

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034837.D
 Acq On : 29 Mar 2023 18:41
 Operator : JC/MD
 Sample : 02069-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 API-3-3

Quant Time: Mar 30 06:34:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

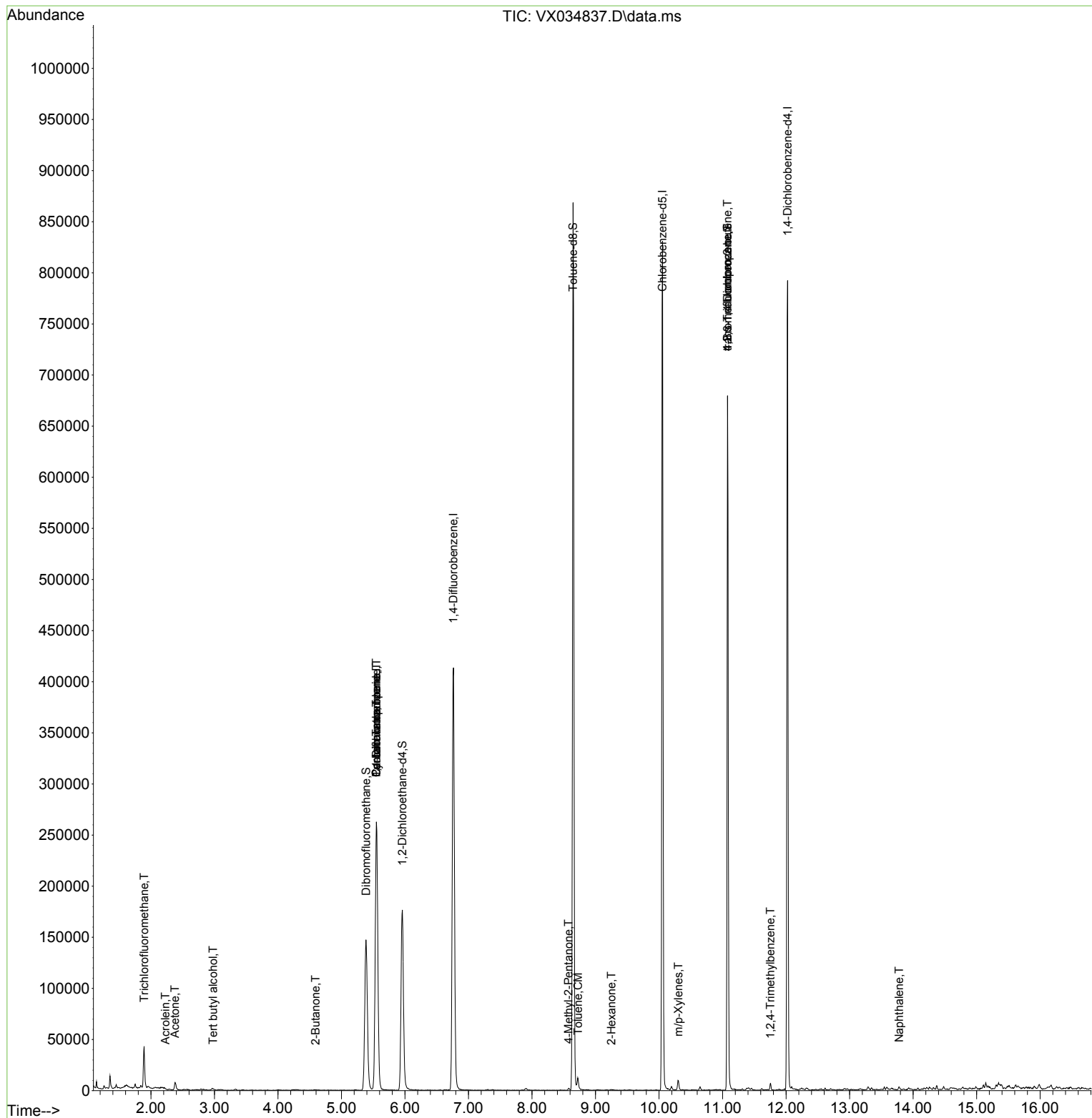
Internal Standards						
1) Pentafluorobenzene	5.550	168	240735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171297	46.527	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.060%
35) Dibromofluoromethane	5.385	113	126103	46.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.647	98	491709	49.192	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	172373	44.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.892	101	23554	4.922	ug/l	95
11) Tert butyl alcohol	2.977	59	2412	3.734	ug/l #	75
13) Acrolein	2.227	56	135	0.203	ug/l #	1
16) Acetone	2.380	43	8503	5.685	ug/l	96
25) 2-Butanone	4.593	43	579	0.266	ug/l #	51
31) Cyclohexane	5.550	56	6160	1.374	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	20502	5.110	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25484	6.737	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	1300	0.313	ug/l	94
52) Toluene	8.726	92	3741	0.498	ug/l	99
59) 2-Hexanone	9.250	43	705	0.224	ug/l	69
68) m/p-Xylenes	10.305	106	2425	0.476	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	94474	26.752	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94474	90.550	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	3058	0.316	ug/l	97
95) Naphthalene	13.780	128	2206	0.214	ug/l #	96

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

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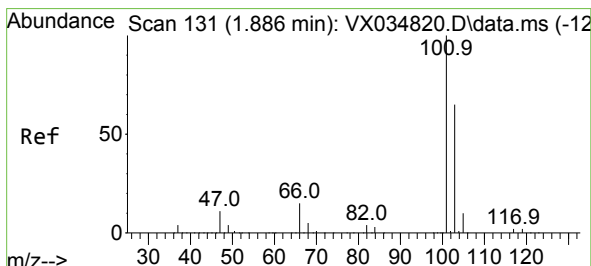
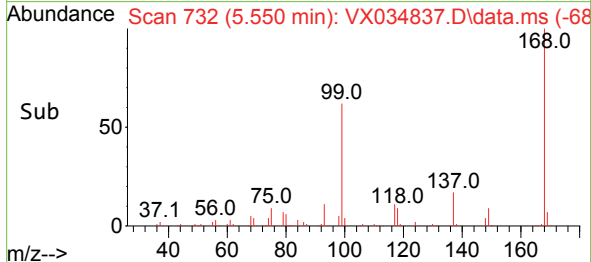
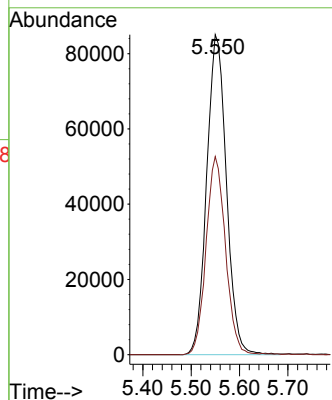
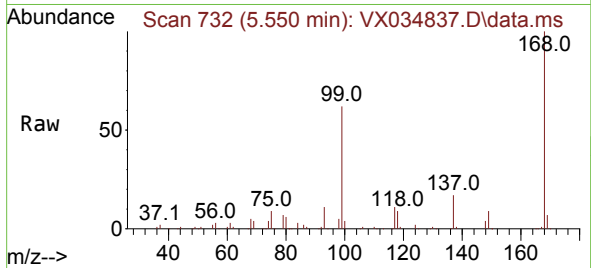




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

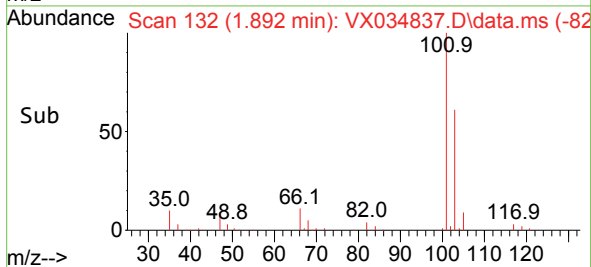
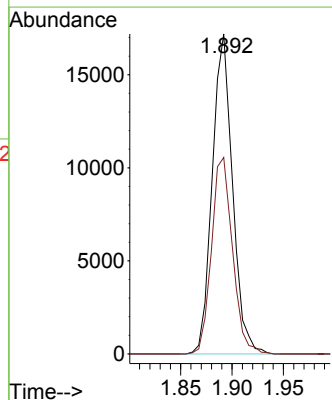
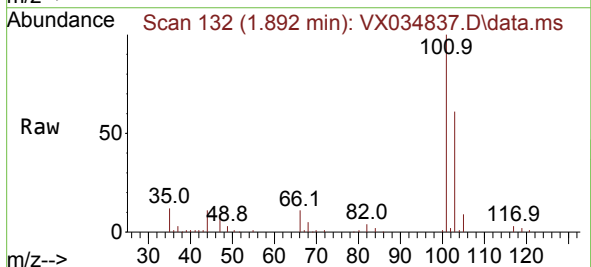
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

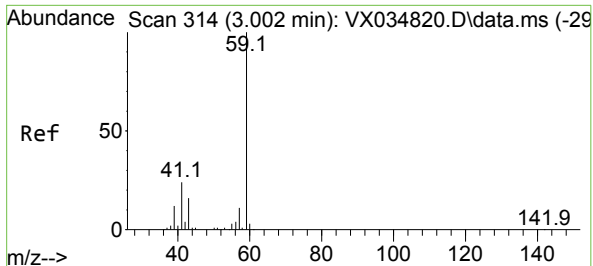
Tgt Ion:168 Resp: 240735
Ion Ratio Lower Upper
168 100
99 61.9 45.7 68.5



#7
Trichlorofluoromethane
Concen: 4.922 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion:101 Resp: 23554
Ion Ratio Lower Upper
101 100
103 61.4 52.0 78.0





#11

Tert butyl alcohol

Concen: 3.734 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.024 min

Lab File: VX034837.D

Acq: 29 Mar 2023 18:41

Instrument :

MSVOA_X

ClientSampleId :

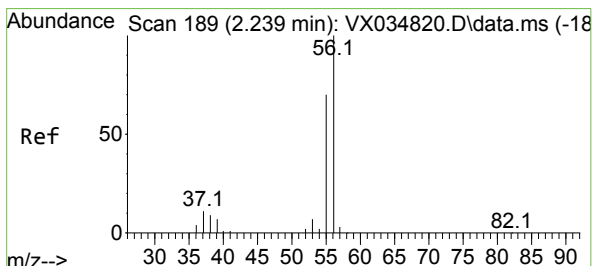
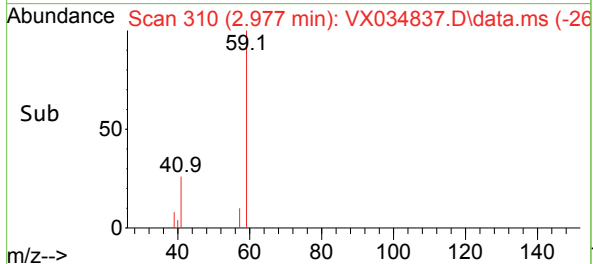
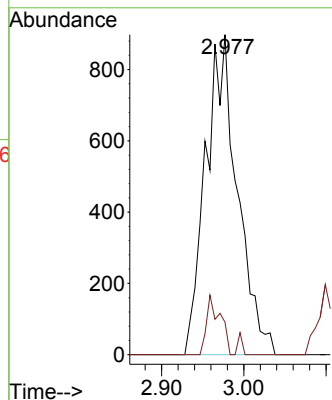
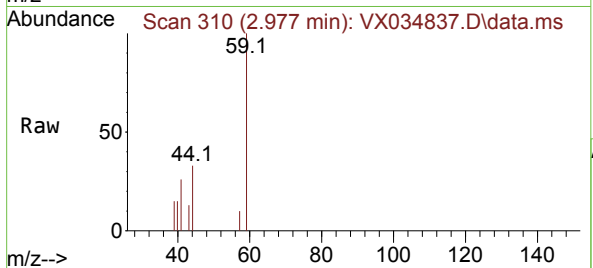
API-3-3

Tgt Ion: 59 Resp: 2412

Ion Ratio Lower Upper

59 100

57 1.0 8.1 12.1#



#13

Acrolein

Concen: 0.203 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX034837.D

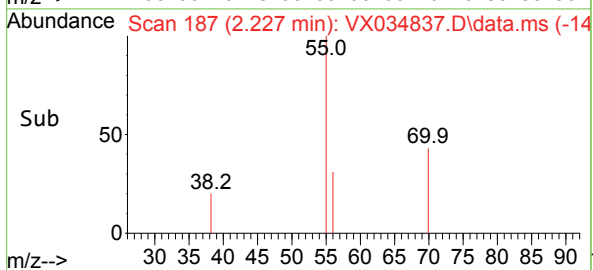
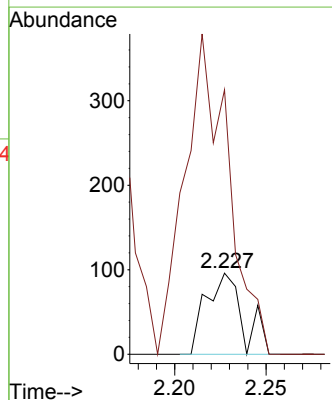
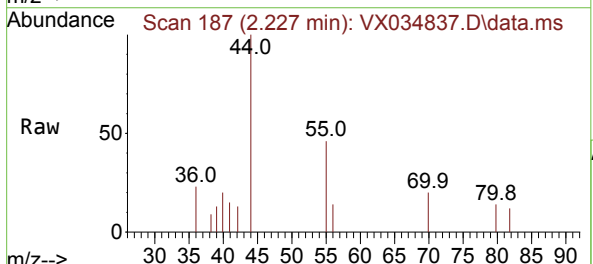
Acq: 29 Mar 2023 18:41

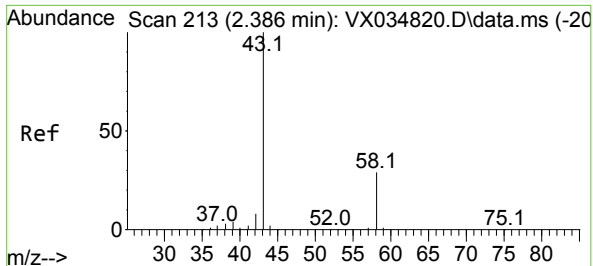
Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

55 465.9 56.6 85.0#

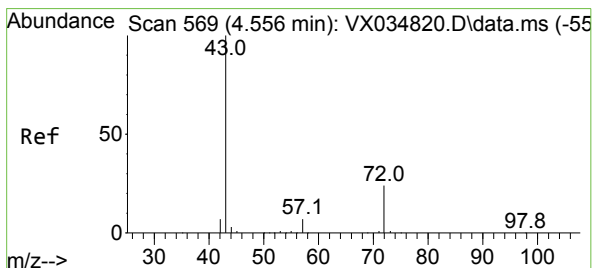
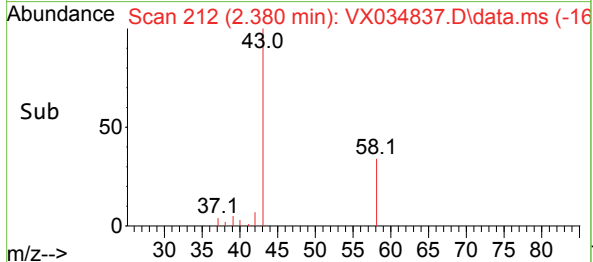
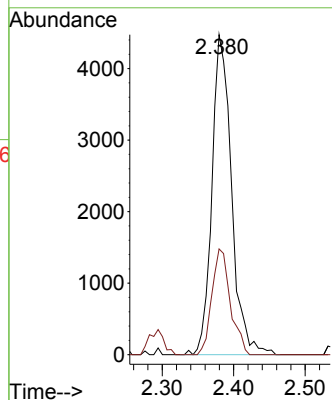
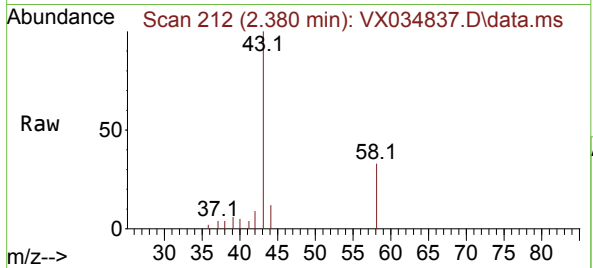




#16
Acetone
Concen: 5.685 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

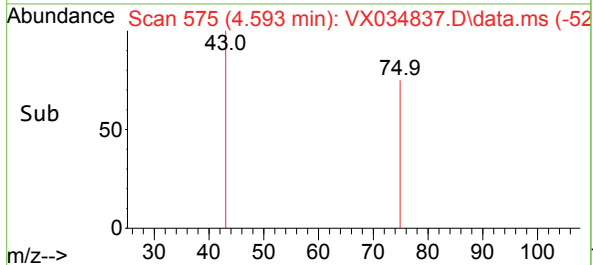
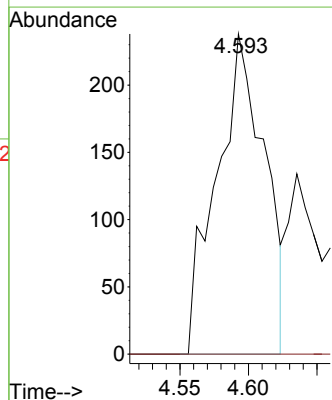
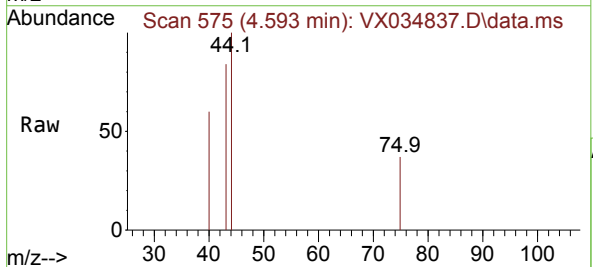
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

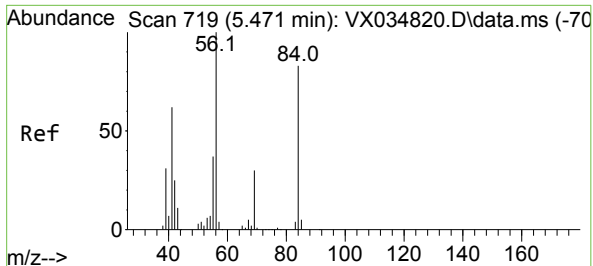
Tgt Ion: 43 Resp: 8503
Ion Ratio Lower Upper
43 100
58 33.1 24.7 37.1



#25
2-Butanone
Concen: 0.266 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

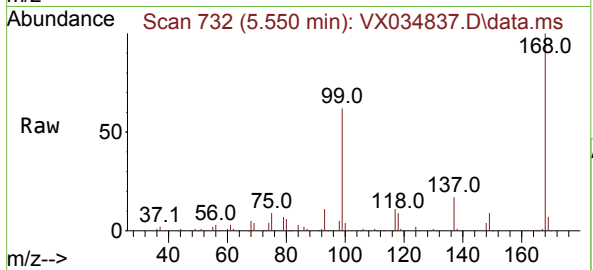
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



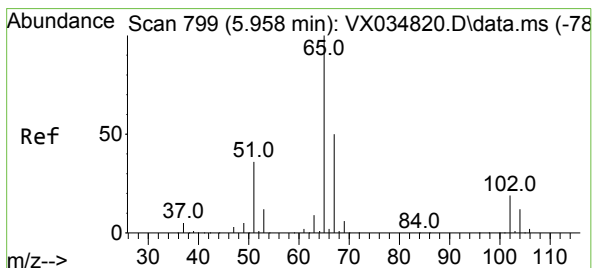
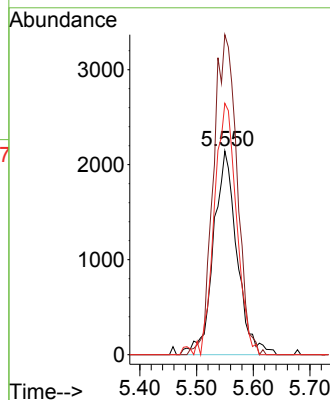
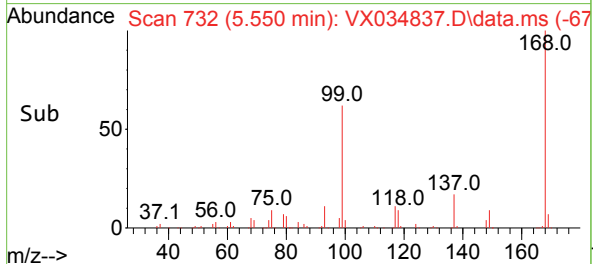


#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Instrument :
MSVOA_X
ClientSampleId :
API-3-3

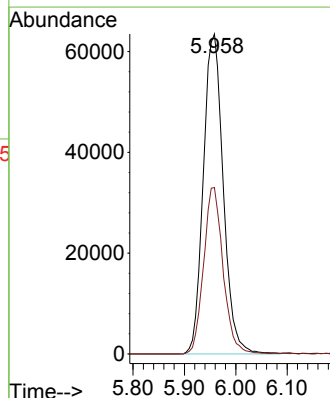
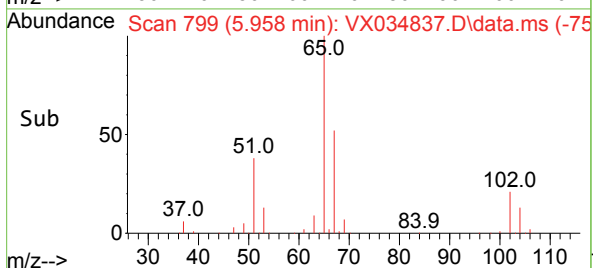
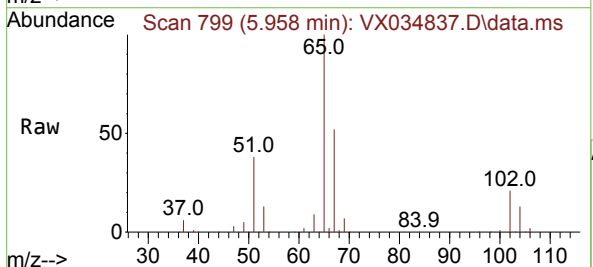


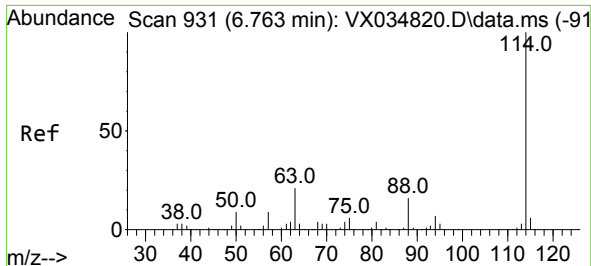
Tgt Ion: 56 Resp: 6160
Ion Ratio Lower Upper
56 100
69 157.1 23.7 35.5#
84 123.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.527 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion: 65 Resp: 171297
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

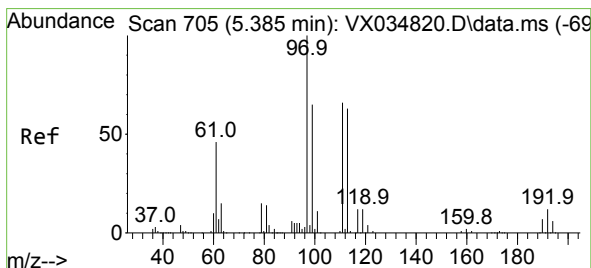
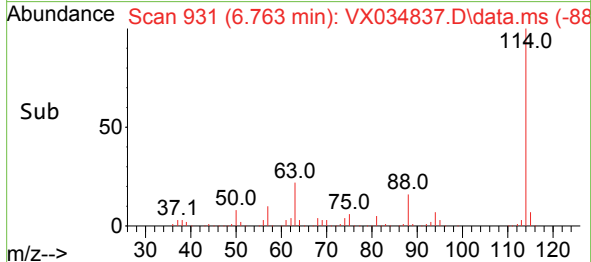
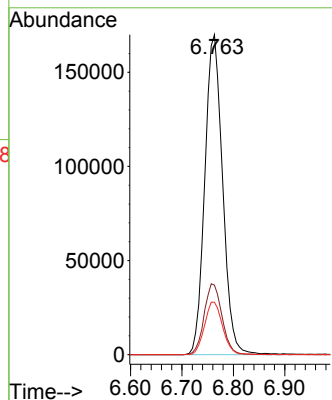
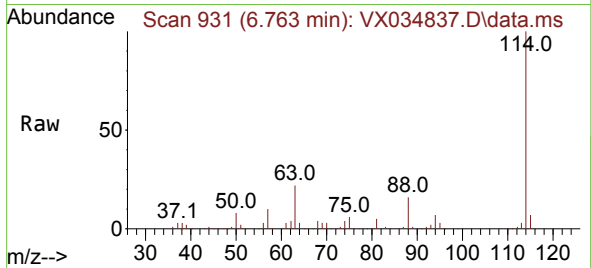




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

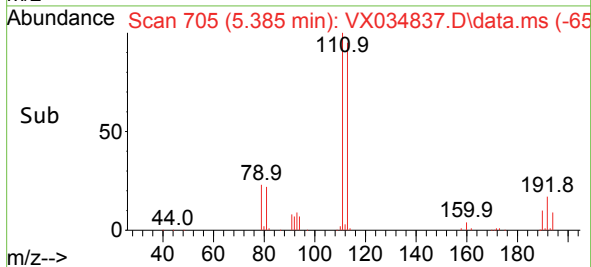
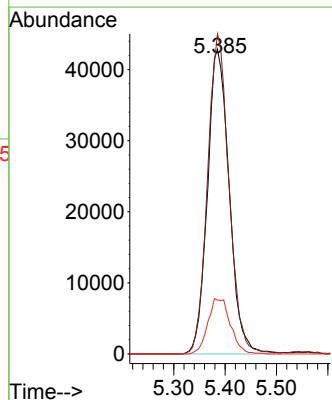
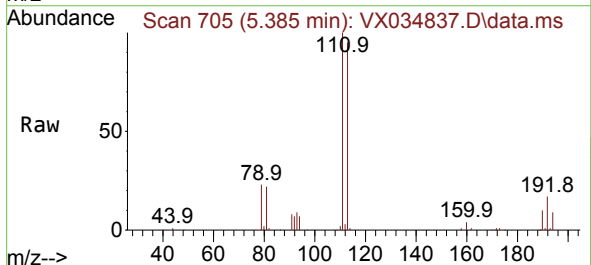
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

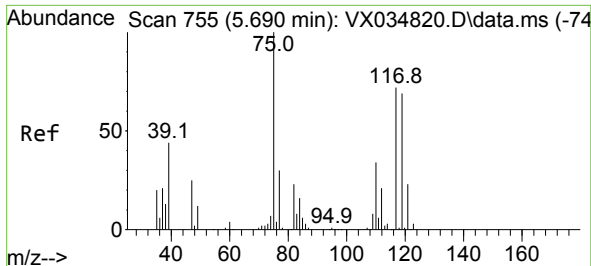
Tgt Ion:114 Resp: 409432
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.566 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion:113 Resp: 126103
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 18.8 15.4 23.2

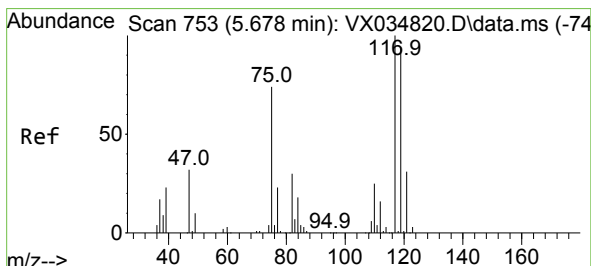
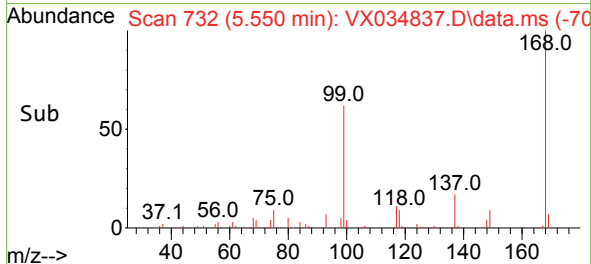
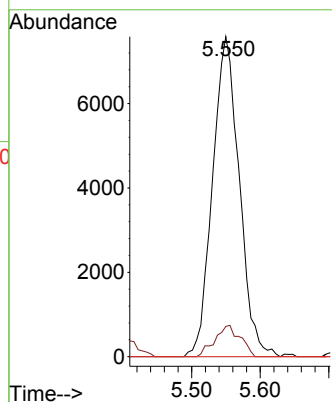
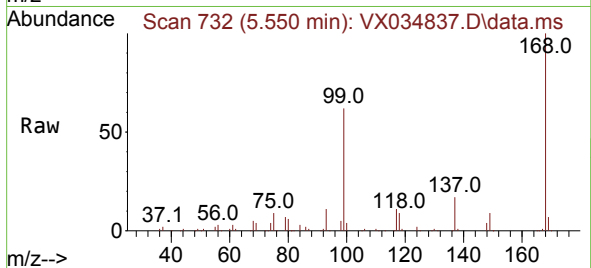




#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

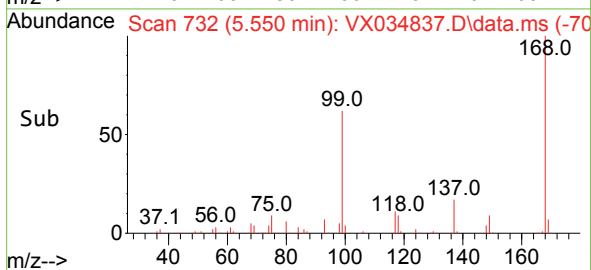
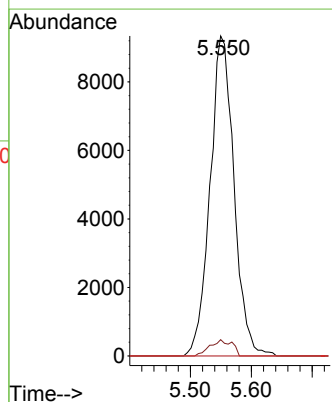
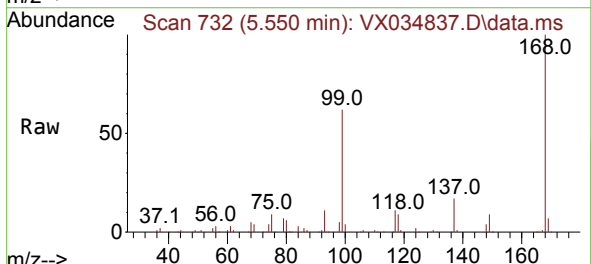
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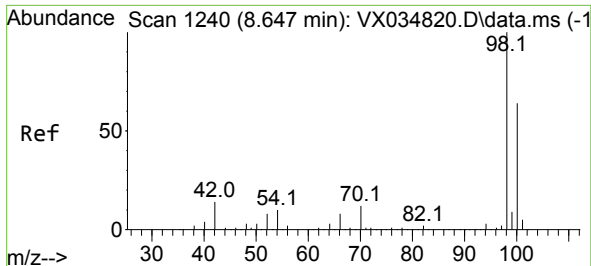
Tgt Ion: 75 Resp: 20502
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.737 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion: 117 Resp: 25484
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#

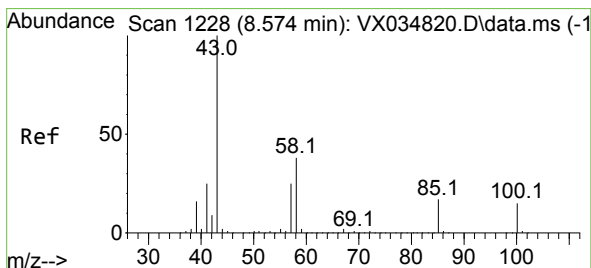
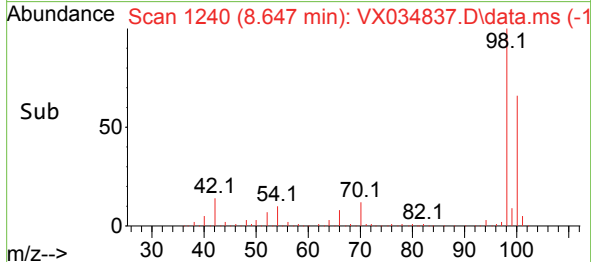
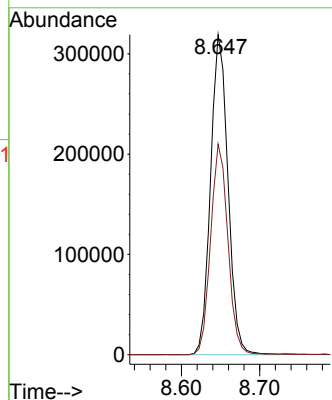
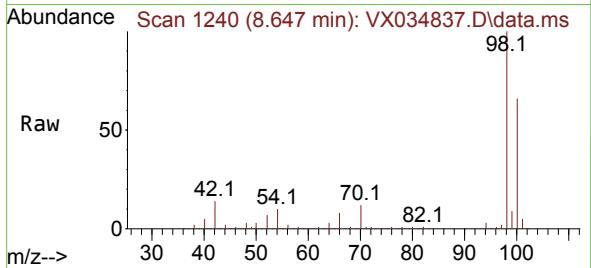




#50
Toluene-d8
Concen: 49.192 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

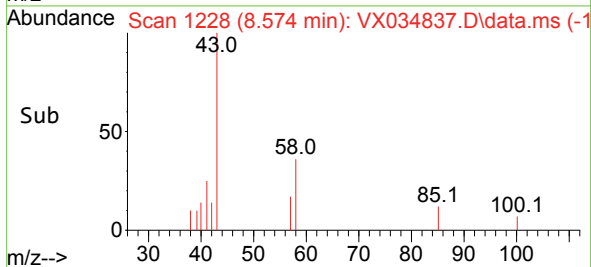
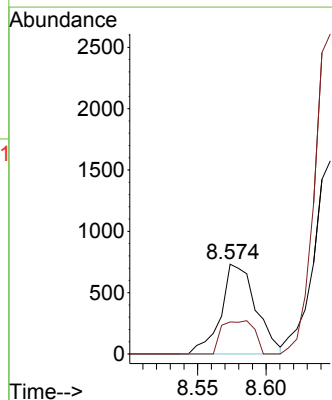
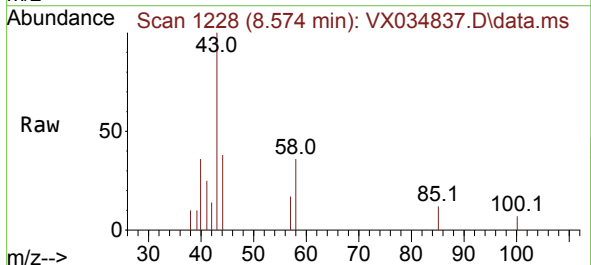
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

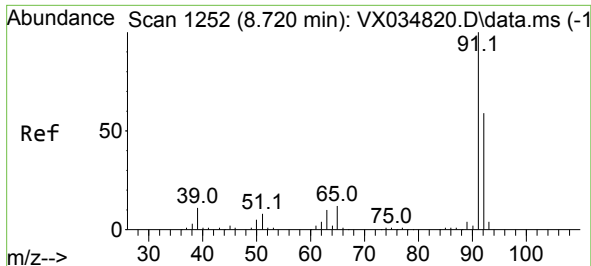
Tgt Ion: 98 Resp: 491709
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.313 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 34.5 30.6 46.0

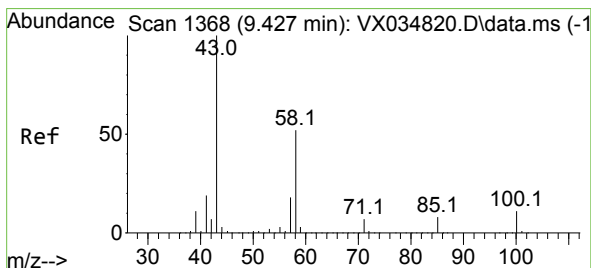
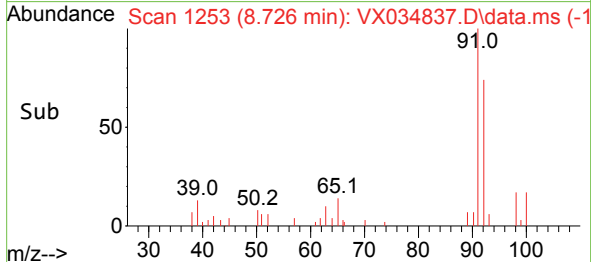
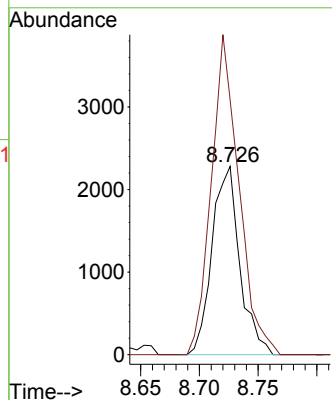
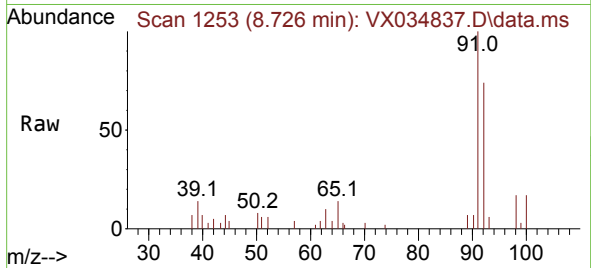




#52
Toluene
Concen: 0.498 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

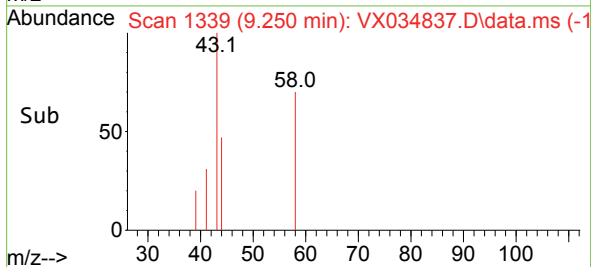
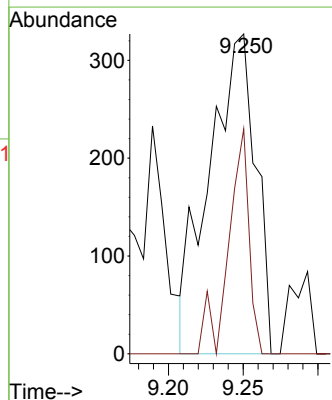
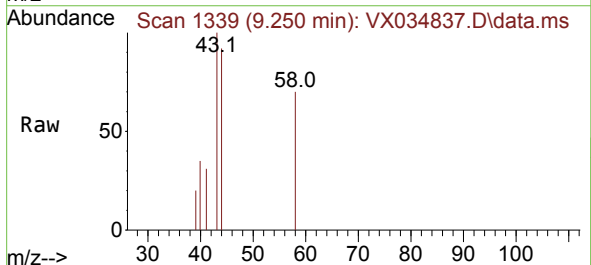
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

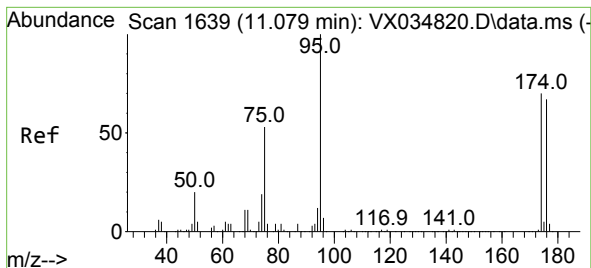
Tgt Ion: 92 Resp: 3741
Ion Ratio Lower Upper
92 100
91 169.3 136.8 205.2



#59
2-Hexanone
Concen: 0.224 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. -0.177 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 30.9 26.3 78.9

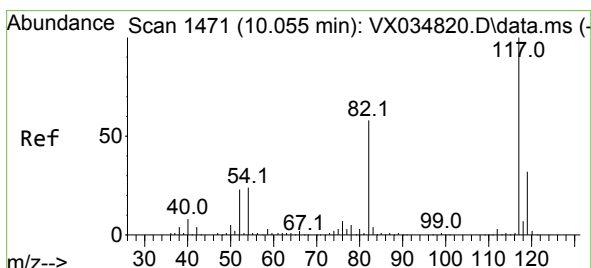
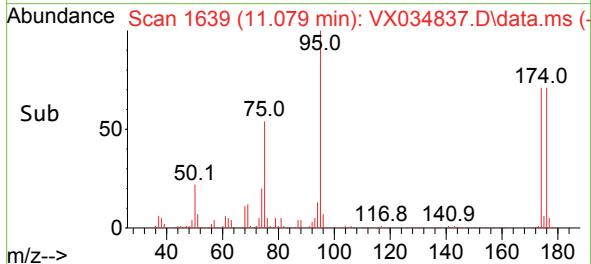
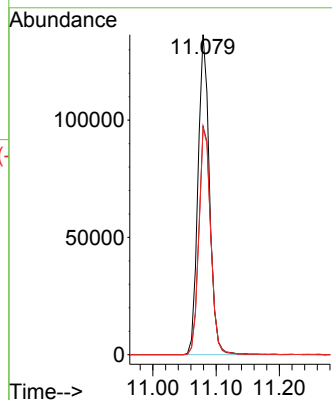
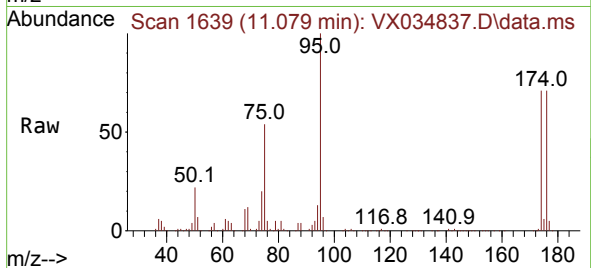




#62
4-Bromofluorobenzene
Concen: 44.563 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

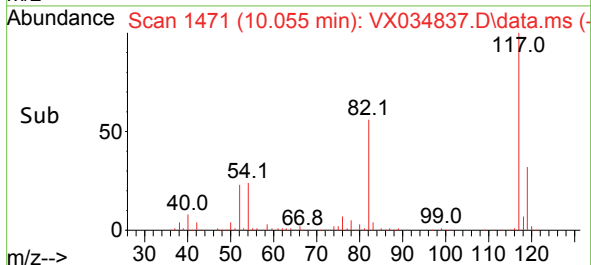
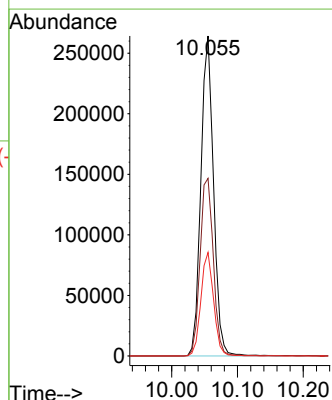
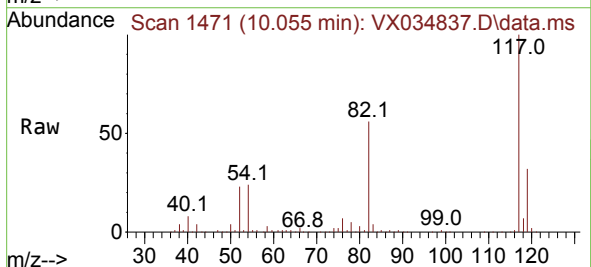
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

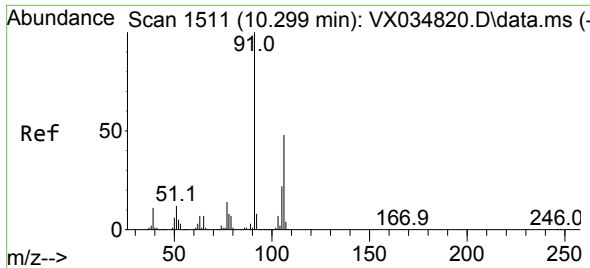
Tgt Ion: 95 Resp: 172373
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 73.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion: 117 Resp: 354155
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.4 26.0 39.0

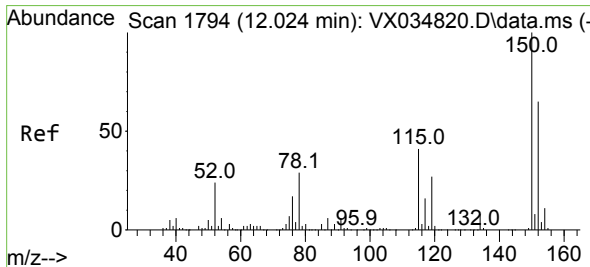
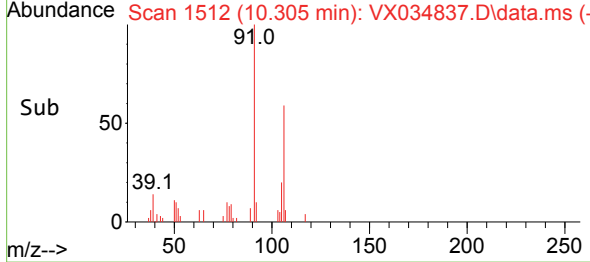
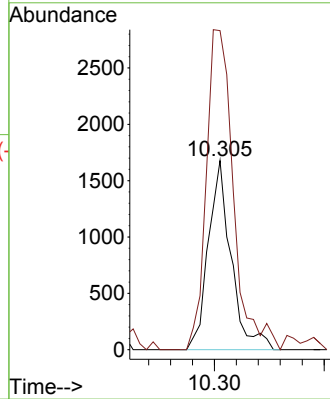
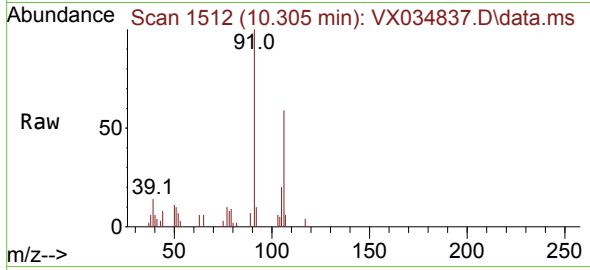




#68
m/p-Xylenes
Concen: 0.476 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

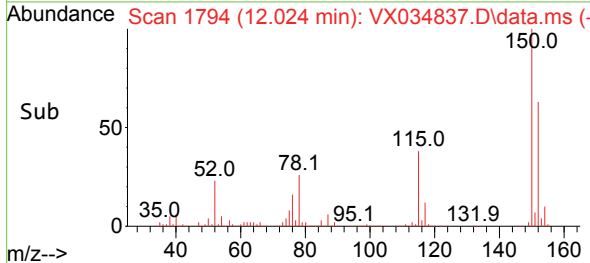
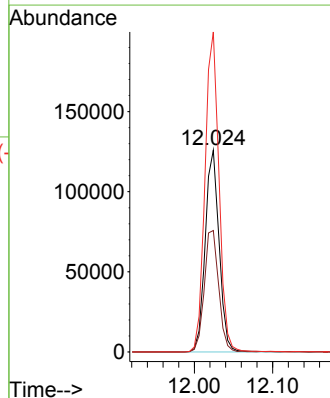
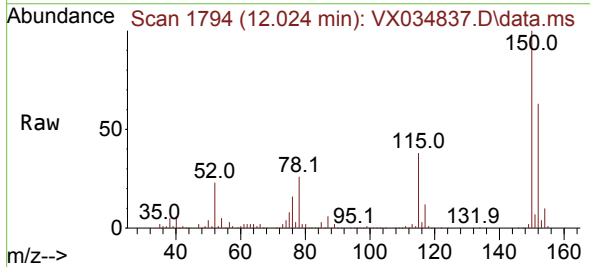
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

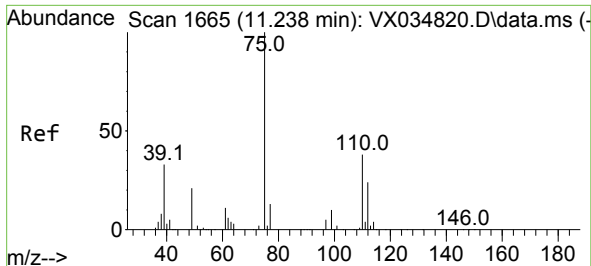
Tgt Ion:106 Resp: 2425
Ion Ratio Lower Upper
106 100
91 200.9 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion:152 Resp: 155181
Ion Ratio Lower Upper
152 100
115 62.3 45.0 135.0
150 158.9 0.0 352.4

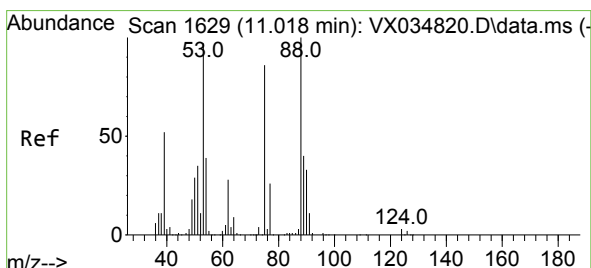
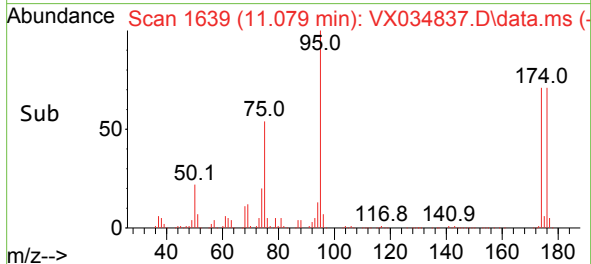
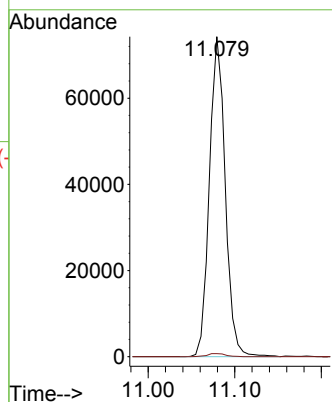
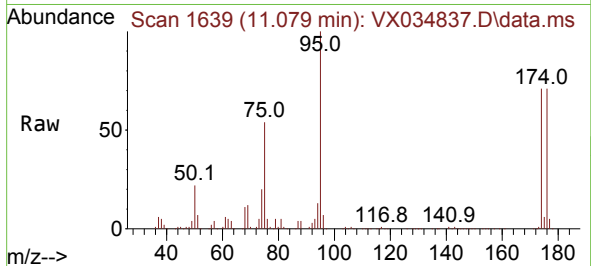




#76
1,2,3-Trichloropropane
Concen: 26.752 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

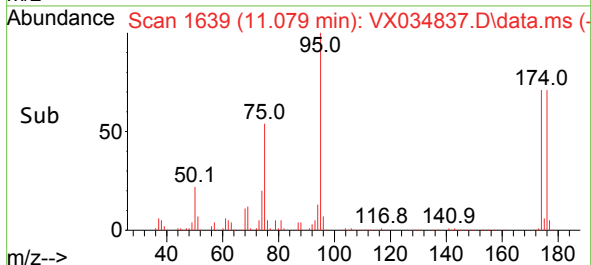
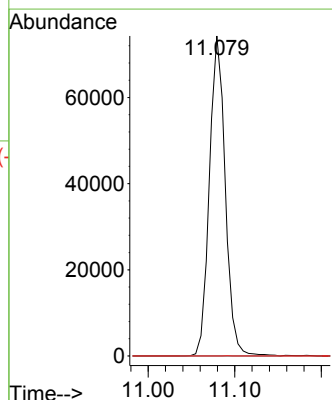
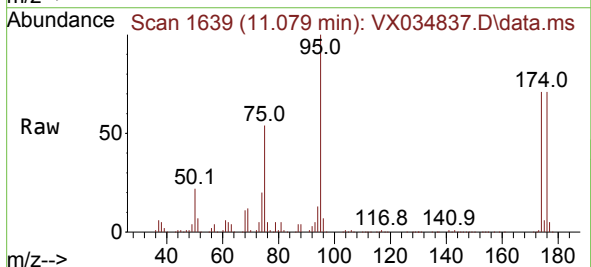
Instrument :
MSVOA_X
ClientSampleId :
API-3-3

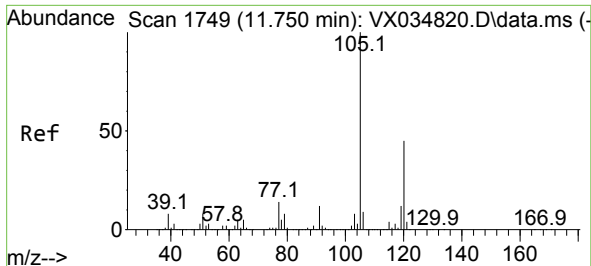
Tgt Ion: 75 Resp: 94474
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion: 75 Resp: 94474
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

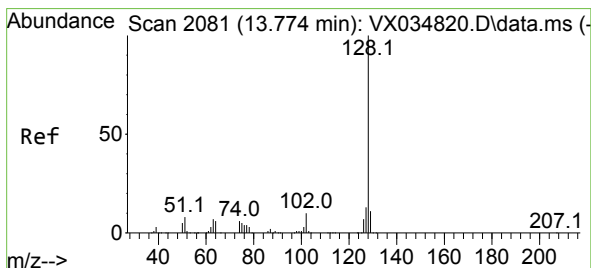
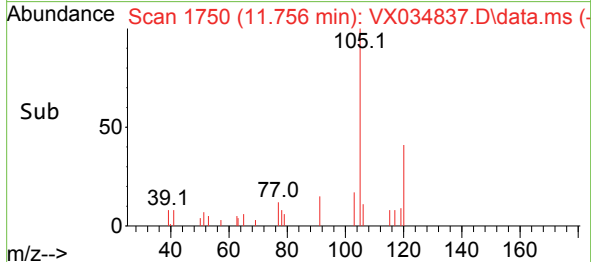
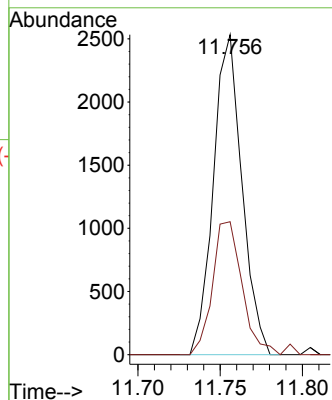
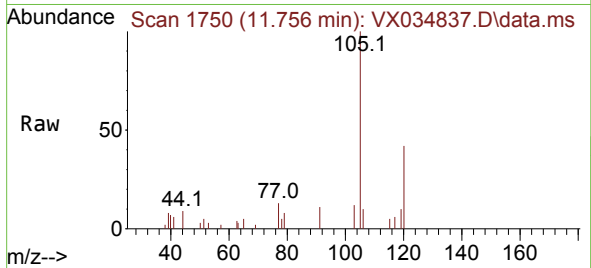




#84
1,2,4-Trimethylbenzene
Concen: 0.316 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Instrument :
MSVOA_X
ClientSampleId :
API-3-3

Tgt Ion:105 Resp: 3058
Ion Ratio Lower Upper
105 100
120 43.0 22.4 67.0



#95
Naphthalene
Concen: 0.214 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034837.D
Acq: 29 Mar 2023 18:41

Tgt Ion:128 Resp: 2206
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.4
129 8.6 8.6 13.0#

