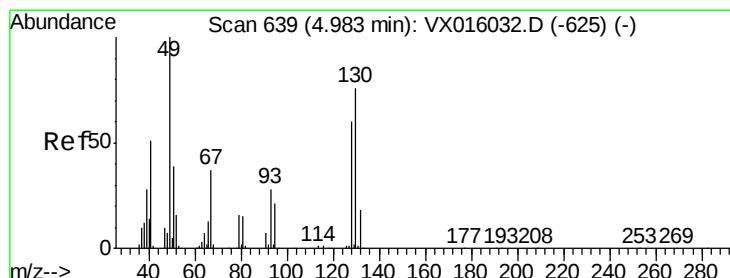
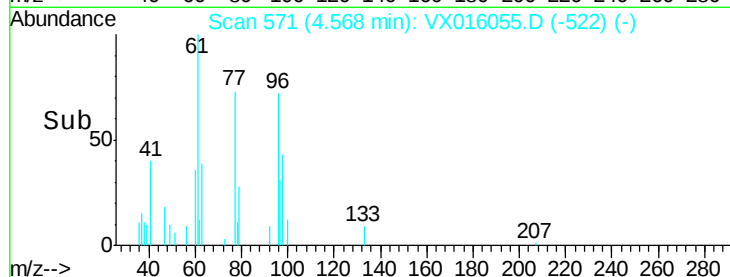
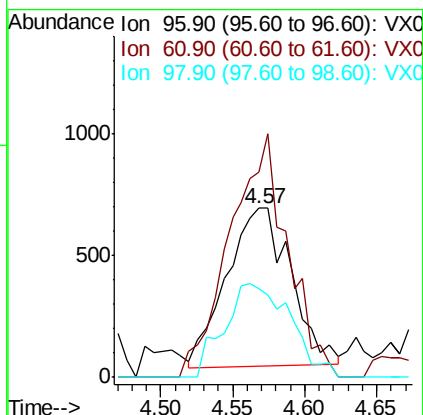
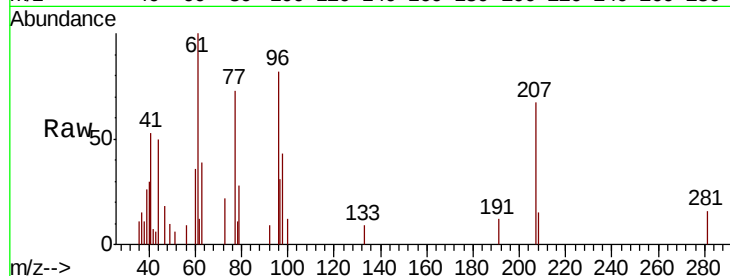


#27

cis-1,2-Dichloroethene
Concen: 0.519 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Instrument :
MSVOA_X
ClientSampled :

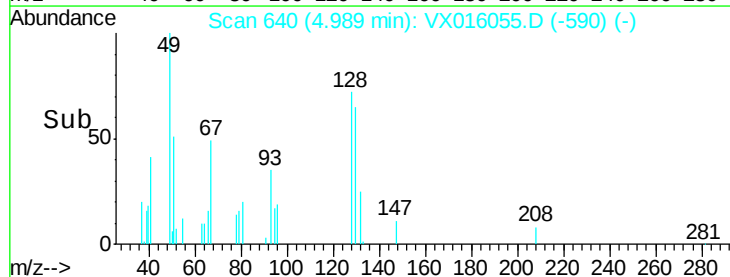
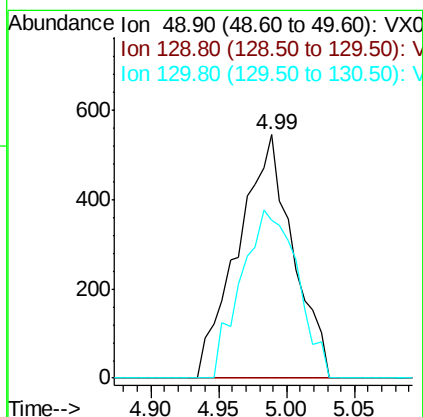
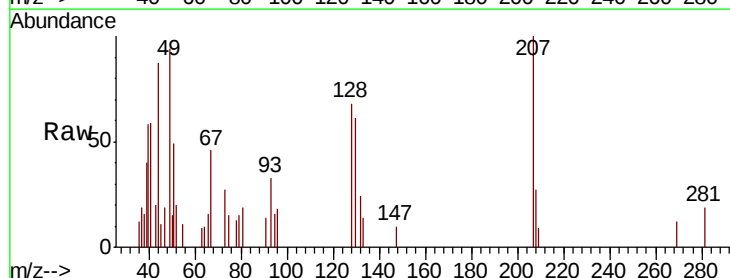
Tot Ion: 96 Resp: 2016
Ion Ratio Lower Upper
96 100
61 138.3 0.0 296.2
98 61.0 0.0 129.4

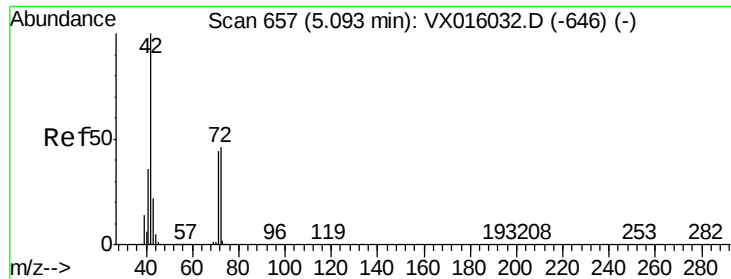


#28

Bromochloromethane
Concen: 0.547 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 49 Resp: 1539
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 70.7 62.4 93.6

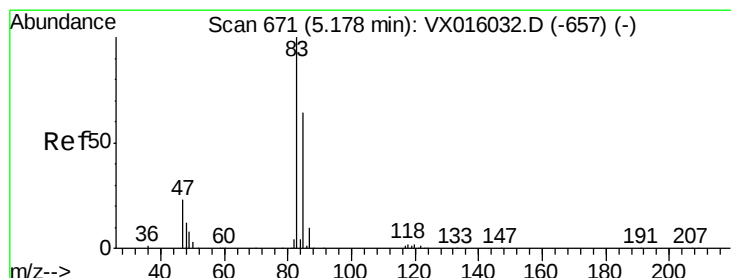
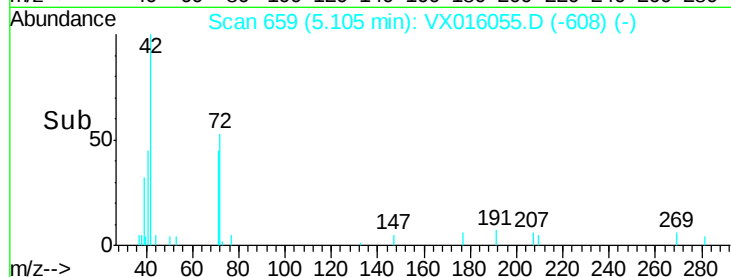
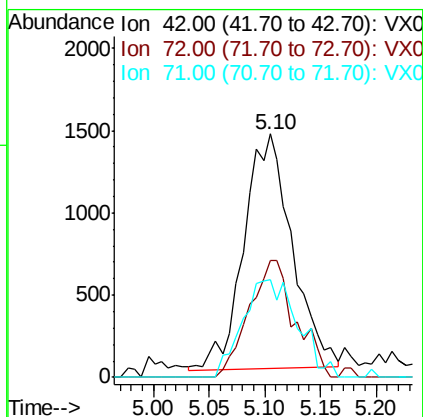
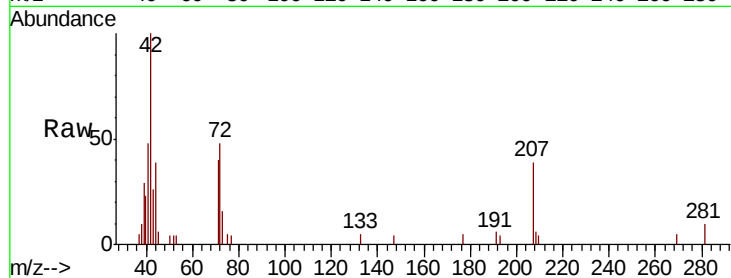




#29
Tetrahydrofuran
Concen: 2.244 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

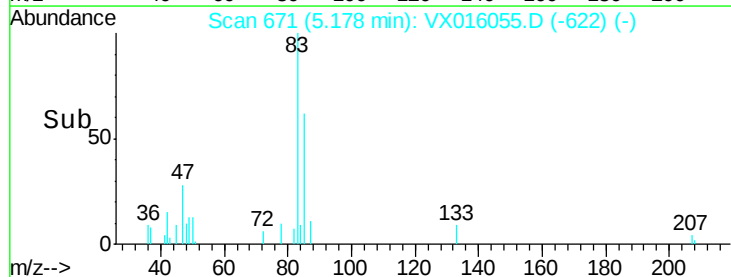
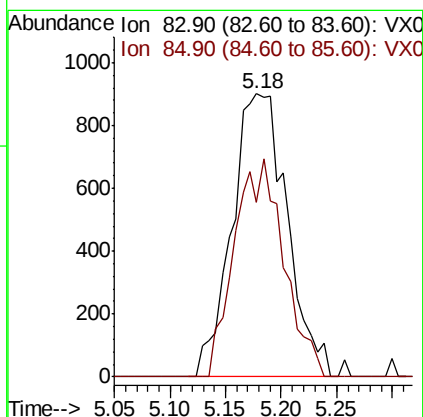
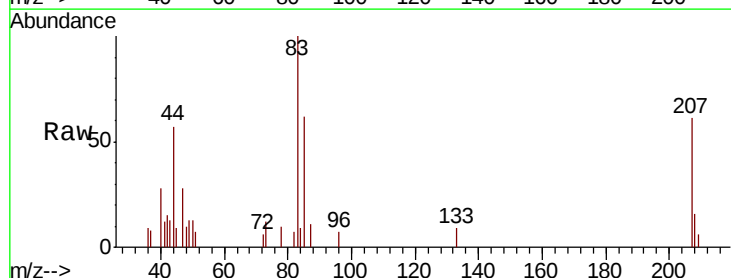
Instrument :
MSVOA_X
ClientSampleId :

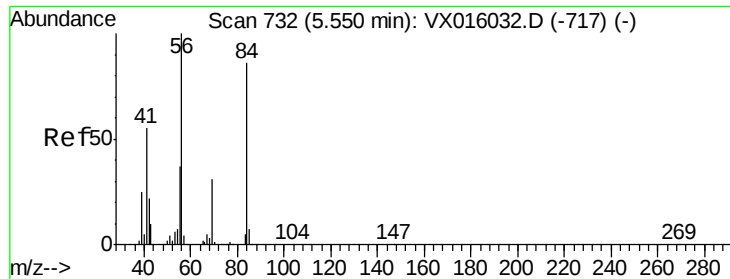
Tot Ion: 42 Resp: 4318
Ion Ratio Lower Upper
42 100
72 47.9 37.1 55.7
71 47.2 34.5 51.7



#30
Chloroform
Concen: 0.506 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 83 Resp: 3111
Ion Ratio Lower Upper
83 100
85 61.8 51.6 77.4

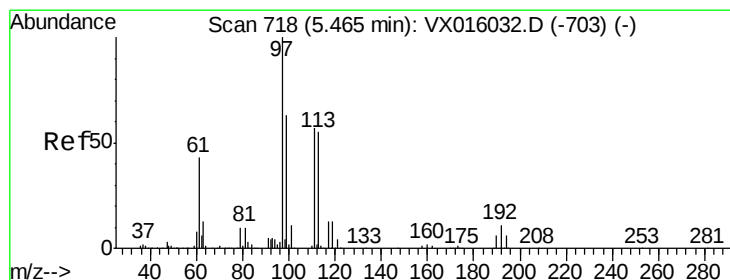
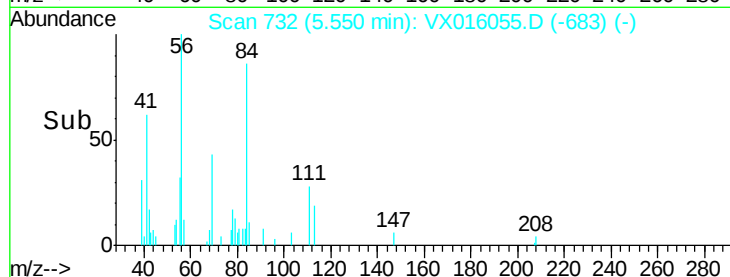
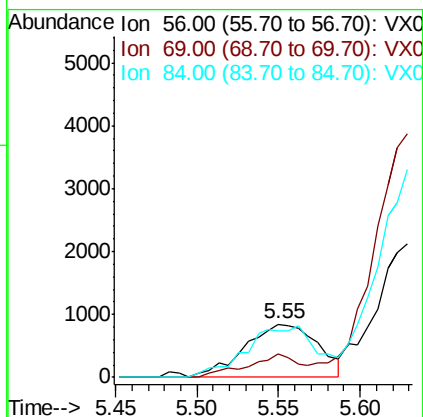
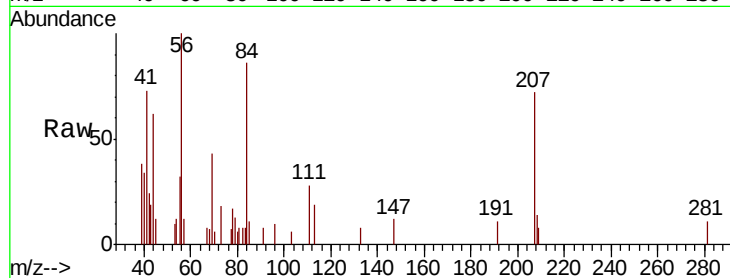




#31
Cyclohexane
Concen: 0.471 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

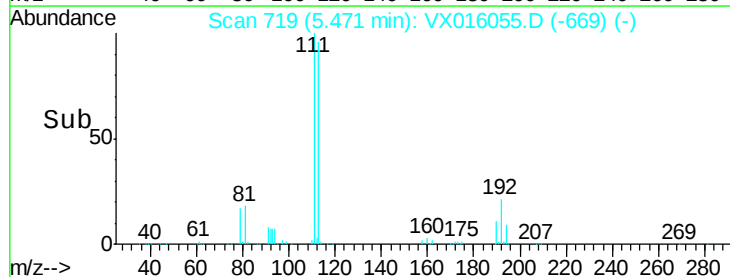
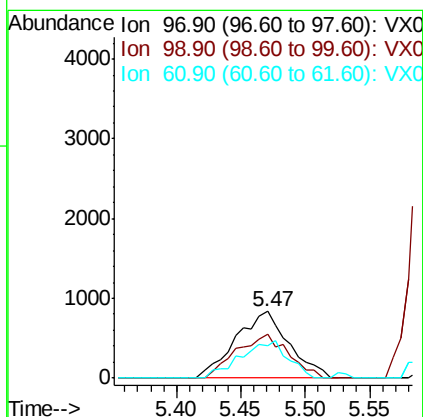
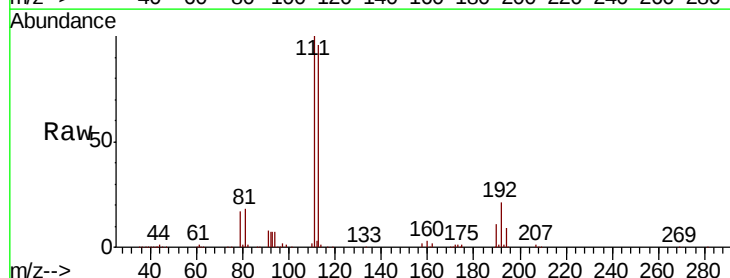
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 2641
Ion Ratio Lower Upper
56 100
69 43.2 25.0 37.6#
84 86.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 0.428 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 97 Resp: 2392
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 49.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.681 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

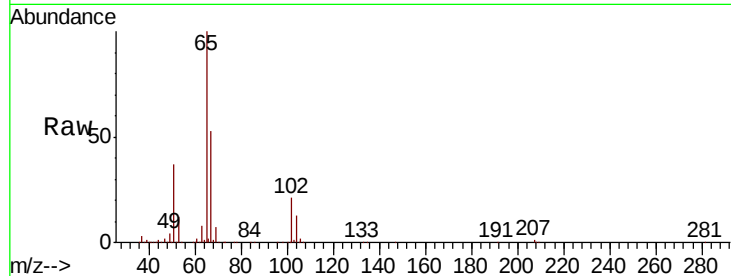
ClientSampleId :

Tot Ion: 65 Resp: 196613

Ion Ratio Lower Upper

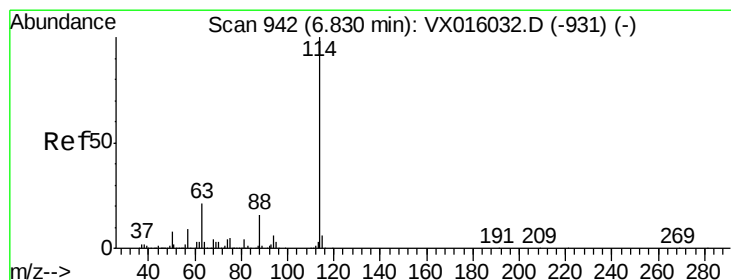
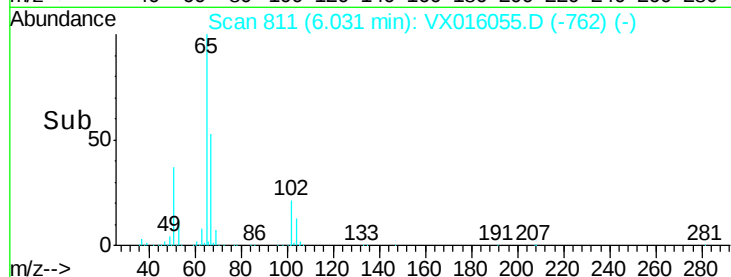
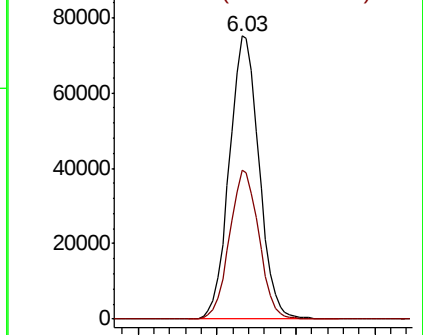
65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

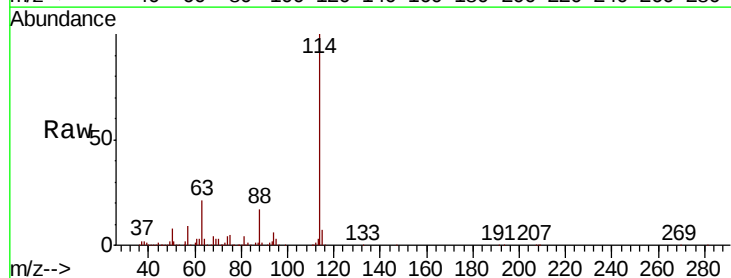
Tgt Ion: 114 Resp: 482905

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

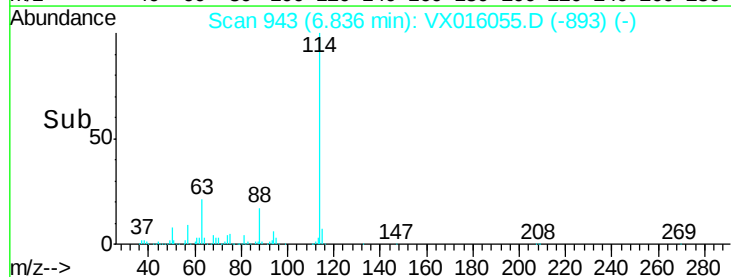
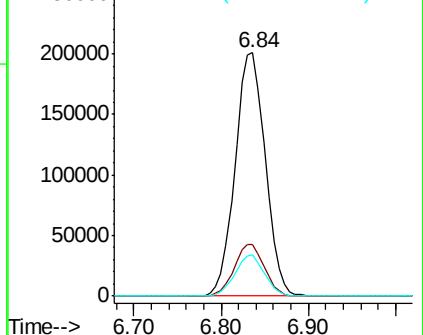
88 16.8 0.0 31.4

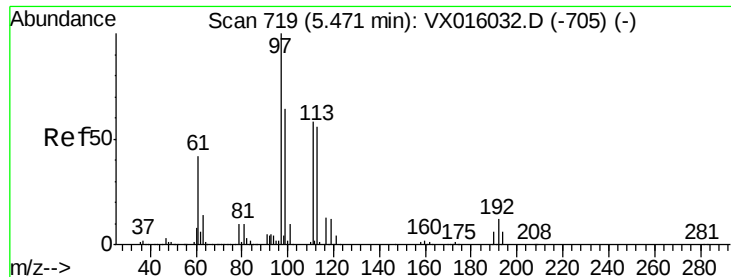


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.738 ug/l

RT: 5.47 min Scan# 719

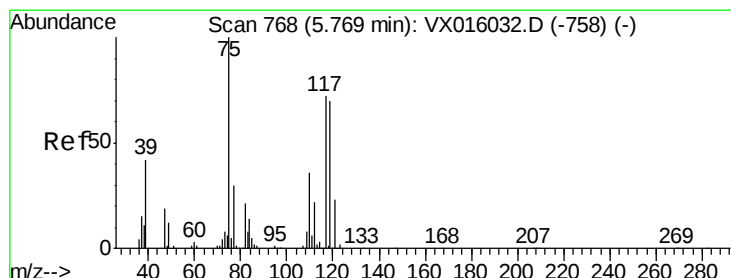
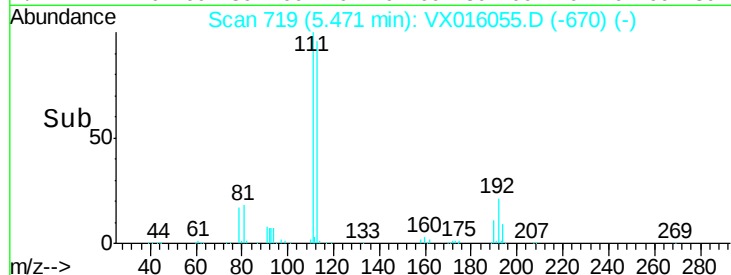
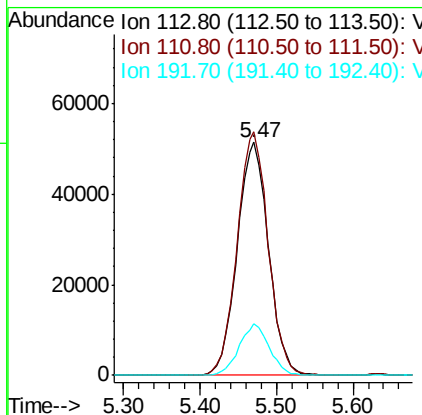
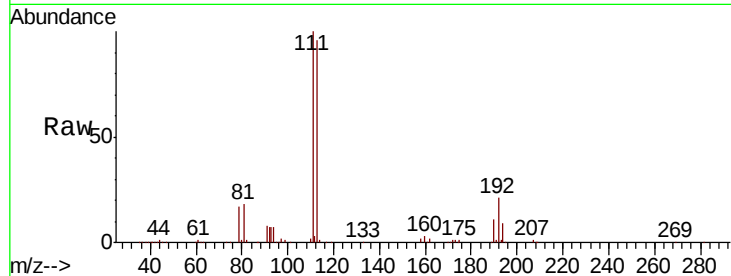
Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	146049
Ion Ratio	Lower	Upper
113	100	
111	103.2	81.6 122.4
192	21.3	17.0 25.4



#36

1,1-Dichloropropene

Concen: 0.564 ug/l

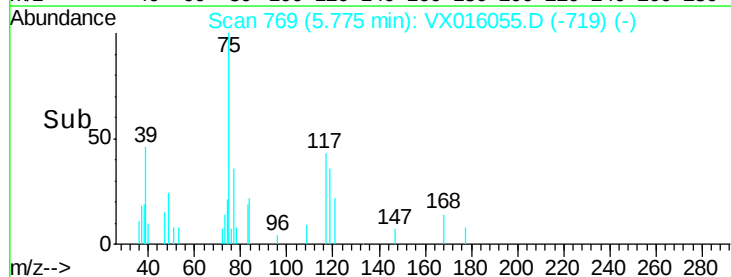
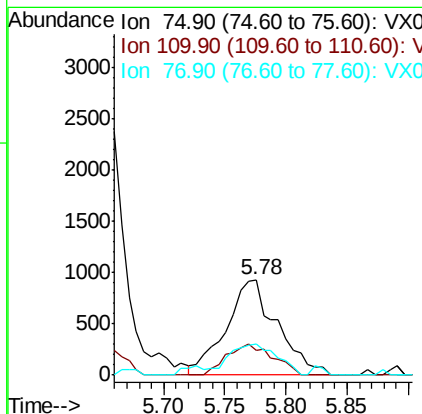
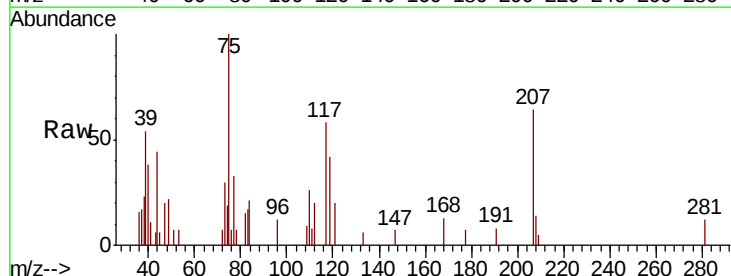
RT: 5.78 min Scan# 769

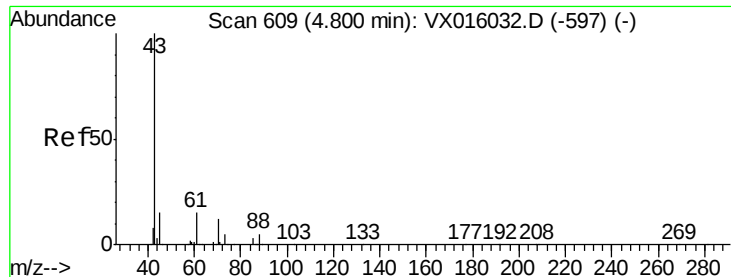
Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Tgt Ion: 75	Resp:	2679
Ion Ratio	Lower	Upper
75	100	
110	29.6	18.1 54.1
77	30.9	25.0 37.6





#37

Ethyl Acetate

Concen: 0.479 ug/l

RT: 4.80 min Scan# 609

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampled :

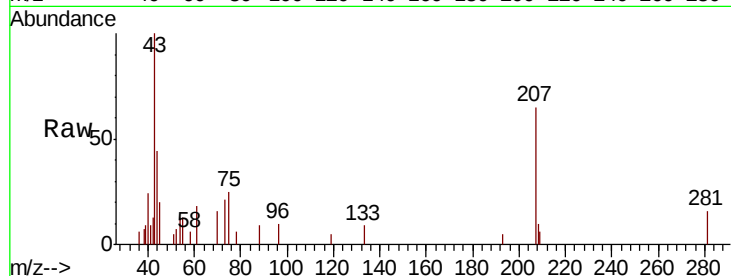
Tot Ion: 43 Resp: 2640

Ion Ratio Lower Upper

43 100

61 21.1 11.7 17.5#

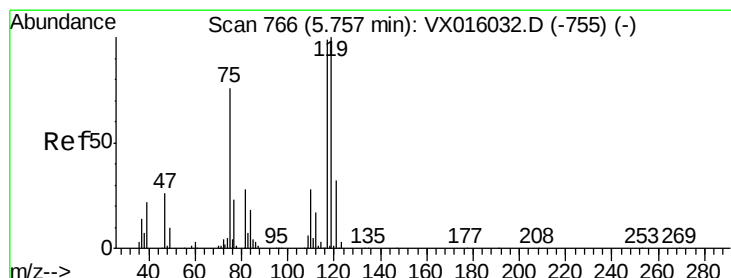
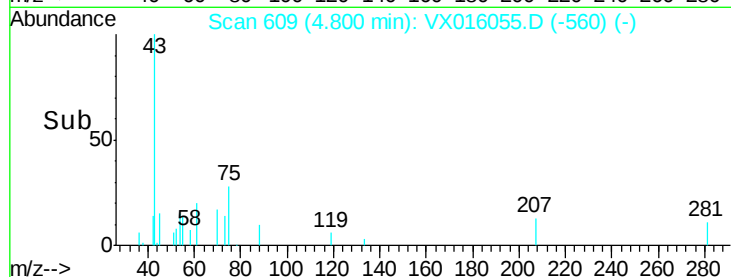
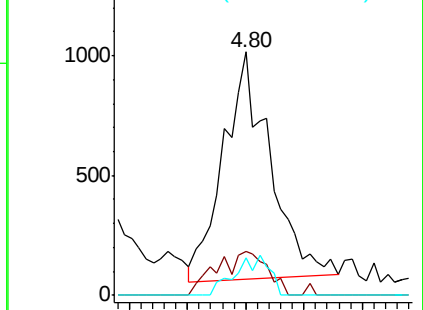
70 12.9 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 0.493 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

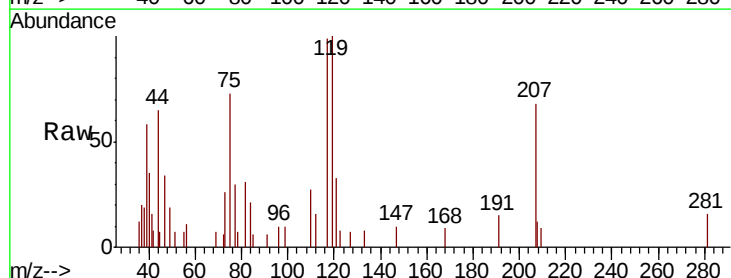
Tgt Ion: 117 Resp: 2382

Ion Ratio Lower Upper

117 100

119 100.6 80.3 120.5

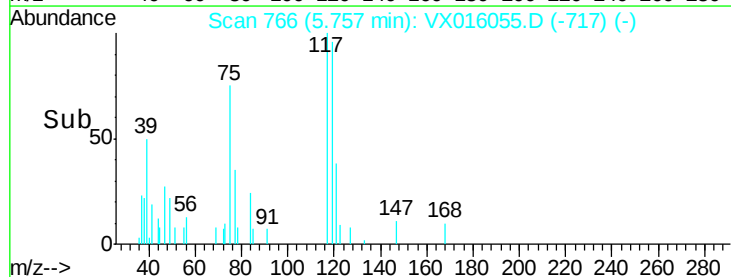
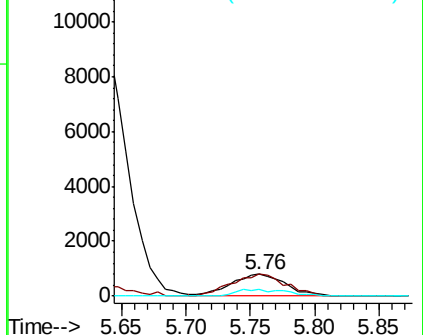
121 33.2 25.7 38.5

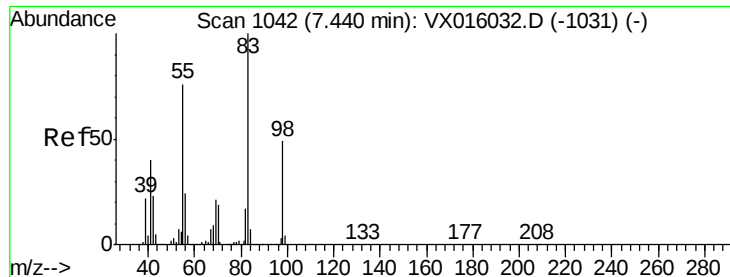


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

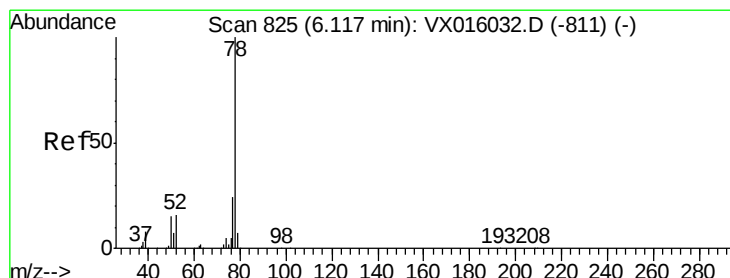
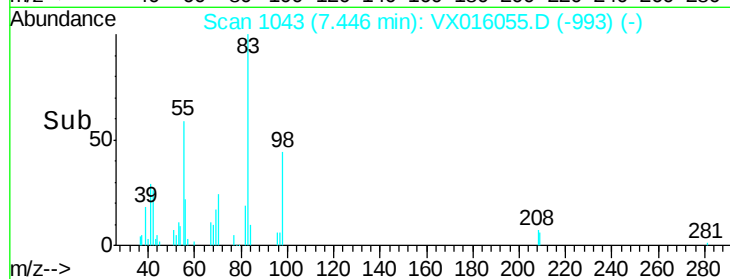
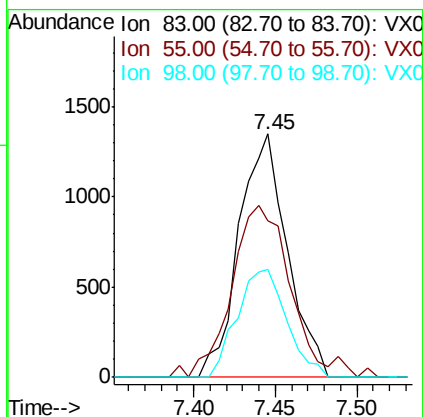
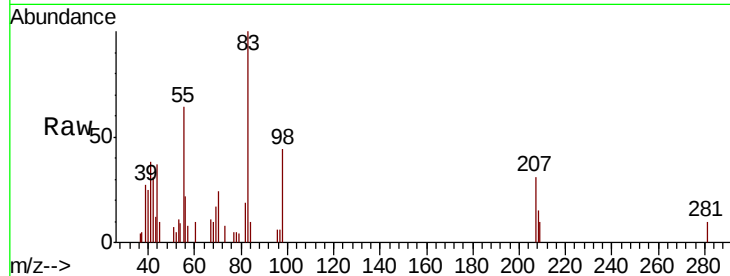




#39
Methvlcvclohexane
Concen: 0.484 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

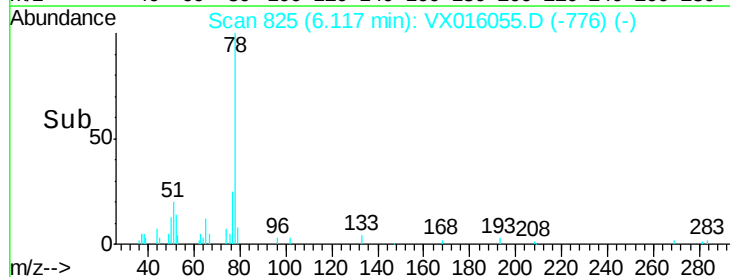
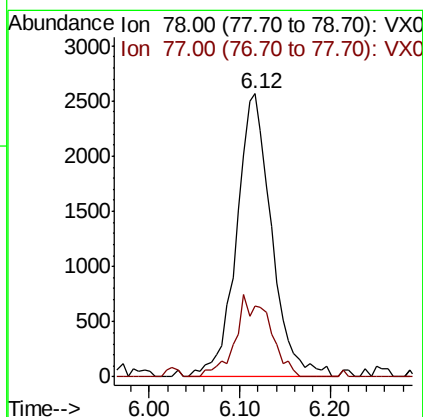
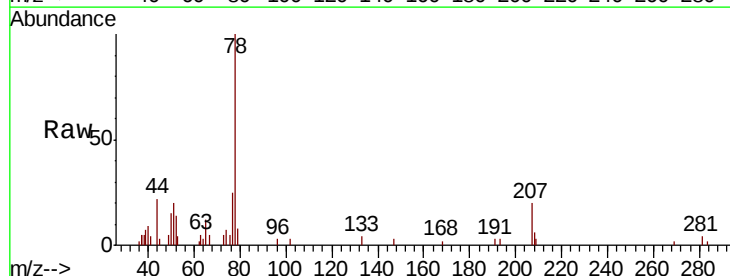
Instrument :
MSVOA_X
ClientSampleId :

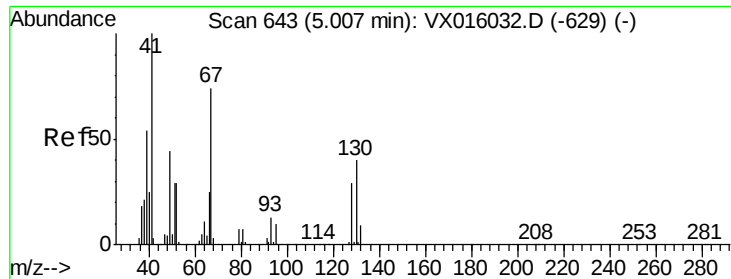
Tot Ion: 83 Resp: 2773
Ion Ratio Lower Upper
83 100
55 64.1 61.1 91.7
98 44.2 39.0 58.4



#40
Benzene
Concen: 0.494 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 78 Resp: 6873
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4

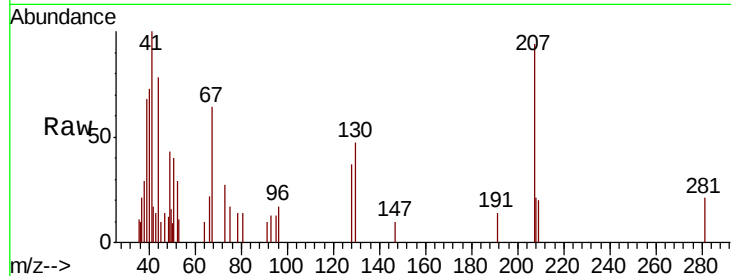




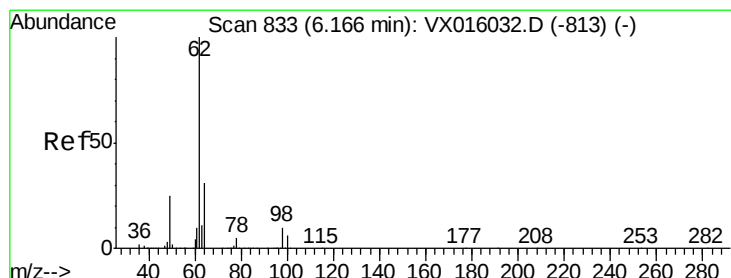
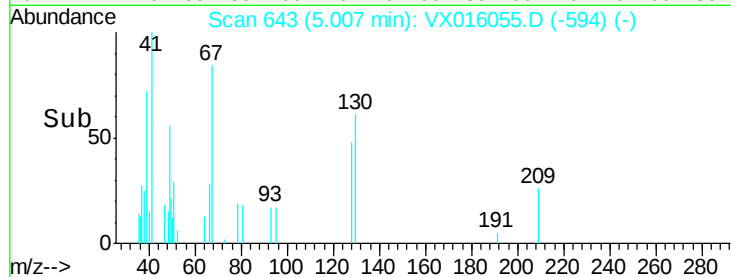
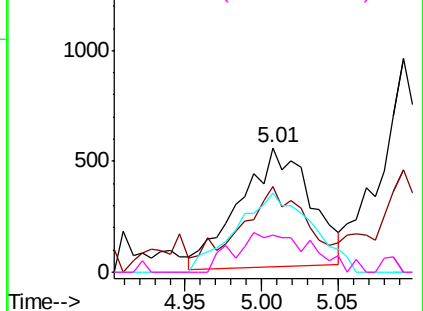
#41
Methacrylonitrile
Concen: 0.581 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	1728
Ion	Ratio	Lower	Upper
41	100		
39	56.8	43.2	64.8
67	71.5	59.3	88.9
52	36.1	23.5	35.3#

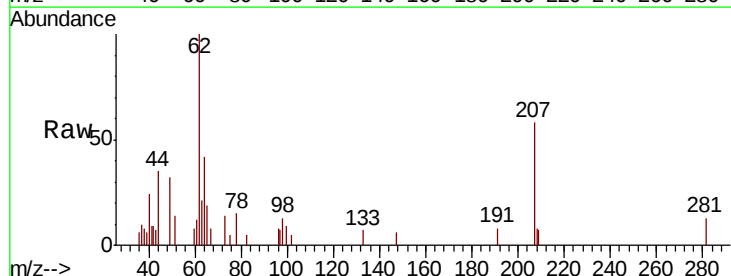


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

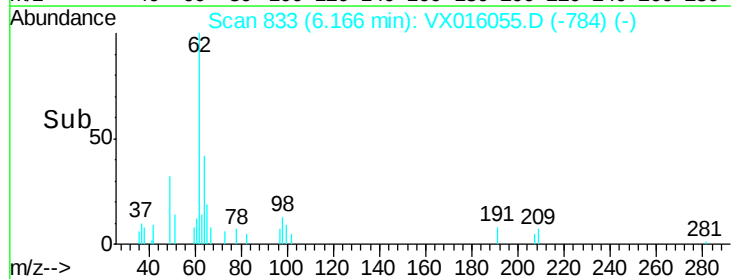
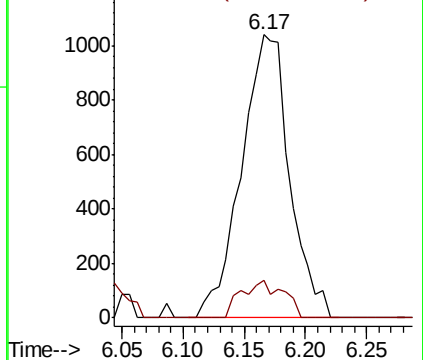


#42
1,2-Dichloroethane
Concen: 0.569 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion:	62	Resp:	2850
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 0.531 ug/l

RT: 6.42 min Scan# 875

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

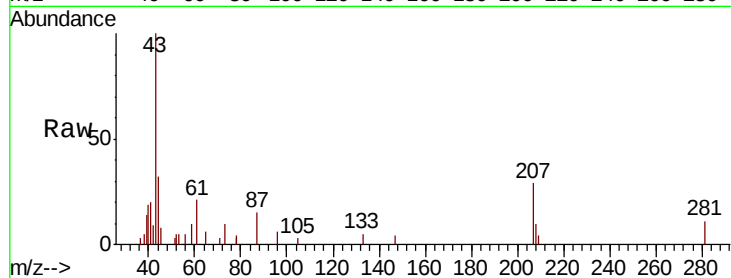
Tot Ion: 43 Resp: 4672

Ion Ratio Lower Upper

43 100

61 19.3 17.0 25.4

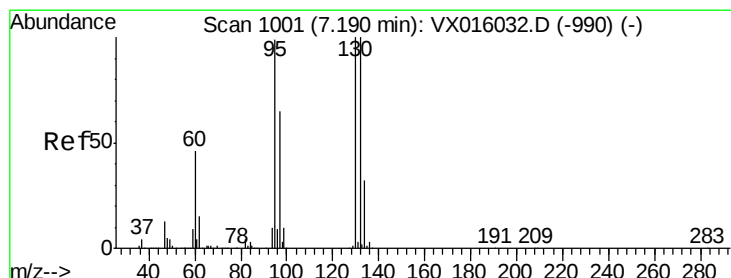
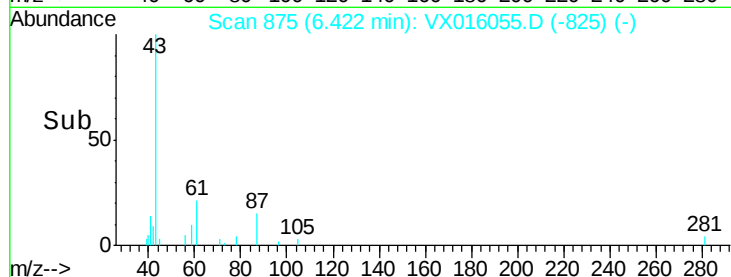
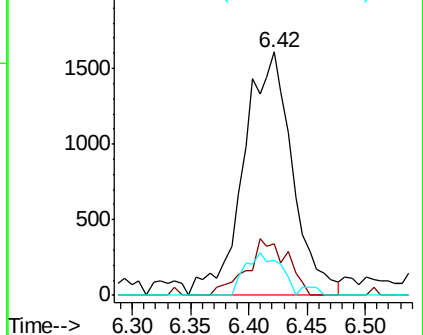
87 12.6 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.528 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016055.D

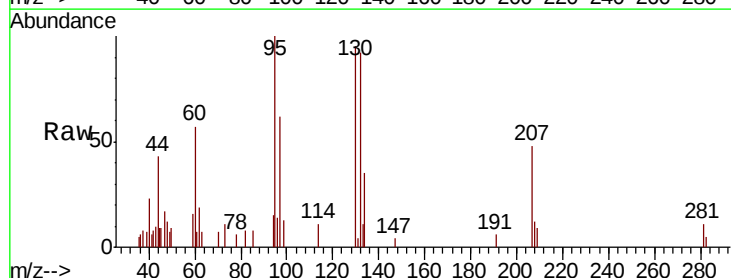
Acq: 05 May 2020 11:56

Tgt Ion: 130 Resp: 2608

Ion Ratio Lower Upper

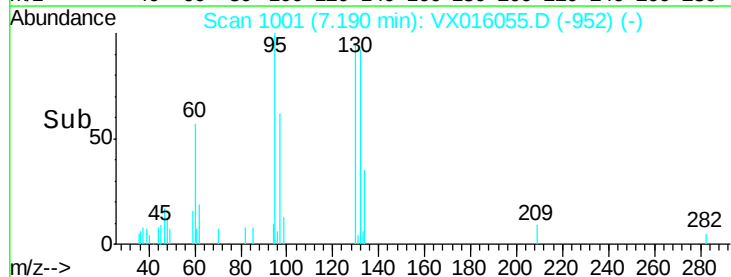
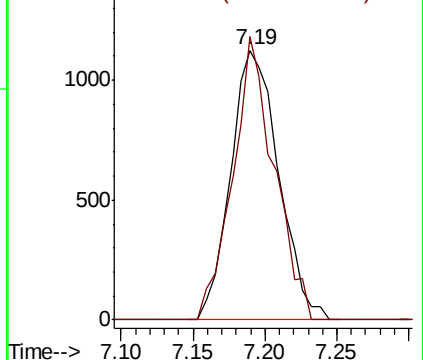
130 100

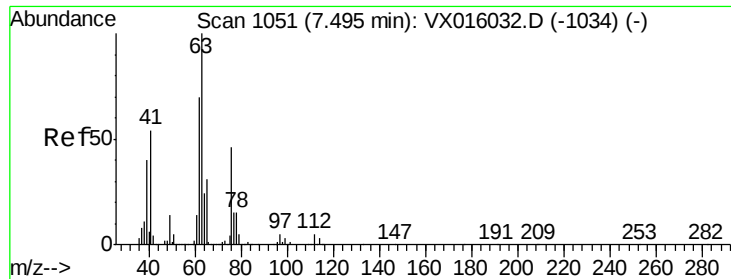
95 105.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.481 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

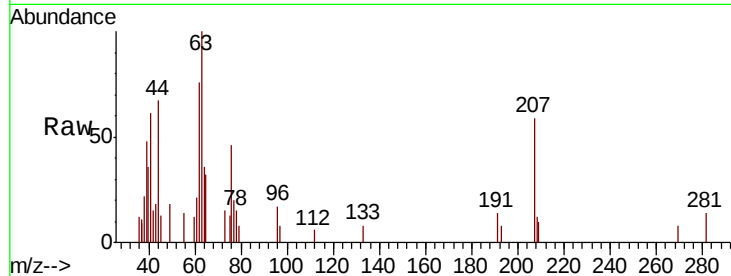
ClientSampled :

Tot Ion: 63 Resp: 1694

Ion Ratio Lower Upper

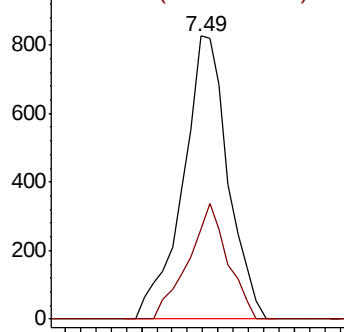
63 100

65 32.0 24.4 36.6

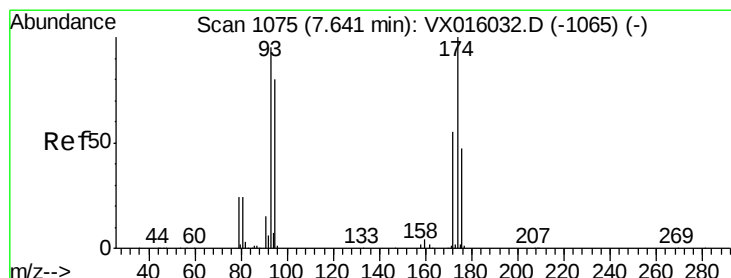
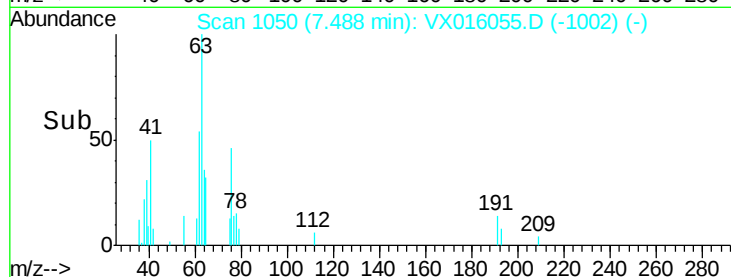


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 0.486 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

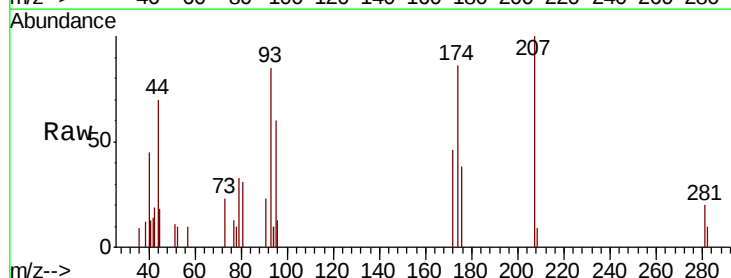
Tgt Ion: 93 Resp: 1162

Ion Ratio Lower Upper

93 100

95 76.8 66.6 100.0

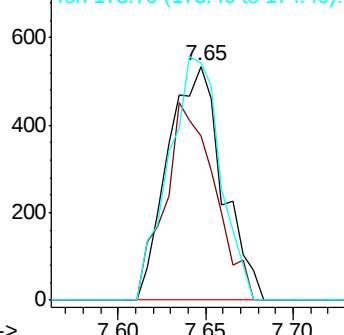
174 98.1 84.2 126.4



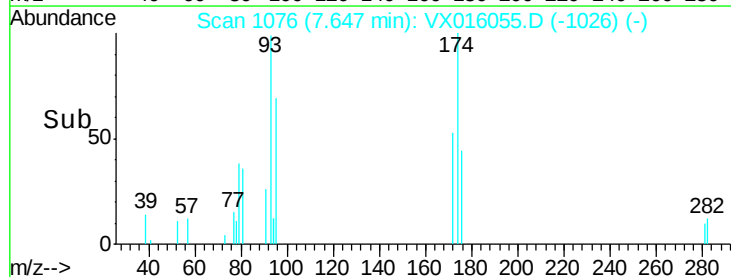
Abundance Ion 92.80 (92.50 to 93.50): VX0

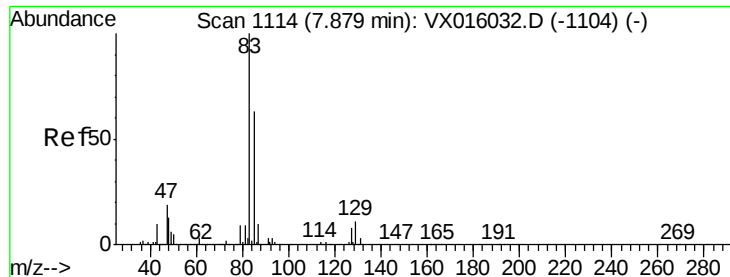
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 0.422 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :
MSVOA_X
ClientSampled :

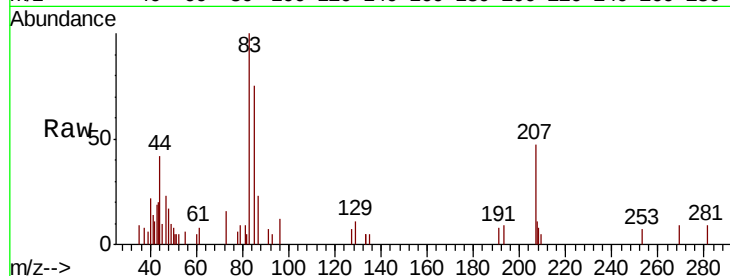
Tot Ion: 83 Resp: 2055

Ion Ratio Lower Upper

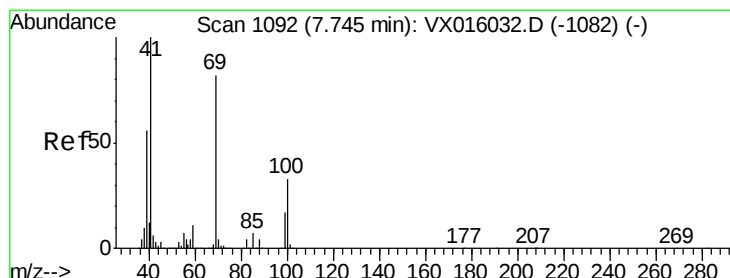
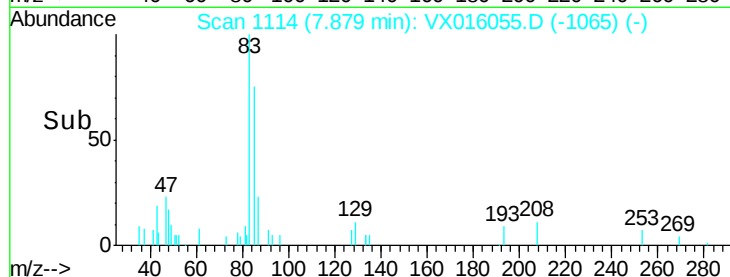
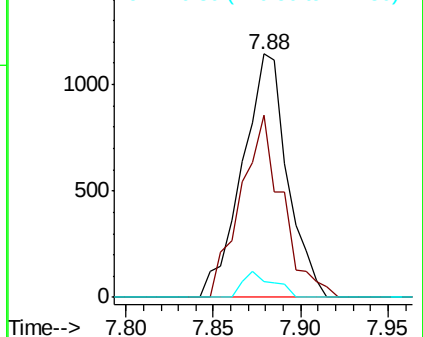
83 100

85 74.9 50.5 75.7

127 6.6 6.7 10.1#



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



#48

Methyl methacrylate

Concen: 0.519 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

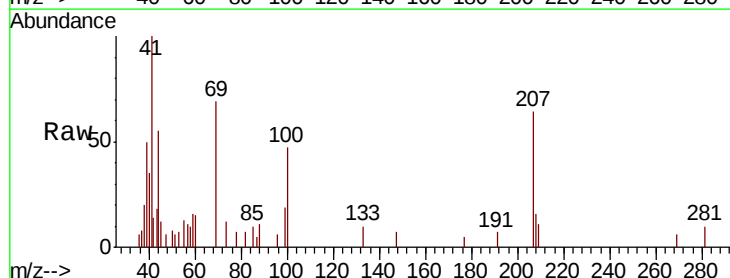
Tgt Ion: 41 Resp: 2163

Ion Ratio Lower Upper

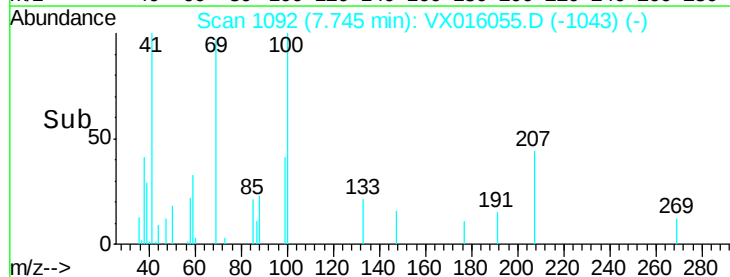
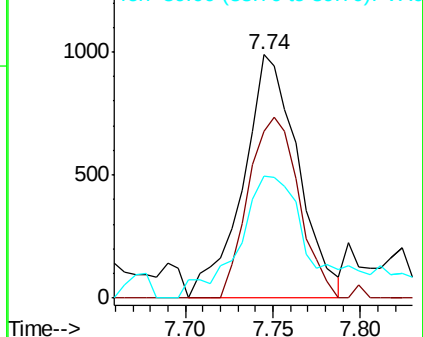
41 100

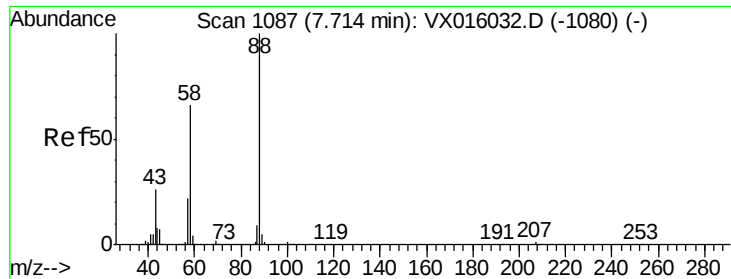
69 68.1 67.8 101.6

39 65.0 44.6 67.0



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

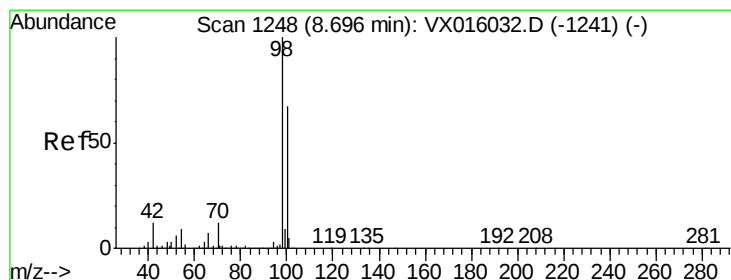
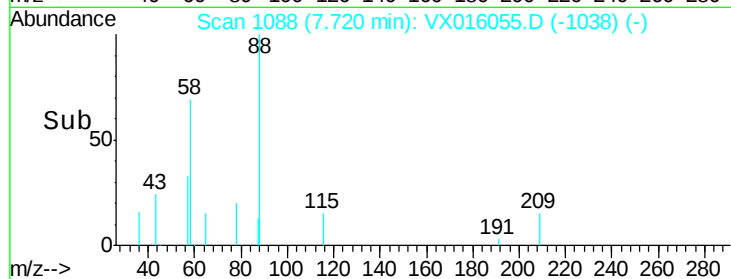
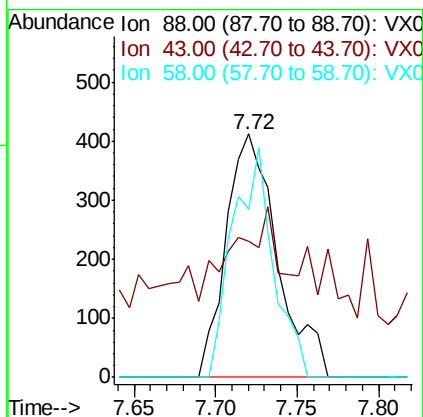
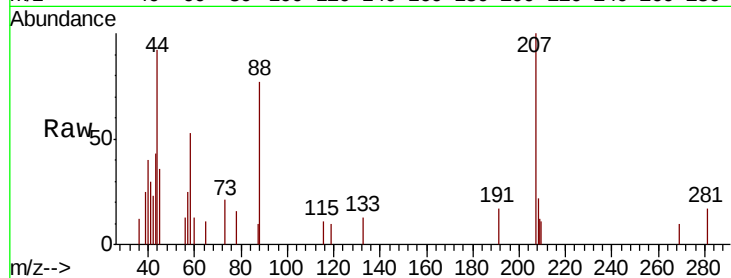




#49
1,4-Dioxane
Concen: 9.069 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

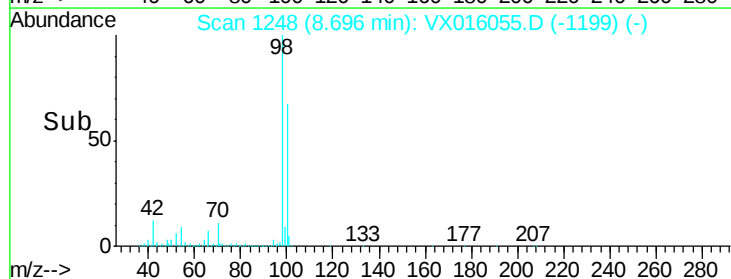
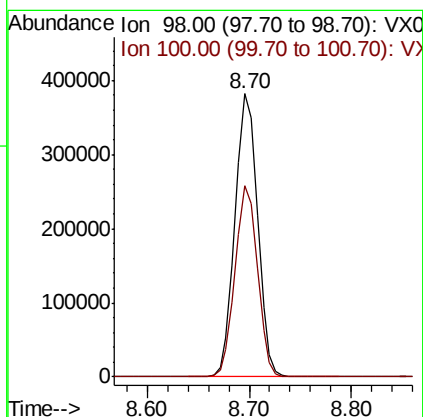
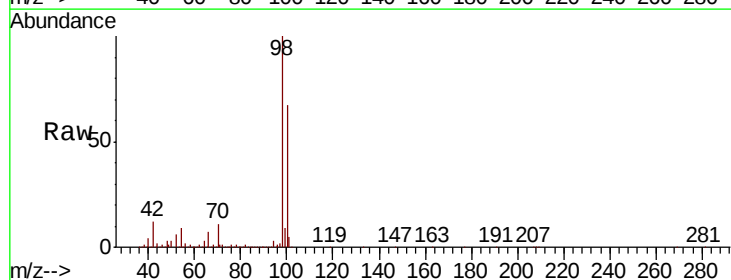
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 906
Ion Ratio Lower Upper
88 100
43 32.7 25.3 37.9
58 74.5 55.9 83.9



#50
Toluene-d8
Concen: 49.671 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 98 Resp: 585530
Ion Ratio Lower Upper
98 100
100 66.8 53.7 80.5

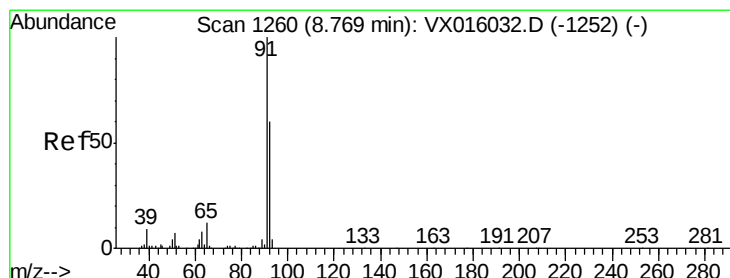
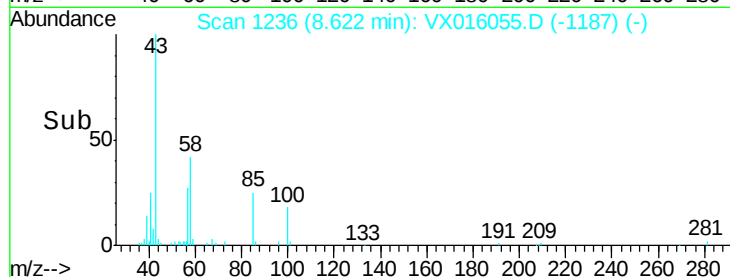
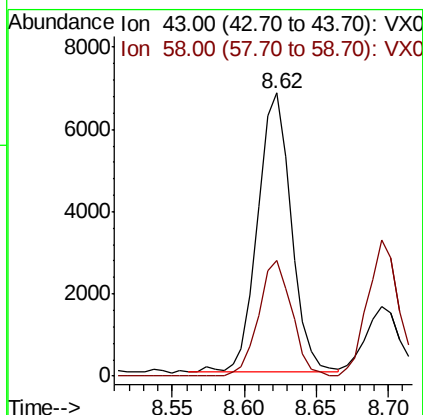
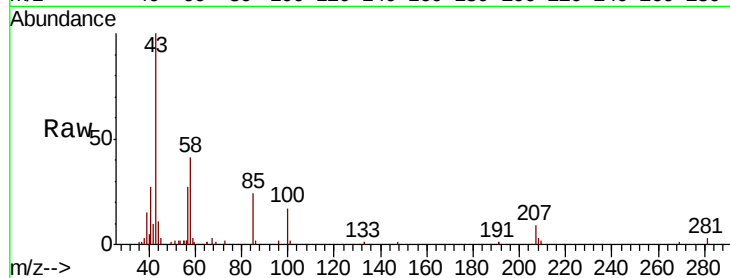




#51
4-Methyl-2-Pentanone
Concen: 2.019 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

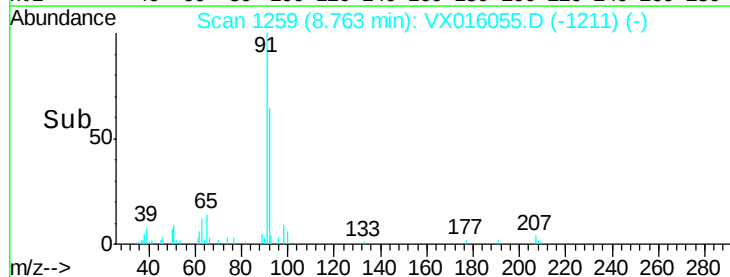
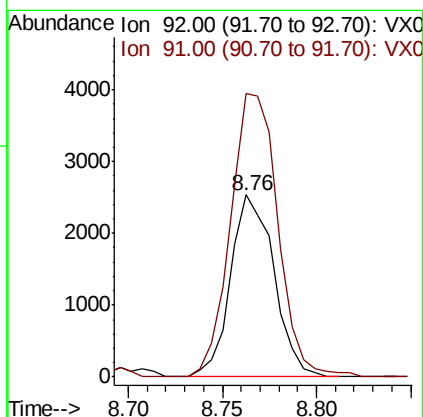
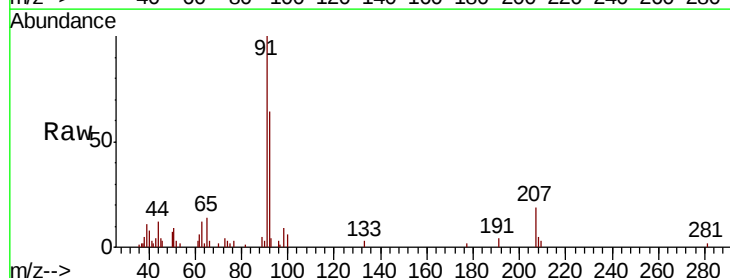
Instrument :
MSVOA_X
ClientSampleId :

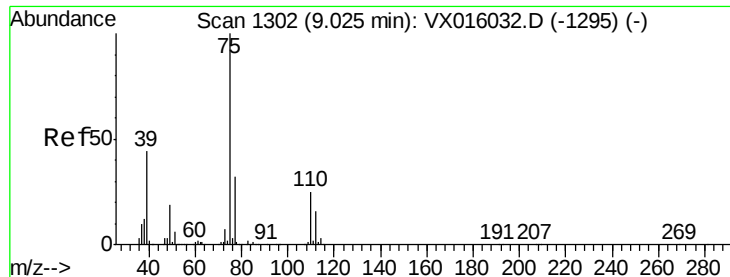
Tot Ion: 43 Resp: 10860
Ion Ratio Lower Upper
43 100
58 41.2 33.0 49.4



#52
Toluene
Concen: 0.465 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 92 Resp: 4030
Ion Ratio Lower Upper
92 100
91 170.6 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 0.488 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

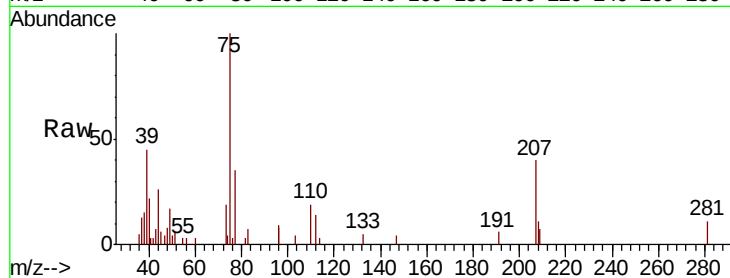
ClientSampleId :

Tot Ion: 75 Resp: 2834

Ion Ratio Lower Upper

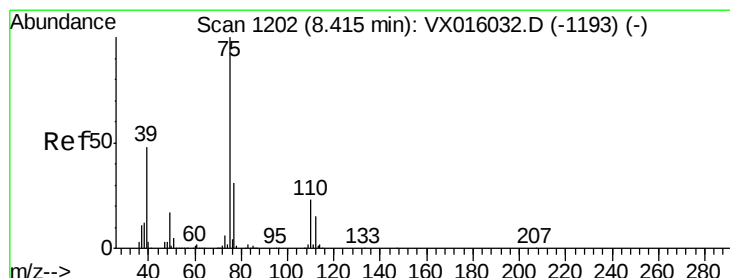
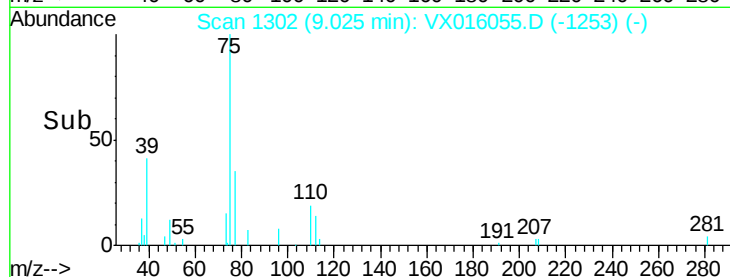
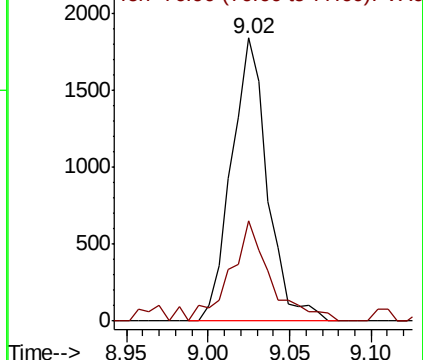
75 100

77 35.5 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.464 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

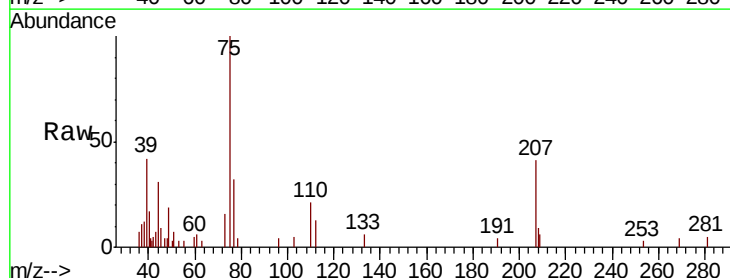
Tgt Ion: 75 Resp: 2813

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

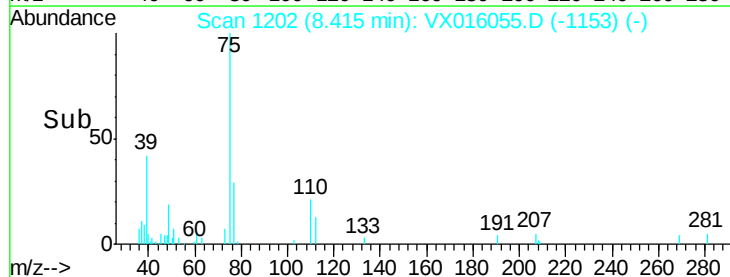
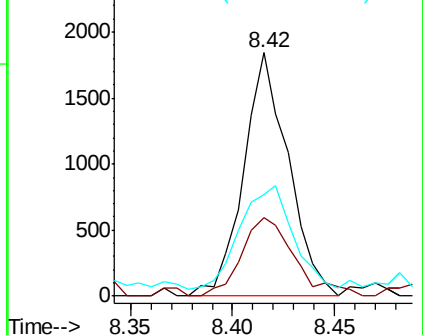
39 38.7 38.7 58.1#

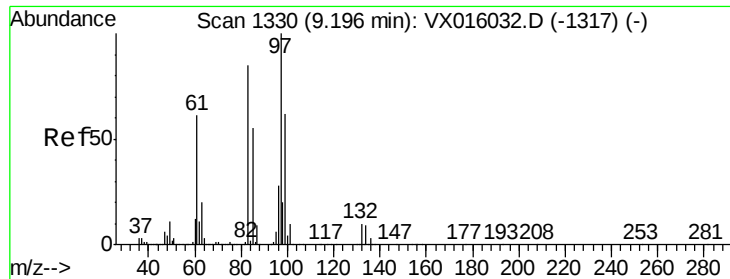


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

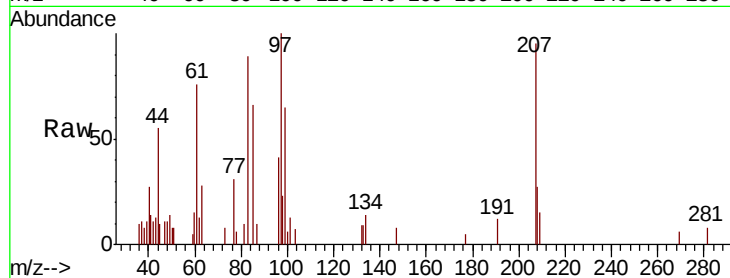




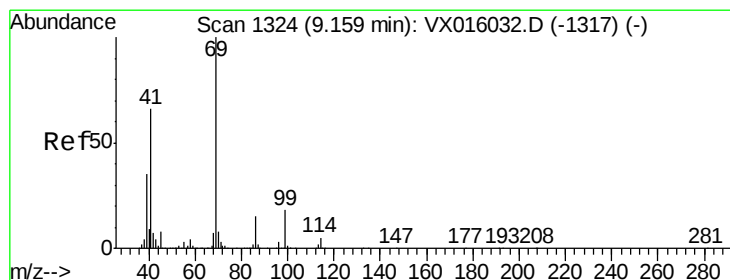
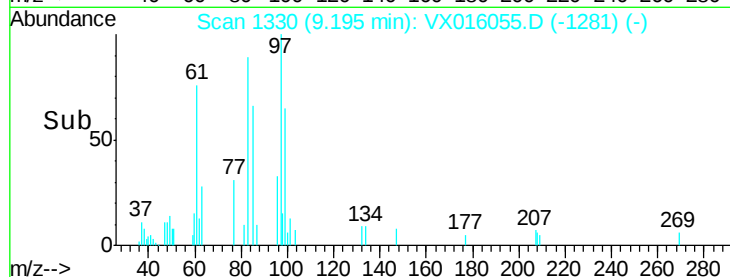
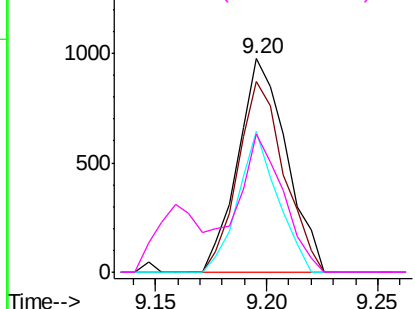
#55
 1,1,2-Trichloroethane
 Concen: 0.435 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 1485
 Ion Ratio Lower Upper
 97 100
 83 89.2 67.8 101.8
 85 66.1 43.8 65.8#
 99 64.7 49.4 74.0

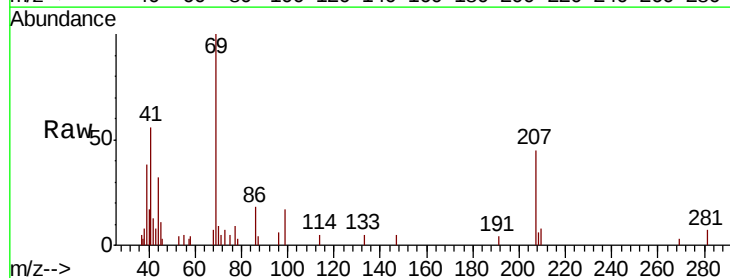


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

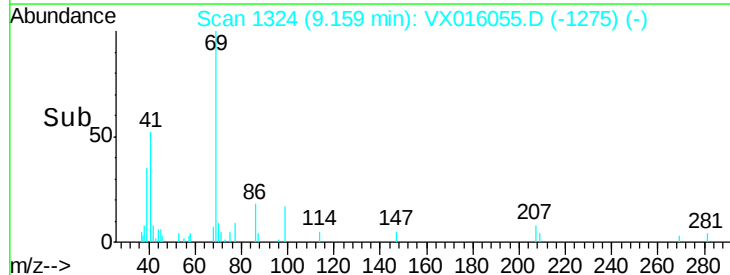
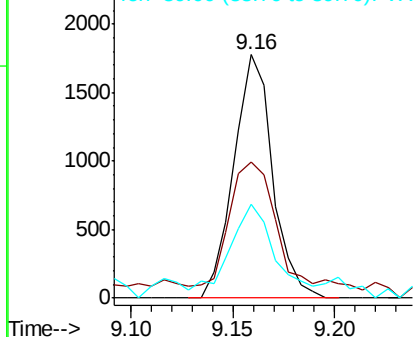


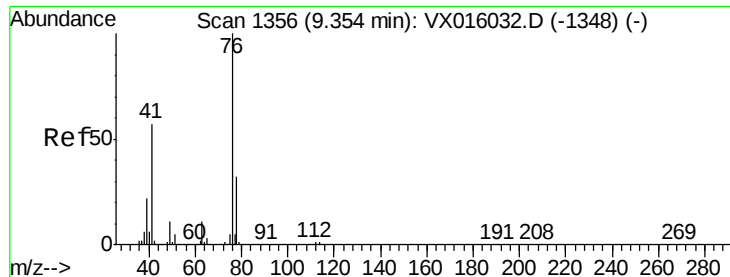
#56
 Ethyl methacrylate
 Concen: 0.421 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

Tgt Ion: 69 Resp: 2344
 Ion Ratio Lower Upper
 69 100
 41 64.9 52.2 78.4
 39 35.8 28.2 42.4



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: 0.456 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

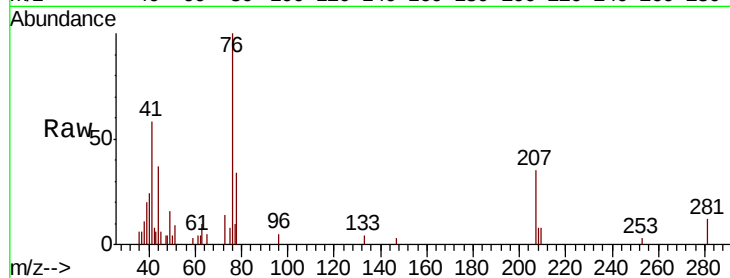
ClientSampleId :

Tot Ion: 76 Resp: 2711

Ion Ratio Lower Upper

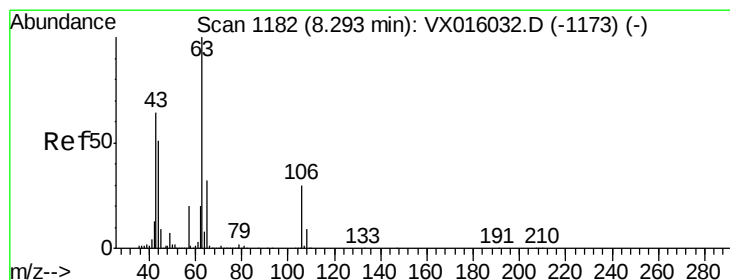
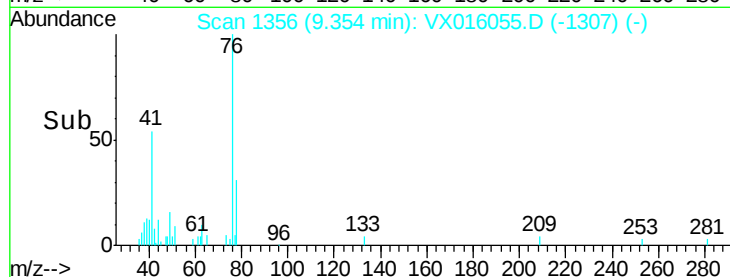
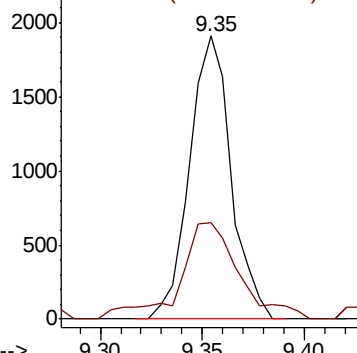
76 100

78 48.3 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 2.182 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016055.D

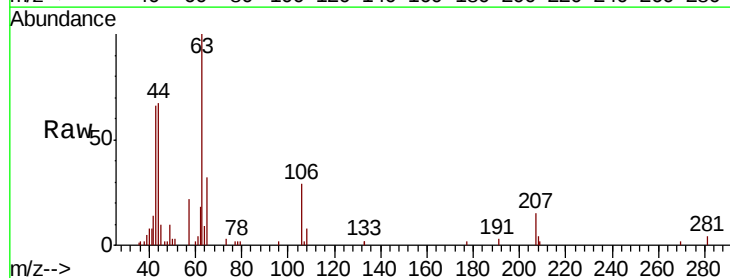
Acq: 05 May 2020 11:56

Tgt Ion: 63 Resp: 6467

Ion Ratio Lower Upper

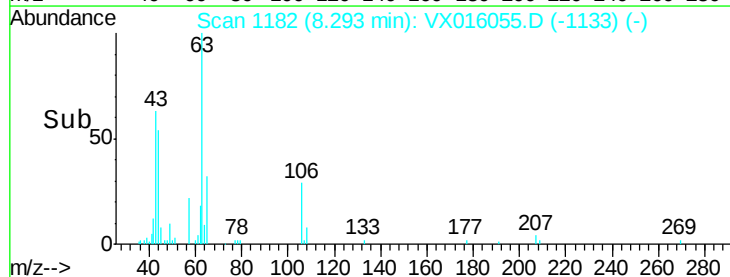
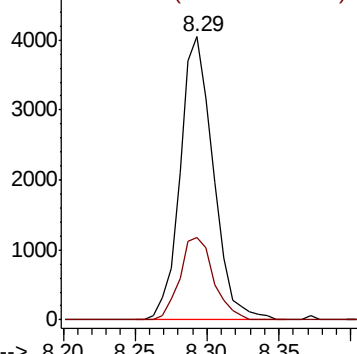
63 100

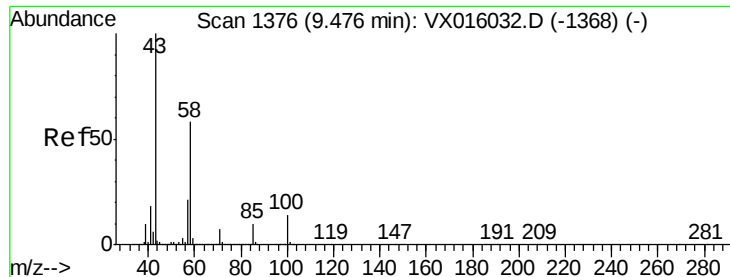
106 30.0 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

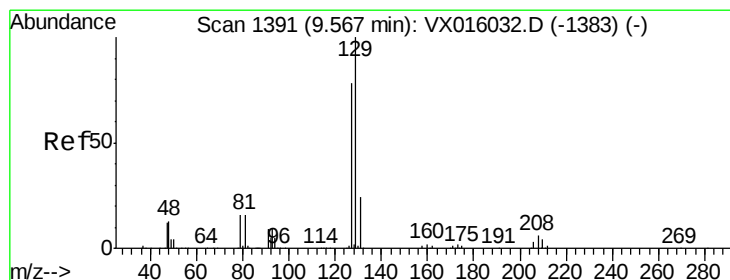
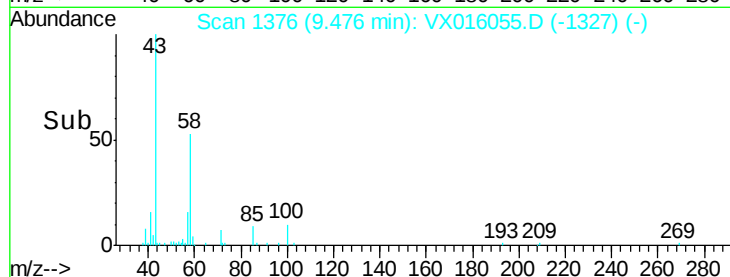
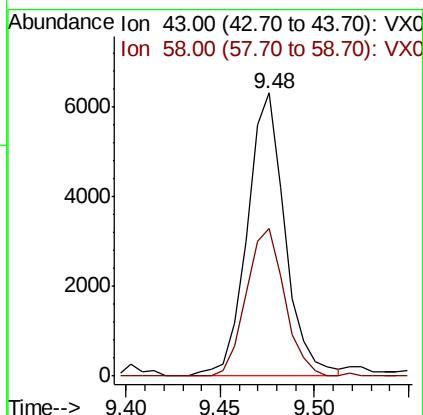
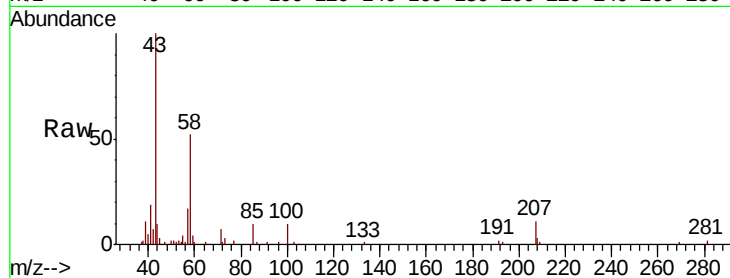




#59
2-Hexanone
Concen: 2.078 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

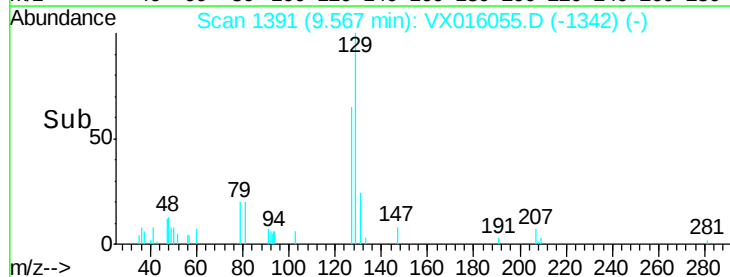
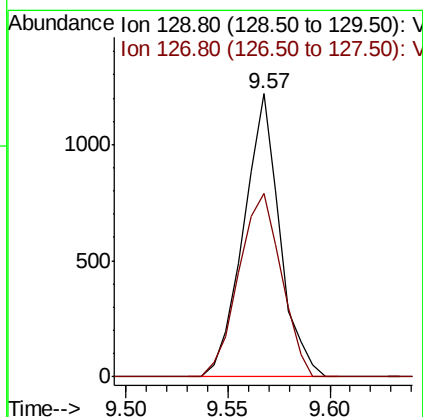
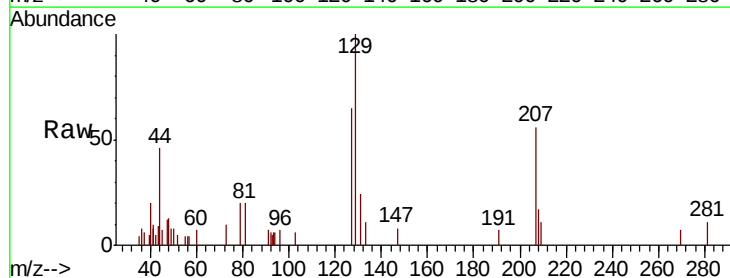
Instrument :
MSVOA_X
ClientSampleId :

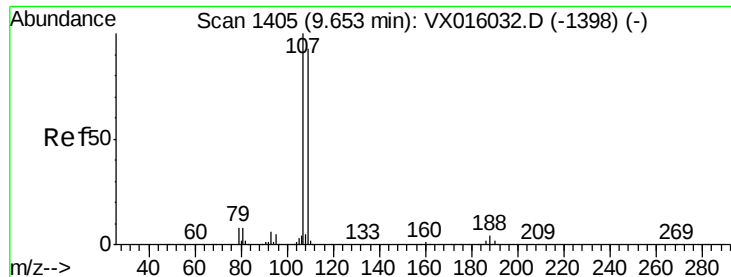
Tot Ion: 43 Resp: 8779
Ion Ratio Lower Upper
43 100
58 52.7 28.6 85.9



#60
Dibromochloromethane
Concen: 0.401 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 129 Resp: 1508
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.435 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

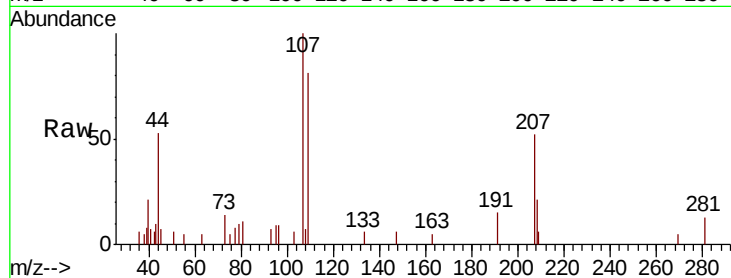
ClientSampleId :

Tot Ion: 107 Resp: 1606

Ion Ratio Lower Upper

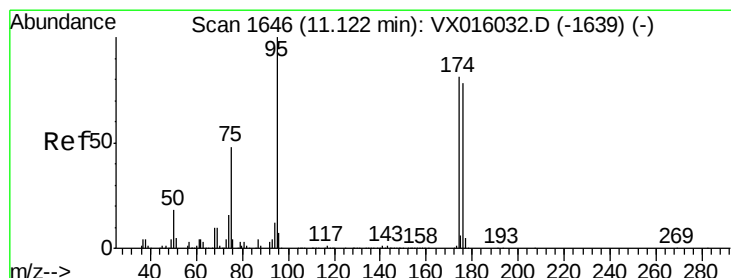
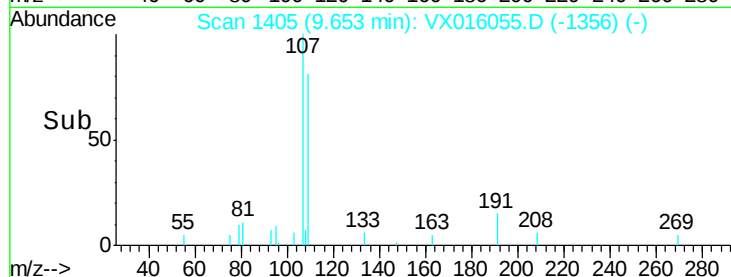
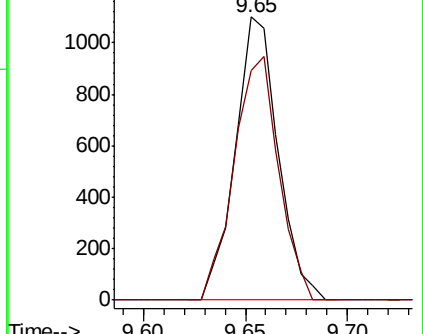
107 100

109 89.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.895 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

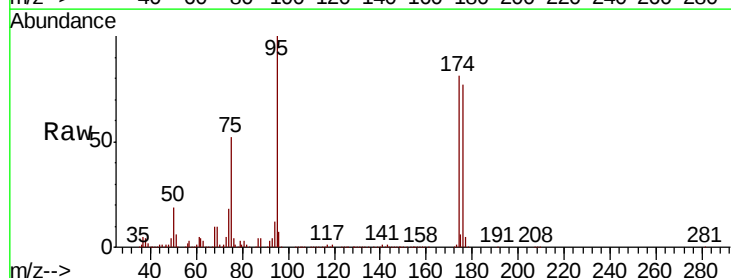
Tgt Ion: 95 Resp: 210259

Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

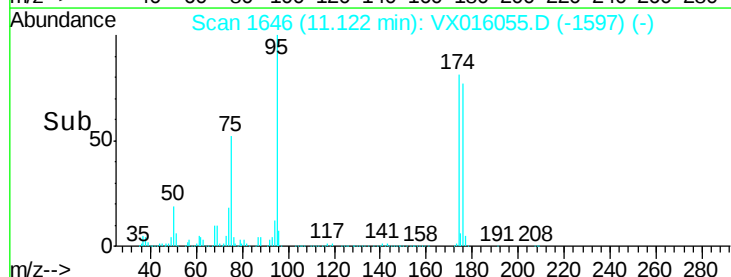
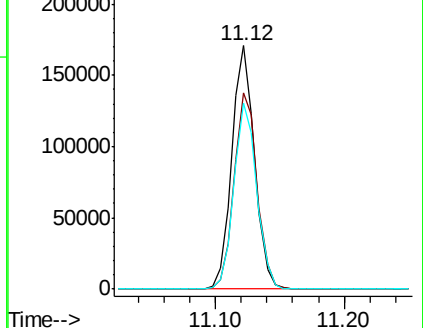
176 77.1 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

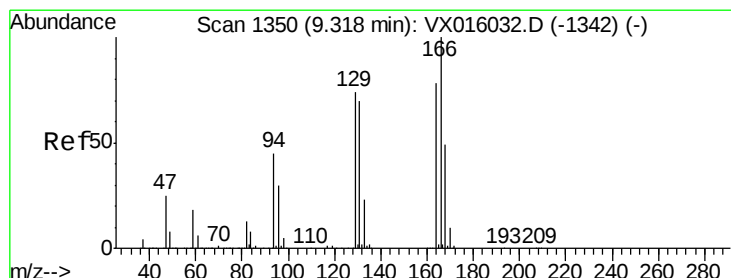
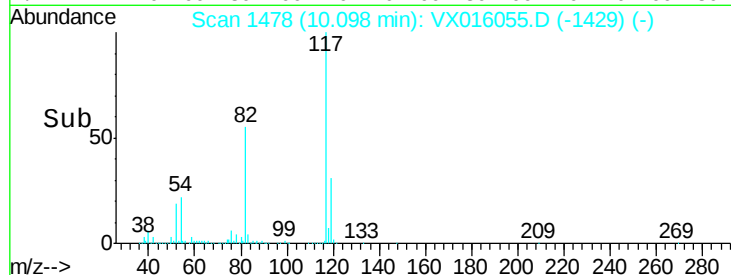
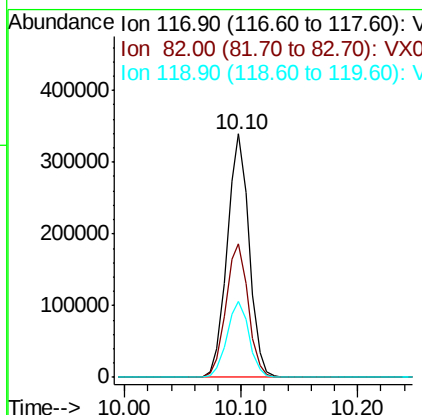
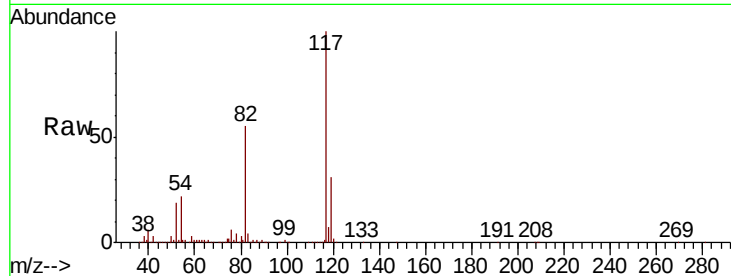




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

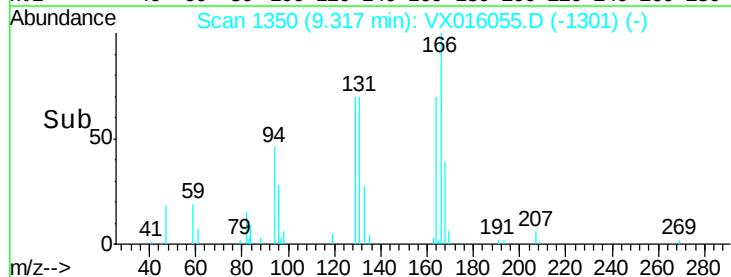
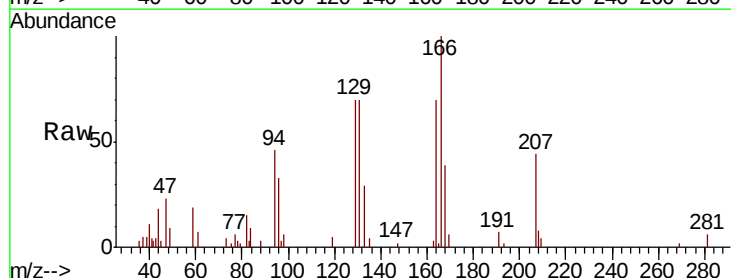
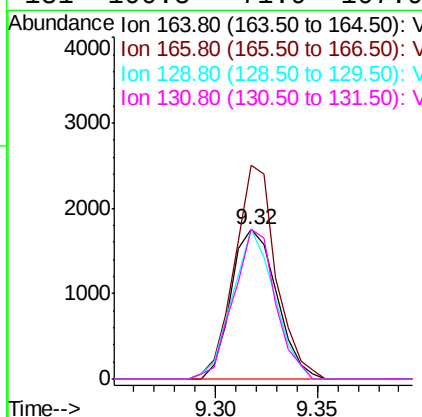
Instrument :
MSVOA_X
ClientSampled :

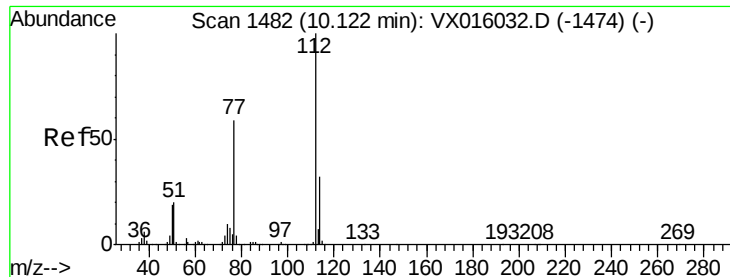
Tot Ion:117 Resp: 444020
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.498 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion:164 Resp: 2713
Ion Ratio Lower Upper
164 100
166 142.8 102.9 154.3
129 100.3 76.1 114.1
131 100.5 71.9 107.9

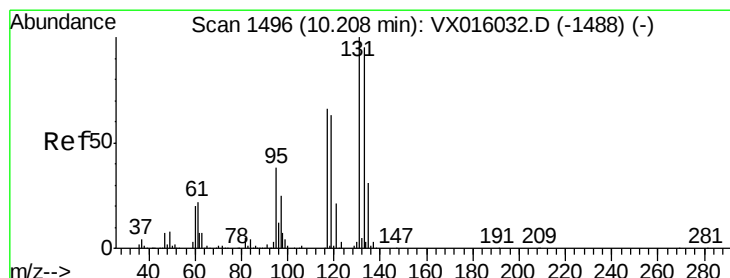
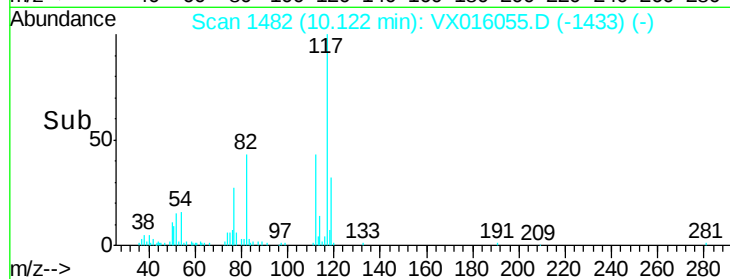
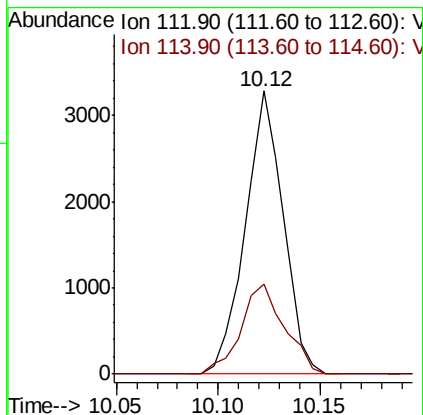
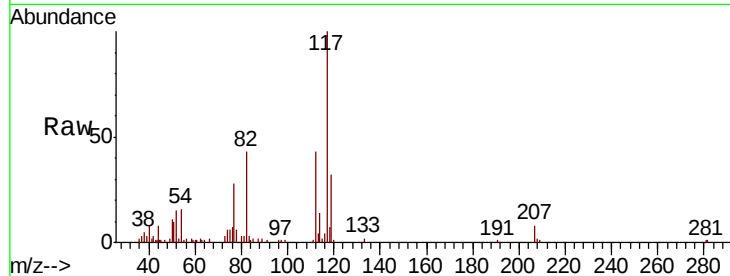




#65
Chlorobenzene
Concen: 0.456 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

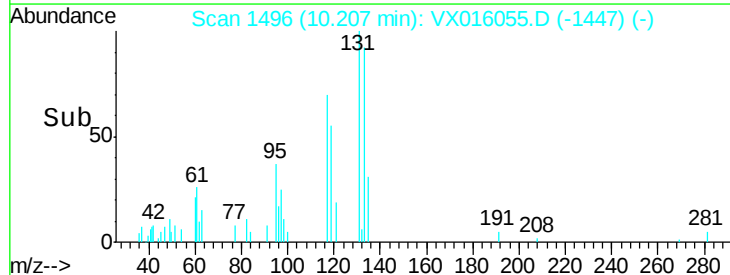
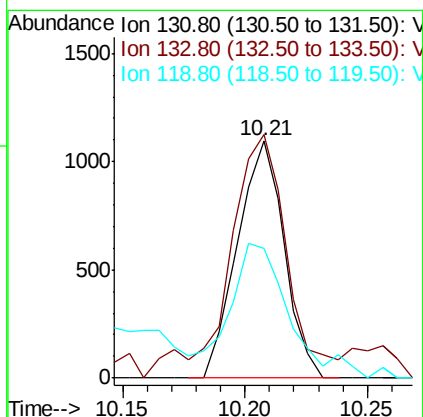
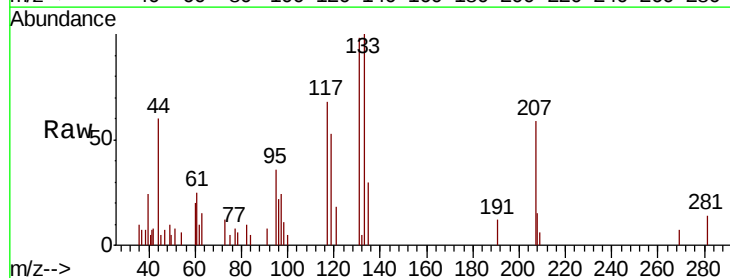
Instrument :
MSVOA_X
ClientSampleId :

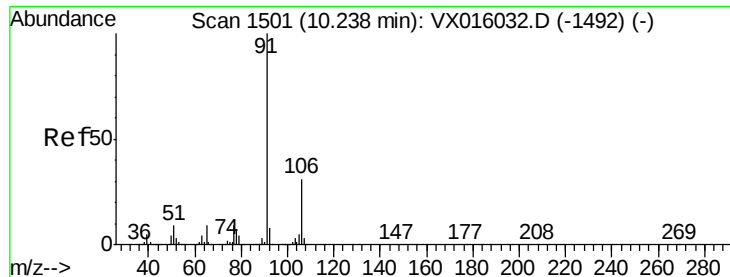
Tot Ion:112 Resp: 4239
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.423 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion:131 Resp: 1455
Ion Ratio Lower Upper
131 100
133 127.1 48.3 144.8
119 0.0 32.3 96.9#

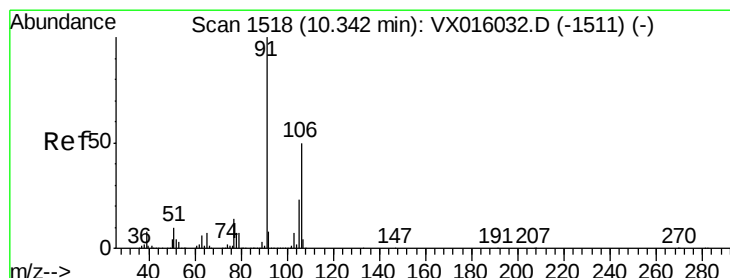
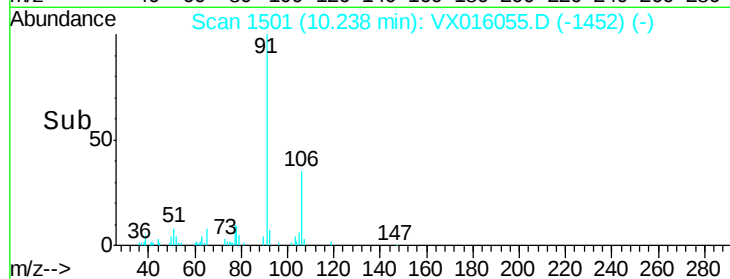
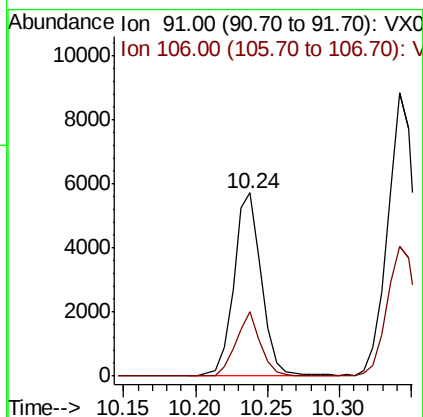
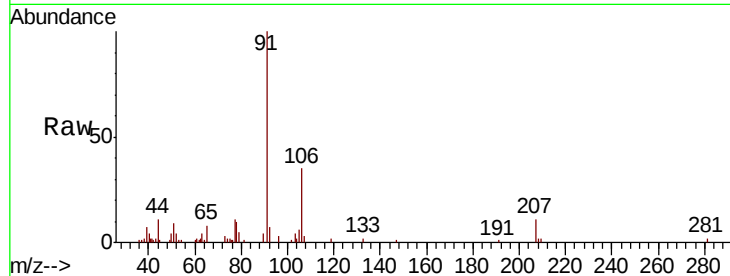




#67
Ethyl Benzene
Concen: 0.463 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

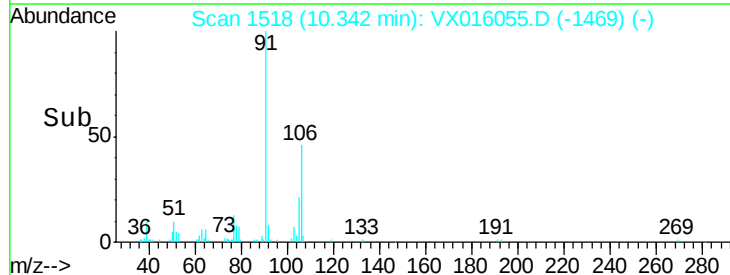
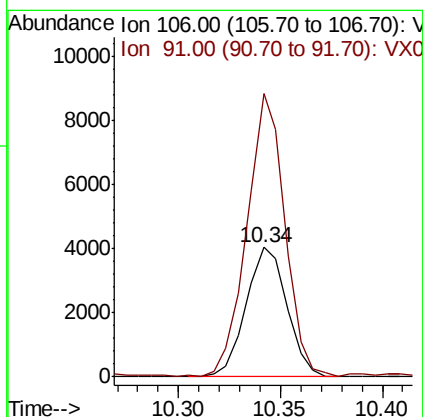
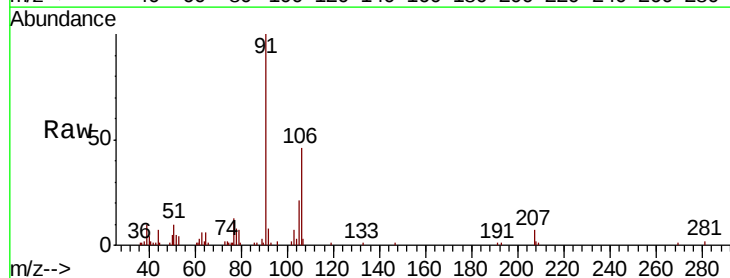
Instrument :
MSVOA_X
ClientSampleId :

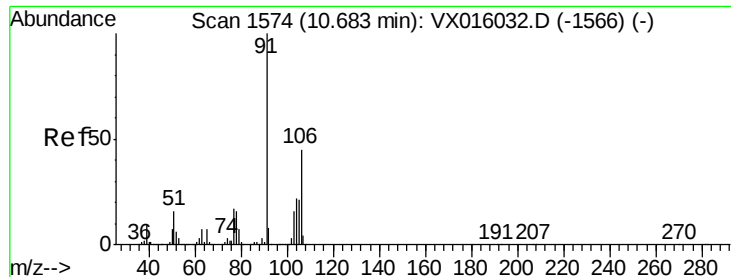
Tot Ion: 91 Resp: 7683
Ion Ratio Lower Upper
91 100
106 35.4 25.1 37.7



#68
m/p-Xylenes
Concen: 0.903 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 106 Resp: 5610
Ion Ratio Lower Upper
106 100
91 205.0 161.7 242.5

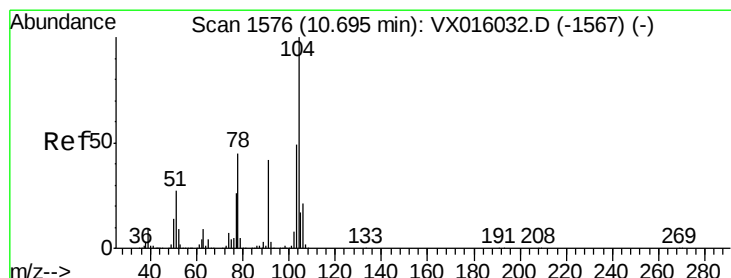
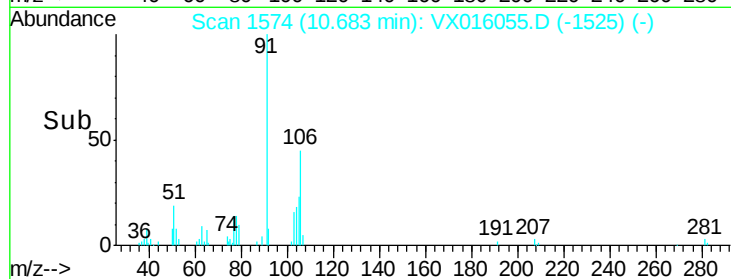
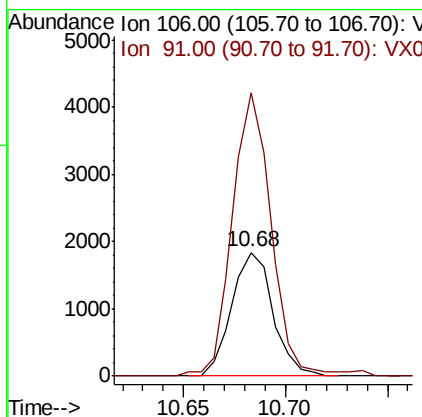
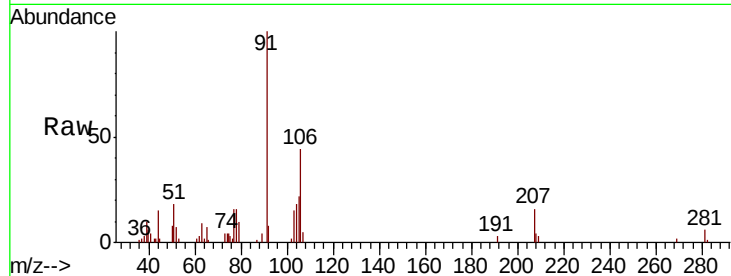




#69
o-Xylene
Concen: 0.431 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

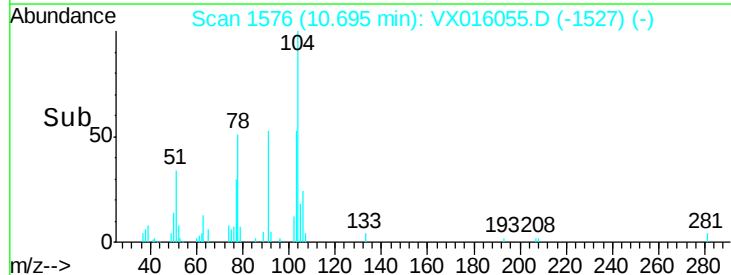
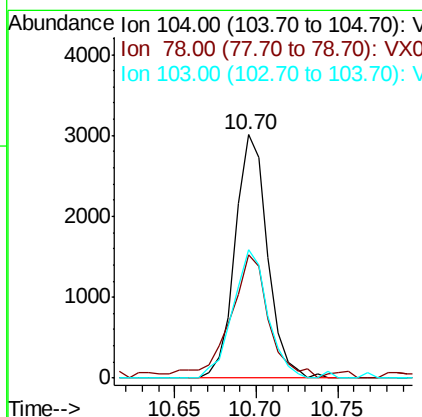
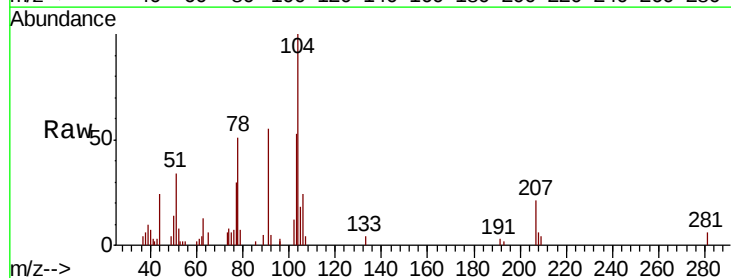
Instrument :
MSVOA_X
ClientSampled :

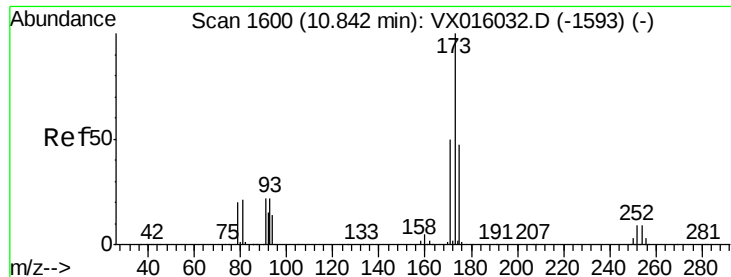
Tot Ion:106 Resp: 2574
Ion Ratio Lower Upper
106 100
91 217.6 107.5 322.6



#70
Styrene
Concen: 0.411 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion:104 Resp: 4161
Ion Ratio Lower Upper
104 100
78 61.2 40.2 60.2#
103 56.8 43.0 64.6





#71

Bromoform

Concen: 0.374 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampled :

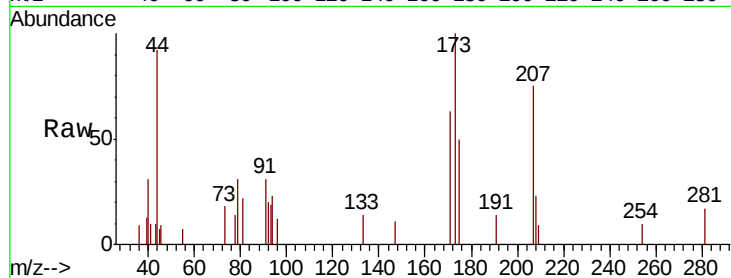
Tot Ion:173 Resp: 1046

Ion Ratio Lower Upper

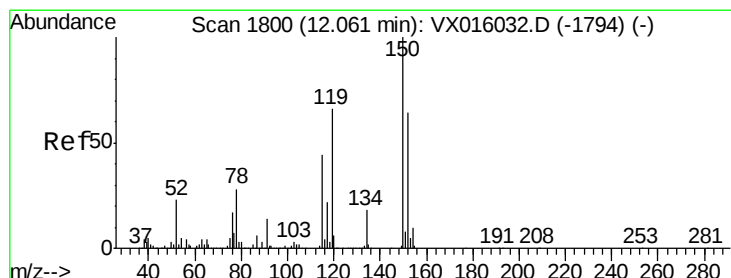
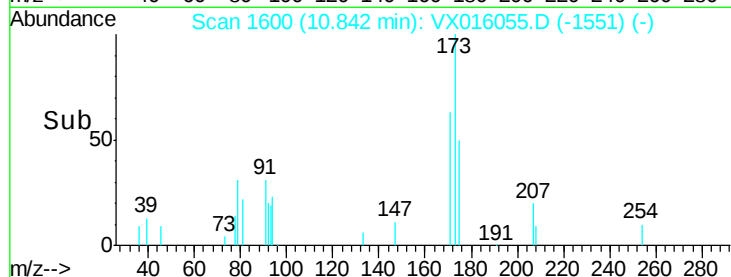
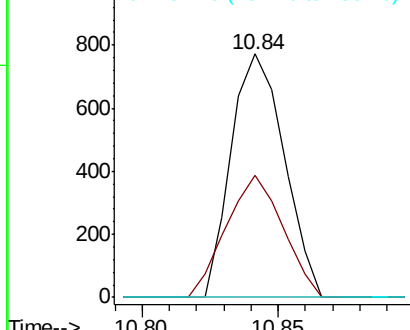
173 100

175 53.3 24.0 72.0

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: VX016055.D

Acq: 05 May 2020 11:56

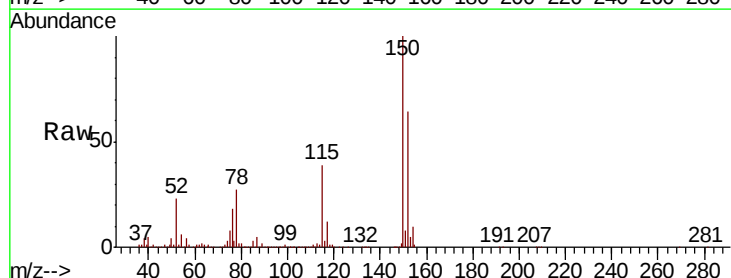
Tgt Ion:152 Resp: 214807

Ion Ratio Lower Upper

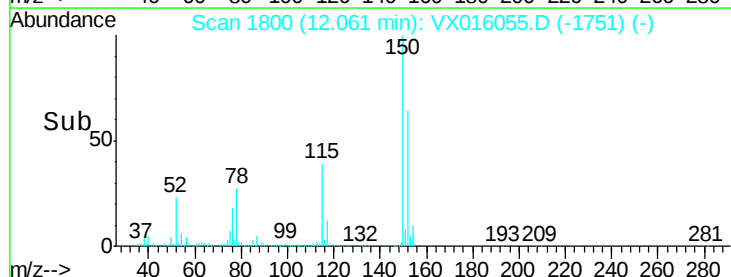
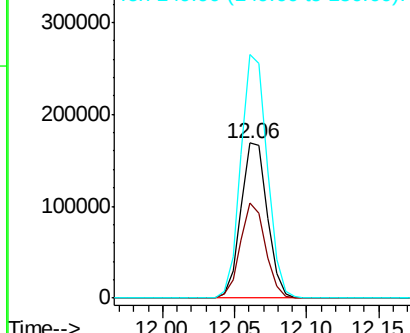
152 100

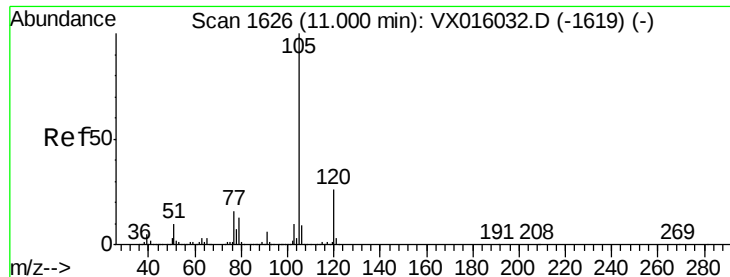
115 58.7 41.3 124.1

150 157.0 0.0 352.2



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





#73

Isopropylbenzene

Concen: 0.436 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

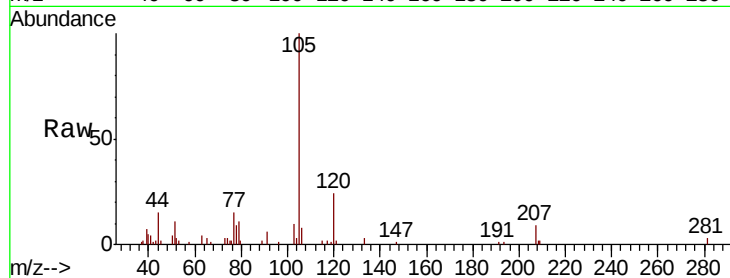
ClientSampleId :

Tot Ion:105 Resp: 6808

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

2000

1000

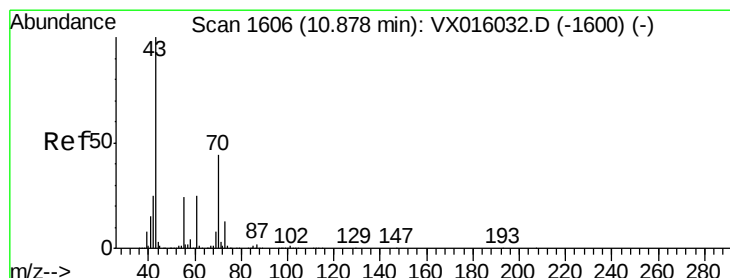
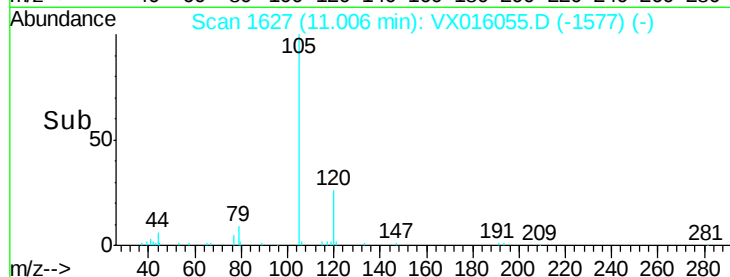
0

11.01

10.95

11.05

Time-->



#74

N-ethyl acetate

Concen: 0.414 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Tgt Ion: 43 Resp: 3018

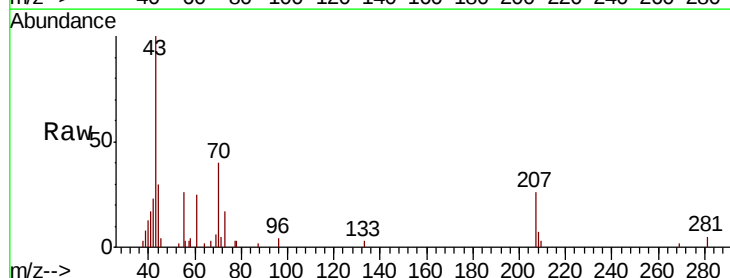
Ion Ratio Lower Upper

43 100

70 47.9 36.5 54.7

55 28.9 19.7 29.5

61 25.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

3000

2000

1000

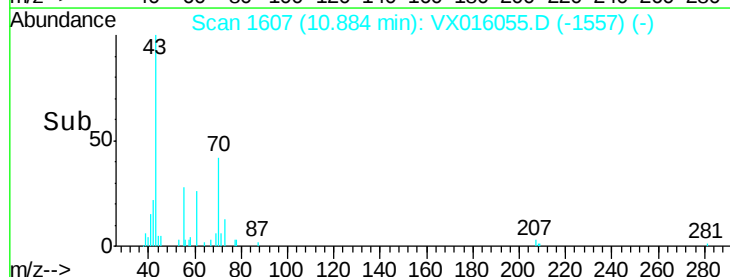
0

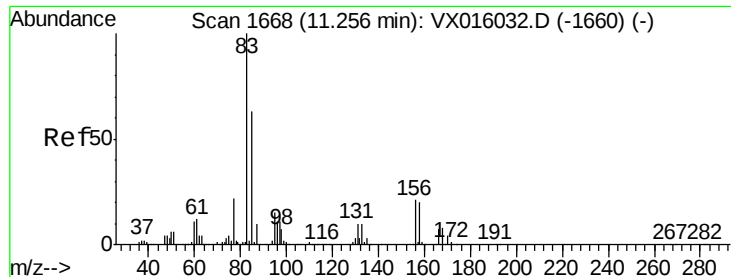
10.88

10.85

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.104 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

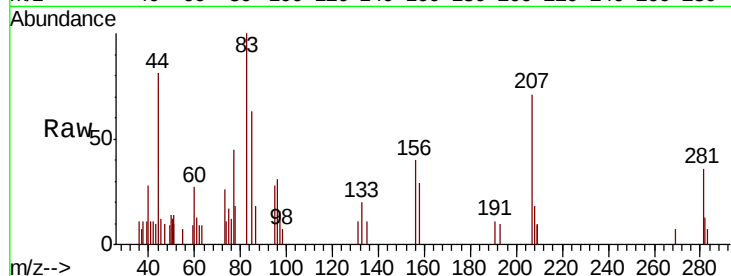
Tot Ion: 83 Resp: 1098

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

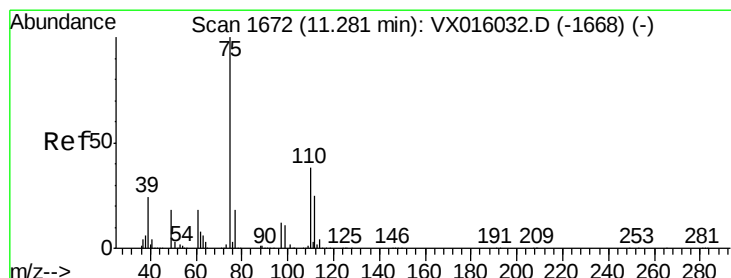
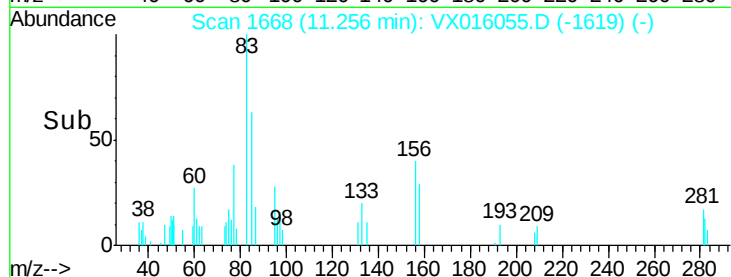
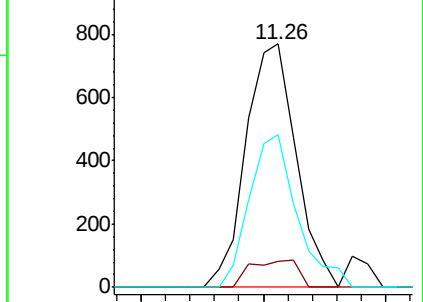
85 59.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.024 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016055.D

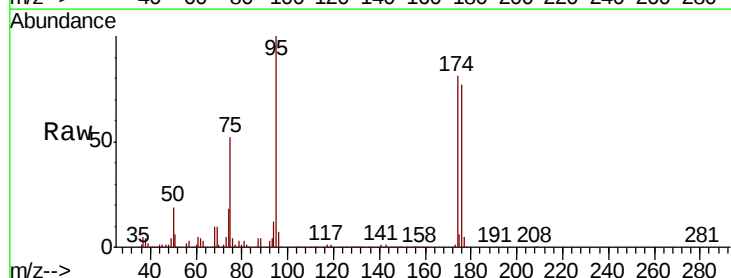
Acq: 05 May 2020 11:56

Tgt Ion: 75 Resp: 107355

Ion Ratio Lower Upper

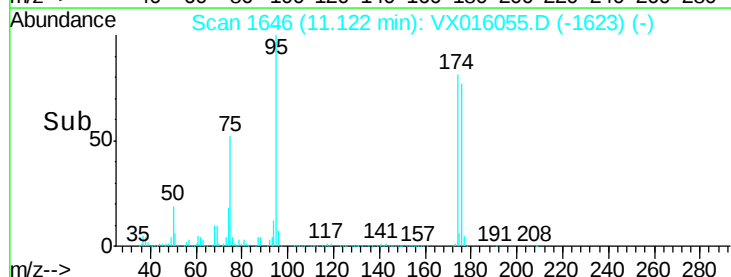
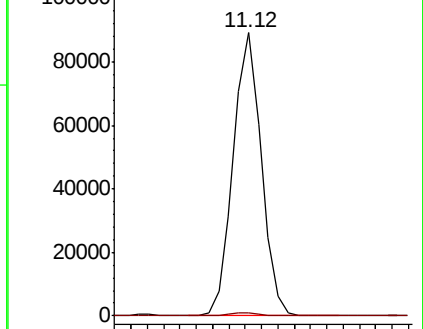
75 100

77 1.4 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.473 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

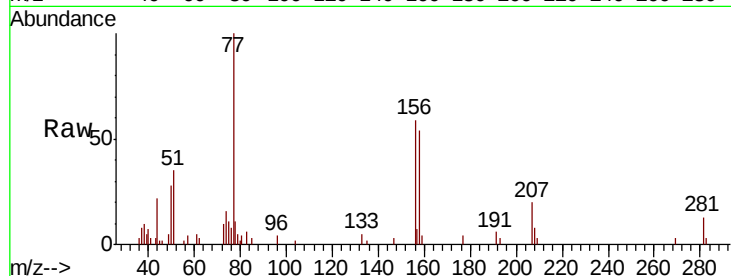
Tot Ion:156 Resp: 1906

Ion Ratio Lower Upper

156 100

77 175.9 80.1 240.3

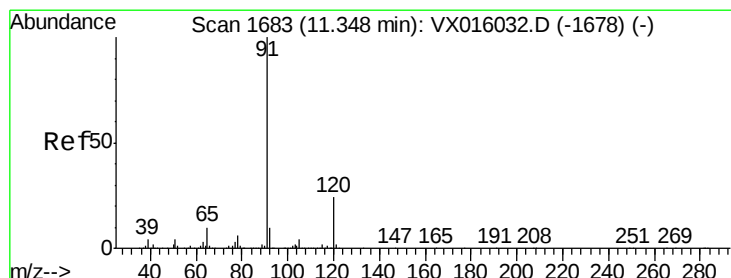
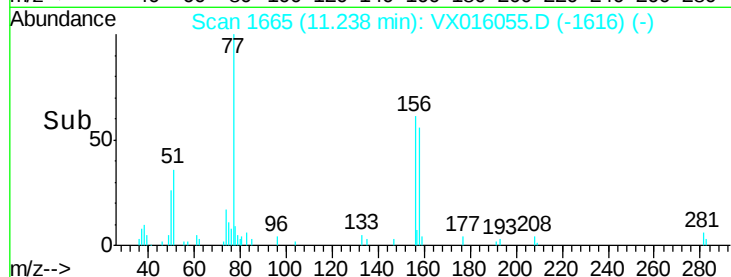
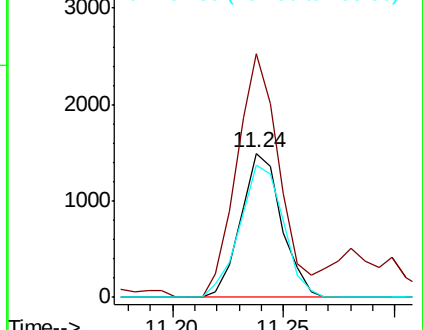
158 98.5 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.466 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016055.D

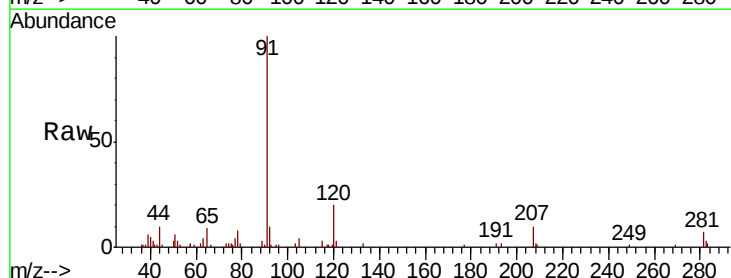
Acq: 05 May 2020 11:56

Tgt Ion: 91 Resp: 8479

Ion Ratio Lower Upper

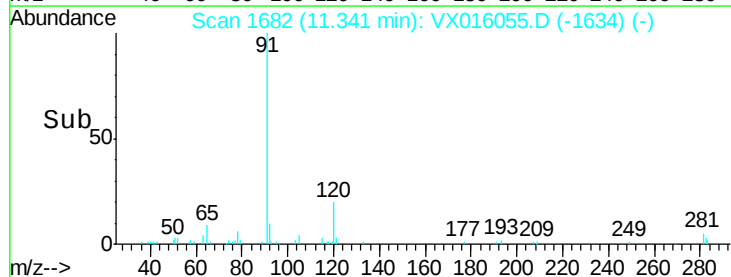
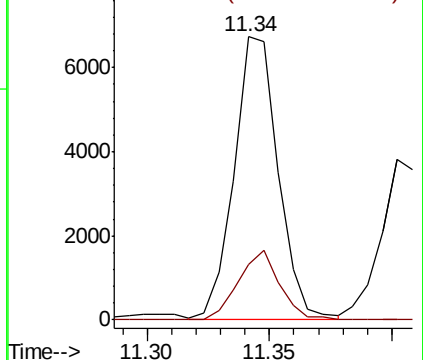
91 100

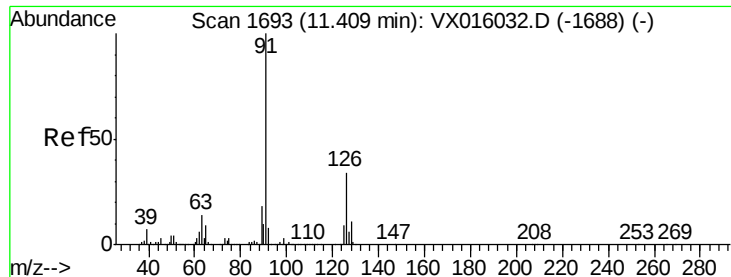
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

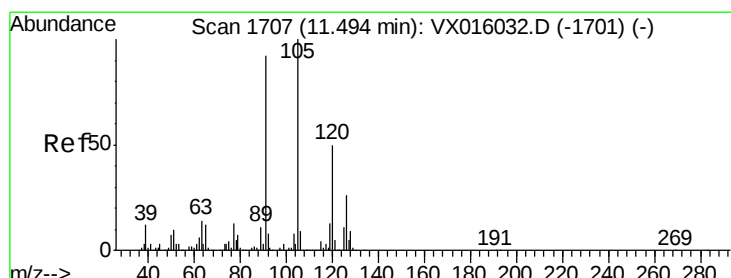
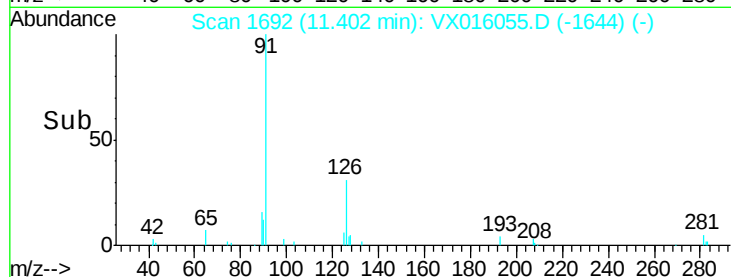
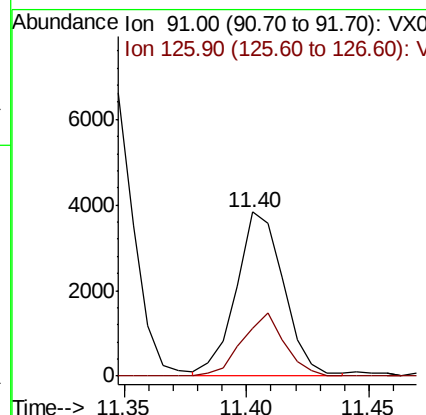
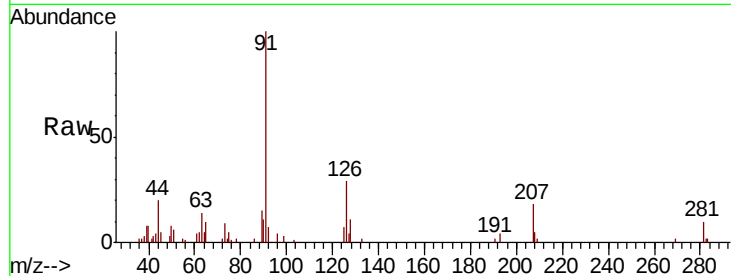




#79
2-Chlorotoluene
Concen: 0.486 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

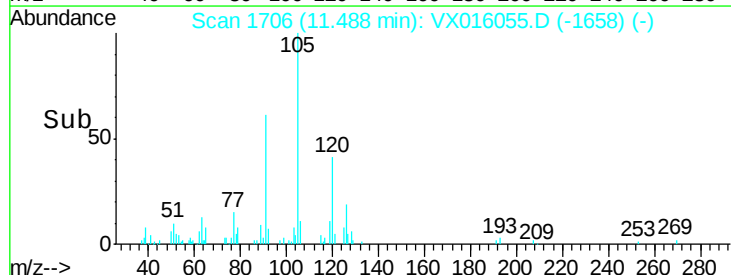
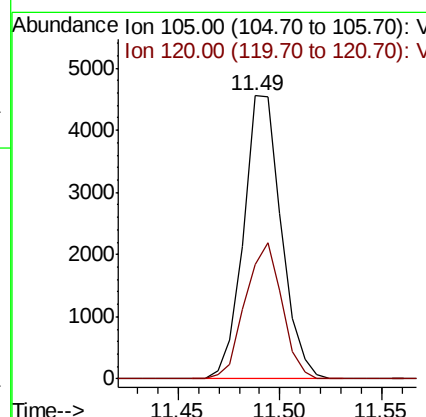
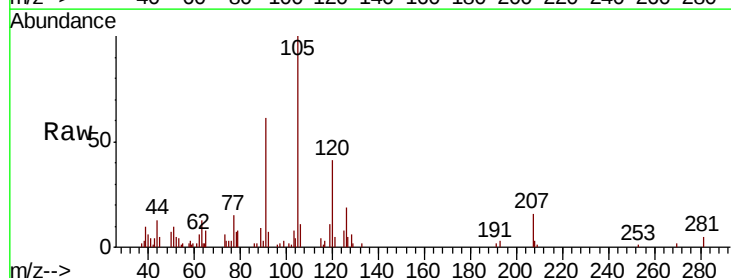
Instrument :
MSVOA_X
ClientSampleId :

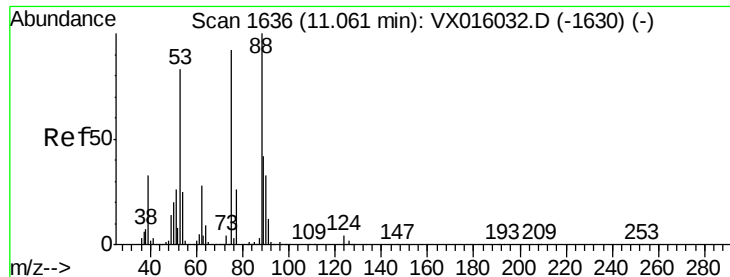
Tot Ion: 91 Resp: 5213
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 0.444 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016055.D
Acq: 05 May 2020 11:56

Tgt Ion: 105 Resp: 5855
Ion Ratio Lower Upper
105 100
120 46.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.485 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampled :

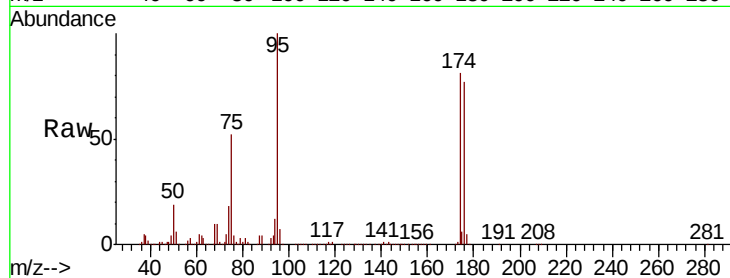
Tot Ion: 75 Resp: 107355

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

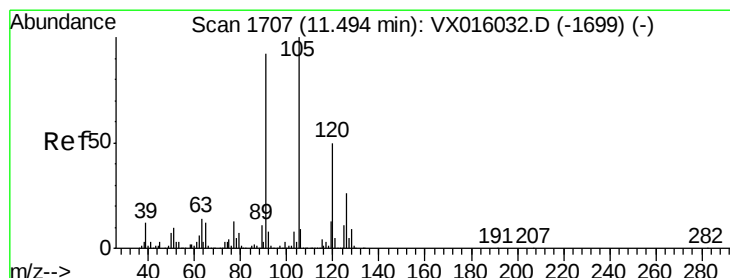
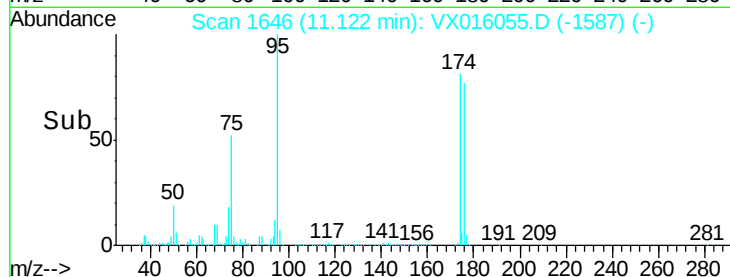
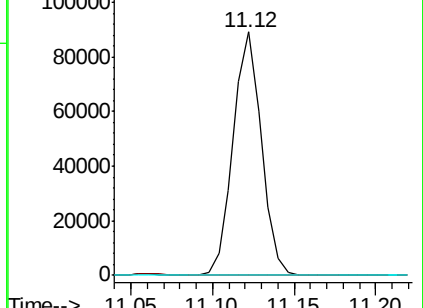
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.475 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016055.D

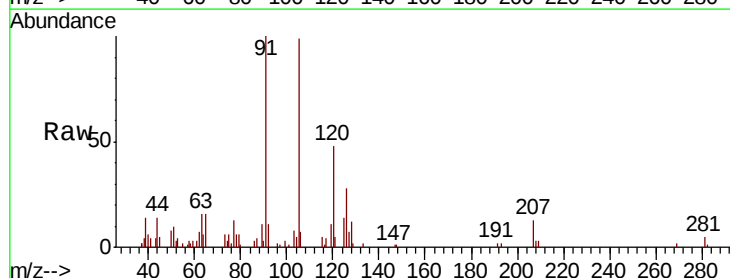
Acq: 05 May 2020 11:56

Tgt Ion: 91 Resp: 6023

Ion Ratio Lower Upper

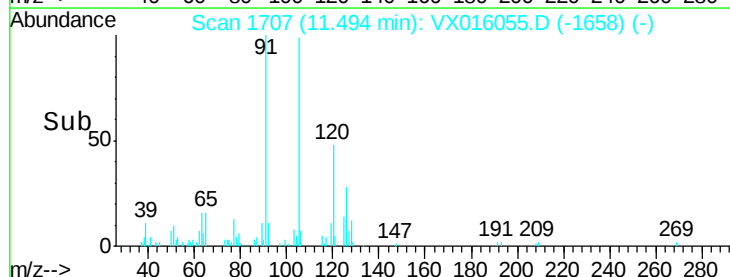
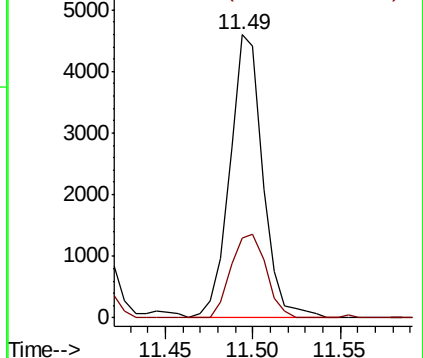
91 100

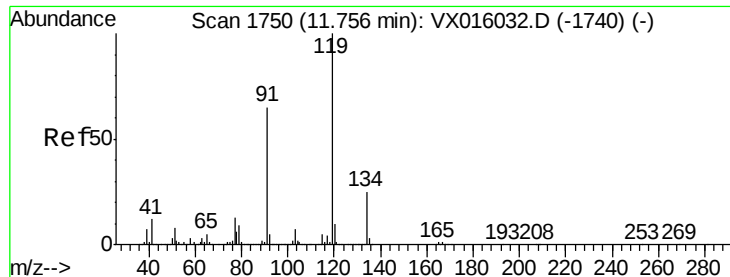
126 31.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.415 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

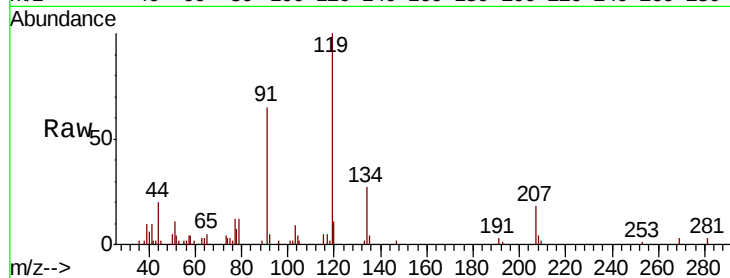
Tot Ion:119 Resp: 4723

Ion Ratio Lower Upper

119 100

91 71.1 32.8 98.4

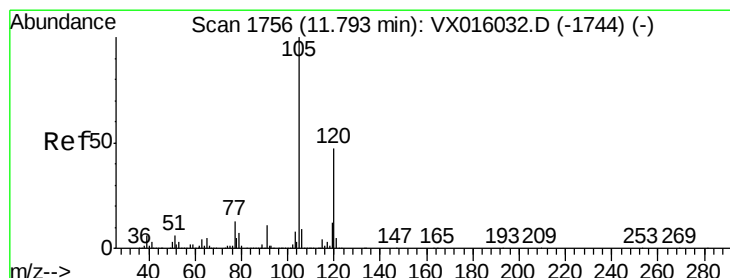
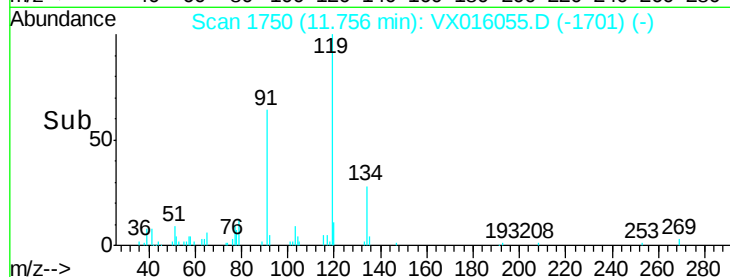
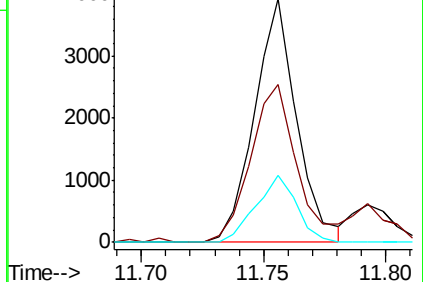
134 26.7 12.4 37.0



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: 0.427 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016055.D

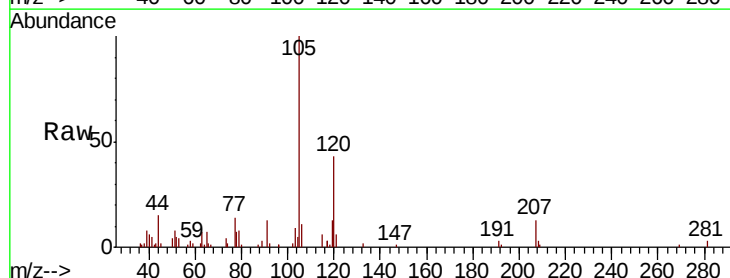
Acq: 05 May 2020 11:56

Tgt Ion:105 Resp: 5696

Ion Ratio Lower Upper

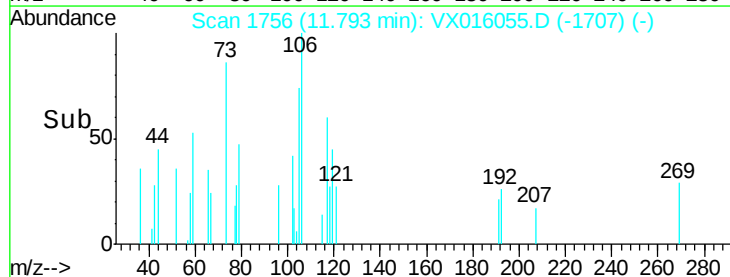
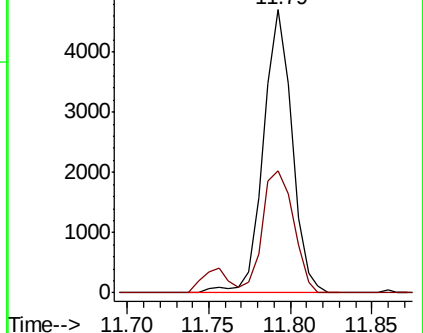
105 100

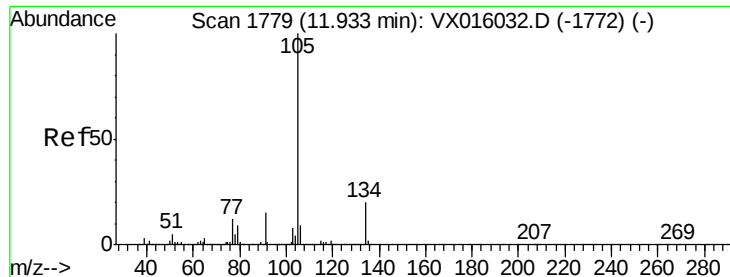
120 47.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.437 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

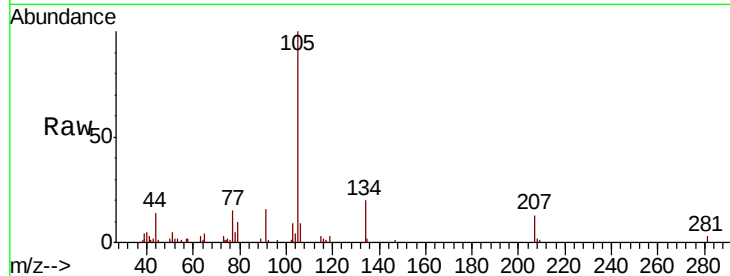
ClientSampleId :

Tot Ion:105 Resp: 6713

Ion Ratio Lower Upper

105 100

134 21.7 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

6000

5000

4000

3000

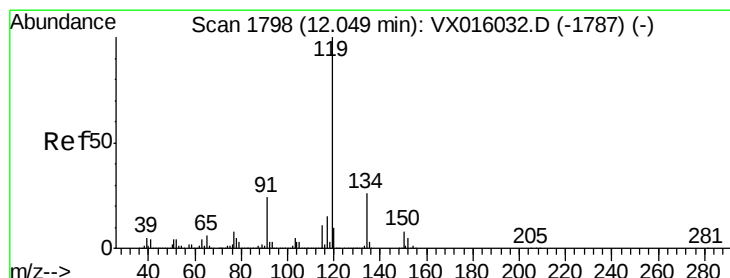
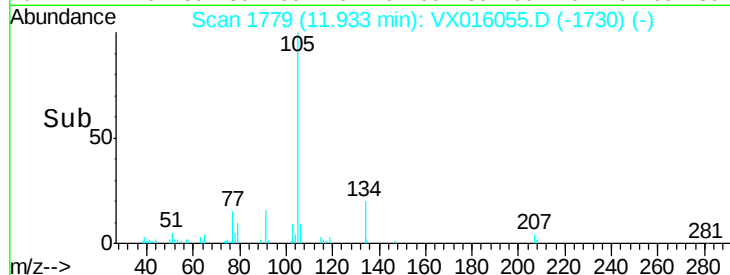
2000

1000

0

Time-->

11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.445 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

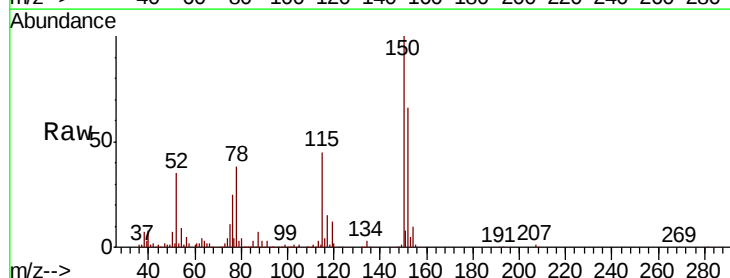
Tgt Ion:119 Resp: 6343

Ion Ratio Lower Upper

119 100

134 28.0 13.1 39.3

91 34.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

6000

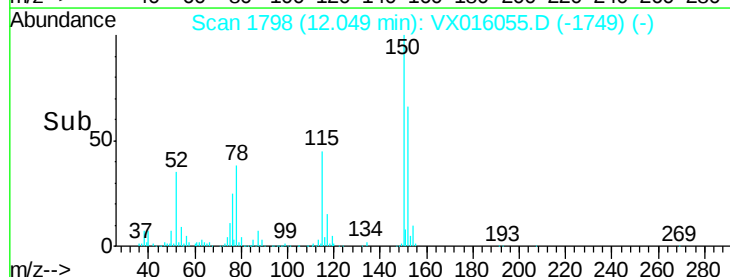
4000

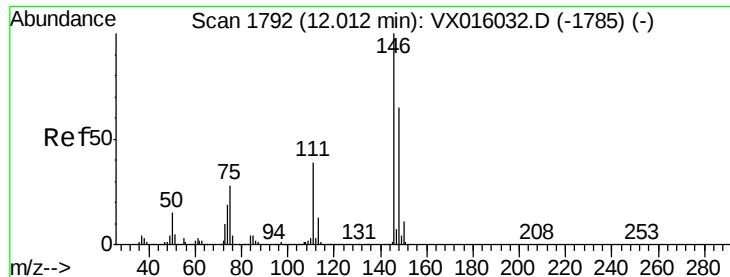
2000

0

Time-->

12.00 12.05 12.10

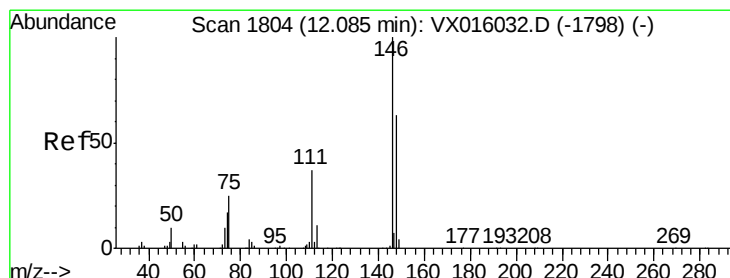
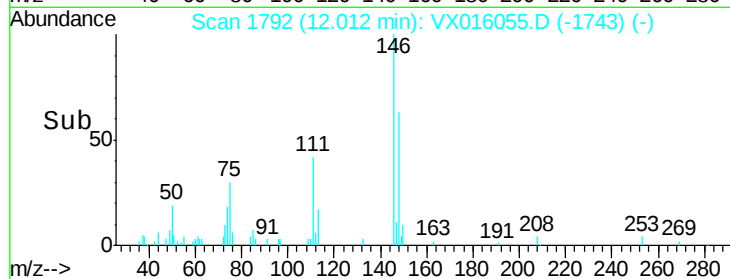
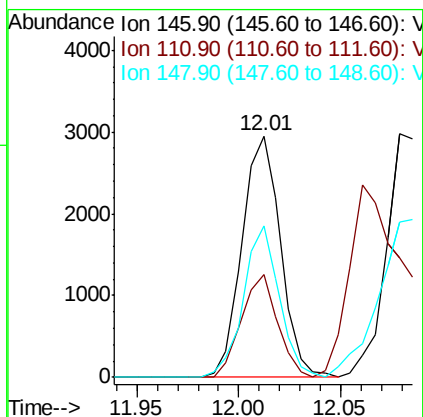
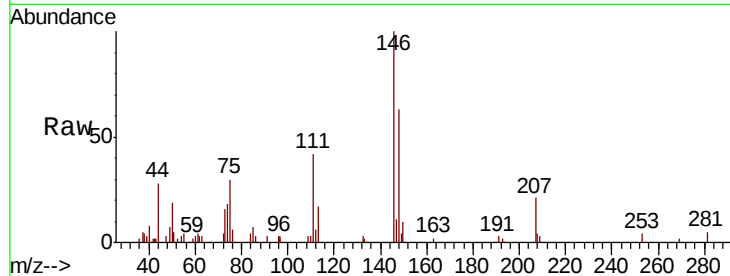




#87
 1,3-Dichlorobenzene
 Concen: 0.534 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

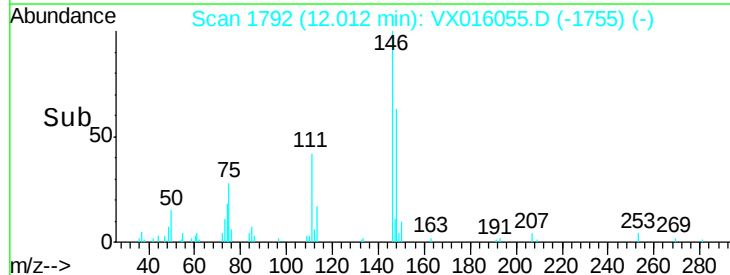
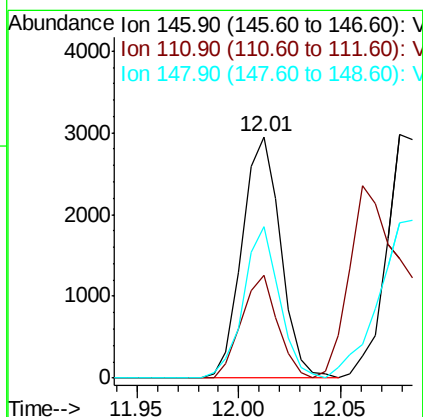
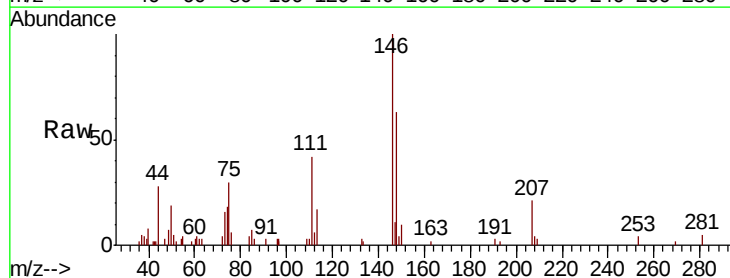
Instrument :
 MSVOA_X
 ClientSampleId :

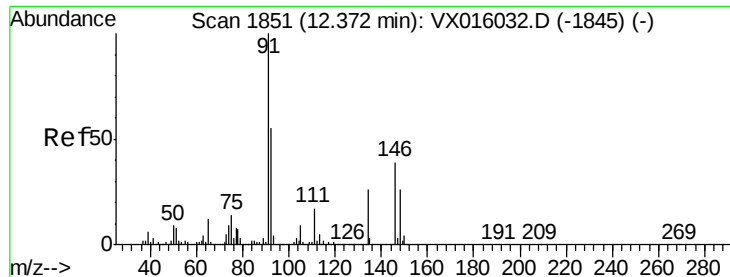
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	58.6	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.526 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	58.6	31.8	95.3





#89

n-Butylbenzene

Concen: 0.452 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

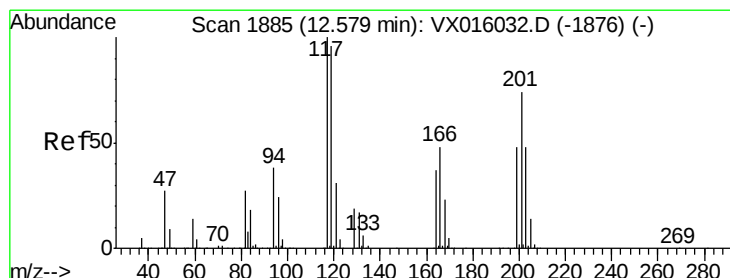
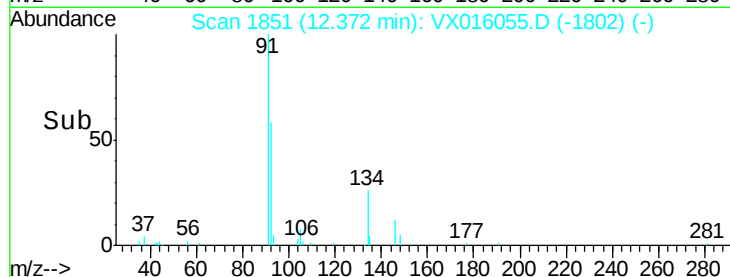
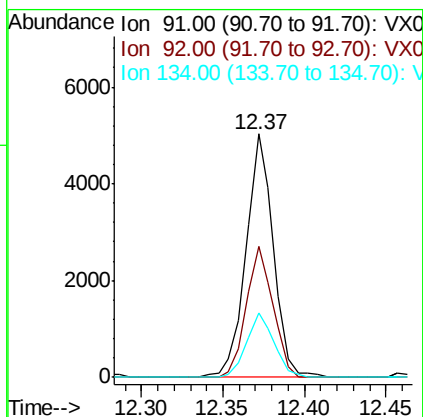
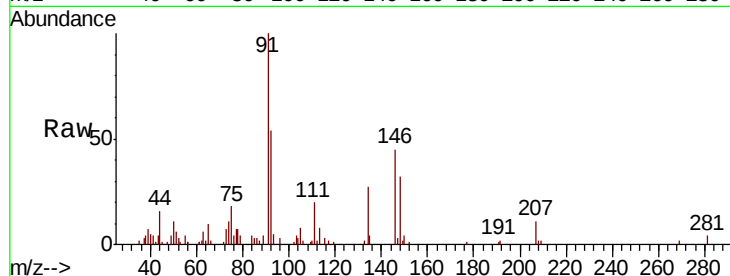
Tot Ion: 91 Resp: 5884

Ion Ratio Lower Upper

91 100

92 52.3 27.6 82.7

134 26.8 13.4 40.1



#90

Hexachloroethane

Concen: 0.340 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016055.D

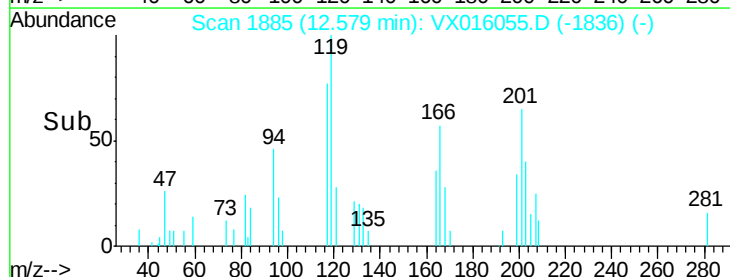
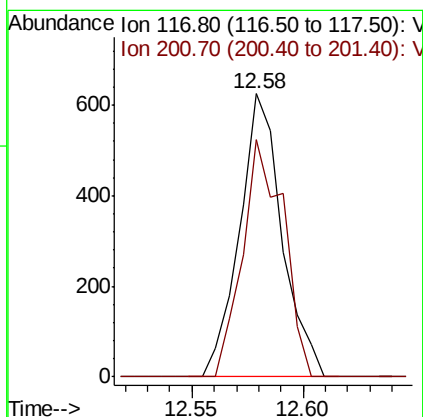
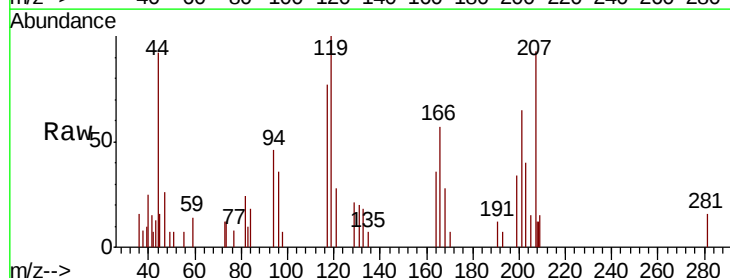
Acq: 05 May 2020 11:56

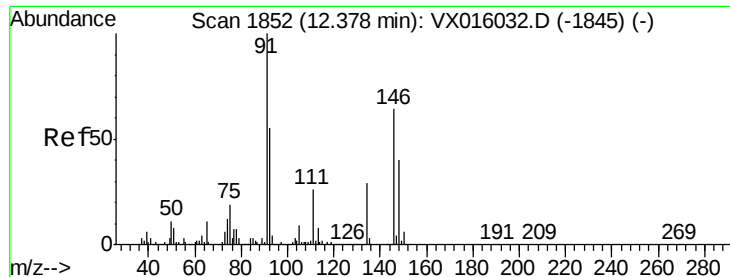
Tgt Ion: 117 Resp: 832

Ion Ratio Lower Upper

117 100

201 80.5 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 0.484 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

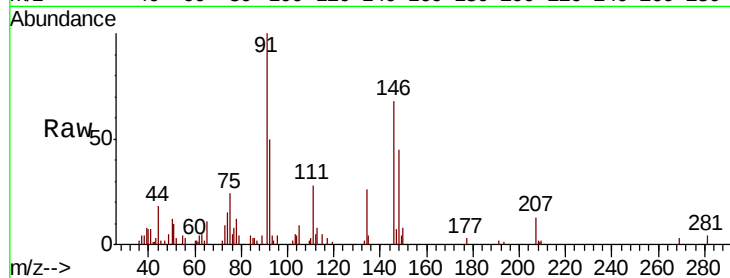
Tot Ion:146 Resp: 3376

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.1

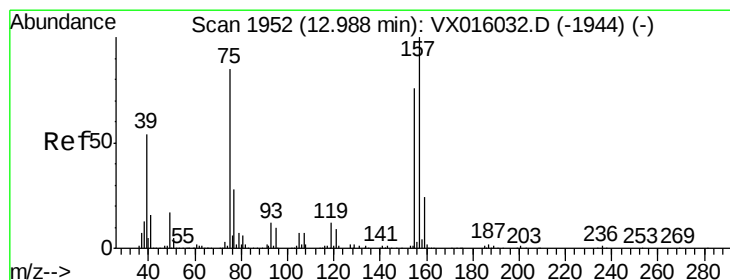
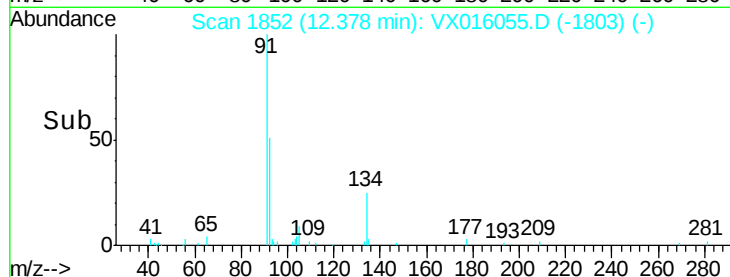
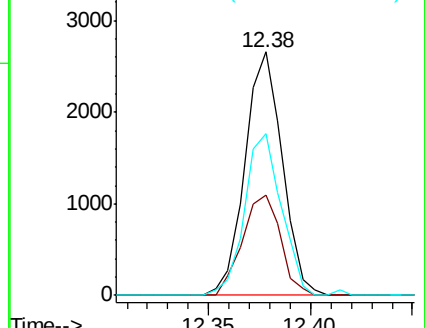
148 65.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.588 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

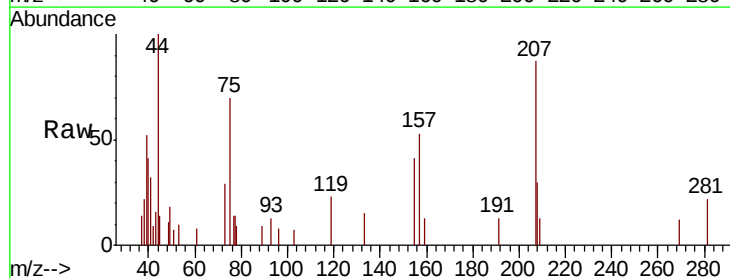
Tgt Ion: 75 Resp: 755

Ion Ratio Lower Upper

75 100

155 55.9 42.5 127.5

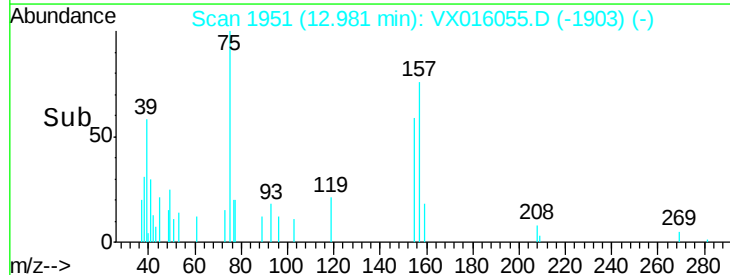
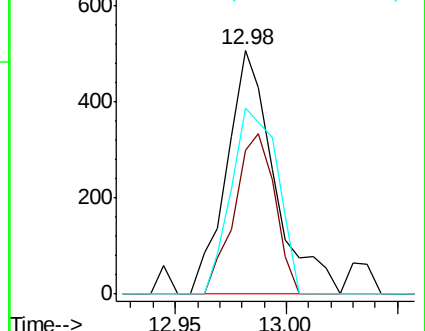
157 74.4 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

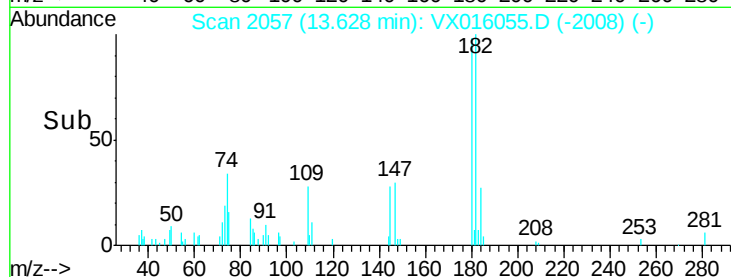
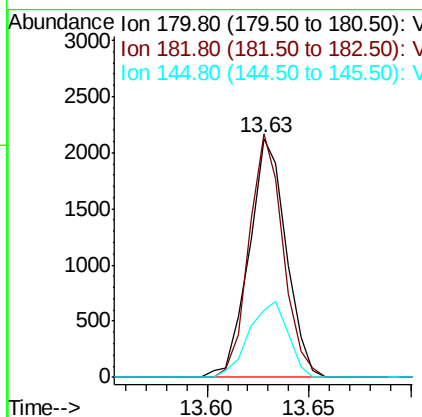
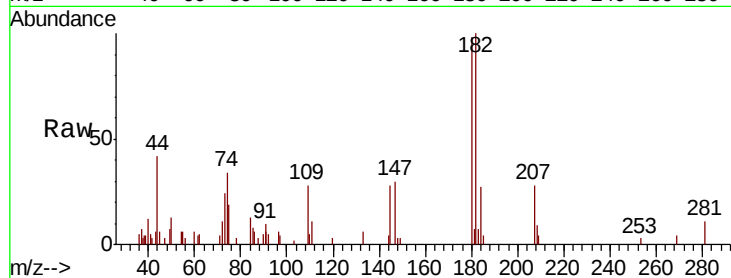




#93
 1,2,4-Trichlorobenzene
 Concen: 0.521 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

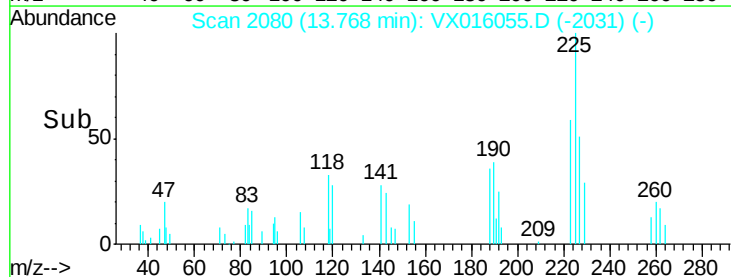
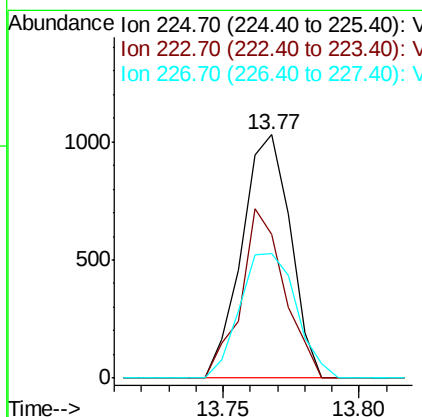
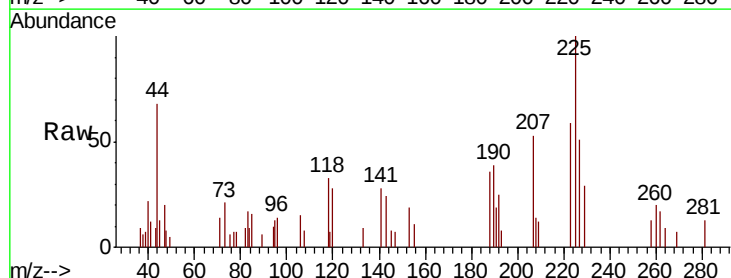
Instrument :
 MSVOA_X
 ClientSampleId :

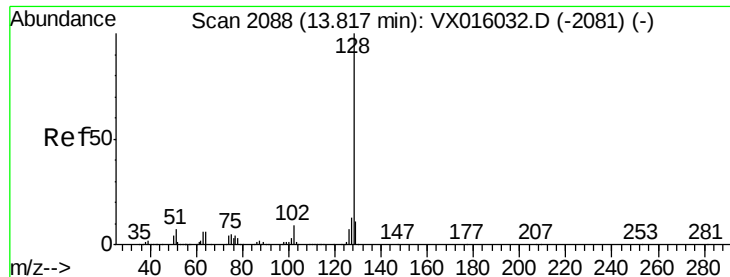
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.7	146.1
145	33.2	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 1.090 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016055.D
 Acq: 05 May 2020 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.3	96.9
227	59.7	31.8	95.4





#95

Naphthalene

Concen: 0.447 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

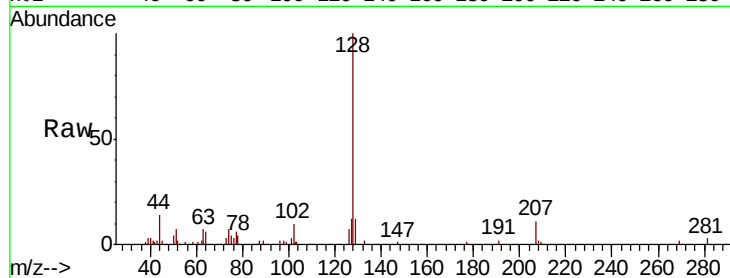
Tot Ion:128 Resp: 7476

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

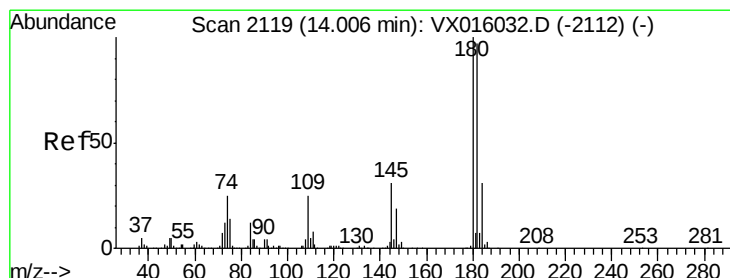
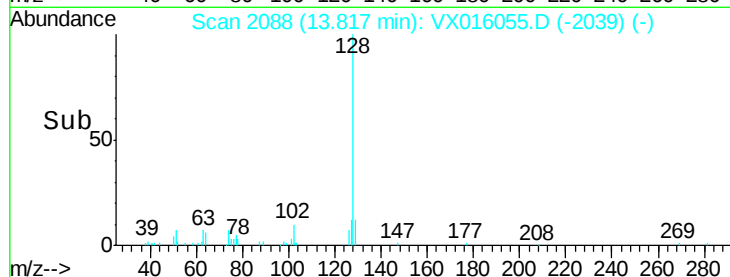
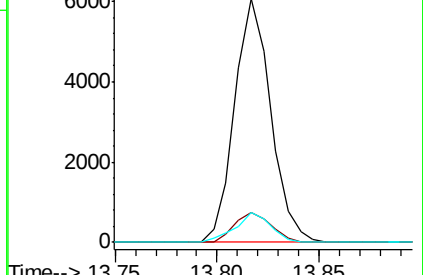
129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.507 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016055.D

Acq: 05 May 2020 11:56

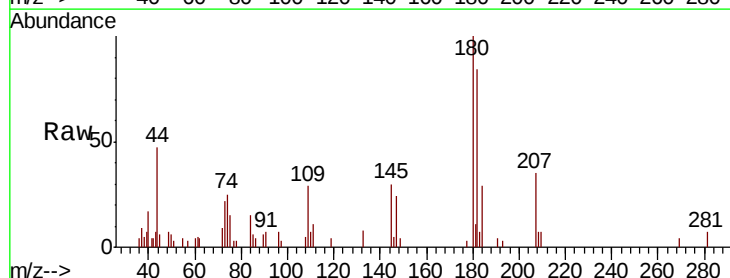
Tgt Ion:180 Resp: 2560

Ion Ratio Lower Upper

180 100

182 92.3 48.4 145.0

145 31.6 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

