

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026249.D
 Acq On : 04 Jan 2022 03:10
 Operator : JC/MD
 Sample : PB141783ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

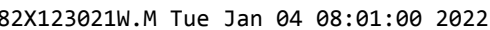
Instrument :
 MSVOA_X
 ClientSampleId :

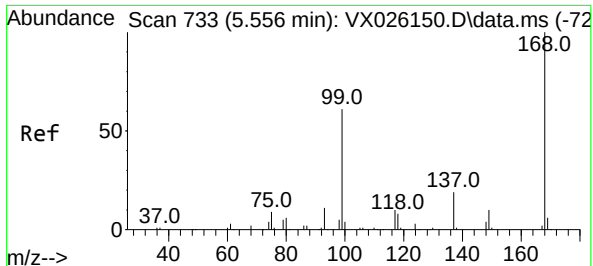
Quant Time: Jan 04 08:00:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	201677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	357991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161011	55.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.360%			
35) Dibromofluoromethane	5.391	113	116308	49.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	8.653	98	431178	49.806	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.620%			
62) 4-Bromofluorobenzene	11.079	95	150926	48.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.940%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1915	3.286	ug/l #	73
14) Allyl chloride	2.794	41	1244	0.282	ug/l #	23
16) Acetone	2.373	43	11144	7.049	ug/l #	88
18) Methyl Acetate	2.709	43	1648	0.321	ug/l #	82
20) Methylene Chloride	2.794	84	32988	12.339	ug/l	94
25) 2-Butanone	4.574	43	6477	2.941	ug/l #	90
29) Tetrahydrofuran	5.044	42	734	0.529	ug/l #	55
31) Cyclohexane	5.544	56	4947	1.191	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	18111	4.825	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22787	5.457	ug/l #	15
41) Methacrylonitrile	5.025	41	514	0.209	ug/l #	43
43) Isopropyl Acetate	6.342	43	21311	3.004	ug/l	96
48) Methyl methacrylate	7.598	41	6796	1.998	ug/l #	12
49) 1,4-Dioxane	7.799	88	153	2.440	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	78711	17.830	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	32191	7.365	ug/l #	69
57) 1,3-Dichloropropane	9.482	76	19250	4.146	ug/l #	43
59) 2-Hexanone	9.482	43	297282	88.902	ug/l #	49
74) N-amyl acetate	10.768	43	1098	0.233	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	82129	25.756	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82129	74.512	ug/l #	10

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

Quant Time: Jan 04 08:00:50 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

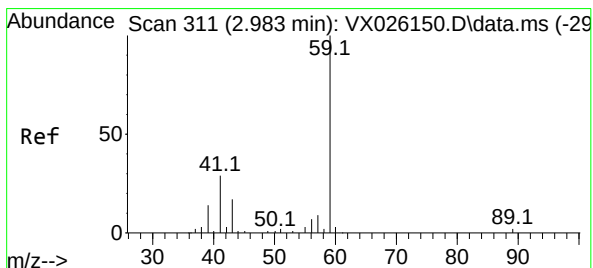
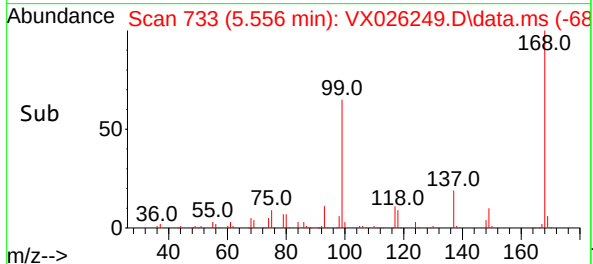
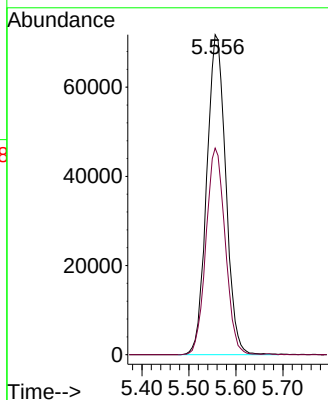
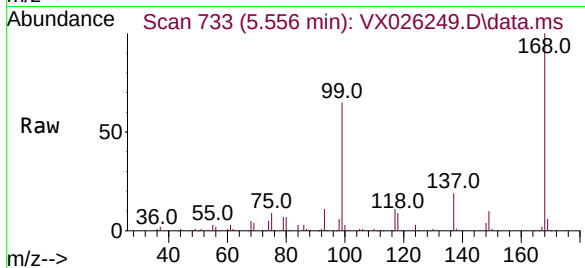




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

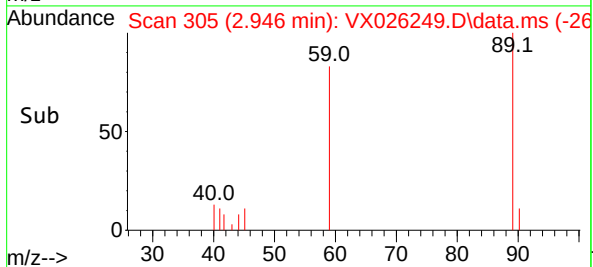
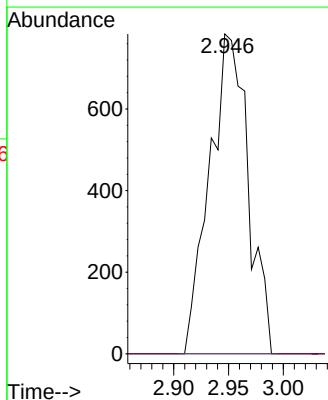
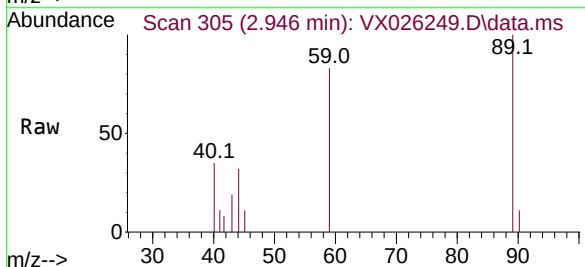
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MSVOA_X
ClientSampleId :

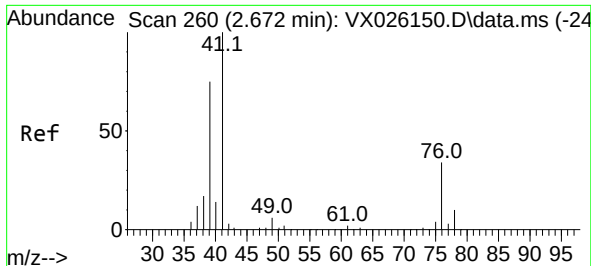
Tgt Ion:168 Resp: 201677
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.286 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

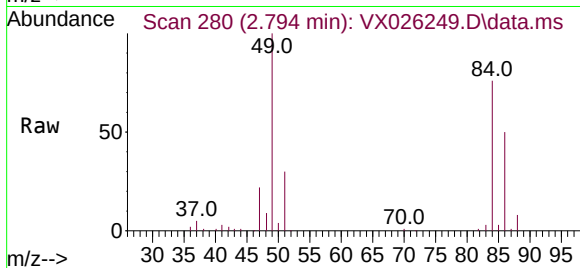
Tgt Ion: 59 Resp: 1915
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



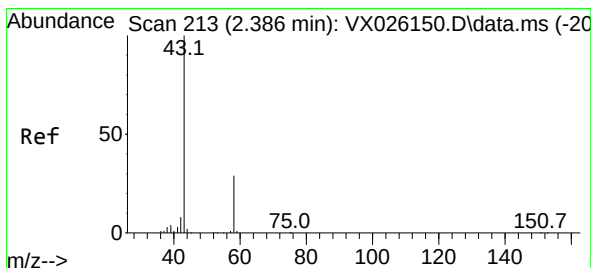
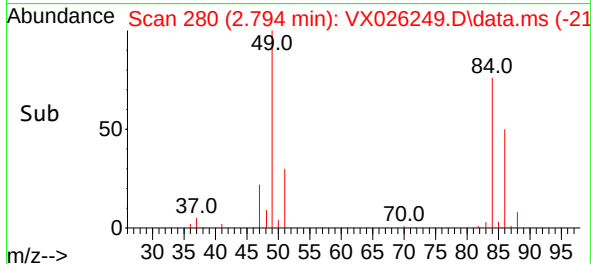
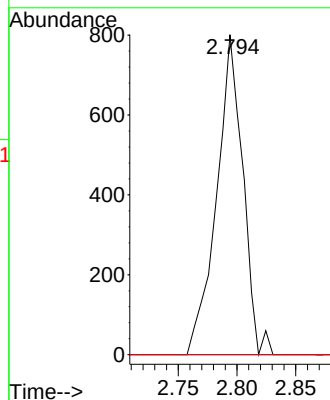


#14
 Allyl chloride
 Concen: 0.282 ug/l
 RT: 2.794 min Scan# 211
 Delta R.T. 0.122 min
 Lab File: VX026249.D
 Acq: 04 Jan 2022 03:10

Instrument :
 MSVOA_X
 ClientSampleId :

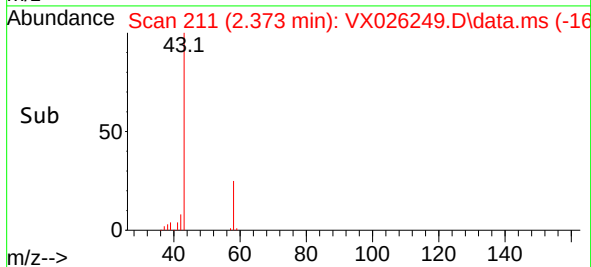
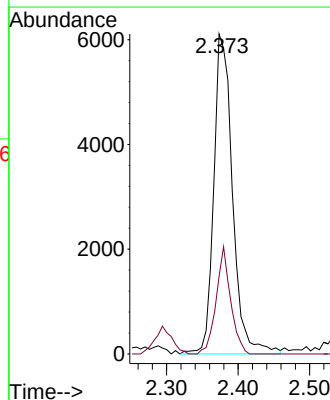
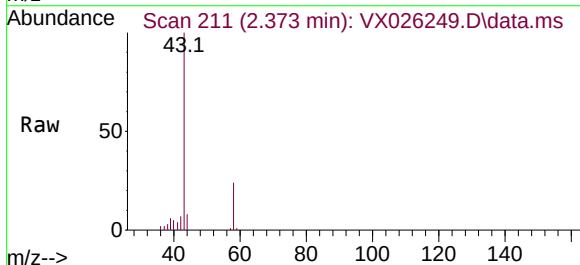


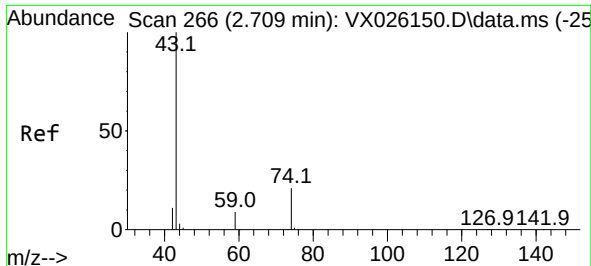
Tgt Ion: 41 Resp: 1244
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.4 83.0#
 76 0.0 27.6 41.4#



#16
 Acetone
 Concen: 7.049 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VX026249.D
 Acq: 04 Jan 2022 03:10

Tgt Ion: 43 Resp: 11144
 Ion Ratio Lower Upper
 43 100
 58 24.2 24.8 37.2#

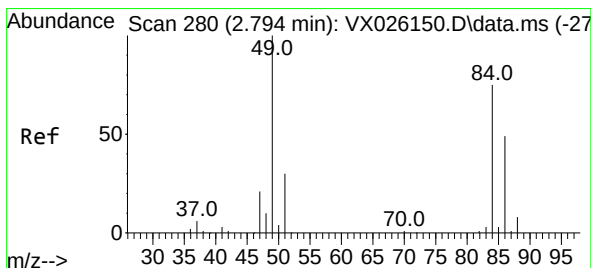
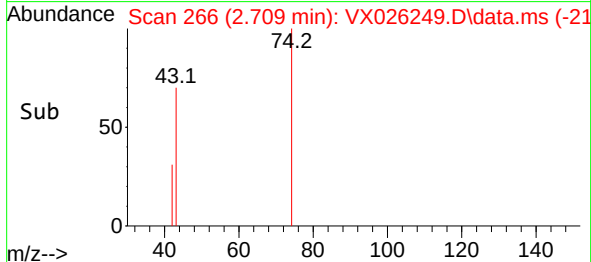
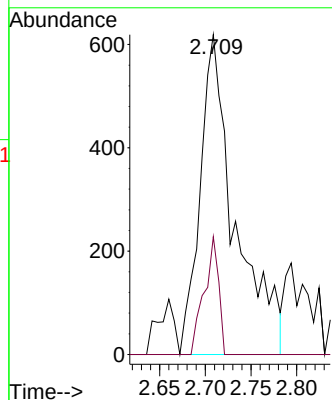
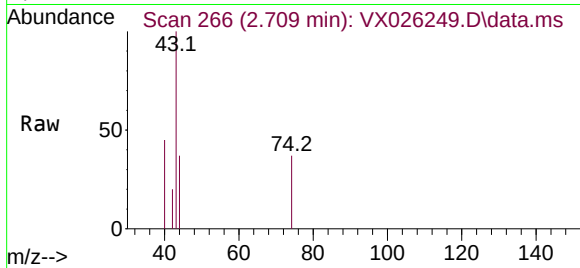




#18
Methyl Acetate
Concen: 0.321 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

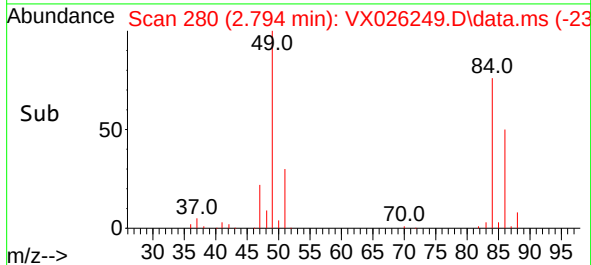
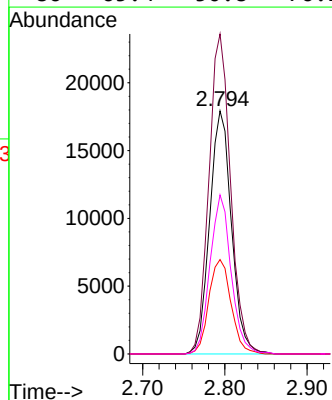
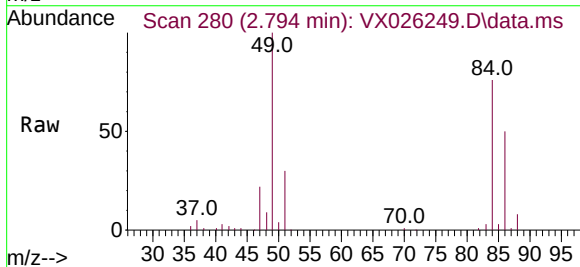
Instrument :
MSVOA_X
ClientSampleId :

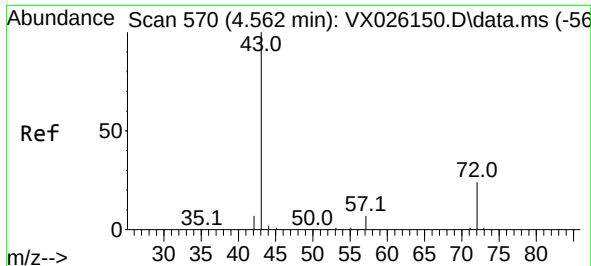
Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
74 15.1 19.1 28.7#



#20
Methylene Chloride
Concen: 12.339 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Tgt Ion: 84 Resp: 32988
Ion Ratio Lower Upper
84 100
49 131.7 97.1 145.7
51 38.9 29.3 43.9
86 65.4 50.8 76.2





#25

2-Butanone

Concen: 2.941 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

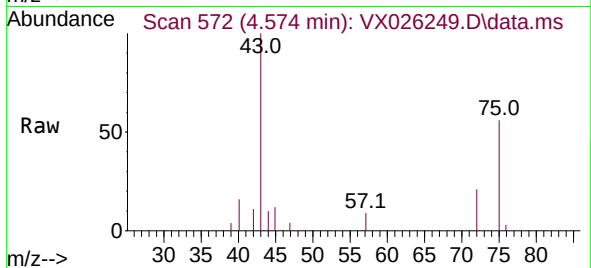
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Acq: 04 Jan 2022 03:10

Instrument :

MSVOA_X

ClientSampleId :

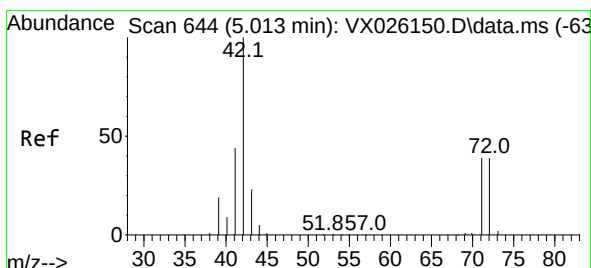
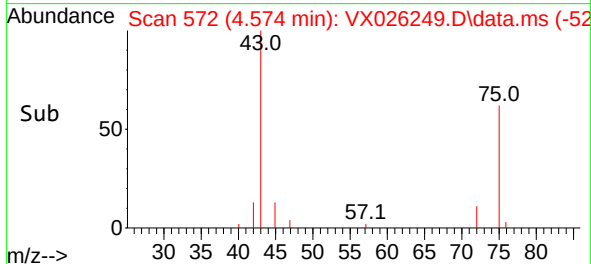
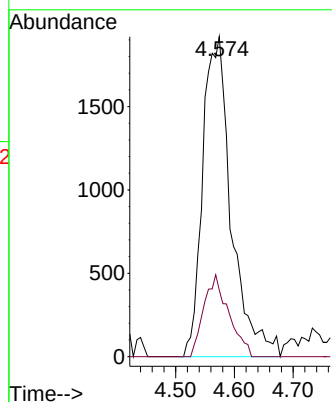


Tgt Ion: 43 Resp: 6477

Ion Ratio Lower Upper

43 100

72 20.8 21.0 31.4#



#29

Tetrahydrofuran

Concen: 0.529 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX026249.D

Acq: 04 Jan 2022 03:10

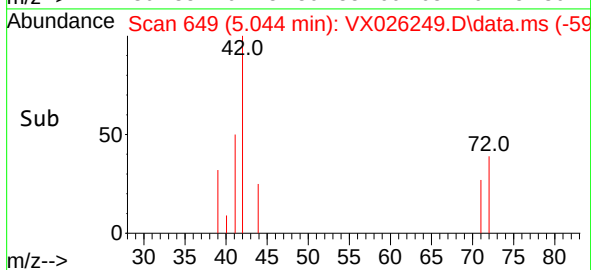
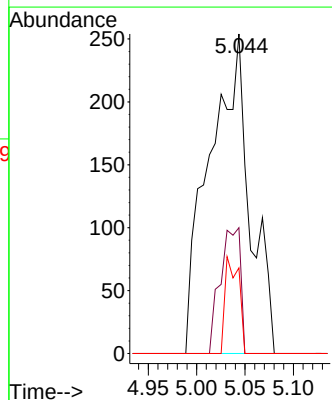
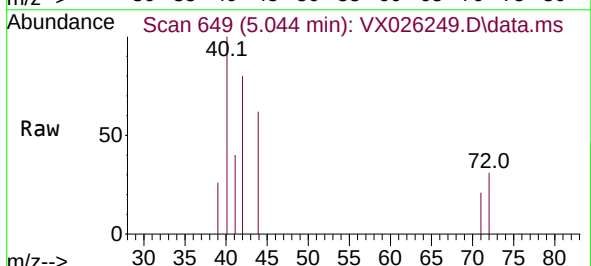
Tgt Ion: 42 Resp: 734

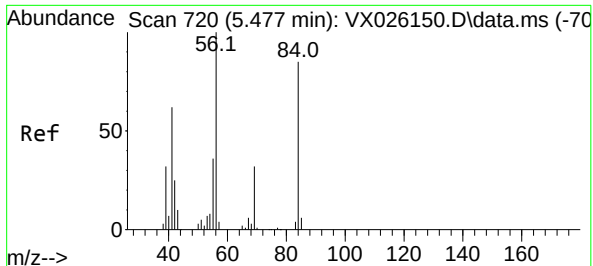
Ion Ratio Lower Upper

42 100

72 19.9 37.0 55.6#

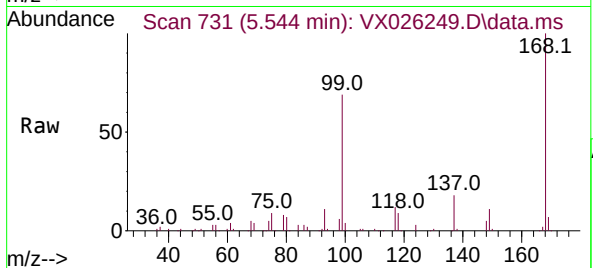
71 10.2 34.1 51.1#



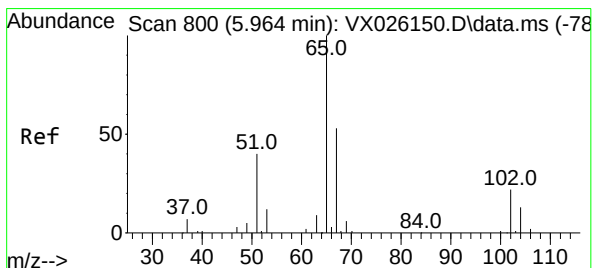
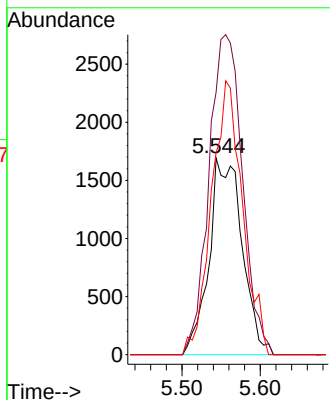
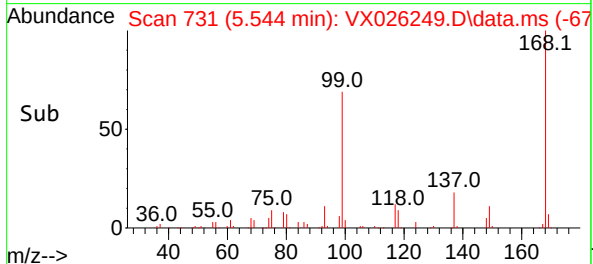


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Instrument :
MSVOA_X
ClientSampleId :

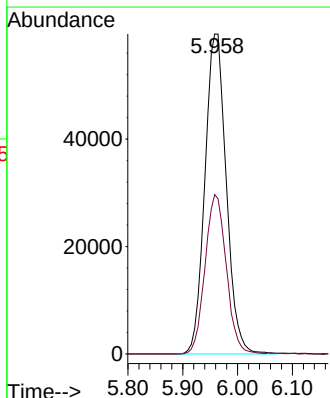
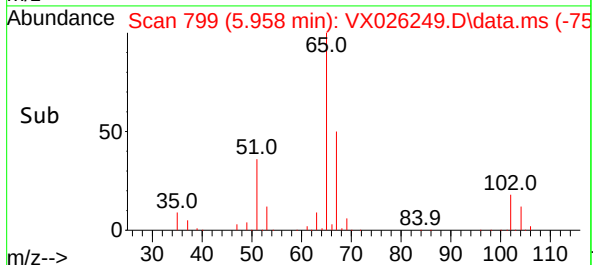
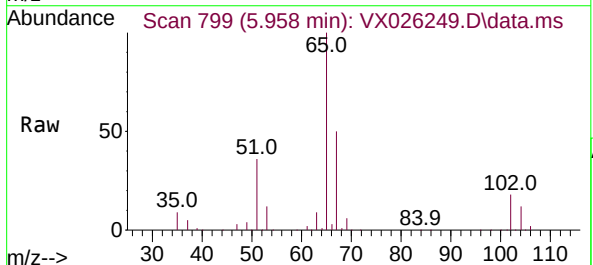


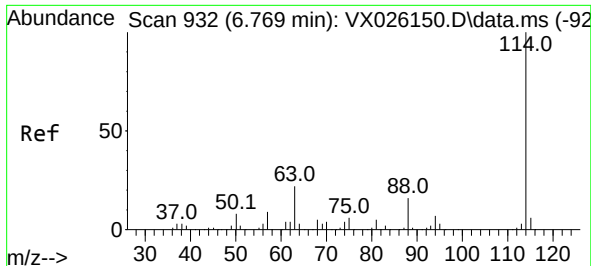
Tgt Ion: 56 Resp: 4947
Ion Ratio Lower Upper
56 100
69 133.6 23.9 35.9#
84 103.0 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 55.185 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Tgt Ion: 65 Resp: 161011
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.4

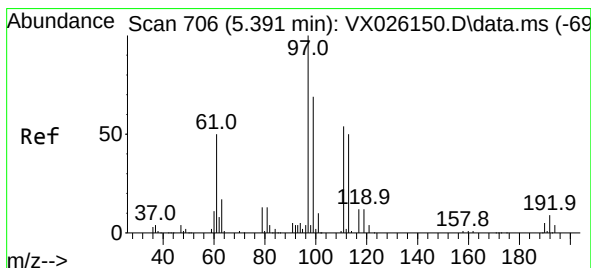
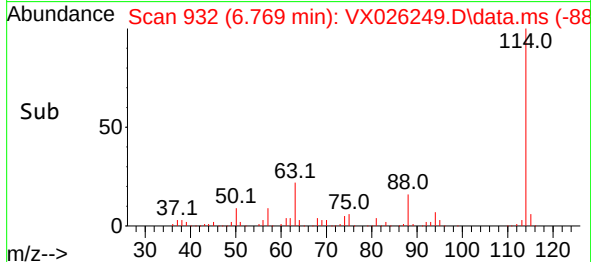
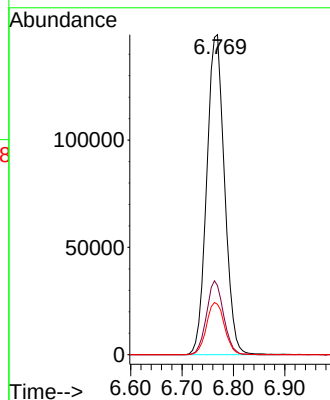
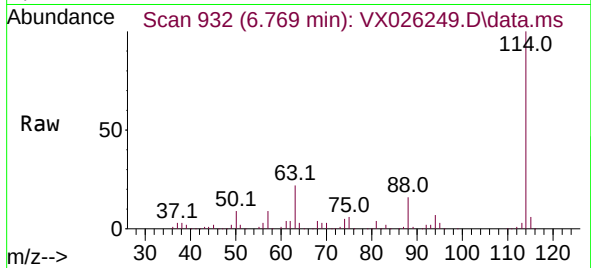




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

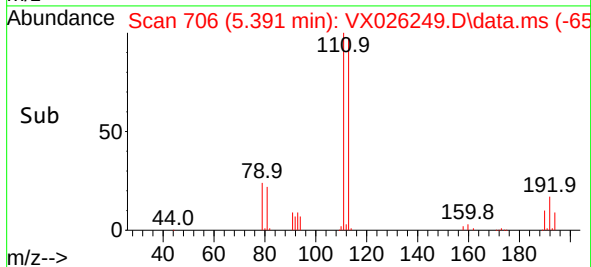
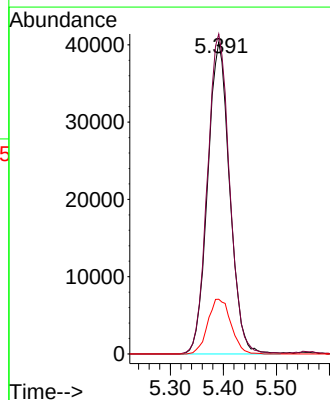
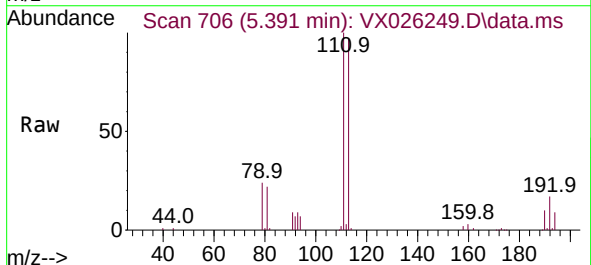
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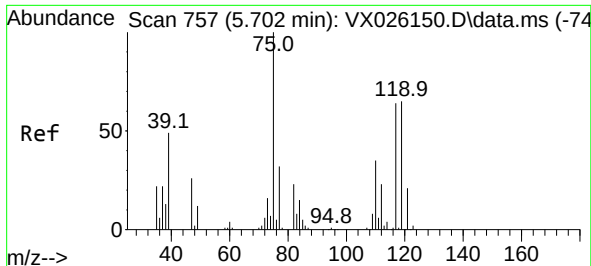
Tgt Ion:114 Resp: 357991
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.973 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Tgt Ion:113 Resp: 116308
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 18.5 15.0 22.4

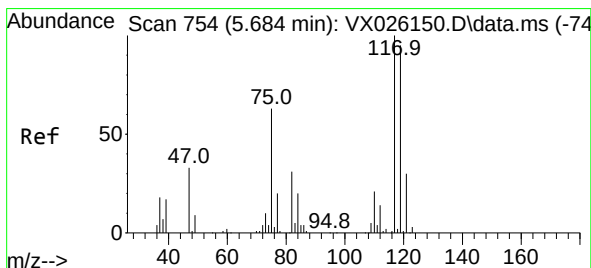
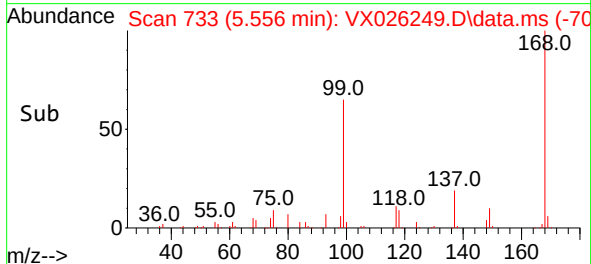
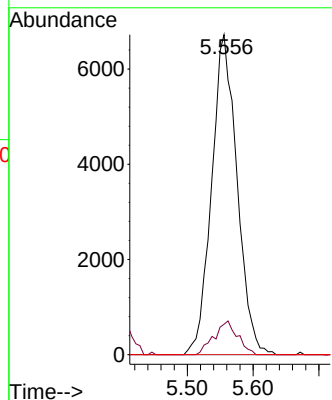
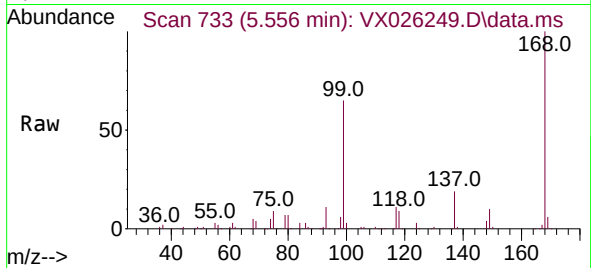




#36
1,1-Dichloropropene
Concen: 4.825 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

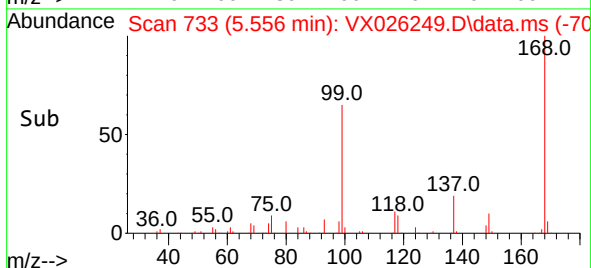
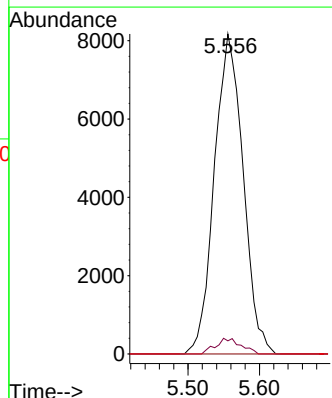
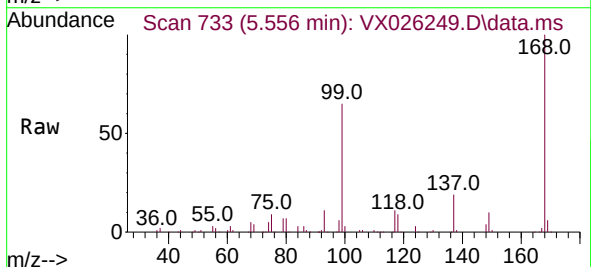
Instrument :
MSVOA_X
ClientSampleId :

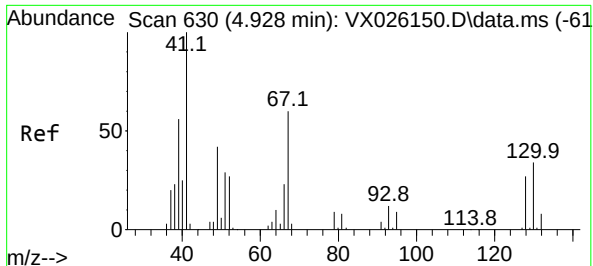
Tgt Ion: 75 Resp: 18111
Ion Ratio Lower Upper
75 100
110 9.7 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.457 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

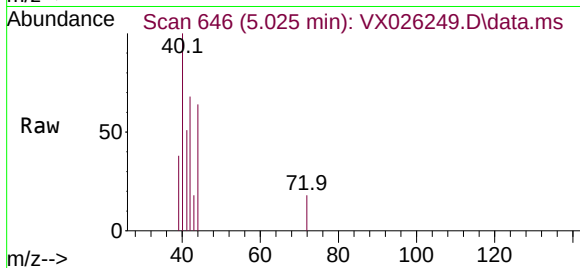
Tgt Ion: 117 Resp: 22787
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 23.8 35.8#





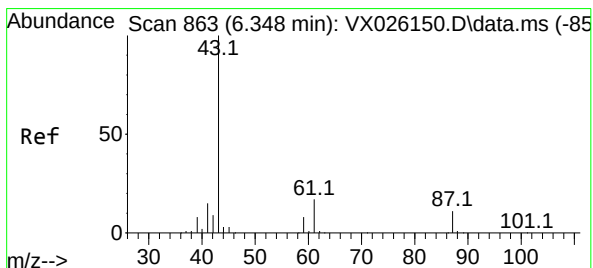
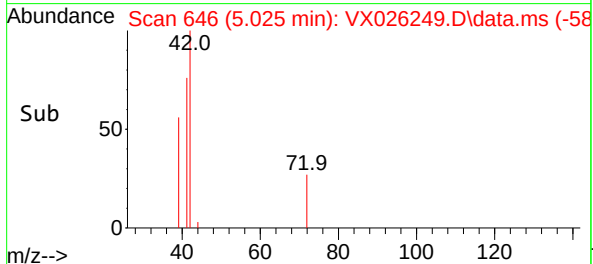
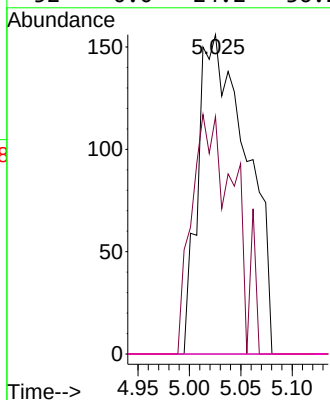
#41
Methacrylonitrile
Concen: 0.209 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 41 Resp: 514

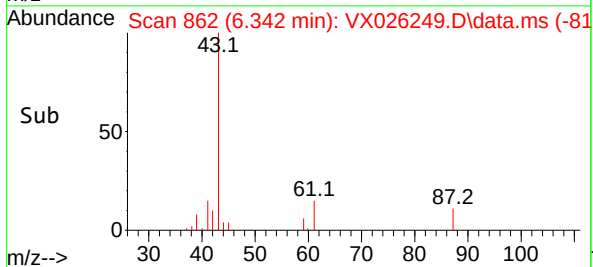
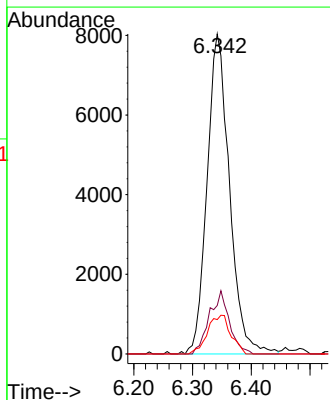
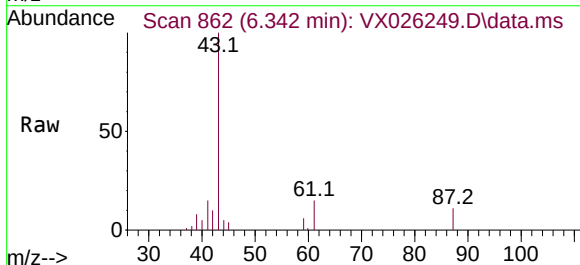
Ion	Ratio	Lower	Upper
41	100		
39	67.1	44.2	66.2#
67	0.0	59.7	89.5#
52	0.0	24.2	36.2#

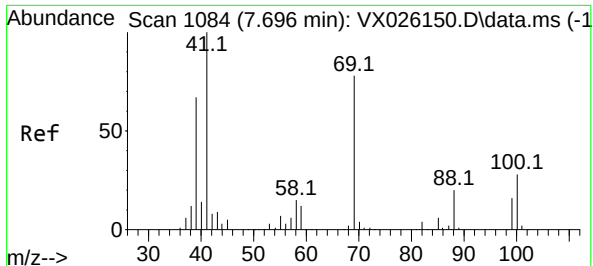


#43
Isopropyl Acetate
Concen: 3.004 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Tgt Ion: 43 Resp: 21311

Ion	Ratio	Lower	Upper
43	100		
61	17.6	15.7	23.5
87	12.6	11.2	16.8





#48

Methyl methacrylate

Concen: 1.998 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX026249.D

Acq: 04 Jan 2022 03:10

Instrument :

MSVOA_X

ClientSampleId :

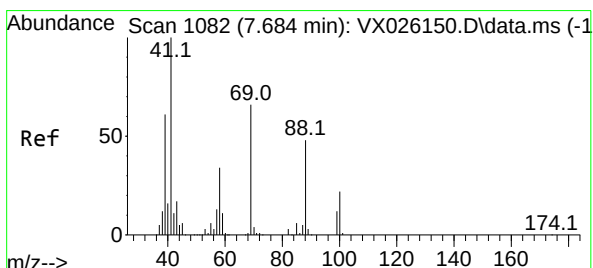
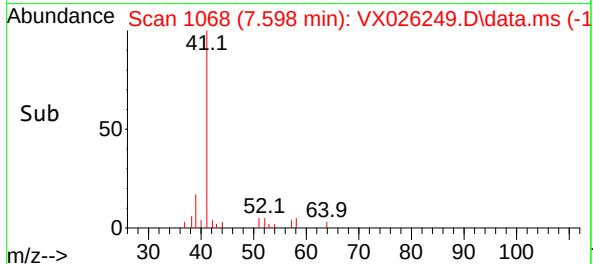
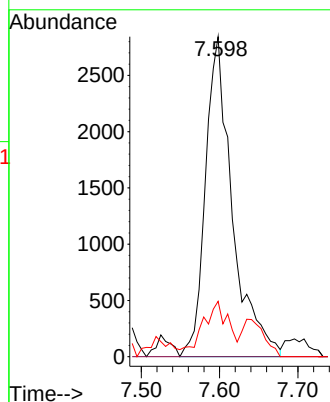
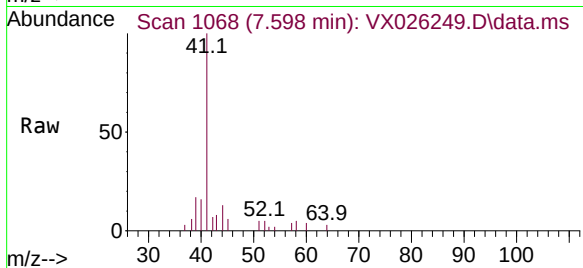
Tgt Ion: 41 Resp: 6796

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: 2.440 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX026249.D

Acq: 04 Jan 2022 03:10

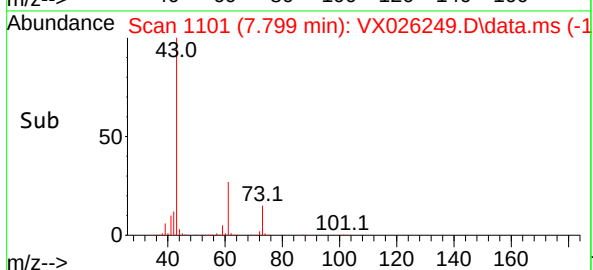
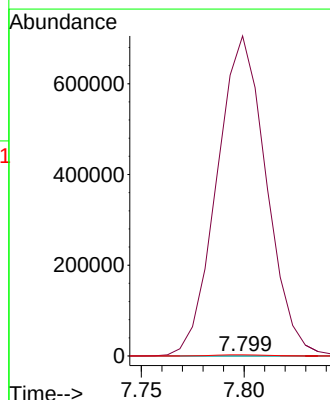
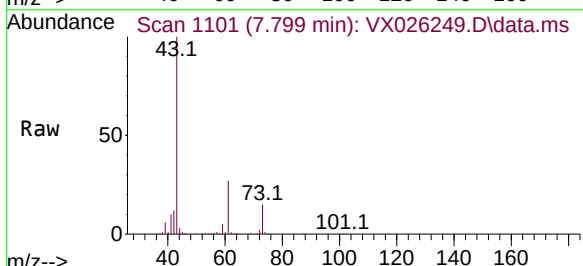
Tgt Ion: 88 Resp: 153

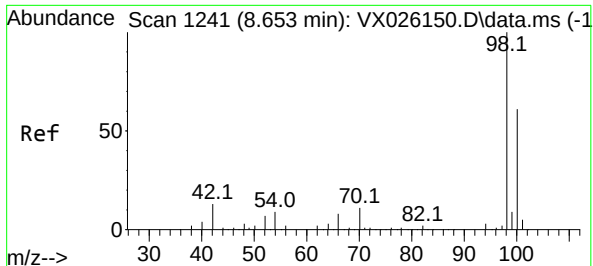
Ion Ratio Lower Upper

88 100

43 779254.9 25.3 37.9#

58 3133.3 51.8 77.6#





#50

Toluene-d8

Concen: 49.806 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026249.D

Acq: 04 Jan 2022 03:10

Instrument :

MSVOA_X

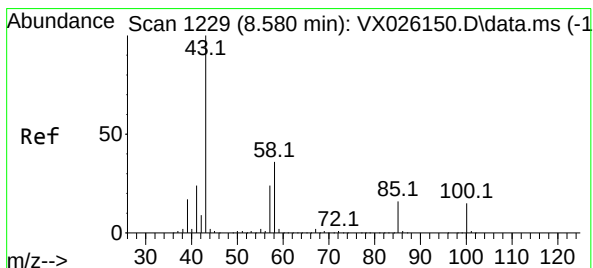
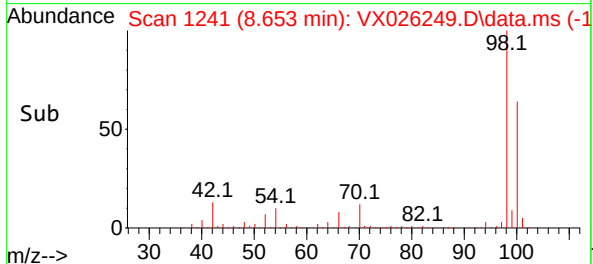
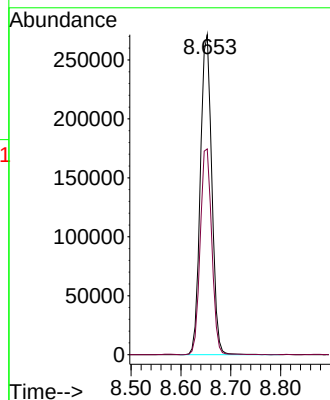
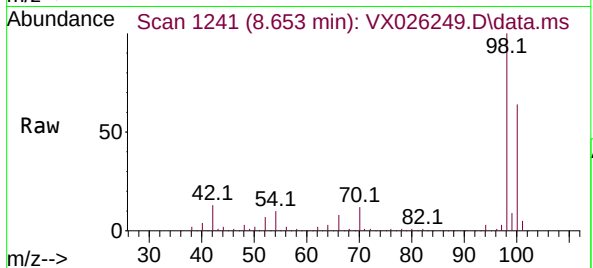
ClientSampleId :

Tgt Ion: 98 Resp: 431178

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 17.830 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.031 min

Lab File: VX026249.D

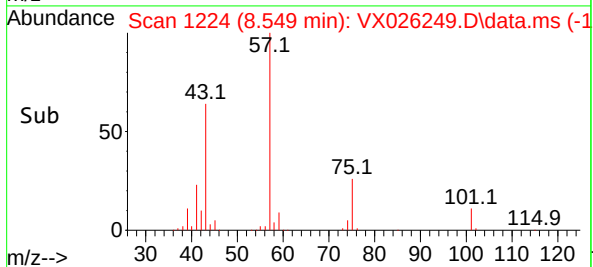
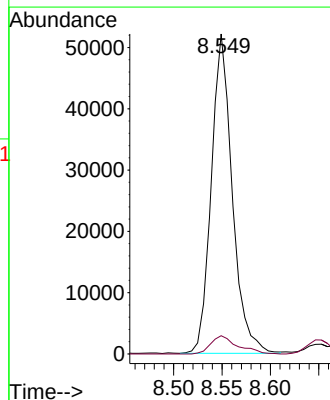
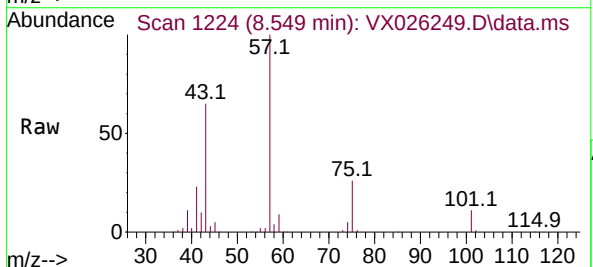
Acq: 04 Jan 2022 03:10

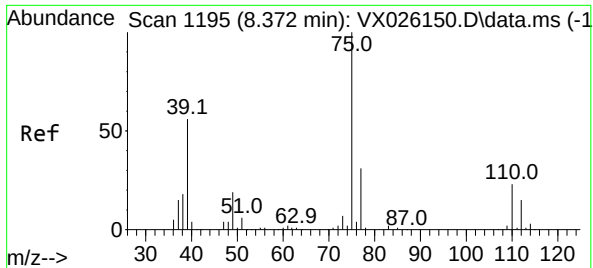
Tgt Ion: 43 Resp: 78711

Ion Ratio Lower Upper

43 100

58 7.3 30.8 46.2#

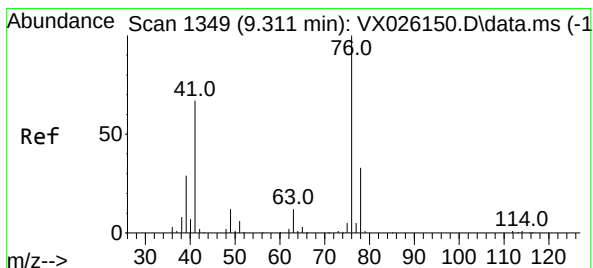
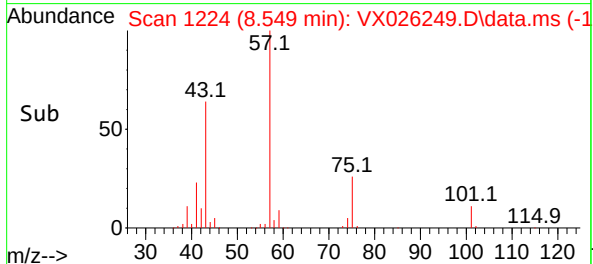
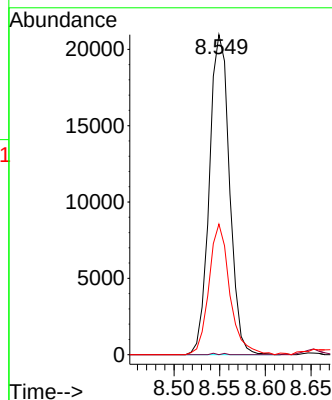
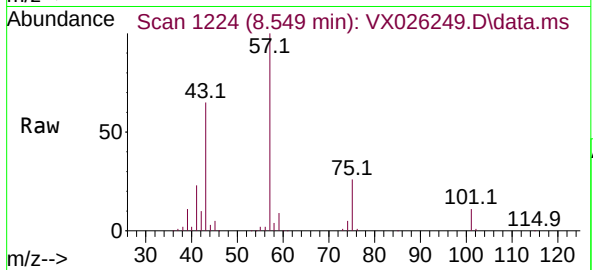




#54
 cis-1,3-Dichloropropene
 Concen: 7.365 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026249.D
 Acq: 04 Jan 2022 03:10

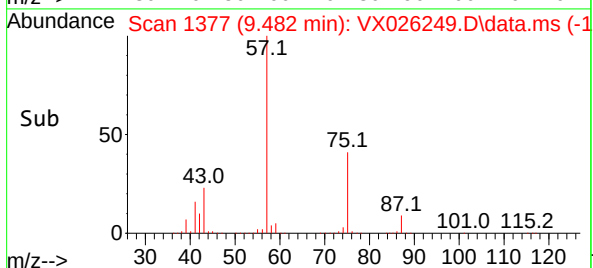
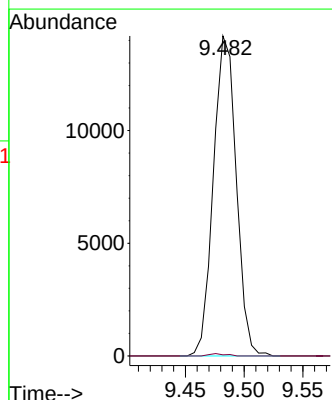
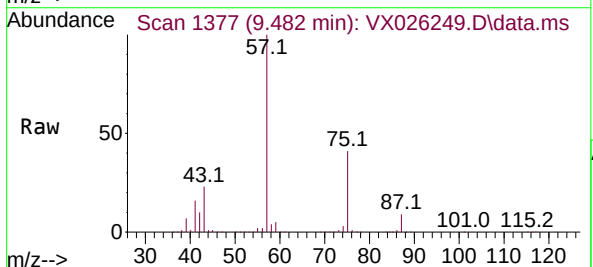
Instrument :
 MSVOA_X
 ClientSampleId :

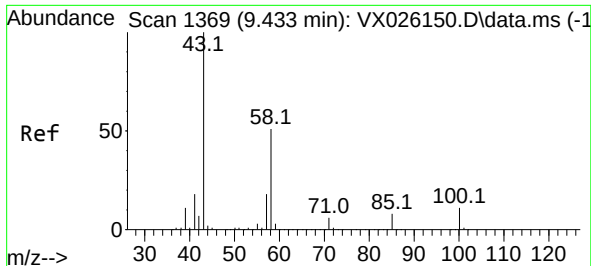
Tgt Ion: 75 Resp: 32191
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 40.8 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.146 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026249.D
 Acq: 04 Jan 2022 03:10

Tgt Ion: 76 Resp: 19250
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.0 39.0#

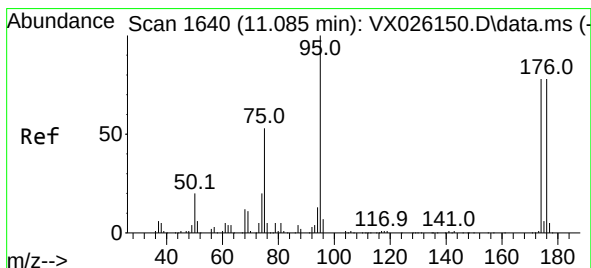
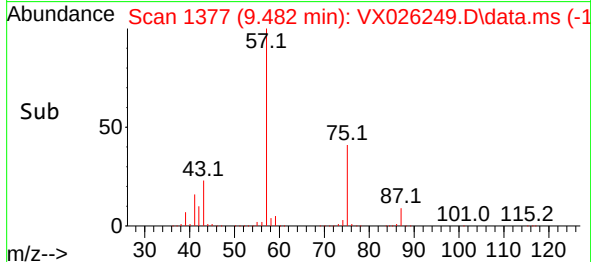
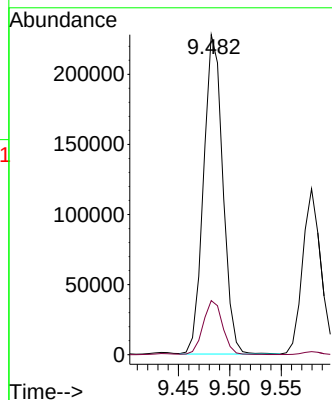
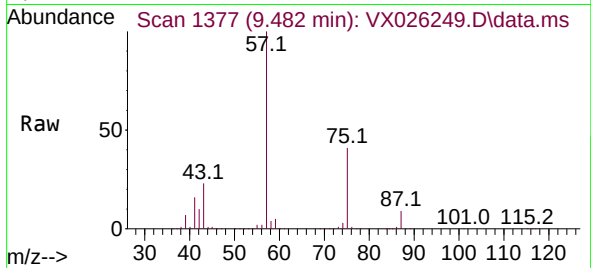




#59
2-Hexanone
Concen: 88.902 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

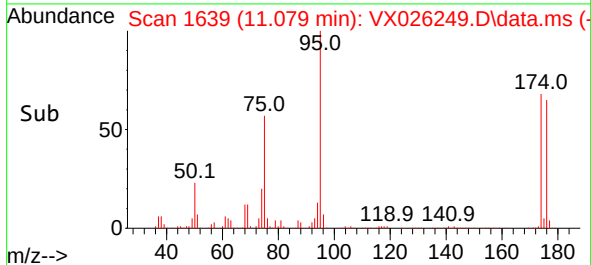
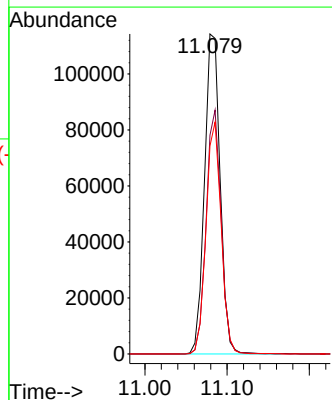
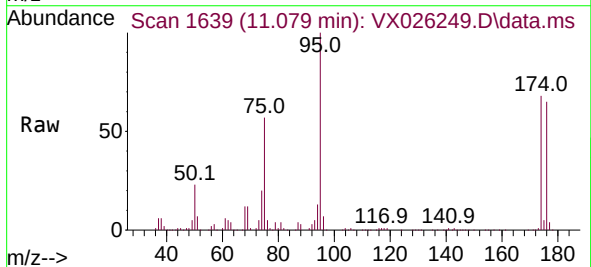
Instrument :
MSVOA_X
ClientSampleId :

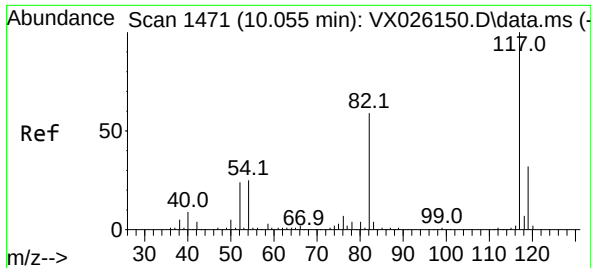
Tgt Ion: 43 Resp: 297282
Ion Ratio Lower Upper
43 100
58 17.2 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 48.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Tgt Ion: 95 Resp: 150926
Ion Ratio Lower Upper
95 100
174 73.1 0.0 157.4
176 70.1 0.0 154.6

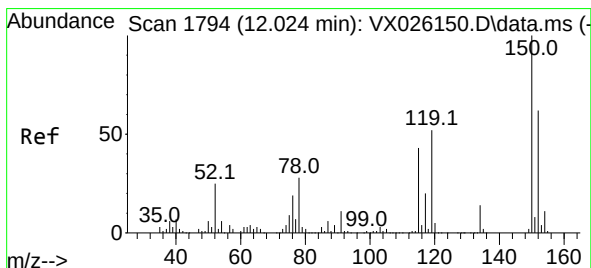
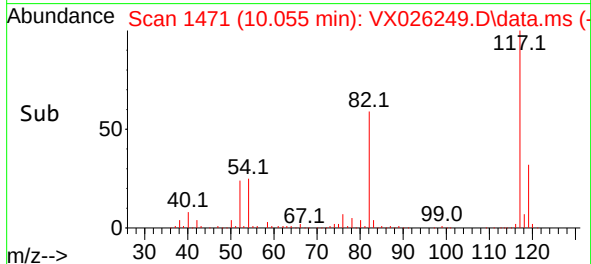
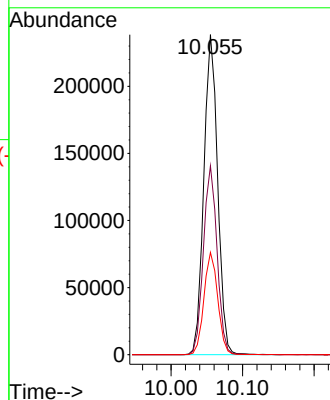
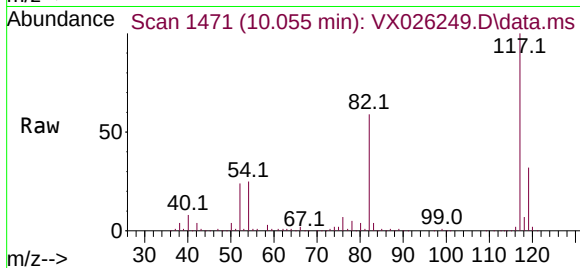




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

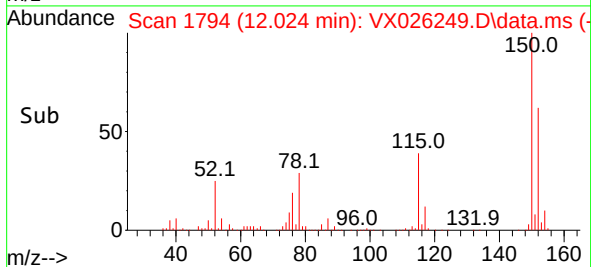
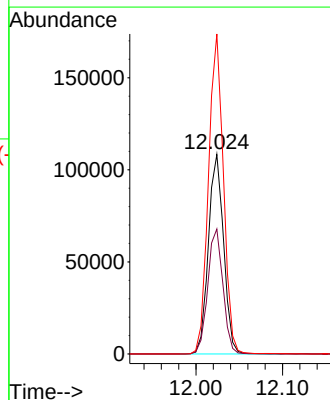
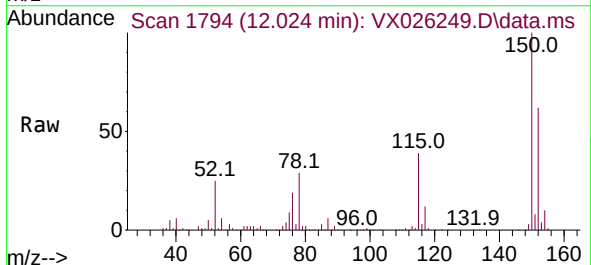
Instrument :
MSVOA_X
ClientSampleId :

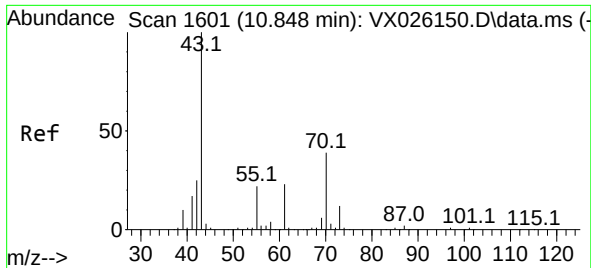
Tgt Ion:117 Resp: 319965
Ion Ratio Lower Upper
117 100
82 59.0 43.8 65.6
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

Tgt Ion:152 Resp: 132107
Ion Ratio Lower Upper
152 100
115 62.5 41.3 123.9
150 157.9 0.0 351.8

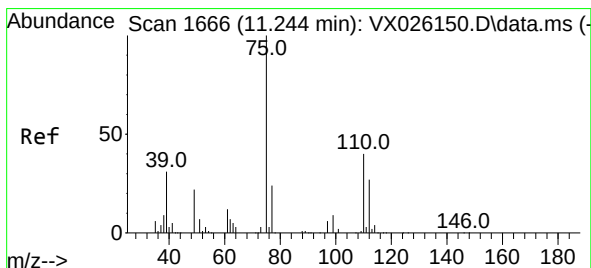
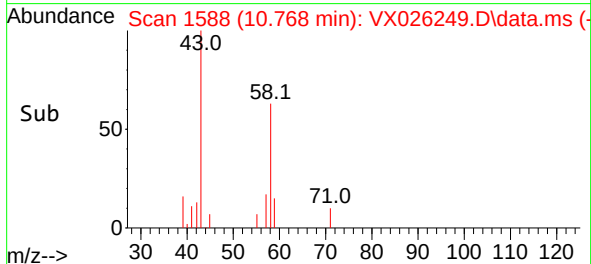
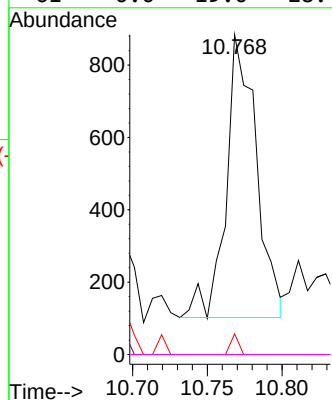
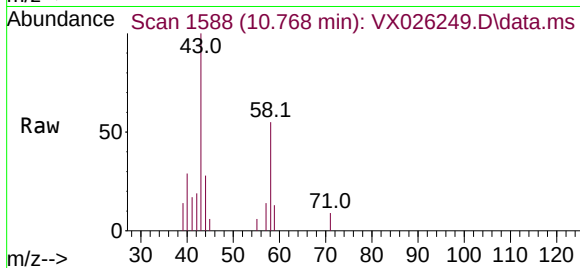




#74
N-amy1 acetate
Concen: 0.233 ug/l
RT: 10.768 min Scan# 1639
Delta R.T. -0.080 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

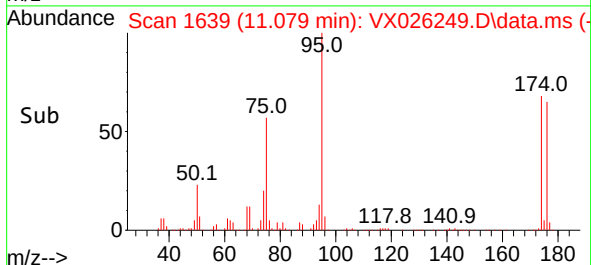
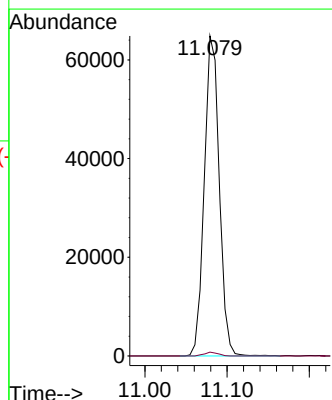
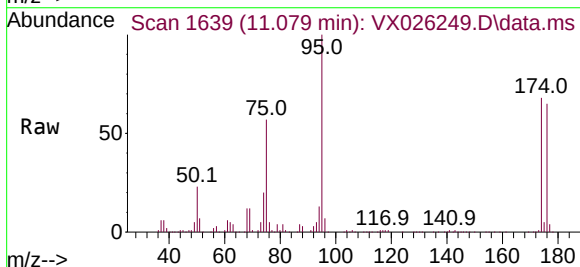
Instrument :
MSVOA_X
ClientSampleId :

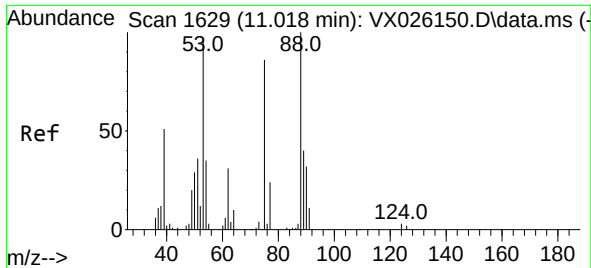
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
70 0.0 34.1 51.1#
55 1.9 19.2 28.8#
61 0.0 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 25.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026249.D
Acq: 04 Jan 2022 03:10

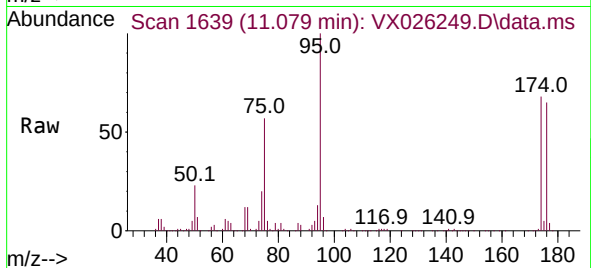
Tgt Ion: 75 Resp: 82129
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.512 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026249.D
 Acq: 04 Jan 2022 03:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 82129
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

