

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026298.D
 Acq On : 05 Jan 2022 02:38
 Operator : JC/MD
 Sample : PB141821ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:43:02 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

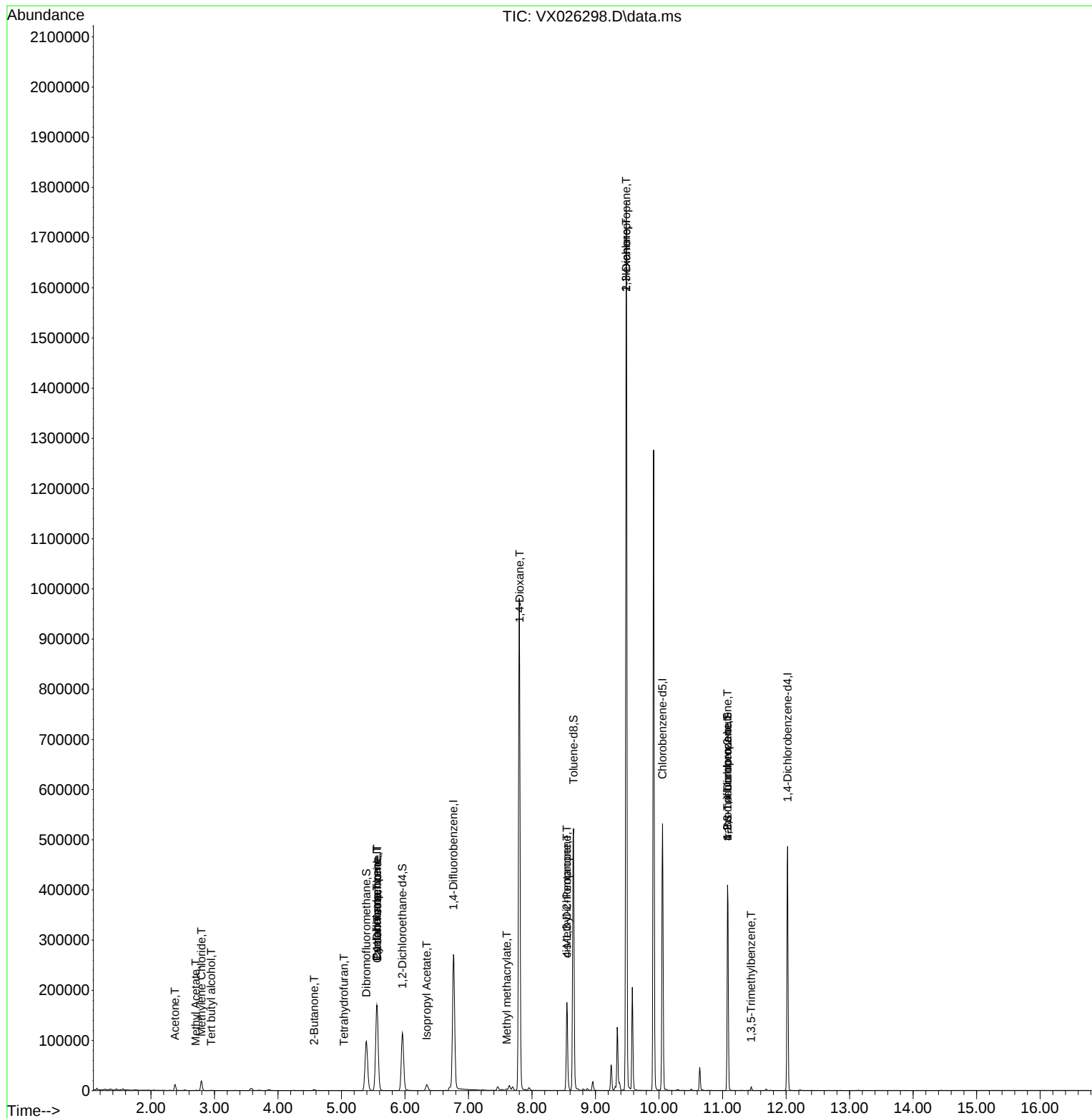
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	152650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115704	52.393	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.780%		
35) Dibromofluoromethane	5.391	113	85641	50.240	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.480%		
50) Toluene-d8	8.653	98	302315	47.679	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.360%		
62) 4-Bromofluorobenzene	11.079	95	110815	49.094	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.180%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	465	1.054	ug/l #	73
16) Acetone	2.380	43	13761	11.501	ug/l	98
18) Methyl Acetate	2.703	43	1156	0.298	ug/l #	71
20) Methylene Chloride	2.794	84	8499	3.565	ug/l	98
25) 2-Butanone	4.568	43	2512	1.507	ug/l	93
29) Tetrahydrofuran	5.038	42	331	0.315	ug/l #	41
31) Cyclohexane	5.556	56	3501	1.113	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	12962	4.714	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16628	5.437	ug/l #	16
43) Isopropyl Acetate	6.342	43	16657	3.206	ug/l	95
48) Methyl methacrylate	7.604	41	4312	1.730	ug/l #	12
49) 1,4-Dioxane	7.805	88	102	2.221	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	63927	19.771	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	26860	8.390	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	14973	4.403	ug/l #	42
59) 2-Hexanone	9.482	43	226422	92.448	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	57677	25.472	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	2977	0.492	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	57677	73.691	ug/l #	10

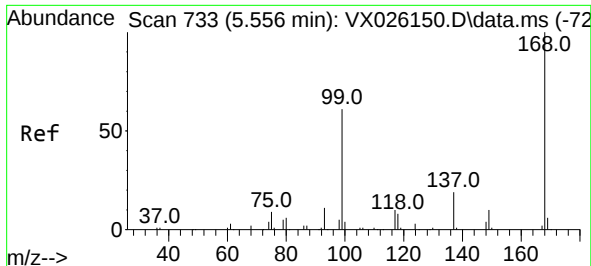
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
Data File : VX026298.D
Acq On : 05 Jan 2022 02:38
Operator : JC/MD
Sample : PB141821ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

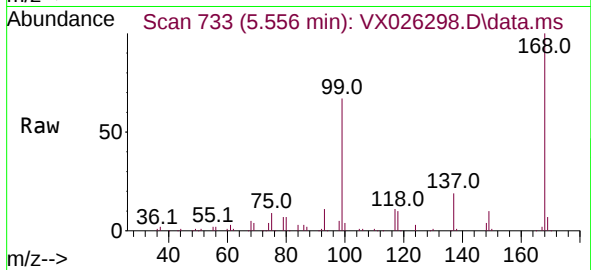
Quant Time: Jan 05 06:43:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



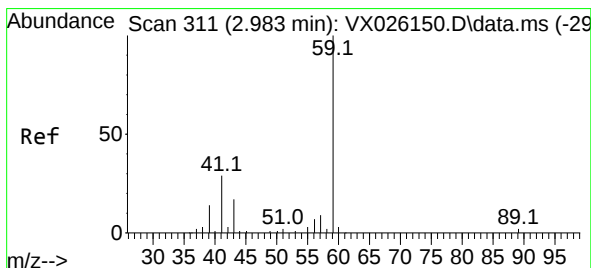
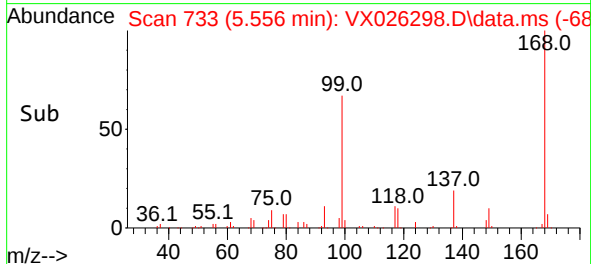
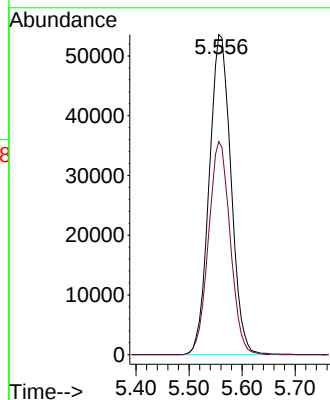


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :

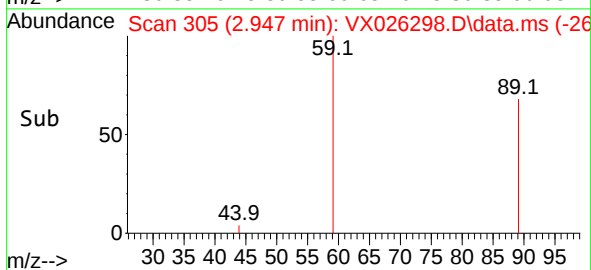
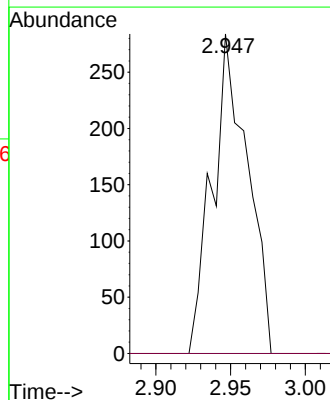
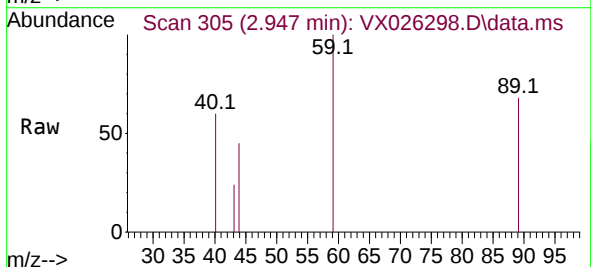


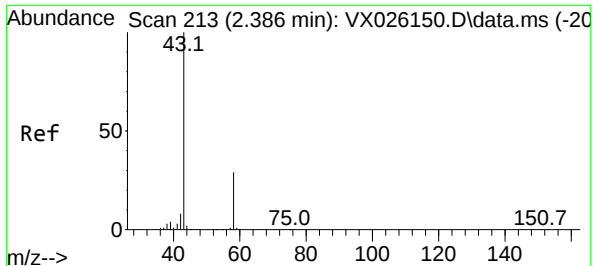
Tgt Ion:168 Resp: 152650
Ion Ratio Lower Upper
168 100
99 66.6 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.054 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

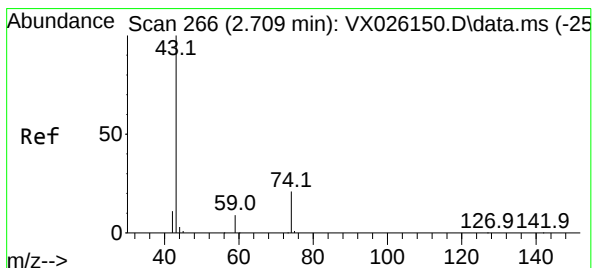
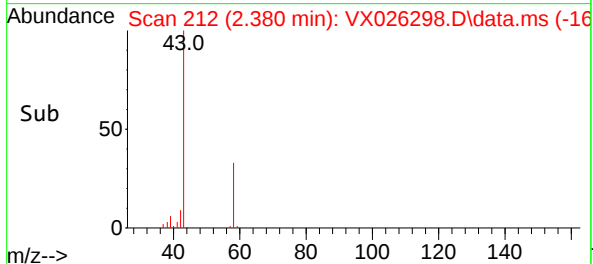
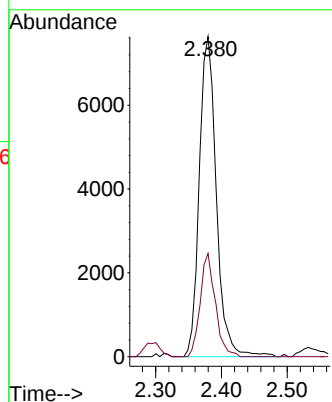
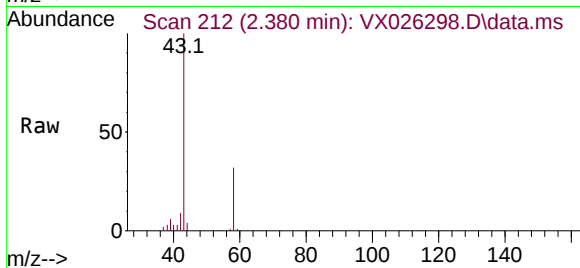




#16
Acetone
Concen: 11.501 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

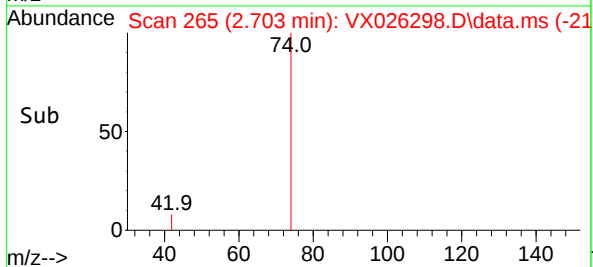
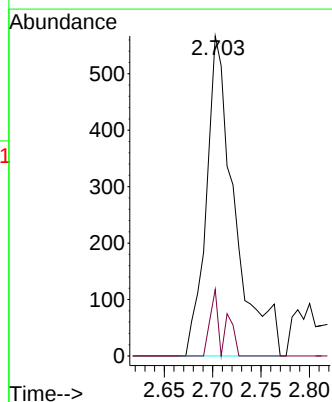
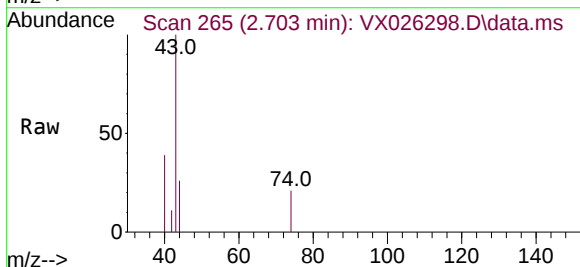
Instrument :
MSVOA_X
ClientSampleId :

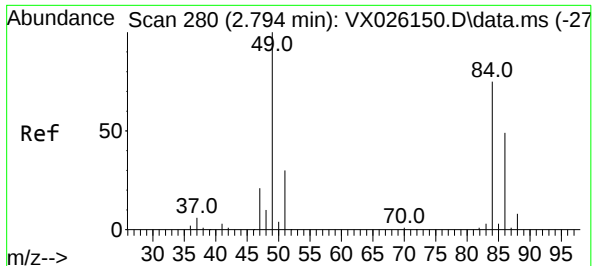
Tgt Ion: 43 Resp: 13761
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2



#18
Methyl Acetate
Concen: 0.298 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
74 9.8 19.1 28.7#





#20

Methylene Chloride

Concen: 3.565 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

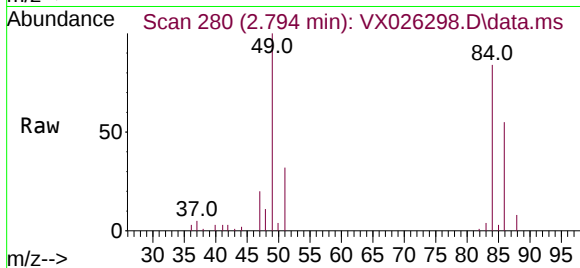
Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 8499

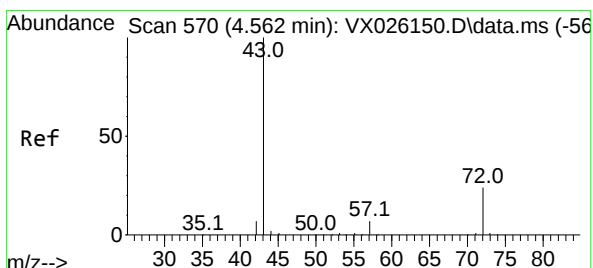
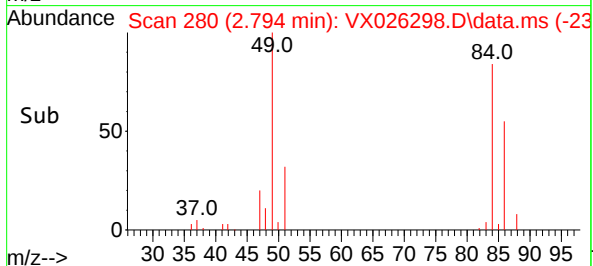
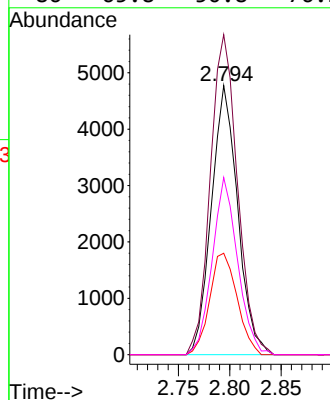
Ion Ratio Lower Upper

84 100

49 118.9 97.1 145.7

51 37.7 29.3 43.9

86 65.8 50.8 76.2



#25

2-Butanone

Concen: 1.507 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX026298.D

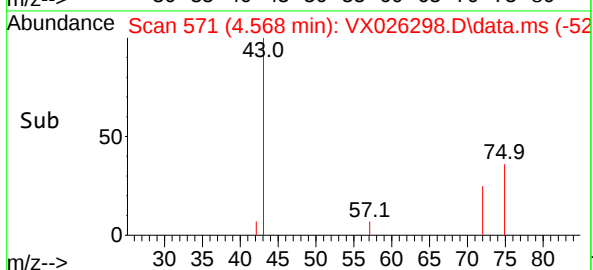
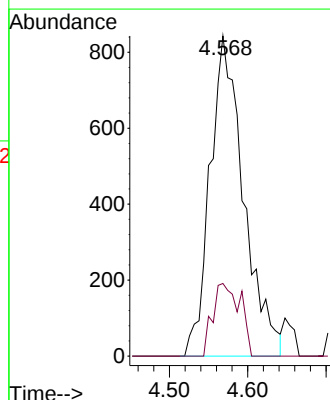
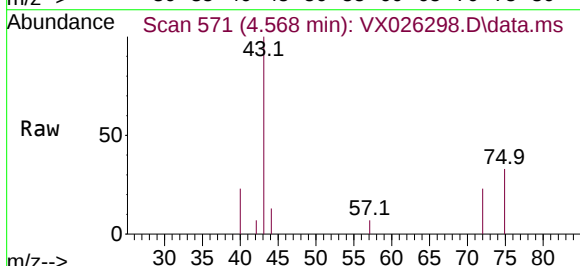
Acq: 05 Jan 2022 02:38

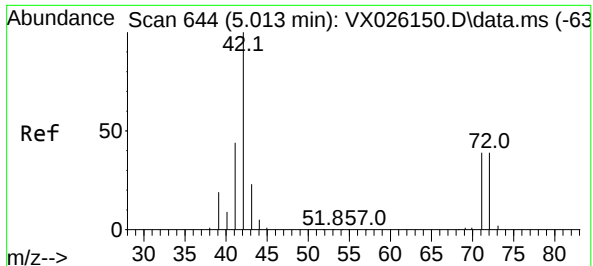
Tgt Ion: 43 Resp: 2512

Ion Ratio Lower Upper

43 100

72 22.7 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.315 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

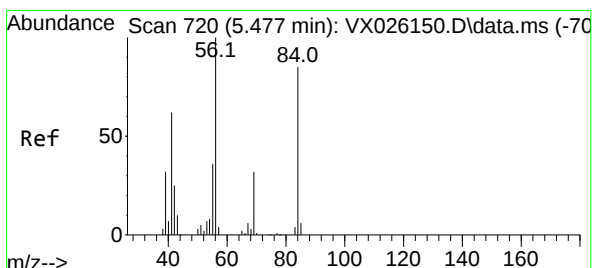
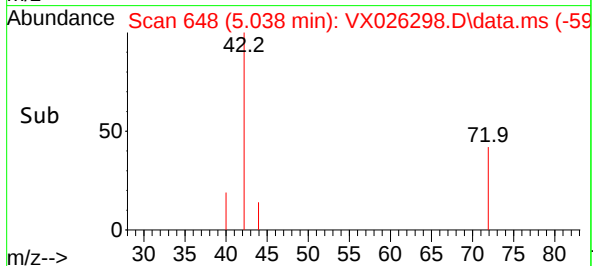
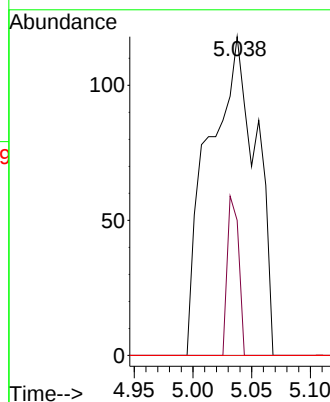
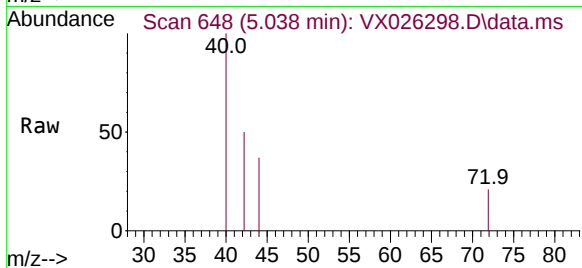
Tgt Ion: 42 Resp: 331

Ion Ratio Lower Upper

42 100

72 12.1 37.0 55.6#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.113 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

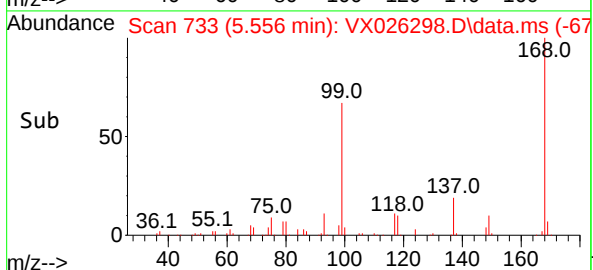
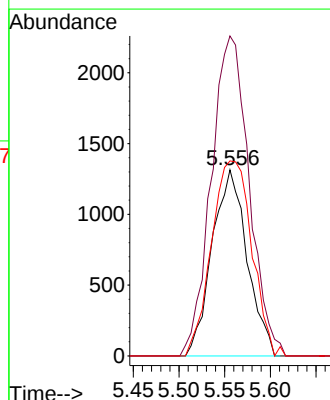
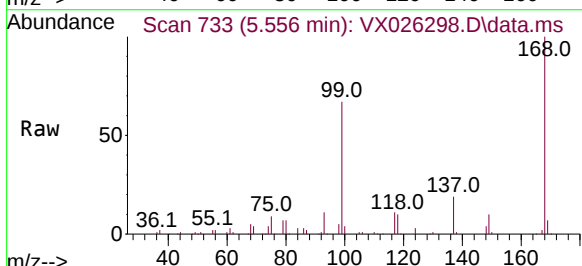
Tgt Ion: 56 Resp: 3501

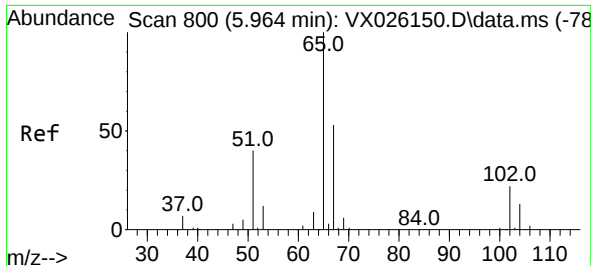
Ion Ratio Lower Upper

56 100

69 172.0 23.9 35.9#

84 104.8 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 52.393 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

Instrument :

MSVOA_X

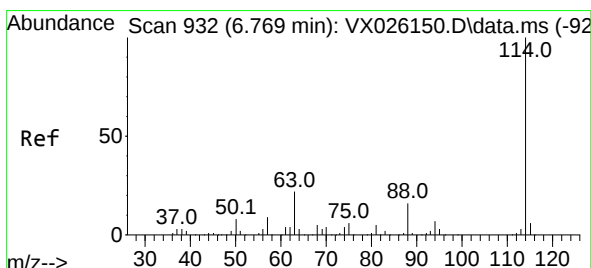
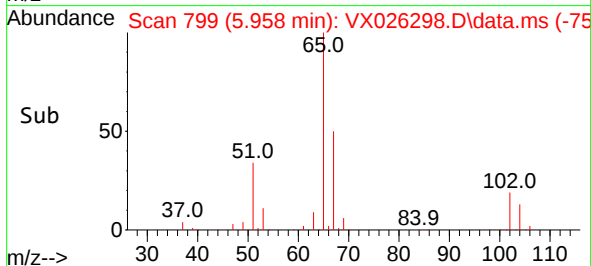
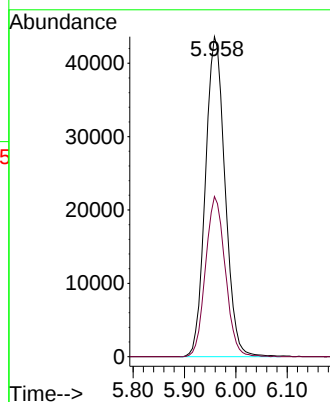
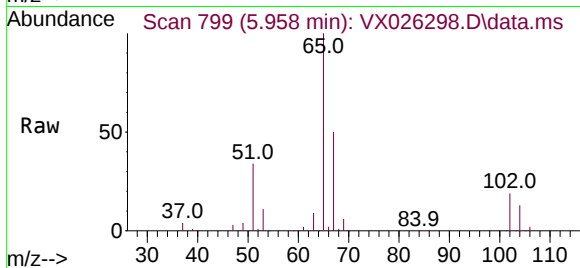
ClientSampleId :

Tgt Ion: 65 Resp: 115704

Ion Ratio Lower Upper

65 100

67 50.3 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: VX026298.D

Acq: 05 Jan 2022 02:38

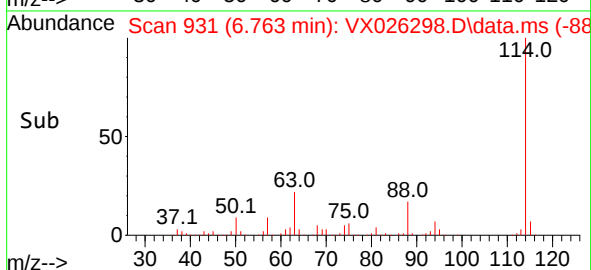
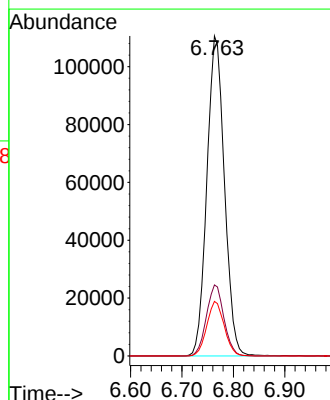
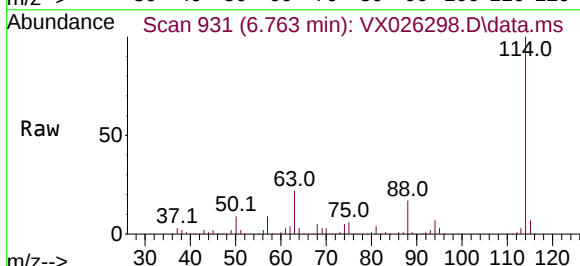
Tgt Ion: 114 Resp: 262201

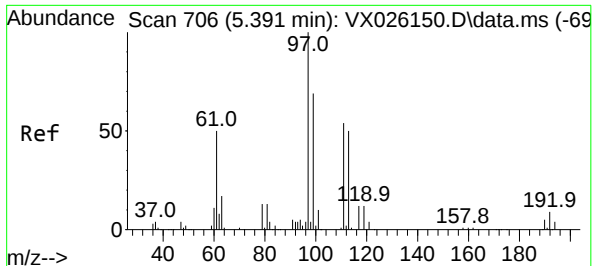
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.240 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

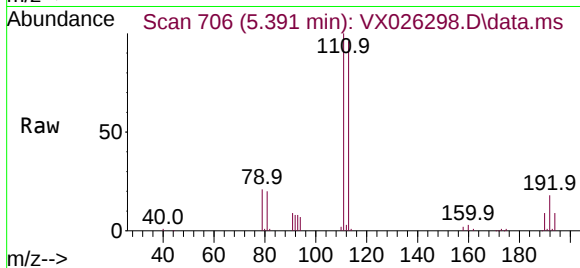
Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :



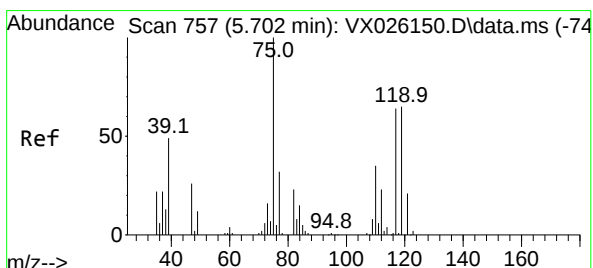
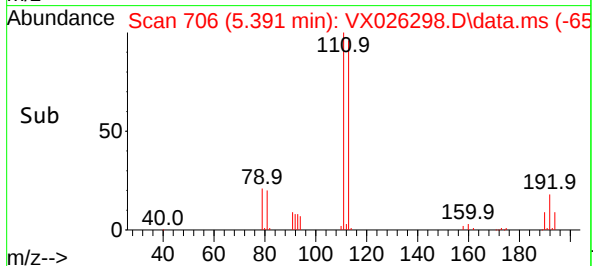
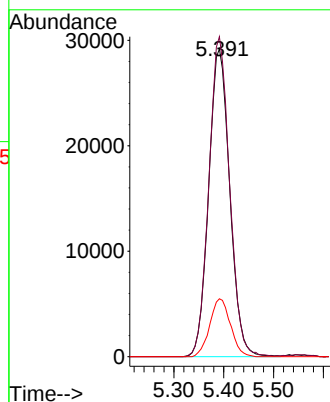
Tgt Ion:113 Resp: 85641

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.714 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

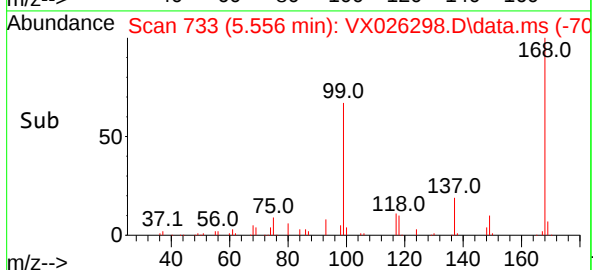
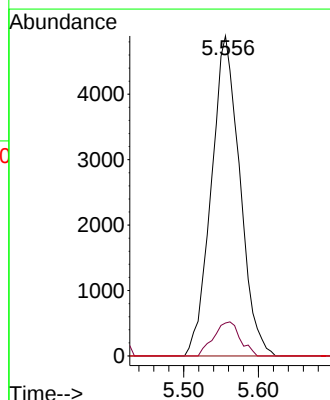
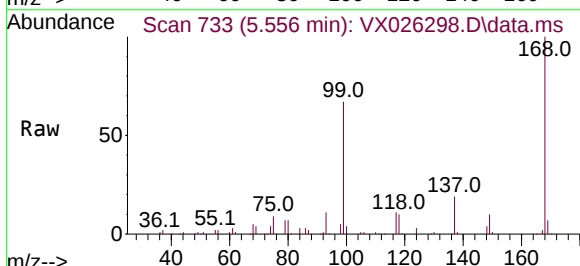
Tgt Ion: 75 Resp: 12962

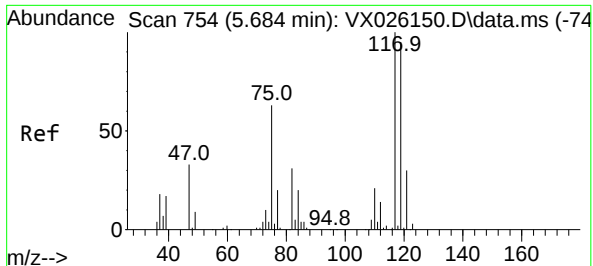
Ion Ratio Lower Upper

75 100

110 9.9 18.2 54.6#

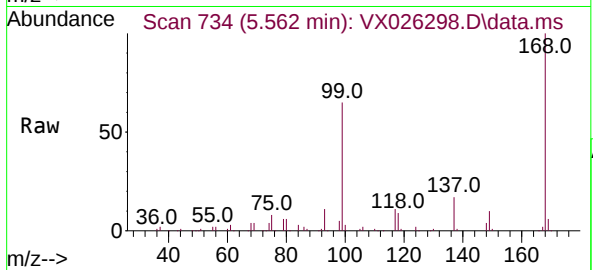
77 0.0 24.7 37.1#



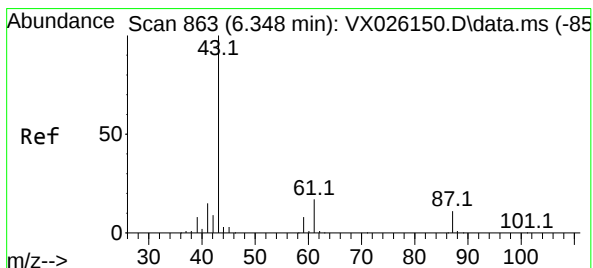
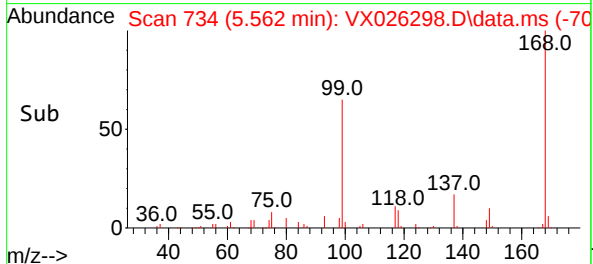
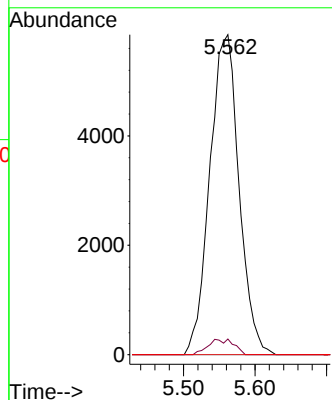


#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :

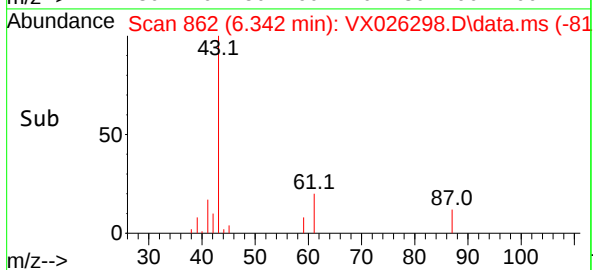
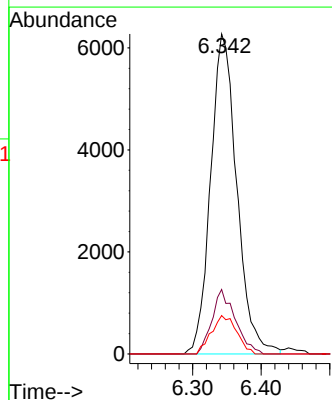
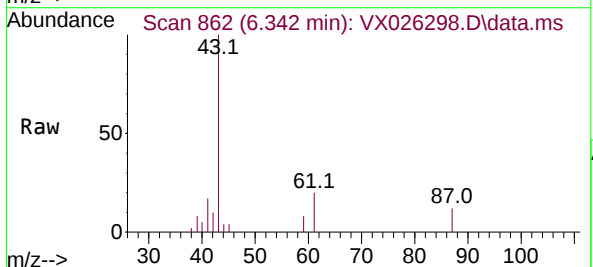


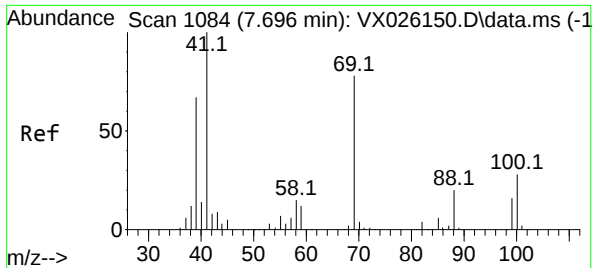
Tgt Ion:117 Resp: 16628
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.206 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

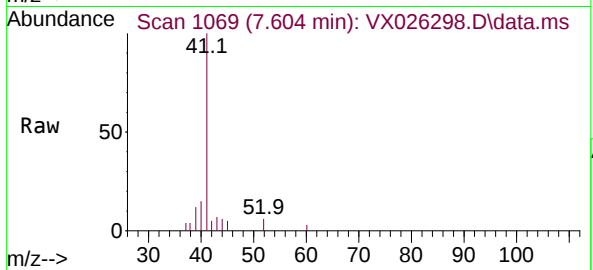
Tgt Ion: 43 Resp: 16657
Ion Ratio Lower Upper
43 100
61 17.9 15.7 23.5
87 11.5 11.2 16.8



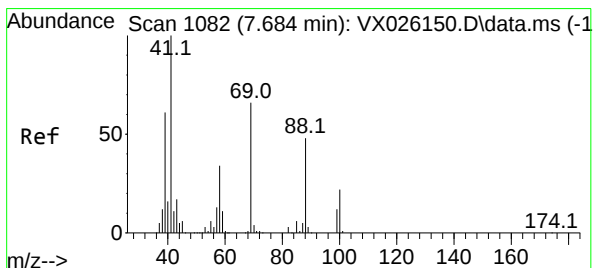
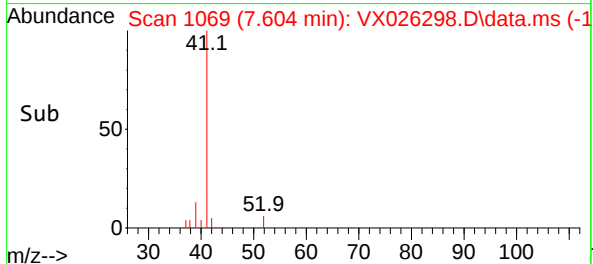
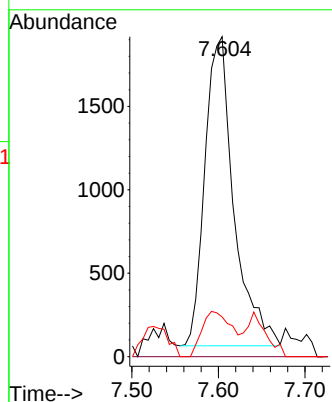


#48
Methyl methacrylate
Concen: 1.730 ug/l
RT: 7.604 min Scan# 1102
Delta R.T. -0.092 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :

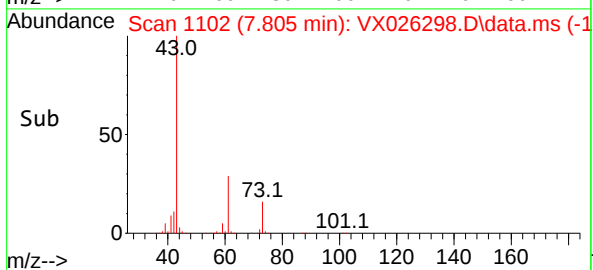
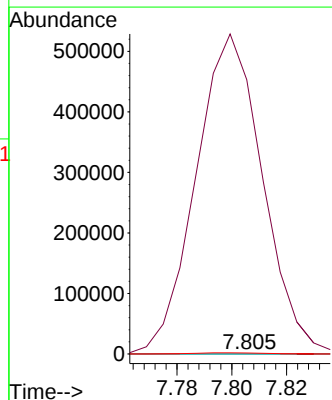
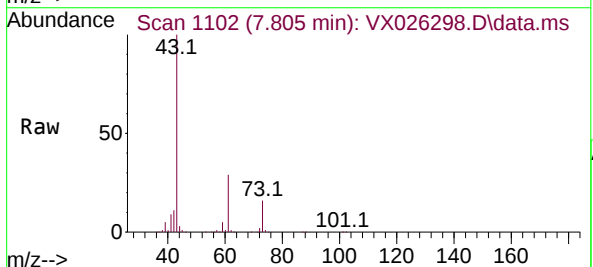


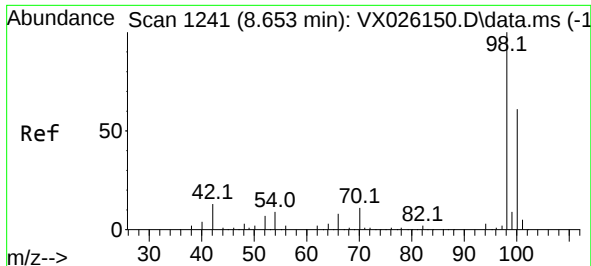
Tgt Ion: 41 Resp: 4312
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 2.221 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.121 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 883842.2 25.3 37.9#
58 3278.4 51.8 77.6#

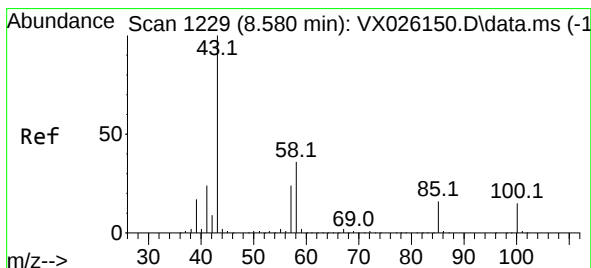
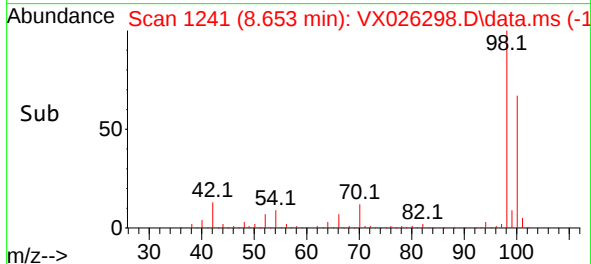
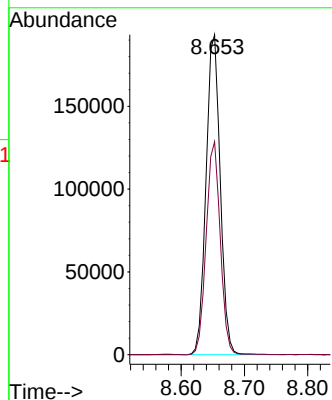
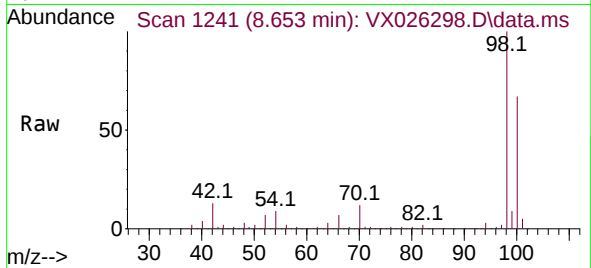




#50
Toluene-d8
Concen: 47.679 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

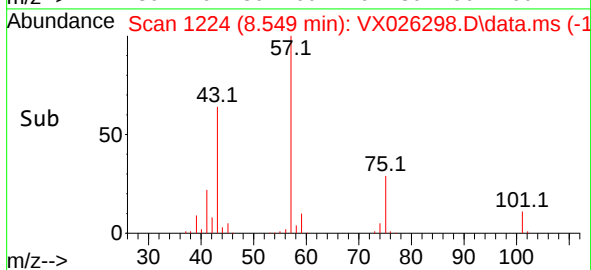
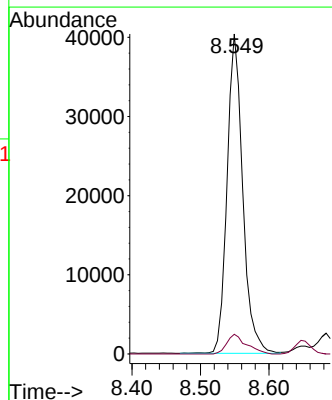
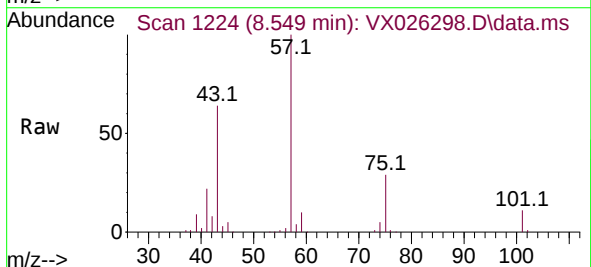
Instrument :
MSVOA_X
ClientSampleId :

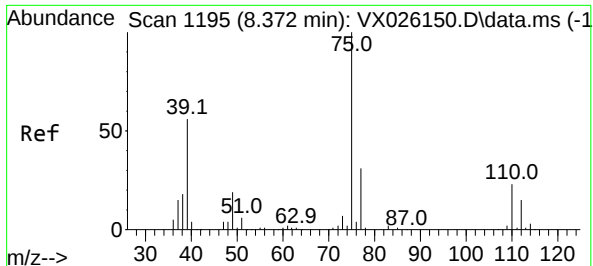
Tgt Ion: 98 Resp: 302315
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.771 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Tgt Ion: 43 Resp: 63927
Ion Ratio Lower Upper
43 100
58 7.7 30.8 46.2#

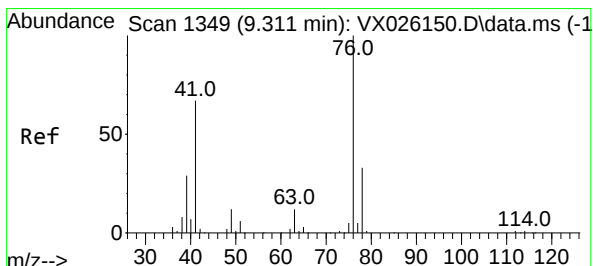
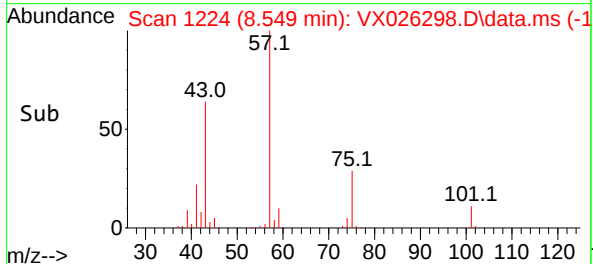
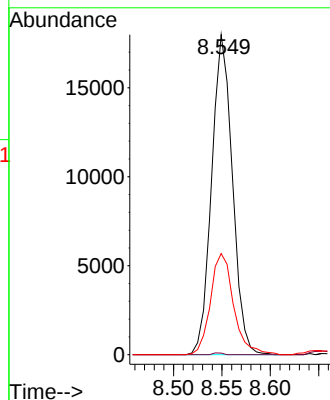
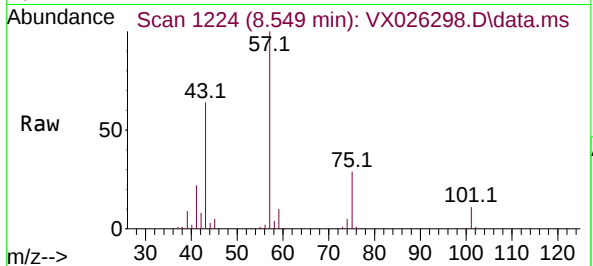




#54
 cis-1,3-Dichloropropene
 Concen: 8.390 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026298.D
 Acq: 05 Jan 2022 02:38

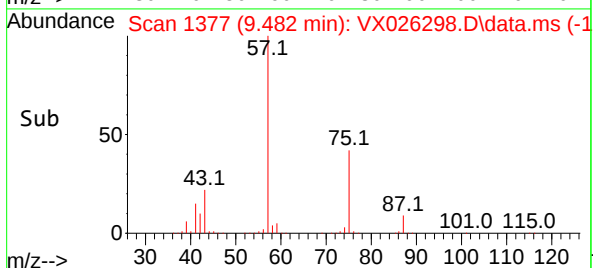
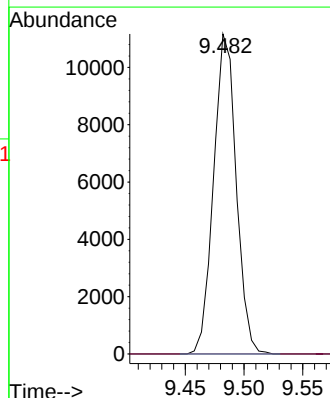
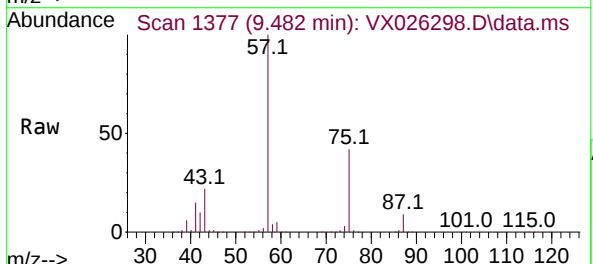
Instrument :
 MSVOA_X
 ClientSampleId :

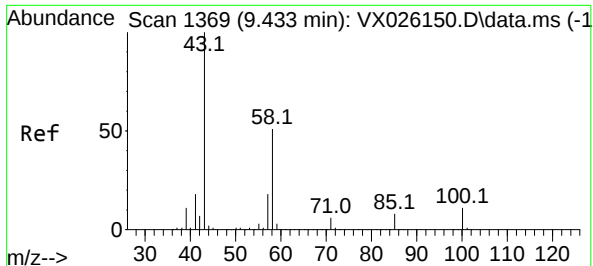
Tgt Ion: 75 Resp: 26860
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 31.6 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.403 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026298.D
 Acq: 05 Jan 2022 02:38

Tgt Ion: 76 Resp: 14973
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 92.448 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

Instrument :

MSVOA_X

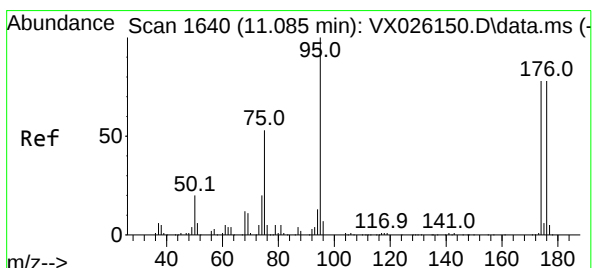
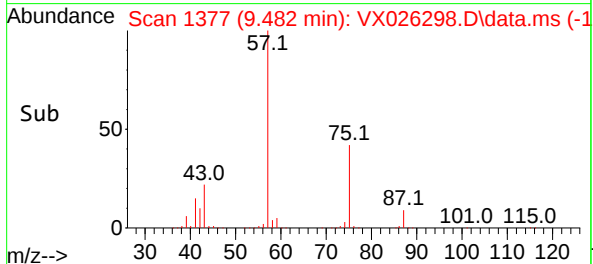
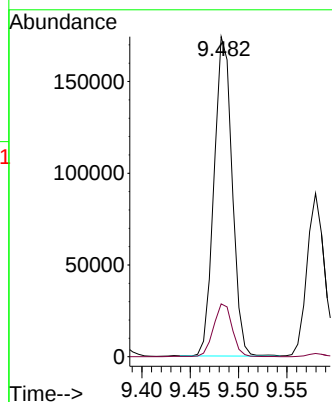
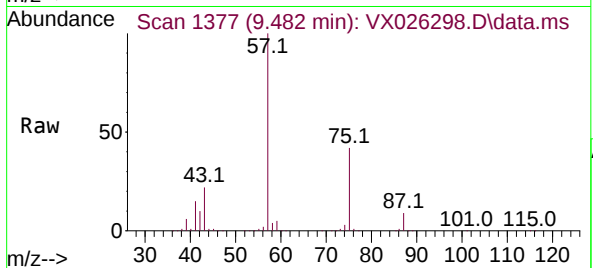
ClientSampleId :

Tgt Ion: 43 Resp: 226422

Ion Ratio Lower Upper

43 100

58 17.2 26.9 80.6#



#62

4-Bromofluorobenzene

Concen: 49.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026298.D

Acq: 05 Jan 2022 02:38

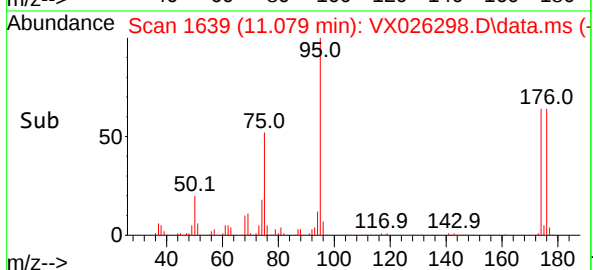
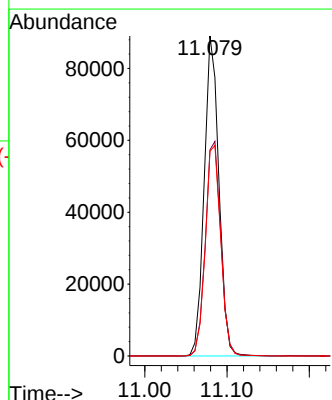
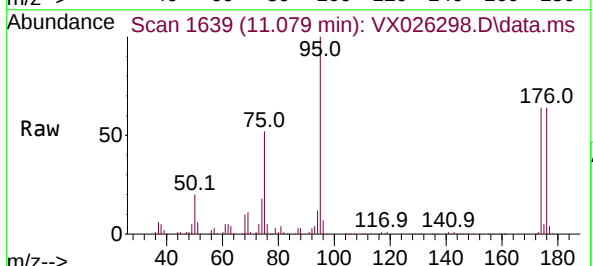
Tgt Ion: 95 Resp: 110815

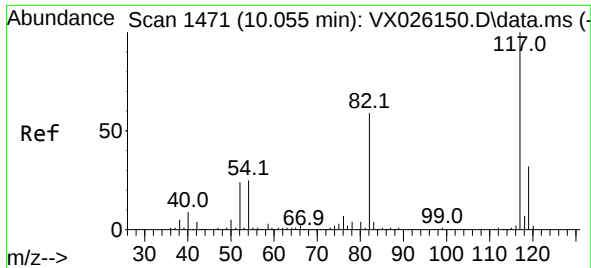
Ion Ratio Lower Upper

95 100

174 70.3 0.0 157.4

176 69.0 0.0 154.6

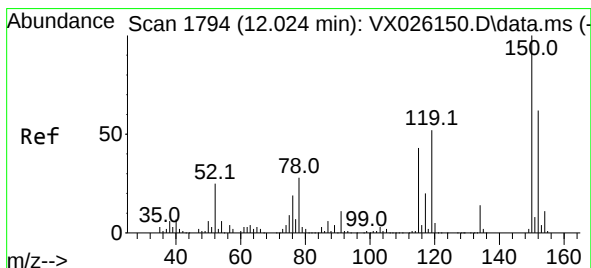
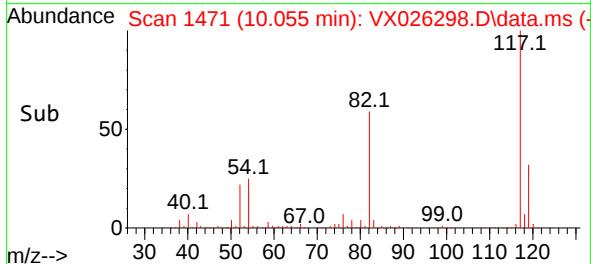
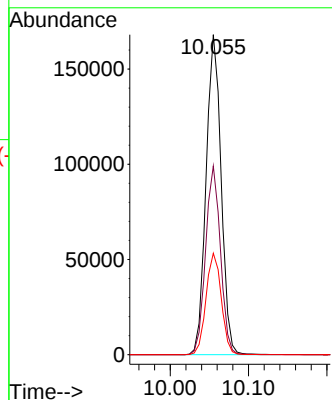
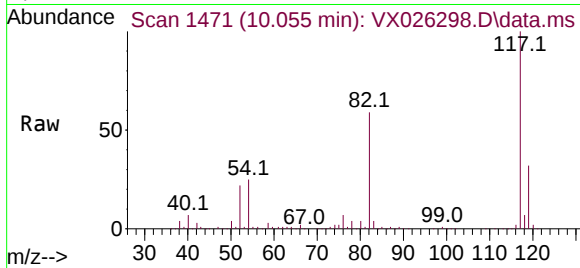




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

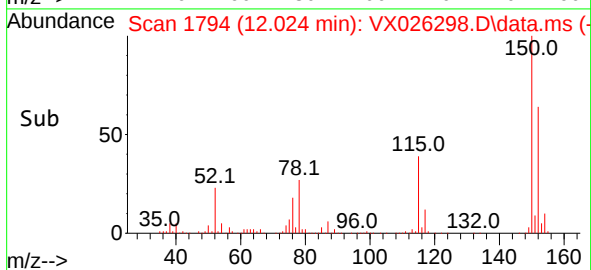
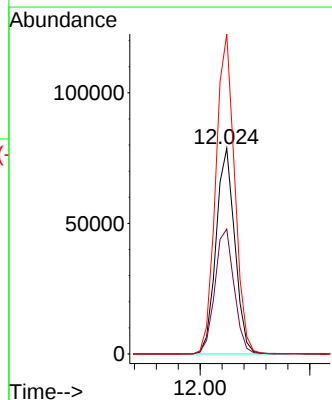
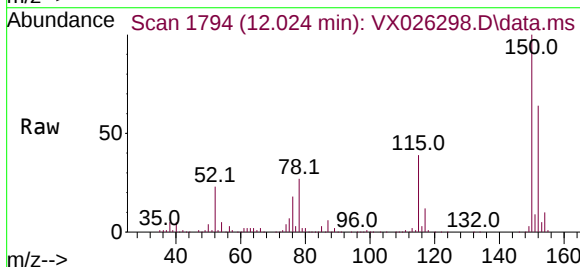
Instrument :
MSVOA_X
ClientSampleId :

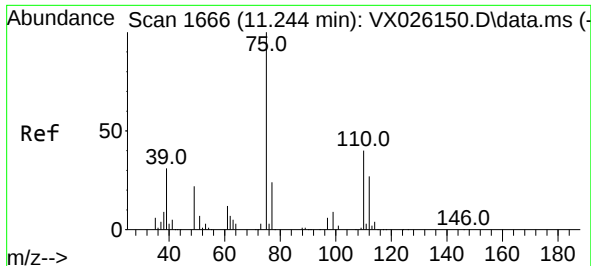
Tgt Ion:117 Resp: 223491
Ion Ratio Lower Upper
117 100
82 59.0 43.8 65.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026298.D
Acq: 05 Jan 2022 02:38

Tgt Ion:152 Resp: 93809
Ion Ratio Lower Upper
152 100
115 62.2 41.3 123.9
150 156.6 0.0 351.8

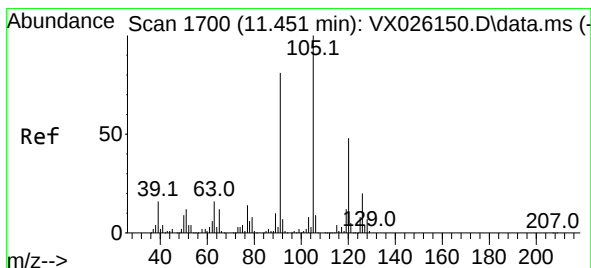
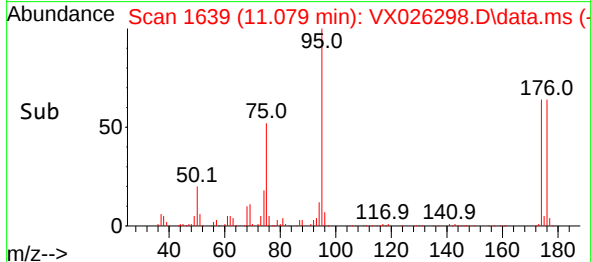
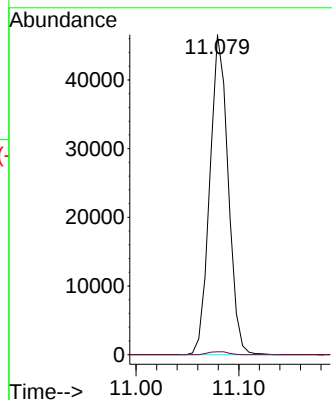
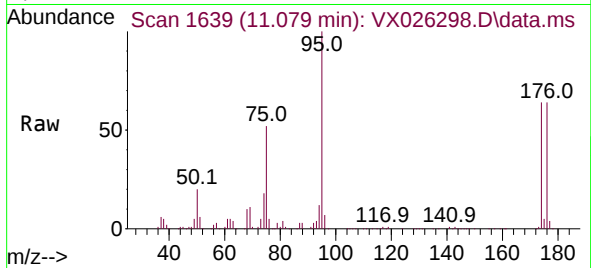




#76
 1,2,3-Trichloropropane
 Concen: 25.472 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026298.D
 Acq: 05 Jan 2022 02:38

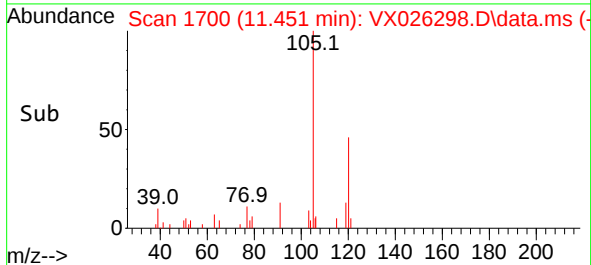
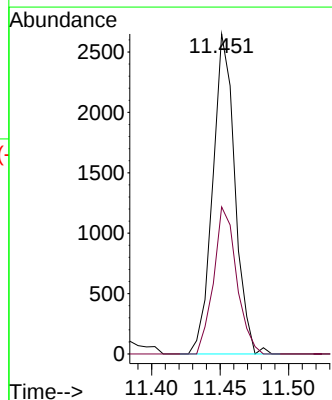
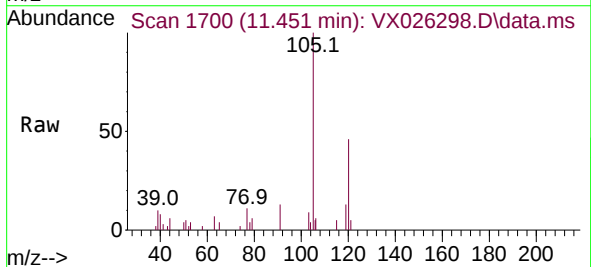
Instrument :
 MSVOA_X
 ClientSampleId :

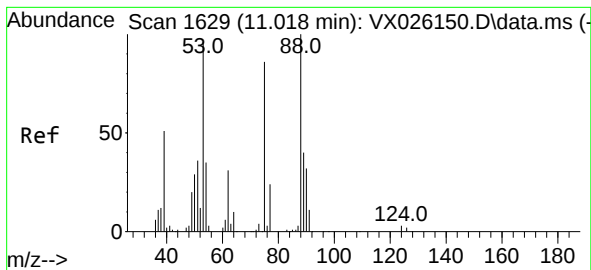
Tgt Ion: 75 Resp: 57677
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.492 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX026298.D
 Acq: 05 Jan 2022 02:38

Tgt Ion: 105 Resp: 2977
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.691 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026298.D
 Acq: 05 Jan 2022 02:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 57677
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

