

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026303.D
 Acq On : 05 Jan 2022 04:33
 Operator : JC/MD
 Sample : PB141821ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:44:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	147586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114941	53.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.660%	
35) Dibromofluoromethane	5.391	113	84375	50.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.360%	
50) Toluene-d8	8.653	98	298165	48.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	11.079	95	110220	49.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.000%	

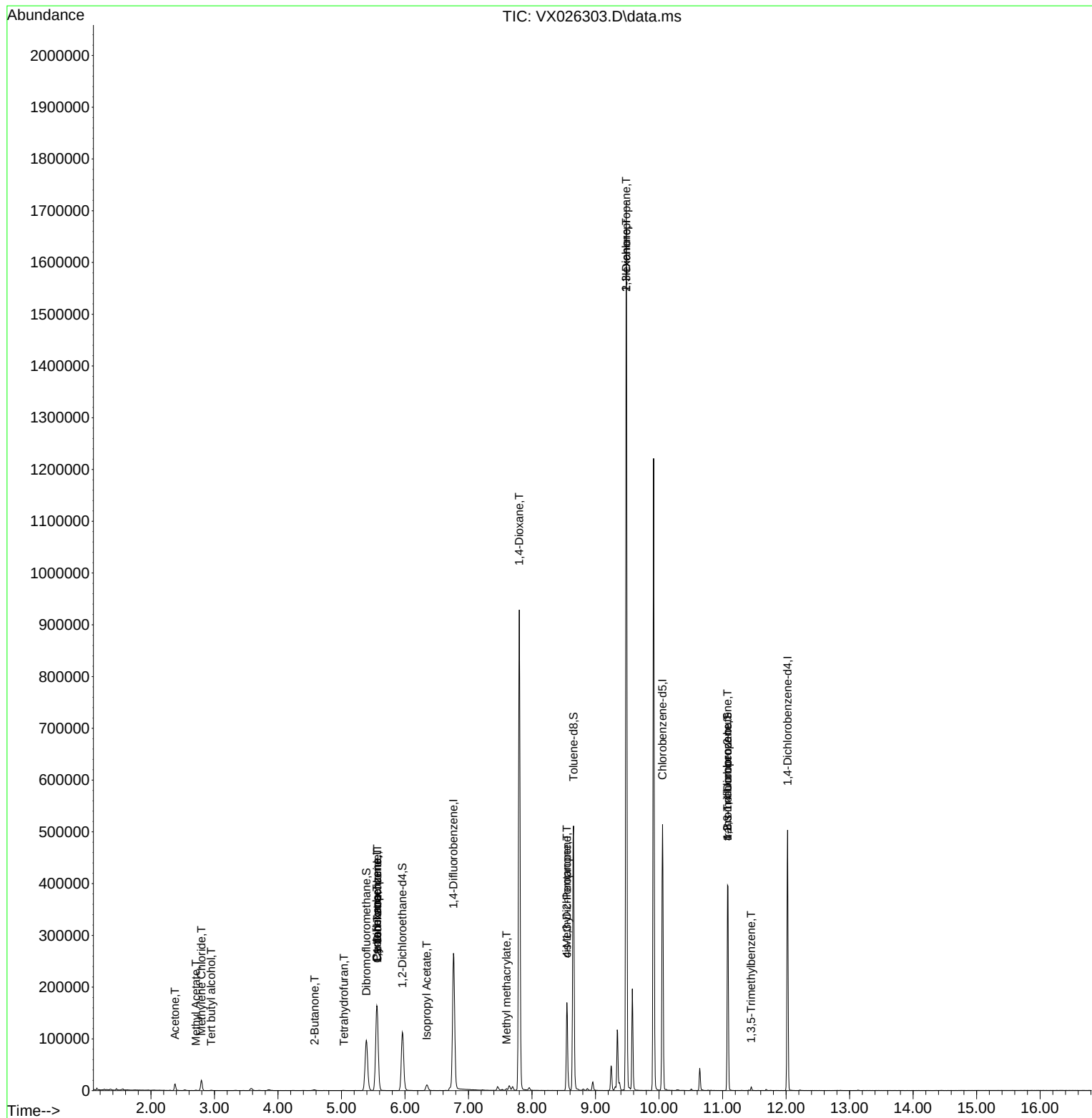
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	500	1.172	ug/l #	73
16) Acetone	2.380	43	13647	11.797	ug/l	92
18) Methyl Acetate	2.709	43	1117	0.298	ug/l #	83
20) Methylene Chloride	2.794	84	8587	3.768	ug/l	88
25) 2-Butanone	4.574	43	2439	1.514	ug/l	97
29) Tetrahydrofuran	5.038	42	301	0.296	ug/l #	32
31) Cyclohexane	5.556	56	3477	1.144	ug/l #	25
36) 1,1-Dichloropropene	5.562	75	12878	4.796	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16018	5.363	ug/l #	14
43) Isopropyl Acetate	6.342	43	15810	3.116	ug/l	97
48) Methyl methacrylate	7.598	41	4127	1.696	ug/l #	12
49) 1,4-Dioxane	7.799	88	117	2.609	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	60570	19.180	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	25728	8.229	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	14415	4.340	ug/l #	43
59) 2-Hexanone	9.482	43	217942	91.111	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	59376	25.789	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	2815	0.457	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	59376	74.607	ug/l #	10

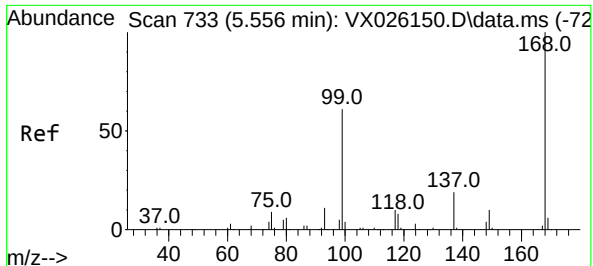
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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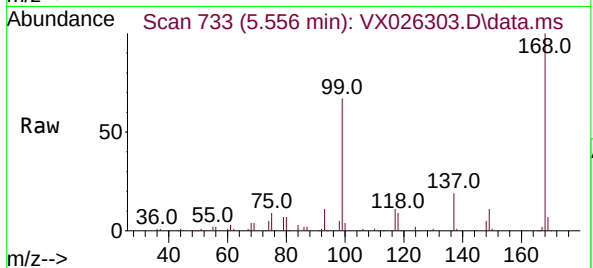
Quant Time: Jan 05 06:44:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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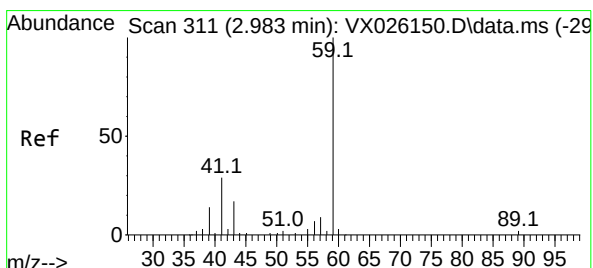
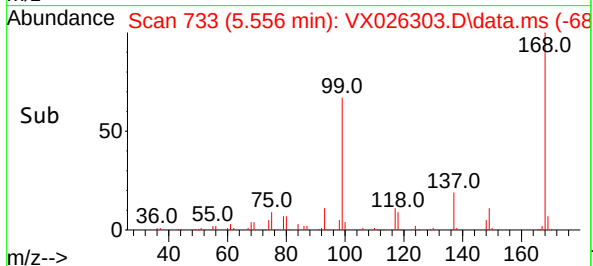
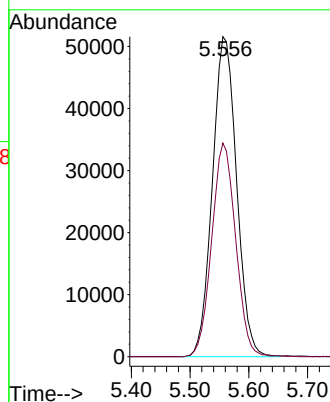


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Instrument :
MSVOA_X
ClientSampleId :

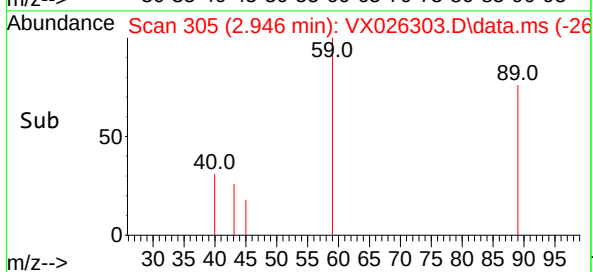
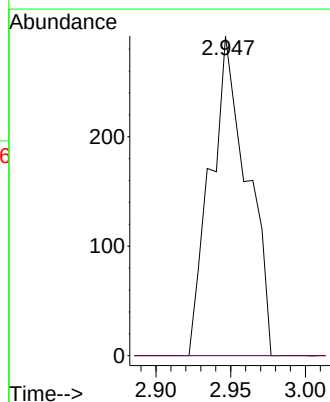
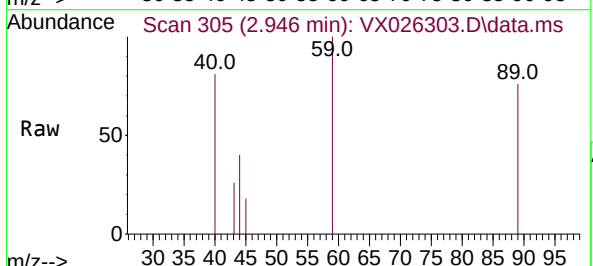


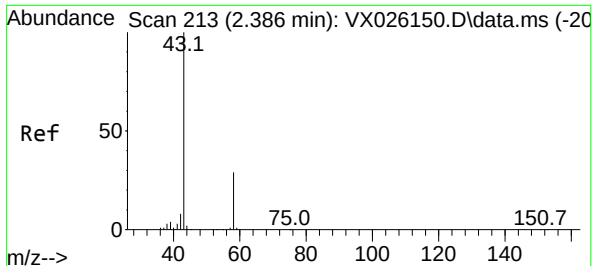
Tgt Ion:168 Resp: 147586
Ion Ratio Lower Upper
168 100
99 66.8 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.172 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

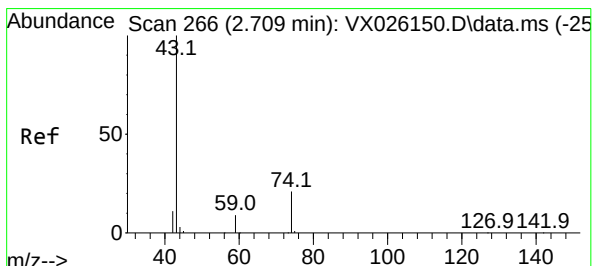
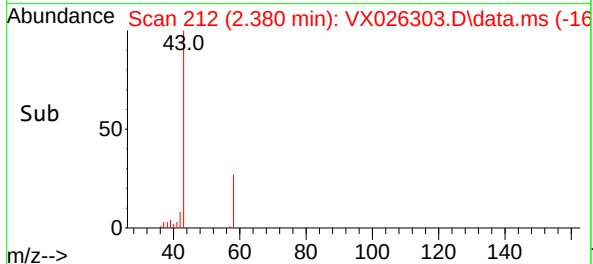
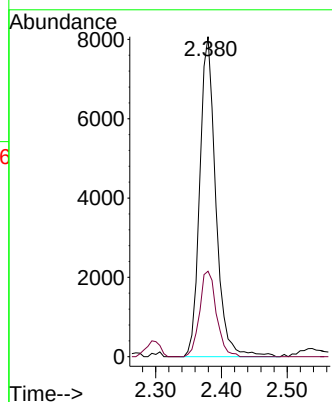
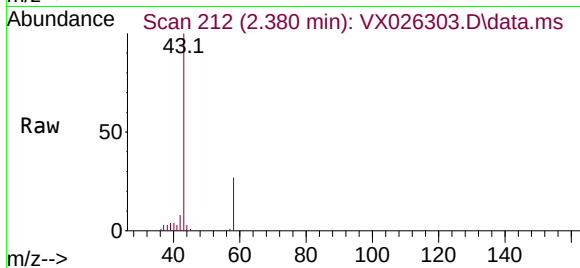




#16
Acetone
Concen: 11.797 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

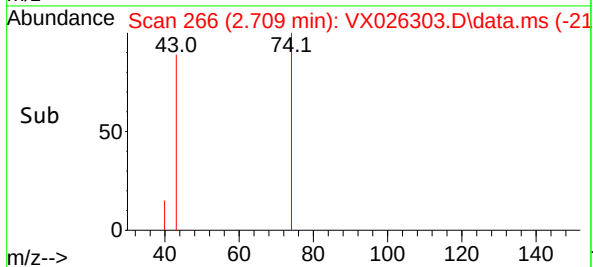
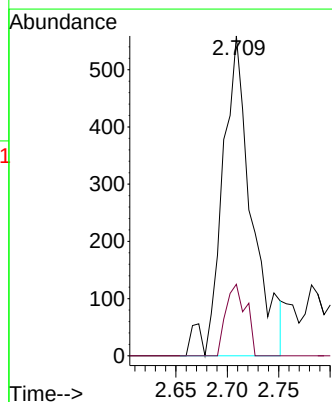
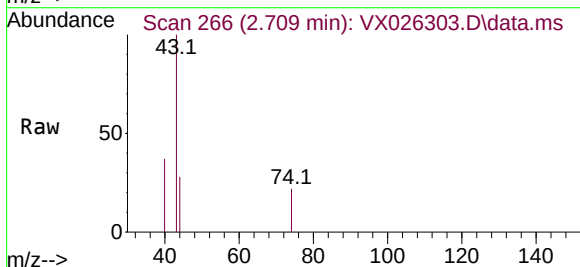
Instrument :
MSVOA_X
ClientSampleId :

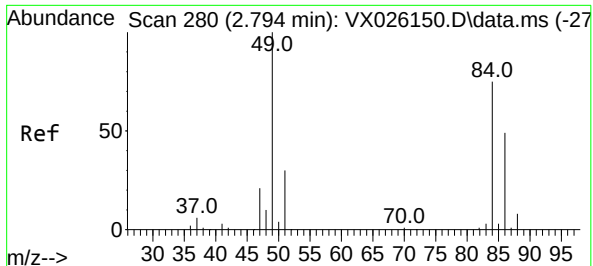
Tgt Ion: 43 Resp: 13647
Ion Ratio Lower Upper
43 100
58 26.7 24.8 37.2



#18
Methyl Acetate
Concen: 0.298 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
74 15.3 19.1 28.7#





#20

Methylene Chloride

Concen: 3.768 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

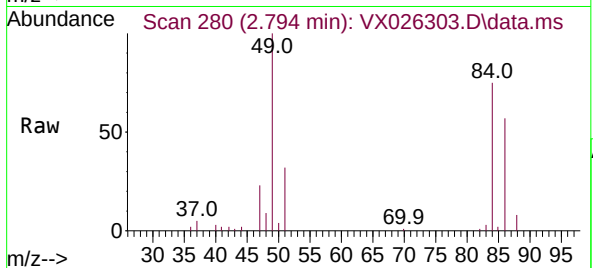
Lab File: VX026303.D

Acq: 05 Jan 2022 04:33

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 8587

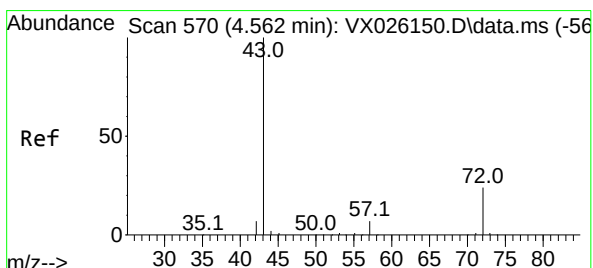
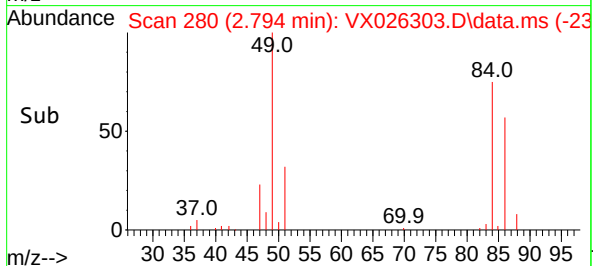
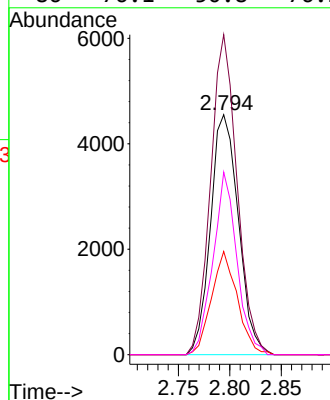
Ion Ratio Lower Upper

84 100

49 133.3 97.1 145.7

51 43.0 29.3 43.9

86 76.1 50.8 76.2



#25

2-Butanone

Concen: 1.514 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026303.D

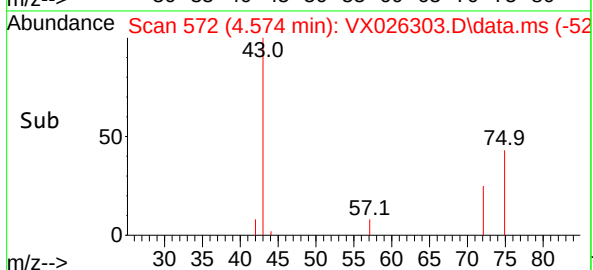
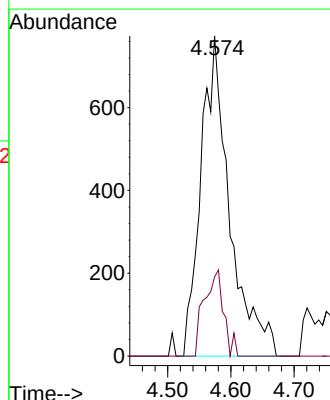
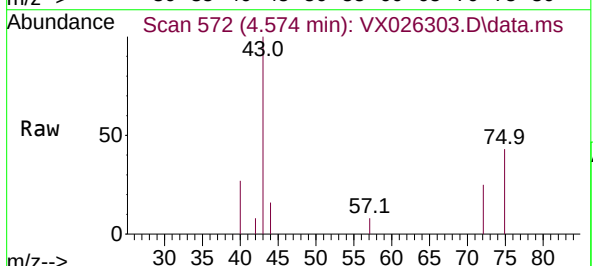
Acq: 05 Jan 2022 04:33

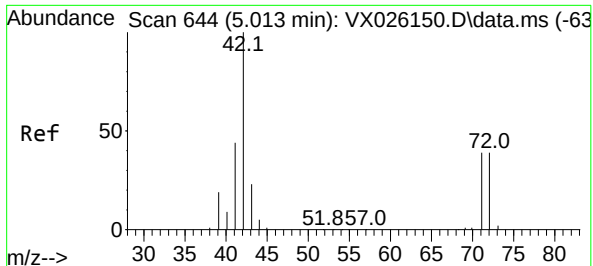
Tgt Ion: 43 Resp: 2439

Ion Ratio Lower Upper

43 100

72 24.7 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.296 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX026303.D

Acq: 05 Jan 2022 04:33

Instrument :

MSVOA_X

ClientSampleId :

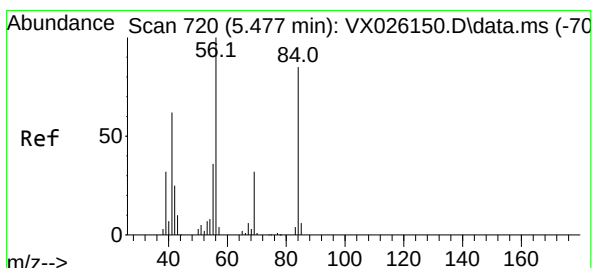
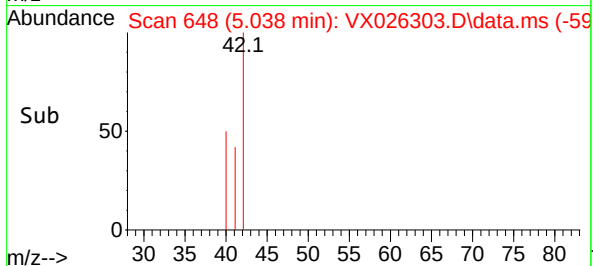
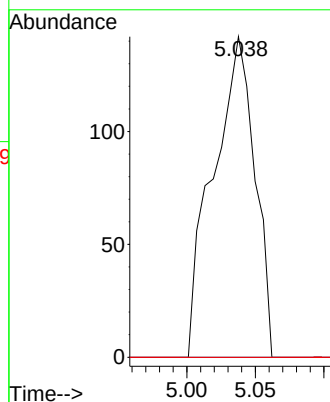
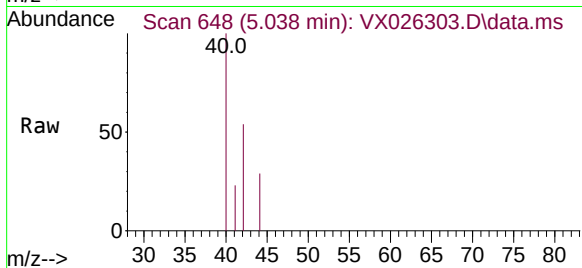
Tgt Ion: 42 Resp: 301

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026303.D

Acq: 05 Jan 2022 04:33

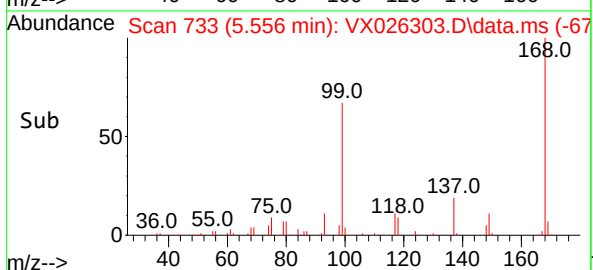
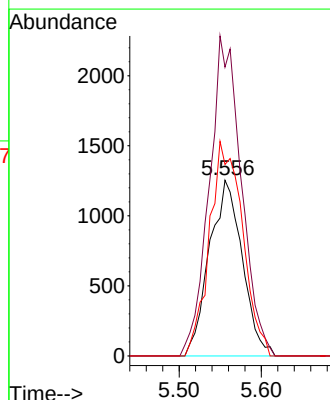
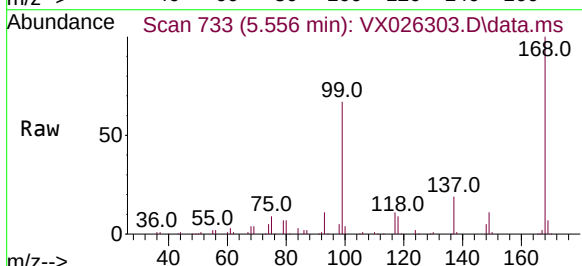
Tgt Ion: 56 Resp: 3477

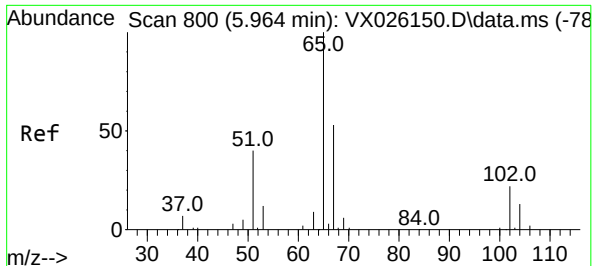
Ion Ratio Lower Upper

56 100

69 164.4 23.9 35.9#

84 109.0 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 53.833 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026303.D

Acq: 05 Jan 2022 04:33

Instrument :

MSVOA_X

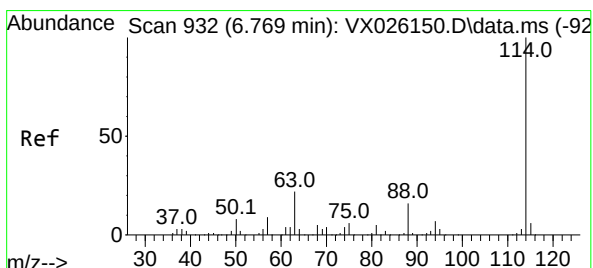
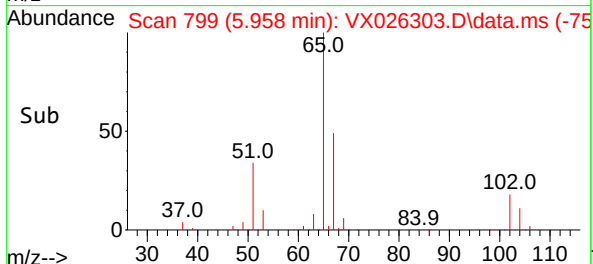
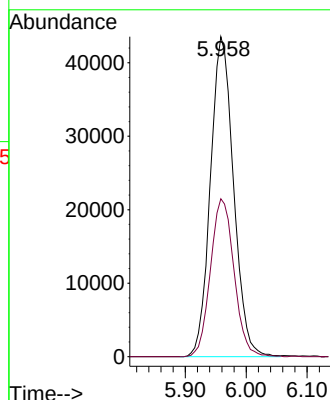
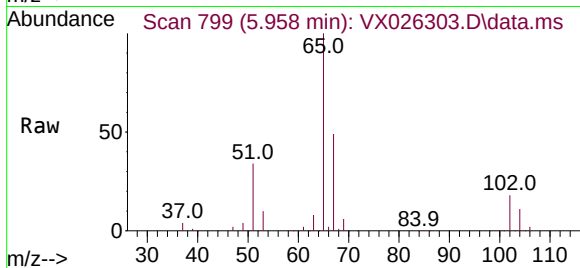
ClientSampleId :

Tgt Ion: 65 Resp: 114941

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026303.D

Acq: 05 Jan 2022 04:33

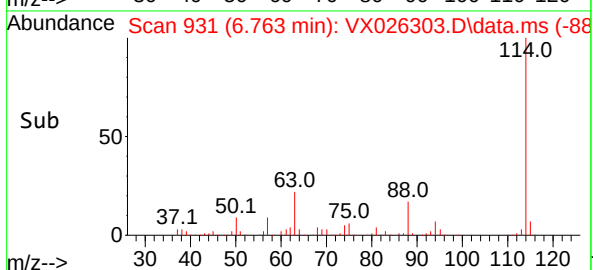
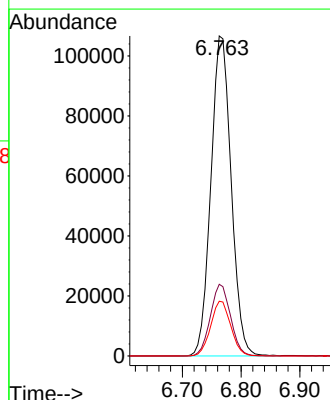
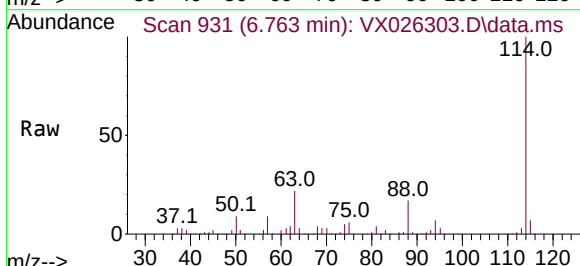
Tgt Ion: 114 Resp: 256087

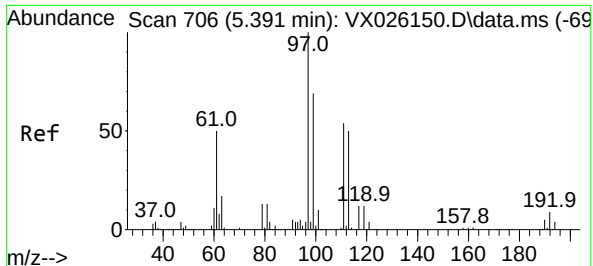
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.679 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

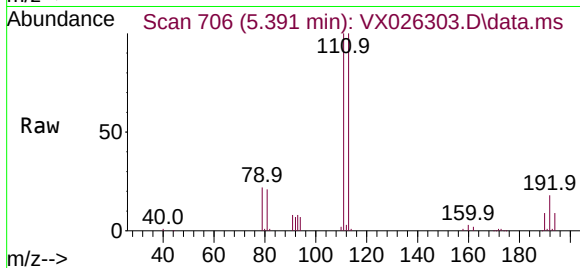
Lab File: VX026303.D

Acq: 05 Jan 2022 04:33

Instrument :

MSVOA_X

ClientSampleId :



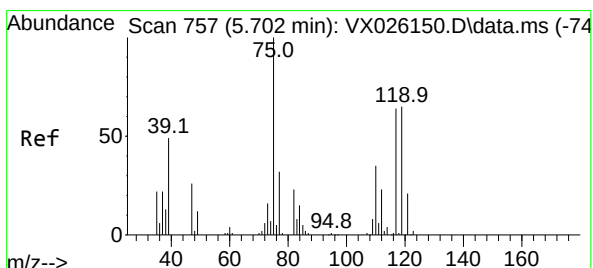
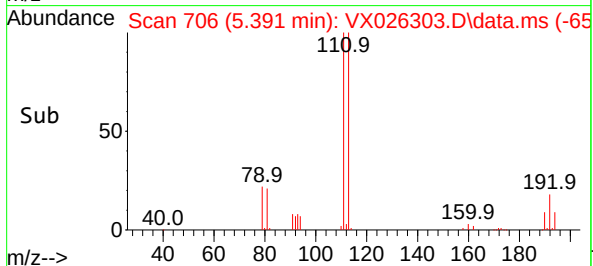
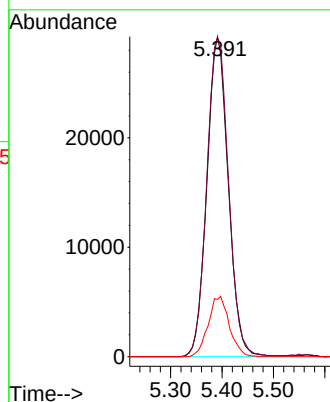
Tgt Ion:113 Resp: 84375

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.796 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026303.D

Acq: 05 Jan 2022 04:33

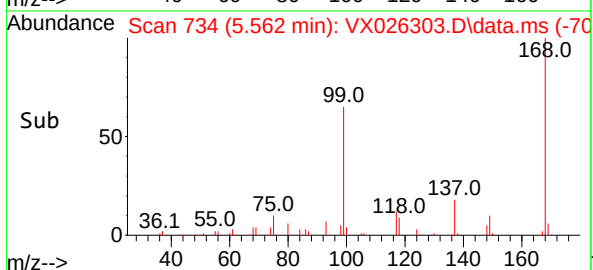
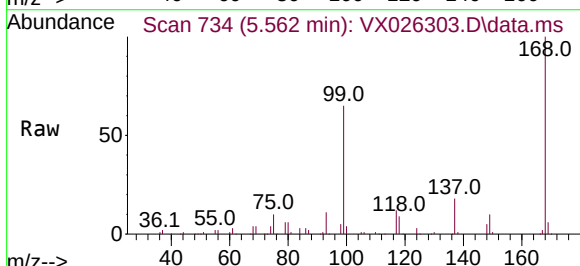
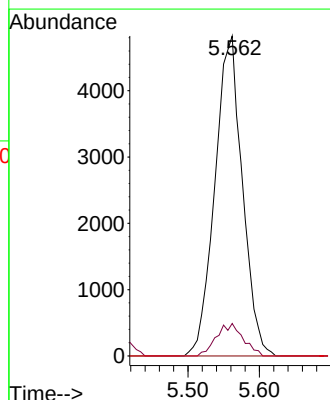
Tgt Ion: 75 Resp: 12878

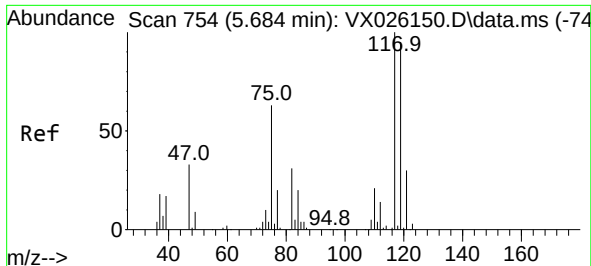
Ion Ratio Lower Upper

75 100

110 9.8 18.2 54.6#

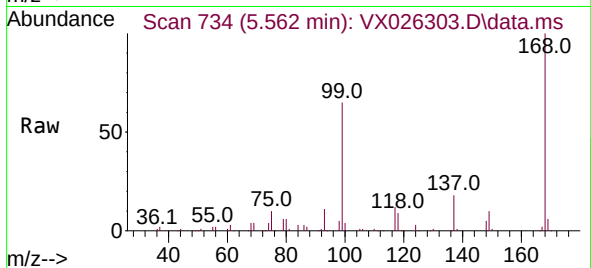
77 0.0 24.7 37.1#



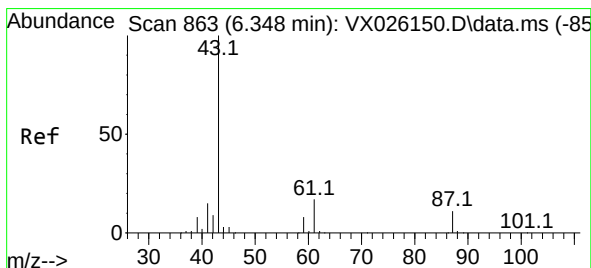
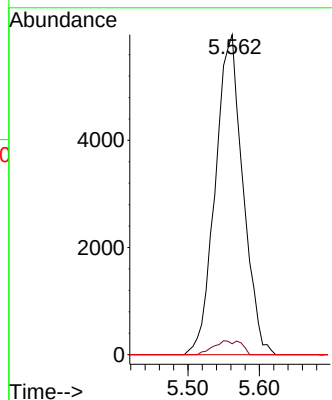
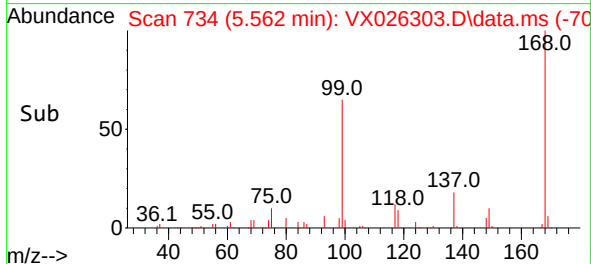


#38
Carbon Tetrachloride
Concen: 5.363 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Instrument :
MSVOA_X
ClientSampleId :

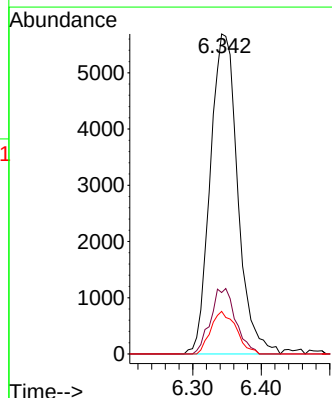
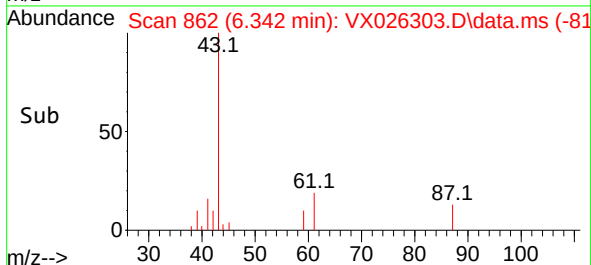
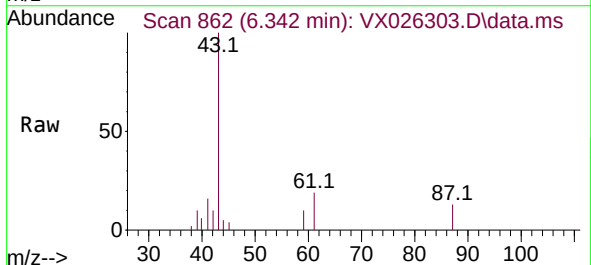


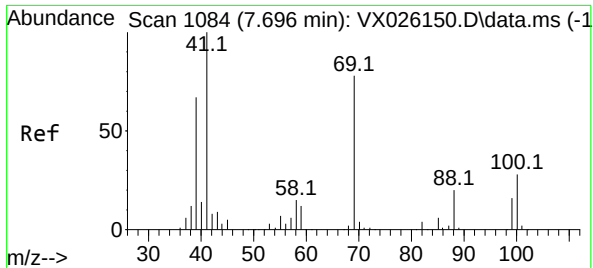
Tgt Ion:117 Resp: 16018
Ion Ratio Lower Upper
117 100
119 3.4 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.116 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion: 43 Resp: 15810
Ion Ratio Lower Upper
43 100
61 18.7 15.7 23.5
87 12.3 11.2 16.8

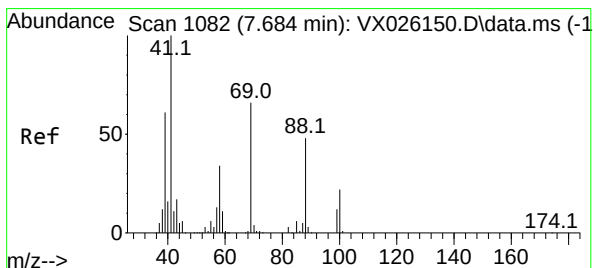
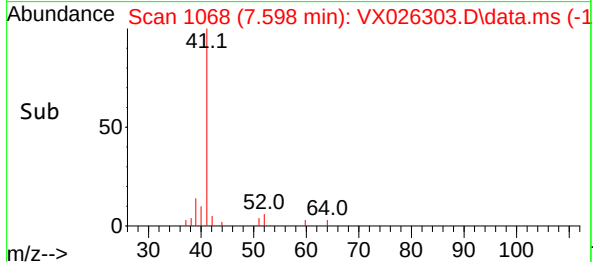
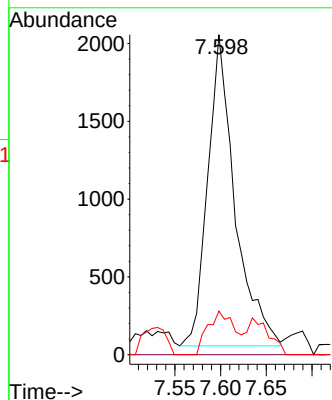
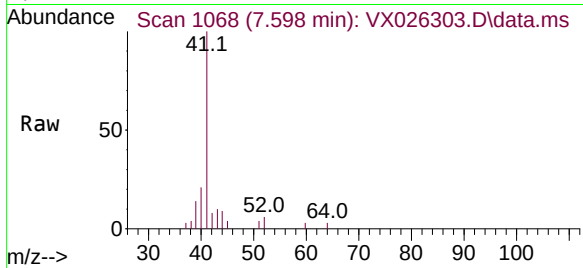




#48
Methyl methacrylate
Concen: 1.696 ug/l
RT: 7.598 min Scan# 1101
Delta R.T. -0.098 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

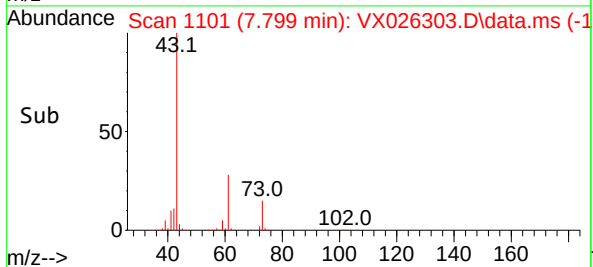
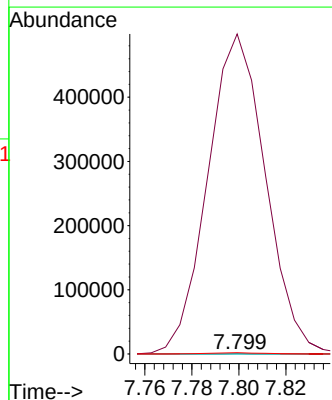
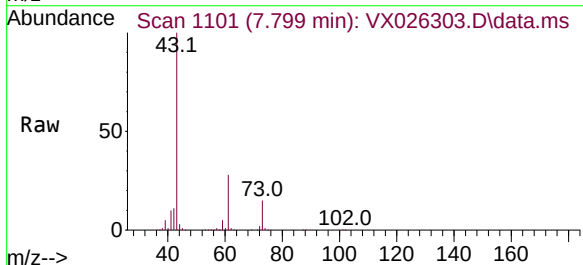
Instrument :
MSVOA_X
ClientSampleId :

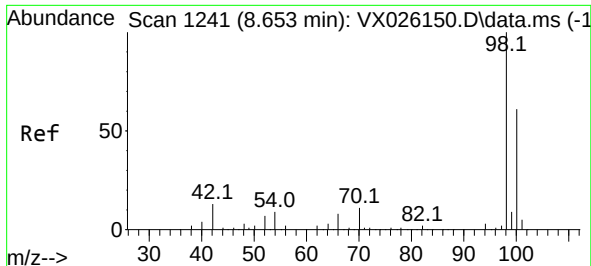
Tgt Ion: 41 Resp: 4127
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 2.609 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
43 734107.7 25.3 37.9#
58 2597.4 51.8 77.6#

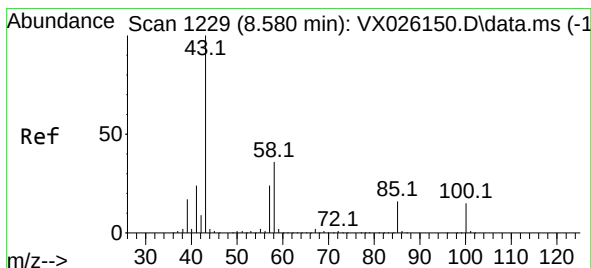
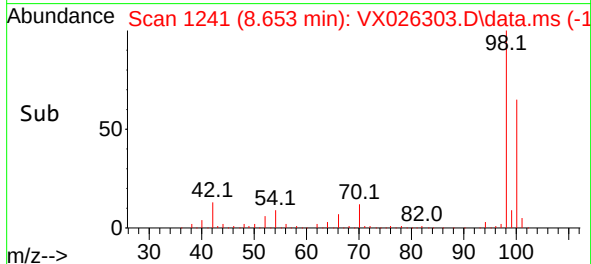
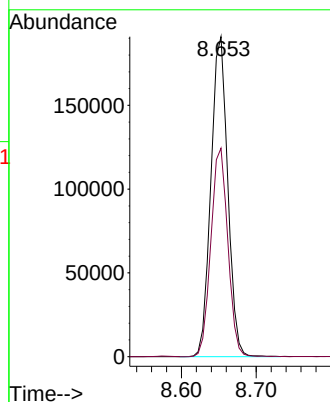
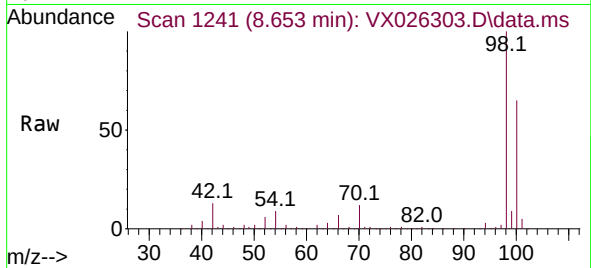




#50
Toluene-d8
Concen: 48.147 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

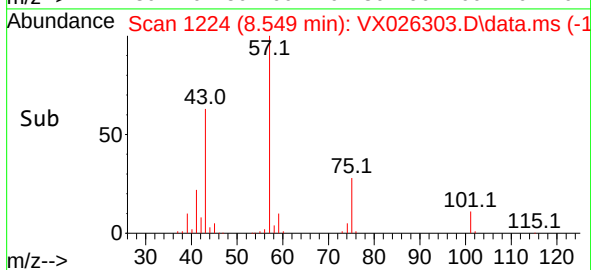
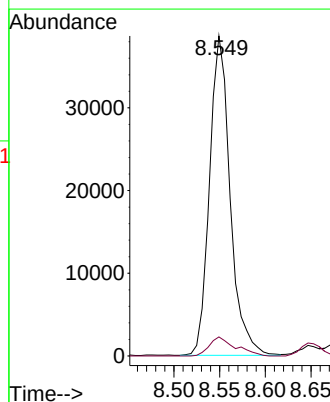
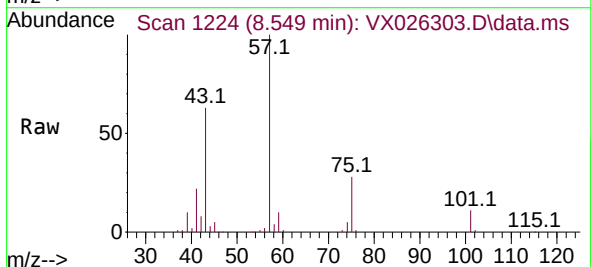
Instrument :
MSVOA_X
ClientSampleId :

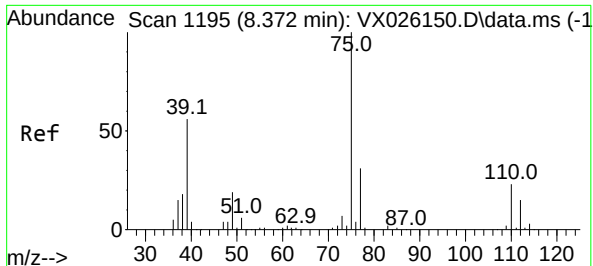
Tgt Ion: 98 Resp: 298165
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.180 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion: 43 Resp: 60570
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#

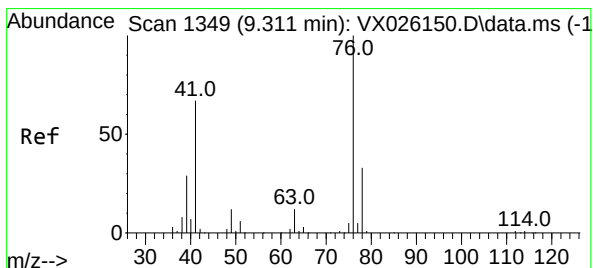
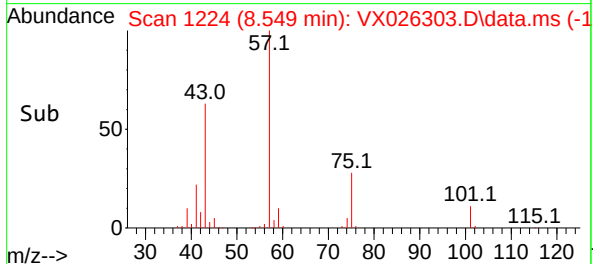
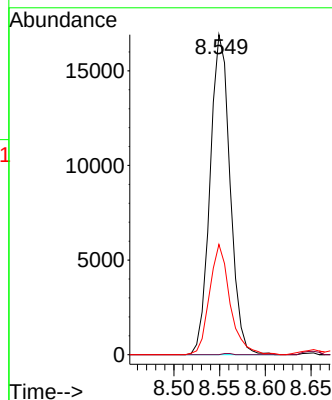
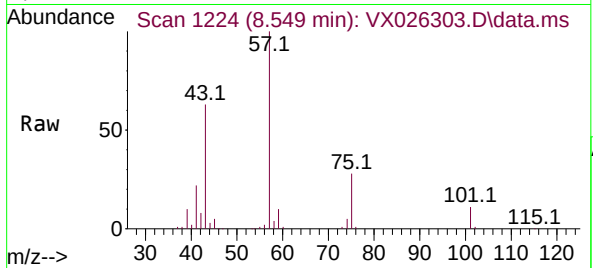




#54
 cis-1,3-Dichloropropene
 Concen: 8.229 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026303.D
 Acq: 05 Jan 2022 04:33

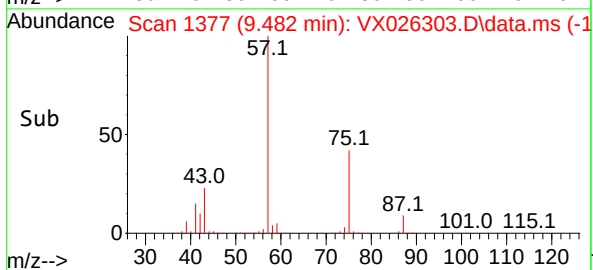
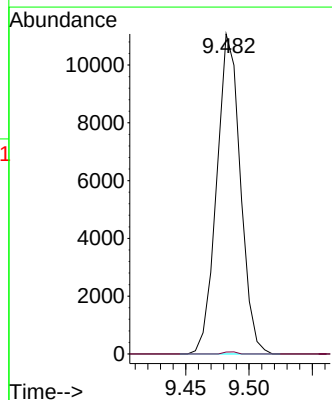
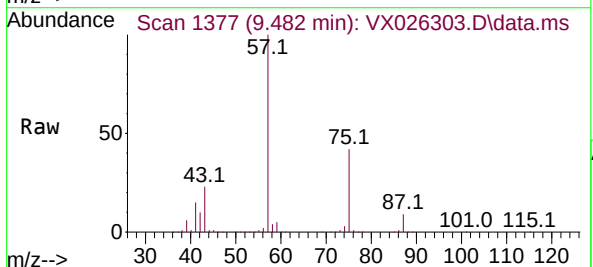
Instrument :
 MSVOA_X
 ClientSampleId :

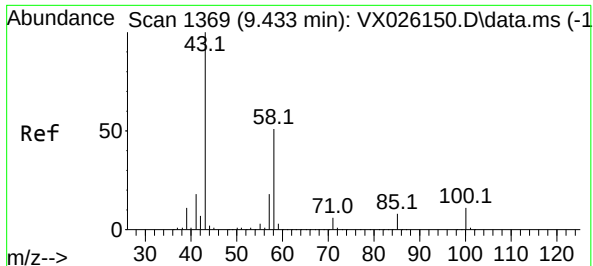
Tgt Ion: 75 Resp: 25728
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 34.4 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.340 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026303.D
 Acq: 05 Jan 2022 04:33

Tgt Ion: 76 Resp: 14415
 Ion Ratio Lower Upper
 76 100
 78 0.4 26.0 39.0#

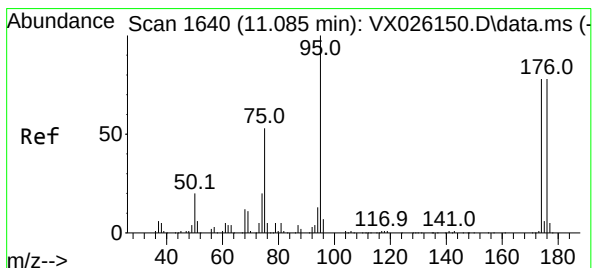
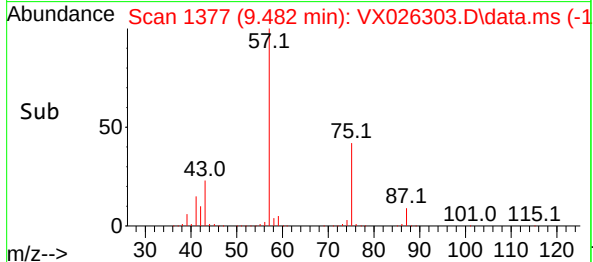
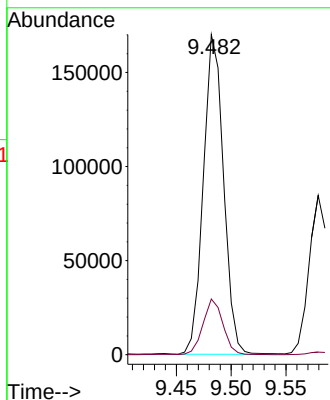
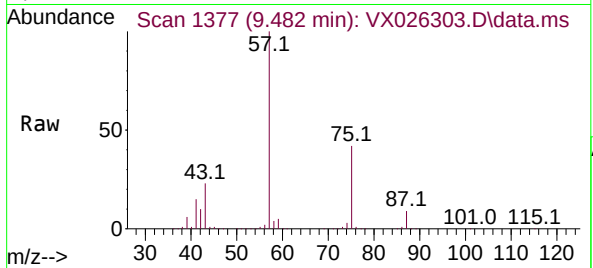




#59
2-Hexanone
Concen: 91.111 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

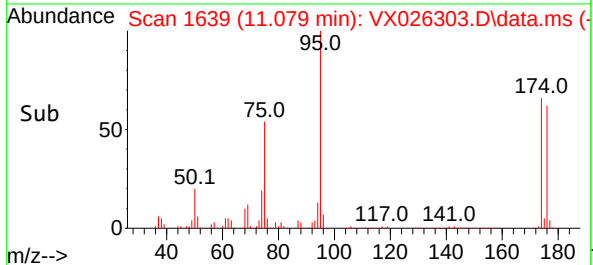
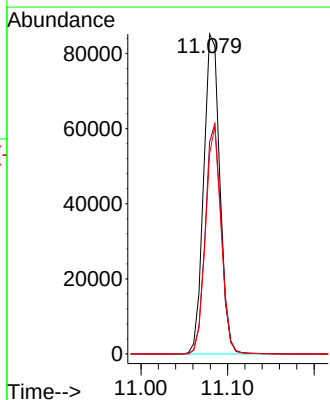
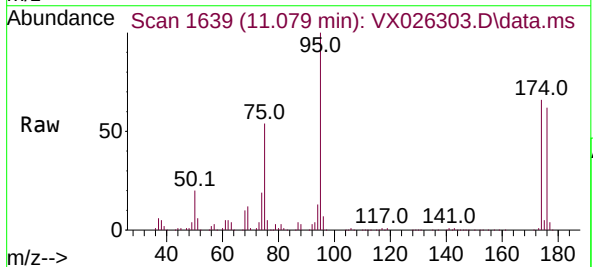
Instrument :
MSVOA_X
ClientSampleId :

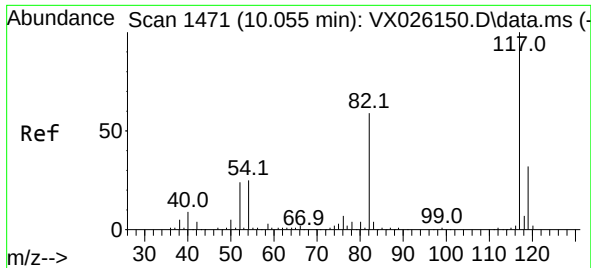
Tgt Ion: 43 Resp: 217942
Ion Ratio Lower Upper
43 100
58 17.4 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 49.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion: 95 Resp: 110220
Ion Ratio Lower Upper
95 100
174 71.4 0.0 157.4
176 68.4 0.0 154.6

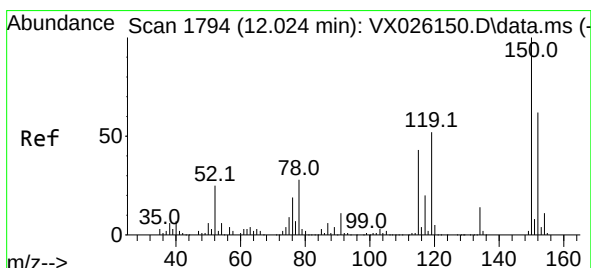
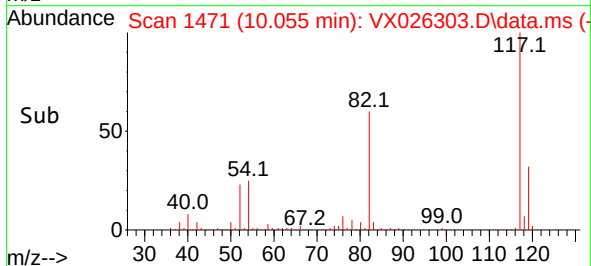
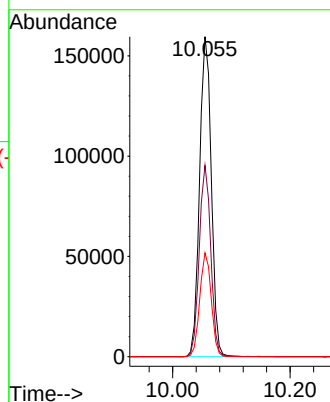
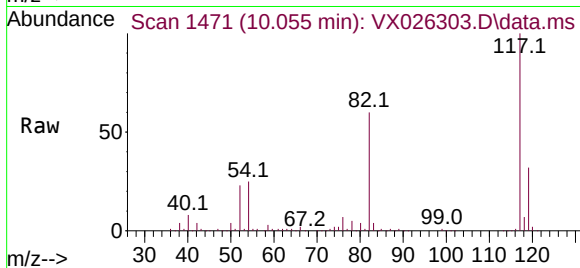




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

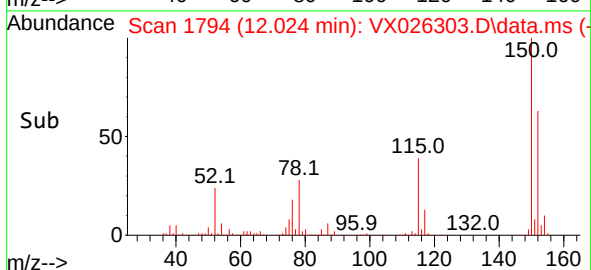
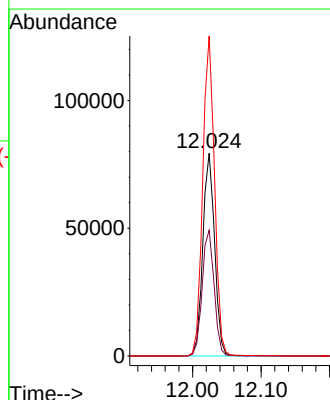
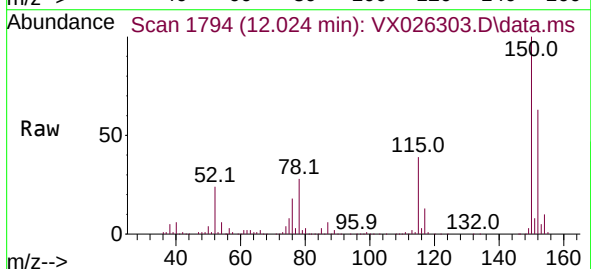
Instrument :
MSVOA_X
ClientSampleId :

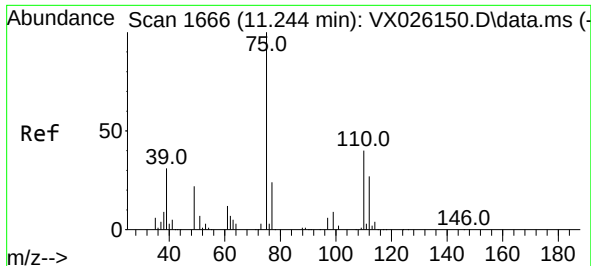
Tgt Ion:117 Resp: 220426
Ion Ratio Lower Upper
117 100
82 59.8 43.8 65.6
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion:152 Resp: 95387
Ion Ratio Lower Upper
152 100
115 62.8 41.3 123.9
150 157.6 0.0 351.8

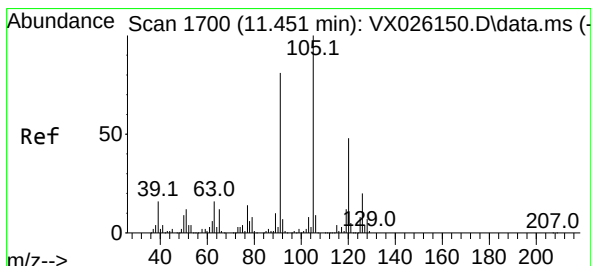
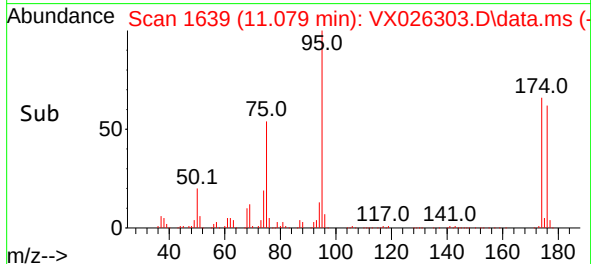
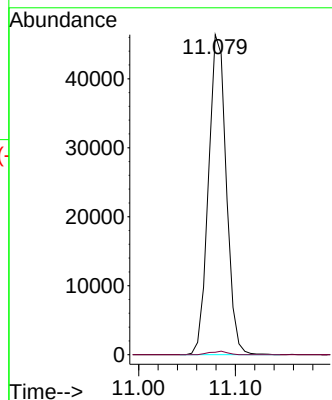
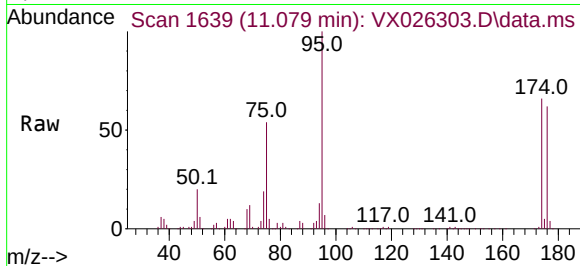




#76
1,2,3-Trichloropropane
Concen: 25.789 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

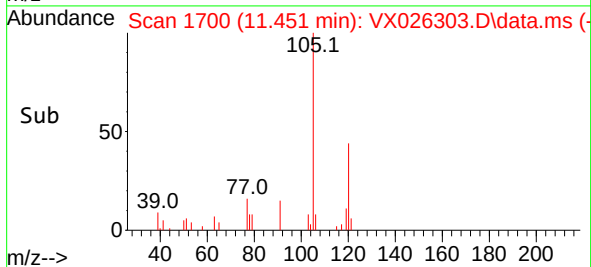
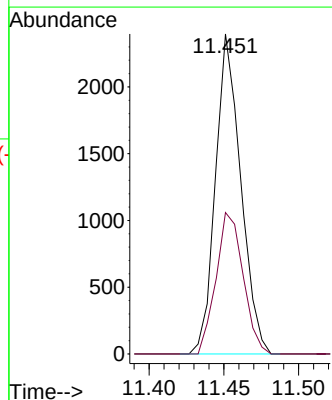
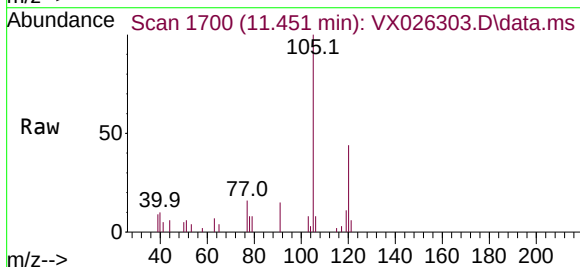
Instrument :
MSVOA_X
ClientSampleId :

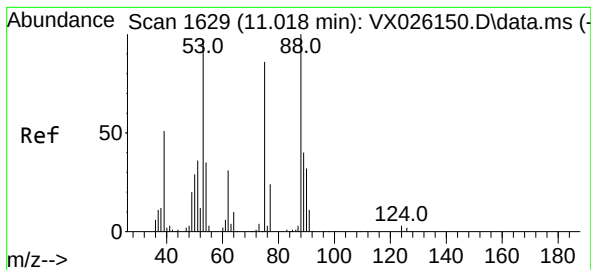
Tgt Ion: 75 Resp: 59376
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.457 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026303.D
Acq: 05 Jan 2022 04:33

Tgt Ion: 105 Resp: 2815
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.607 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX026303.D
 Acq: 05 Jan 2022 04:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 59376
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

