

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046945.D
 Acq On : 10 Jul 2025 15:26
 Operator : JC/MD
 Sample : Q2553-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-203

Quant Time: Jul 11 01:31:40 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	394931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	673452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	623779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	297586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	259762	49.787	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.580%
35) Dibromofluoromethane	5.397	113	218856	47.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.653	98	804116	49.856	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.720%
62) 4-Bromofluorobenzene	11.079	95	310029	50.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.160%

Target Compounds				Qvalue		
3) Chloromethane	1.270	50	20748	5.028	ug/l #	45
11) Tert butyl alcohol	2.965	59	425	1.242	ug/l #	72
13) Acrolein	2.355	56	31844	86.097	ug/l #	71
14) Allyl chloride	2.794	41	148006	19.412	ug/l #	69
15) Acrylonitrile	3.117	53	28721	14.517	ug/l #	37
16) Acetone	2.355	43	97601	60.224	ug/l #	51
17) Carbon Disulfide	2.538	76	9171	0.817	ug/l	98
18) Methyl Acetate	2.794	43	372637	87.236	ug/l #	53
19) Methyl tert-butyl Ether	3.130	73	2989	0.247	ug/l #	1
20) Methylene Chloride	2.800	84	2237	0.467	ug/l #	1
23) Vinyl Acetate	3.465	43	224402	20.335	ug/l #	48
25) 2-Butanone	4.617	43	4449	2.058	ug/l	93
29) Tetrahydrofuran	4.983	42	283	0.205	ug/l #	34
30) Chloroform	5.178	83	25986	3.028	ug/l #	54
31) Cyclohexane	5.489	56	415511	55.714	ug/l #	95
36) 1,1-Dichloropropene	5.562	75	30435	4.934	ug/l #	50
38) Carbon Tetrachloride	5.562	117	40825	6.261	ug/l #	16
39) Methylcyclohexane	7.385	83	445744	57.774	ug/l	95
40) Benzene	6.056	78	62304	3.340	ug/l	91
41) Methacrylonitrile	4.959	41	4981	1.777	ug/l #	45
43) Isopropyl Acetate	6.367	43	19618	2.438	ug/l #	64
45) 1,2-Dichloropropane	7.391	63	6015	1.276	ug/l #	1
46) Dibromomethane	7.556	93	860	0.263	ug/l #	1
47) Bromodichloromethane	7.781	83	5068	0.727	ug/l #	36
48) Methyl methacrylate	7.659	41	55076	13.256	ug/l #	54
49) 1,4-Dioxane	7.891	88	19	0.395	ug/l #	1
51) 4-Methyl-2-Pentanone	8.604	43	9415	1.983	ug/l #	57
52) Toluene	8.732	92	4574	0.396	ug/l	100
55) 1,1,2-Trichloroethane	9.104	97	51337	11.922	ug/l #	17
56) Ethyl methacrylate	9.098	69	12380	2.077	ug/l #	1
59) 2-Hexanone	9.458	43	1500	0.476	ug/l	98
67) Ethyl Benzene	10.195	91	3195246	138.347	ug/l	97
68) m/p-Xylenes	10.299	106	56792	6.526	ug/l	97
69) o-Xylene	10.647	106	1788	0.213	ug/l	98
73) Isopropylbenzene	10.964	105	2130123	101.825	ug/l	100
76) 1,2,3-Trichloropropane	11.305	75	40852	8.885	ug/l #	1

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

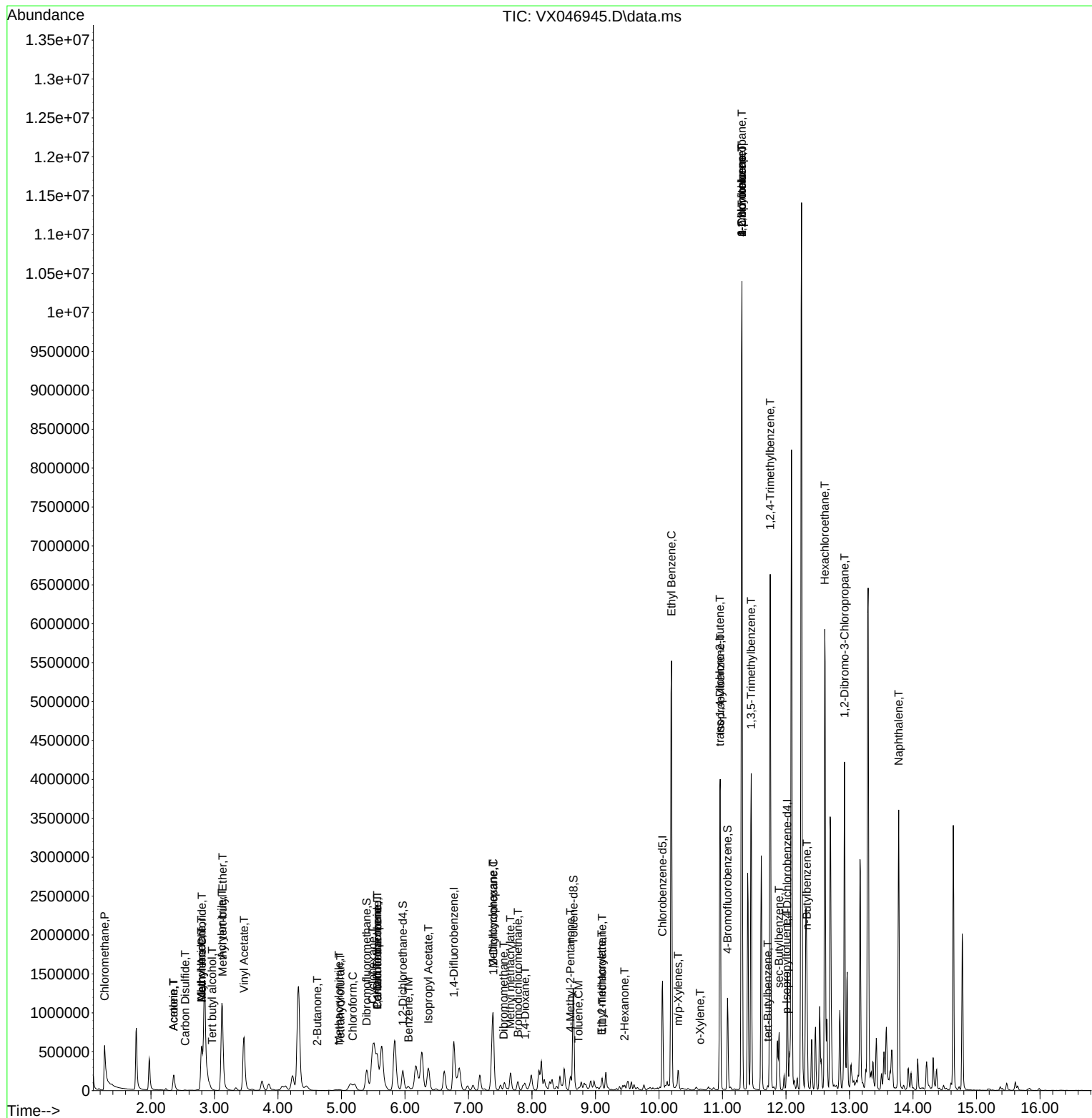
78) n-propylbenzene	11.305	91	6327167	250.832	ug/l	98
79) 2-Chlorotoluene	11.305	91	6327167	424.804	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	1726987	101.599	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.957	75	25228	14.723	ug/l #	72
82) 4-Chlorotoluene	11.305	91	6327167	368.116	ug/l #	45
83) tert-Butylbenzene	11.713	119	18026	1.027	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	2772389	161.364	ug/l	98
85) sec-Butylbenzene	11.890	105	389810	17.611	ug/l	95
86) p-Isopropyltoluene	12.006	119	54330	2.931	ug/l #	76
89) n-Butylbenzene	12.329	91	622939	35.766	ug/l #	59
90) Hexachloroethane	12.610	117	244664	74.456	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	12.921	75	13411	13.330	ug/l #	1
95) Naphthalene	13.774	128	2115455	125.133	ug/l	99

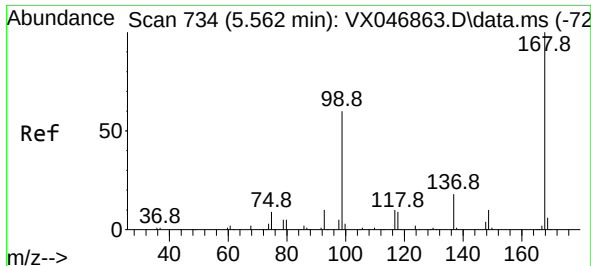
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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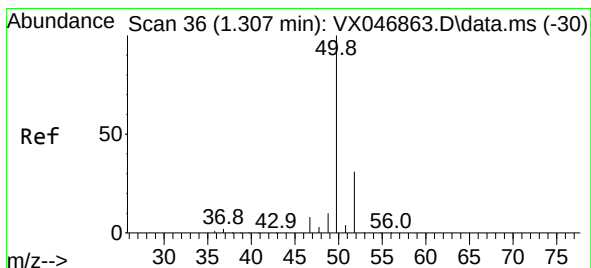
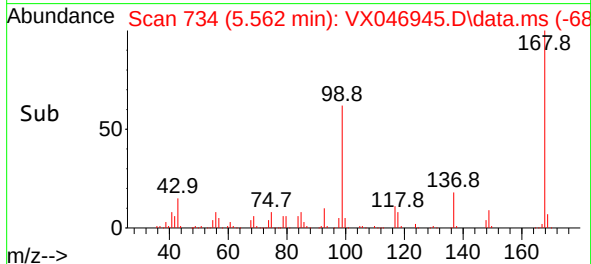
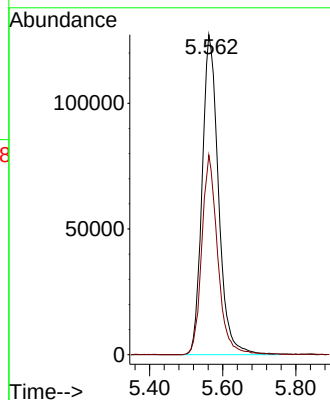
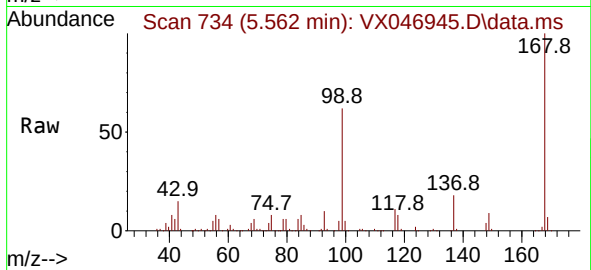




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
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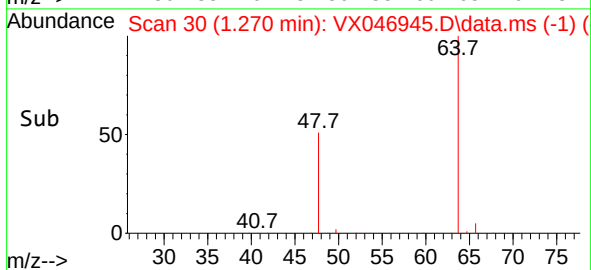
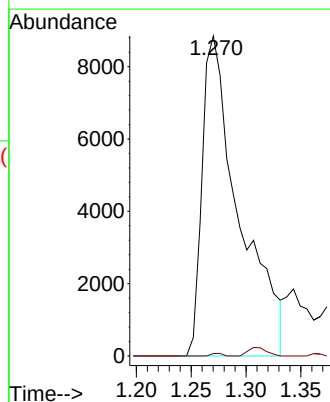
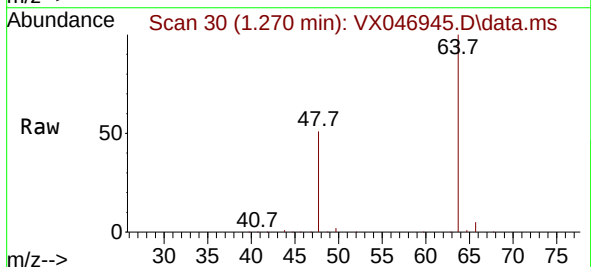
Instrument :
MSVOA_X
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AOC-203

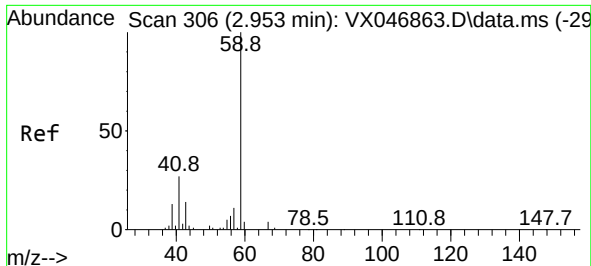
Tgt Ion:168 Resp: 394931
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2



#3
Chloromethane
Concen: 5.028 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.037 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 50 Resp: 20748
Ion Ratio Lower Upper
50 100
52 0.8 25.0 37.4#





#11

Tert butyl alcohol

Concen: 1.242 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

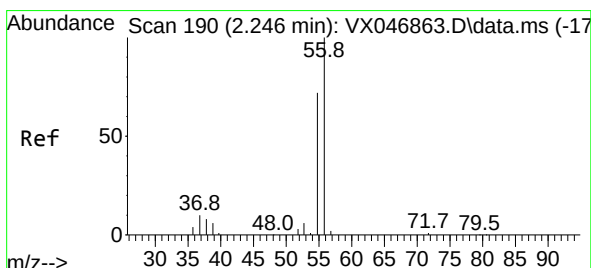
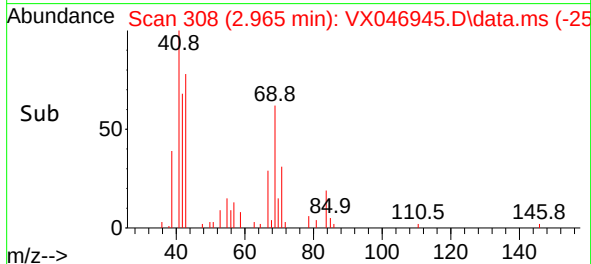
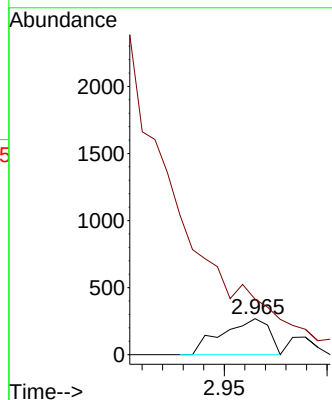
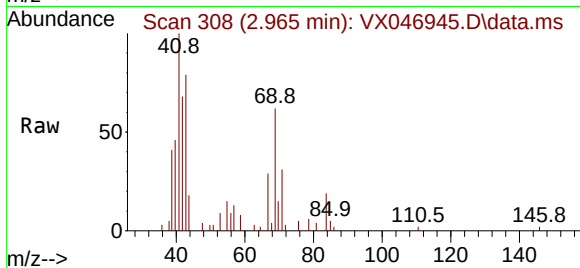
AOC-203

Tgt Ion: 59 Resp: 425

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 86.097 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.109 min

Lab File: VX046945.D

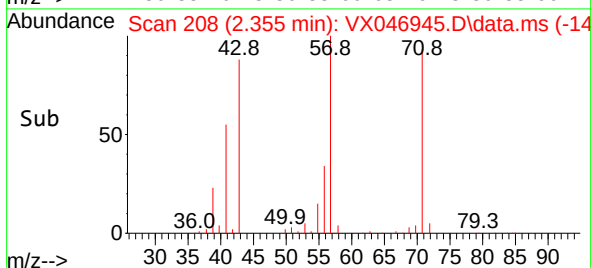
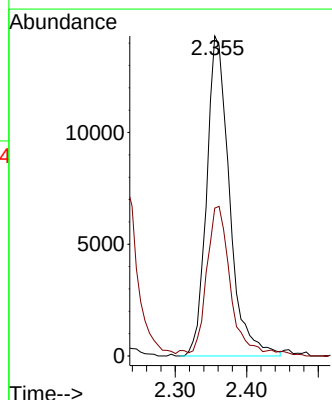
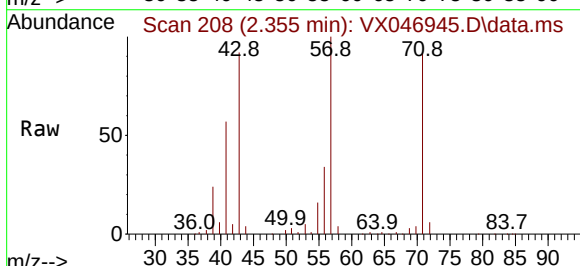
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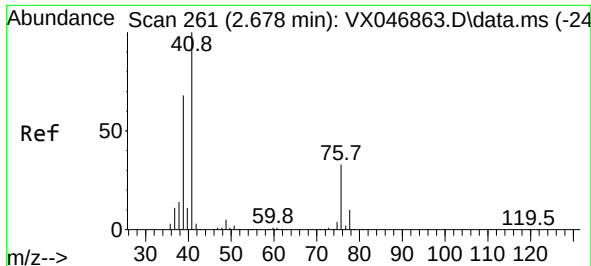
Tgt Ion: 56 Resp: 31844

Ion Ratio Lower Upper

56 100

55 46.1 55.5 83.3#

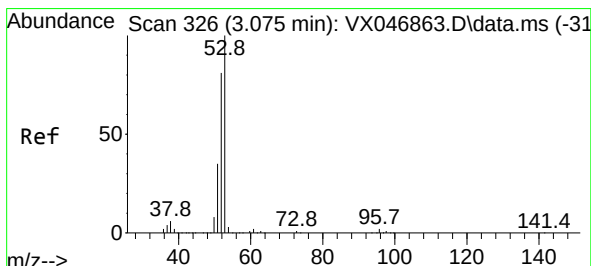
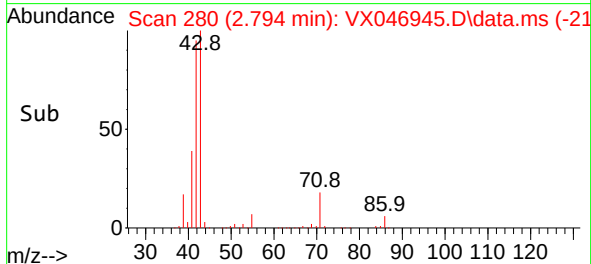
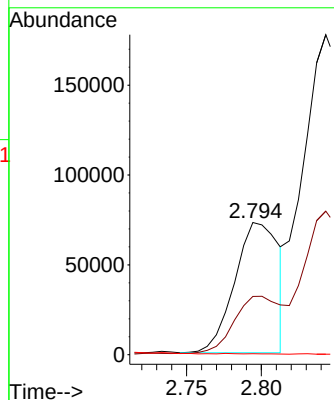
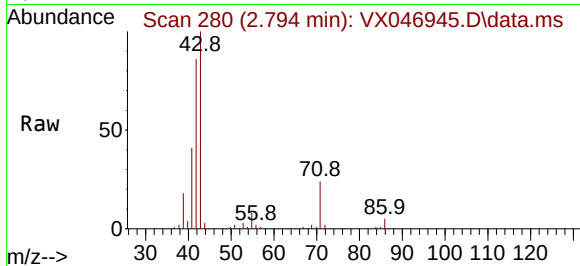




#14
 Allyl chloride
 Concen: 19.412 ug/l
 RT: 2.794 min Scan# 21
 Delta R.T. 0.116 min
 Lab File: VX046945.D
 Acq: 10 Jul 2025 15:26

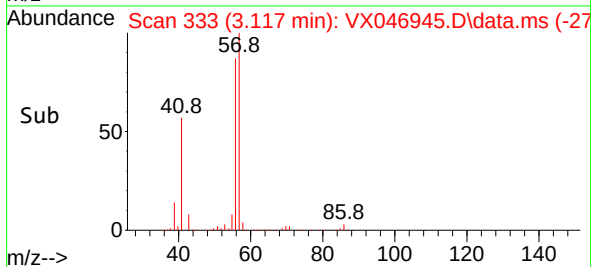
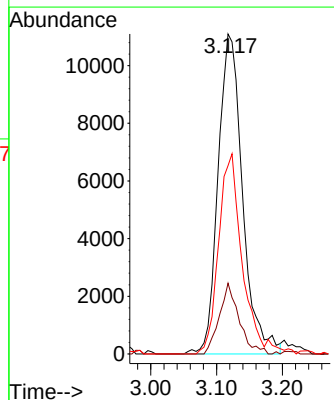
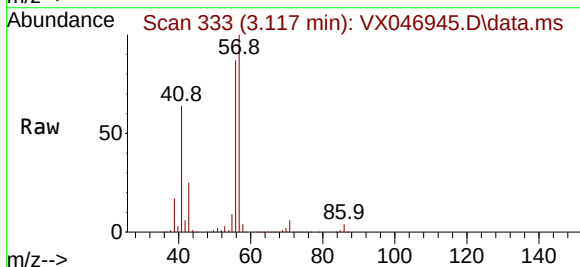
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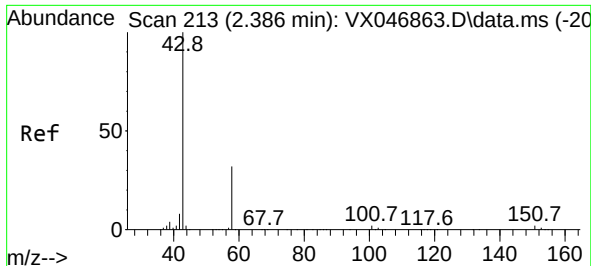
Tgt Ion: 41 Resp: 148006
 Ion Ratio Lower Upper
 41 100
 39 51.3 52.0 78.0#
 76 0.0 26.2 39.2#



#15
 Acrylonitrile
 Concen: 14.517 ug/l
 RT: 3.117 min Scan# 333
 Delta R.T. 0.043 min
 Lab File: VX046945.D
 Acq: 10 Jul 2025 15:26

Tgt Ion: 53 Resp: 28721
 Ion Ratio Lower Upper
 53 100
 52 17.9 66.0 99.0#
 51 60.6 28.6 43.0#

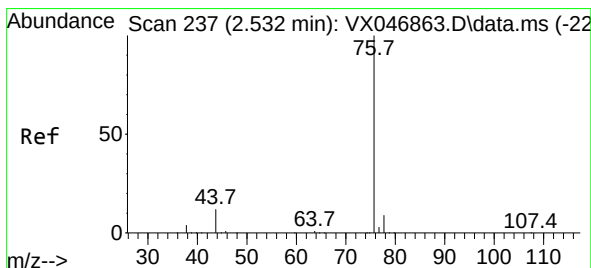
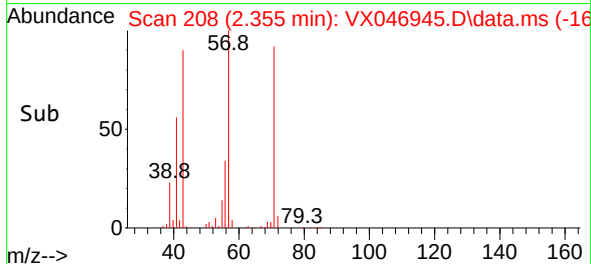
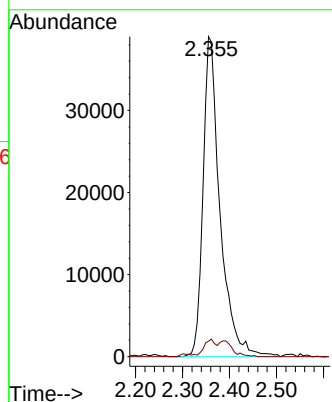
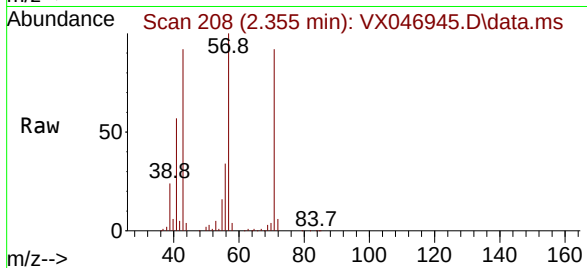




#16
Acetone
Concen: 60.224 ug/l
RT: 2.355 min Scan# 20
Delta R.T. -0.030 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

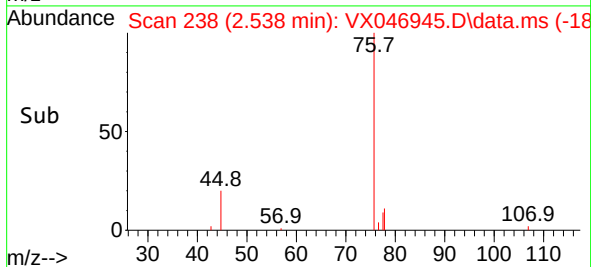
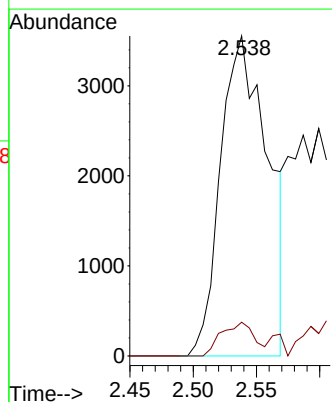
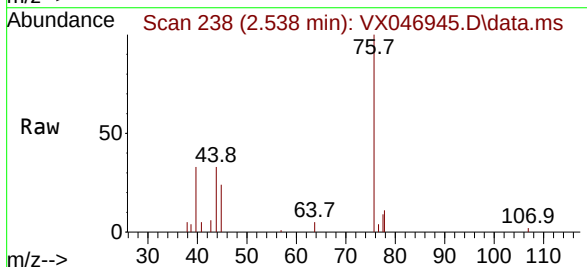
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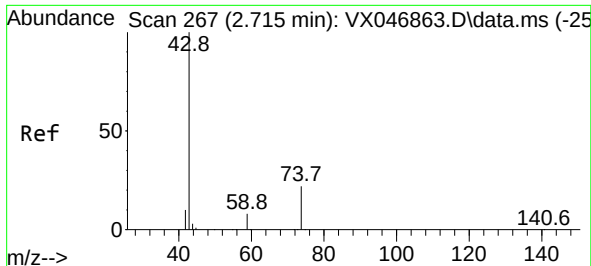
Tgt Ion: 43 Resp: 97601
Ion Ratio Lower Upper
43 100
58 4.8 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.817 ug/l
RT: 2.538 min Scan# 238
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 76 Resp: 9171
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

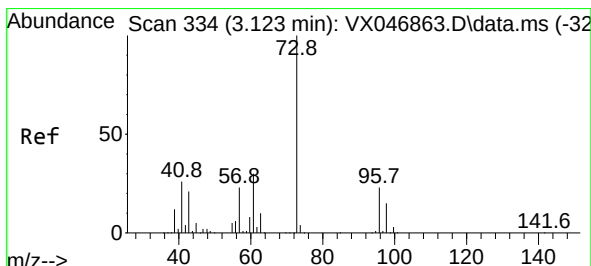
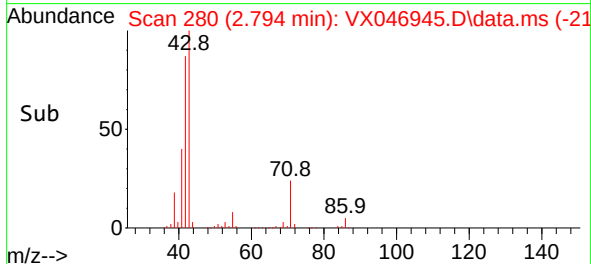
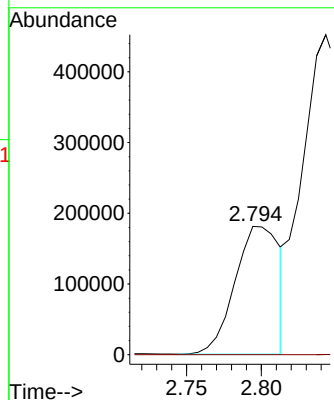
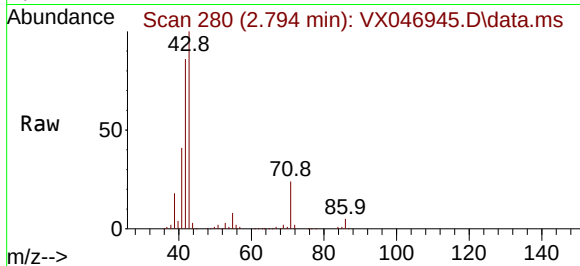




#18
Methyl Acetate
Concen: 87.236 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.079 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

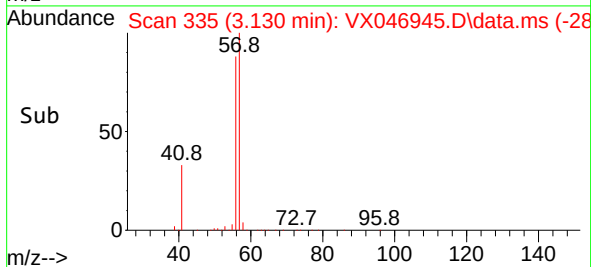
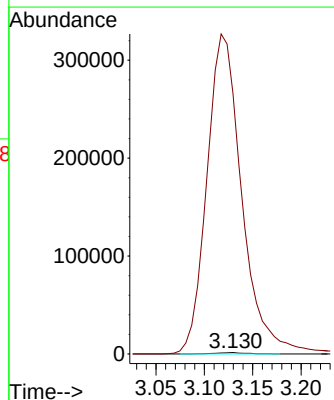
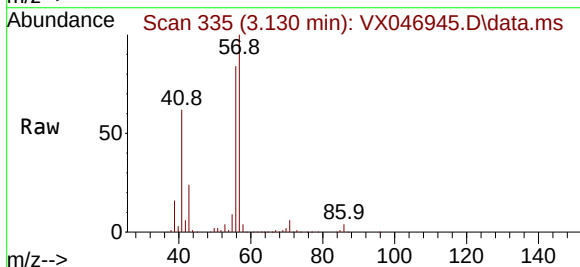
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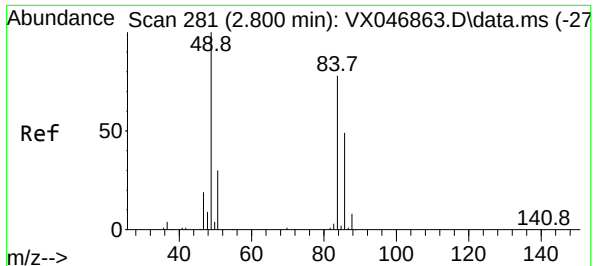
Tgt Ion: 43 Resp: 372637
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
Methyl tert-butyl Ether
Concen: 0.247 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 73 Resp: 2989
Ion Ratio Lower Upper
73 100
57 18248.5 18.6 28.0#

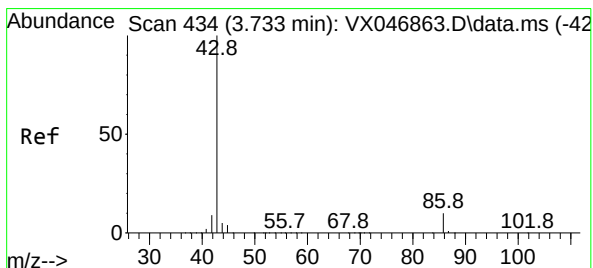
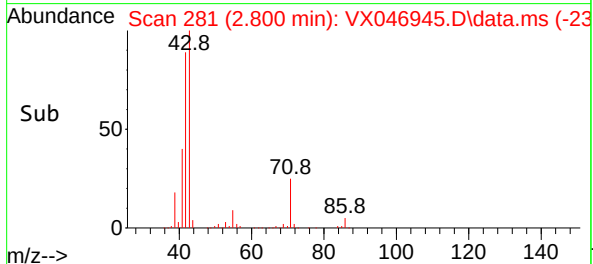
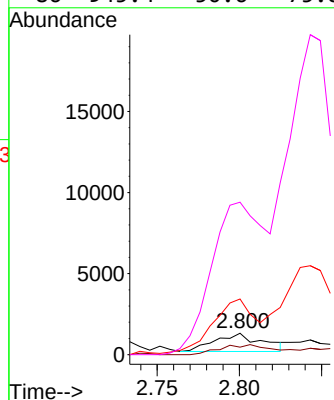
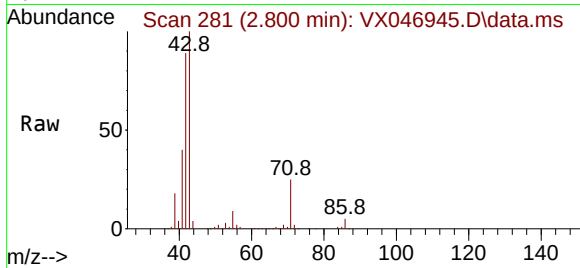




#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

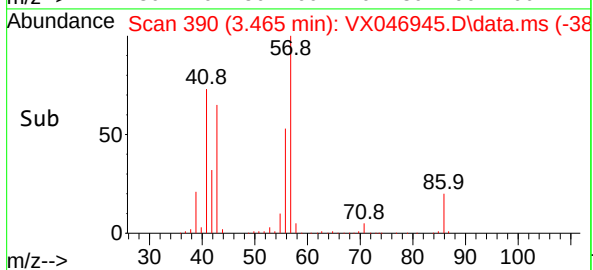
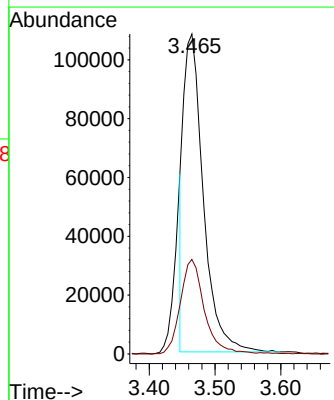
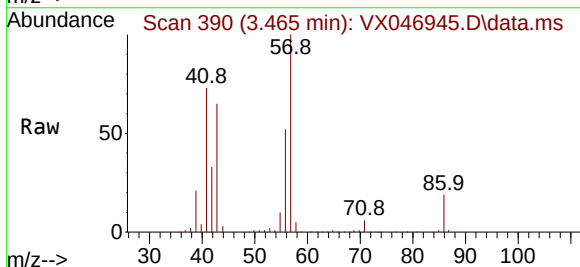
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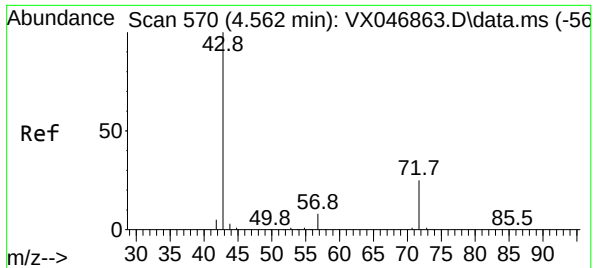
Tgt Ion: 84 Resp: 2237
Ion Ratio Lower Upper
84 100
49 48.7 102.8 154.2#
51 332.7 31.1 46.7#
86 945.4 50.6 75.8#



#23
Vinyl Acetate
Concen: 20.335 ug/l
RT: 3.465 min Scan# 390
Delta R.T. -0.268 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 43 Resp: 224402
Ion Ratio Lower Upper
43 100
86 29.8 8.2 12.4#

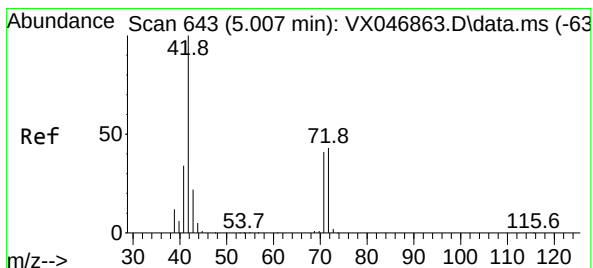
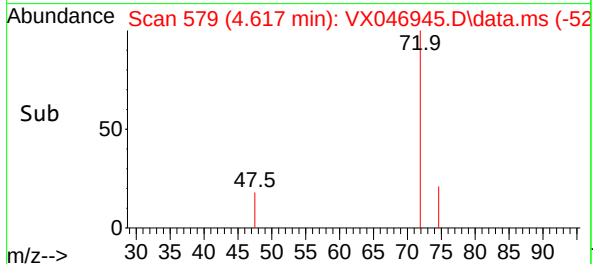
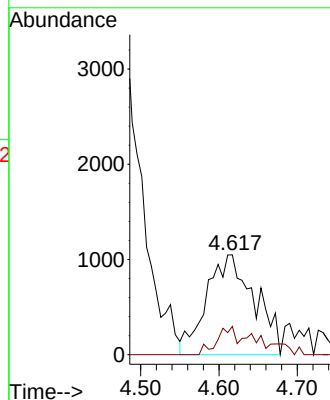
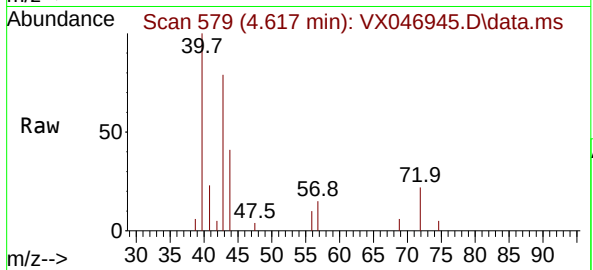




#25
2-Butanone
Concen: 2.058 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

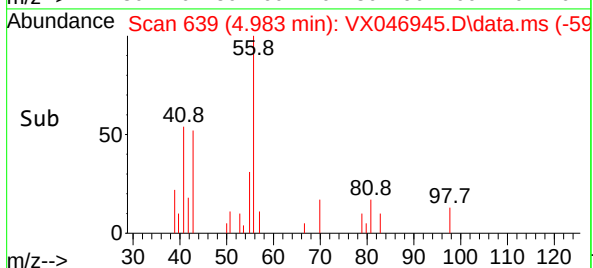
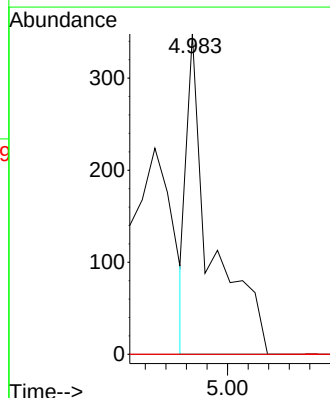
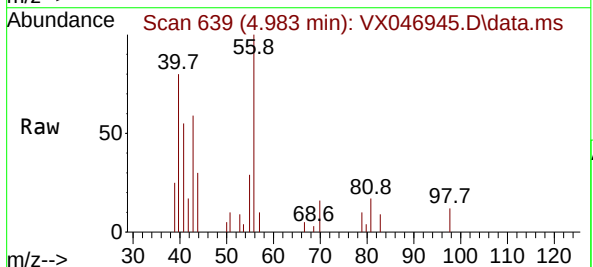
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

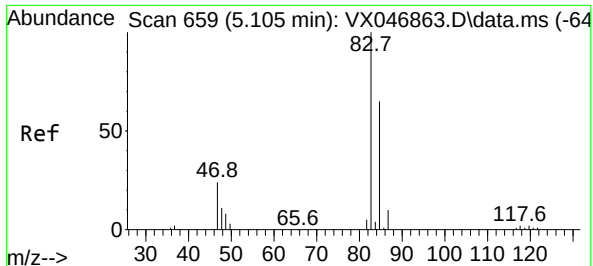
Tgt Ion: 43 Resp: 4449
Ion Ratio Lower Upper
43 100
72 28.4 20.0 30.0



#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 4.983 min Scan# 639
Delta R.T. -0.024 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 42 Resp: 283
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 0.0 31.9 47.9#





#30

Chloroform

Concen: 3.028 ug/l

RT: 5.178 min Scan# 61

Delta R.T. 0.073 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

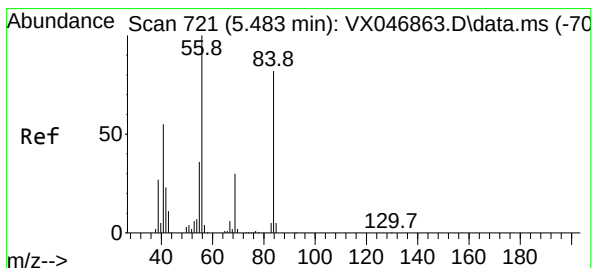
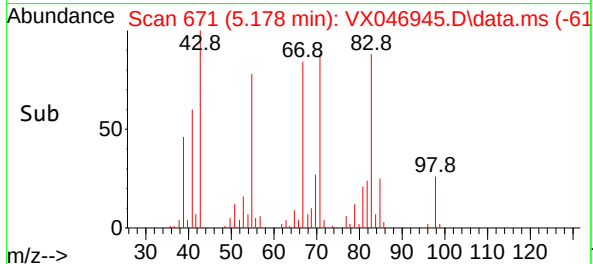
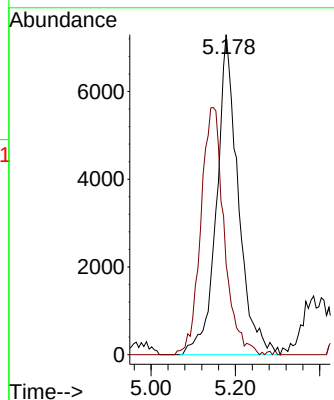
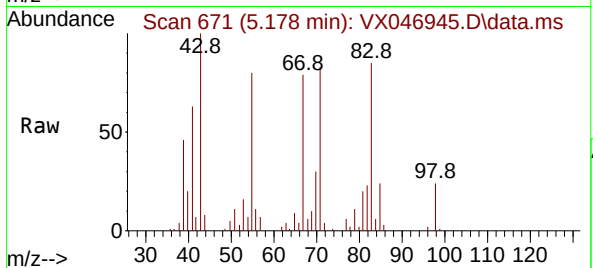
AOC-203

Tgt Ion: 83 Resp: 25986

Ion Ratio Lower Upper

83 100

85 28.2 51.8 77.8#



#31

Cyclohexane

Concen: 55.714 ug/l

RT: 5.489 min Scan# 722

Delta R.T. 0.006 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

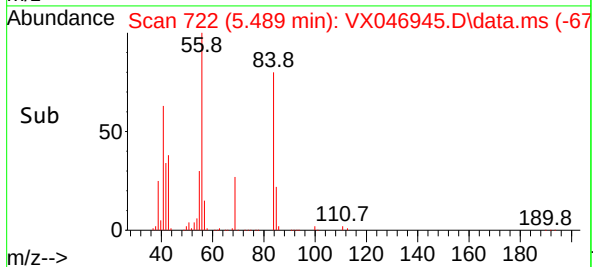
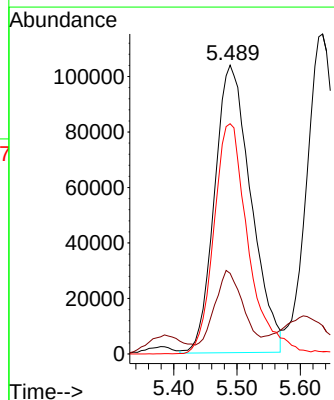
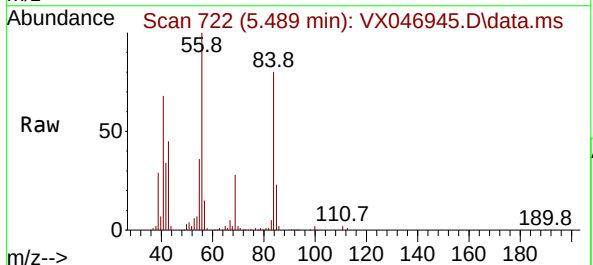
Tgt Ion: 56 Resp: 415511

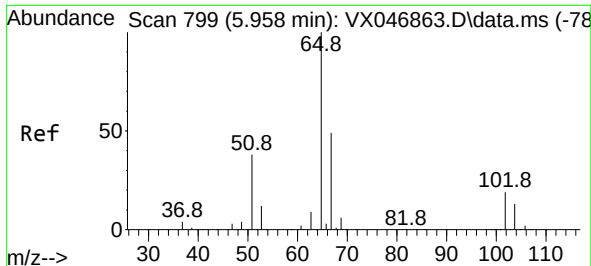
Ion Ratio Lower Upper

56 100

69 23.8 24.0 36.0#

84 80.5 66.5 99.7

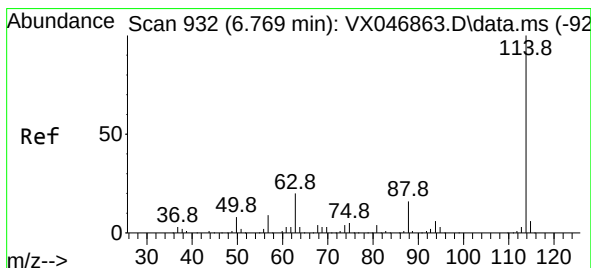
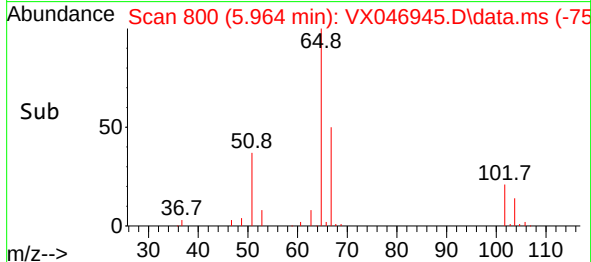
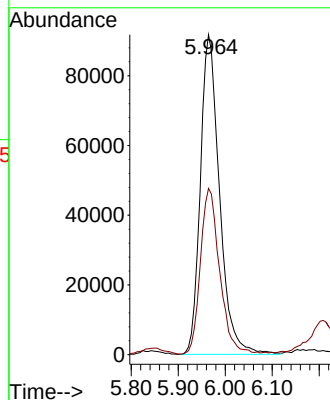
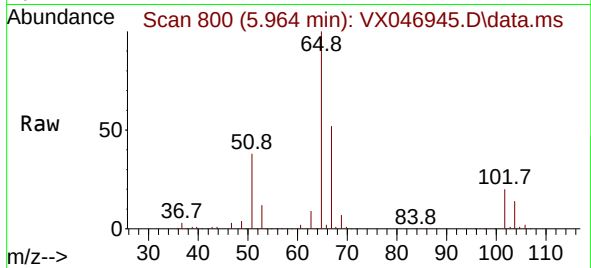




#33
 1,2-Dichloroethane-d4
 Concen: 49.787 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX046945.D
 Acq: 10 Jul 2025 15:26

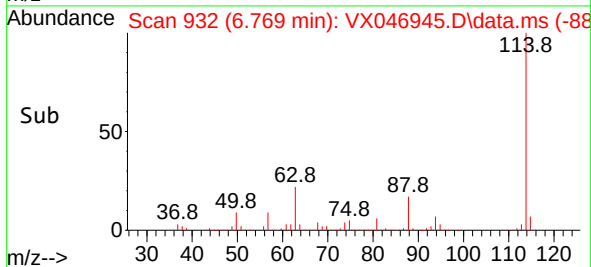
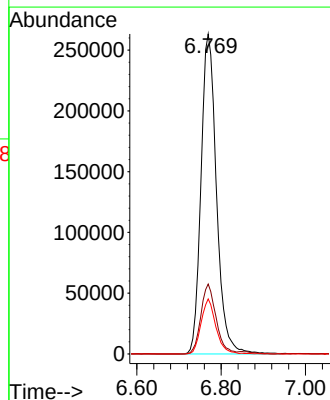
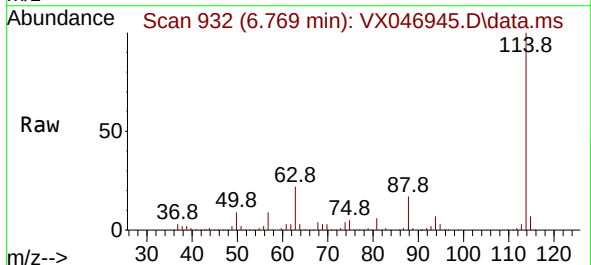
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-203

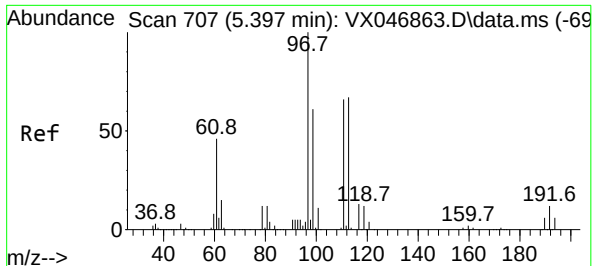
Tgt Ion: 65 Resp: 259762
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046945.D
 Acq: 10 Jul 2025 15:26

Tgt Ion: 114 Resp: 673452
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.4
 88 17.2 0.0 31.0

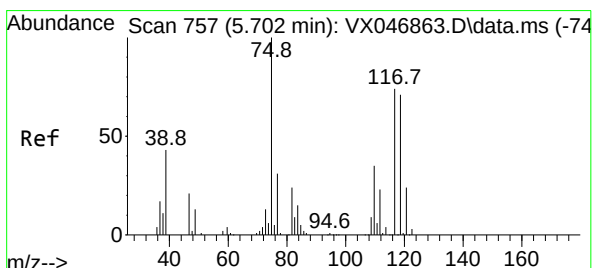
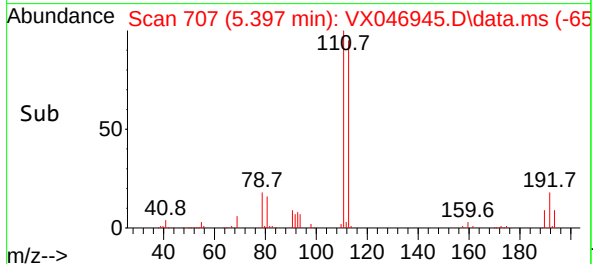
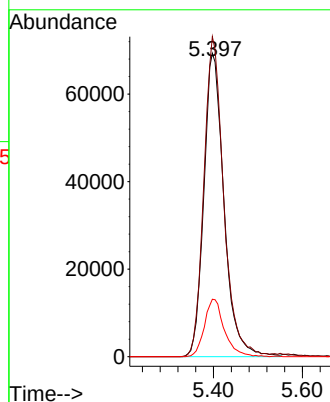
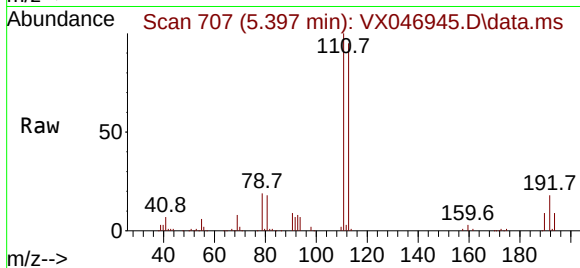




#35
Dibromofluoromethane
Concen: 47.875 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

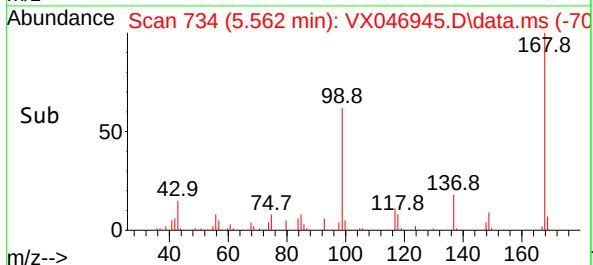
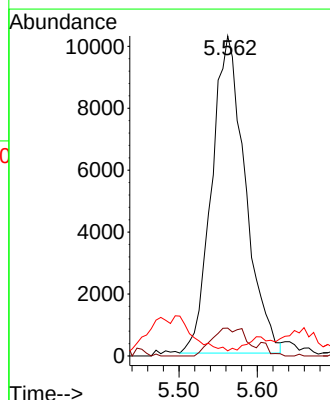
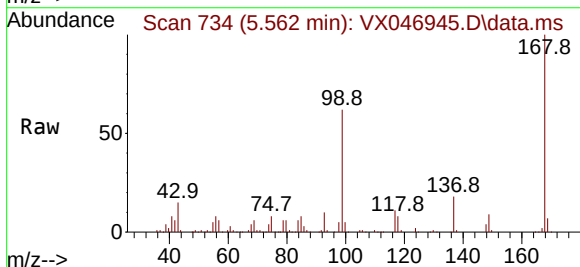
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

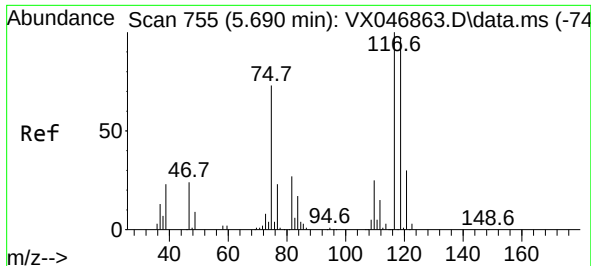
Tgt Ion:113 Resp: 218856
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 18.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 75 Resp: 30435
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.9#
77 0.0 24.2 36.4#

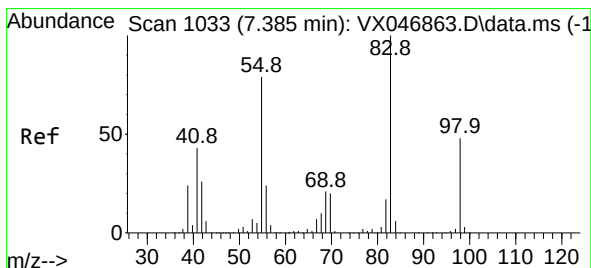
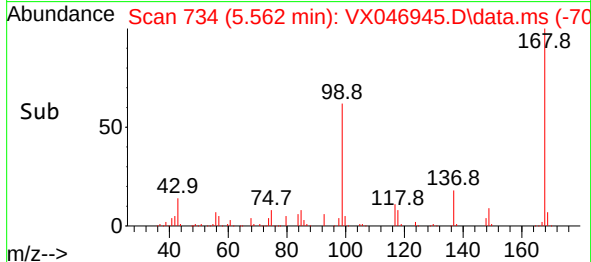
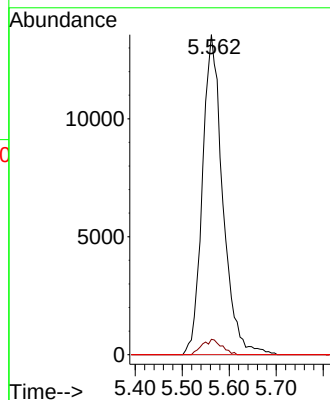
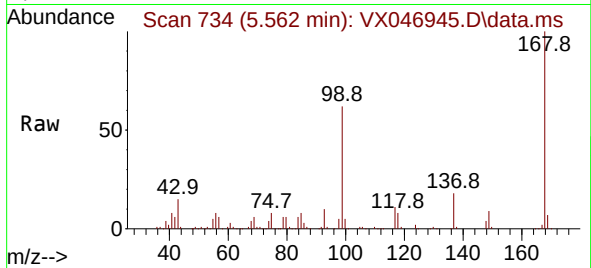




#38
Carbon Tetrachloride
Concen: 6.261 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

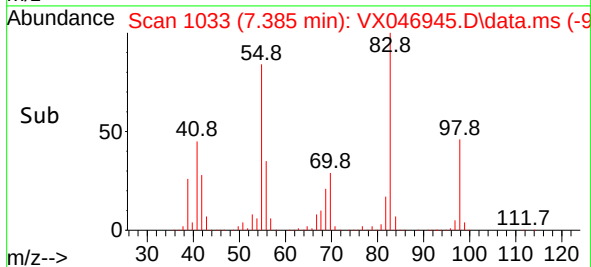
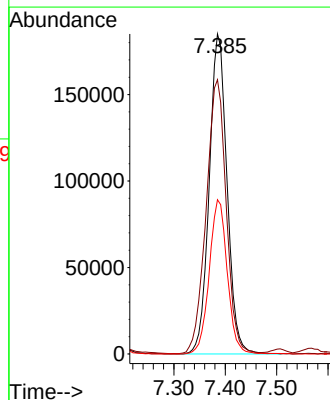
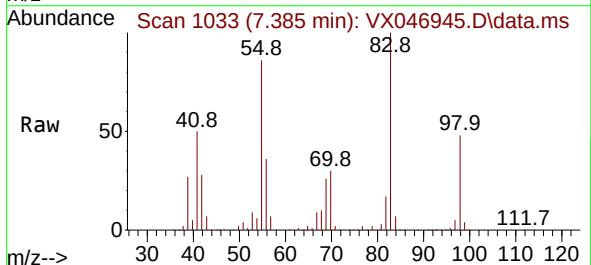
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

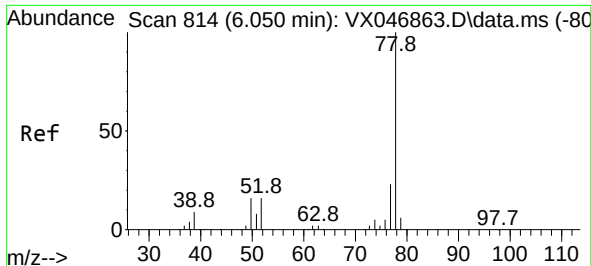
Tgt Ion:117 Resp: 40825
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 57.774 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 83 Resp: 445744
Ion Ratio Lower Upper
83 100
55 85.4 63.0 94.4
98 48.2 38.5 57.7





#40

Benzene

Concen: 3.340 ug/l

RT: 6.056 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

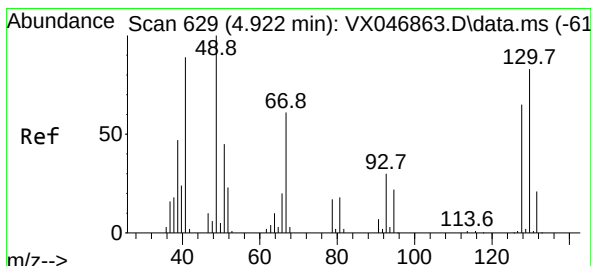
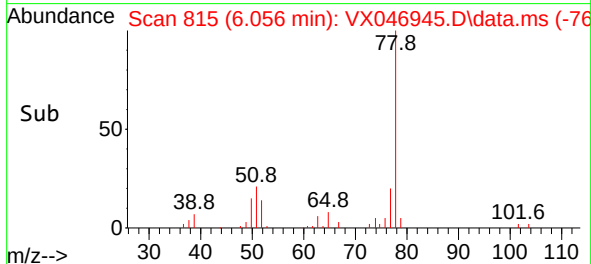
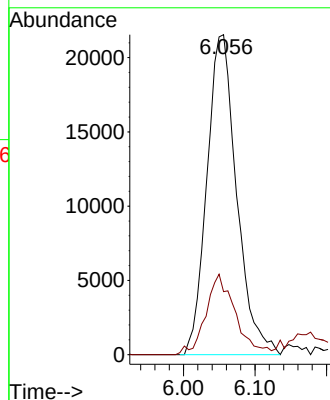
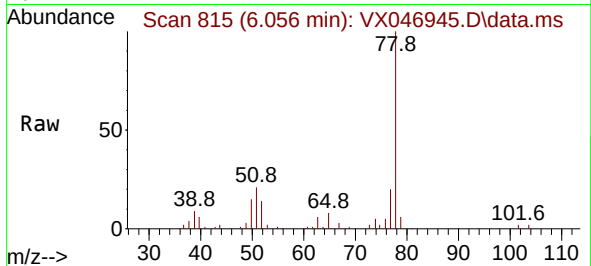
AOC-203

Tgt Ion: 78 Resp: 62304

Ion Ratio Lower Upper

78 100

77 19.0 18.7 28.1



#41

Methacrylonitrile

Concen: 1.777 ug/l

RT: 4.959 min Scan# 635

Delta R.T. 0.037 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Tgt Ion: 41 Resp: 4981

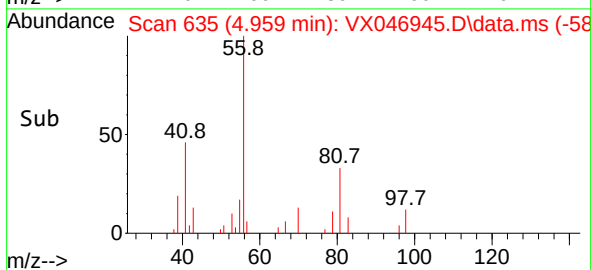
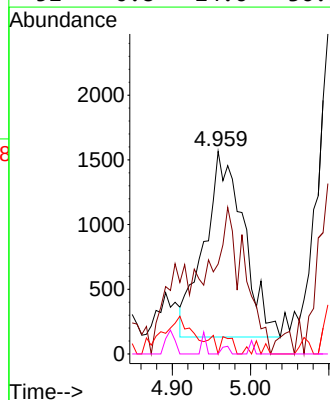
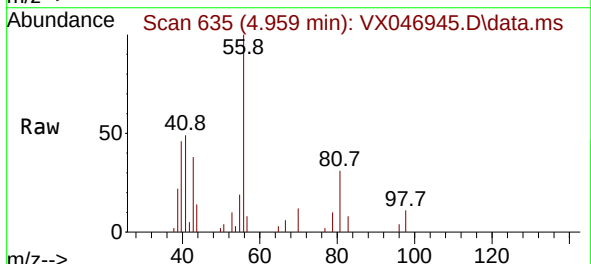
Ion Ratio Lower Upper

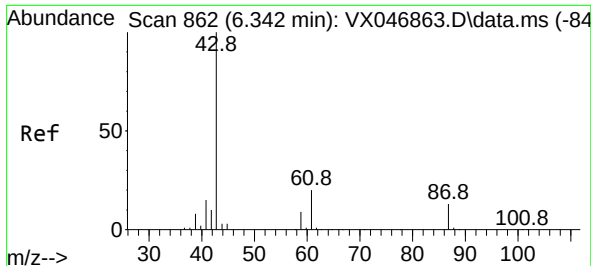
41 100

39 60.1 43.0 64.4

67 0.0 60.2 90.2#

52 0.8 24.6 36.8#

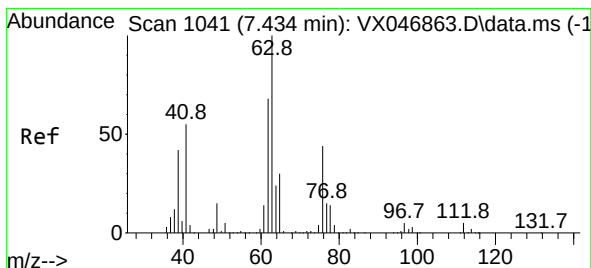
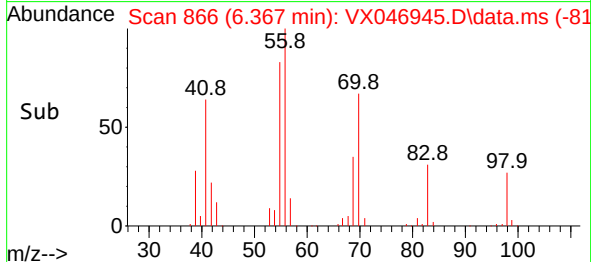
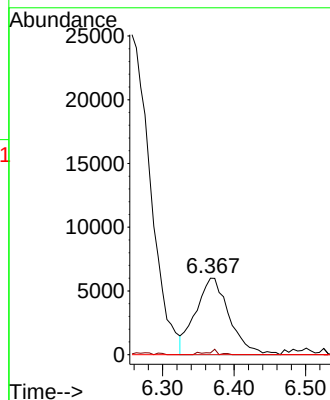
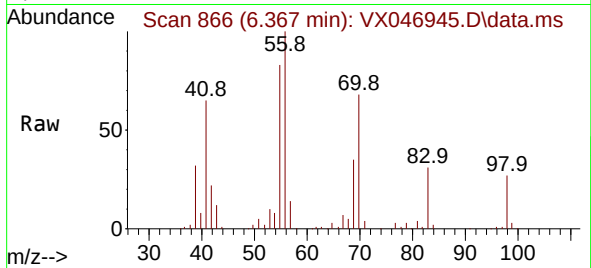




#43
Isopropyl Acetate
Concen: 2.438 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.024 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

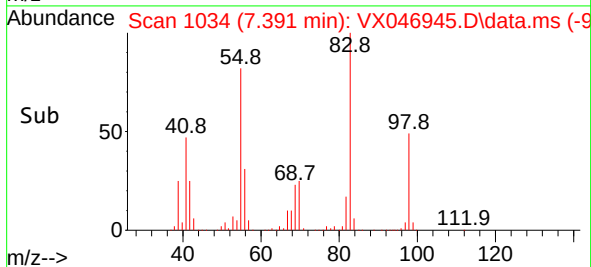
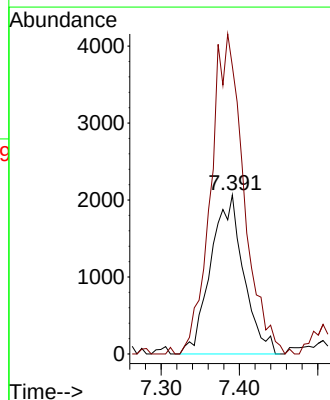
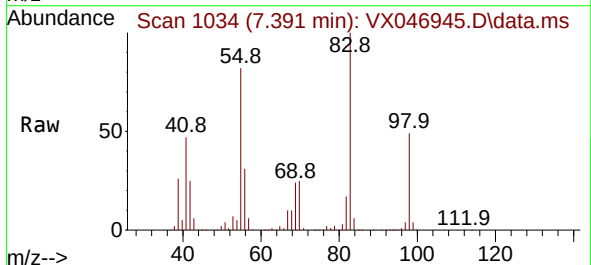
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

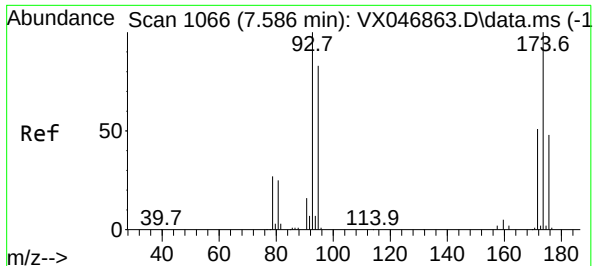
Tgt Ion: 43 Resp: 19618
Ion Ratio Lower Upper
43 100
61 2.2 15.7 23.5#
87 0.0 10.1 15.1#



#45
1,2-Dichloropropane
Concen: 1.276 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.043 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 63 Resp: 6015
Ion Ratio Lower Upper
63 100
65 180.9 24.2 36.2#

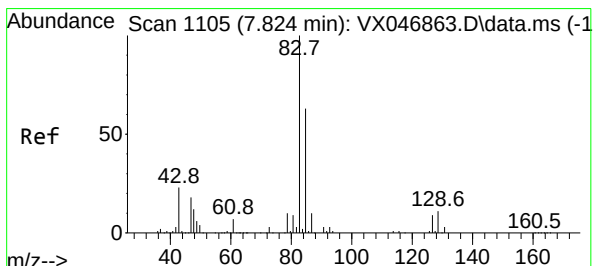
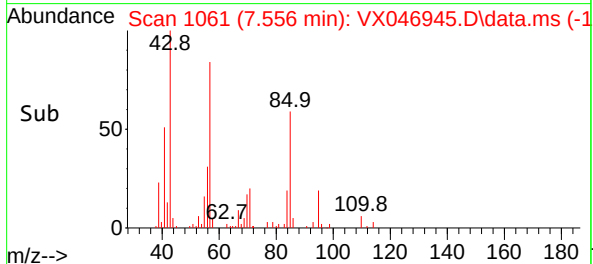
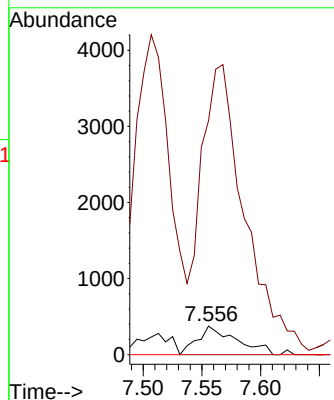
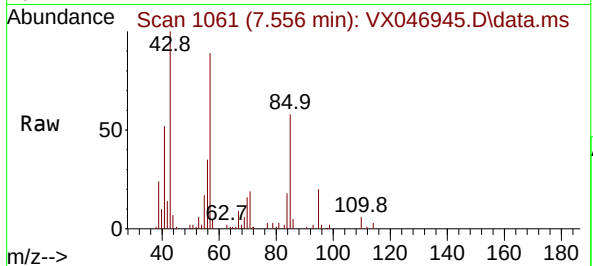




#46
Dibromomethane
Concen: 0.263 ug/l
RT: 7.556 min Scan# 1061
Delta R.T. -0.030 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

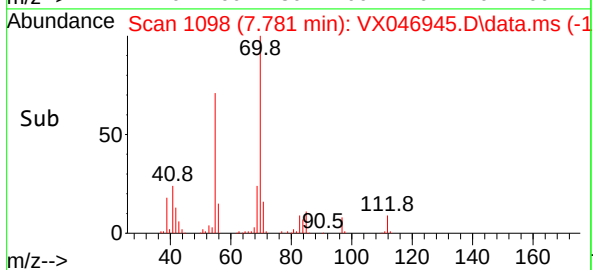
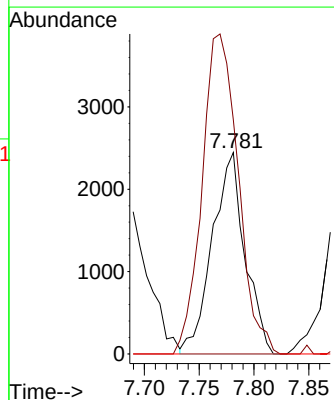
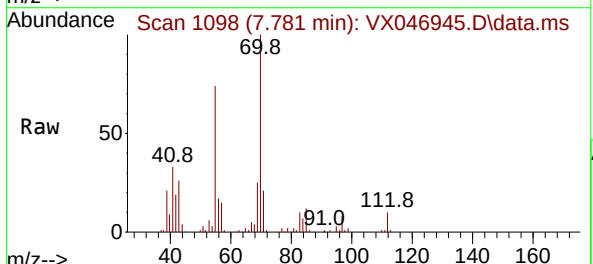
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

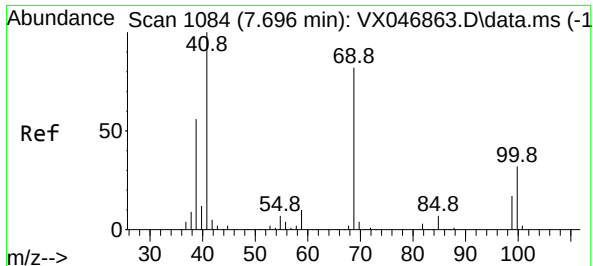
Tgt Ion: 93 Resp: 860
Ion Ratio Lower Upper
93 100
95 1149.7 66.6 99.8#
174 0.0 77.4 116.2#



#47
Bromodichloromethane
Concen: 0.727 ug/l
RT: 7.781 min Scan# 1098
Delta R.T. -0.043 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 83 Resp: 5068
Ion Ratio Lower Upper
83 100
85 116.3 50.2 75.4#
127 0.0 7.1 10.7#

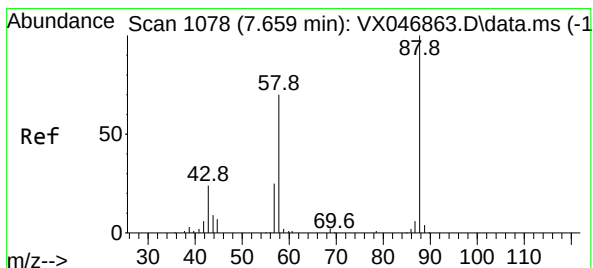
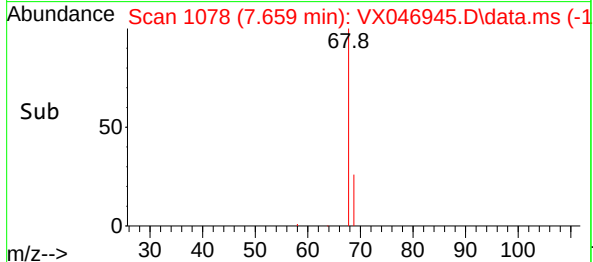
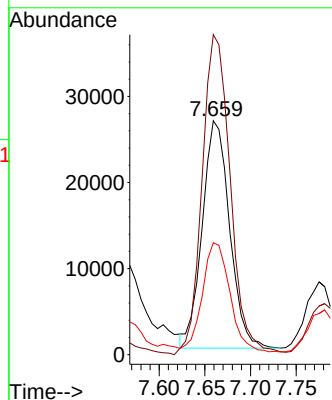
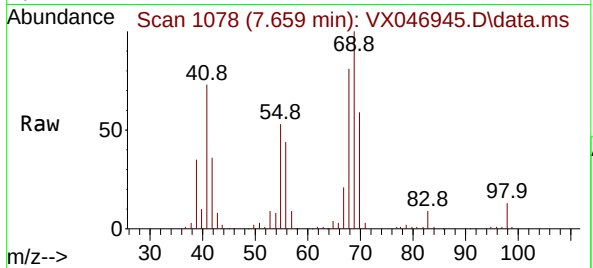




#48
Methyl methacrylate
Concen: 13.256 ug/l
RT: 7.659 min Scan# 1107
Delta R.T. -0.037 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

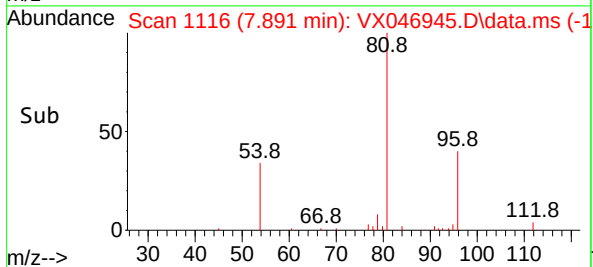
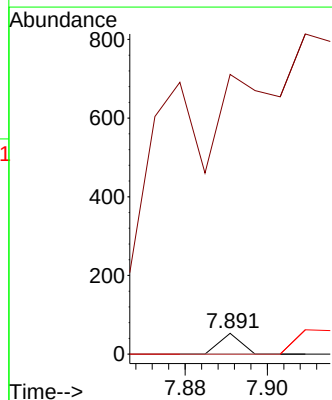
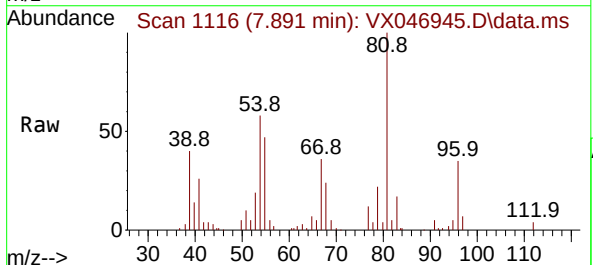
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

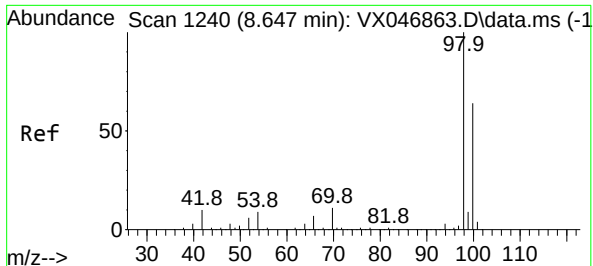
Tgt Ion: 41 Resp: 55076
Ion Ratio Lower Upper
41 100
69 145.1 65.8 98.8#
39 48.0 43.8 65.6



#49
1,4-Dioxane
Concen: 0.395 ug/l
RT: 7.891 min Scan# 1116
Delta R.T. 0.232 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 31.7 47.5#
58 236.8 57.5 86.3#





#50

Toluene-d8

Concen: 49.856 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

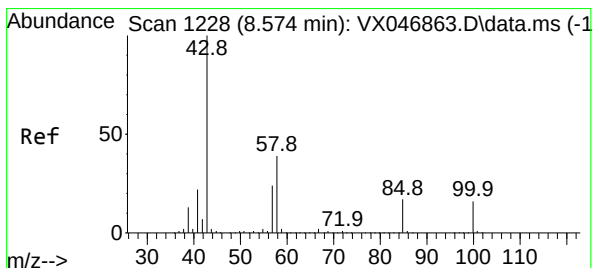
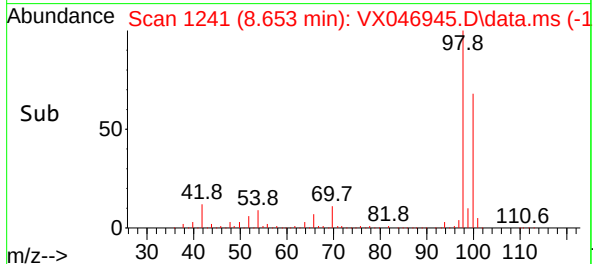
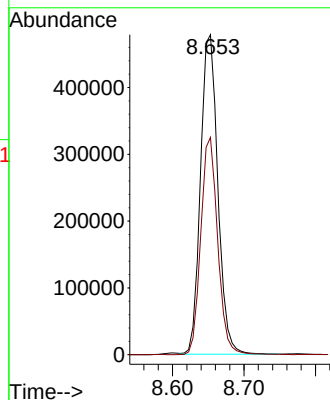
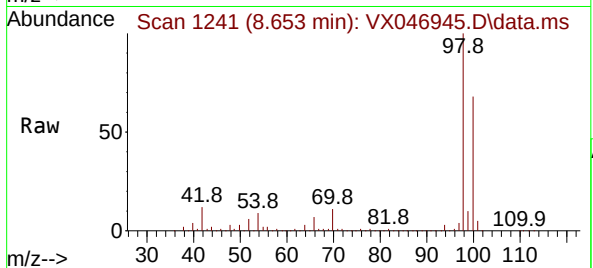
AOC-203

Tgt Ion: 98 Resp: 804116

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 1.983 ug/l

RT: 8.604 min Scan# 1233

Delta R.T. 0.031 min

Lab File: VX046945.D

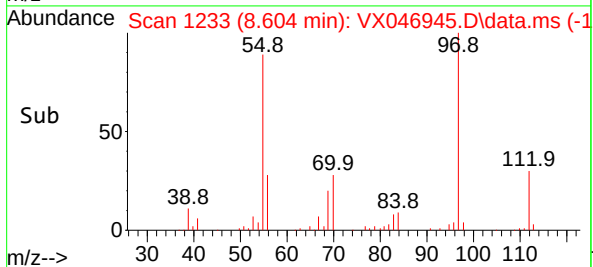
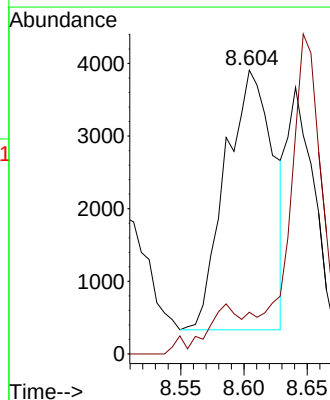
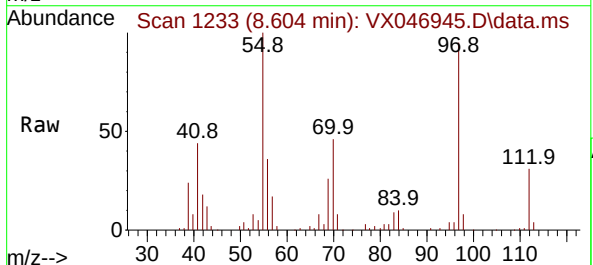
Acq: 10 Jul 2025 15:26

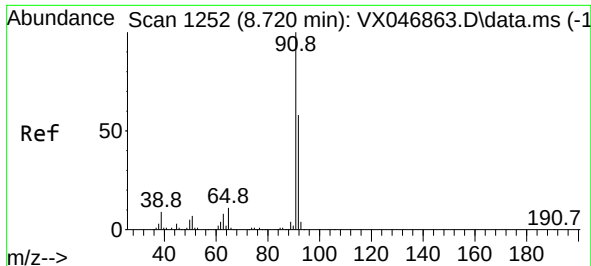
Tgt Ion: 43 Resp: 9415

Ion Ratio Lower Upper

43 100

58 12.2 30.4 45.6#





#52

Toluene

Concen: 0.396 ug/l

RT: 8.732 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

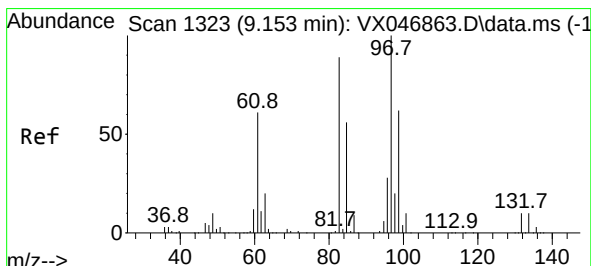
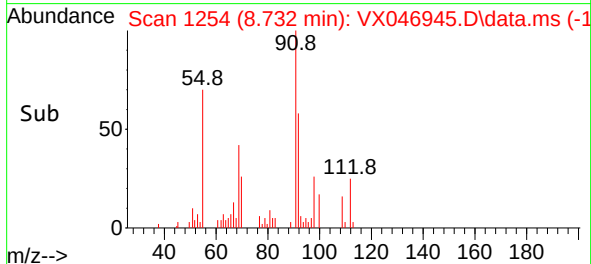
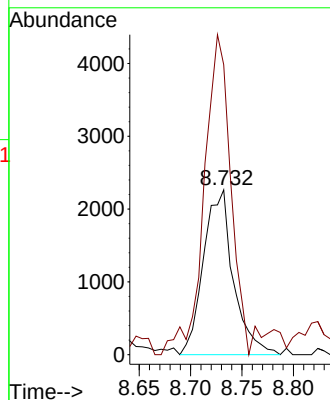
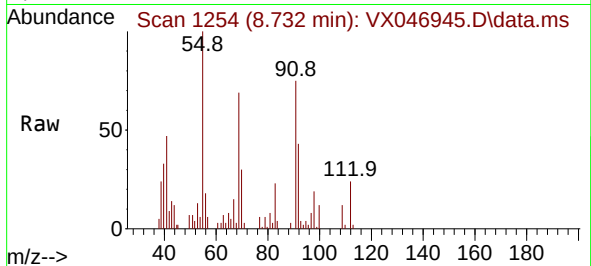
AOC-203

Tgt Ion: 92 Resp: 4574

Ion Ratio Lower Upper

92 100

91 172.5 137.9 206.9



#55

1,1,2-Trichloroethane

Concen: 11.922 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Tgt Ion: 97 Resp: 51337

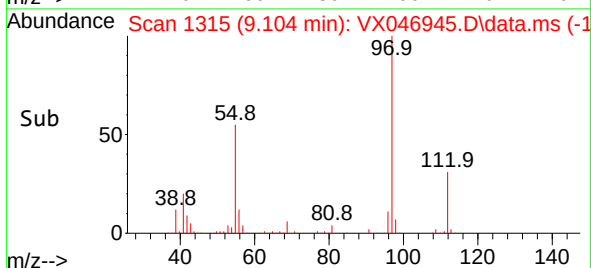
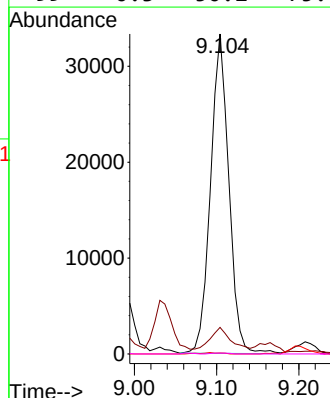
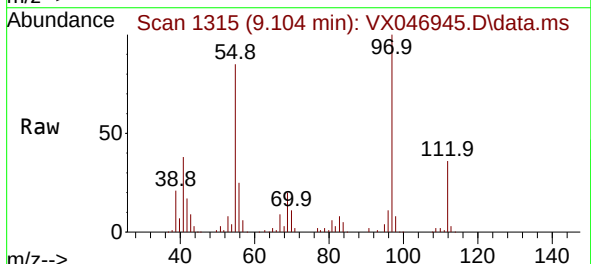
Ion Ratio Lower Upper

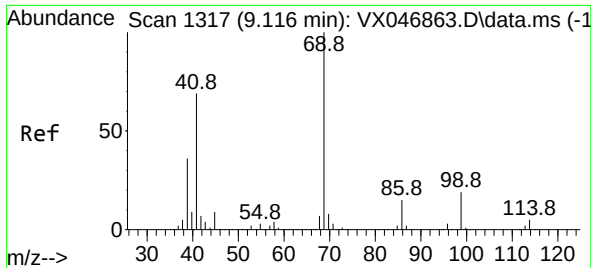
97 100

83 6.5 70.9 106.3#

85 0.3 44.6 67.0#

99 0.3 50.2 75.4#

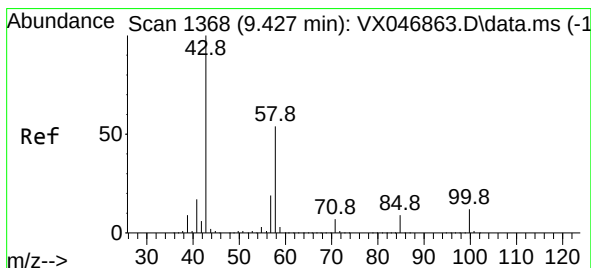
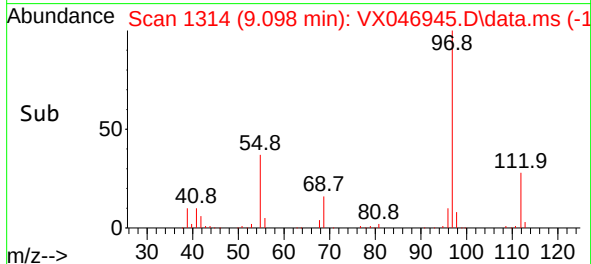
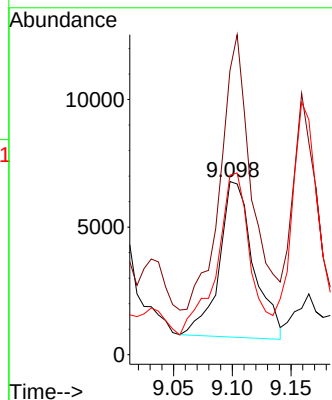
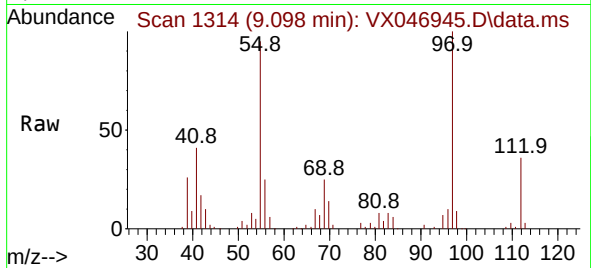




#56
Ethyl methacrylate
Concen: 2.077 ug/l
RT: 9.098 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

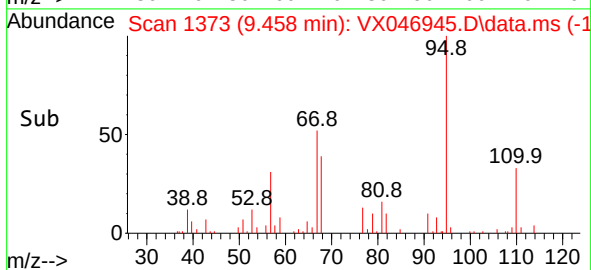
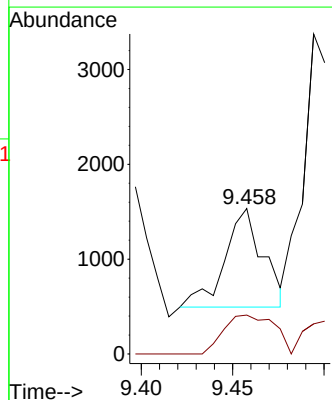
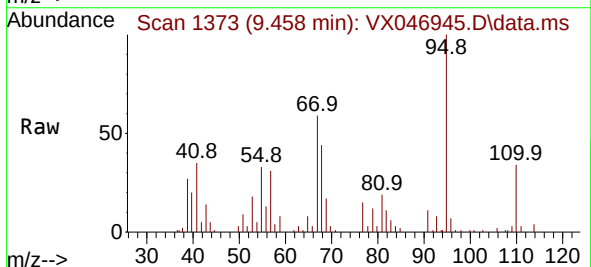
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

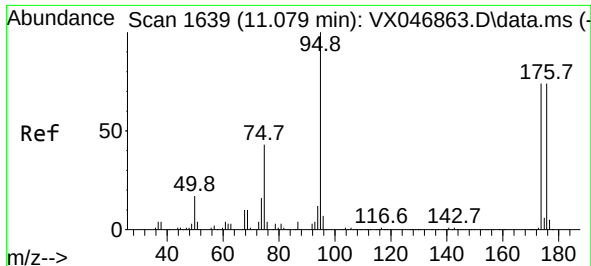
Tgt Ion: 69 Resp: 12380
Ion Ratio Lower Upper
69 100
41 157.3 54.6 82.0#
39 100.7 28.7 43.1#



#59
2-Hexanone
Concen: 0.476 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.031 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.3





#62

4-Bromofluorobenzene

Concen: 50.576 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046945.D

Acq: 10 Jul 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

AOC-203

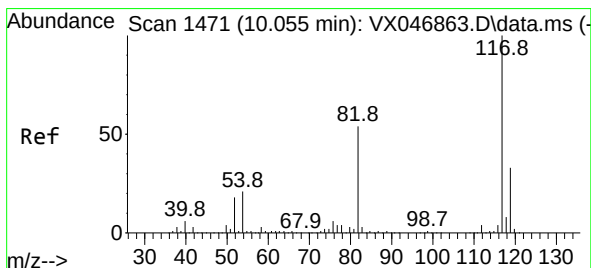
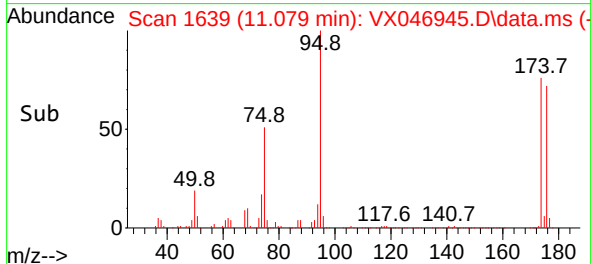
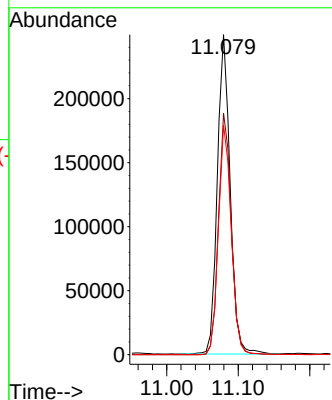
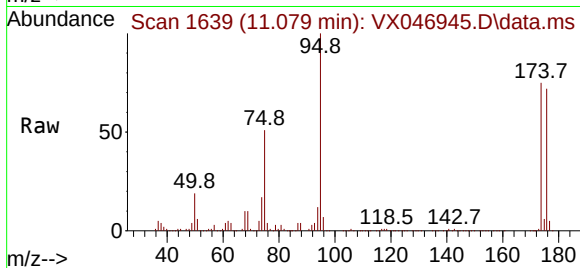
Tgt Ion: 95 Resp: 310029

Ion Ratio Lower Upper

95 100

174 75.6 0.0 152.0

176 72.4 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: VX046945.D

Acq: 10 Jul 2025 15:26

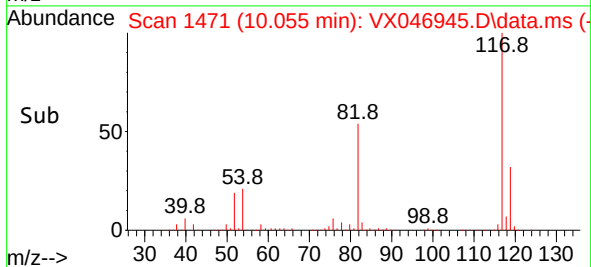
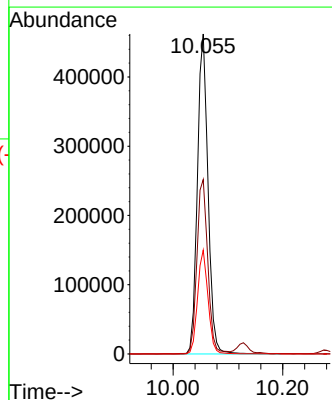
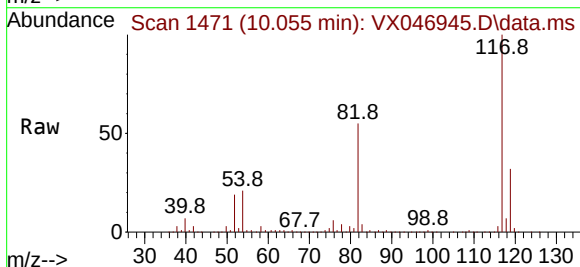
Tgt Ion: 117 Resp: 623779

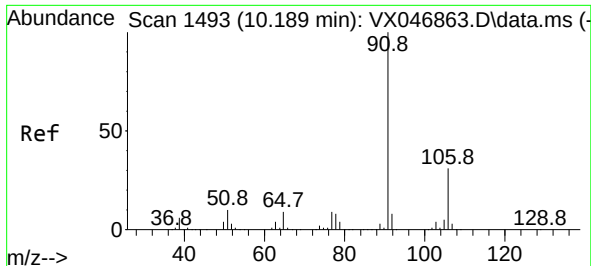
Ion Ratio Lower Upper

117 100

82 54.4 43.3 64.9

119 32.5 26.4 39.6

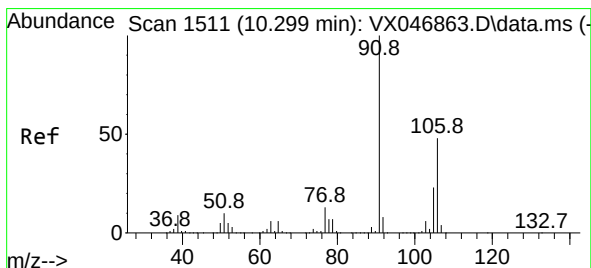
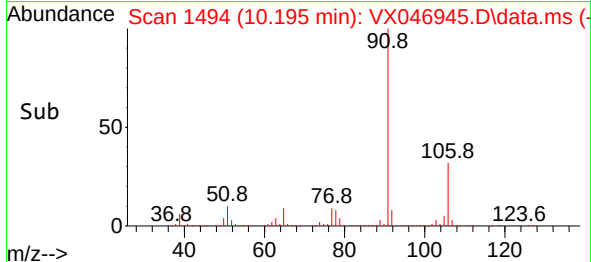
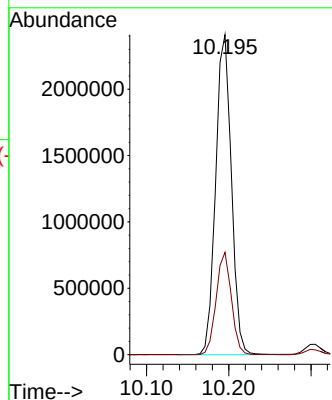
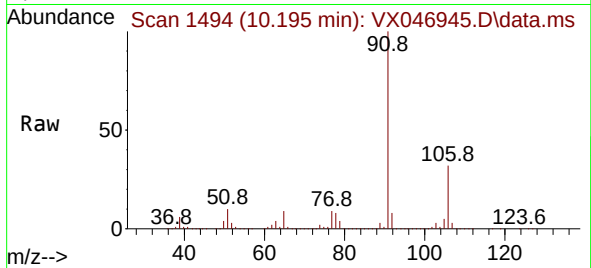




#67
Ethyl Benzene
Concen: 138.347 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

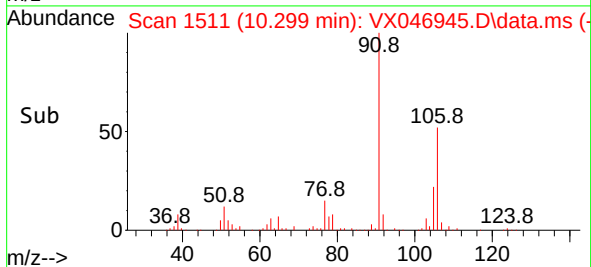
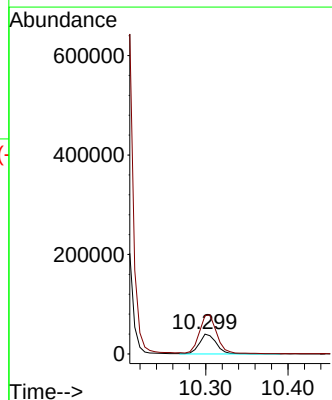
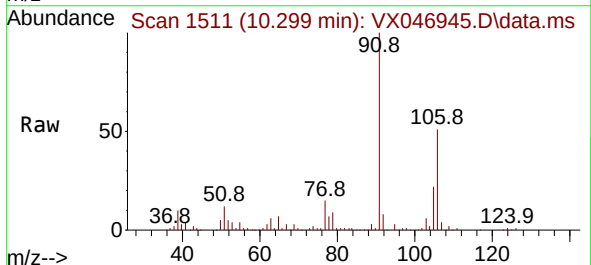
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

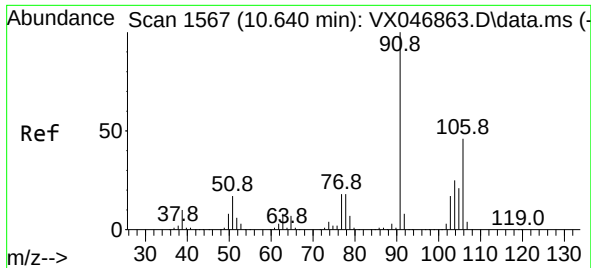
Tgt Ion: 91 Resp: 3195246
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6



#68
m/p-Xylenes
Concen: 6.526 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 106 Resp: 56792
Ion Ratio Lower Upper
106 100
91 201.2 164.6 246.8

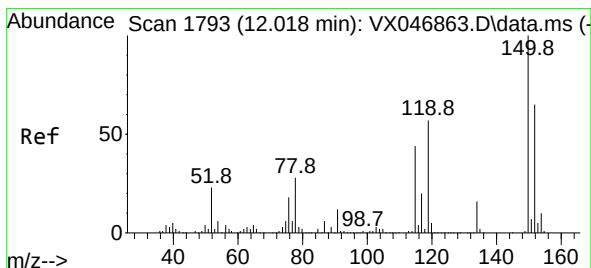
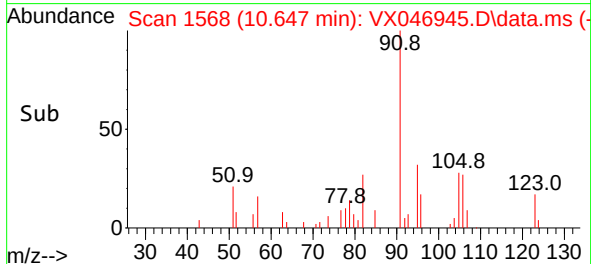
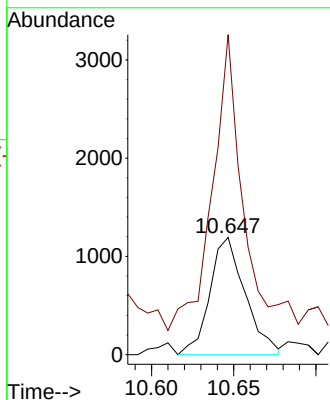
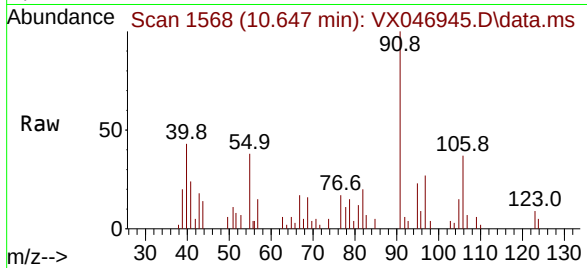




#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

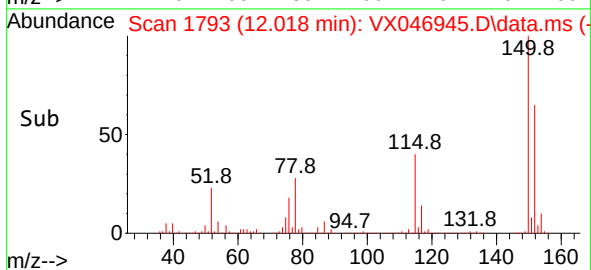
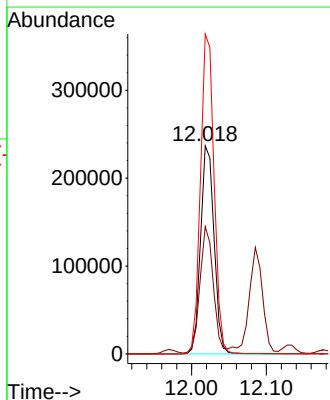
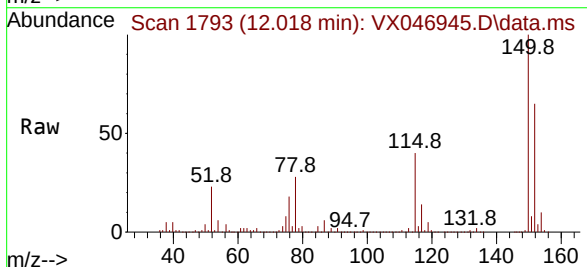
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

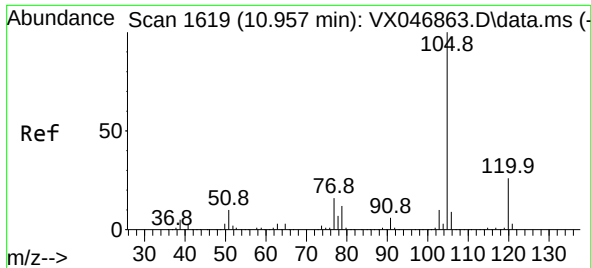
Tgt Ion:106 Resp: 1788
Ion Ratio Lower Upper
106 100
91 221.9 109.5 328.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:152 Resp: 297586
Ion Ratio Lower Upper
152 100
115 59.9 42.4 127.1
150 154.3 0.0 349.2

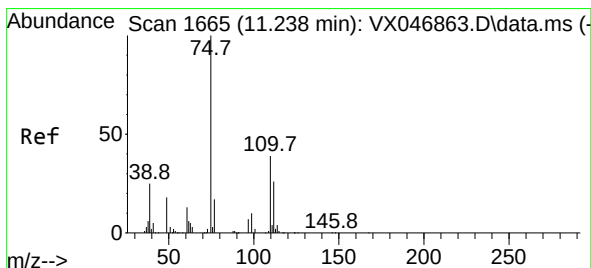
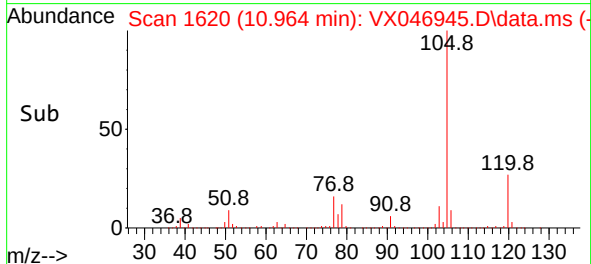
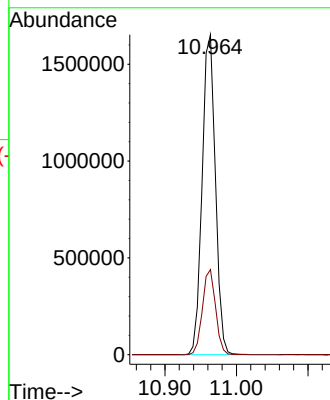
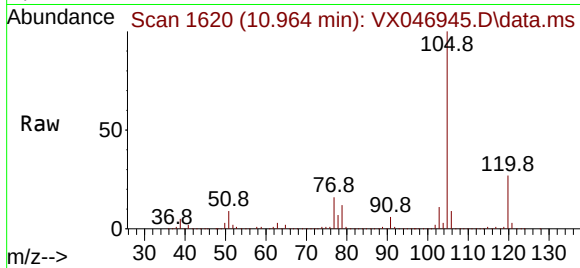




#73
Isopropylbenzene
Concen: 101.825 ug/l
RT: 10.964 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

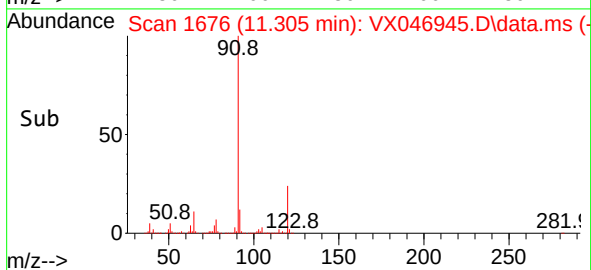
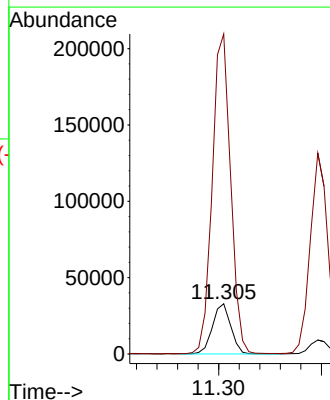
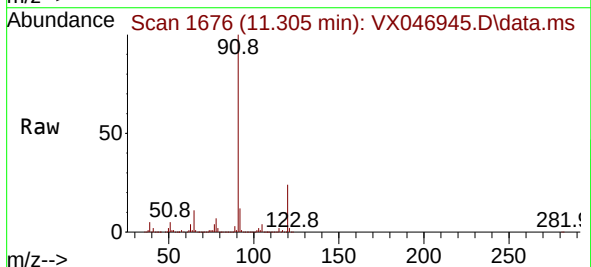
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

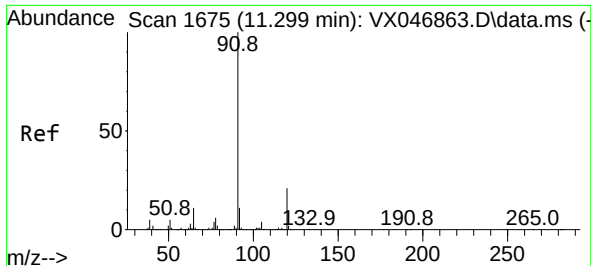
Tgt Ion:105 Resp: 2130123
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#76
1,2,3-Trichloropropane
Concen: 8.885 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.067 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 75 Resp: 40852
Ion Ratio Lower Upper
75 100
77 637.1 20.6 61.8#

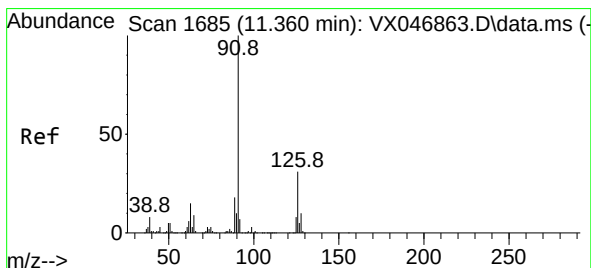
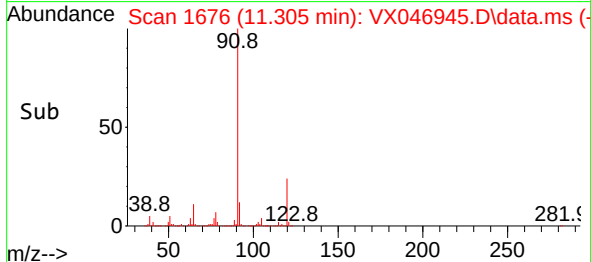
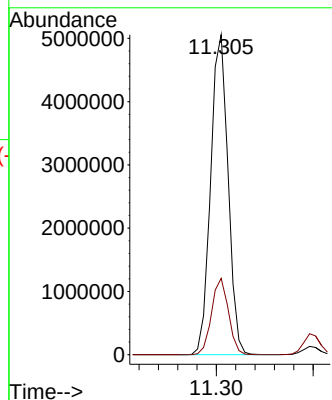
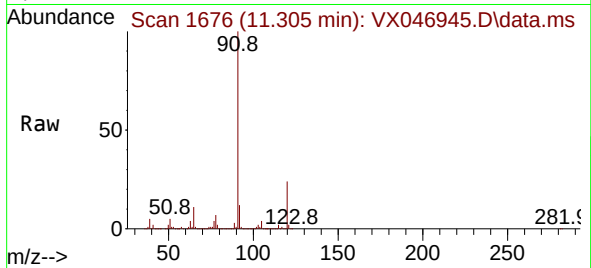




#78
n-propylbenzene
Concen: 250.832 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

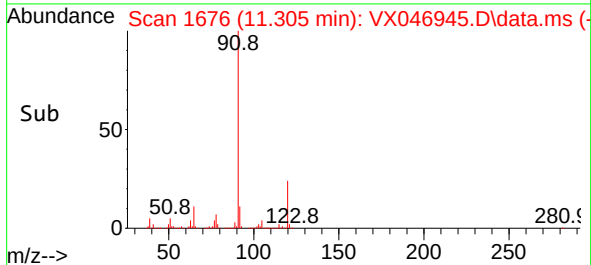
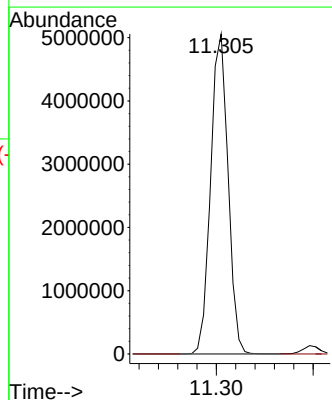
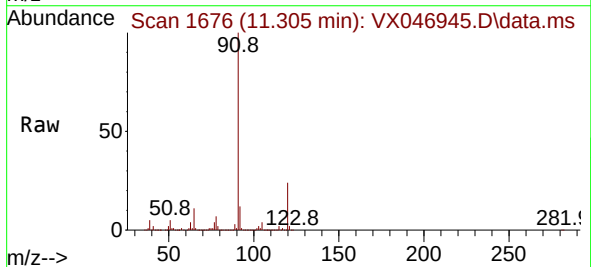
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

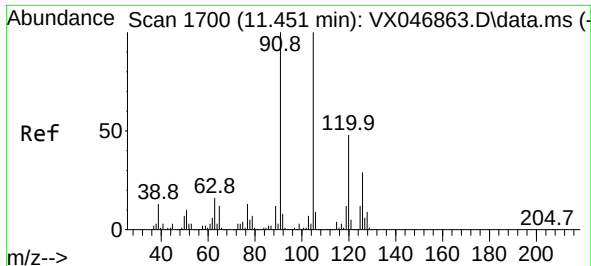
Tgt Ion: 91 Resp: 6327167
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.5



#79
2-Chlorotoluene
Concen: 424.804 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.055 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 91 Resp: 6327167
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

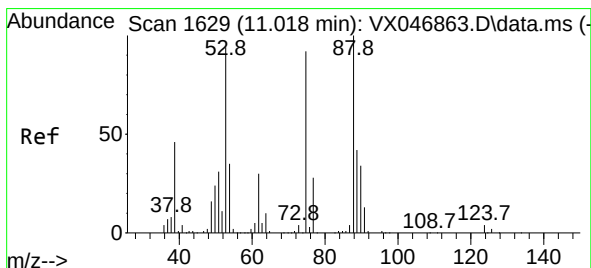
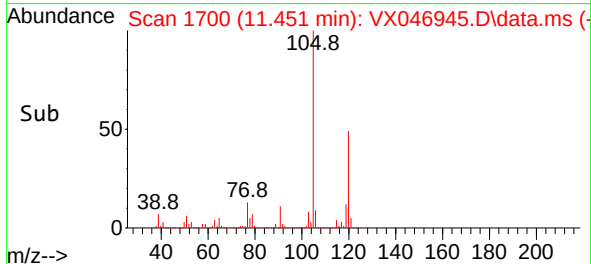
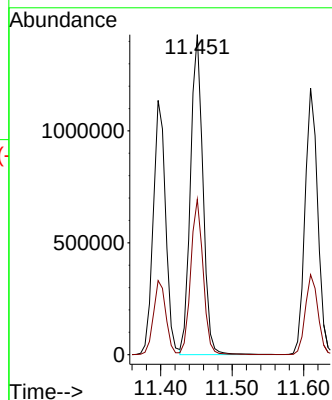
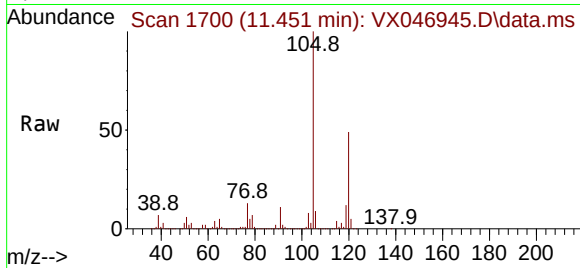




#80
1,3,5-Trimethylbenzene
Concen: 101.599 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

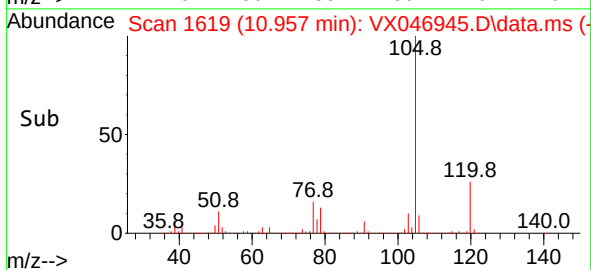
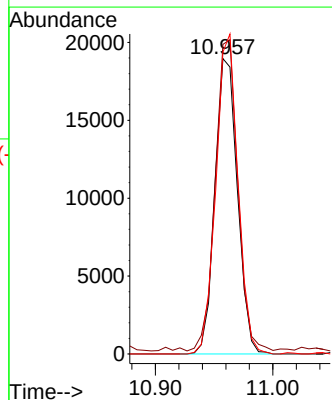
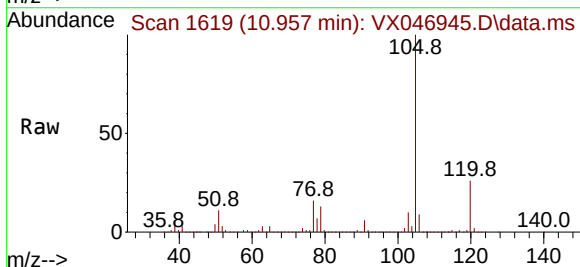
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

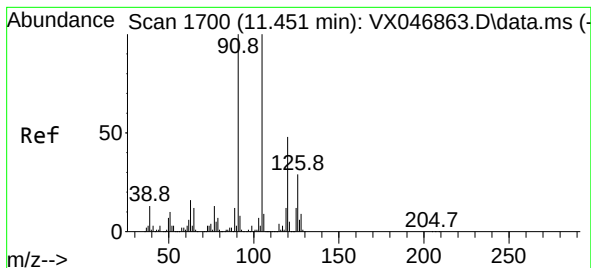
Tgt Ion:105 Resp: 1726987
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.4



#81
trans-1,4-Dichloro-2-butene
Concen: 14.723 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.061 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 75 Resp: 25228
Ion Ratio Lower Upper
75 100
53 105.9 83.7 125.5
89 105.9 38.2 57.2#

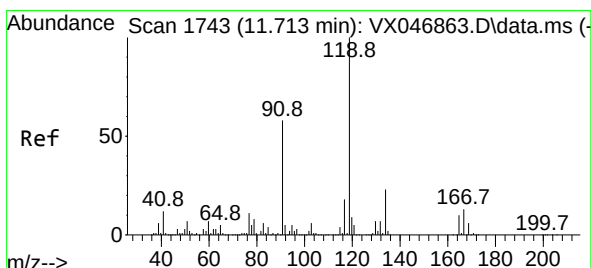
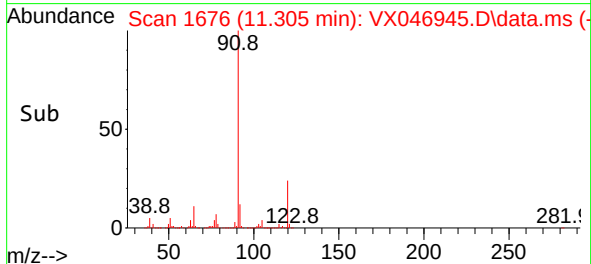
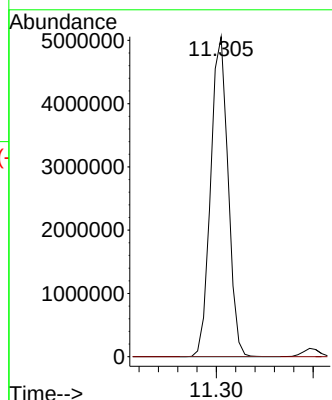
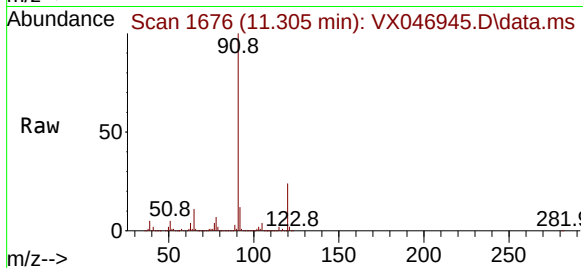




#82
4-Chlorotoluene
Concen: 368.116 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.146 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

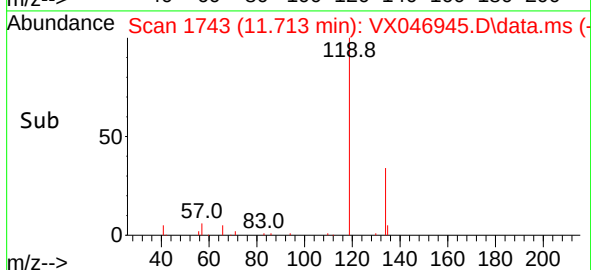
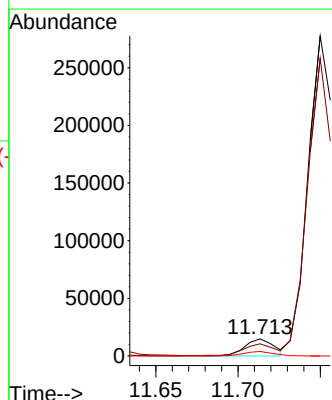
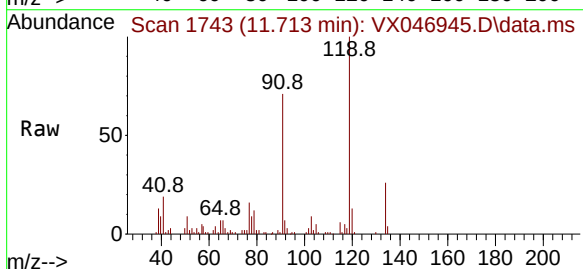
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

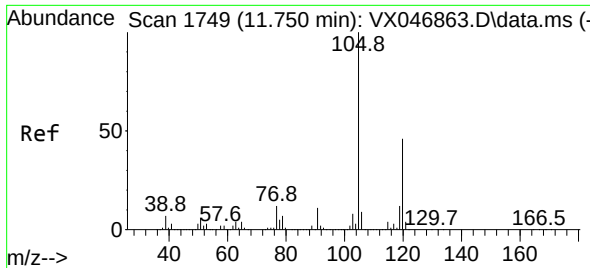
Tgt Ion: 91 Resp: 6327167
Ion Ratio Lower Upper
91 100
126 0.0 14.6 44.0#



#83
tert-Butylbenzene
Concen: 1.027 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 119 Resp: 18026
Ion Ratio Lower Upper
119 100
91 70.5 28.7 86.3
134 27.1 11.4 34.2

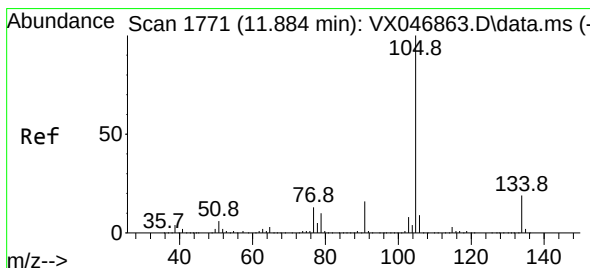
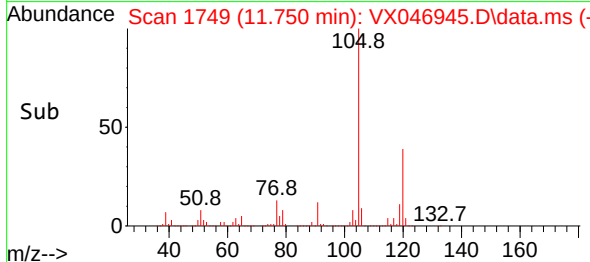
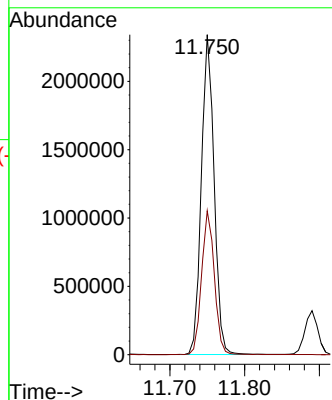
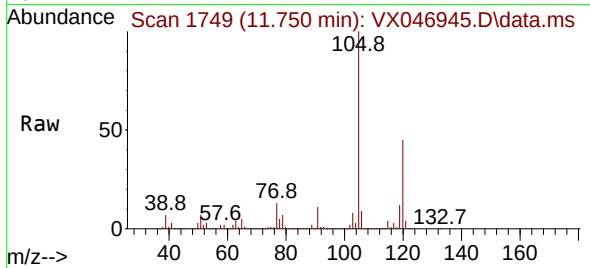




#84
1,2,4-Trimethylbenzene
Concen: 161.364 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

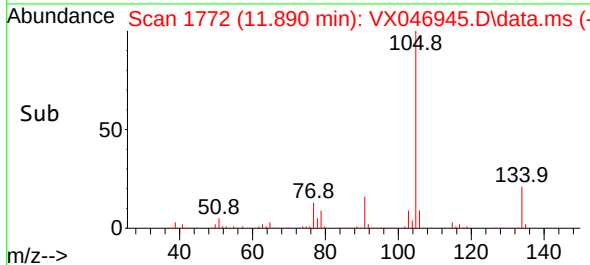
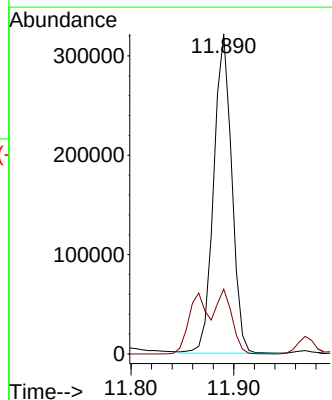
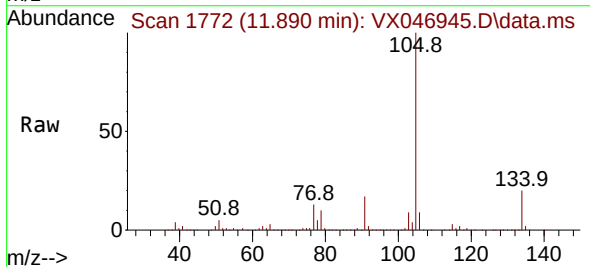
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

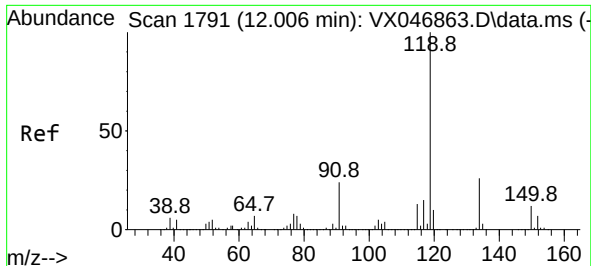
Tgt Ion:105 Resp: 2772389
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 17.611 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion:105 Resp: 389810
Ion Ratio Lower Upper
105 100
134 17.4 9.9 29.7

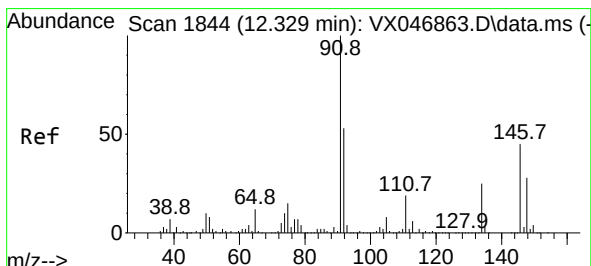
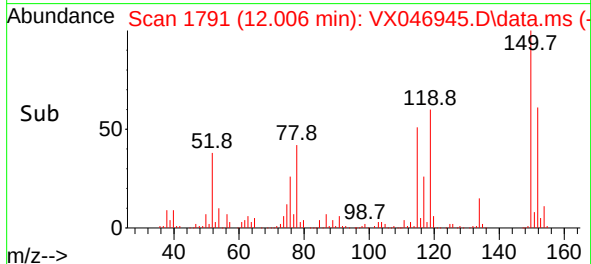
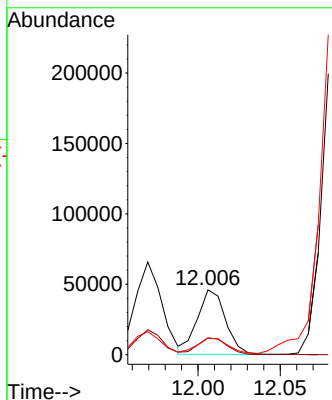
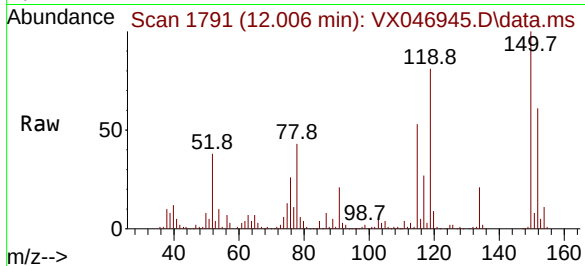




#86
p-Isopropyltoluene
Concen: 2.931 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

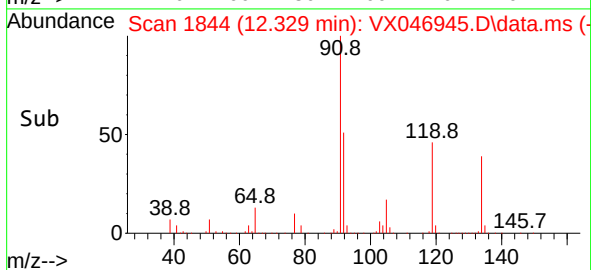
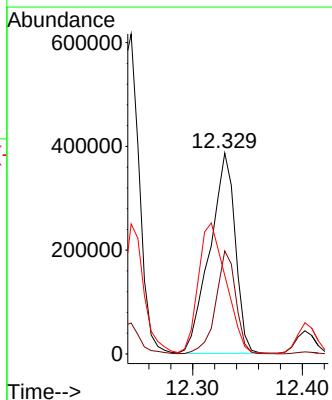
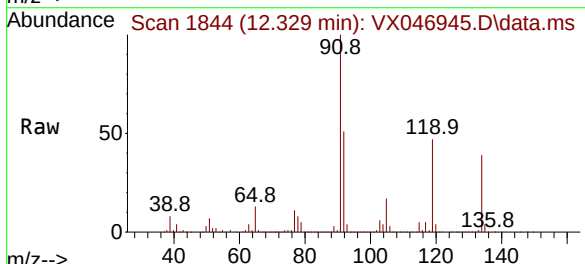
Instrument :
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ClientSampleId :
AOC-203

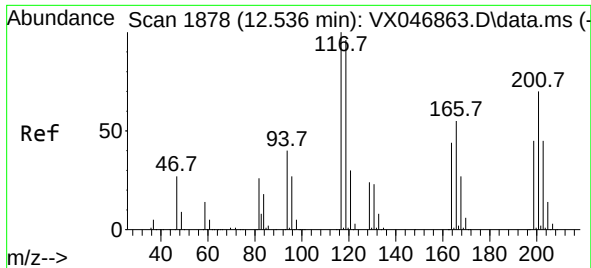
Tgt Ion:119 Resp: 54330
Ion Ratio Lower Upper
119 100
134 26.6 13.0 39.0
91 0.0 12.0 36.1#



#89
n-Butylbenzene
Concen: 35.766 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Tgt Ion: 91 Resp: 622939
Ion Ratio Lower Upper
91 100
92 40.4 27.0 81.0
134 70.5 12.8 38.4#

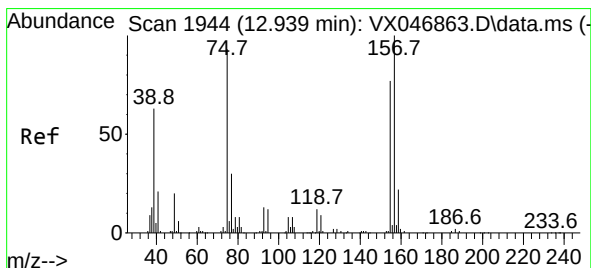
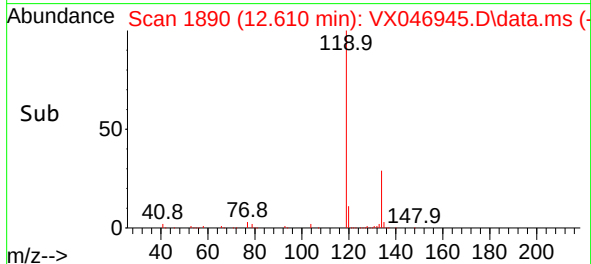
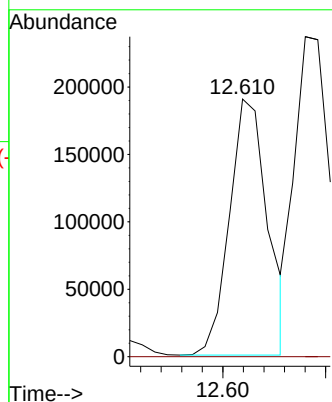
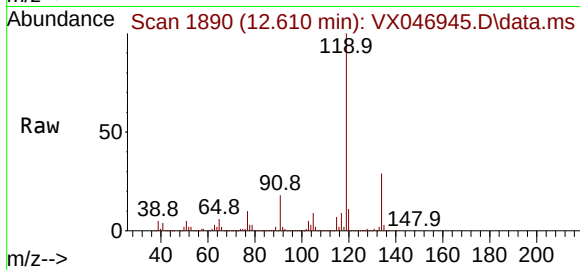




#90
Hexachloroethane
Concen: 74.456 ug/l
RT: 12.610 min Scan# 117
Delta R.T. 0.073 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

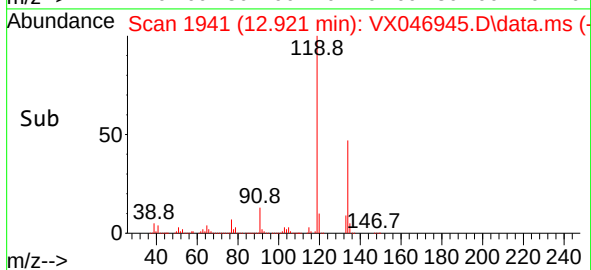
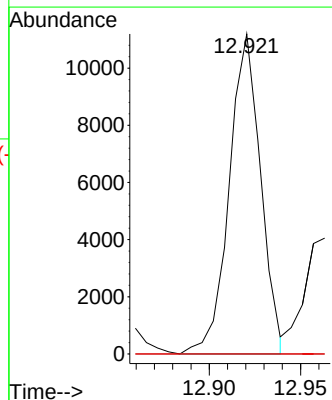
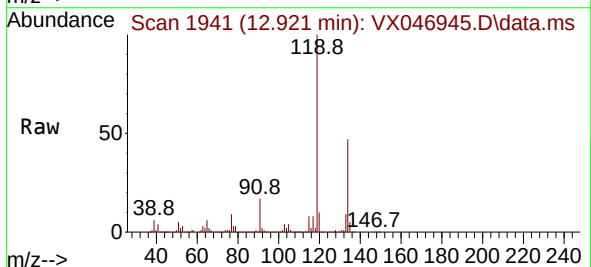
Instrument :
MSVOA_X
ClientSampleId :
AOC-203

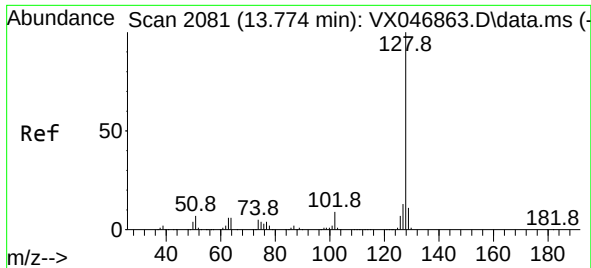
Tgt Ion:117 Resp: 244664
Ion Ratio Lower Upper
117 100
201 0.0 35.8 107.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.330 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

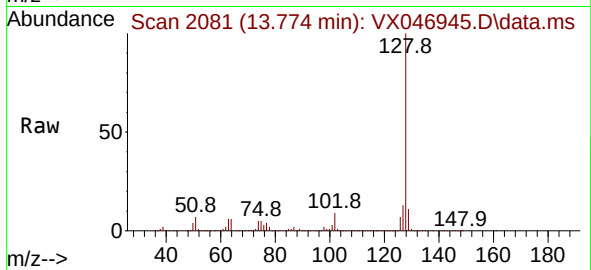
Tgt Ion: 75 Resp: 13411
Ion Ratio Lower Upper
75 100
155 0.0 43.1 129.4#
157 0.0 56.5 169.5#





#95
Naphthalene
Concen: 125.133 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046945.D
Acq: 10 Jul 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
AOC-203



Tgt Ion:128 Resp: 2115455
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.3 8.6 13.0

