

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026834.D
 Acq On : 08 Feb 2022 19:52
 Operator : JC/MD
 Sample : N1400-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 09 03:06:56 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)

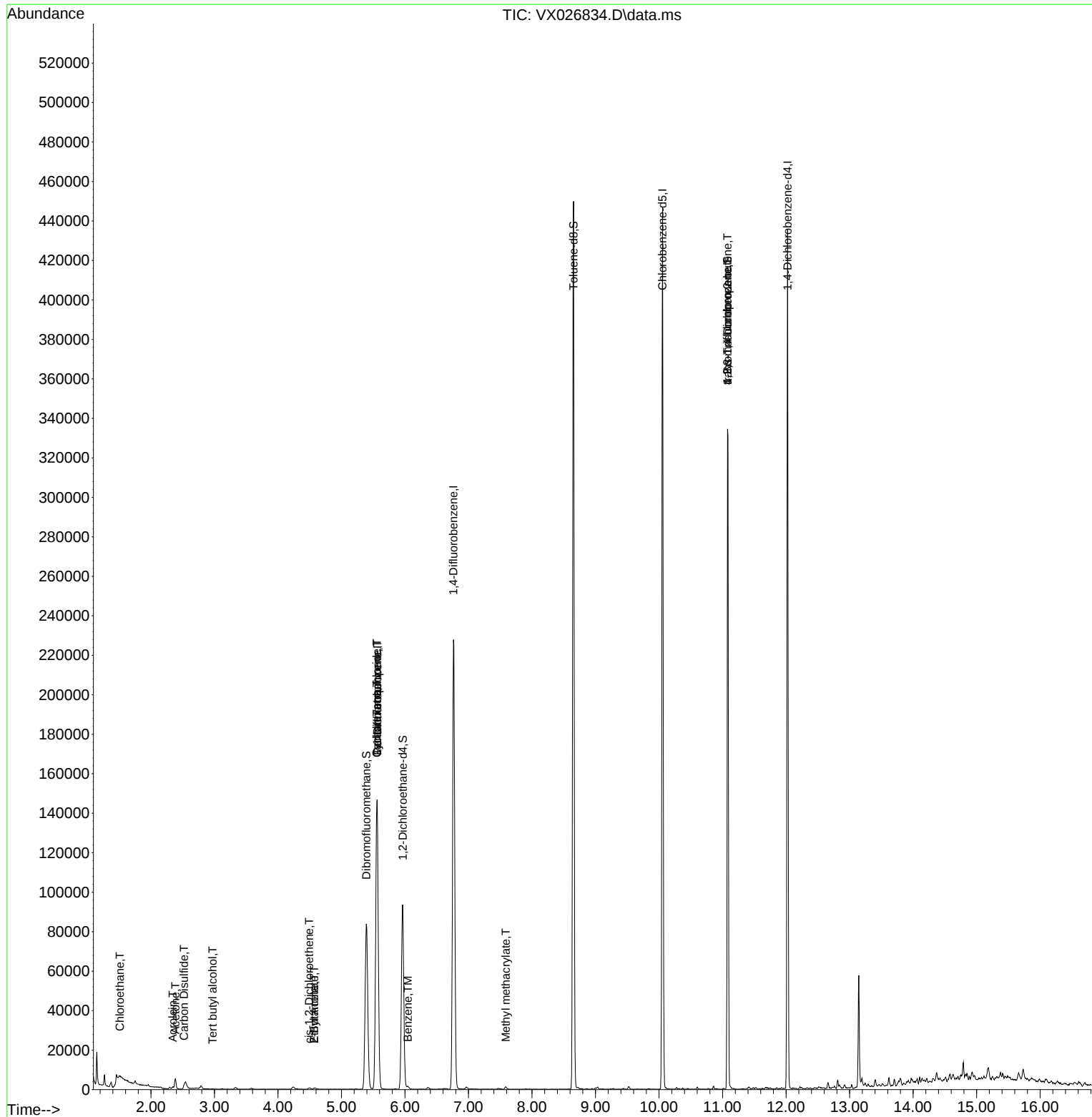
Internal Standards						
1) Pentafluorobenzene	5.562	168	140852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89897	53.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.340%	
35) Dibromofluoromethane	5.391	113	74516	53.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.040%	
50) Toluene-d8	8.653	98	264940	51.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	11.079	95	95347	52.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.980%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.508	64	22761	26.014	ug/l #	51
11) Tert butyl alcohol	2.971	59	63	0.206	ug/l #	75
13) Acrolein	2.343	56	134	0.475	ug/l #	32
16) Acetone	2.386	43	6268	8.441	ug/l	95
17) Carbon Disulfide	2.520	76	4455	1.092	ug/l #	89
25) 2-Butanone	4.568	43	1159	0.969	ug/l #	84
27) cis-1,2-Dichloroethene	4.489	96	424	0.243	ug/l	94
31) Cyclohexane	5.556	56	2926	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10696	4.824	ug/l #	51
37) Ethyl Acetate	4.568	43	1159	0.460	ug/l #	69
38) Carbon Tetrachloride	5.556	117	14521	6.245	ug/l #	16
40) Benzene	6.044	78	1417	0.219	ug/l	99
48) Methyl methacrylate	7.586	41	415	0.216	ug/l #	38
76) 1,2,3-Trichloropropane	11.079	75	46909	24.631	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46909	75.181	ug/l #	4

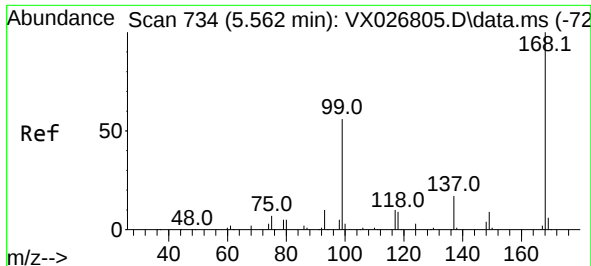
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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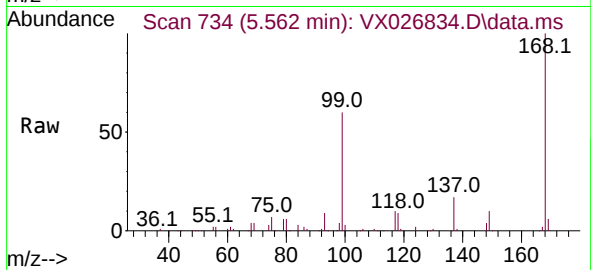
Quant Time: Feb 09 03:06:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



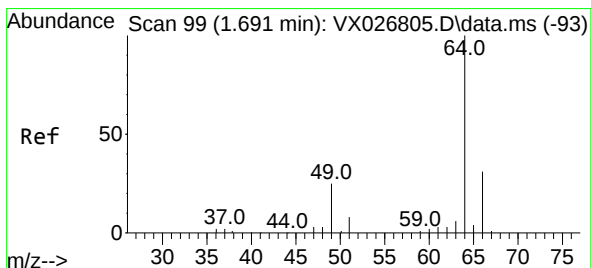
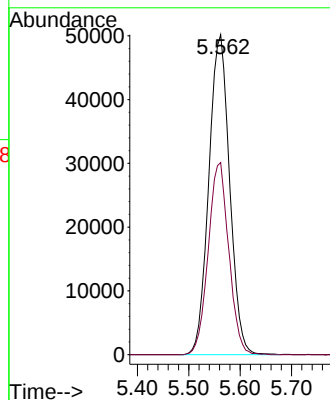
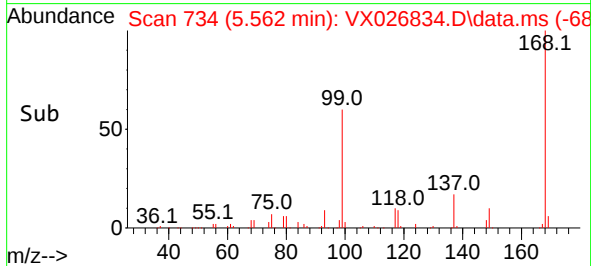


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :

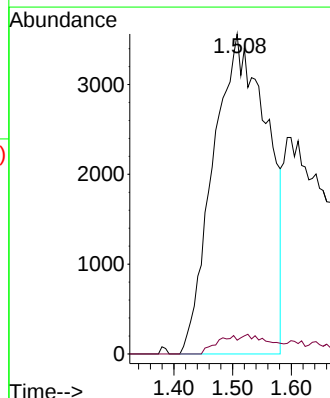
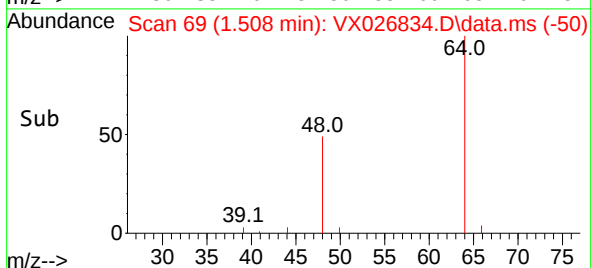
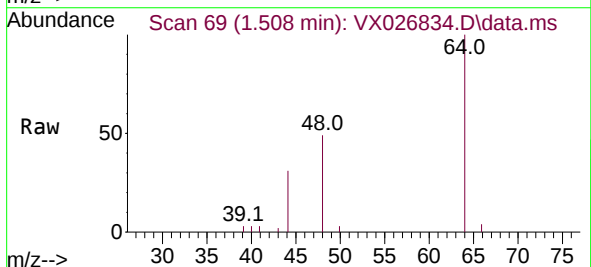


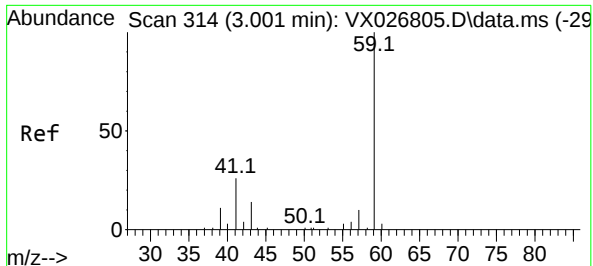
Tgt Ion:168 Resp: 140852
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#6
Chloroethane
Concen: 26.014 ug/l
RT: 1.508 min Scan# 69
Delta R.T. -0.183 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

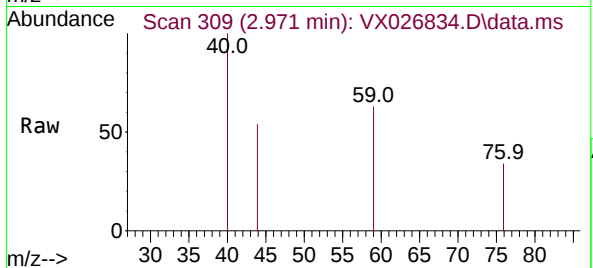
Tgt Ion: 64 Resp: 22761
Ion Ratio Lower Upper
64 100
66 4.3 25.4 38.2#



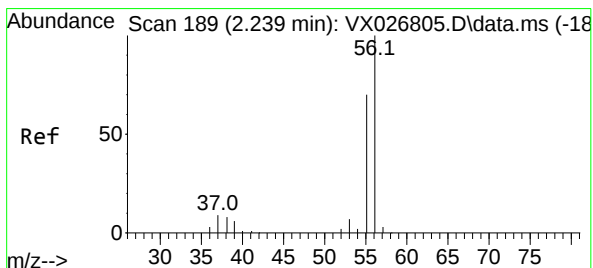
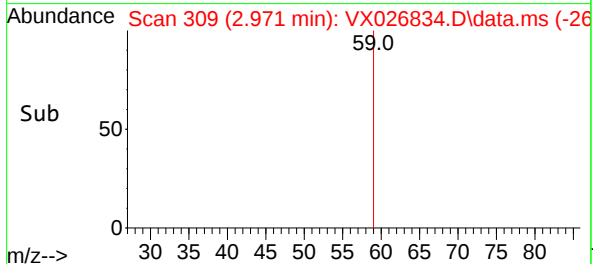
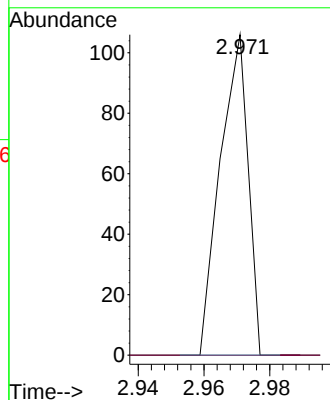


#11
Tert butyl alcohol
Concen: 0.206 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :

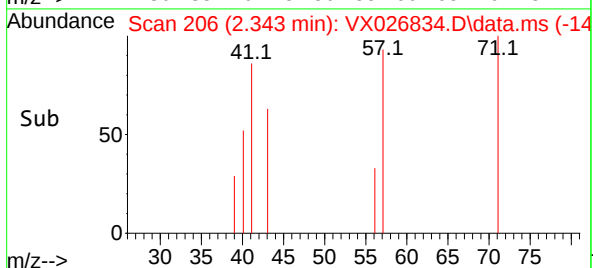
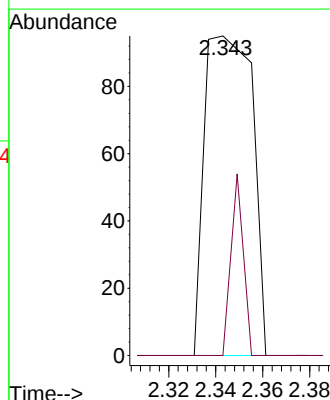
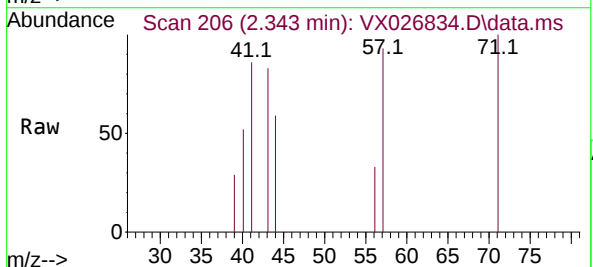


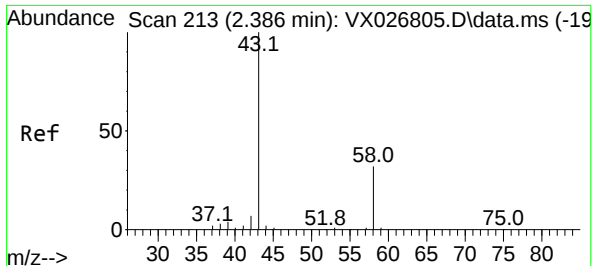
Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#13
Acrolein
Concen: 0.475 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.104 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Tgt Ion: 56 Resp: 134
Ion Ratio Lower Upper
56 100
55 14.9 56.9 85.3#

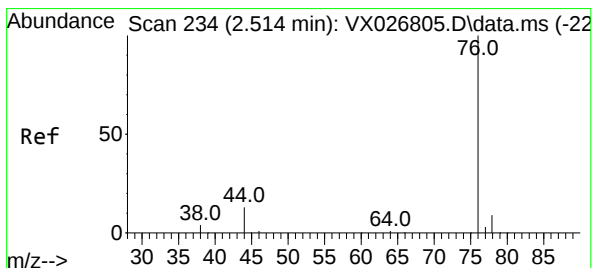
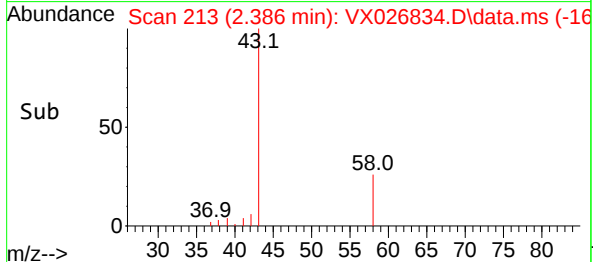
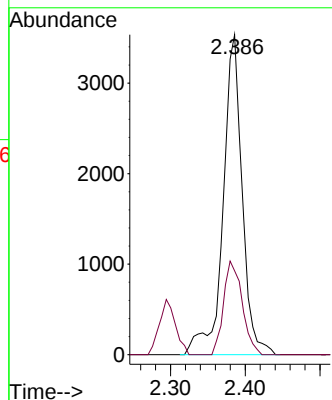
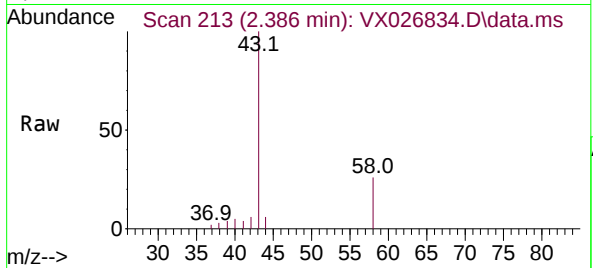




#16
Acetone
Concen: 8.441 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

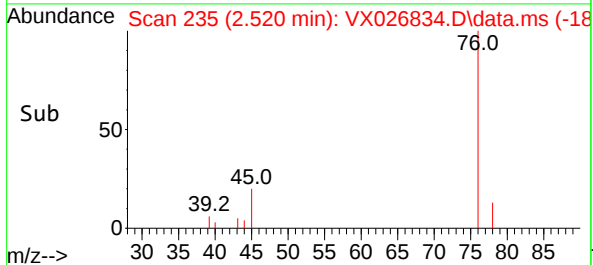
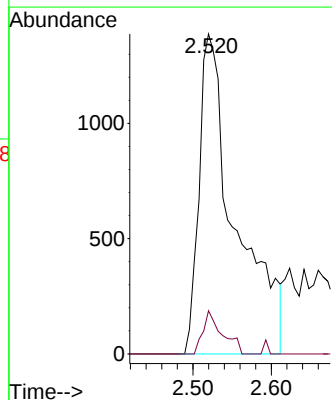
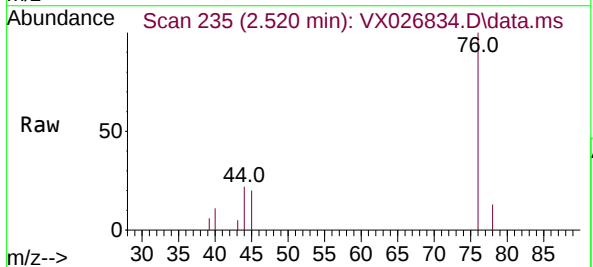
Instrument :
MSVOA_X
ClientSampleId :

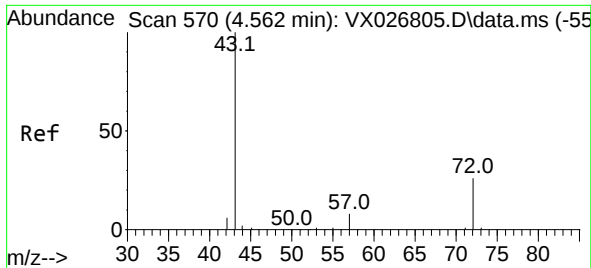
Tgt Ion: 43 Resp: 6268
Ion Ratio Lower Upper
43 100
58 26.2 23.0 34.6



#17
Carbon Disulfide
Concen: 1.092 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Tgt Ion: 76 Resp: 4455
Ion Ratio Lower Upper
76 100
78 13.5 7.5 11.3#

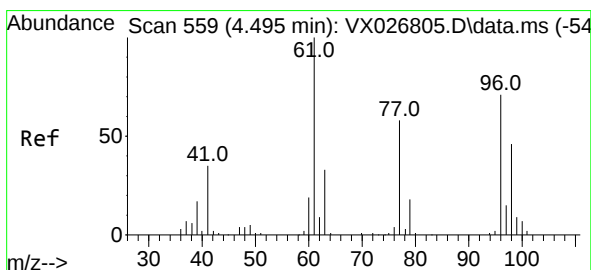
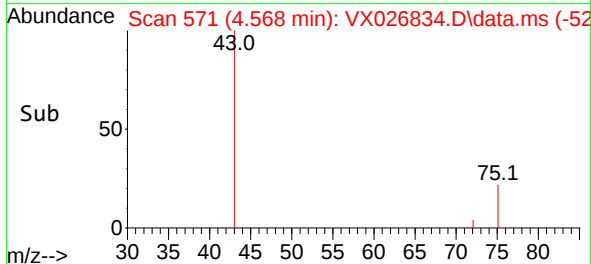
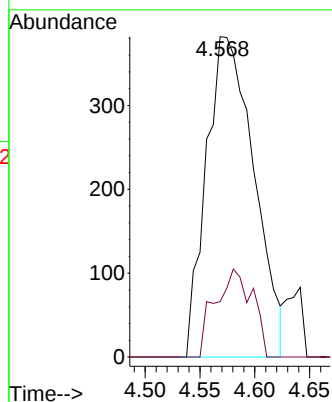
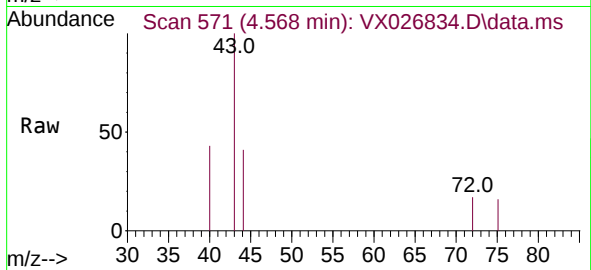




#25
2-Butanone
Concen: 0.969 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

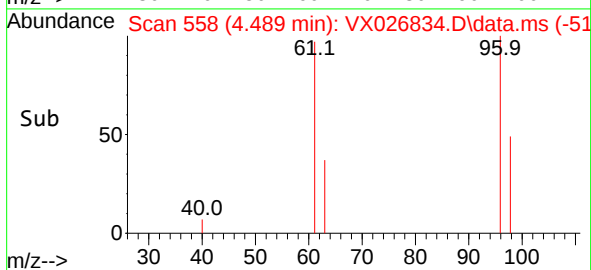
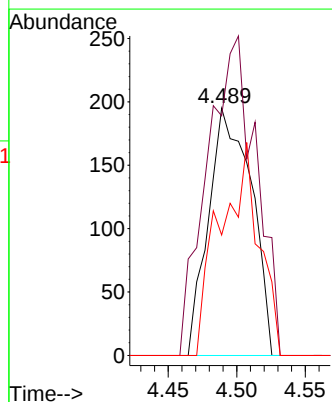
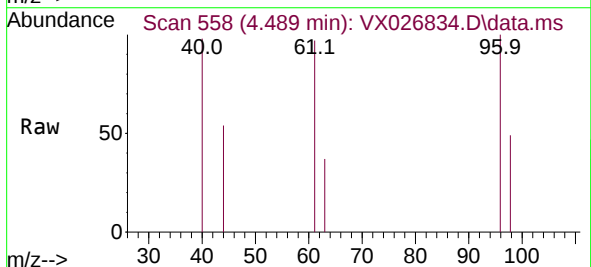
Instrument :
MSVOA_X
ClientSampleId :

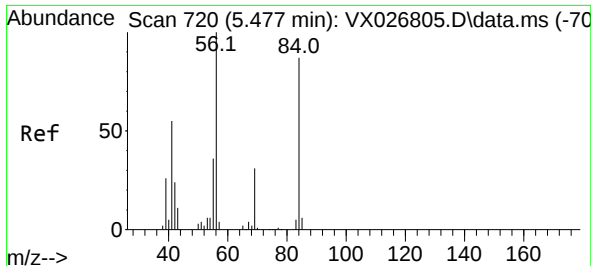
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
72 17.3 20.4 30.6#



#27
cis-1,2-Dichloroethene
Concen: 0.243 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

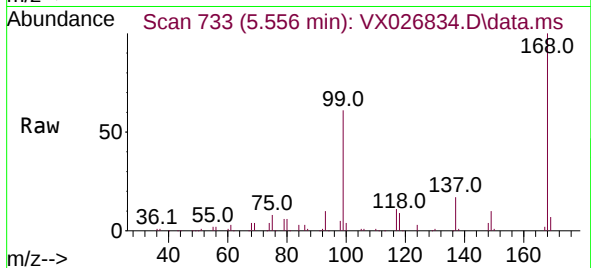
Tgt Ion: 96 Resp: 424
Ion Ratio Lower Upper
96 100
61 146.9 0.0 296.6
98 77.8 0.0 128.8



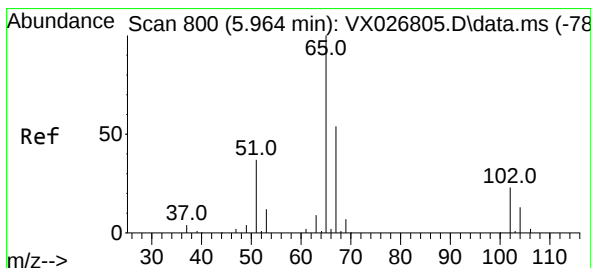
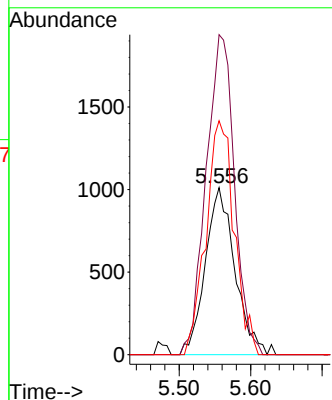
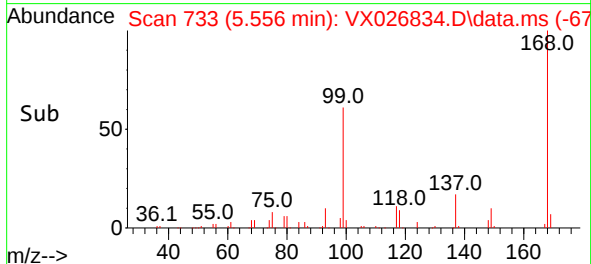


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :

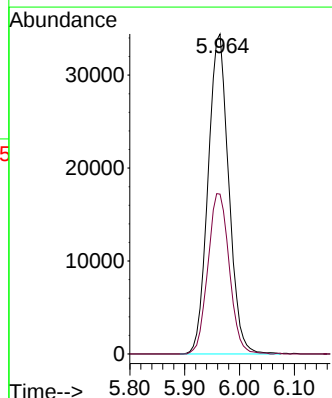
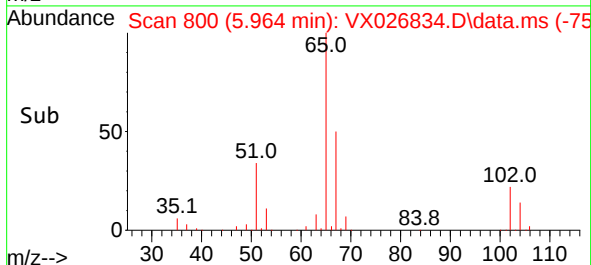
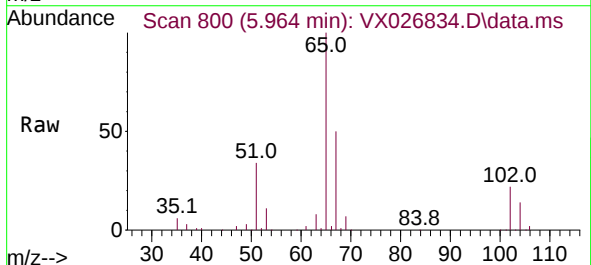


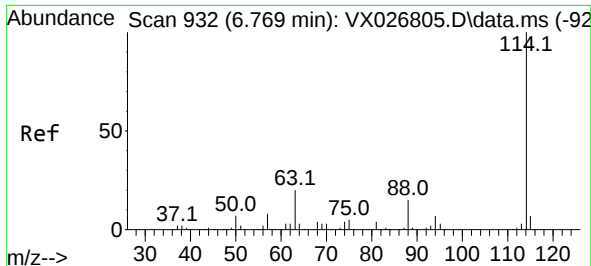
Tgt Ion: 56 Resp: 2926
Ion Ratio Lower Upper
56 100
69 191.5 25.8 38.6#
84 140.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.169 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Tgt Ion: 65 Resp: 89897
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.8

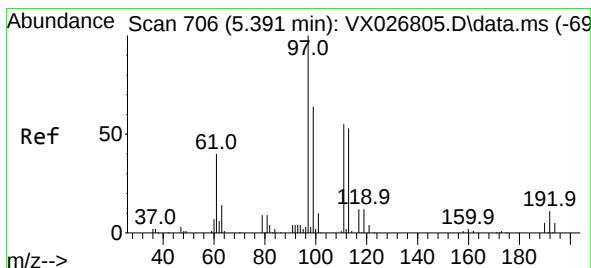
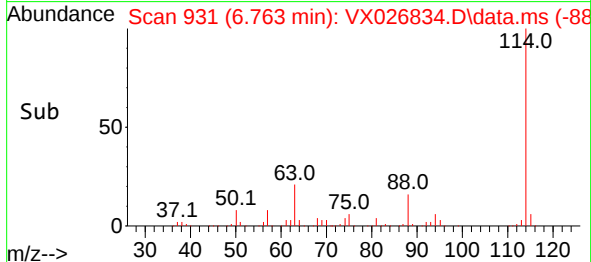
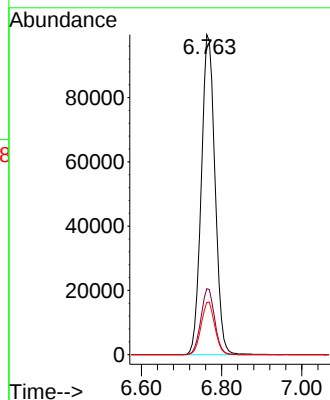
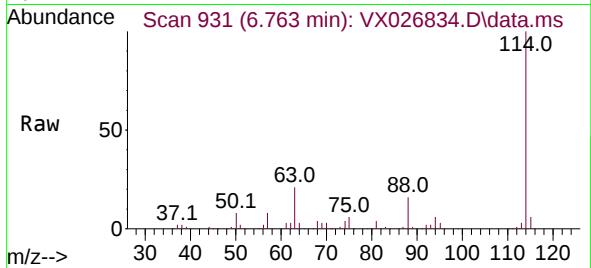




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

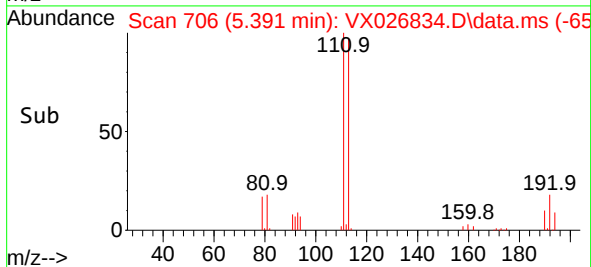
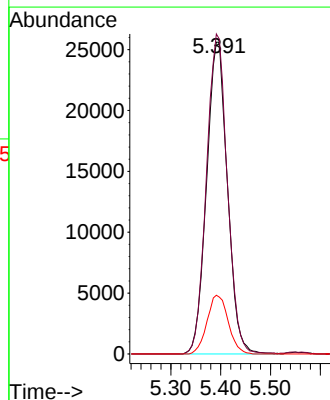
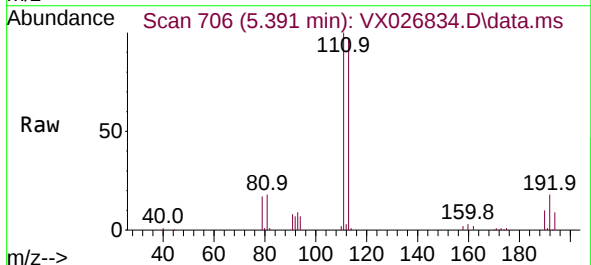
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MSVOA_X
ClientSampleId :

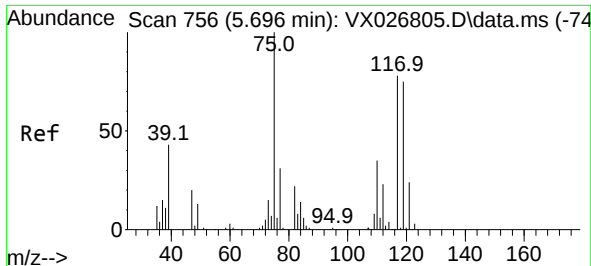
Tgt Ion:114 Resp: 235919
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.015 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

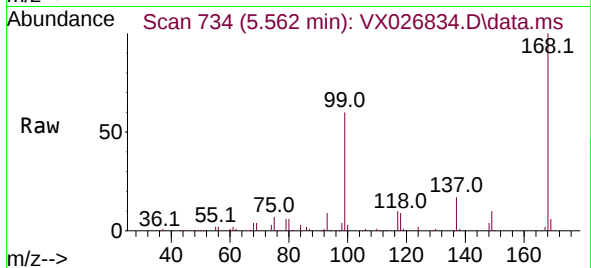
Tgt Ion:113 Resp: 74516
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.1 15.0 22.4



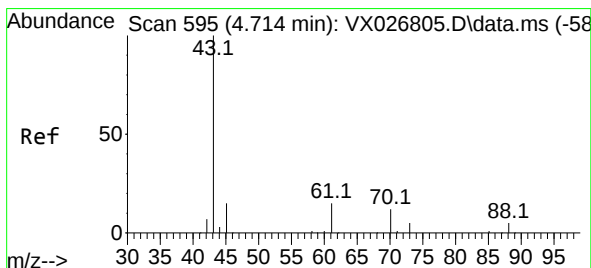
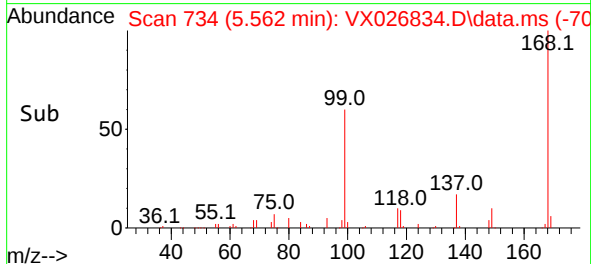
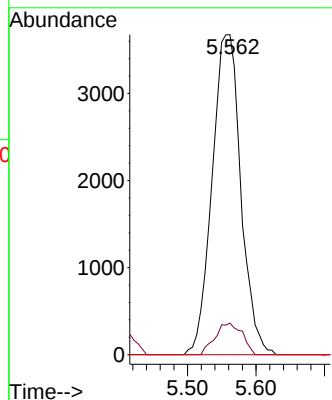


#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :

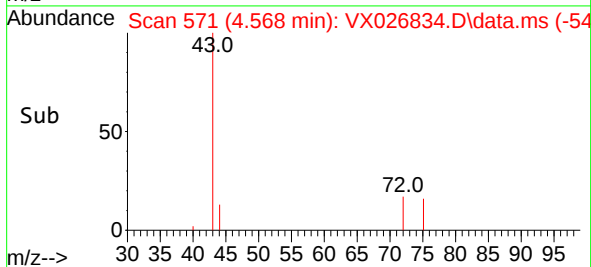
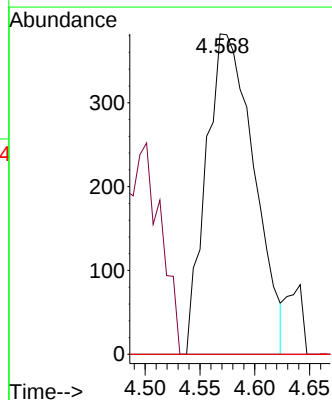
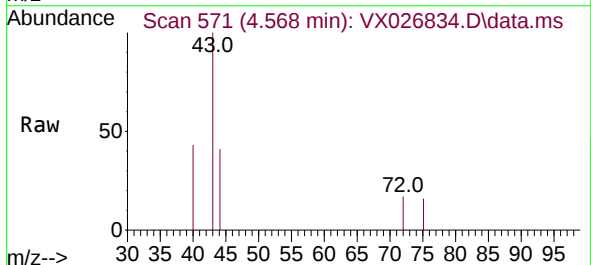


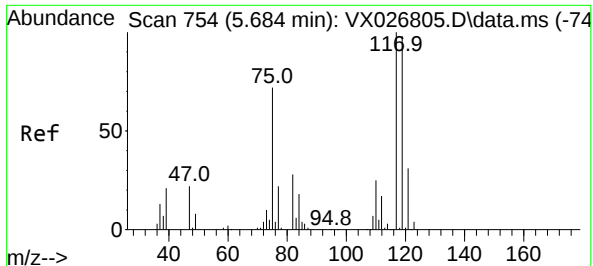
Tgt Ion: 75 Resp: 10696
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 0.460 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.146 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

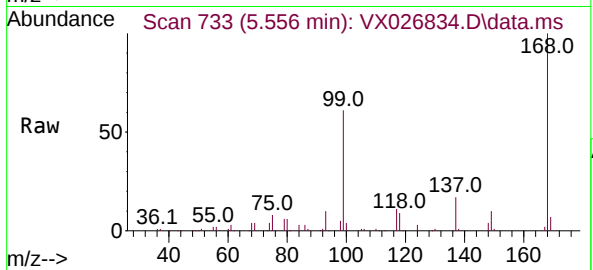
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



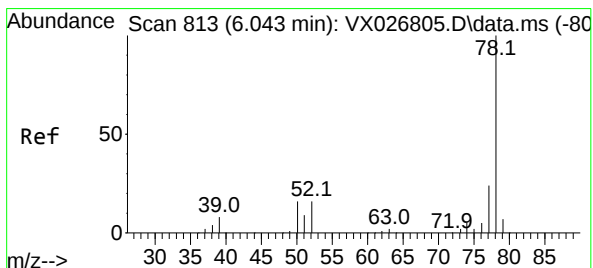
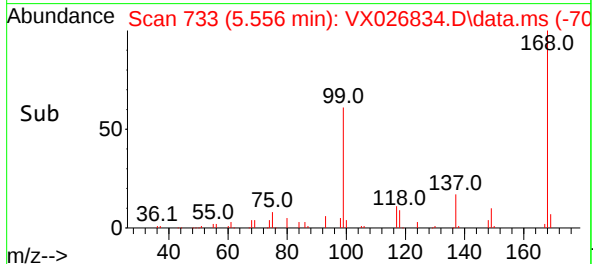
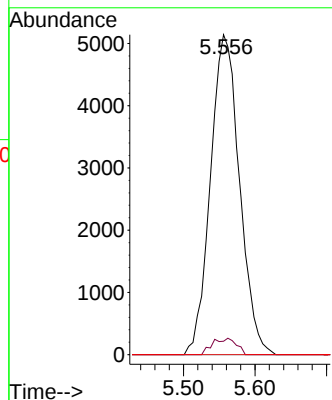


#38
Carbon Tetrachloride
Concen: 6.245 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :

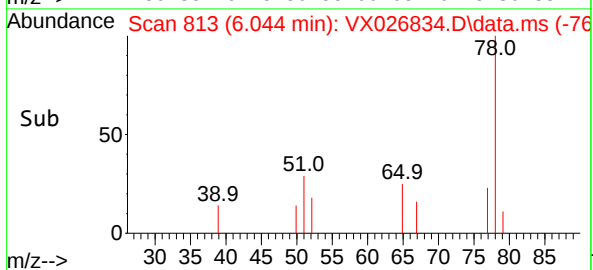
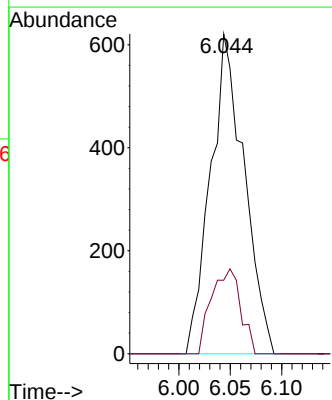
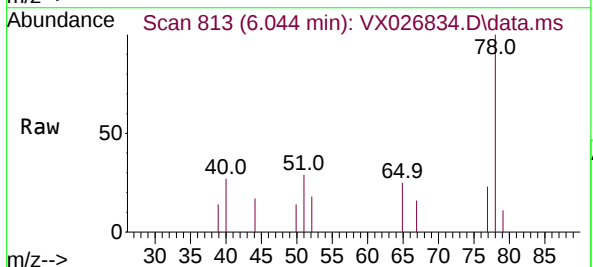


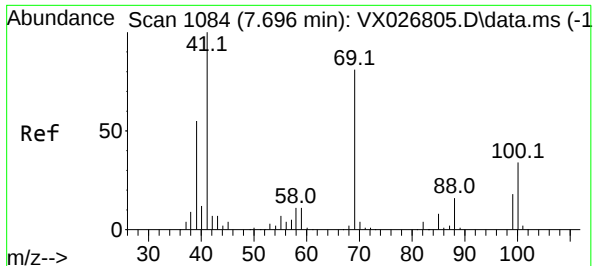
Tgt Ion:117 Resp: 14521
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 0.219 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Tgt Ion: 78 Resp: 1417
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3





#48

Methyl methacrylate

Concen: 0.216 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.110 min

Lab File: VX026834.D

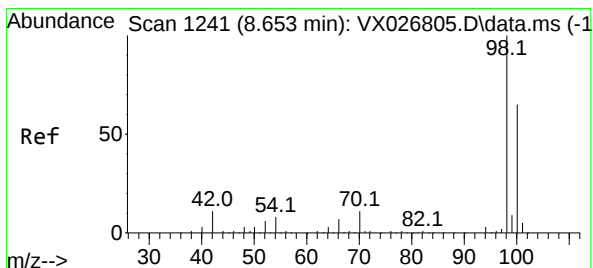
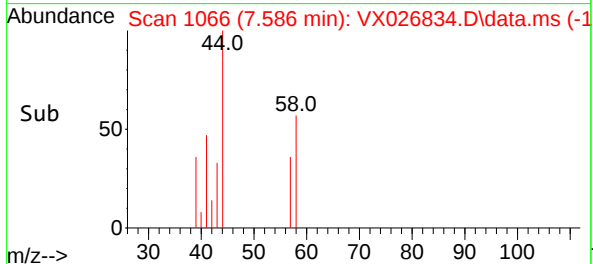
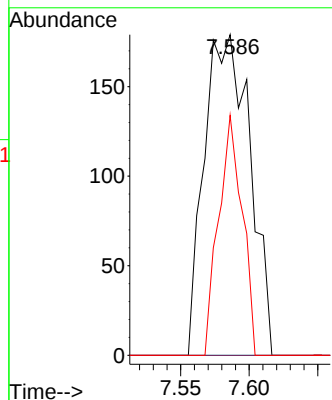
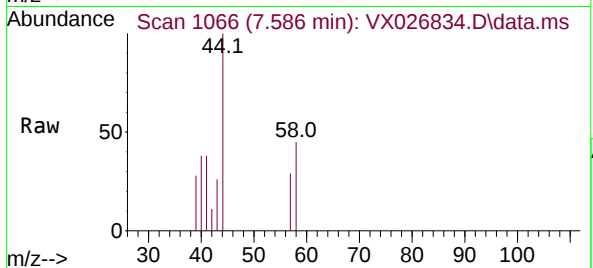
Acq: 08 Feb 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 415
Ion Ratio	Lower Upper
41 100	
69 0.0	62.2 93.4#
39 38.6	45.4 68.0#



#50

Toluene-d8

Concen: 51.351 ug/l

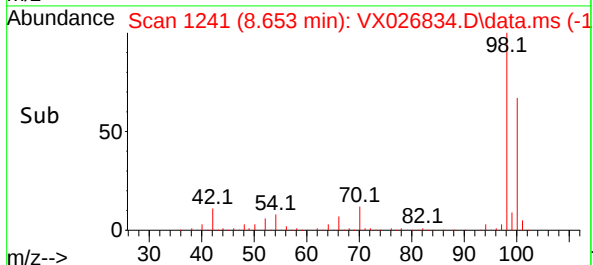
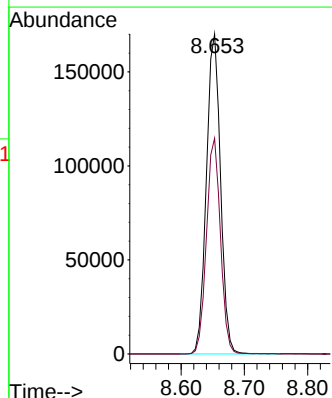
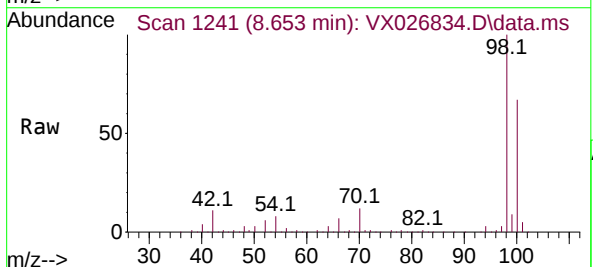
RT: 8.653 min Scan# 1241

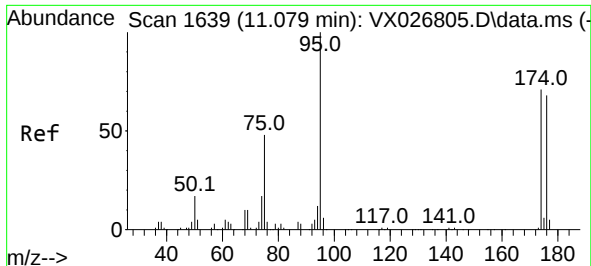
Delta R.T. 0.000 min

Lab File: VX026834.D

Acq: 08 Feb 2022 19:52

Tgt Ion: 98	Resp: 264940
Ion Ratio	Lower Upper
98 100	
100 66.5	53.2 79.8

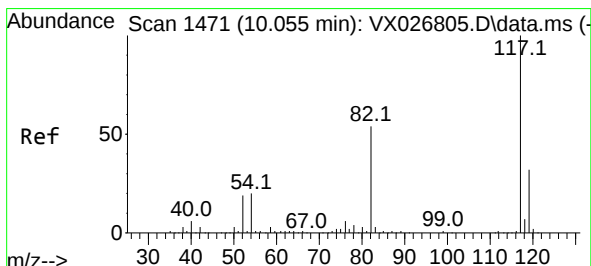
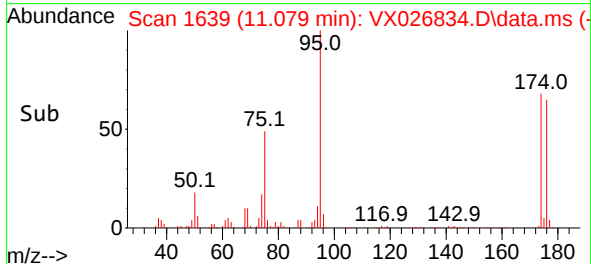
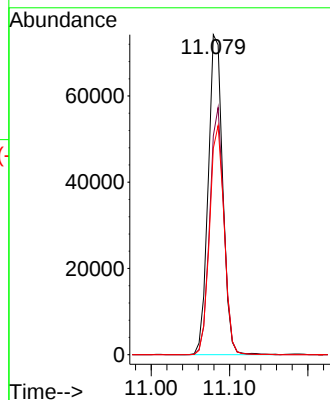
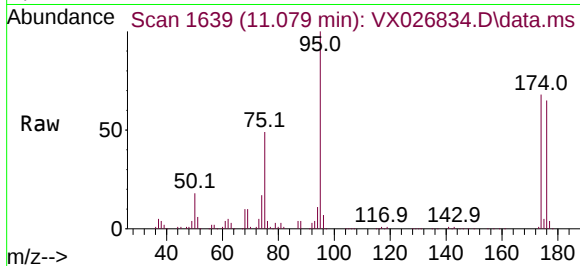




#62
4-Bromofluorobenzene
Concen: 52.491 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

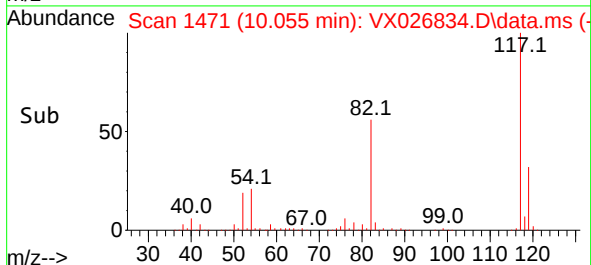
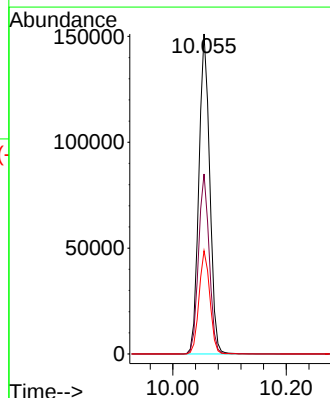
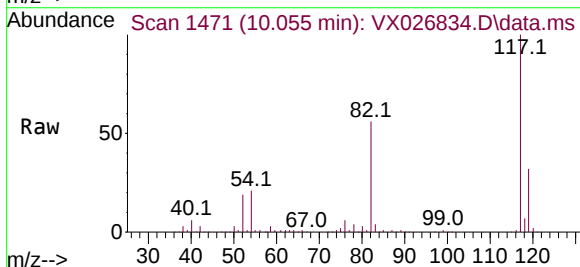
Instrument :
MSVOA_X
ClientSampleId :

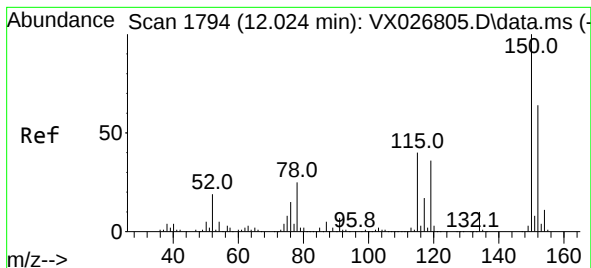
Tgt Ion: 95 Resp: 95347
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.6
176 71.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026834.D
Acq: 08 Feb 2022 19:52

Tgt Ion: 117 Resp: 200338
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026834.D

Acq: 08 Feb 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

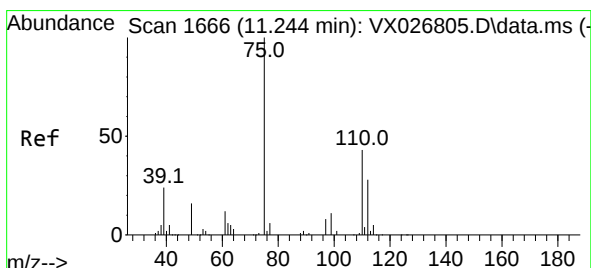
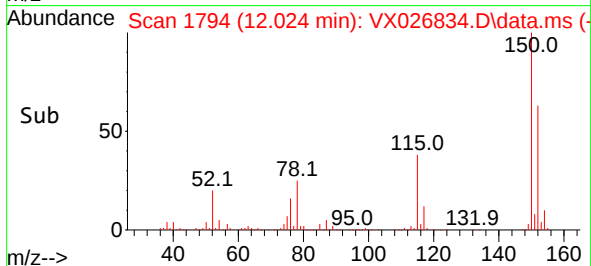
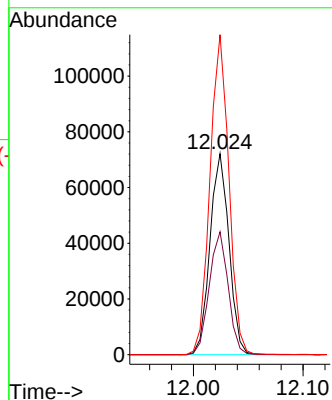
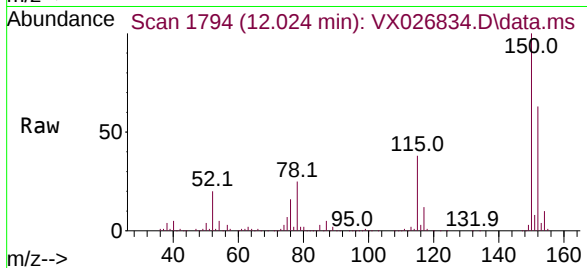
Tgt Ion:152 Resp: 86999

Ion Ratio Lower Upper

152 100

115 60.7 44.2 132.6

150 158.4 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 24.631 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX026834.D

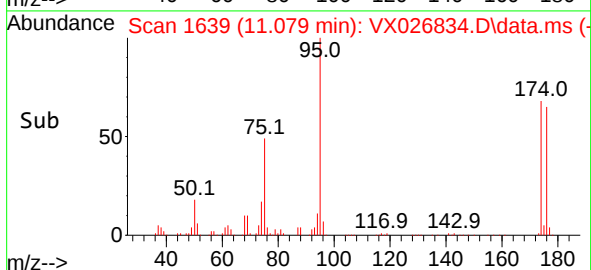
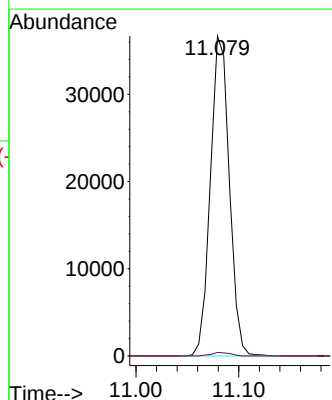
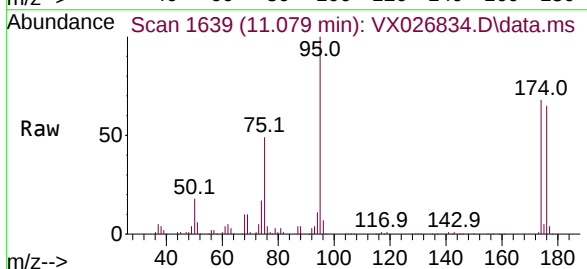
Acq: 08 Feb 2022 19:52

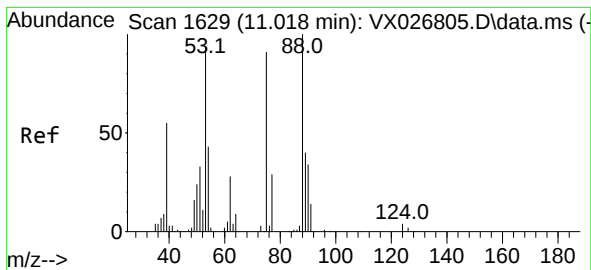
Tgt Ion: 75 Resp: 46909

Ion Ratio Lower Upper

75 100

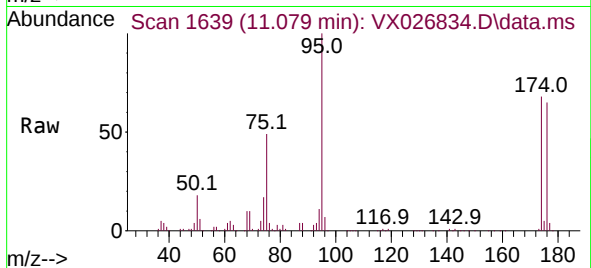
77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.181 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026834.D
 Acq: 08 Feb 2022 19:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46909
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

