

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026861.D
 Acq On : 09 Feb 2022 07:01
 Operator : JC/MD
 Sample : N1432-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 09 07:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

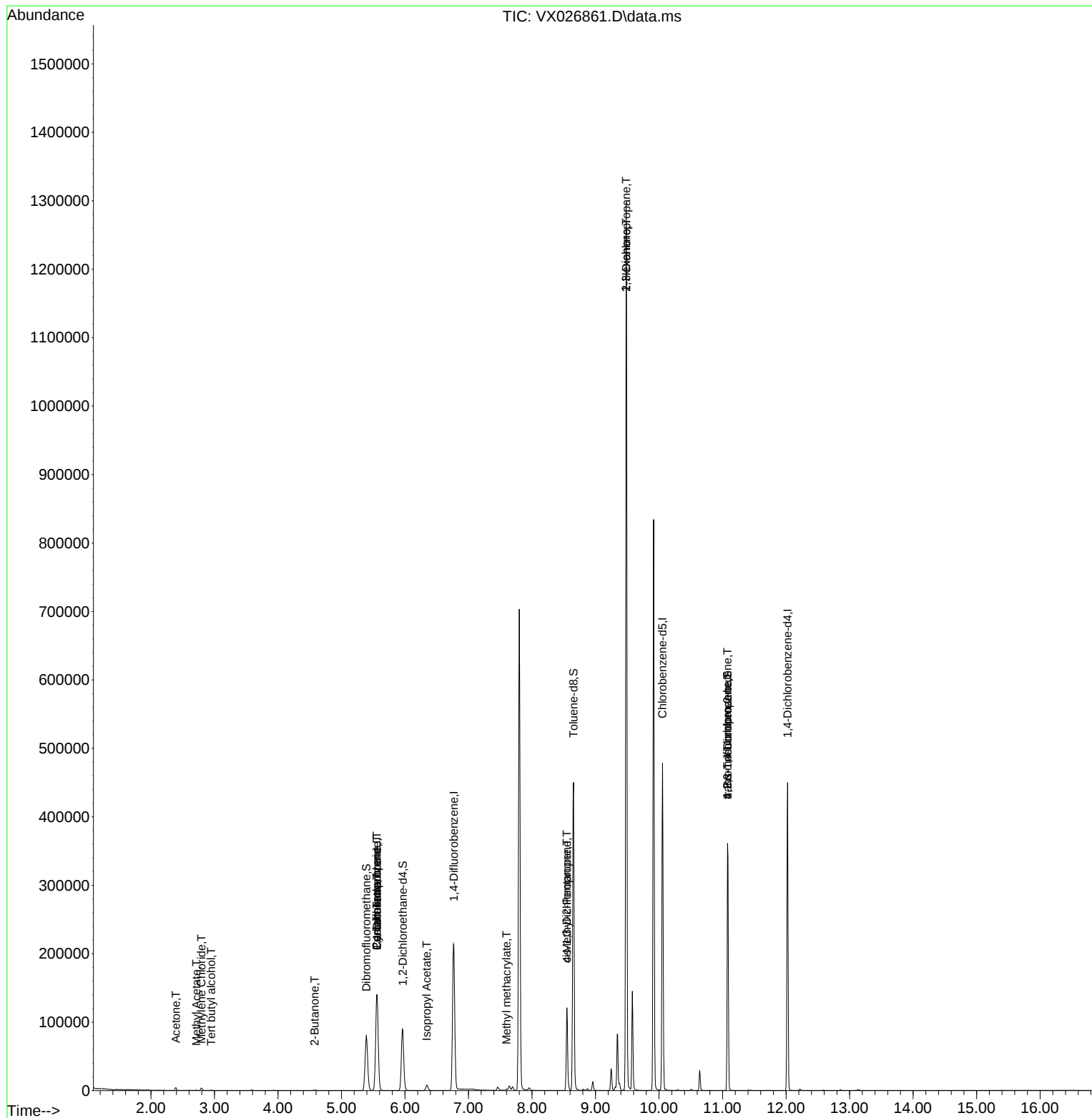
Internal Standards						
1) Pentafluorobenzene	5.556	168	133351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	87084	54.402	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.800%		
35) Dibromofluoromethane	5.391	113	69308	51.780	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.560%		
50) Toluene-d8	8.653	98	267857	54.517	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.040%		
62) 4-Bromofluorobenzene	11.079	95	99259	57.382	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.760%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	362	1.252	ug/l #	75
16) Acetone	2.392	43	5055	7.190	ug/l	90
18) Methyl Acetate	2.715	43	929	0.459	ug/l #	90
20) Methylene Chloride	2.794	84	1695	1.113	ug/l	95
25) 2-Butanone	4.574	43	959	0.847	ug/l	95
31) Cyclohexane	5.556	56	2650	1.042	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	10531	4.987	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13771	6.219	ug/l #	17
43) Isopropyl Acetate	6.342	43	11145	3.018	ug/l	100
48) Methyl methacrylate	7.598	41	3167	1.731	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	41278	18.449	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	19009	8.343	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	11307	4.464	ug/l #	43
59) 2-Hexanone	9.482	43	156893	95.867	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	49796	25.001	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	49796	76.257	ug/l #	3

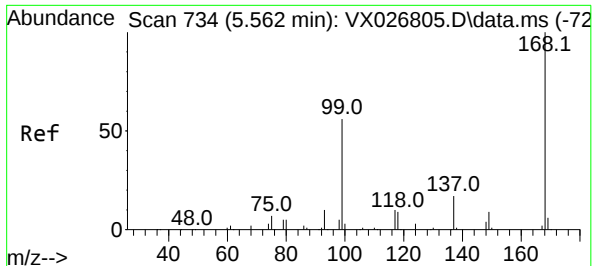
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

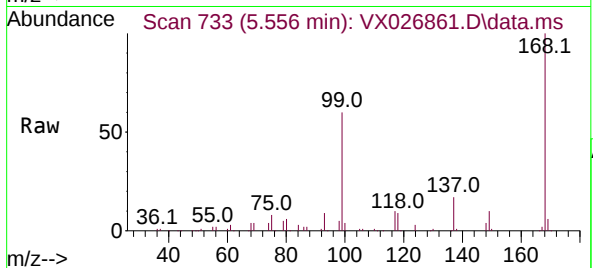
Quant Time: Feb 09 07:32:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



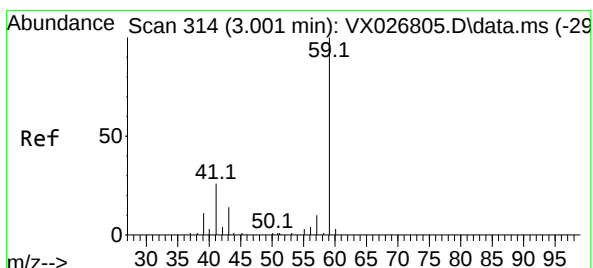
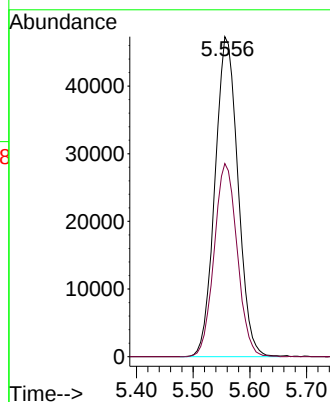
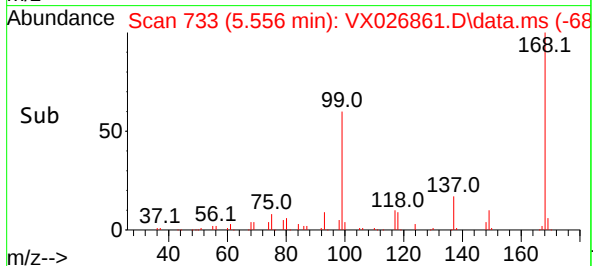


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Instrument :
MSVOA_X
ClientSampleId :

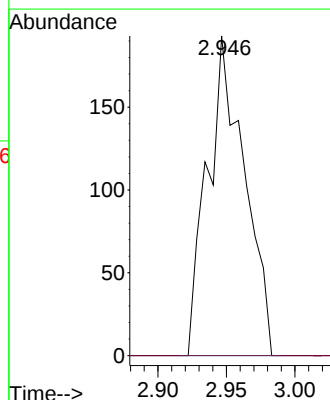
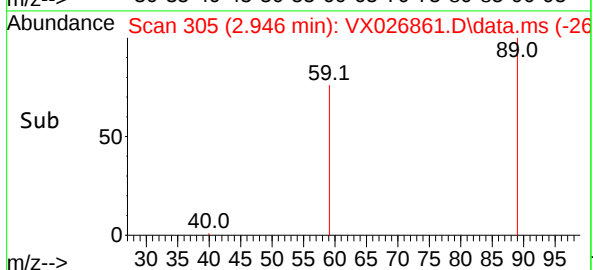
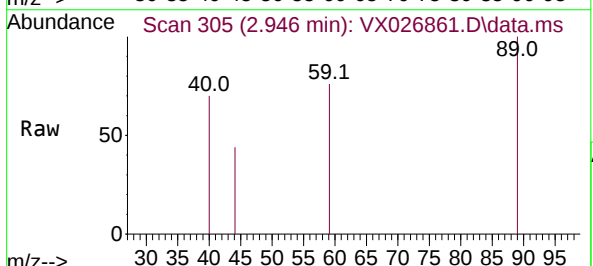


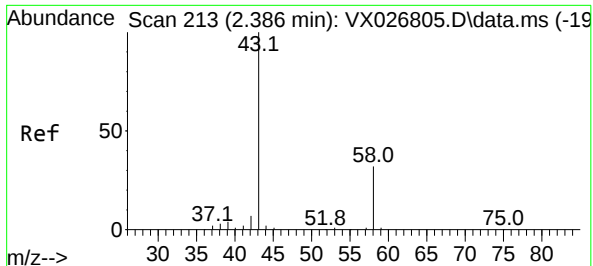
Tgt Ion:168 Resp: 133351
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#11
Tert butyl alcohol
Concen: 1.252 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

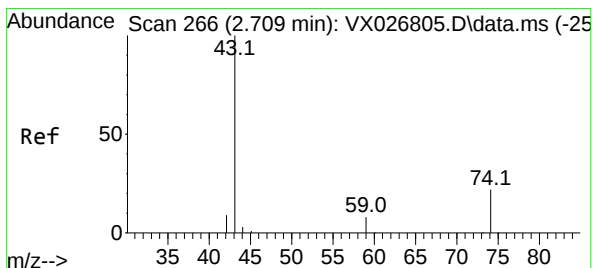
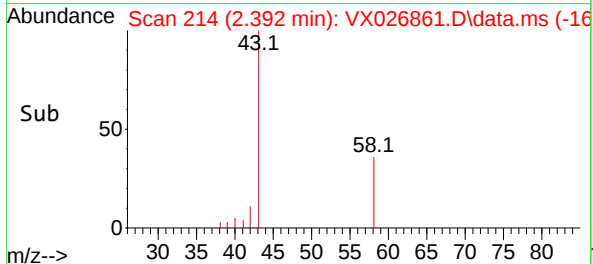
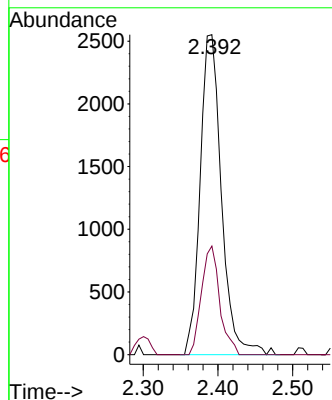
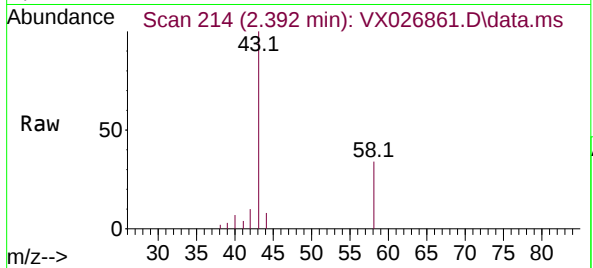




#16
Acetone
Concen: 7.190 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

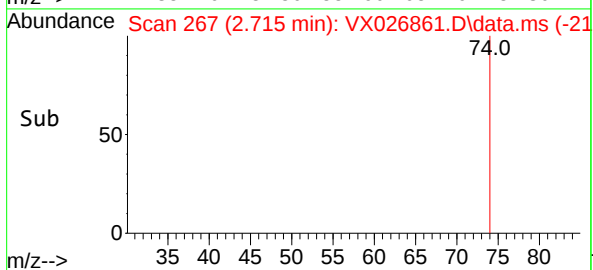
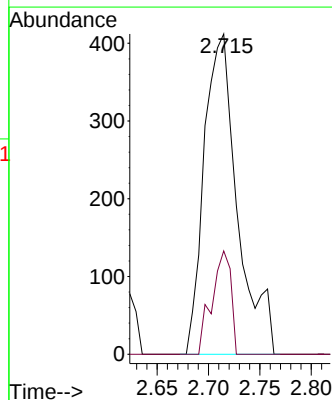
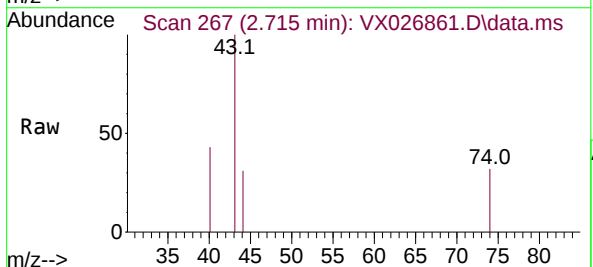
Instrument :
MSVOA_X
ClientSampleId :

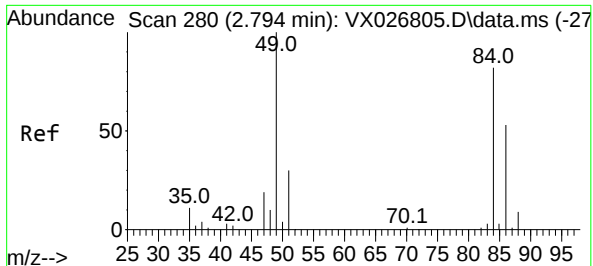
Tgt Ion: 43 Resp: 5055
Ion Ratio Lower Upper
43 100
58 33.9 23.0 34.6



#18
Methyl Acetate
Concen: 0.459 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

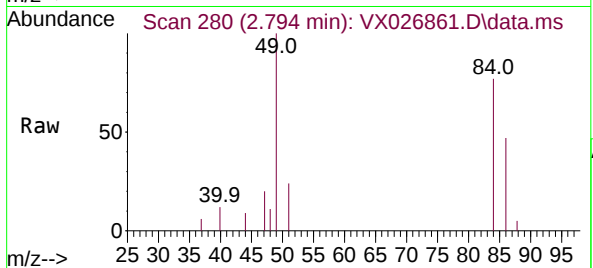
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
74 18.3 18.3 27.5#



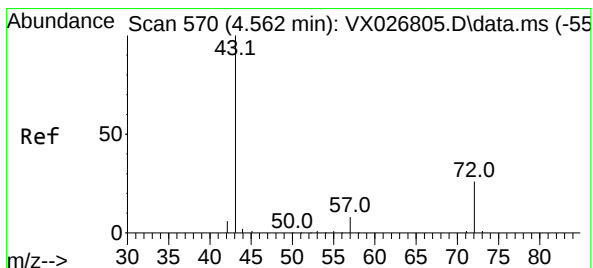
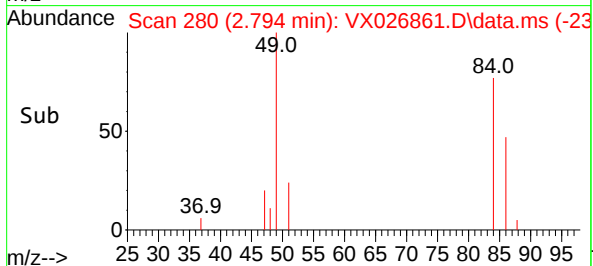
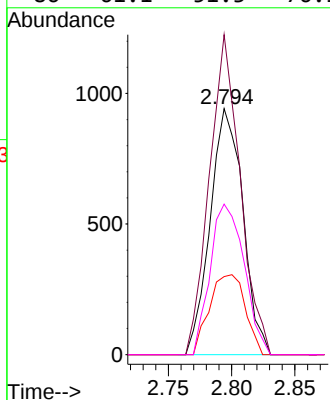


#20
Methylene Chloride
Concen: 1.113 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Instrument :
MSVOA_X
ClientSampleId :

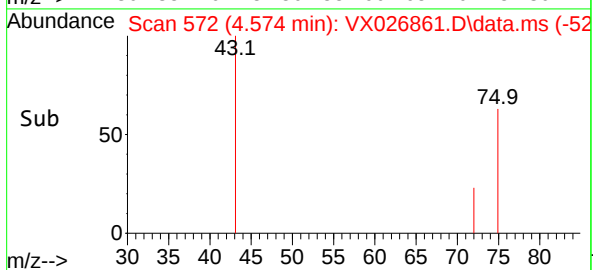
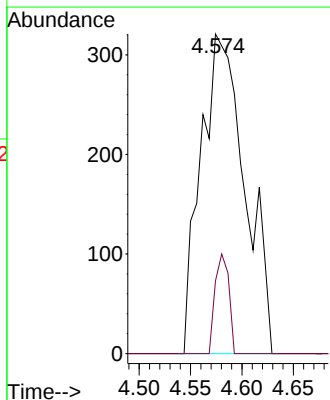
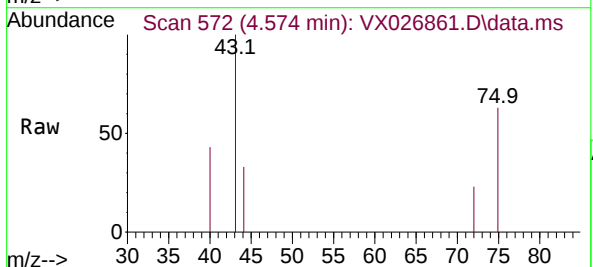


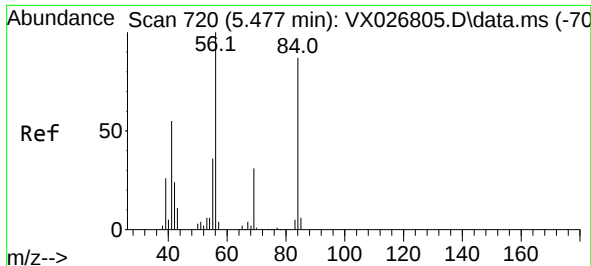
Tgt Ion:	84	Resp:	1695
Ion	Ratio	Lower	Upper
84	100		
49	130.0	101.5	152.3
51	31.7	31.2	46.8
86	61.1	51.3	76.9



#25
2-Butanone
Concen: 0.847 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

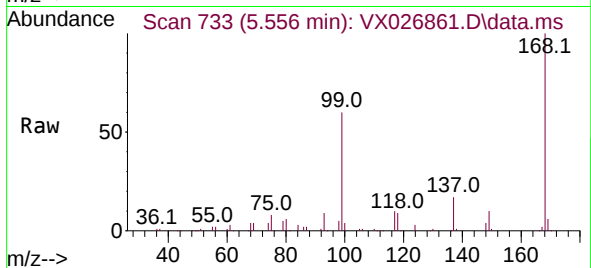
Tgt Ion:	43	Resp:	959
Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.4	30.6



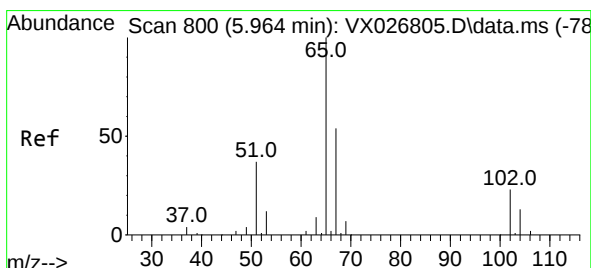
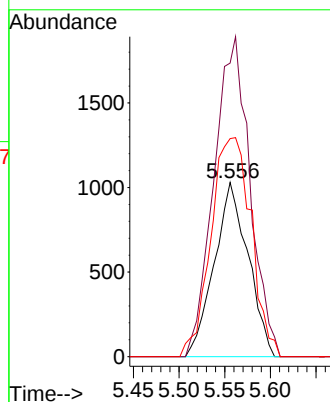
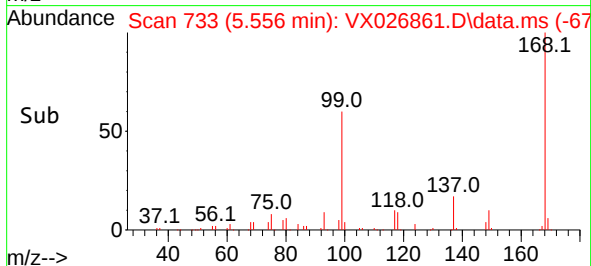


#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Instrument :
MSVOA_X
ClientSampleId :

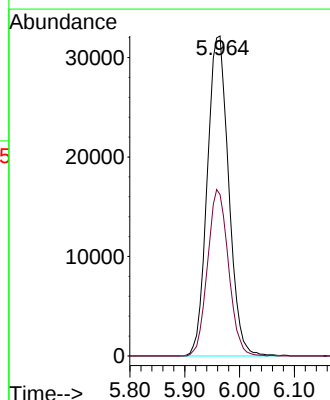
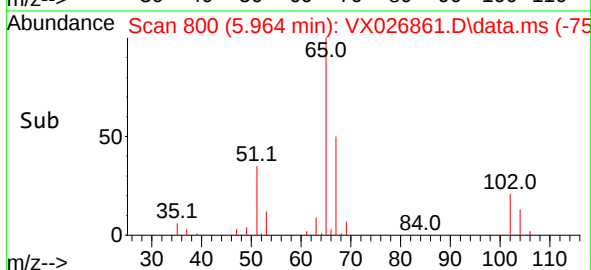
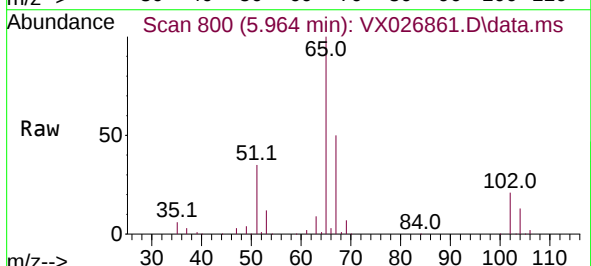


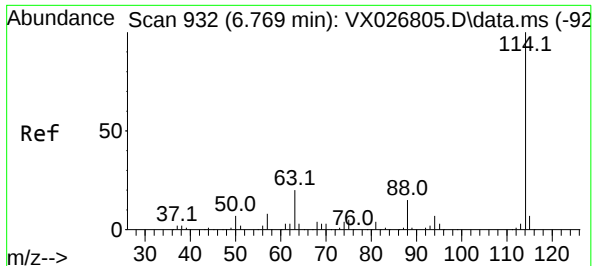
Tgt Ion: 56 Resp: 2650
Ion Ratio Lower Upper
56 100
69 168.5 25.8 38.6#
84 125.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.402 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

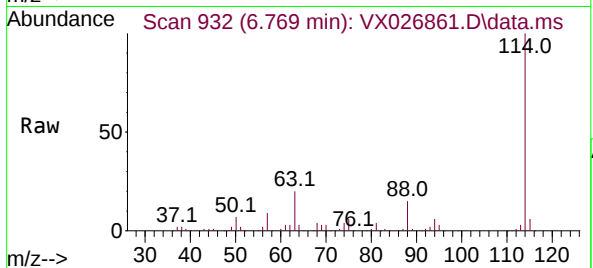
Tgt Ion: 65 Resp: 87084
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8



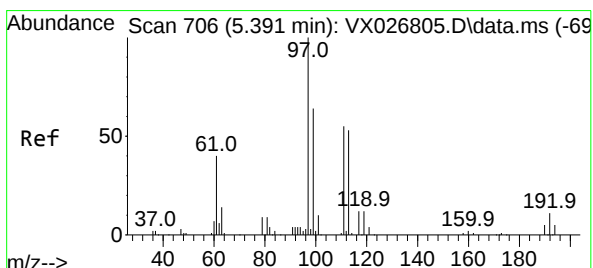
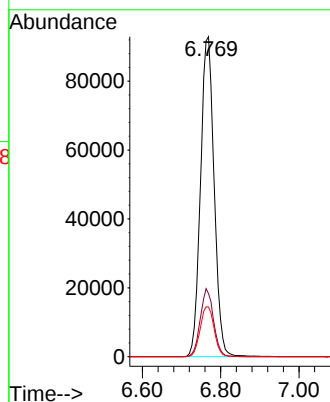
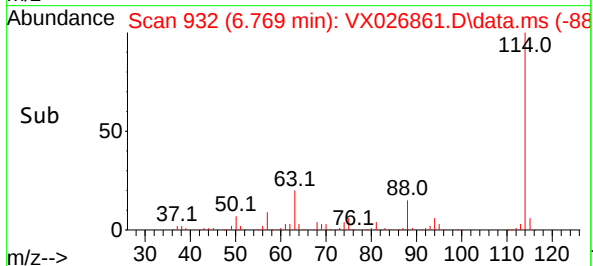


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Instrument :
MSVOA_X
ClientSampleId :

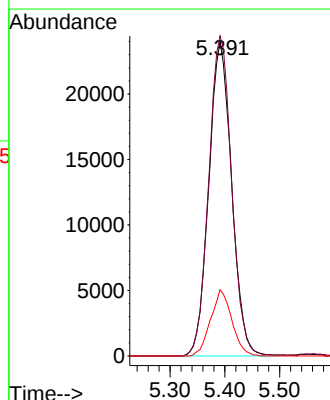
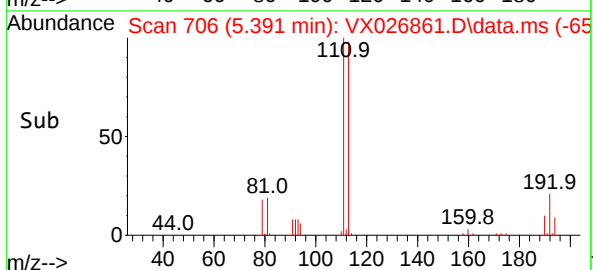
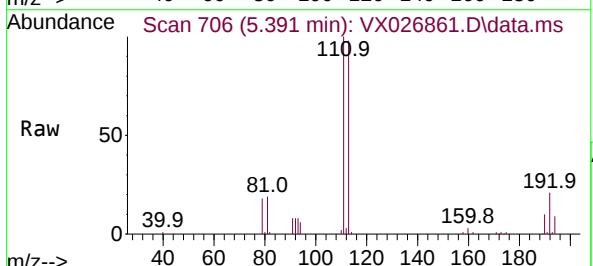


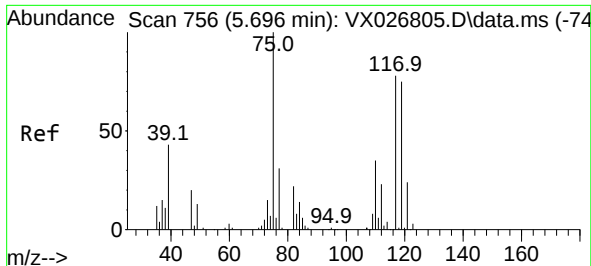
Tgt Ion:114 Resp: 224665
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.8
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.780 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Tgt Ion:113 Resp: 69308
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.987 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026861.D

Acq: 09 Feb 2022 07:01

Instrument :

MSVOA_X

ClientSampleId :

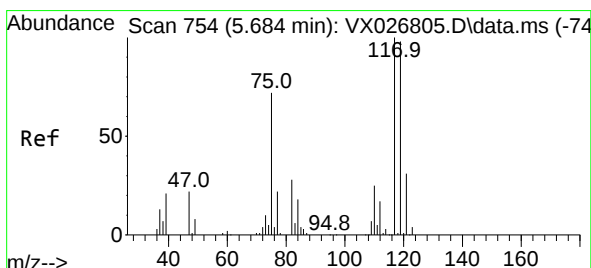
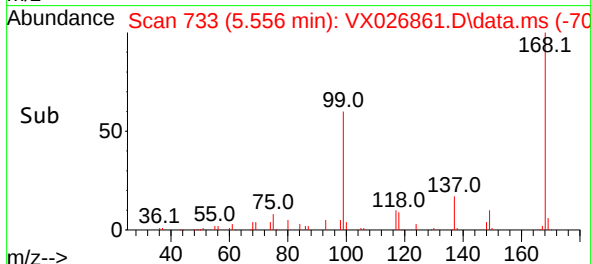
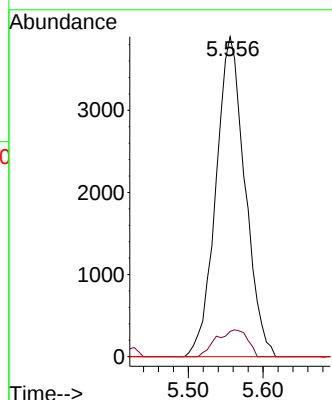
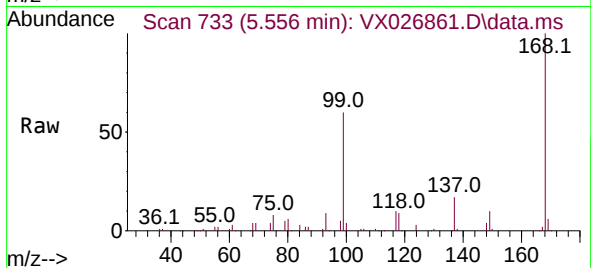
Tgt Ion: 75 Resp: 10531

Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.219 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026861.D

Acq: 09 Feb 2022 07:01

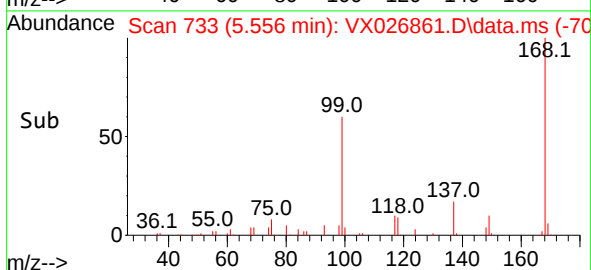
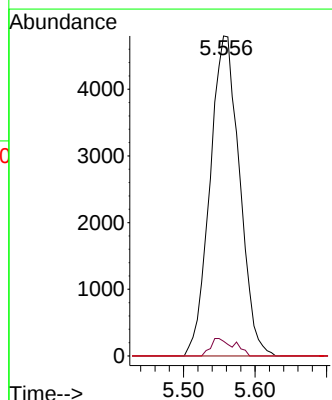
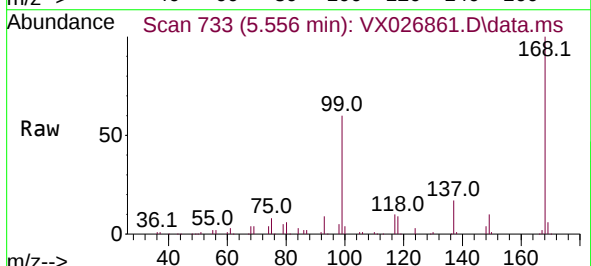
Tgt Ion: 117 Resp: 13771

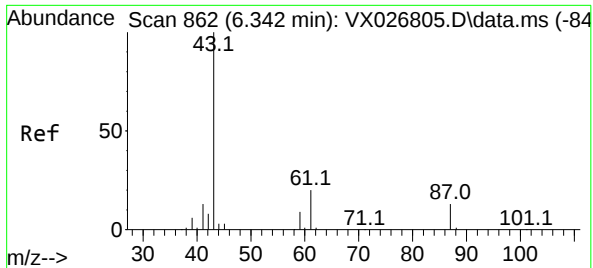
Ion Ratio Lower Upper

117 100

119 4.6 74.7 112.1#

121 0.0 25.4 38.0#

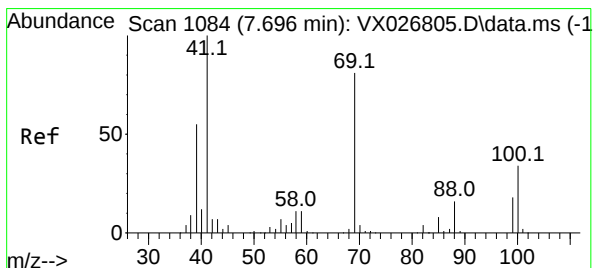
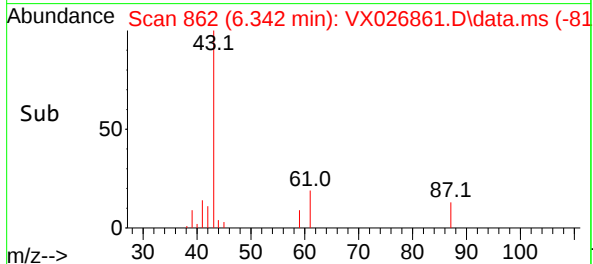
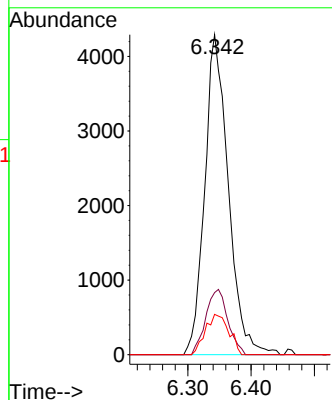
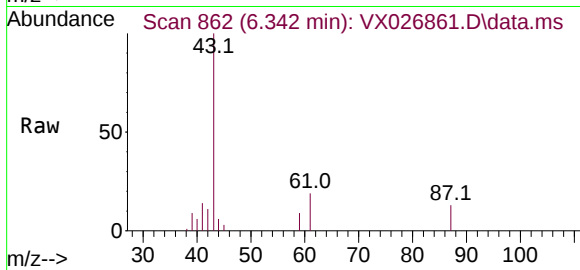




#43
Isopropyl Acetate
Concen: 3.018 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

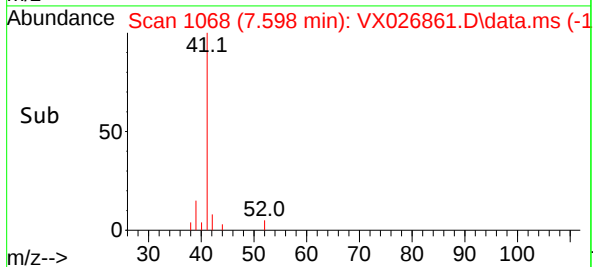
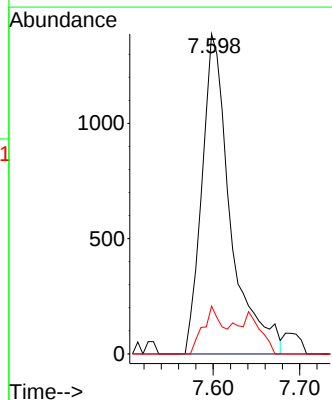
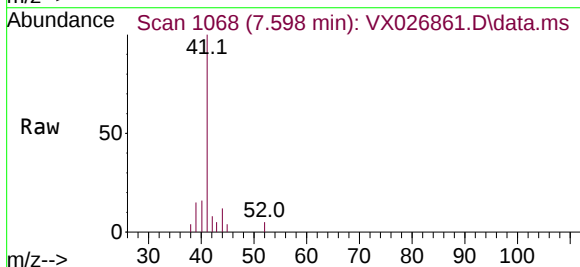
Instrument :
MSVOA_X
ClientSampleId :

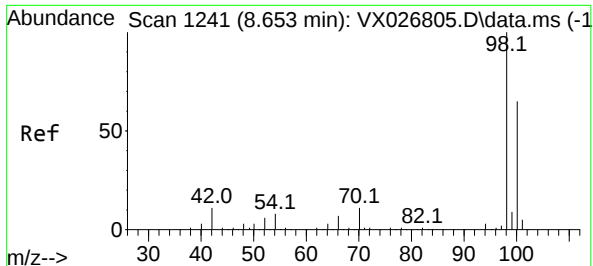
Tgt Ion: 43 Resp: 11145
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 12.5 10.2 15.2



#48
Methyl methacrylate
Concen: 1.731 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Tgt Ion: 41 Resp: 3167
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

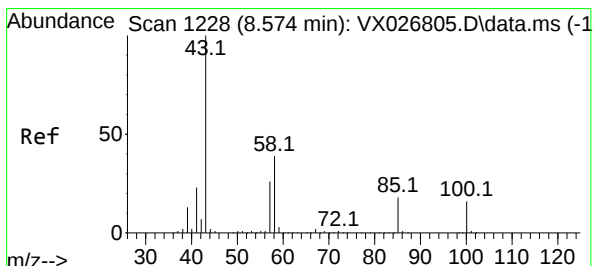
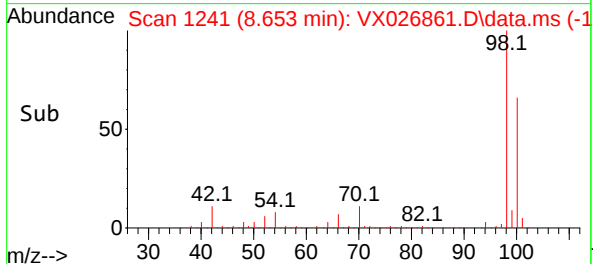
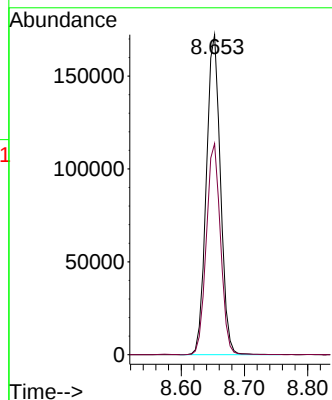
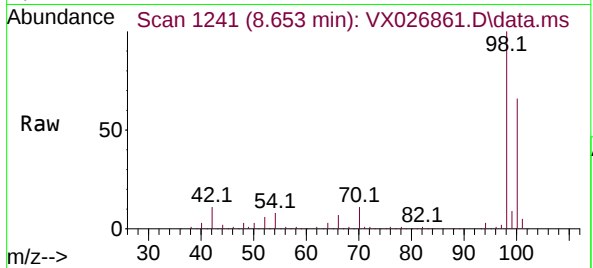




#50
Toluene-d8
Concen: 54.517 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

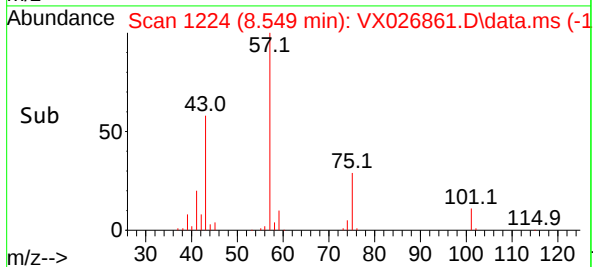
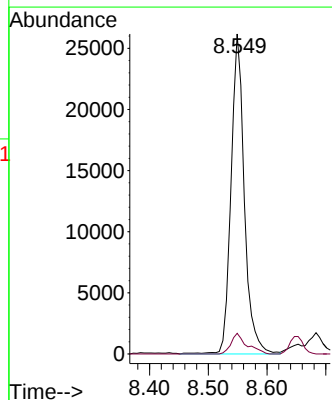
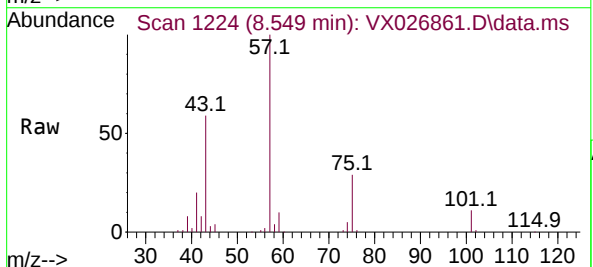
Instrument :
MSVOA_X
ClientSampleId :

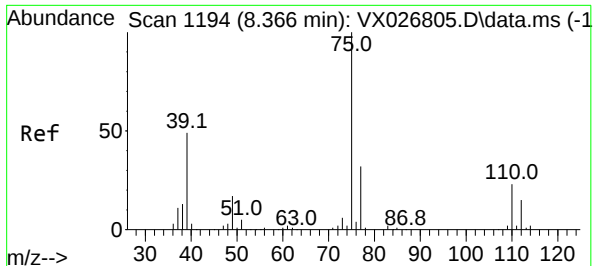
Tgt Ion: 98 Resp: 267857
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 18.449 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

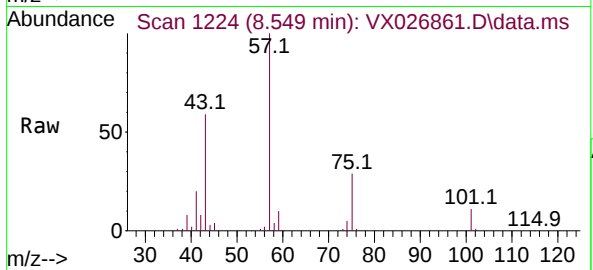
Tgt Ion: 43 Resp: 41278
Ion Ratio Lower Upper
43 100
58 7.6 30.5 45.7#



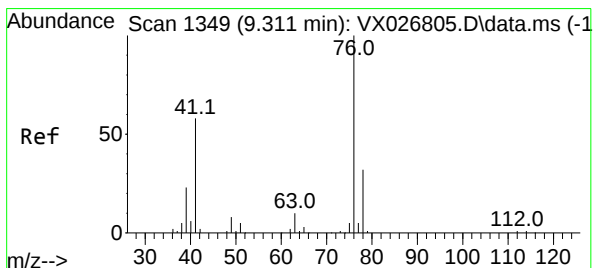
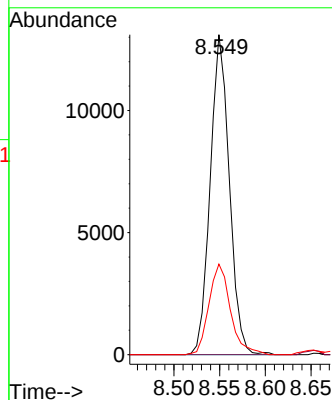
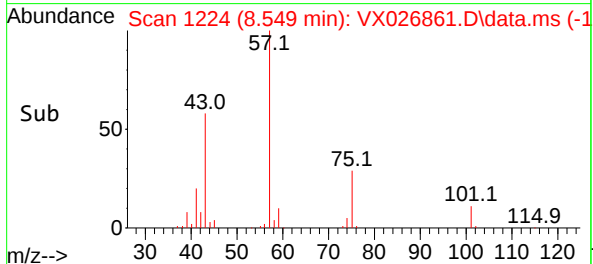


#54
 cis-1,3-Dichloropropene
 Concen: 8.343 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026861.D
 Acq: 09 Feb 2022 07:01

Instrument :
 MSVOA_X
 ClientSampleId :

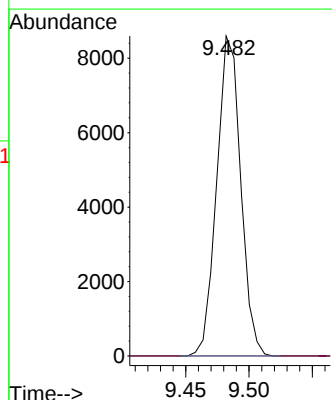
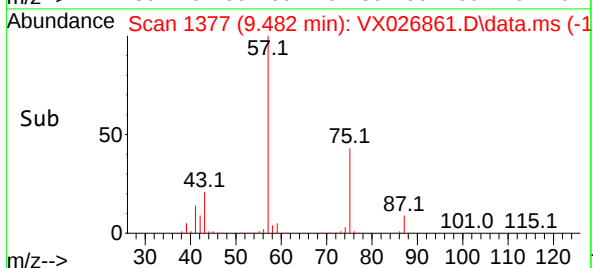
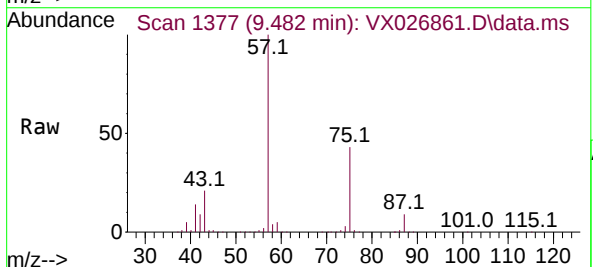


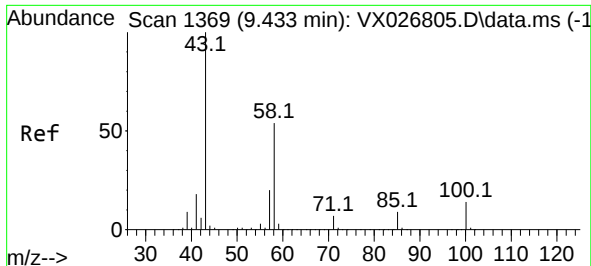
Tgt Ion: 75 Resp: 19009
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 28.3 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.464 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026861.D
 Acq: 09 Feb 2022 07:01

Tgt Ion: 76 Resp: 11307
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 95.867 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026861.D

Acq: 09 Feb 2022 07:01

Instrument :

MSVOA_X

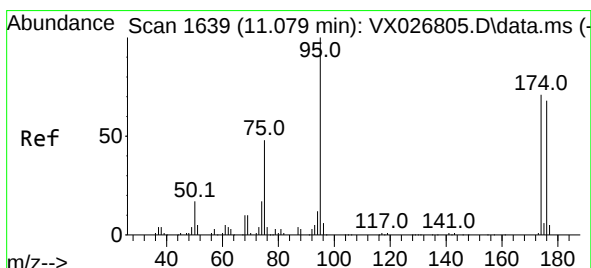
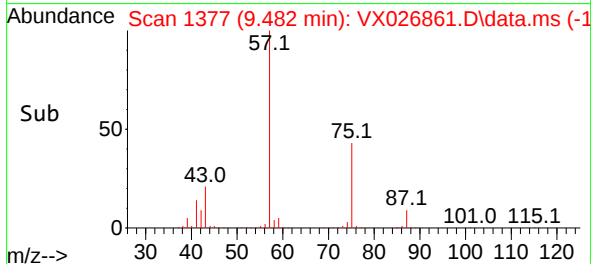
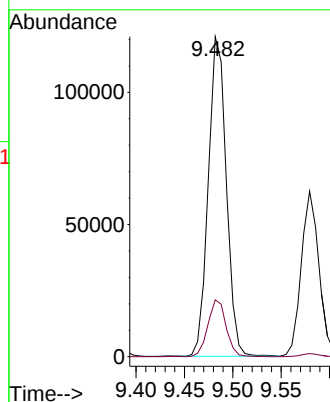
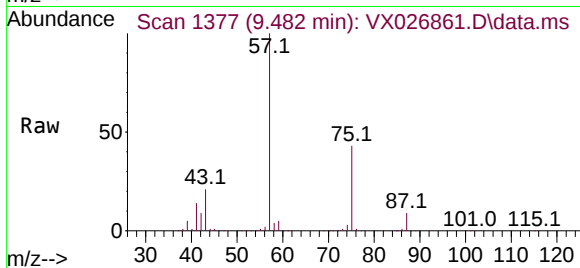
ClientSampleId :

Tgt Ion: 43 Resp: 156893

Ion Ratio Lower Upper

43 100

58 18.1 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 57.382 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026861.D

Acq: 09 Feb 2022 07:01

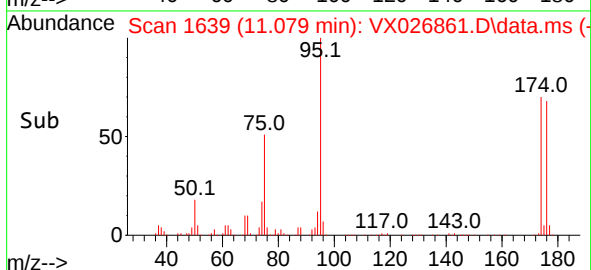
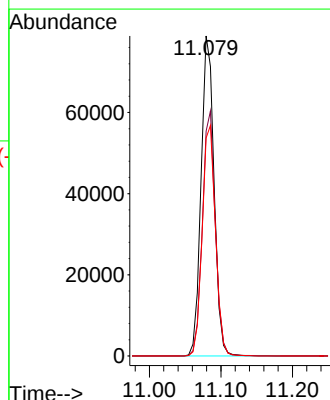
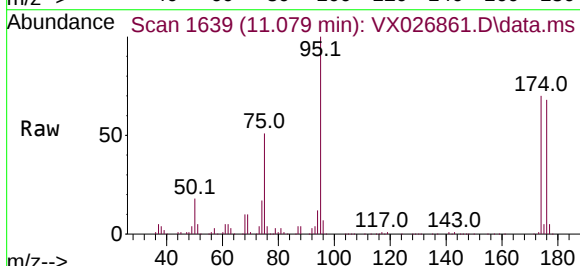
Tgt Ion: 95 Resp: 99259

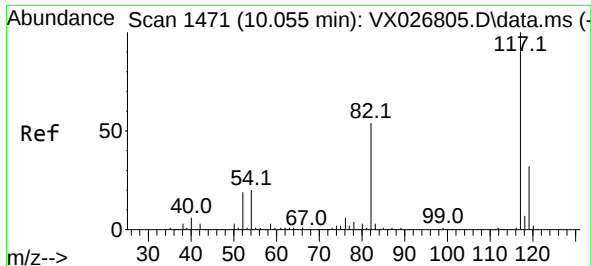
Ion Ratio Lower Upper

95 100

174 75.9 0.0 148.6

176 73.6 0.0 141.4

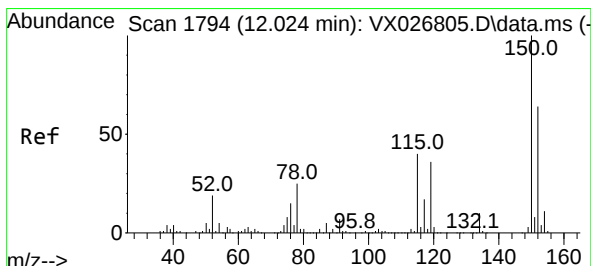
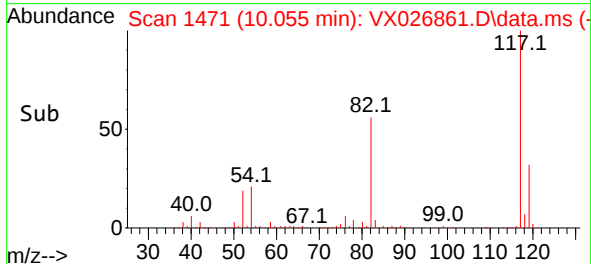
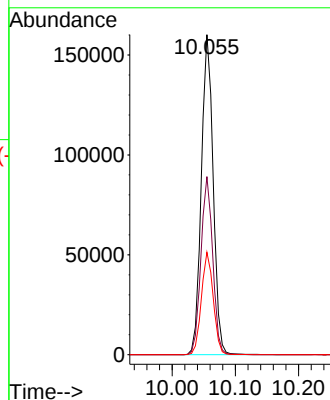
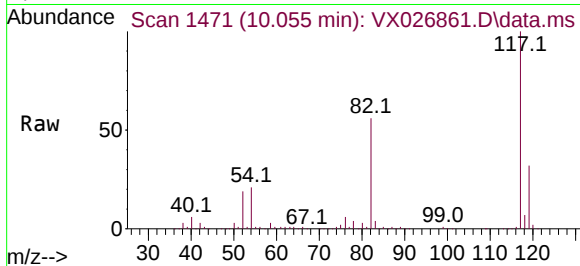




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

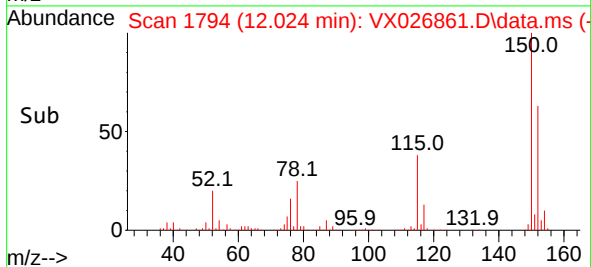
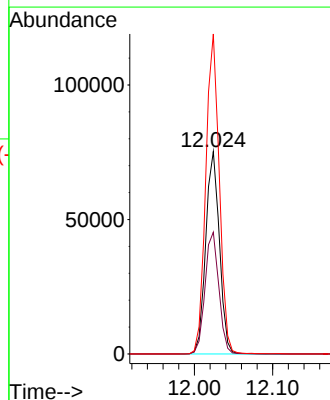
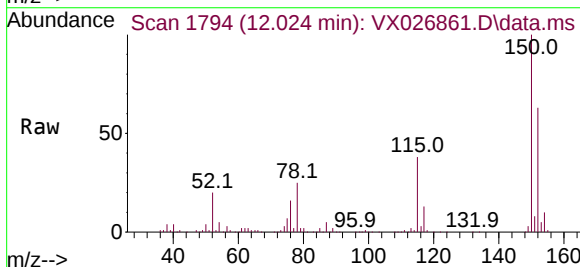
Instrument :
MSVOA_X
ClientSampleId :

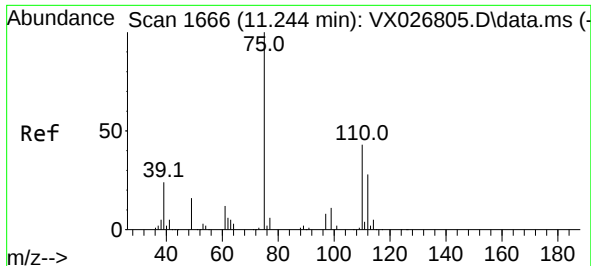
Tgt Ion:117 Resp: 208847
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Tgt Ion:152 Resp: 90989
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 156.3 0.0 348.2

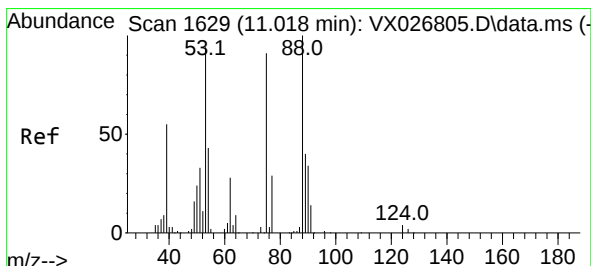
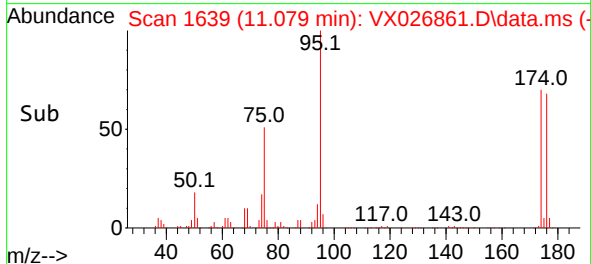
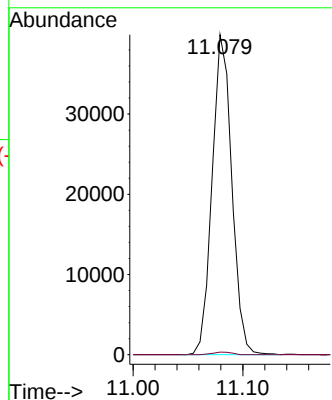
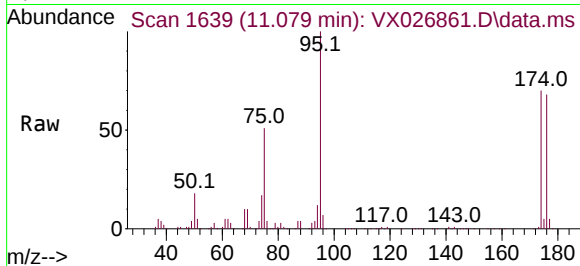




#76
1,2,3-Trichloropropane
Concen: 25.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49796
Ion Ratio Lower Upper
75 100
77 0.8 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026861.D
Acq: 09 Feb 2022 07:01

Tgt Ion: 75 Resp: 49796
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

