

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046946.D
 Acq On : 10 Jul 2025 15:47
 Operator : JC/MD
 Sample : Q2553-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-205

Quant Time: Jul 11 01:32:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

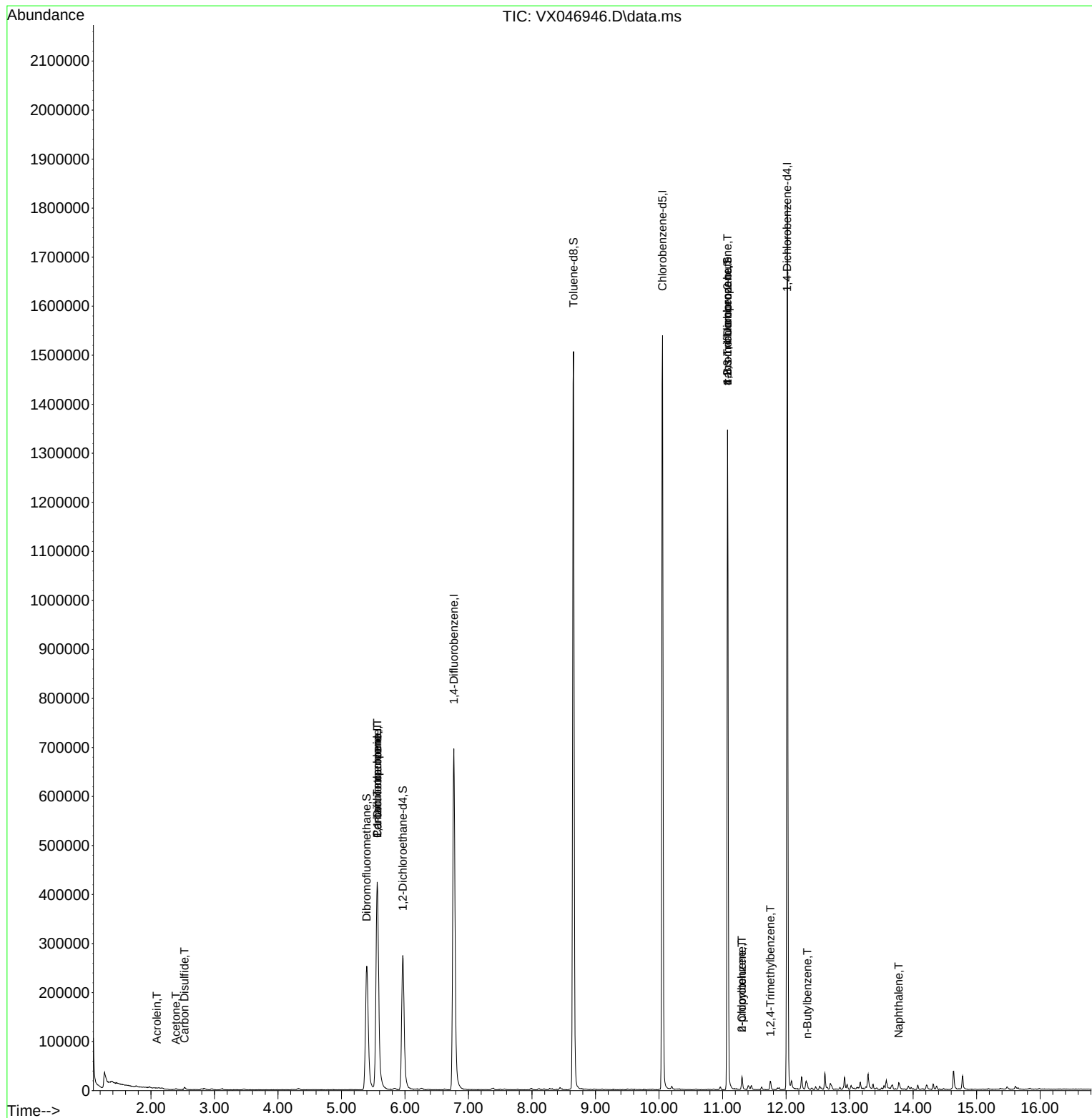
Internal Standards						
1) Pentafluorobenzene	5.562	168	431287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	760941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	704204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	362481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	286627	50.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.620%	
35) Dibromofluoromethane	5.397	113	240111	46.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.980%	
50) Toluene-d8	8.653	98	907701	49.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	11.079	95	359174	51.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.720%	
Target Compounds						
					Qvalue	
13) Acrolein	2.093	56	52	2.959	ug/l #	15
16) Acetone	2.392	43	2239	1.265	ug/l #	73
17) Carbon Disulfide	2.526	76	5367	0.438	ug/l #	91
36) 1,1-Dichloropropene	5.562	75	34618	4.967	ug/l #	51
38) Carbon Tetrachloride	5.562	117	43462	5.899	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	179800	32.102	ug/l #	36
78) n-propylbenzene	11.305	91	17718	0.577	ug/l	97
79) 2-Chlorotoluene	11.305	91	17718	0.977	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	179800	86.146	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	9092	0.434	ug/l	98
89) n-Butylbenzene	12.335	91	6395	0.301	ug/l #	68
95) Naphthalene	13.774	128	10847	0.527	ug/l	98

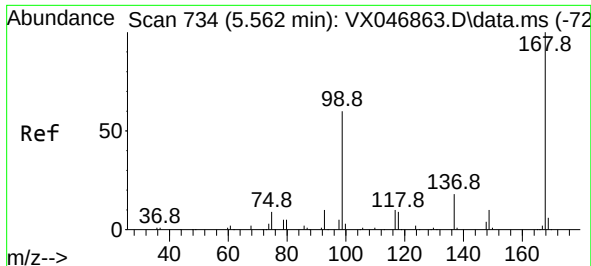
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC-205

Quant Time: Jul 11 01:32:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

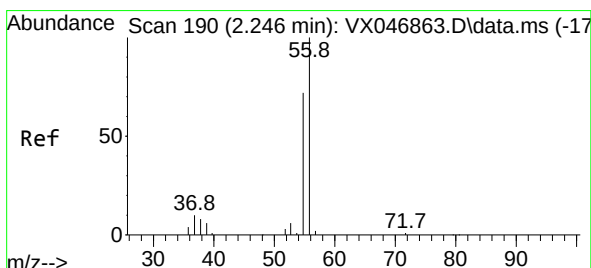
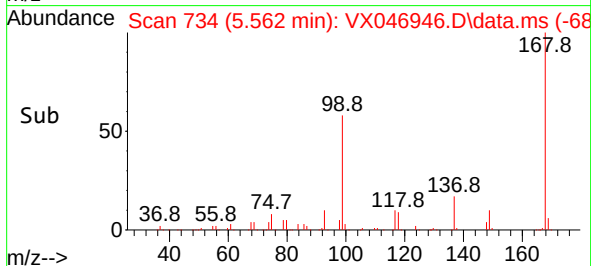
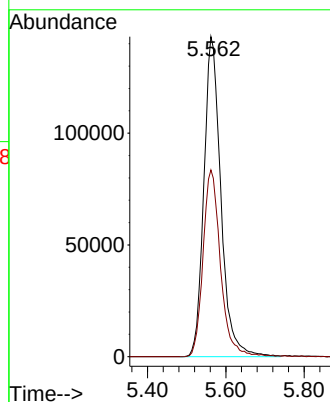
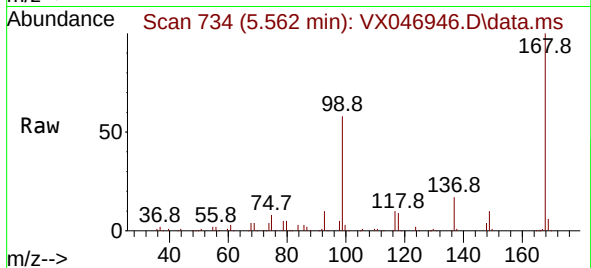




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

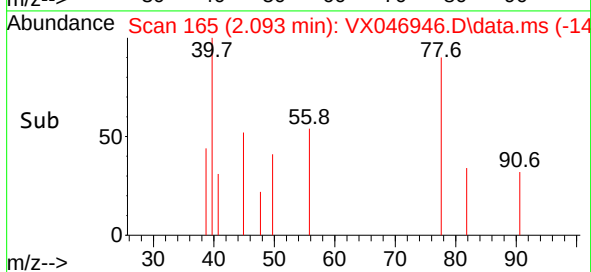
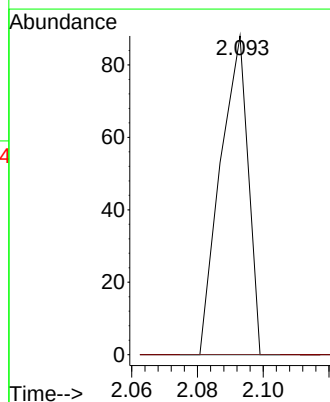
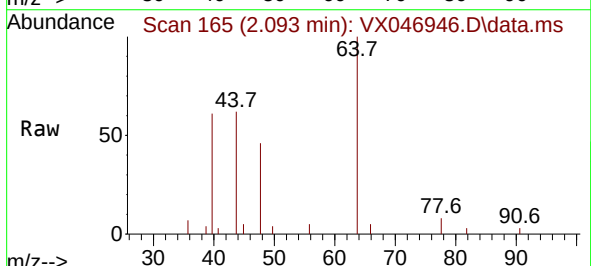
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

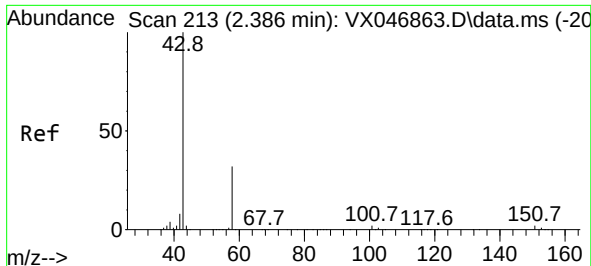
Tgt Ion:168 Resp: 431287
Ion Ratio Lower Upper
168 100
99 58.3 48.8 73.2



#13
Acrolein
Concen: 2.959 ug/l
RT: 2.093 min Scan# 165
Delta R.T. -0.153 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#

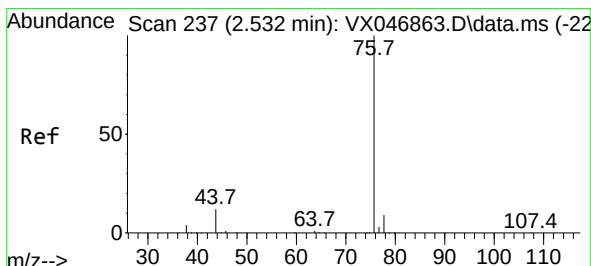
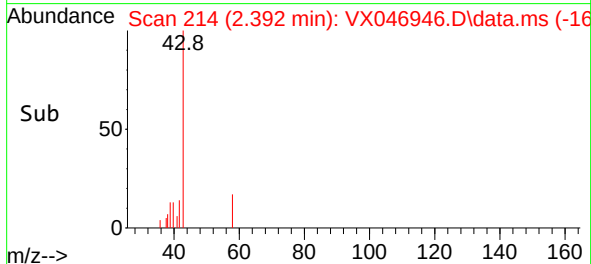
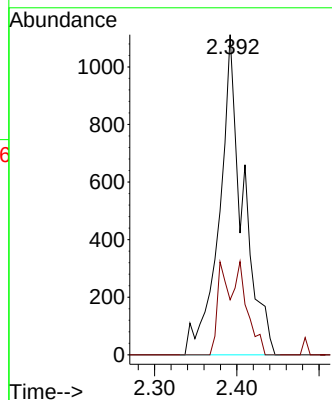
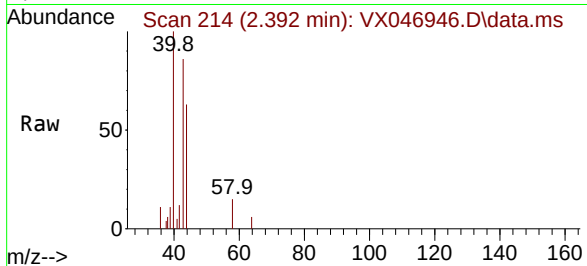




#16
Acetone
Concen: 1.265 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

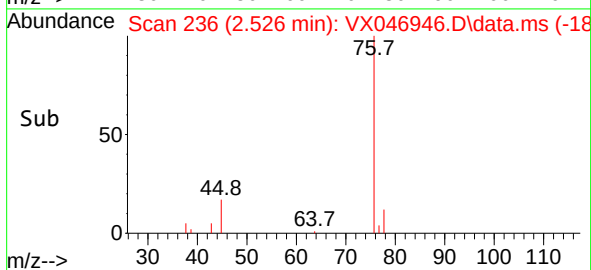
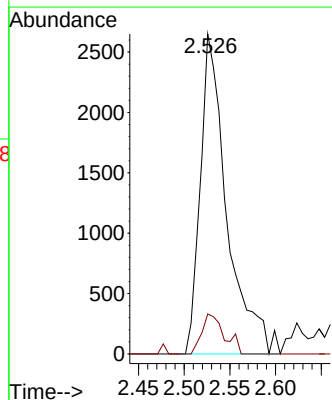
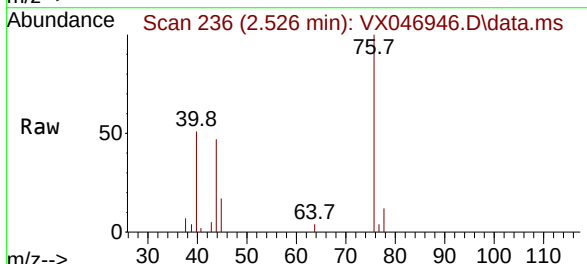
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

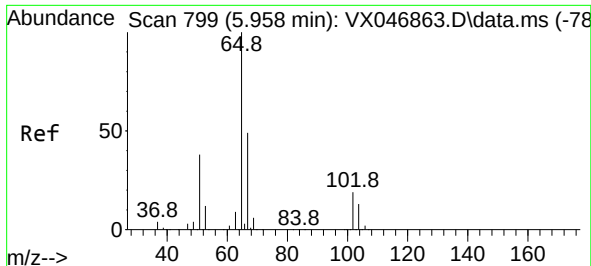
Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
58 17.2 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.438 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 76 Resp: 5367
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.2#





#33

1,2-Dichloroethane-d4

Concen: 50.306 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

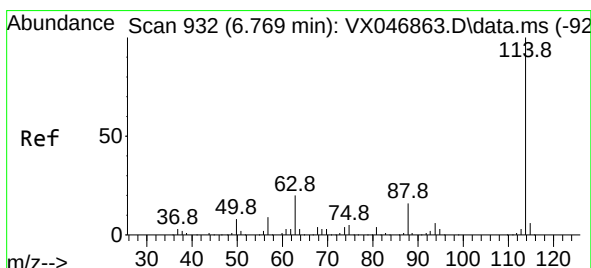
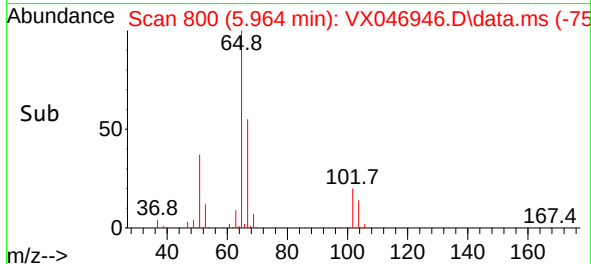
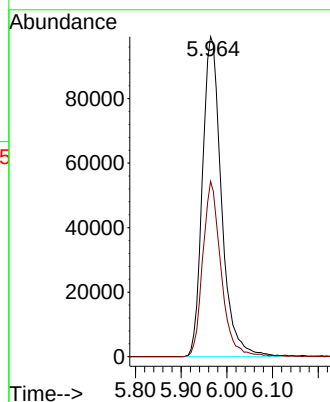
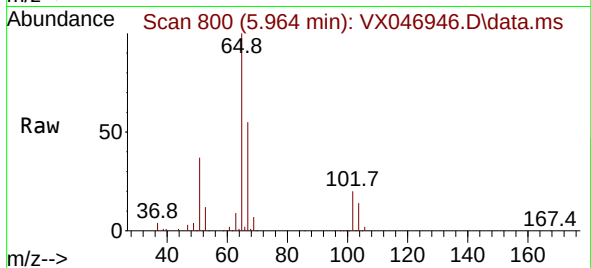
AOC-205

Tgt Ion: 65 Resp: 286627

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

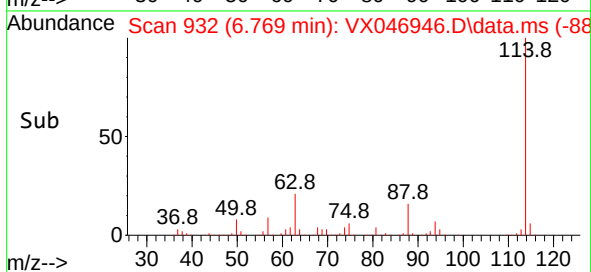
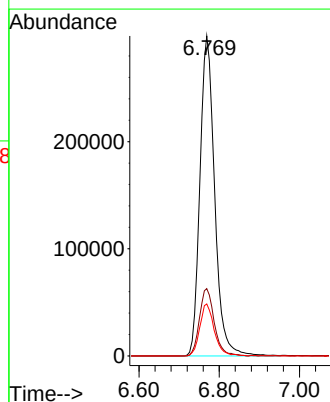
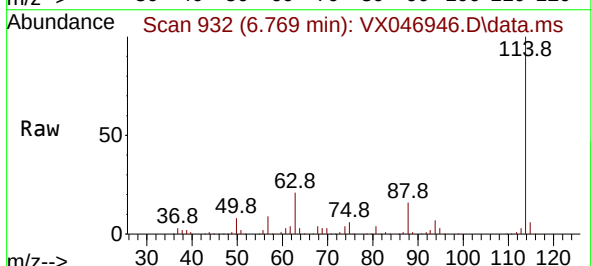
Tgt Ion: 114 Resp: 760941

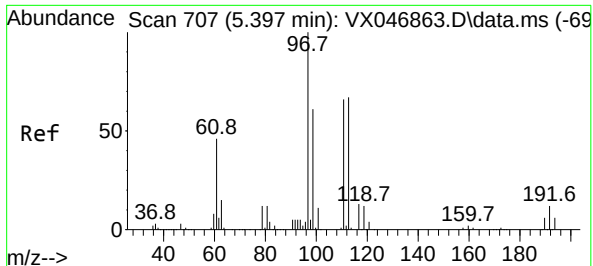
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 16.2 0.0 31.0

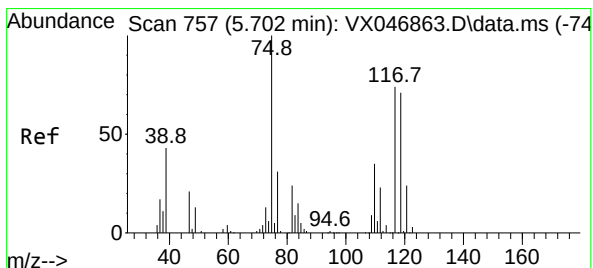
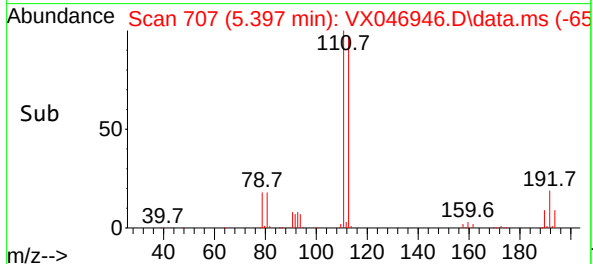
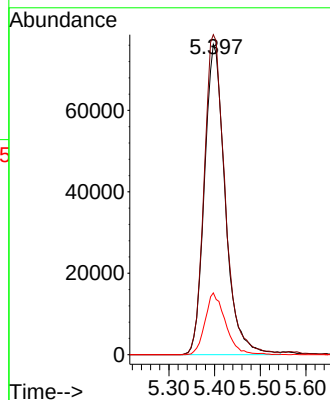
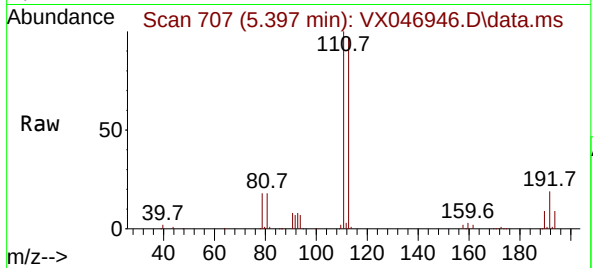




#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

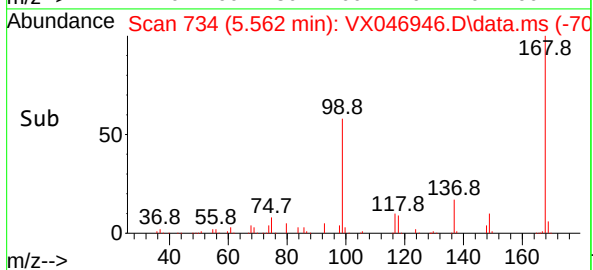
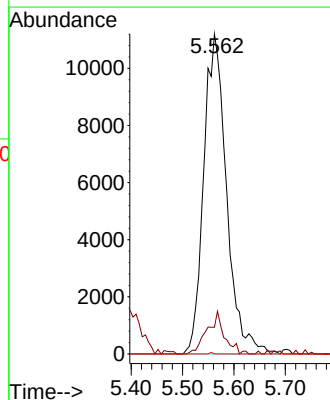
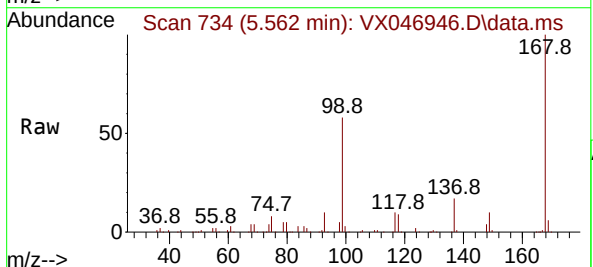
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

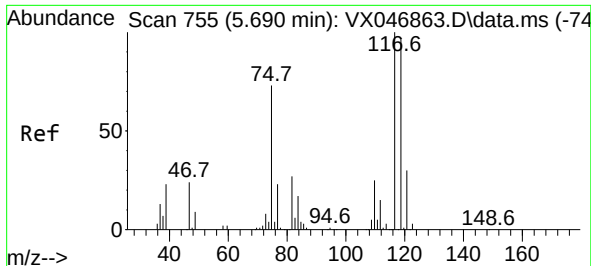
Tgt Ion:113 Resp: 240111
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 19.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 75 Resp: 34618
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.9#
77 0.1 24.2 36.4#

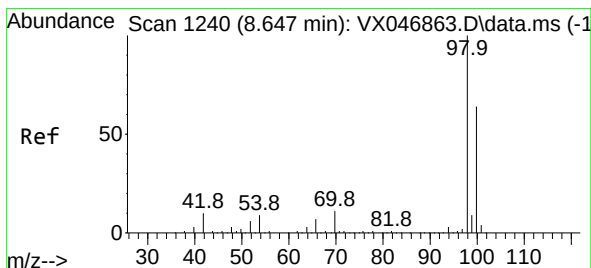
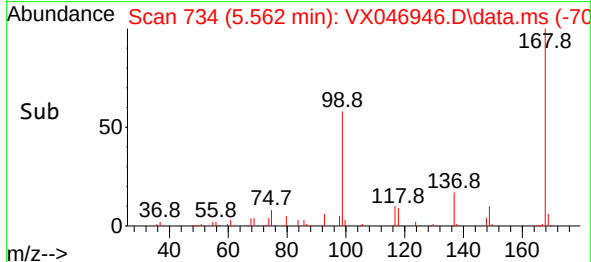
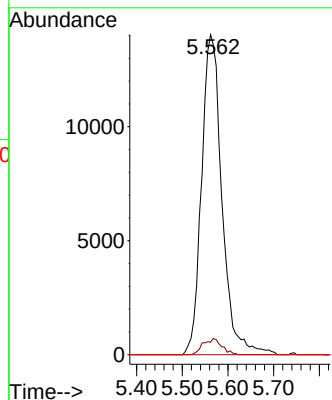
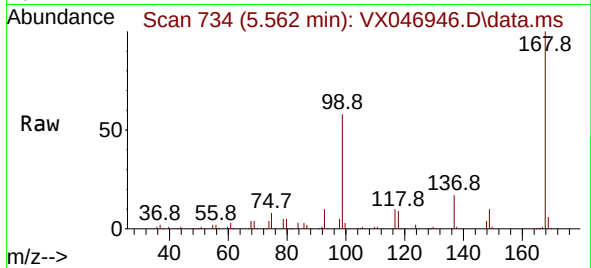




#38
Carbon Tetrachloride
Concen: 5.899 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

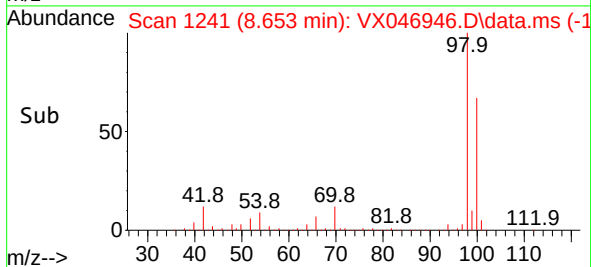
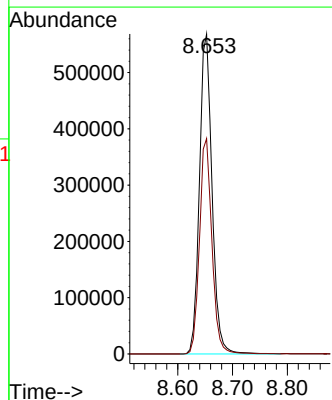
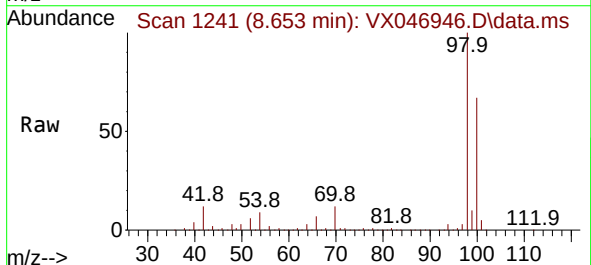
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

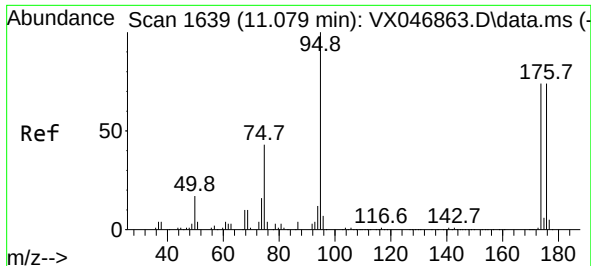
Tgt Ion:117 Resp: 43462
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 98 Resp: 907701
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6

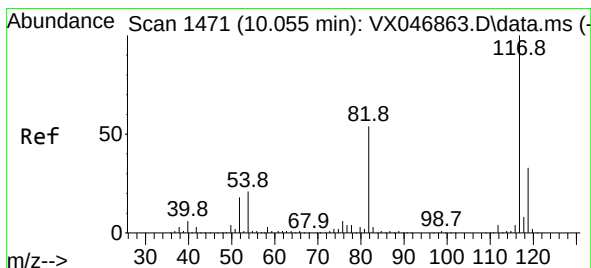
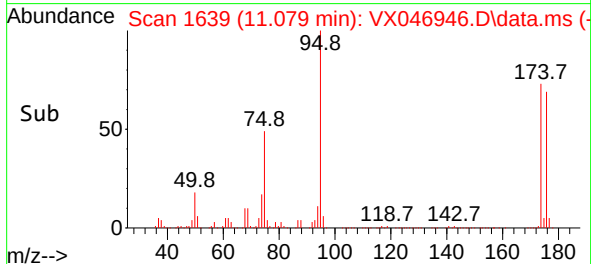
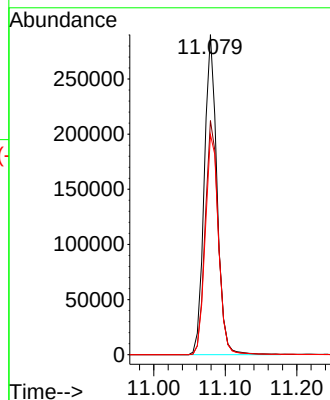
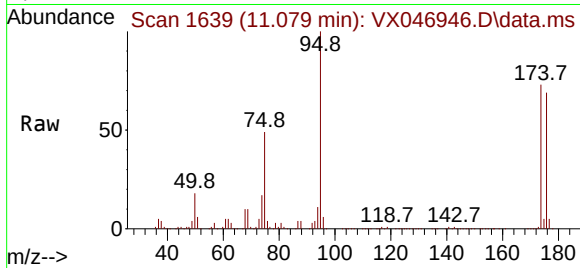




#62
4-Bromofluorobenzene
Concen: 51.857 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

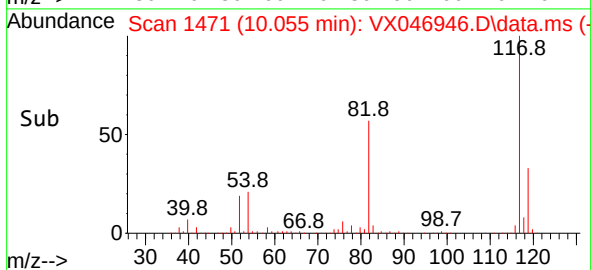
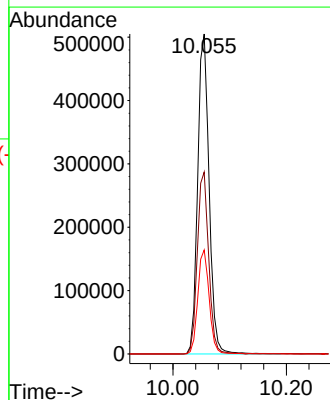
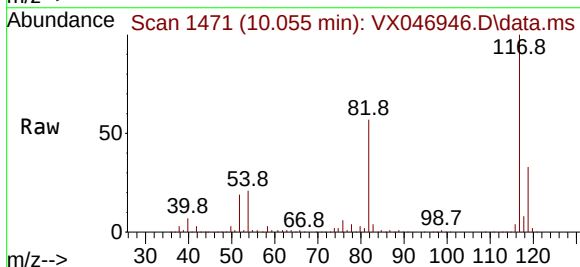
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

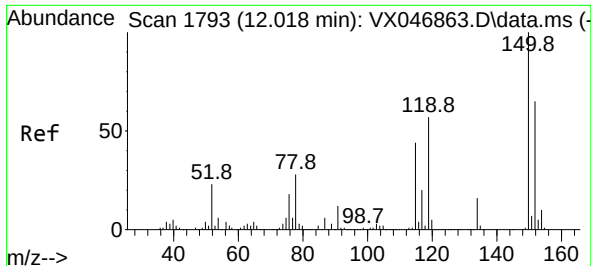
Tgt Ion: 95 Resp: 359174
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.0
176 72.0 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 117 Resp: 704204
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 32.5 26.4 39.6

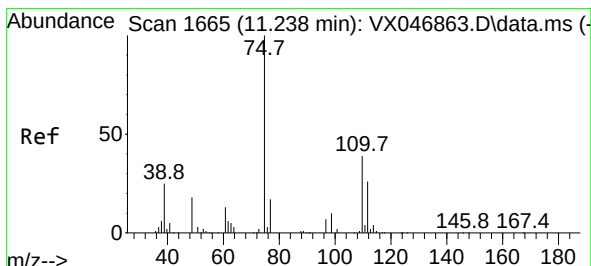
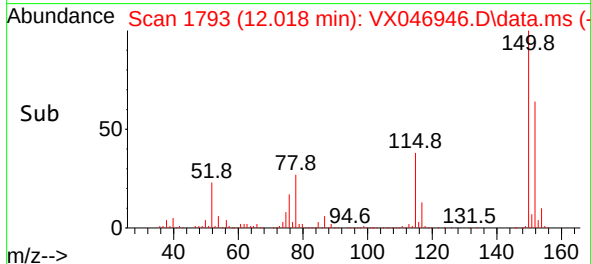
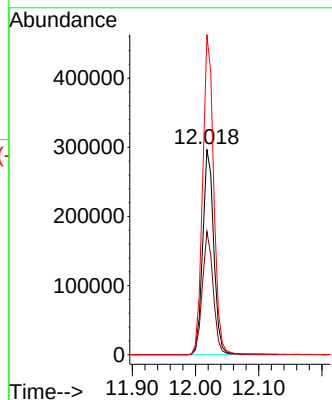
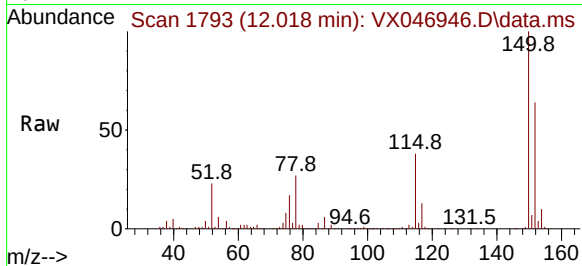




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046946.D
 Acq: 10 Jul 2025 15:47

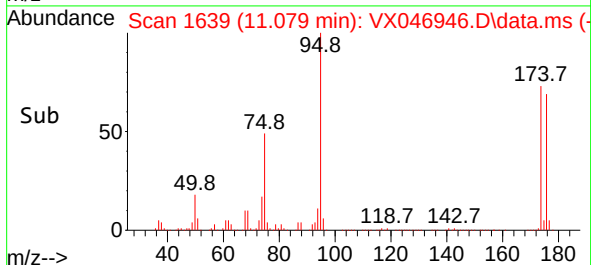
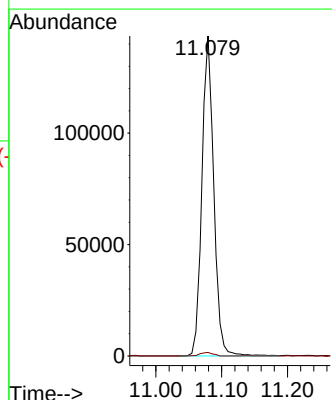
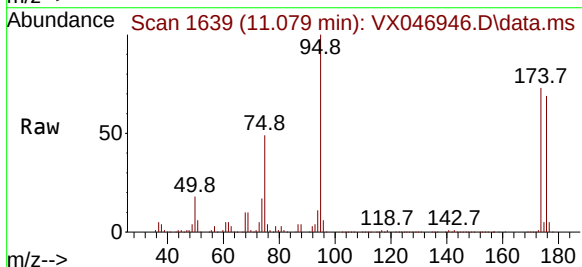
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-205

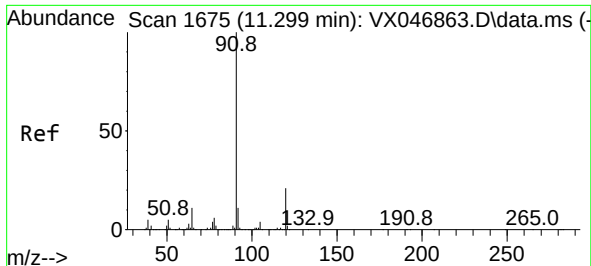
Tgt Ion:152 Resp: 362481
 Ion Ratio Lower Upper
 152 100
 115 58.8 42.4 127.1
 150 155.5 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 32.102 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046946.D
 Acq: 10 Jul 2025 15:47

Tgt Ion: 75 Resp: 179800
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.6 61.8#

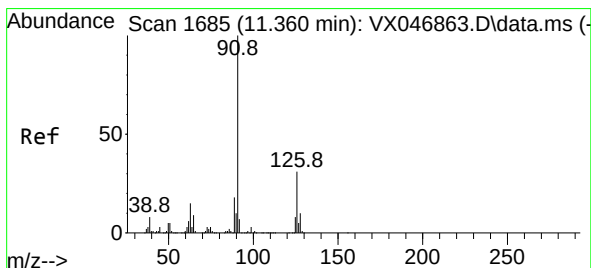
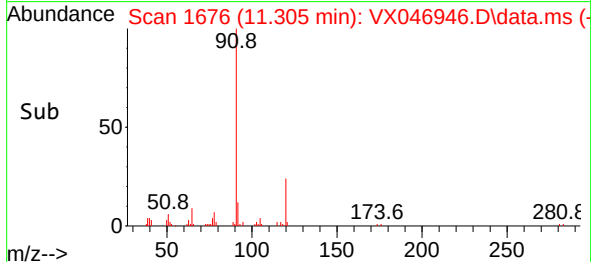
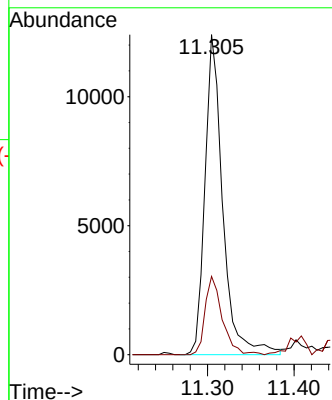
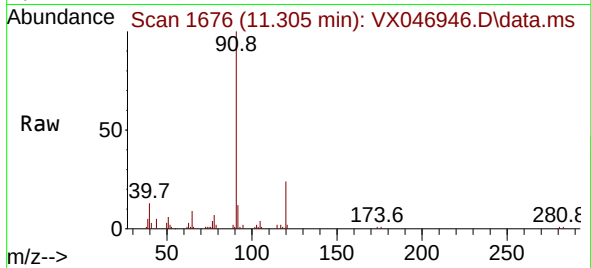




#78
n-propylbenzene
Concen: 0.577 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

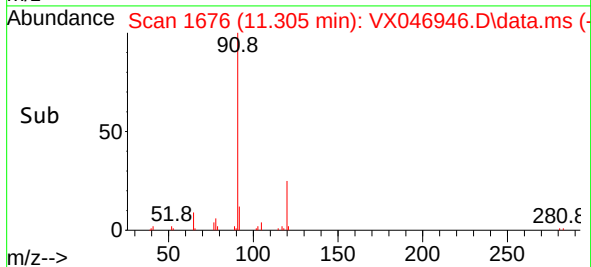
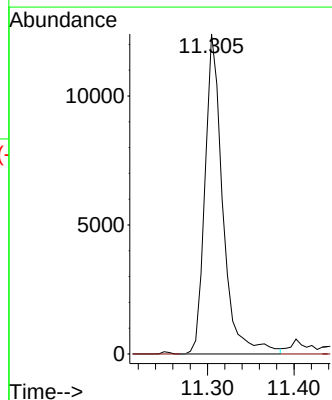
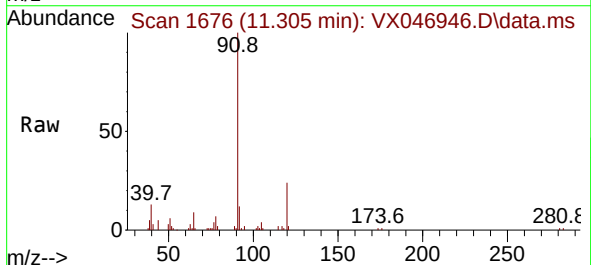
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

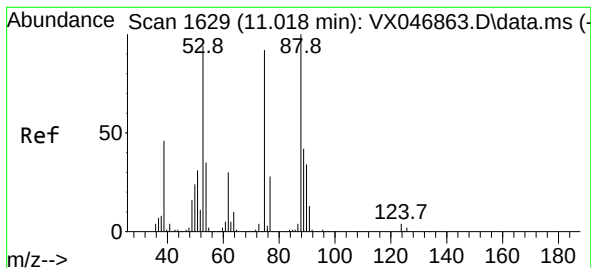
Tgt Ion: 91 Resp: 17718
Ion Ratio Lower Upper
91 100
120 23.5 11.2 33.5



#79
2-Chlorotoluene
Concen: 0.977 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.055 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 91 Resp: 17718
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

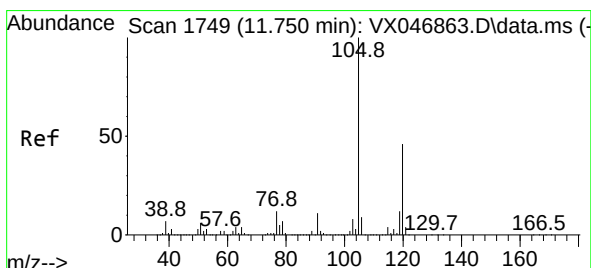
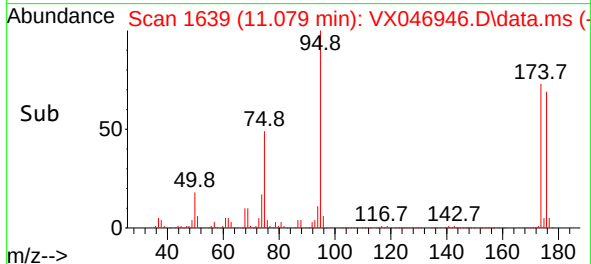
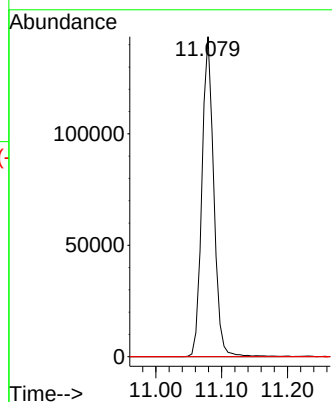
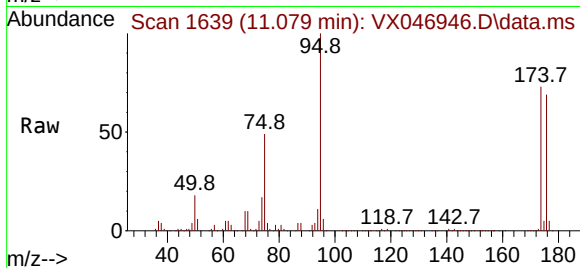




#81
trans-1,4-Dichloro-2-butene
Concen: 86.146 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

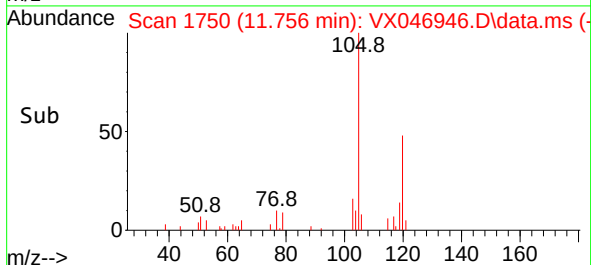
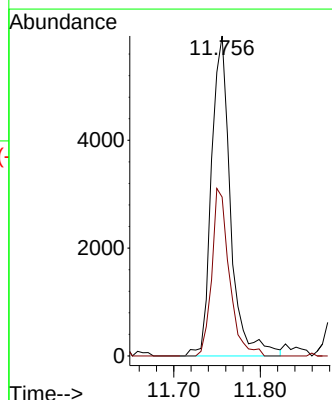
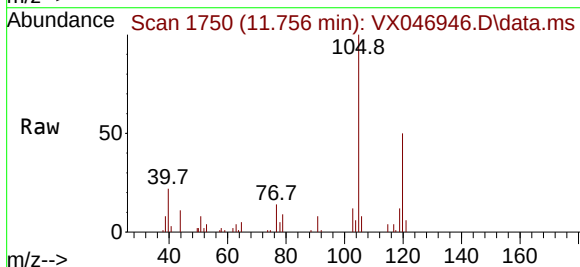
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

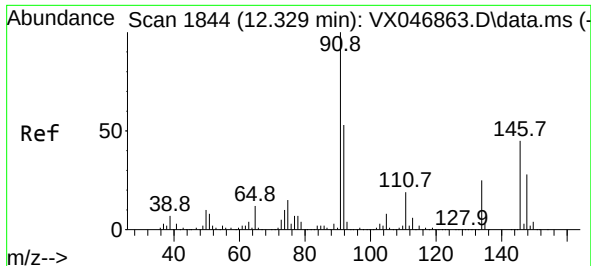
Tgt Ion: 75 Resp: 179800
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.434 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 105 Resp: 9092
Ion Ratio Lower Upper
105 100
120 48.0 23.3 69.8





#89

n-Butylbenzene

Concen: 0.301 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

AOC-205

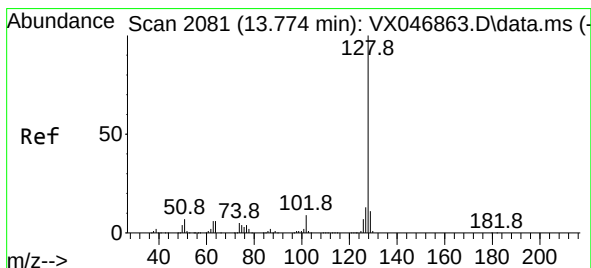
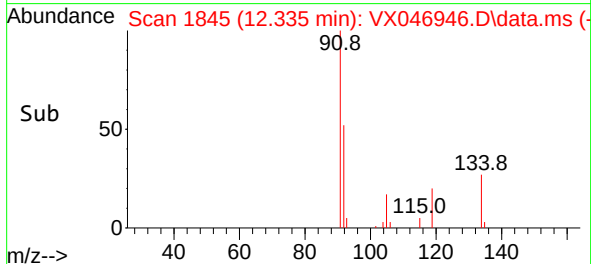
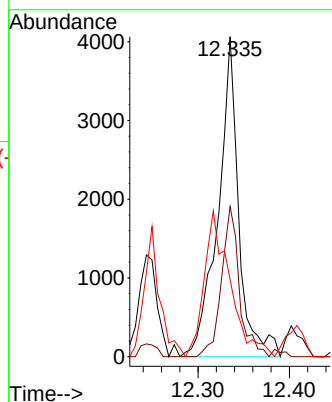
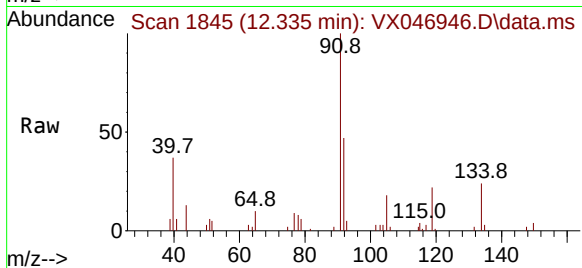
Tgt Ion: 91 Resp: 6395

Ion Ratio Lower Upper

91 100

92 40.7 27.0 81.0

134 56.7 12.8 38.4#



#95

Naphthalene

Concen: 0.527 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Tgt Ion: 128 Resp: 10847

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

129 11.4 8.6 13.0

