

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026300.D
 Acq On : 05 Jan 2022 03:24
 Operator : JC/MD
 Sample : PB141821ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:43:38 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)

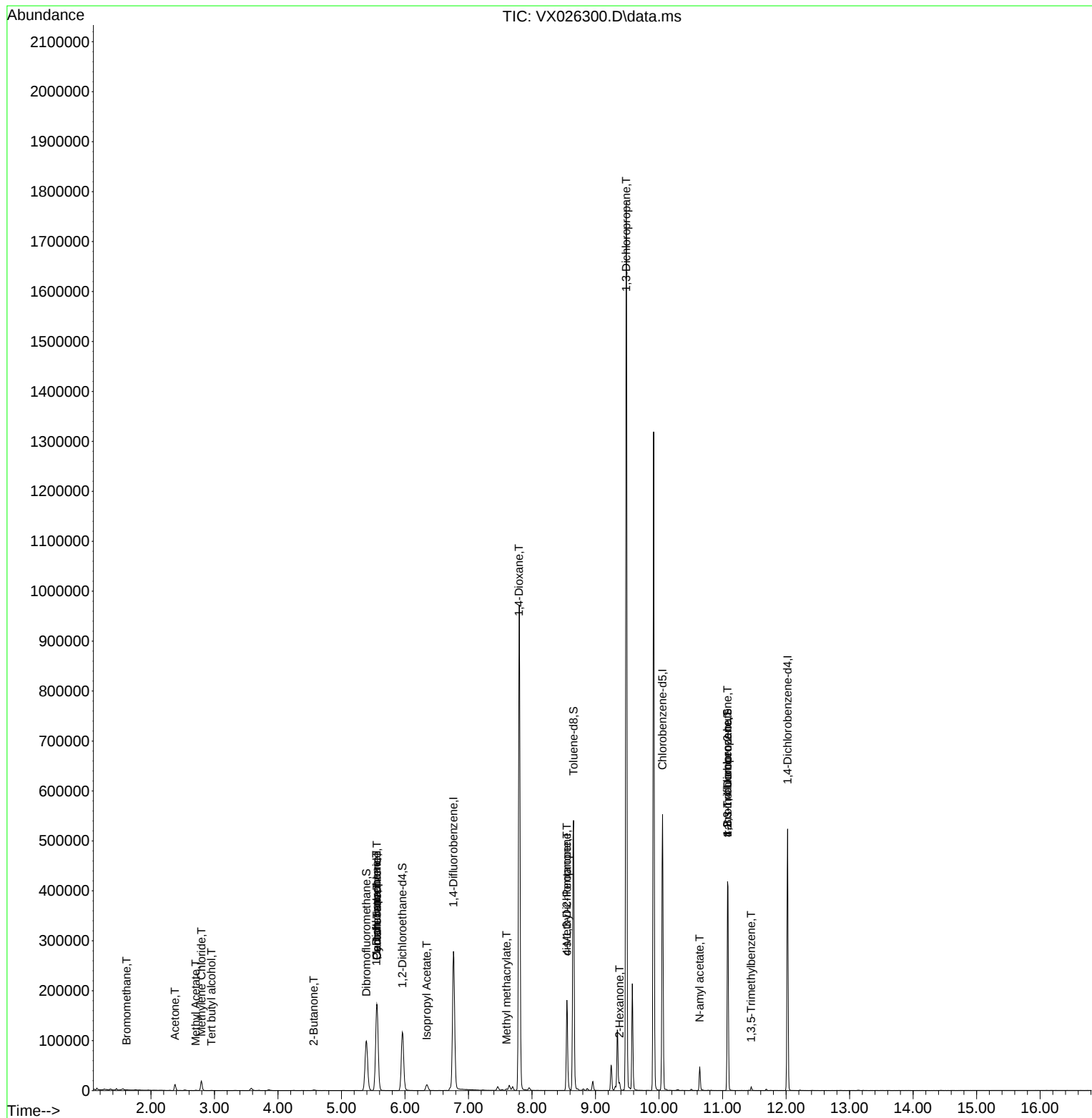
Internal Standards						
1) Pentafluorobenzene	5.556	168	155609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119800	53.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.440%
35) Dibromofluoromethane	5.391	113	88119	50.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.520%
50) Toluene-d8	8.653	98	315467	48.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.079	95	115854	49.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.820%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	256	0.207	ug/l	99
11) Tert butyl alcohol	2.953	59	314	0.698	ug/l #	73
16) Acetone	2.379	43	13438	11.017	ug/l	94
18) Methyl Acetate	2.703	43	1005	0.254	ug/l #	80
20) Methylene Chloride	2.794	84	8043	3.240	ug/l	92
25) 2-Butanone	4.562	43	2427	1.428	ug/l	94
31) Cyclohexane	5.556	56	3898	1.216	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	13432	4.750	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16784	5.336	ug/l #	15
43) Isopropyl Acetate	6.342	43	16705	3.126	ug/l	98
48) Methyl methacrylate	7.598	41	4815	1.879	ug/l #	12
49) 1,4-Dioxane	7.793	88	132	2.795	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	64086	19.272	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	27261	8.280	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	15227	4.353	ug/l #	43
59) 2-Hexanone	9.378	43	8167	3.242	ug/l #	25
74) N-amyl acetate	10.640	43	12253	3.465	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	61781	25.837	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	3134	0.490	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	61781	74.748	ug/l #	10

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

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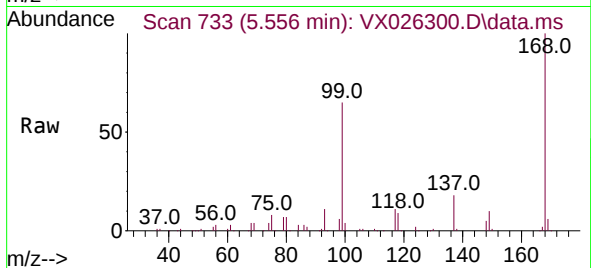
Quant Time: Jan 05 06:43:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
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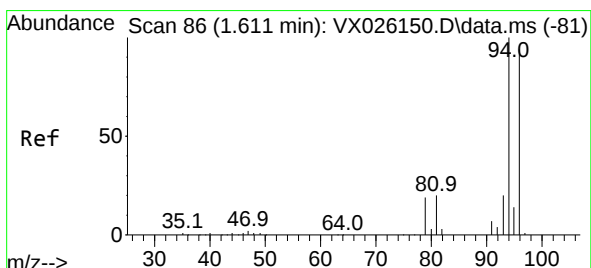
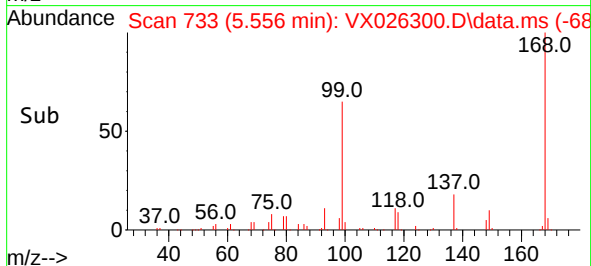
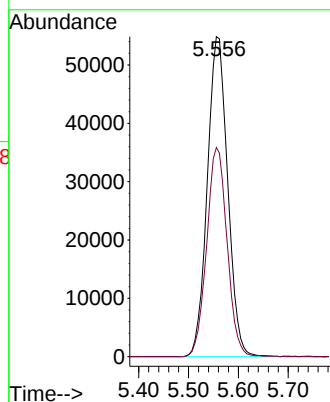


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Instrument :
MSVOA_X
ClientSampleId :

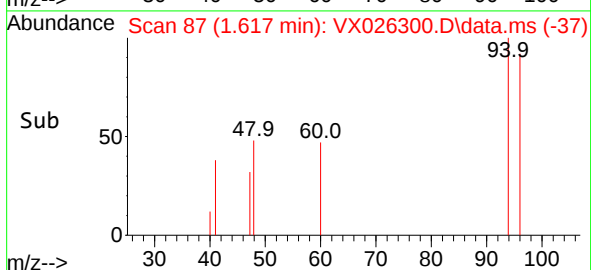
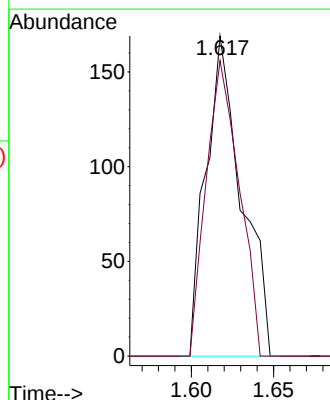
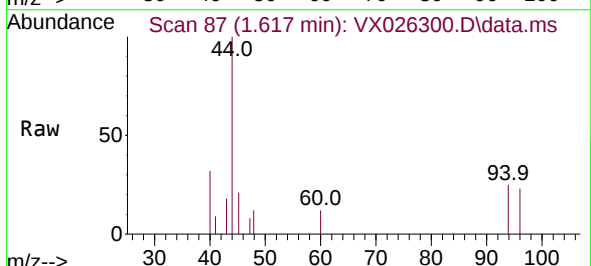


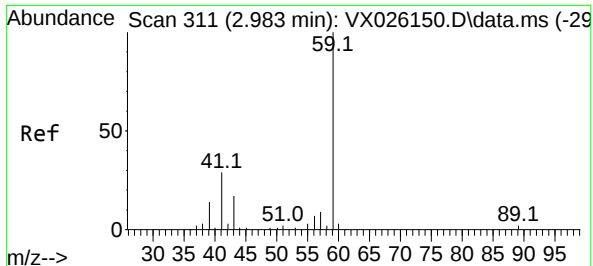
Tgt Ion:168 Resp: 155609
Ion Ratio Lower Upper
168 100
99 65.4 45.8 68.8



#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 92.3 75.0 112.4





#11

Tert butyl alcohol

Concen: 0.698 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

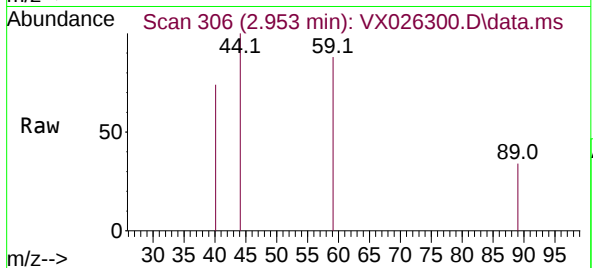
Lab File: VX026300.D

Acq: 05 Jan 2022 03:24

Instrument :

MSVOA_X

ClientSampleId :

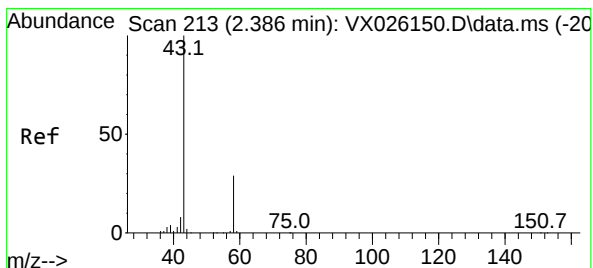
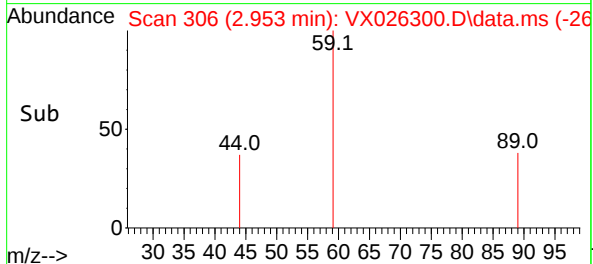
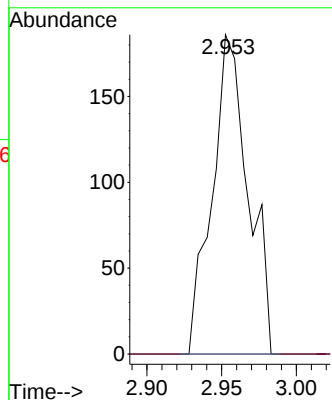


Tgt Ion: 59 Resp: 314

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 11.017 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.007 min

Lab File: VX026300.D

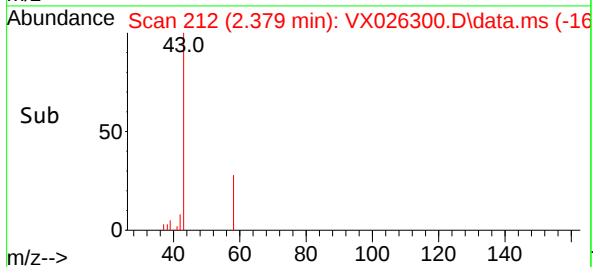
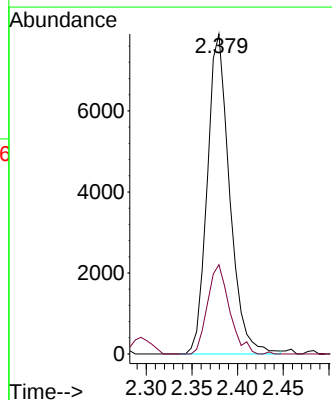
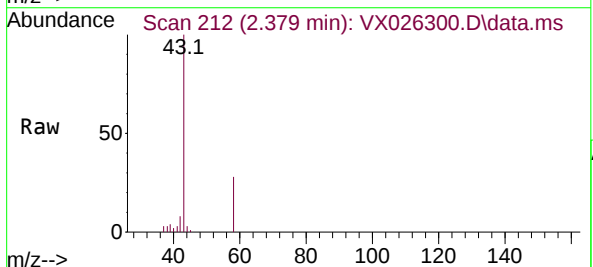
Acq: 05 Jan 2022 03:24

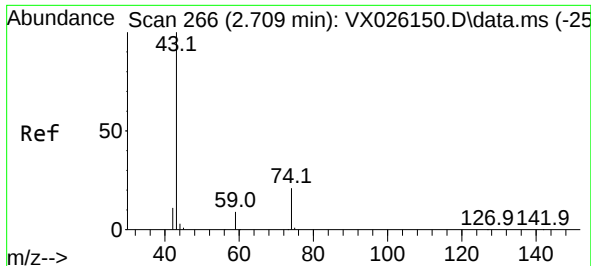
Tgt Ion: 43 Resp: 13438

Ion Ratio Lower Upper

43 100

58 27.9 24.8 37.2

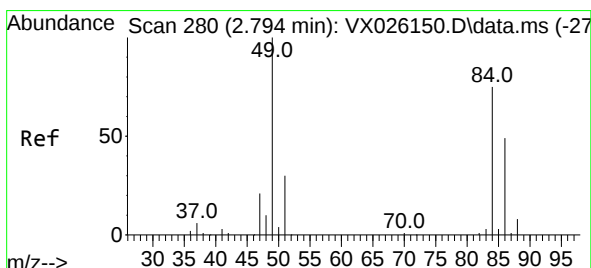
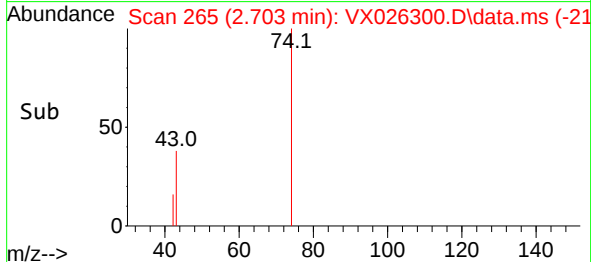
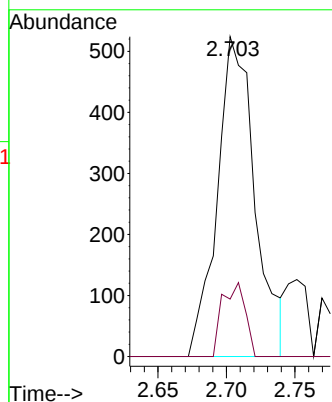
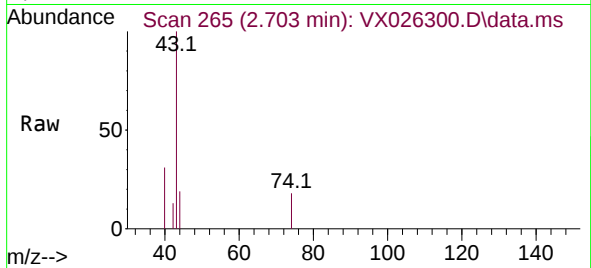




#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

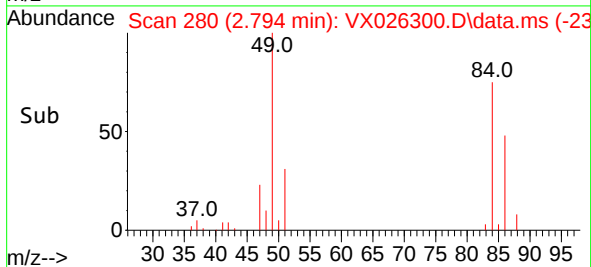
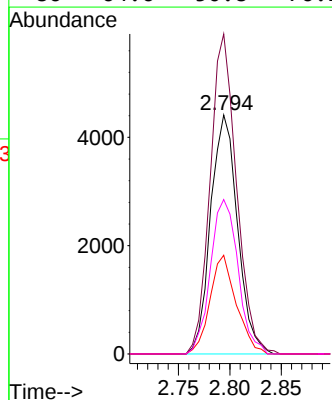
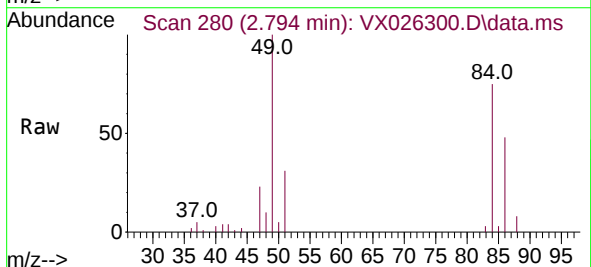
Instrument :
MSVOA_X
ClientSampleId :

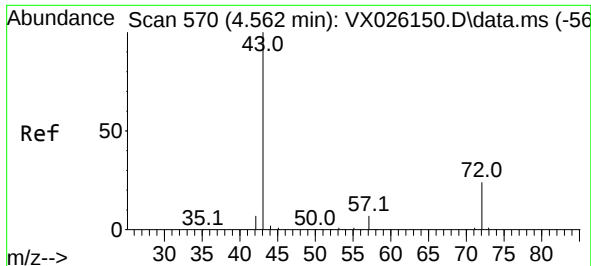
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
74 13.9 19.1 28.7#



#20
Methylene Chloride
Concen: 3.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Tgt Ion: 84 Resp: 8043
Ion Ratio Lower Upper
84 100
49 133.9 97.1 145.7
51 41.3 29.3 43.9
86 64.6 50.8 76.2

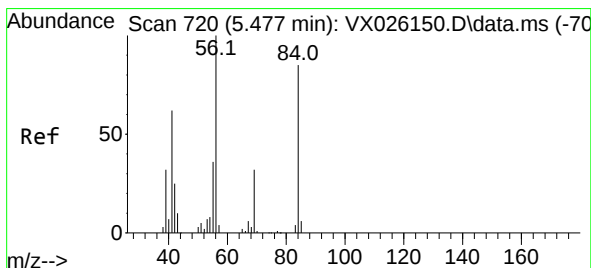
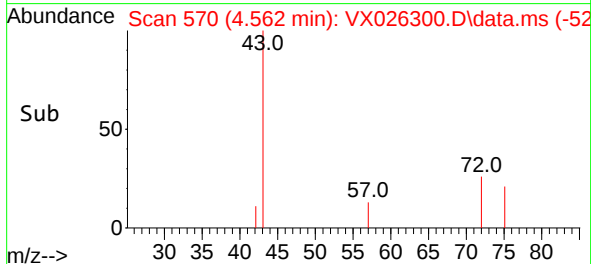
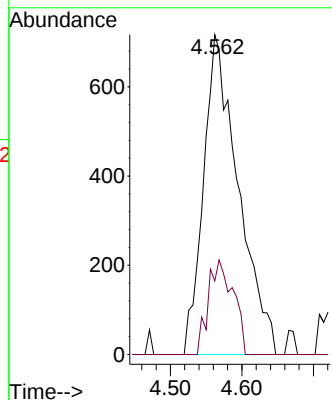
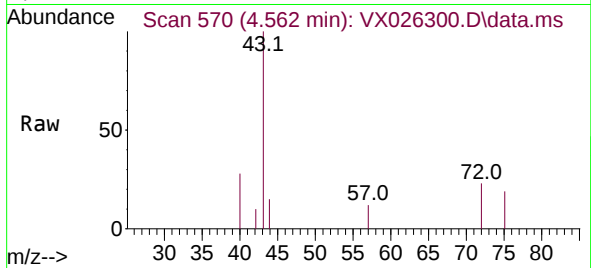




#25
2-Butanone
Concen: 1.428 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

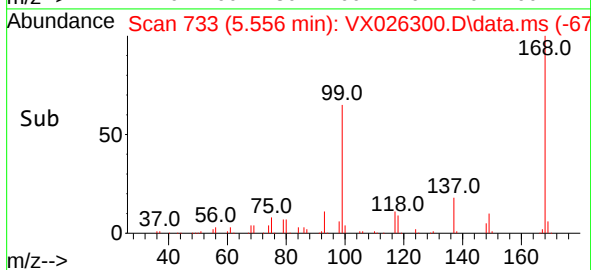
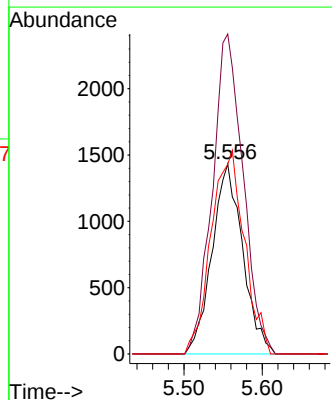
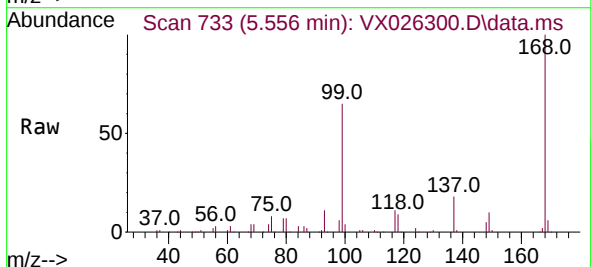
Instrument :
MSVOA_X
ClientSampleId :

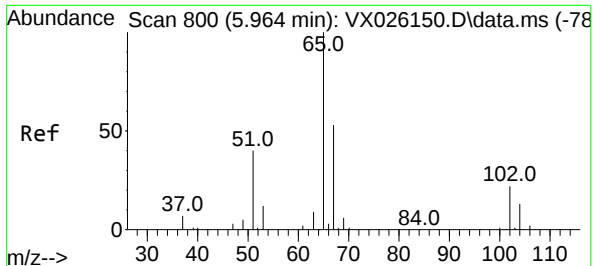
Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
72 23.0 21.0 31.4



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Tgt Ion: 56 Resp: 3898
Ion Ratio Lower Upper
56 100
69 168.5 23.9 35.9#
84 99.8 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 53.216 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026300.D

Acq: 05 Jan 2022 03:24

Instrument :

MSVOA_X

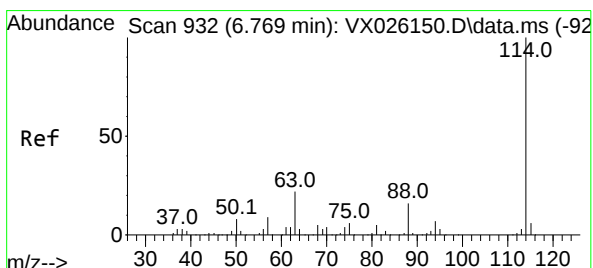
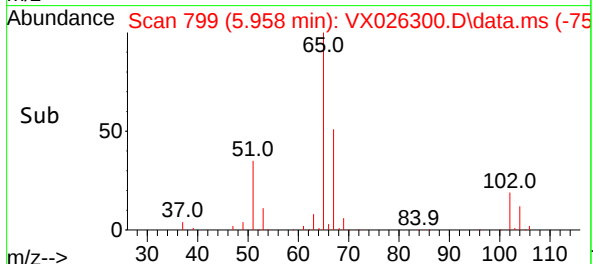
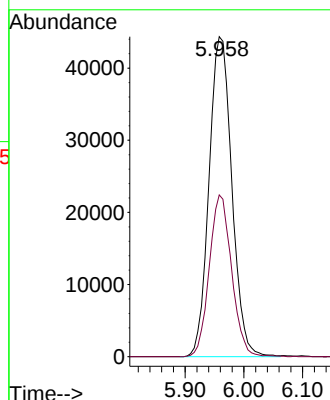
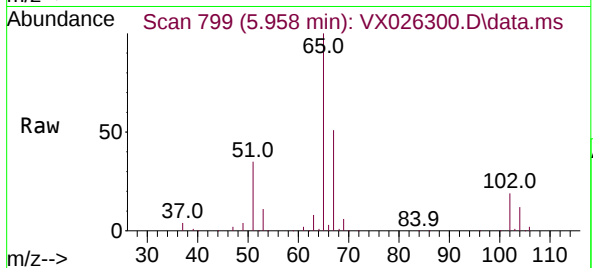
ClientSampleId :

Tgt Ion: 65 Resp: 119800

Ion Ratio Lower Upper

65 100

67 49.4 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: VX026300.D

Acq: 05 Jan 2022 03:24

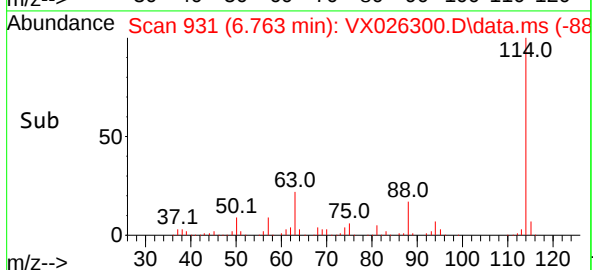
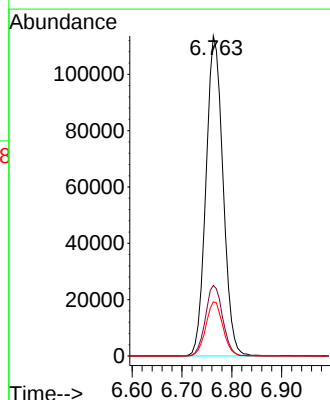
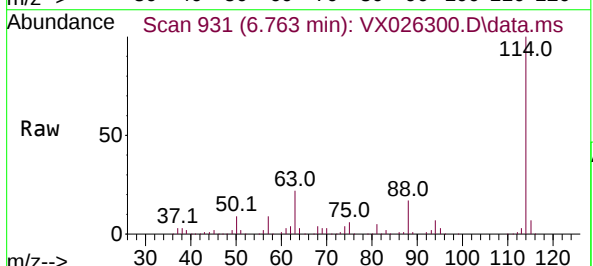
Tgt Ion: 114 Resp: 269669

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.262 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

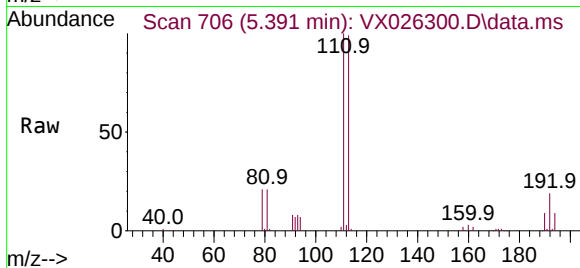
Lab File: VX026300.D

Acq: 05 Jan 2022 03:24

Instrument :

MSVOA_X

ClientSampleId :



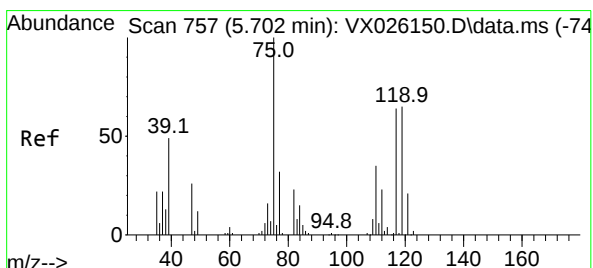
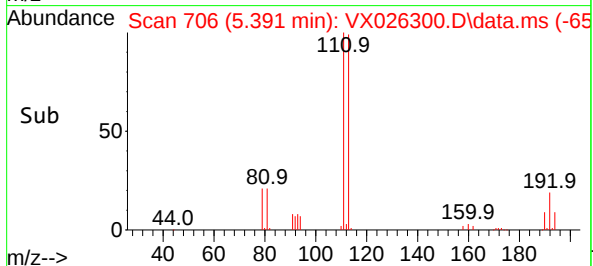
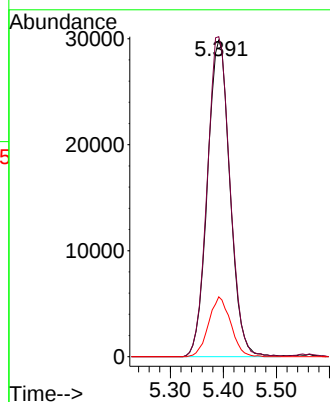
Tgt Ion:113 Resp: 88119

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.750 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX026300.D

Acq: 05 Jan 2022 03:24

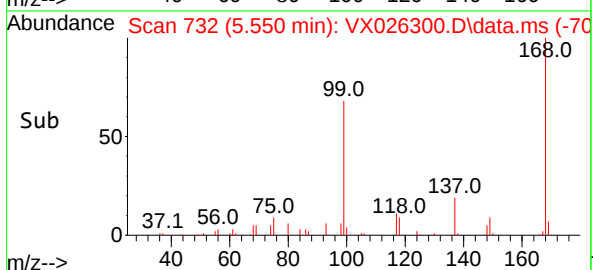
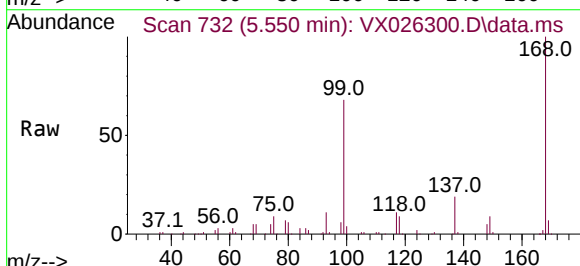
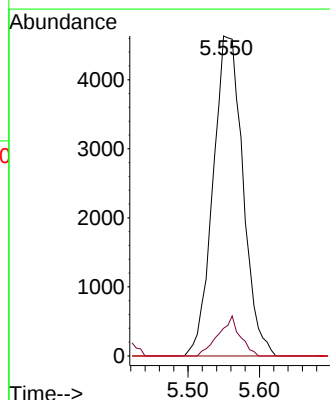
Tgt Ion: 75 Resp: 13432

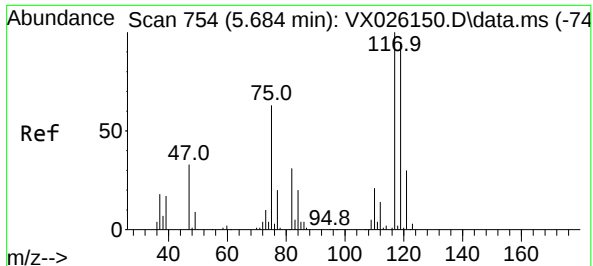
Ion Ratio Lower Upper

75 100

110 9.0 18.2 54.6#

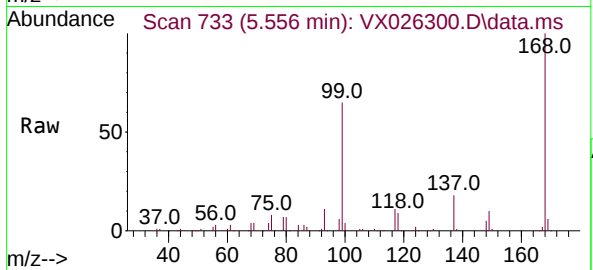
77 0.0 24.7 37.1#



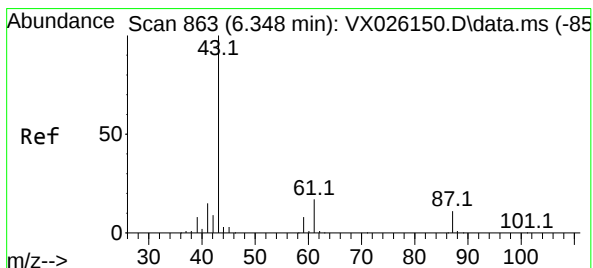
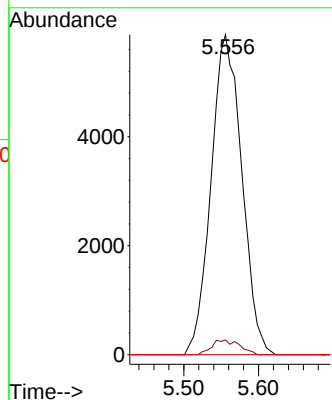
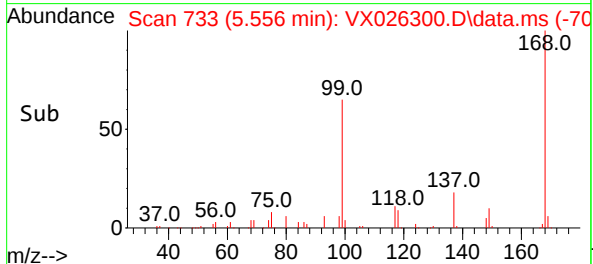


#38
Carbon Tetrachloride
Concen: 5.336 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Instrument :
MSVOA_X
ClientSampleId :

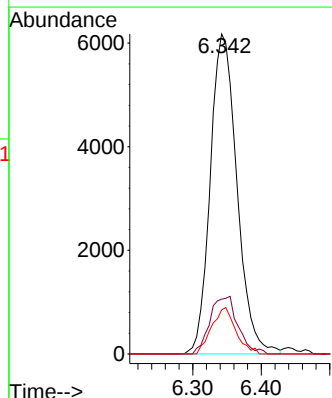
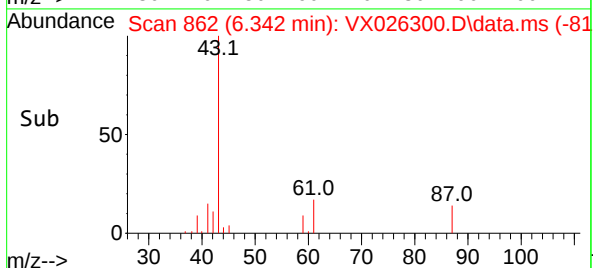
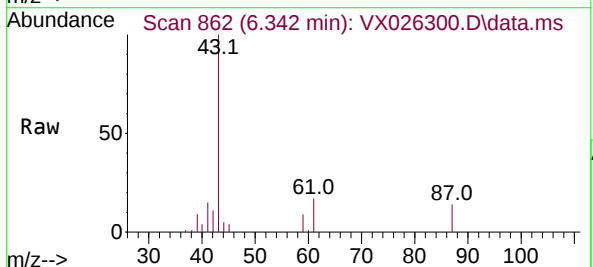


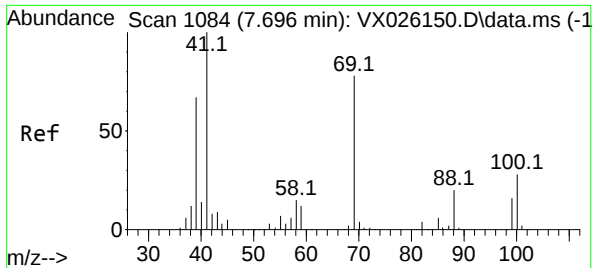
Tgt Ion:117 Resp: 16784
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.126 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

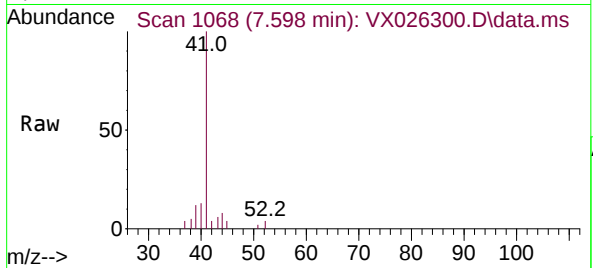
Tgt Ion: 43 Resp: 16705
Ion Ratio Lower Upper
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61 18.7 15.7 23.5
87 13.1 11.2 16.8



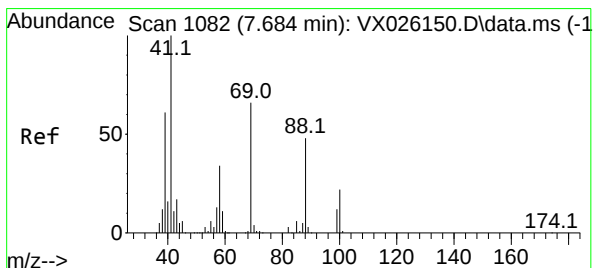
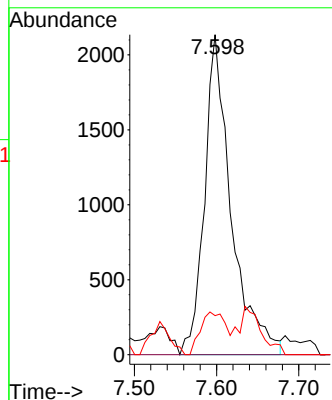
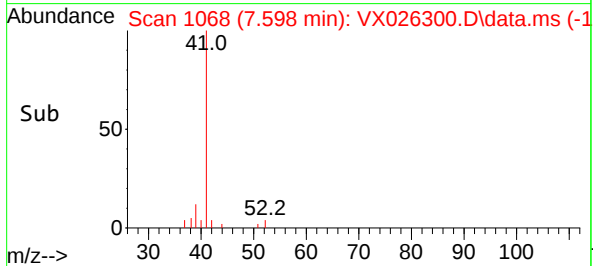


#48
Methyl methacrylate
Concen: 1.879 ug/l
RT: 7.598 min Scan# 1100
Delta R.T. -0.098 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

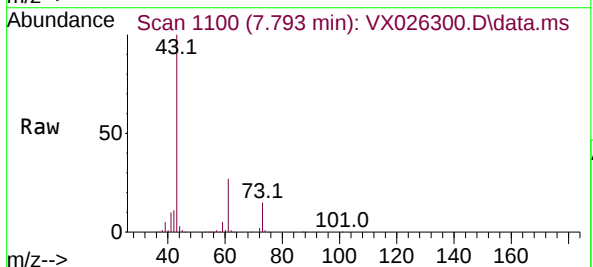
Instrument :
MSVOA_X
ClientSampleId :



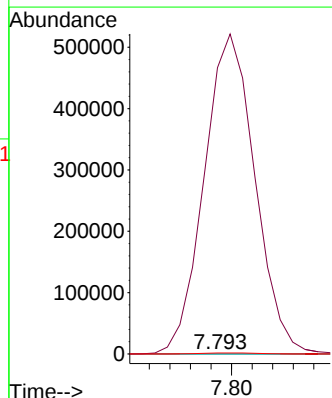
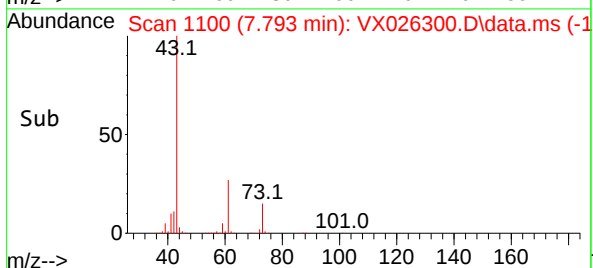
Tgt Ion: 41 Resp: 4815
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#

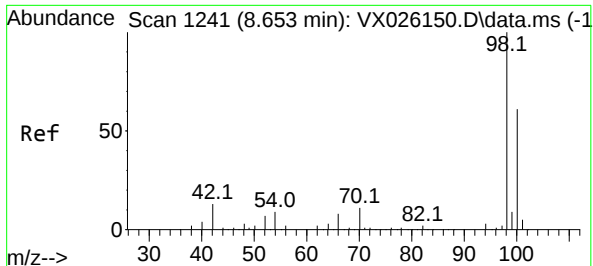


#49
1,4-Dioxane
Concen: 2.795 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24



Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 683059.8 25.3 37.9#
58 2388.6 51.8 77.6#

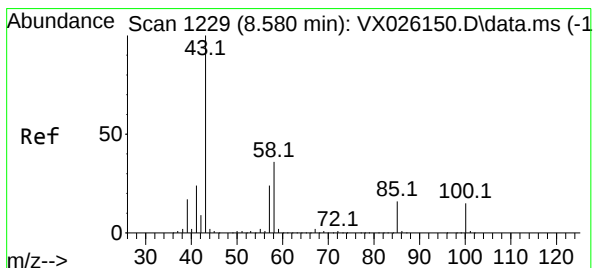
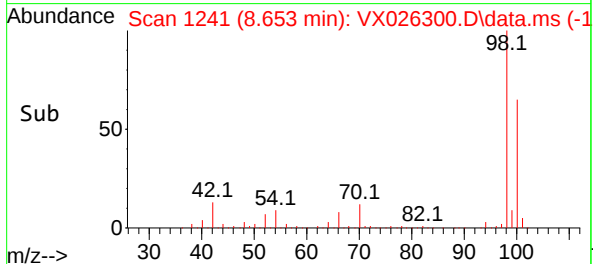
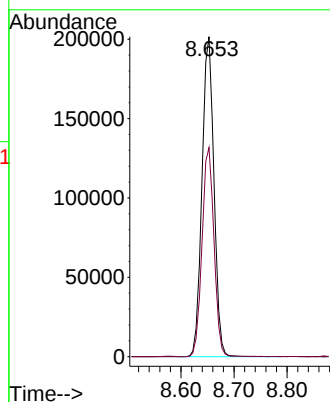
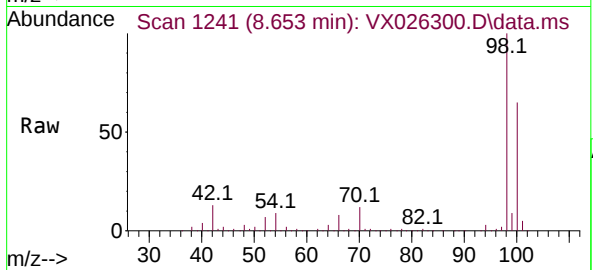




#50
Toluene-d8
Concen: 48.375 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

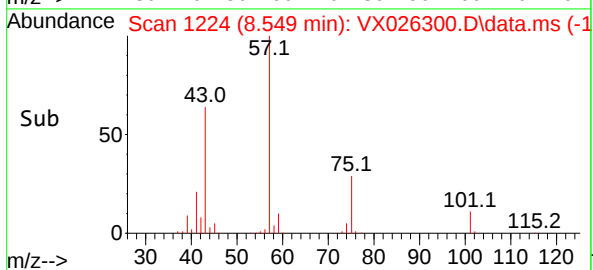
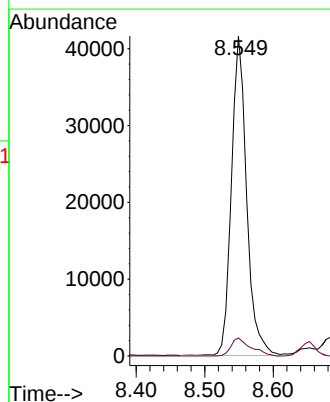
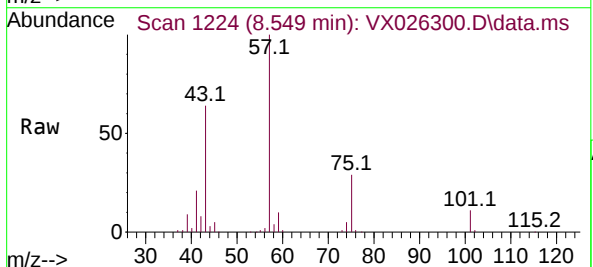
Instrument :
MSVOA_X
ClientSampleId :

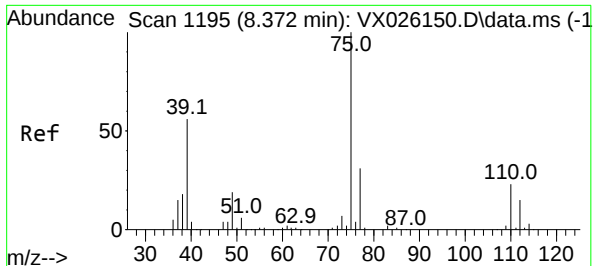
Tgt Ion: 98 Resp: 315467
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.272 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Tgt Ion: 43 Resp: 64086
Ion Ratio Lower Upper
43 100
58 7.3 30.8 46.2#

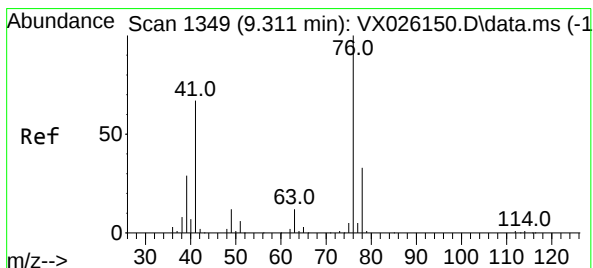
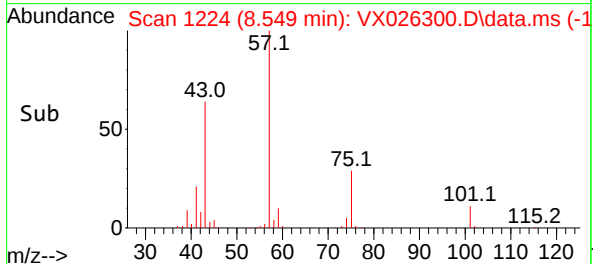
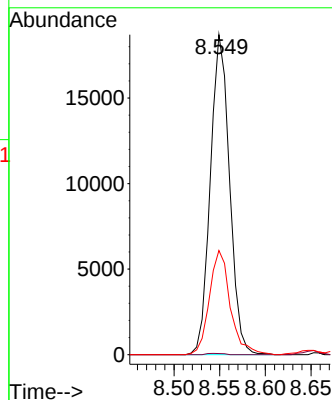
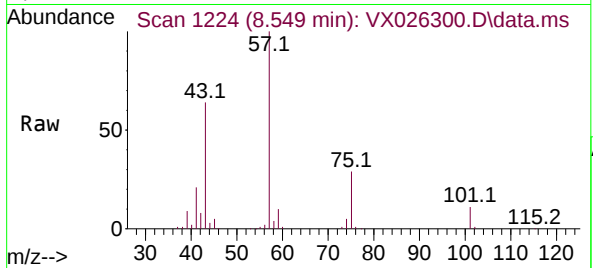




#54
 cis-1,3-Dichloropropene
 Concen: 8.280 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026300.D
 Acq: 05 Jan 2022 03:24

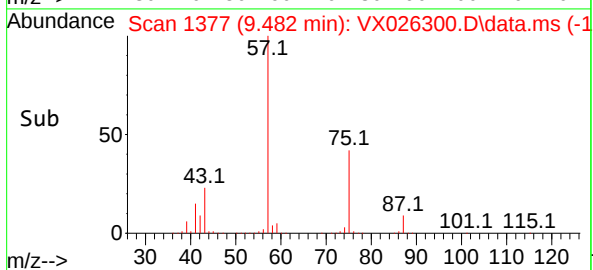
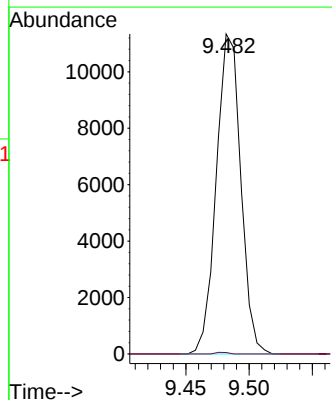
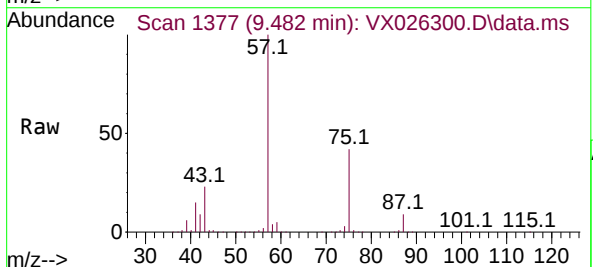
Instrument :
 MSVOA_X
 ClientSampleId :

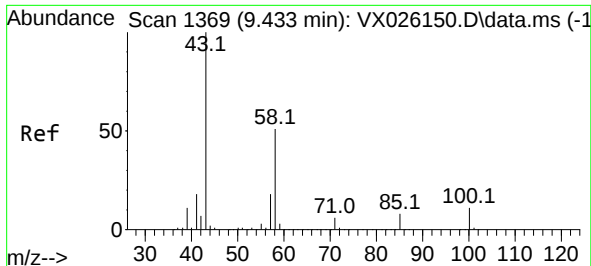
Tgt Ion: 75 Resp: 27261
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 32.5 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.353 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026300.D
 Acq: 05 Jan 2022 03:24

Tgt Ion: 76 Resp: 15227
 Ion Ratio Lower Upper
 76 100
 78 0.3 26.0 39.0#

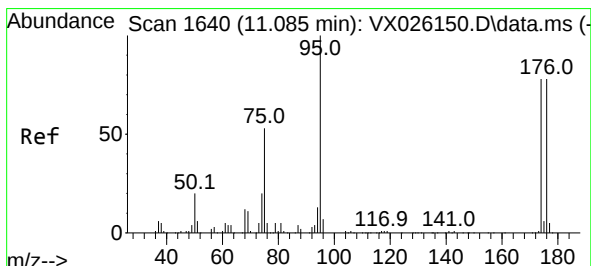
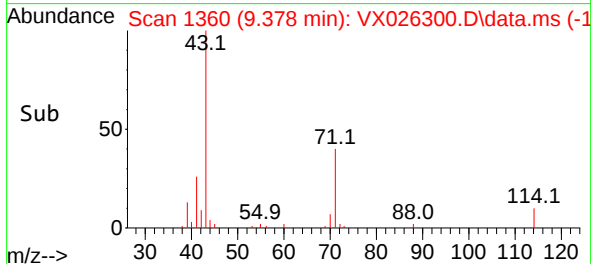
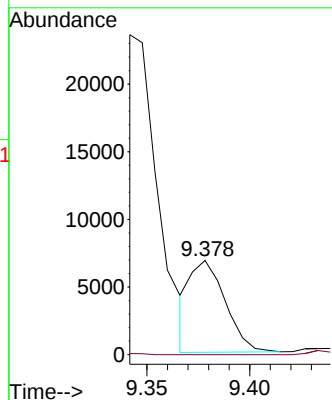
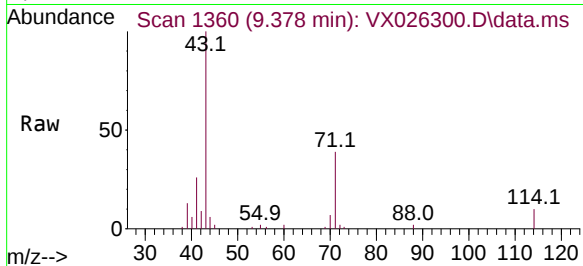




#59
2-Hexanone
Concen: 3.242 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

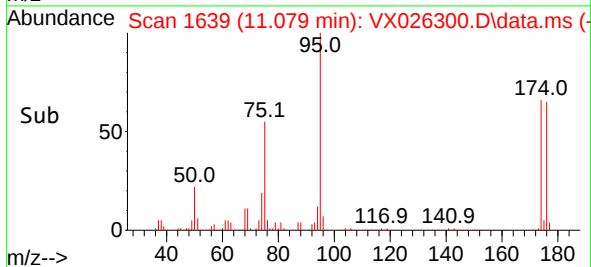
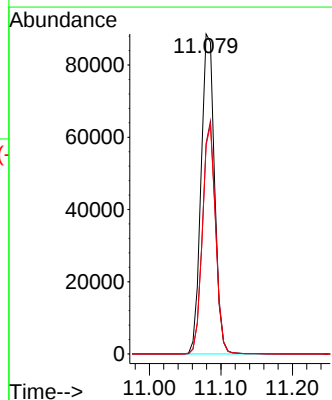
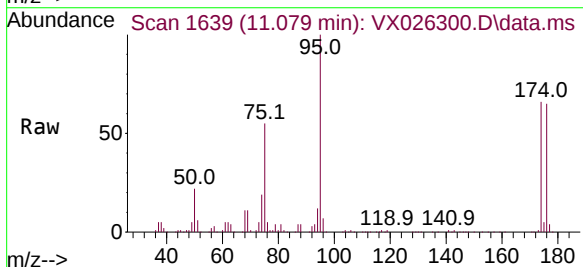
Instrument :
MSVOA_X
ClientSampleId :

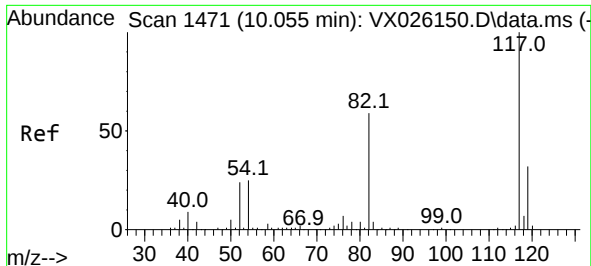
Tgt Ion: 43 Resp: 8167
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 49.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Tgt Ion: 95 Resp: 115854
Ion Ratio Lower Upper
95 100
174 70.9 0.0 157.4
176 69.7 0.0 154.6

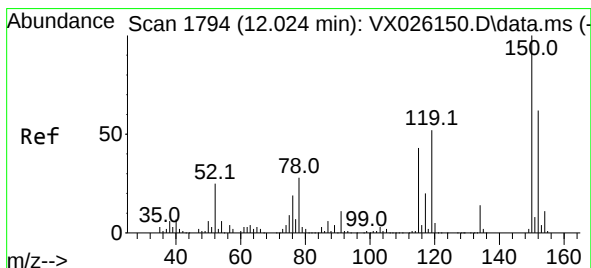
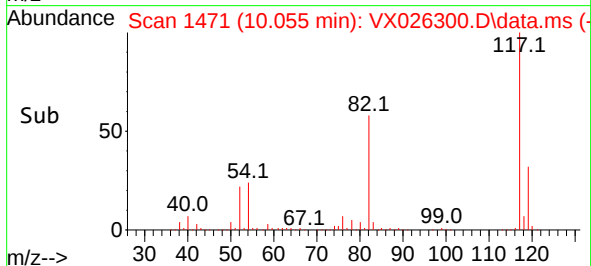
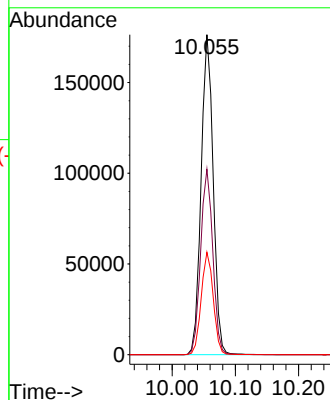
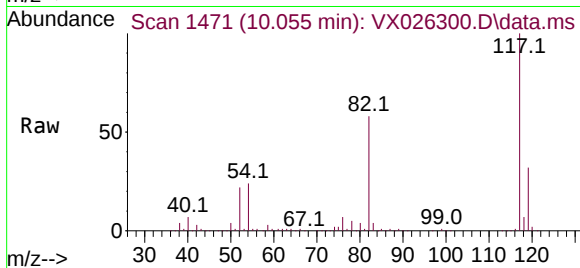




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

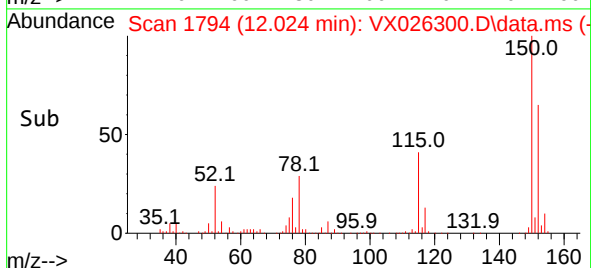
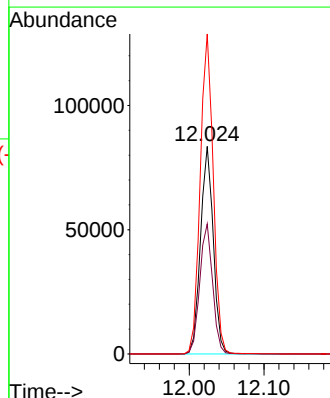
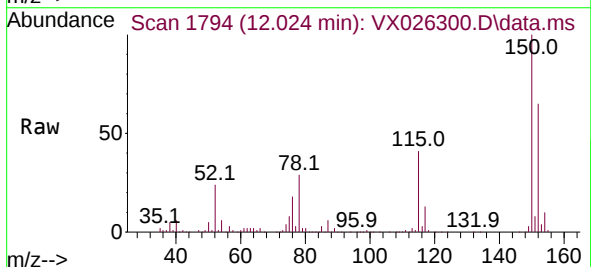
Instrument :
MSVOA_X
ClientSampleId :

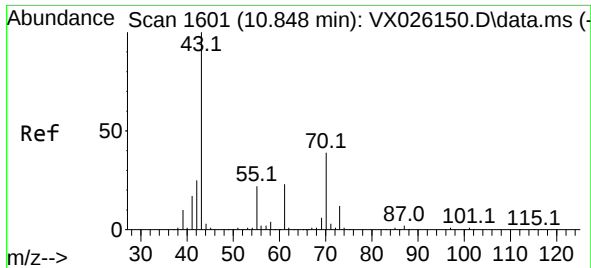
Tgt Ion:117 Resp: 234245
Ion Ratio Lower Upper
117 100
82 58.0 43.8 65.6
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

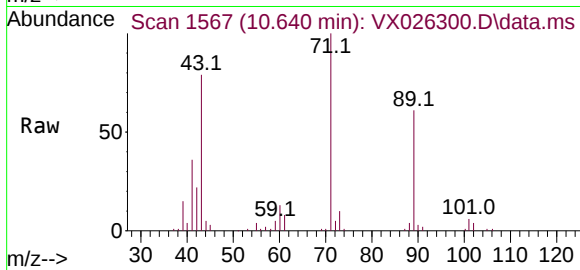
Tgt Ion:152 Resp: 99063
Ion Ratio Lower Upper
152 100
115 62.9 41.3 123.9
150 156.9 0.0 351.8



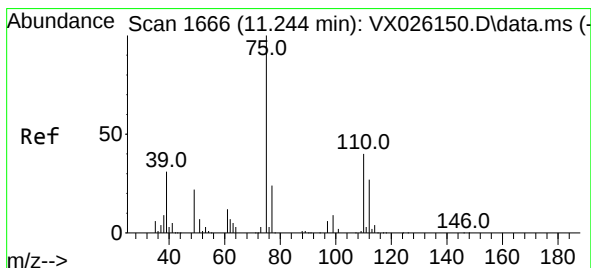
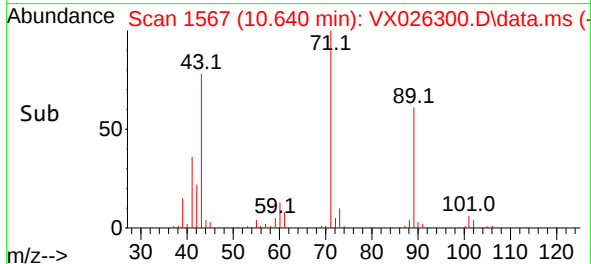
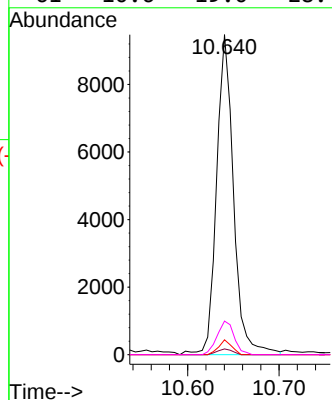


#74
N-amy1 acetate
Concen: 3.465 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.208 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Instrument :
MSVOA_X
ClientSampleId :

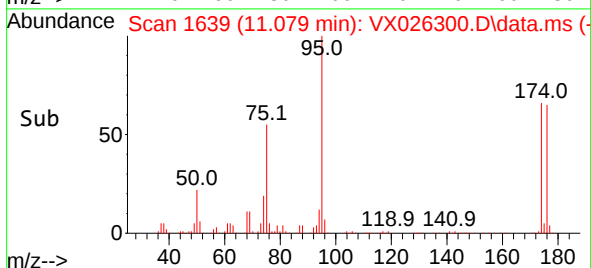
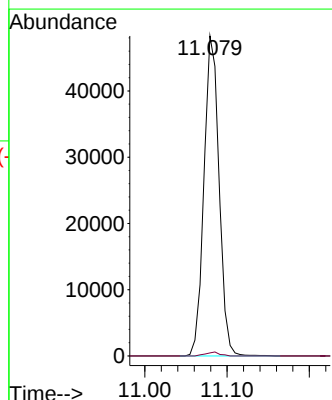
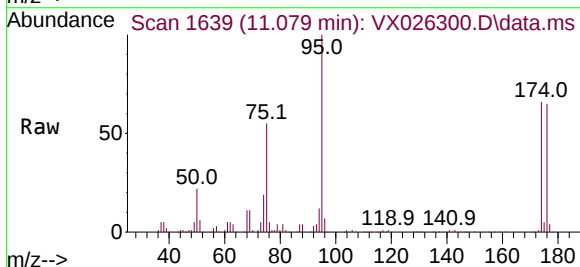


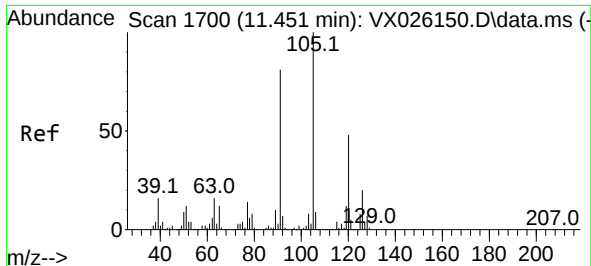
Tgt Ion: 43 Resp: 12253
Ion Ratio Lower Upper
43 100
70 1.6 34.1 51.1#
55 3.6 19.2 28.8#
61 10.6 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 25.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026300.D
Acq: 05 Jan 2022 03:24

Tgt Ion: 75 Resp: 61781
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#

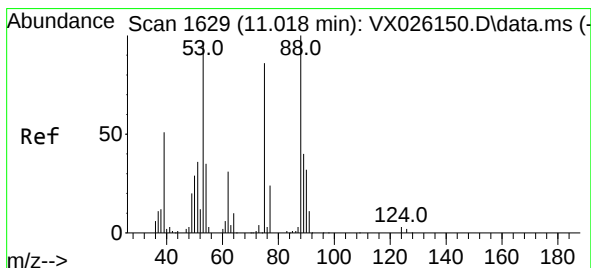
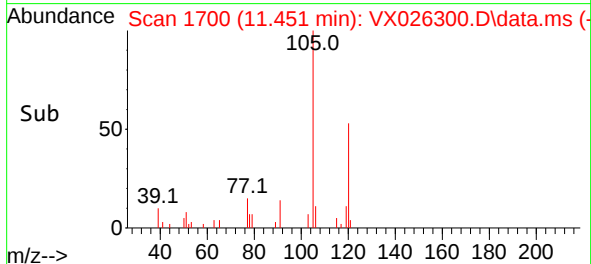
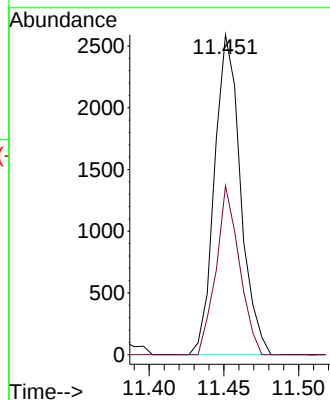
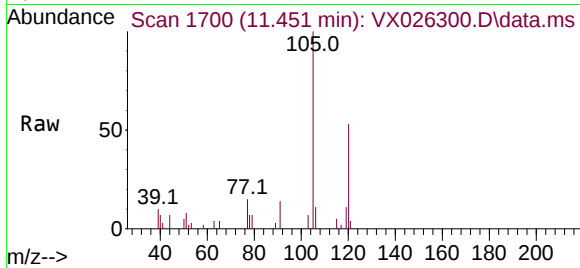




#80
 1,3,5-Trimethylbenzene
 Concen: 0.490 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026300.D
 Acq: 05 Jan 2022 03:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 3134
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.748 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026300.D
 Acq: 05 Jan 2022 03:24

Tgt Ion: 75 Resp: 61781
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

