

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046943.D
 Acq On : 10 Jul 2025 14:43
 Operator : JC/MD
 Sample : Q2553-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-201

Quant Time: Jul 11 01:30:28 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	320576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	555832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	227982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	217617	51.384	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.760%	
35) Dibromofluoromethane	5.397	113	185290	49.109	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.220%	
50) Toluene-d8	8.653	98	662636	49.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	11.079	95	264843	52.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.700%	

Target Compounds				Qvalue		
3) Chloromethane	1.307	50	1571	0.469	ug/l #	87
6) Chloroethane	1.788	64	694	0.288	ug/l #	42
11) Tert butyl alcohol	3.105	59	147	0.529	ug/l #	1
13) Acrolein	2.355	56	4048	15.874	ug/l	85
14) Allyl chloride	2.843	41	191889	31.005	ug/l #	63
15) Acrylonitrile	3.117	53	10567	6.580	ug/l #	38
16) Acetone	2.386	43	9657	7.341	ug/l	94
17) Carbon Disulfide	2.532	76	8591	0.942	ug/l #	93
18) Methyl Acetate	2.843	43	458463	132.222	ug/l #	53
20) Methylene Chloride	2.843	84	4756	1.223	ug/l #	1
23) Vinyl Acetate	3.465	43	106513	11.891	ug/l #	53
25) 2-Butanone	4.599	43	834	0.475	ug/l #	72
30) Chloroform	5.172	83	9502	1.364	ug/l	99
31) Cyclohexane	5.501	56	117963	19.486	ug/l #	65
36) 1,1-Dichloropropene	5.562	75	25456	5.001	ug/l #	49
38) Carbon Tetrachloride	5.568	117	32067	5.958	ug/l #	15
39) Methylcyclohexane	7.385	83	306674	48.160	ug/l	95
41) Methacrylonitrile	4.952	41	1263	0.546	ug/l #	31
43) Isopropyl Acetate	6.367	43	11249	1.694	ug/l #	64
45) 1,2-Dichloropropane	7.379	63	3728	0.958	ug/l #	1
46) Dibromomethane	7.580	93	1061	0.394	ug/l #	1
47) Bromodichloromethane	7.769	83	3924	0.682	ug/l #	72
48) Methyl methacrylate	7.659	41	43685	12.740	ug/l #	56
51) 4-Methyl-2-Pentanone	8.604	43	6579	1.679	ug/l #	48
52) Toluene	8.726	92	2124	0.223	ug/l	85
55) 1,1,2-Trichloroethane	9.202	97	1686	0.474	ug/l #	40
56) Ethyl methacrylate	9.104	69	10486	2.132	ug/l #	1
59) 2-Hexanone	9.445	43	1041	0.400	ug/l	81
67) Ethyl Benzene	10.195	91	641493	33.385	ug/l	100
68) m/p-Xylenes	10.305	106	8724	1.205	ug/l #	1
69) o-Xylene	10.646	106	2362	0.338	ug/l	78
73) Isopropylbenzene	10.963	105	1326524	82.771	ug/l	100
76) 1,2,3-Trichloropropane	11.299	75	34437	9.776	ug/l #	1
78) n-propylbenzene	11.305	91	5453332	282.194	ug/l	99
79) 2-Chlorotoluene	11.396	91	224955	19.715	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	603526	46.346	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

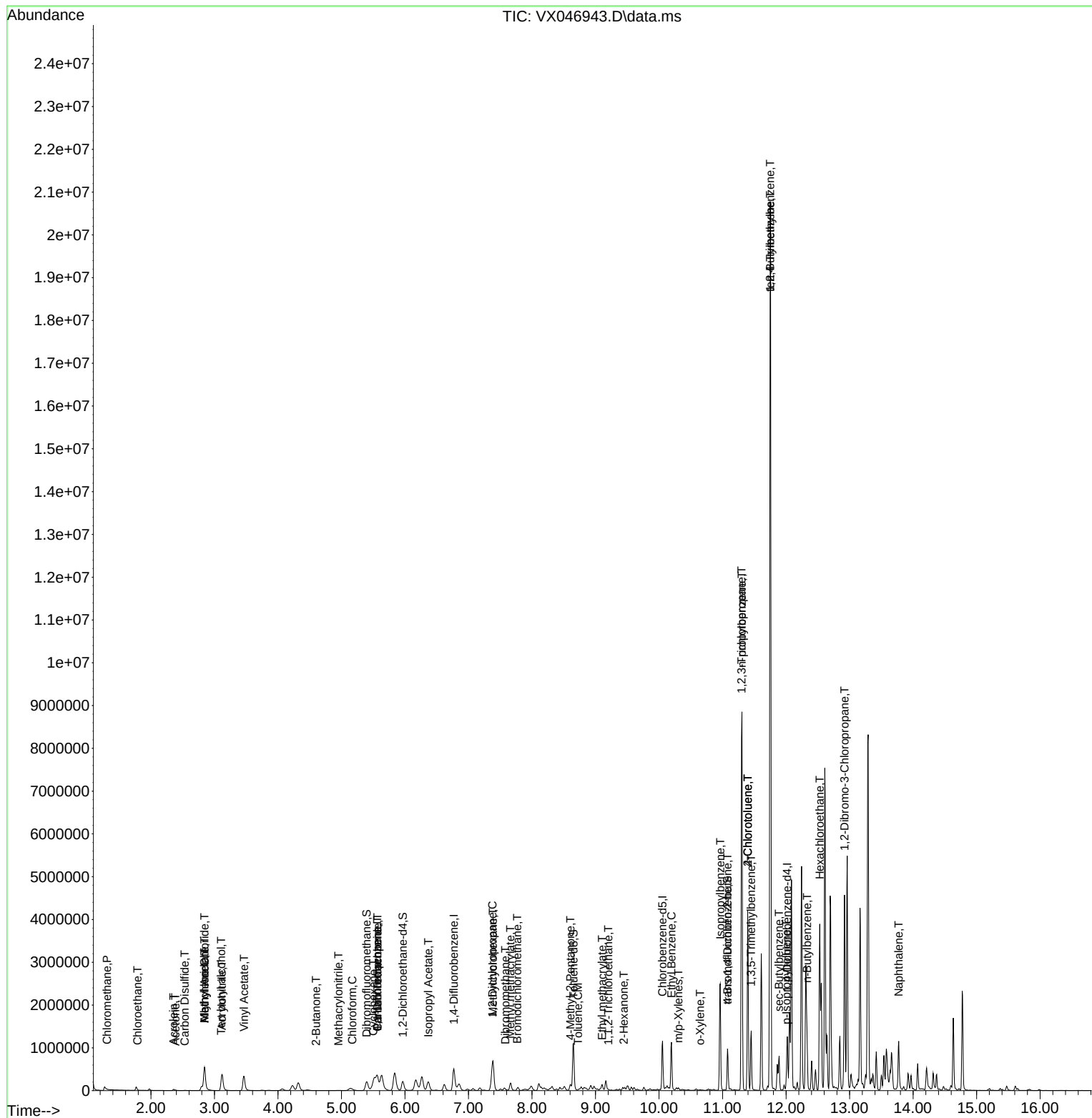
81) trans-1,4-Dichloro-2-b...	11.079	75	130282	99.247	ug/l #	8
82) 4-Chlorotoluene	11.396	91	224955	17.084	ug/l #	45
83) tert-Butylbenzene	11.750	119	1142866	84.973	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.750	105	8885482	675.065	ug/l	98
85) sec-Butylbenzene	11.890	105	423115	24.951	ug/l	95
86) p-Isopropyltoluene	12.006	119	110221	7.762	ug/l #	76
89) n-Butylbenzene	12.329	91	662943	49.684	ug/l #	57
90) Hexachloroethane	12.530	117	236292	93.862	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13926	18.068	ug/l #	1
95) Naphthalene	13.774	128	707251	54.608	ug/l	98

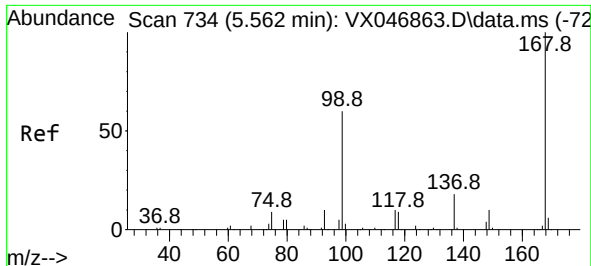
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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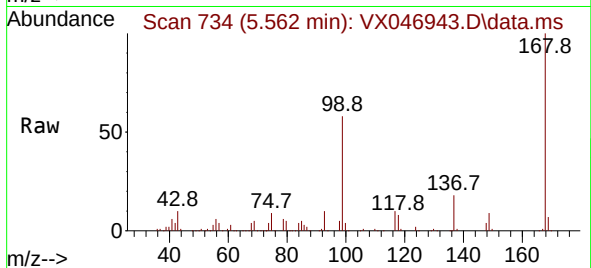
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



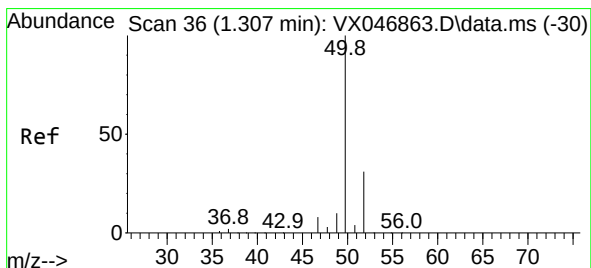
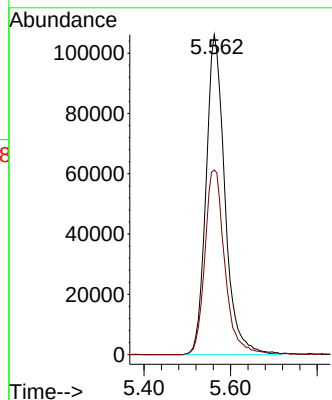
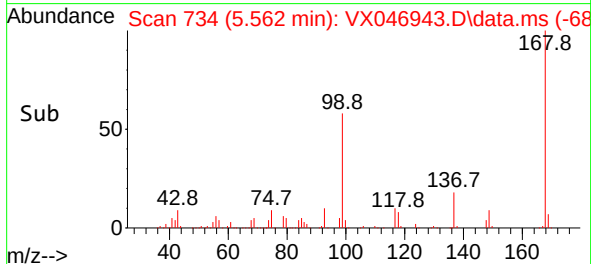


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046943.D
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Instrument :
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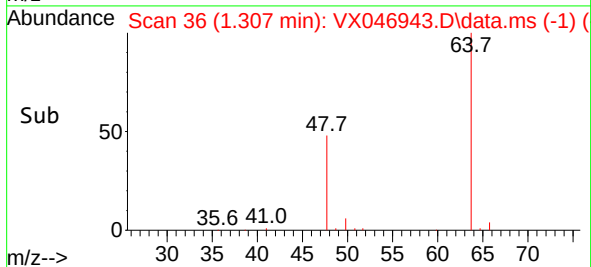
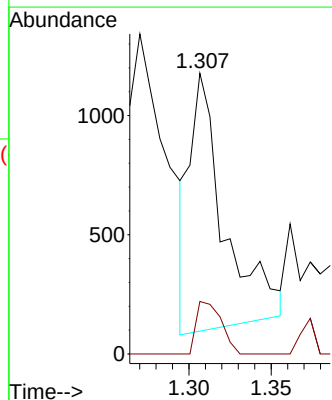
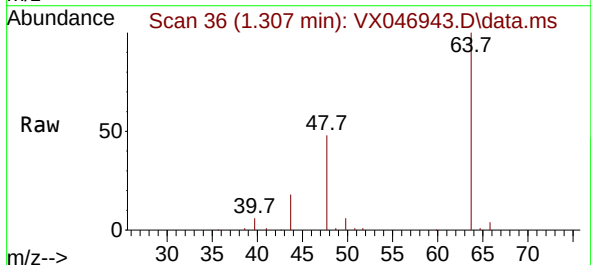


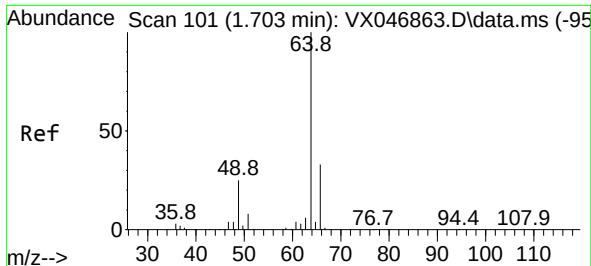
Tgt Ion:168 Resp: 320576
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2



#3
Chloromethane
Concen: 0.469 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 50 Resp: 1571
Ion Ratio Lower Upper
50 100
52 24.1 25.0 37.4#

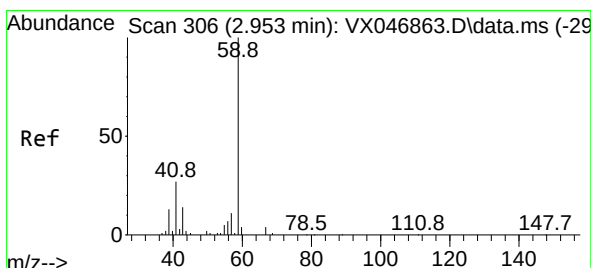
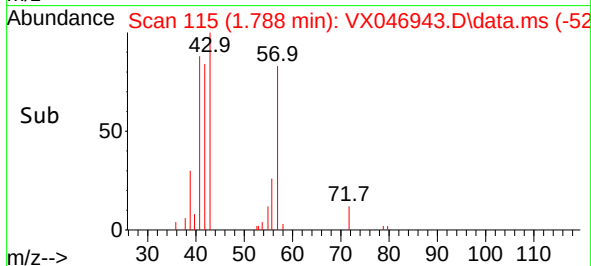
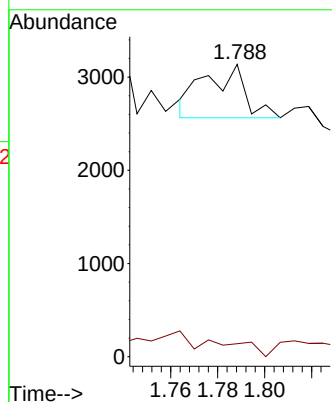
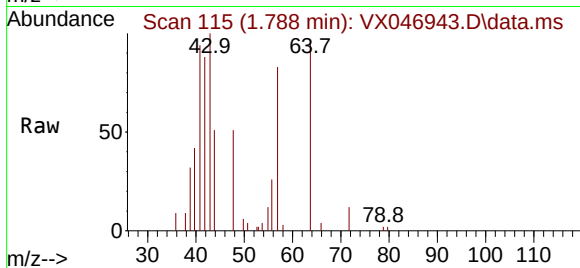




#6
Chloroethane
Concen: 0.288 ug/l
RT: 1.788 min Scan# 11
Delta R.T. 0.085 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

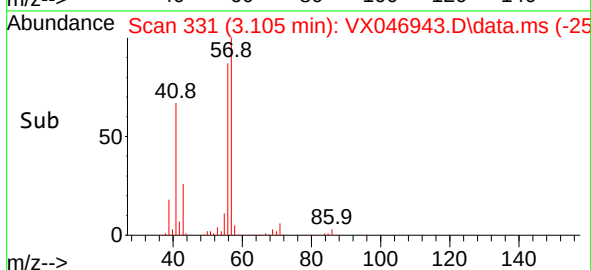
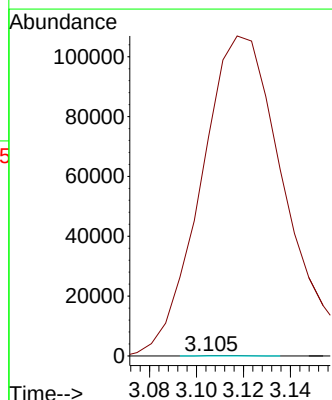
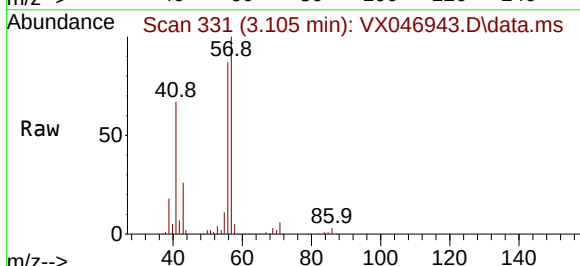
Instrument :
MSVOA_X
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AOC-201

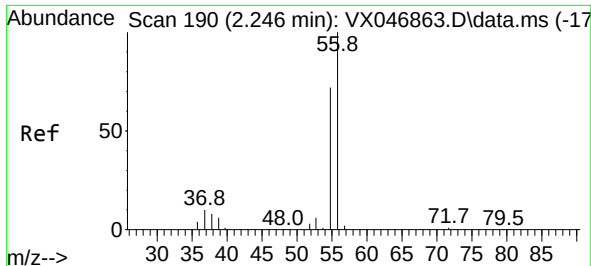
Tgt Ion: 64 Resp: 694
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.529 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.152 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 186367.3 8.5 12.7#

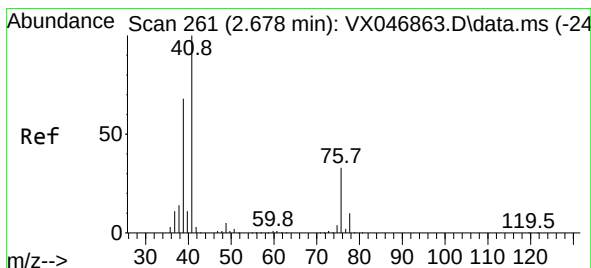
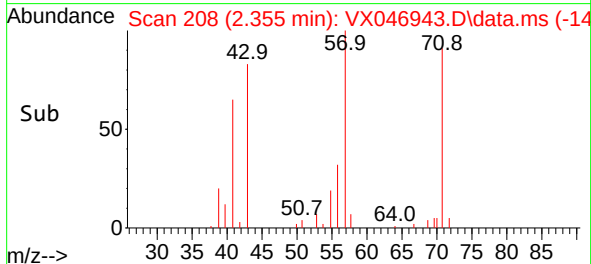
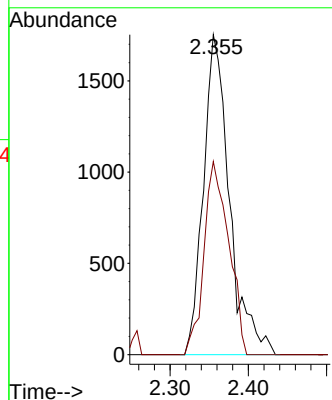
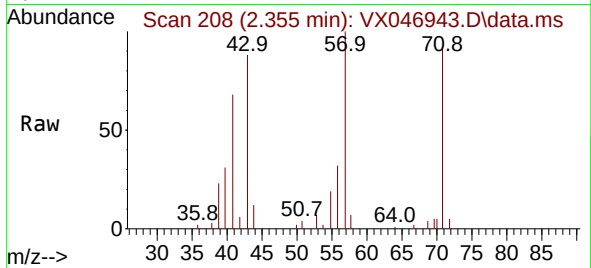




#13
Acrolein
Concen: 15.874 ug/l
RT: 2.355 min Scan# 20
Delta R.T. 0.109 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

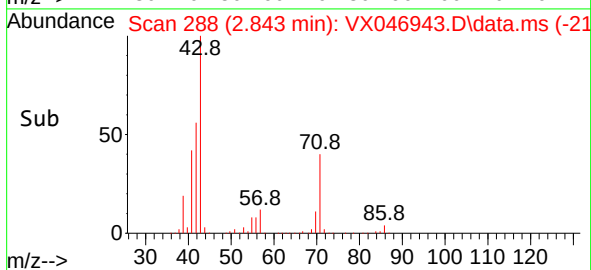
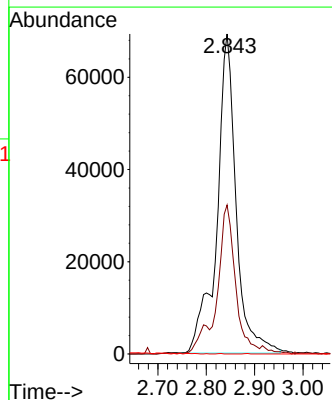
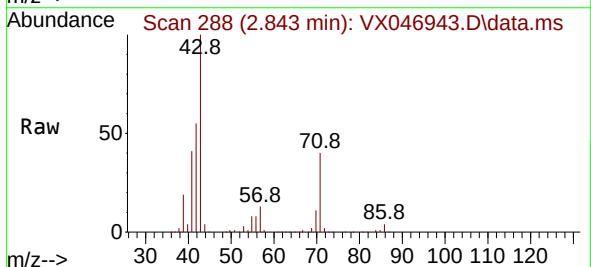
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

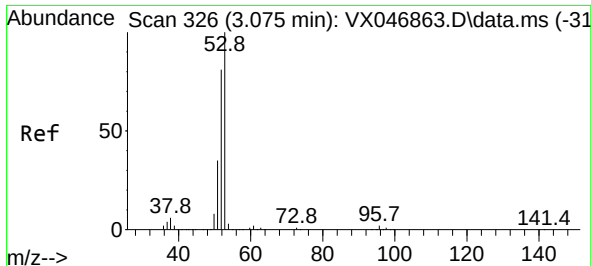
Tgt Ion: 56 Resp: 4048
Ion Ratio Lower Upper
56 100
55 57.4 55.5 83.3



#14
Allyl chloride
Concen: 31.005 ug/l
RT: 2.843 min Scan# 288
Delta R.T. 0.165 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 41 Resp: 191889
Ion Ratio Lower Upper
41 100
39 44.1 52.0 78.0#
76 0.0 26.2 39.2#

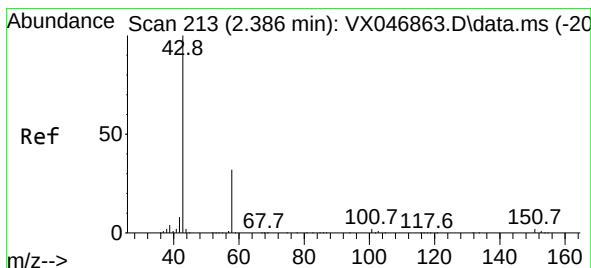
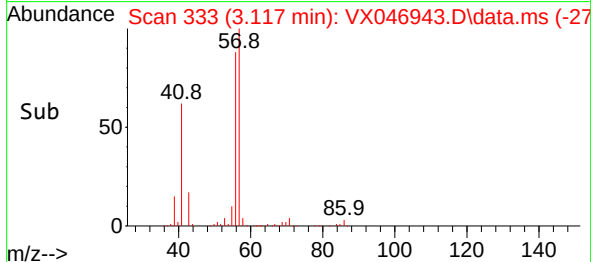
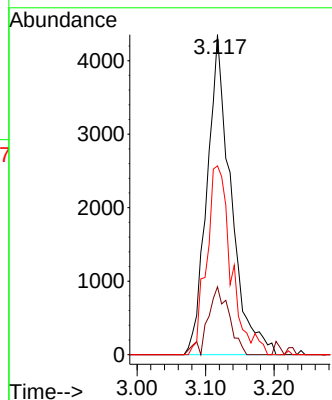
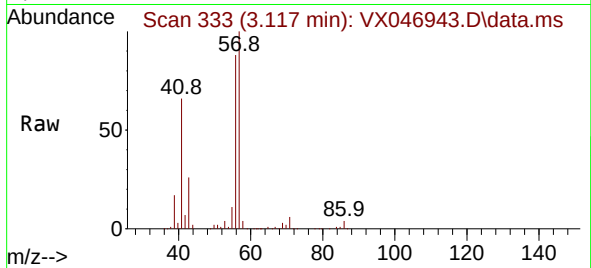




#15
Acrylonitrile
Concen: 6.580 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.043 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

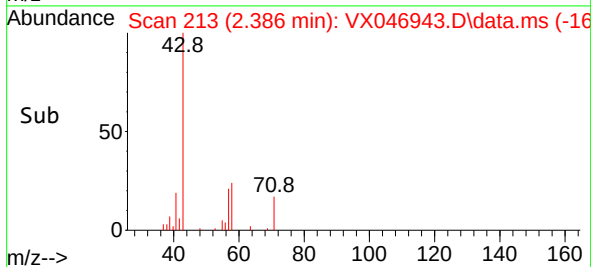
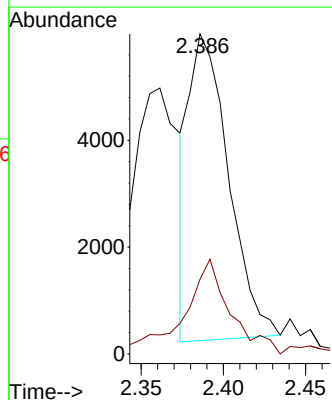
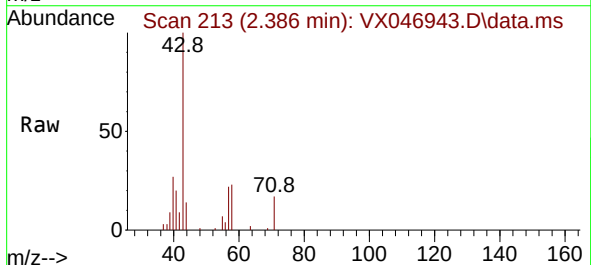
Instrument :
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ClientSampleId :
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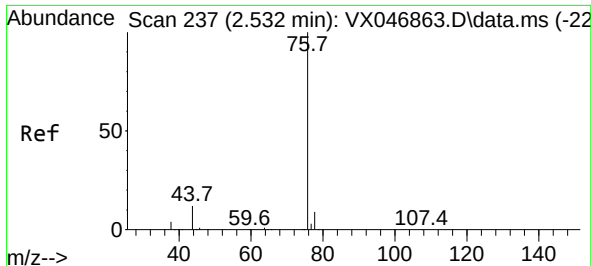
Tgt Ion: 53 Resp: 10567
Ion Ratio Lower Upper
53 100
52 19.0 66.0 99.0#
51 60.6 28.6 43.0#



#16
Acetone
Concen: 7.341 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 43 Resp: 9657
Ion Ratio Lower Upper
43 100
58 29.1 25.8 38.6

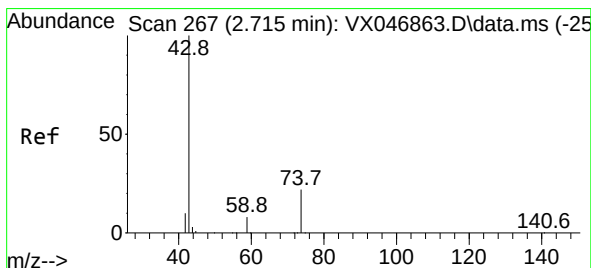
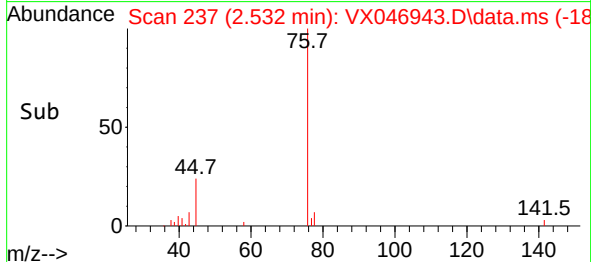
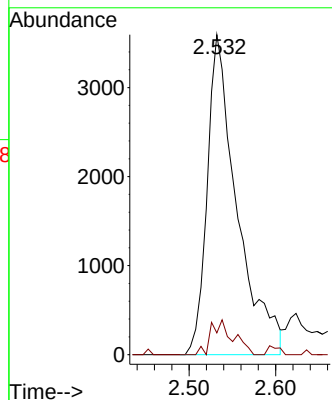
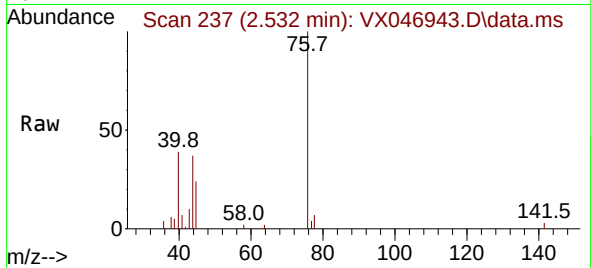




#17
Carbon Disulfide
Concen: 0.942 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

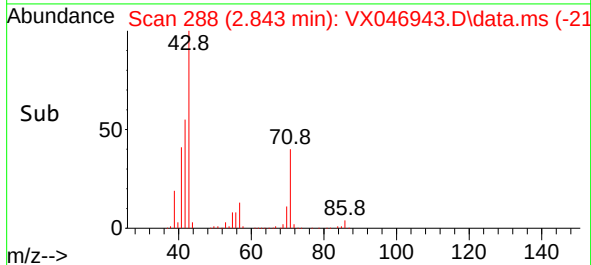
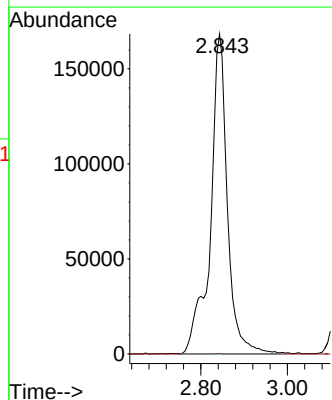
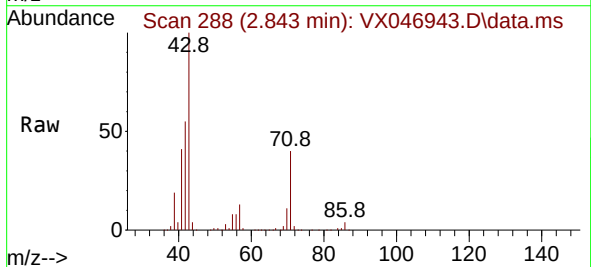
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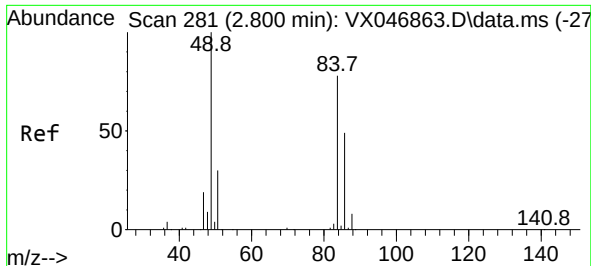
Tgt Ion: 76 Resp: 8591
Ion Ratio Lower Upper
76 100
78 6.8 7.4 11.2#



#18
Methyl Acetate
Concen: 132.222 ug/l
RT: 2.843 min Scan# 288
Delta R.T. 0.128 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 43 Resp: 458463
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

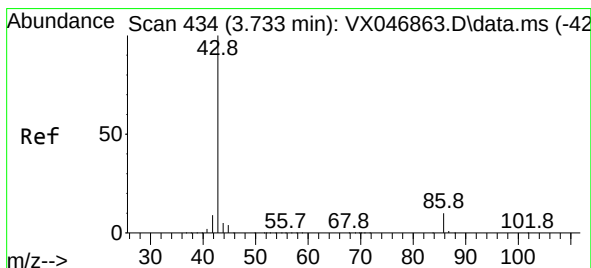
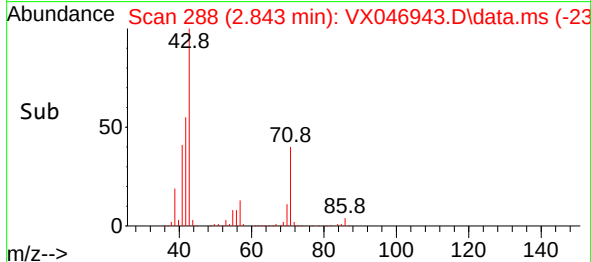
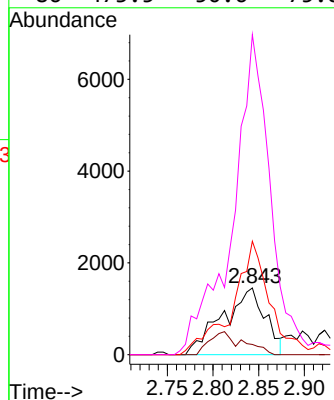
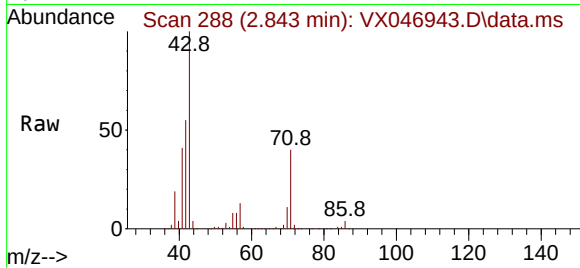




#20
Methylene Chloride
Concen: 1.223 ug/l
RT: 2.843 min Scan# 21
Delta R.T. 0.043 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

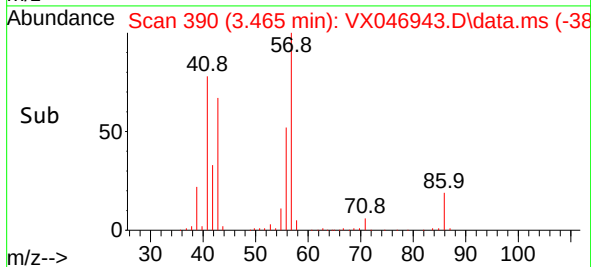
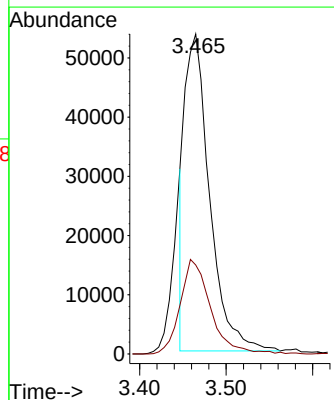
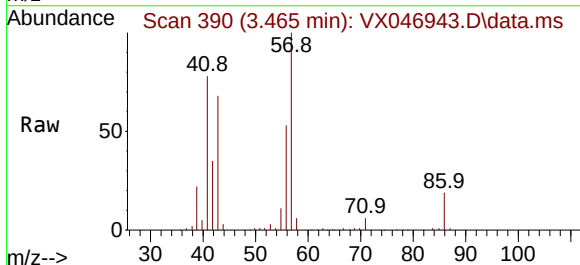
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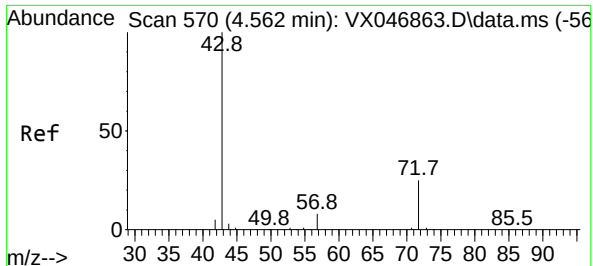
Tgt Ion: 84 Resp: 4756
Ion Ratio Lower Upper
84 100
49 15.3 102.8 154.2#
51 169.8 31.1 46.7#
86 473.5 50.6 75.8#



#23
Vinyl Acetate
Concen: 11.891 ug/l
RT: 3.465 min Scan# 390
Delta R.T. -0.268 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 43 Resp: 106513
Ion Ratio Lower Upper
43 100
86 28.0 8.2 12.4#





#25

2-Butanone

Concen: 0.475 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

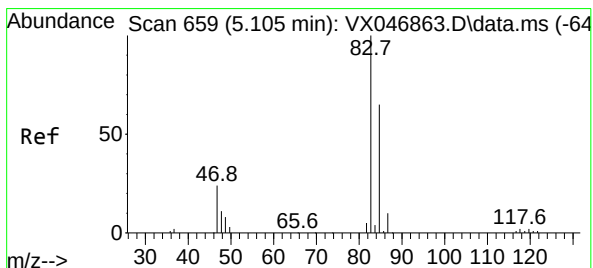
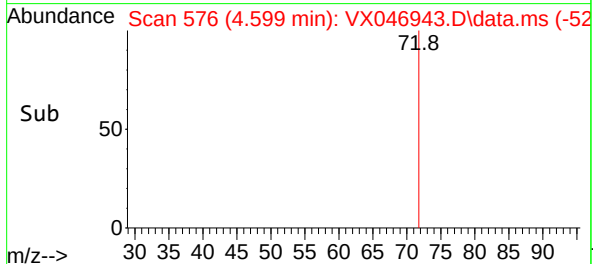
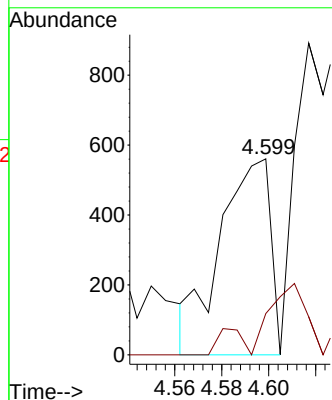
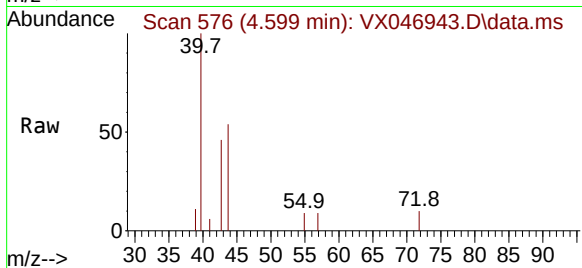
AOC-201

Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

43 100

72 11.0 20.0 30.0#



#30

Chloroform

Concen: 1.364 ug/l

RT: 5.172 min Scan# 670

Delta R.T. 0.067 min

Lab File: VX046943.D

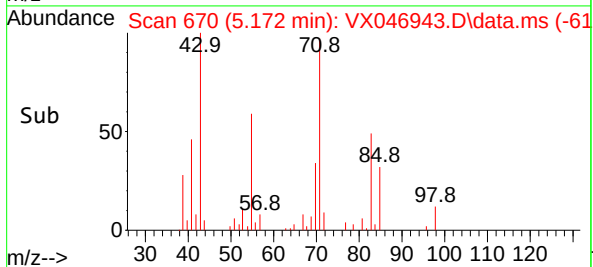
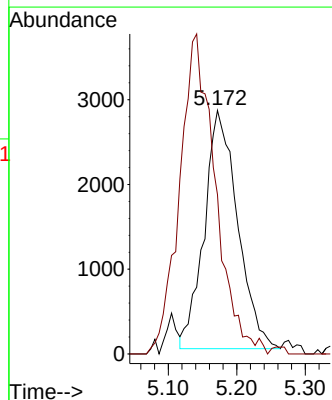
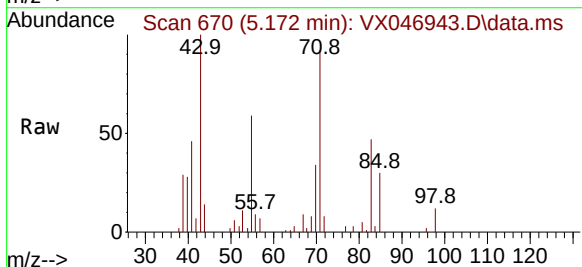
Acq: 10 Jul 2025 14:43

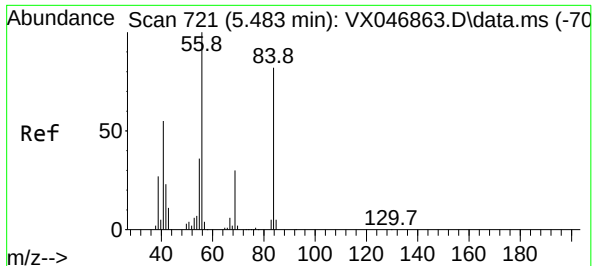
Tgt Ion: 83 Resp: 9502

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8

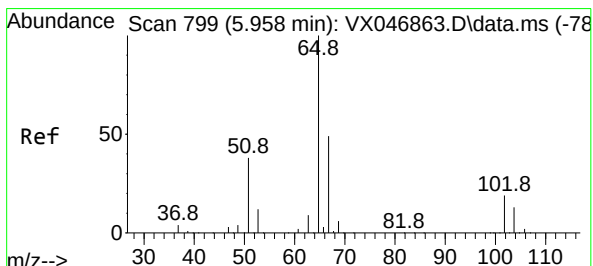
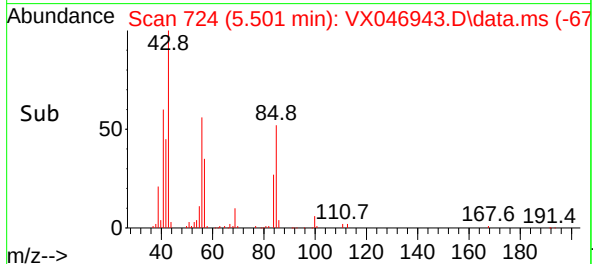
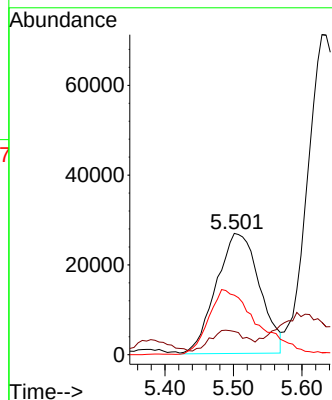
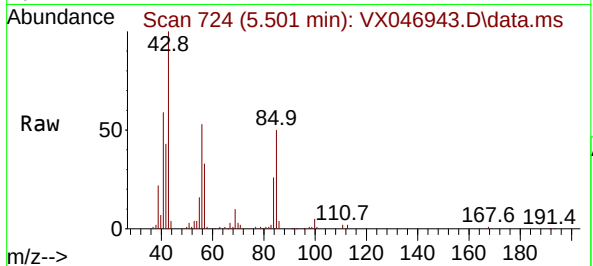




#31
Cyclohexane
Concen: 19.486 ug/l
RT: 5.501 min Scan# 71
Delta R.T. 0.018 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

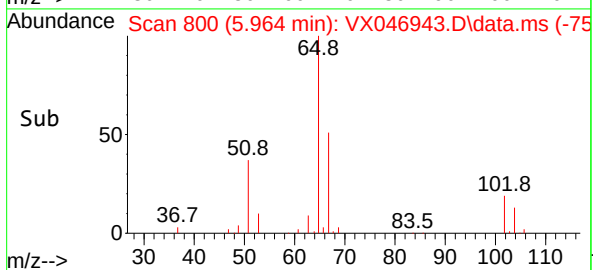
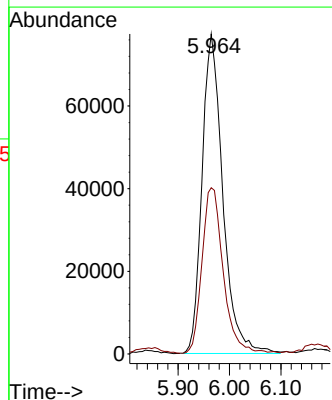
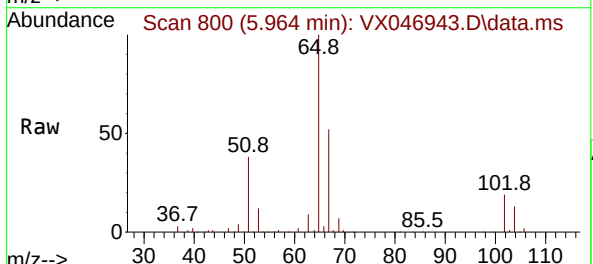
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

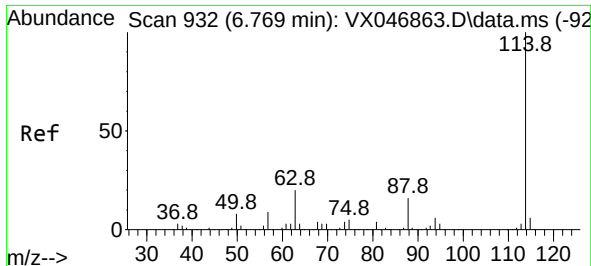
Tgt Ion: 56 Resp: 117963
Ion Ratio Lower Upper
56 100
69 14.2 24.0 36.0#
84 49.4 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 51.384 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 65 Resp: 217617
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2

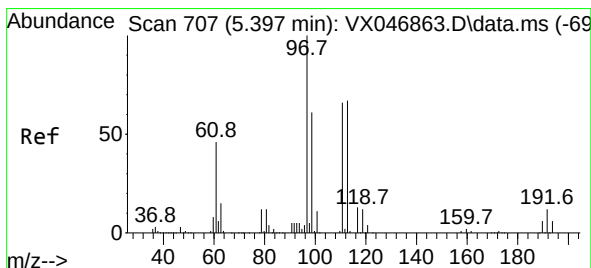
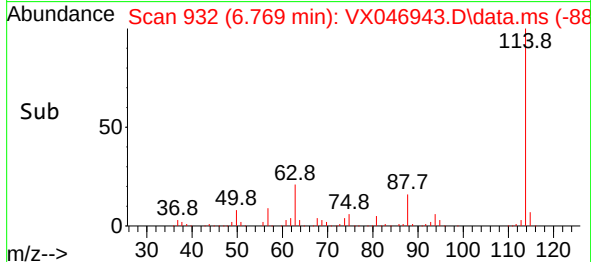
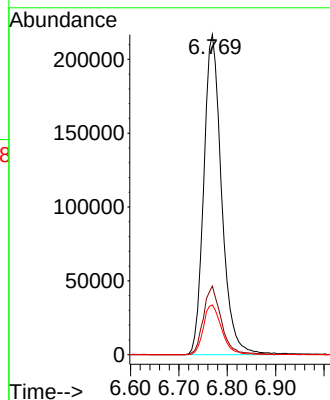
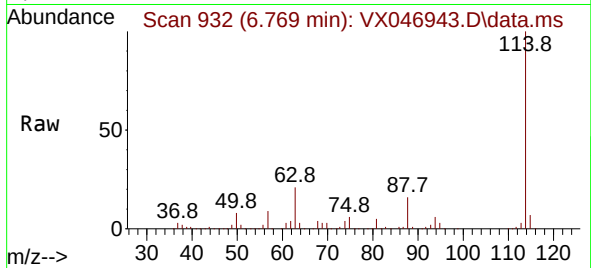




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

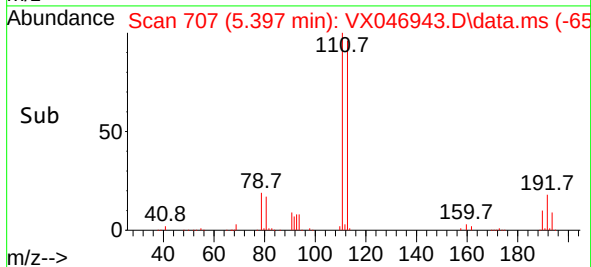
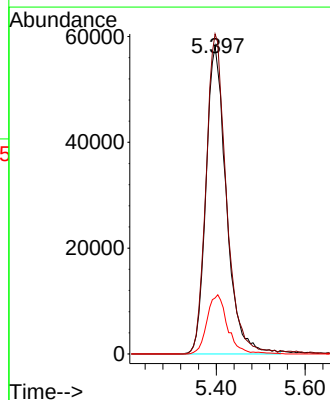
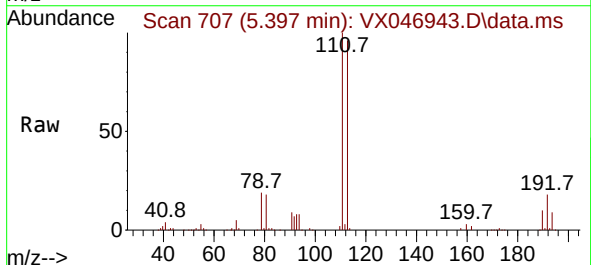
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

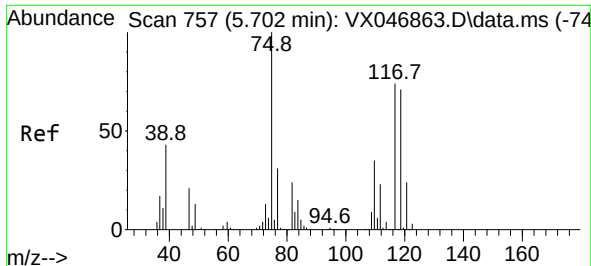
Tgt Ion:114 Resp: 555832
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.4
88 15.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:113 Resp: 185290
Ion Ratio Lower Upper
113 100
111 103.9 81.2 121.8
192 19.5 15.3 22.9

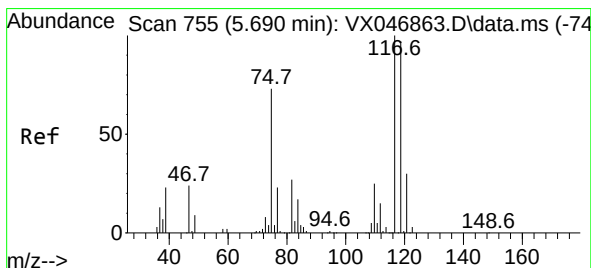
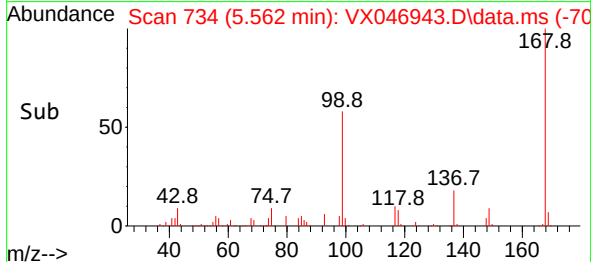
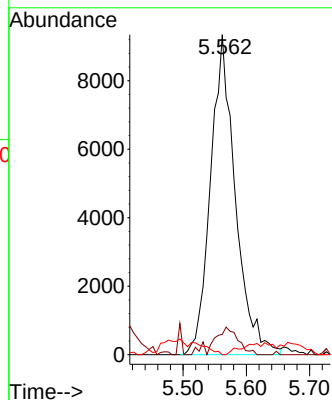
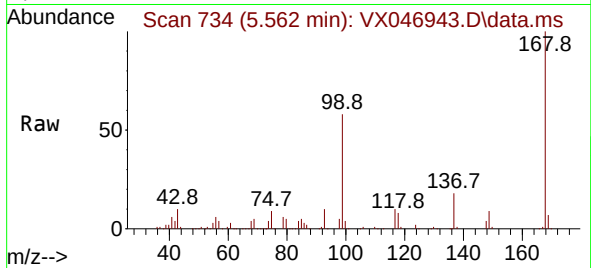




#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

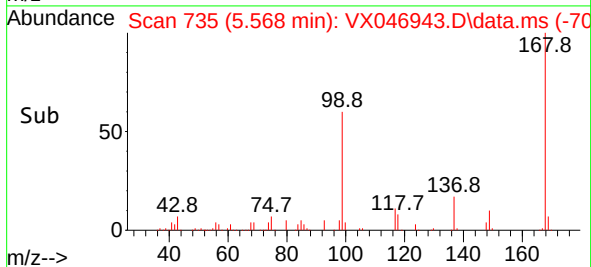
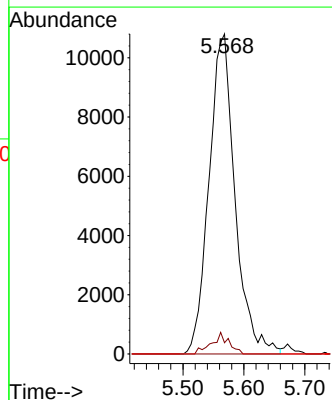
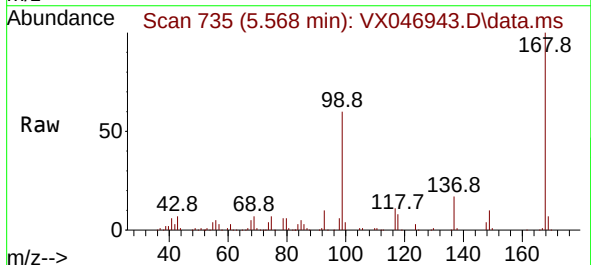
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

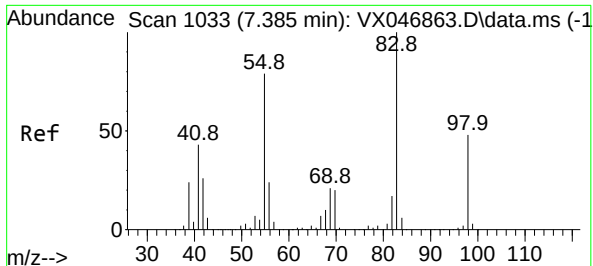
Tgt Ion: 75 Resp: 25456
Ion Ratio Lower Upper
75 100
110 7.5 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 117 Resp: 32067
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 48.160 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201

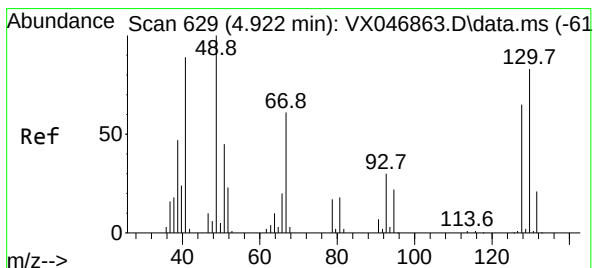
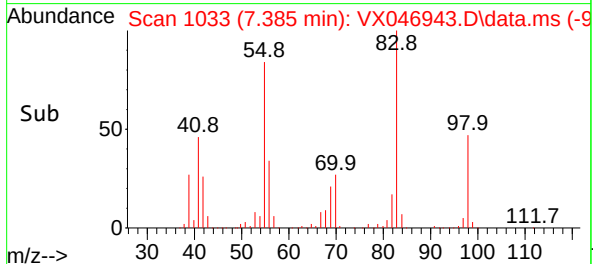
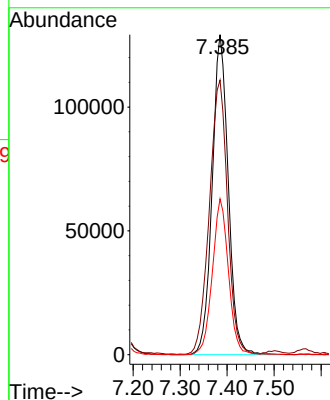
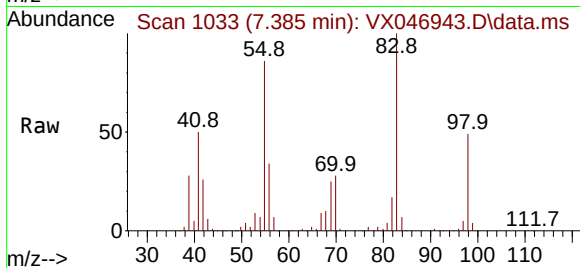
Tgt Ion: 83 Resp: 306674

Ion Ratio Lower Upper

83 100

55 85.6 63.0 94.4

98 48.7 38.5 57.7



#41

Methacrylonitrile

Concen: 0.546 ug/l

RT: 4.952 min Scan# 634

Delta R.T. 0.030 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Tgt Ion: 41 Resp: 1263

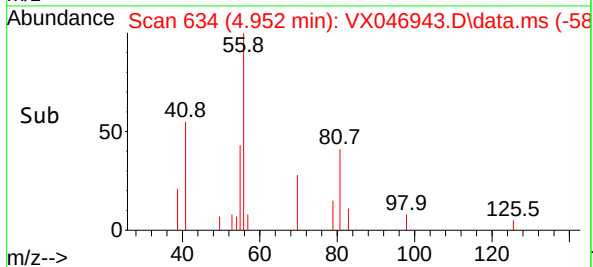
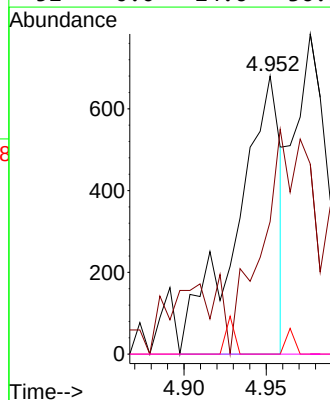
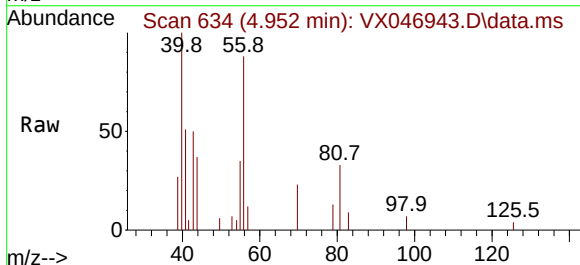
Ion Ratio Lower Upper

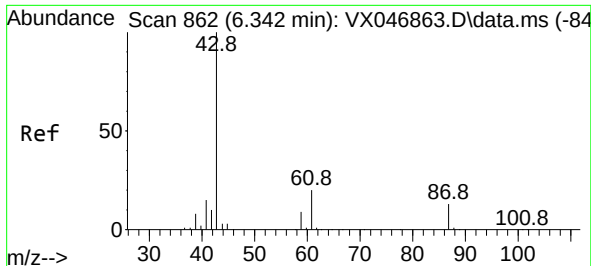
41 100

39 89.4 43.0 64.4#

67 0.0 60.2 90.2#

52 0.0 24.6 36.8#

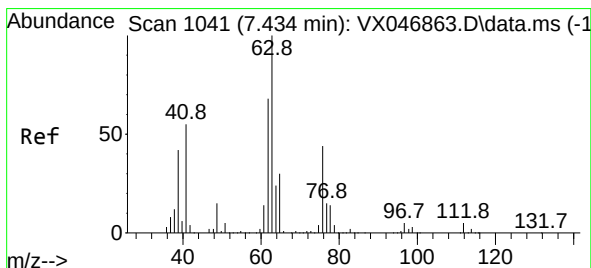
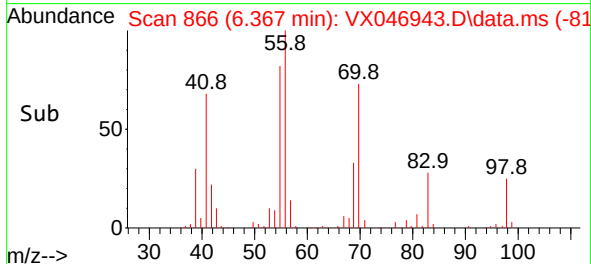
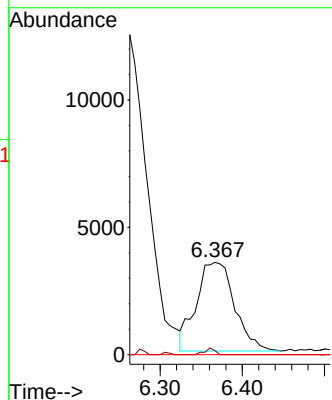
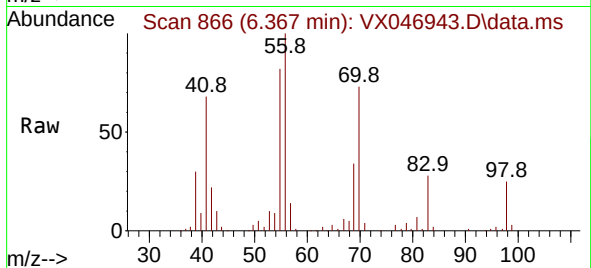




#43
Isopropyl Acetate
Concen: 1.694 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.024 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

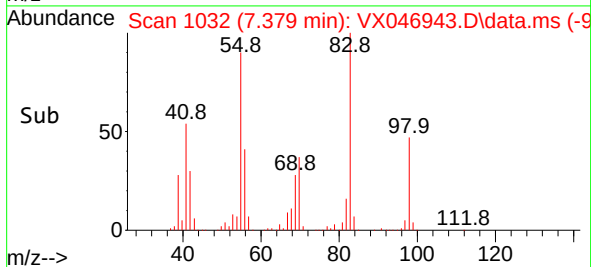
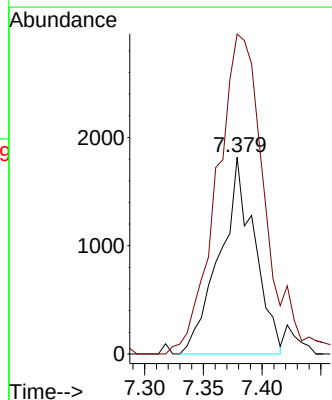
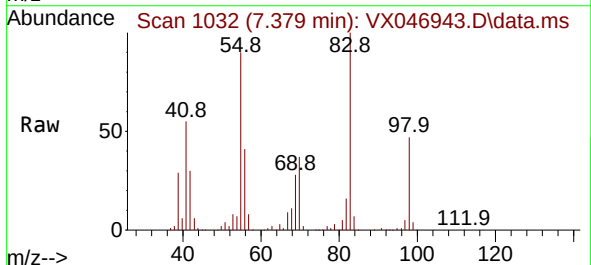
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

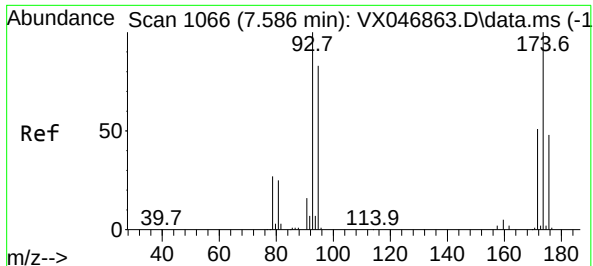
Tgt Ion: 43 Resp: 11249
Ion Ratio Lower Upper
43 100
61 2.0 15.7 23.5#
87 0.0 10.1 15.1#



#45
1,2-Dichloropropane
Concen: 0.958 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.055 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 63 Resp: 3728
Ion Ratio Lower Upper
63 100
65 157.5 24.2 36.2#





#46

Dibromomethane

Concen: 0.394 ug/l

RT: 7.580 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201

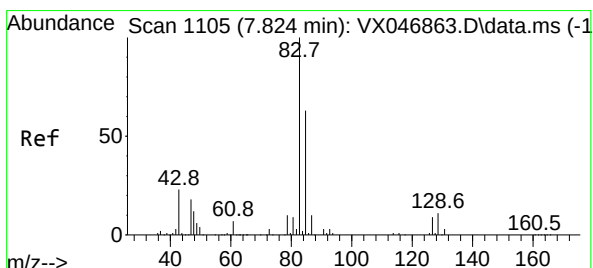
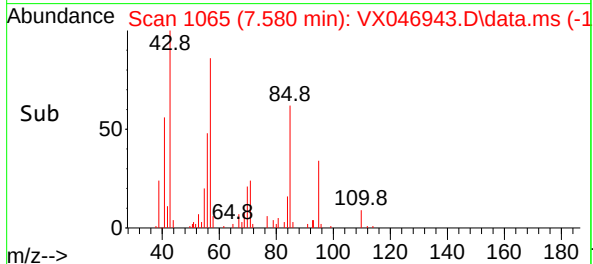
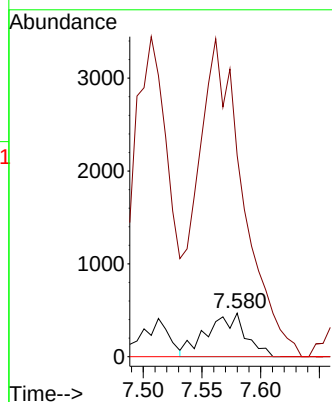
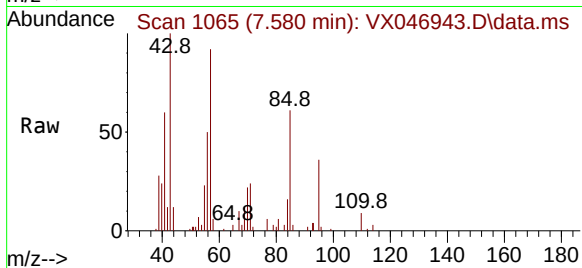
Tgt Ion: 93 Resp: 1061

Ion Ratio Lower Upper

93 100

95 864.2 66.6 99.8#

174 0.0 77.4 116.2#



#47

Bromodichloromethane

Concen: 0.682 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

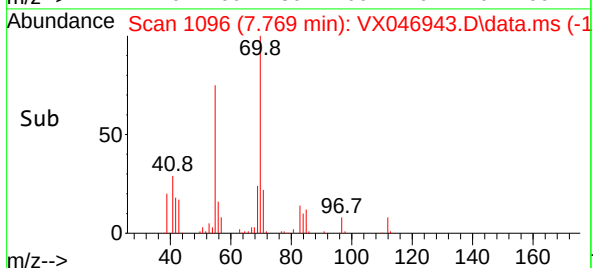
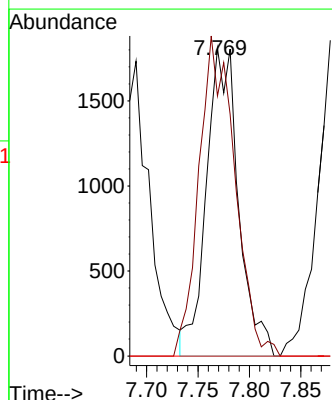
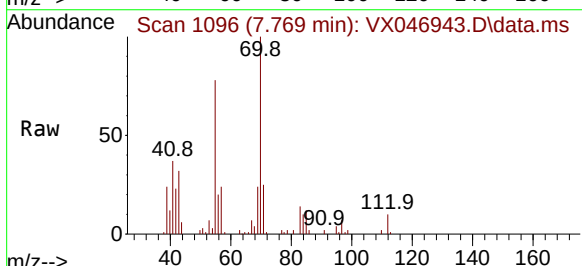
Tgt Ion: 83 Resp: 3924

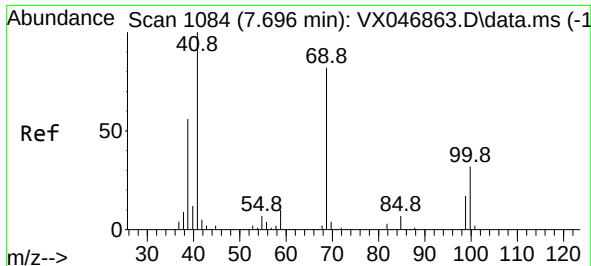
Ion Ratio Lower Upper

83 100

85 84.5 50.2 75.4#

127 0.0 7.1 10.7#

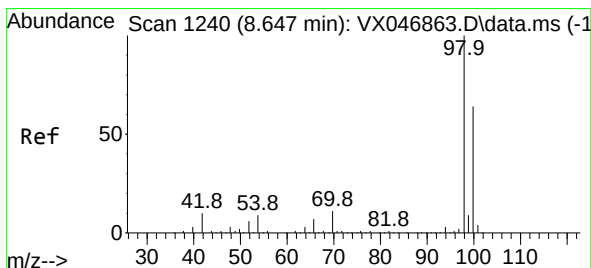
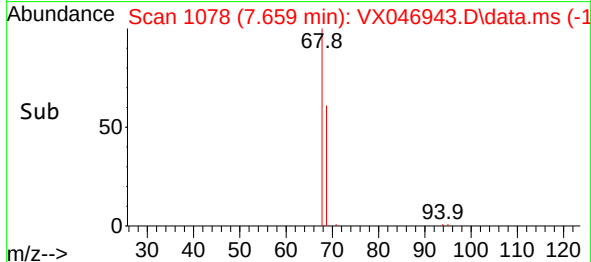
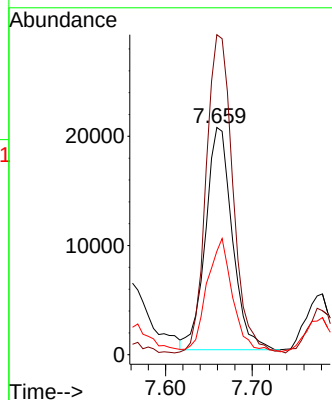
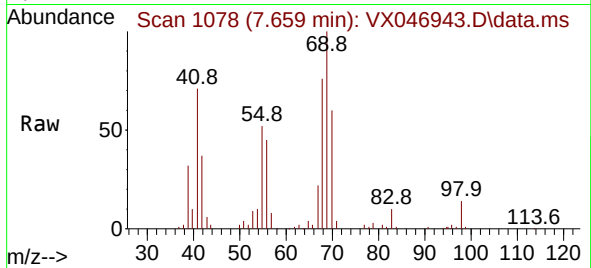




#48
Methyl methacrylate
Concen: 12.740 ug/l
RT: 7.659 min Scan# 1084
Delta R.T. -0.037 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

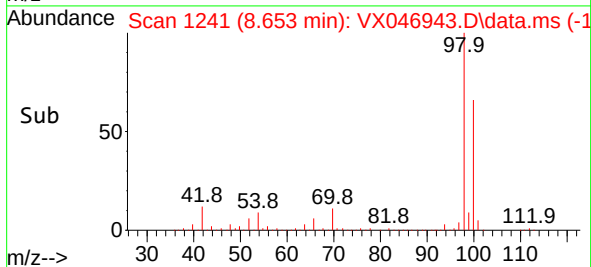
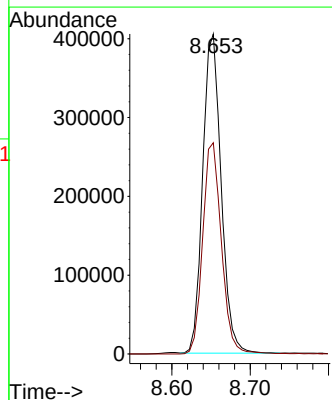
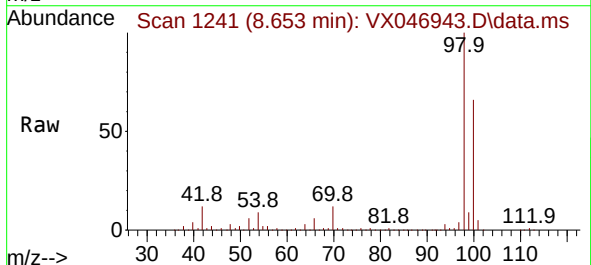
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

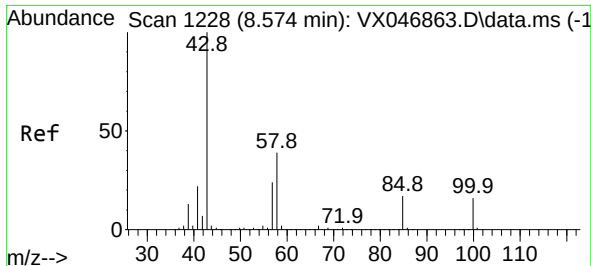
Tgt Ion: 41 Resp: 43685
Ion Ratio Lower Upper
41 100
69 142.8 65.8 98.8#
39 48.9 43.8 65.6



#50
Toluene-d8
Concen: 49.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 98 Resp: 662636
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6

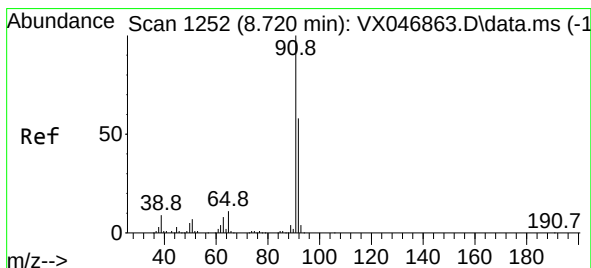
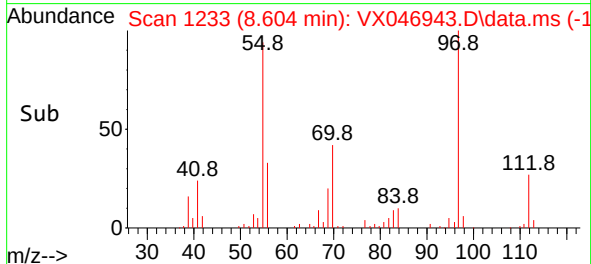
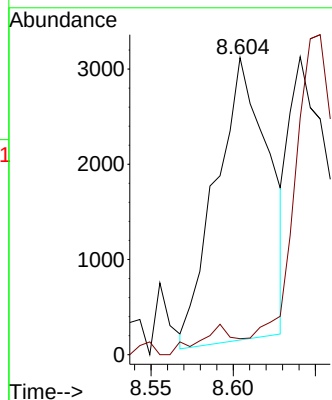
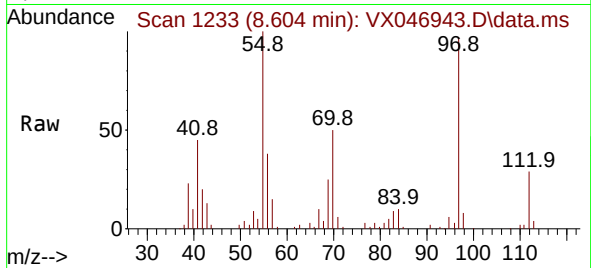




#51
4-Methyl-2-Pentanone
Concen: 1.679 ug/l
RT: 8.604 min Scan# 1233
Delta R.T. 0.030 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

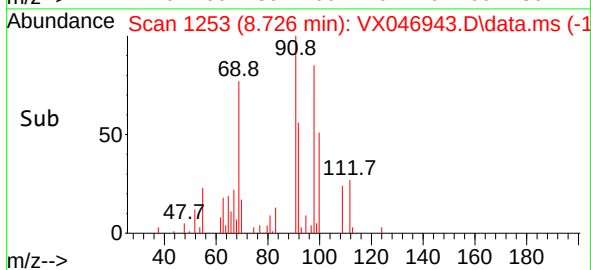
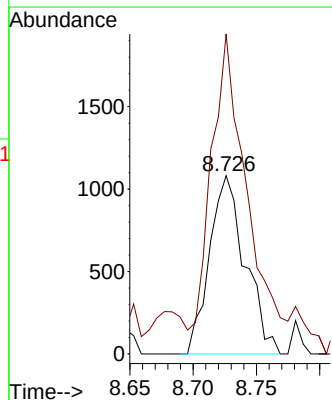
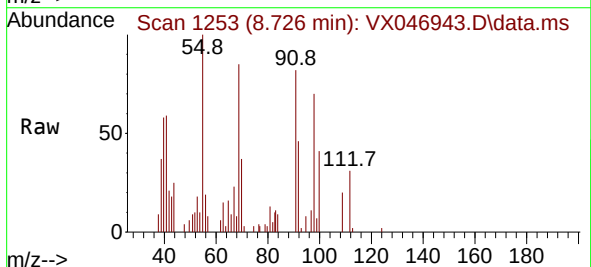
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

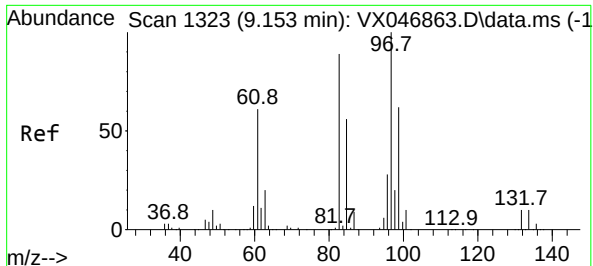
Tgt Ion: 43 Resp: 6579
Ion Ratio Lower Upper
43 100
58 6.9 30.4 45.6#



#52
Toluene
Concen: 0.223 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 92 Resp: 2124
Ion Ratio Lower Upper
92 100
91 151.3 137.9 206.9





#55

1,1,2-Trichloroethane

Concen: 0.474 ug/l

RT: 9.202 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201

Tgt Ion: 97 Resp: 1686

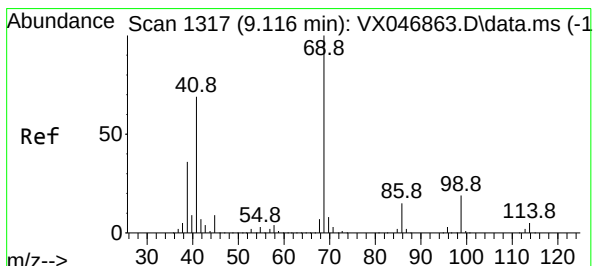
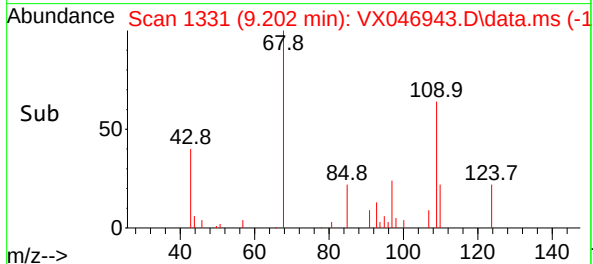
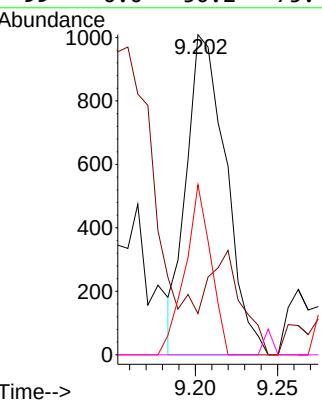
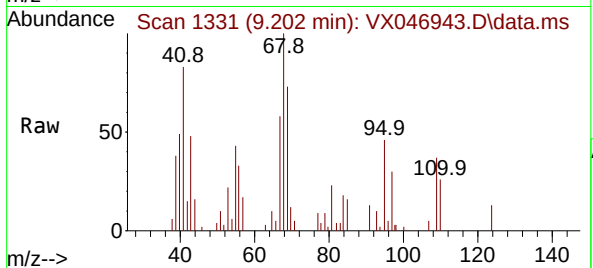
Ion Ratio Lower Upper

97 100

83 12.9 70.9 106.3#

85 53.1 44.6 67.0

99 0.0 50.2 75.4#



#56

Ethyl methacrylate

Concen: 2.132 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

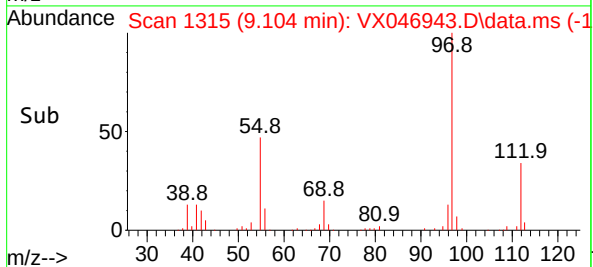
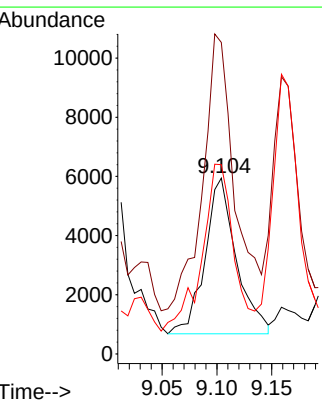
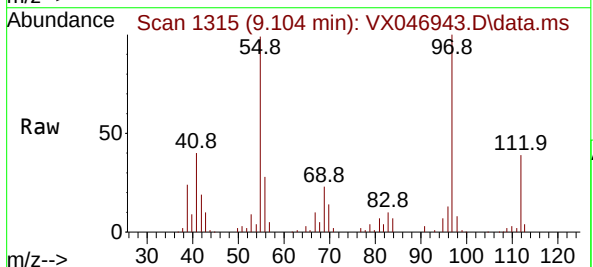
Tgt Ion: 69 Resp: 10486

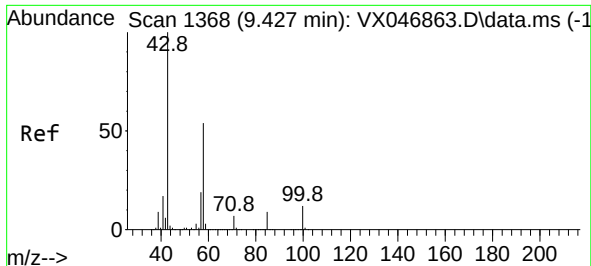
Ion Ratio Lower Upper

69 100

41 178.5 54.6 82.0#

39 107.6 28.7 43.1#

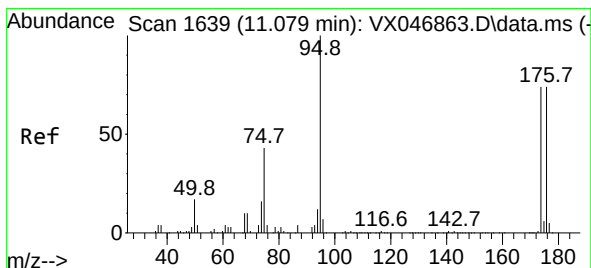
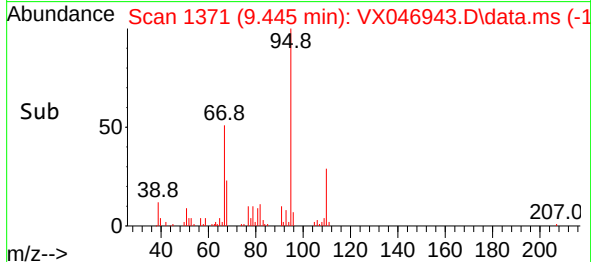
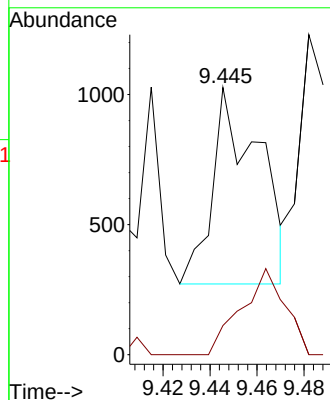
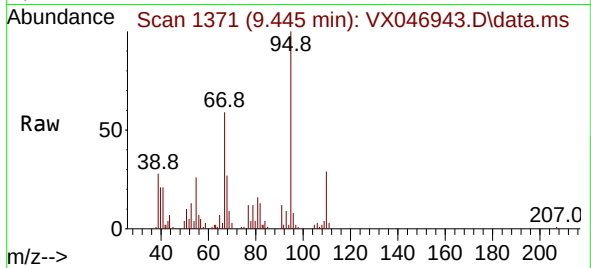




#59
2-Hexanone
Concen: 0.400 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

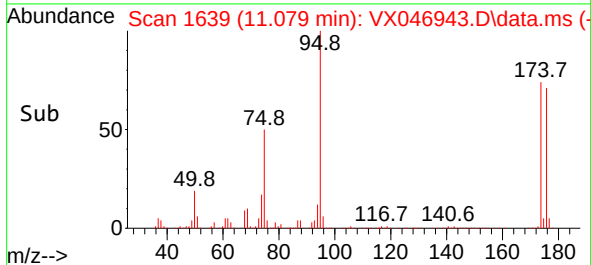
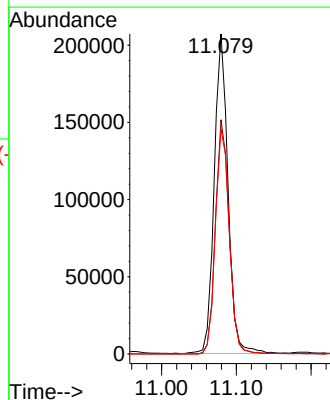
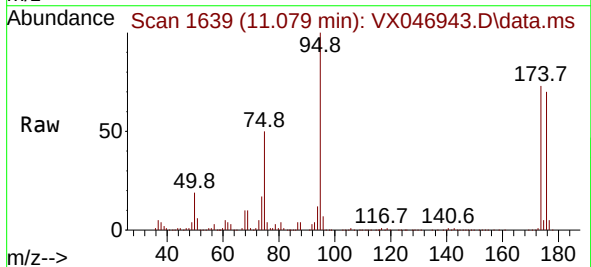
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

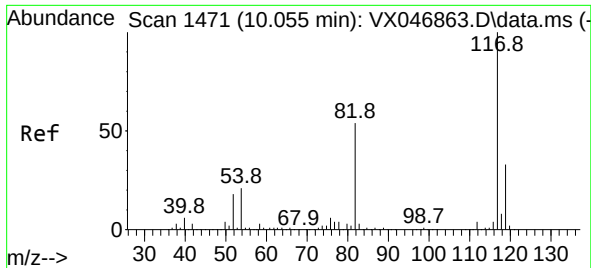
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 40.9 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 52.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 95 Resp: 264843
Ion Ratio Lower Upper
95 100
174 73.4 0.0 152.0
176 71.2 0.0 145.2

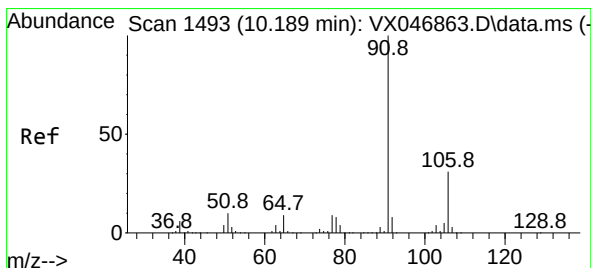
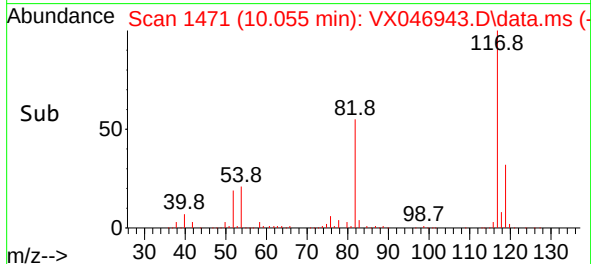
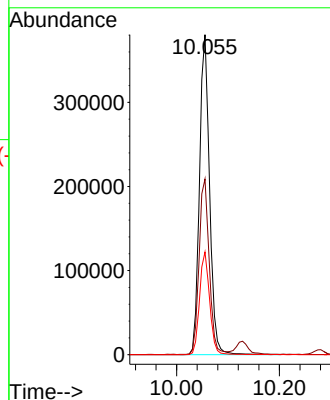
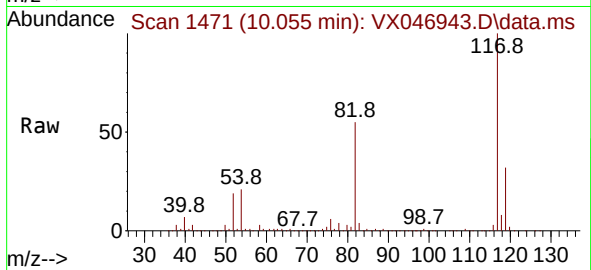




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

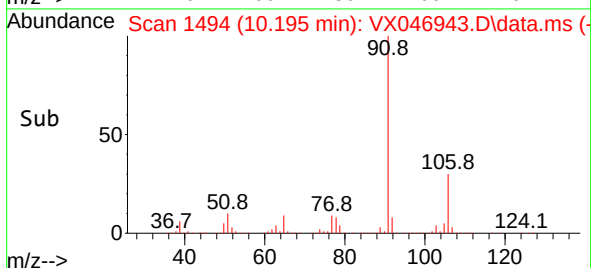
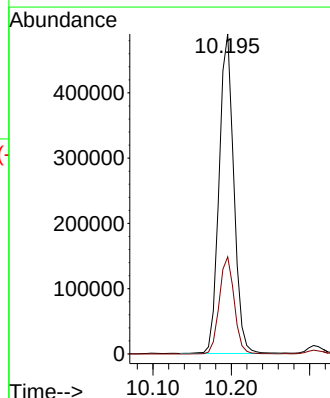
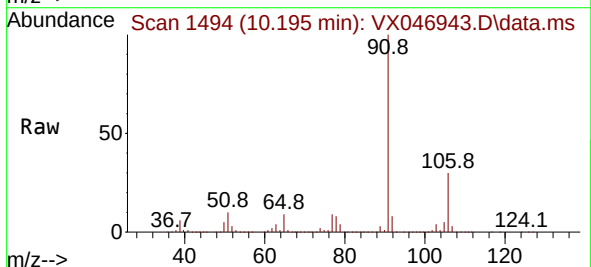
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

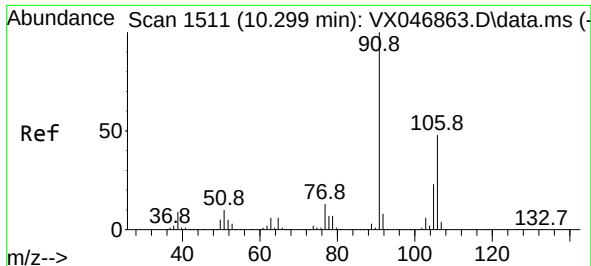
Tgt Ion:117 Resp: 518959
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 32.1 26.4 39.6



#67
Ethyl Benzene
Concen: 33.385 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 91 Resp: 641493
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

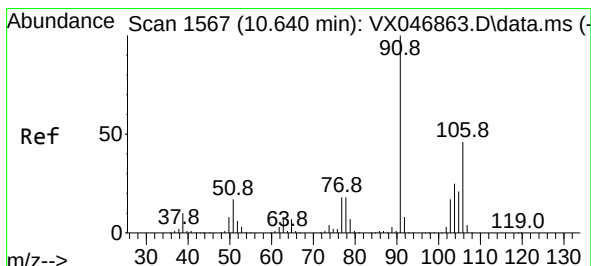
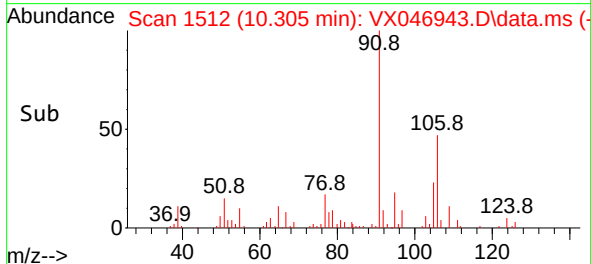
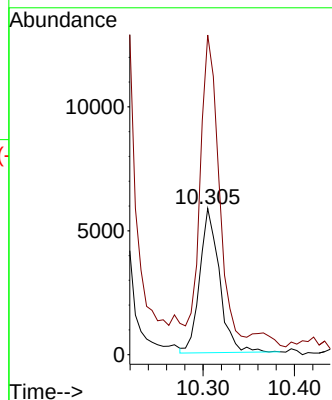
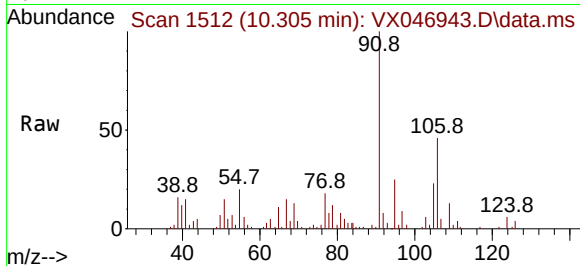




#68
m/p-Xylenes
Concen: 1.205 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

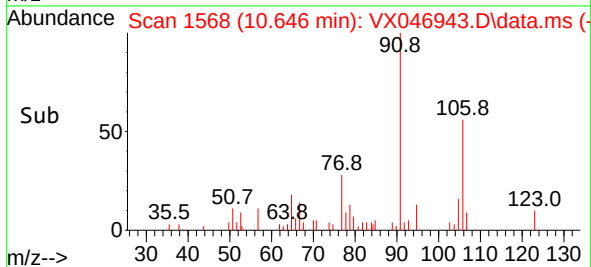
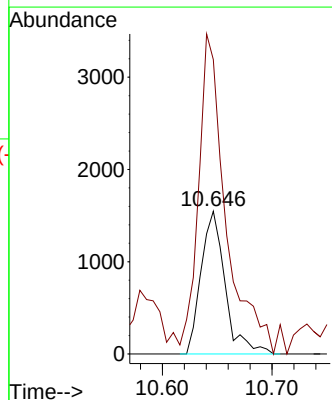
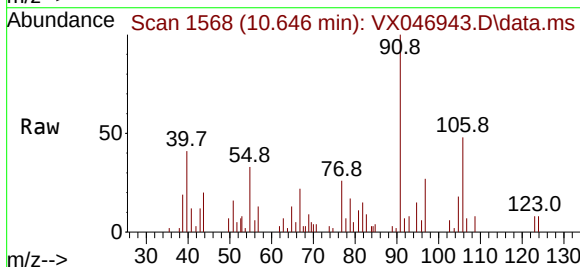
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

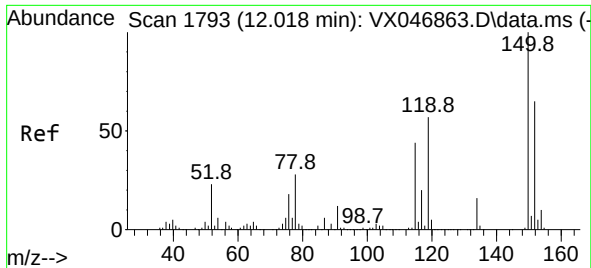
Tgt Ion:106 Resp: 8724
Ion Ratio Lower Upper
106 100
91 0.0 164.6 246.8#



#69
o-Xylene
Concen: 0.338 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:106 Resp: 2362
Ion Ratio Lower Upper
106 100
91 253.9 109.5 328.5

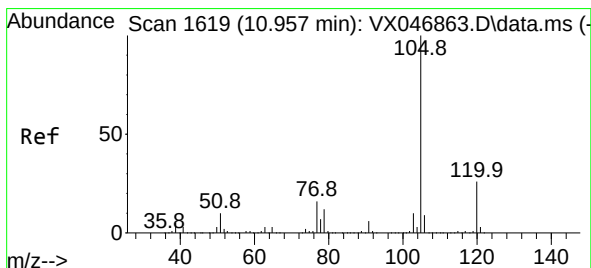
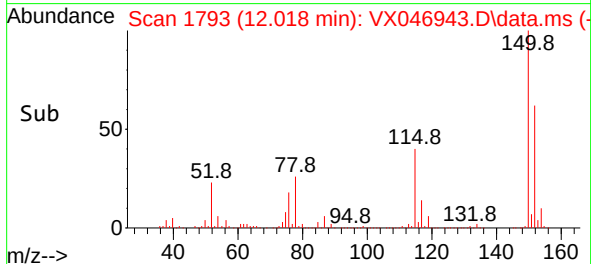
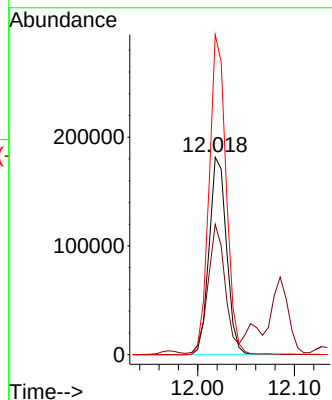
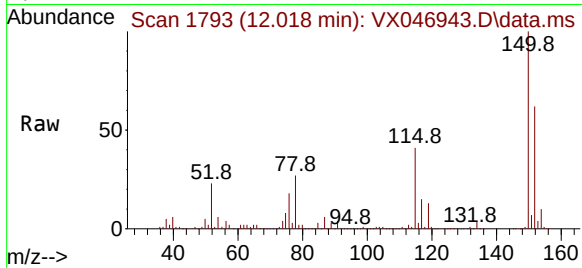




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

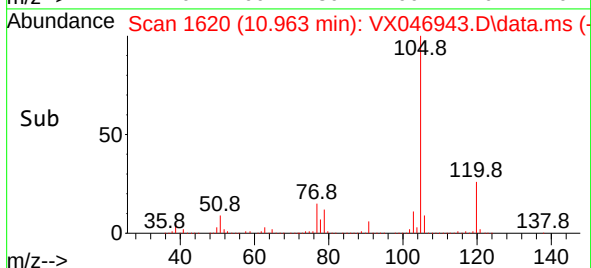
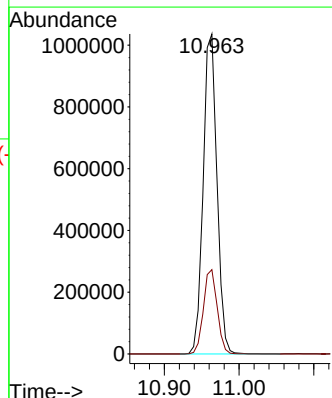
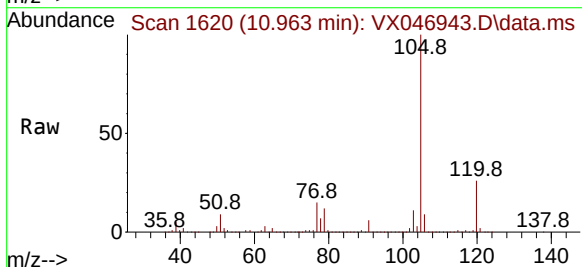
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

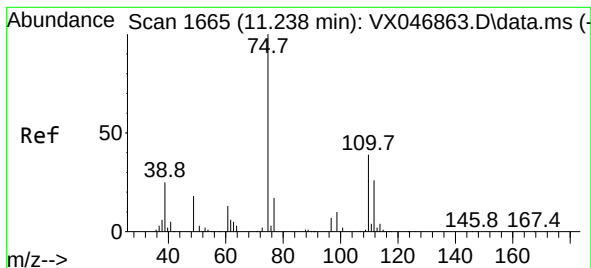
Tgt Ion:152 Resp: 227982
Ion Ratio Lower Upper
152 100
115 64.5 42.4 127.1
150 158.2 0.0 349.2



#73
Isopropylbenzene
Concen: 82.771 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion:105 Resp: 1326524
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5





#76

1,2,3-Trichloropropane

Concen: 9.776 ug/l

RT: 11.299 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

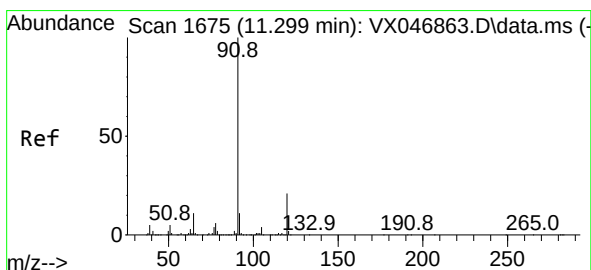
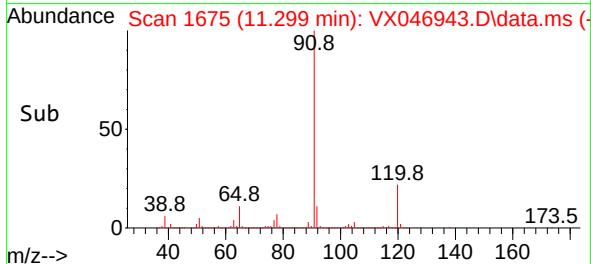
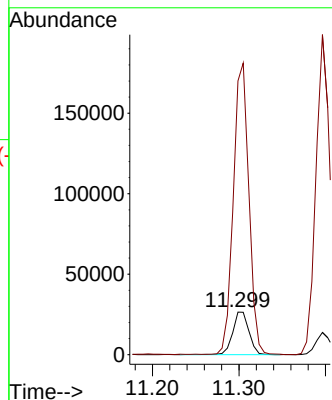
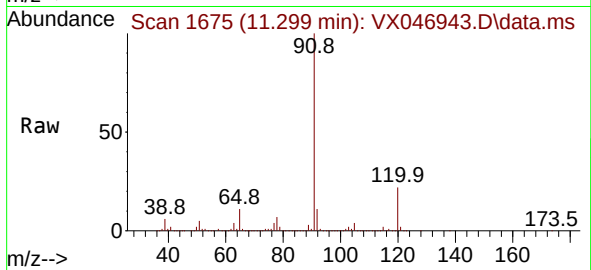
AOC-201

Tgt Ion: 75 Resp: 34437

Ion Ratio Lower Upper

75 100

77 656.2 20.6 61.8#



#78

n-propylbenzene

Concen: 282.194 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046943.D

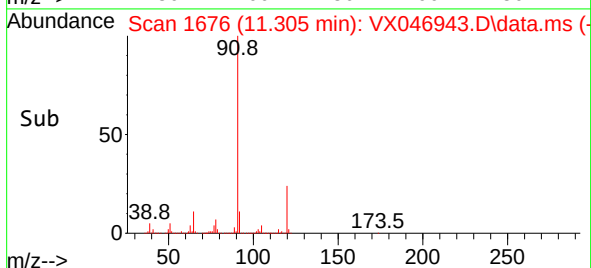
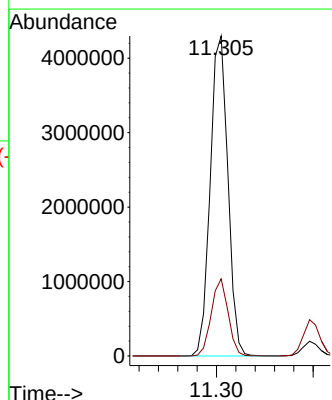
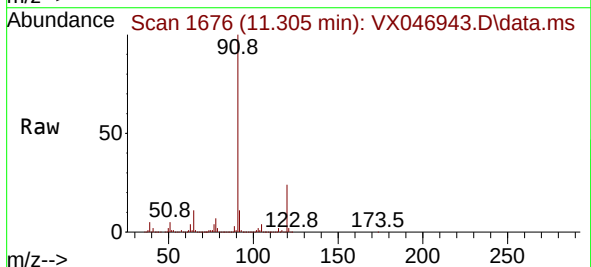
Acq: 10 Jul 2025 14:43

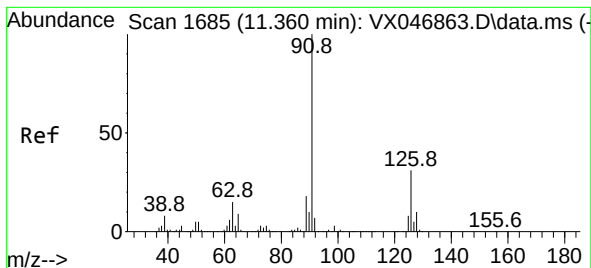
Tgt Ion: 91 Resp: 5453332

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.715 ug/l

RT: 11.396 min Scan# 1

Delta R.T. 0.037 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

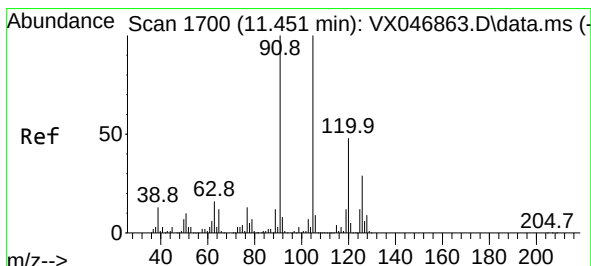
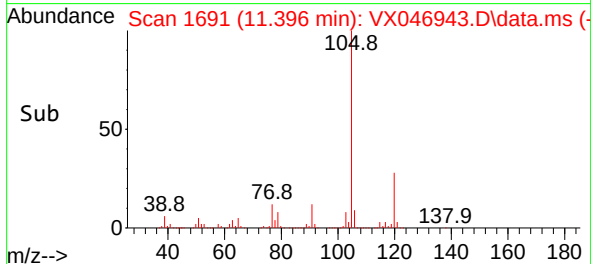
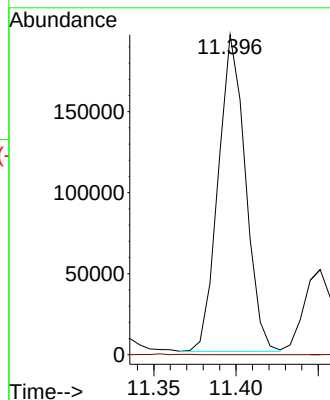
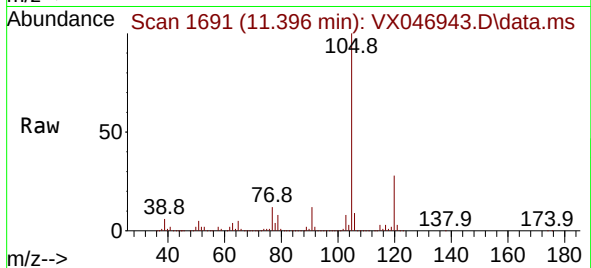
AOC-201

Tgt Ion: 91 Resp: 224955

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#



#80

1,3,5-Trimethylbenzene

Concen: 46.346 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046943.D

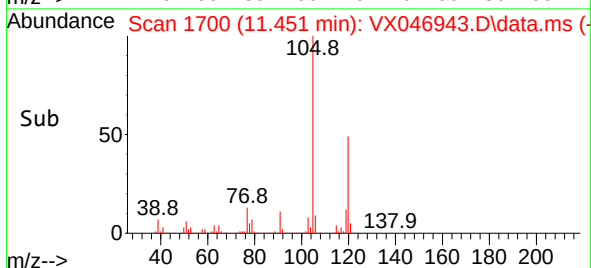
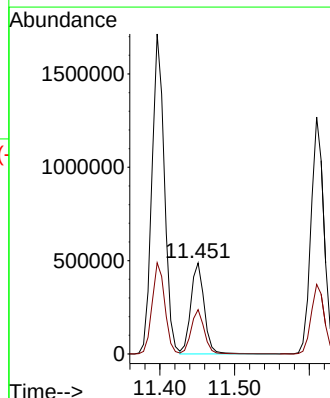
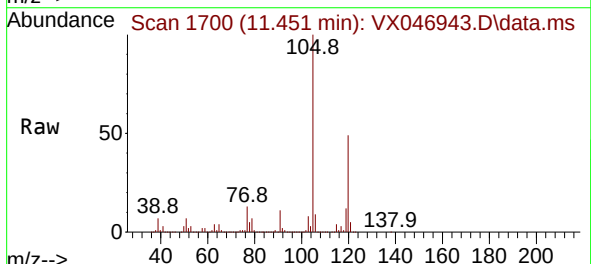
Acq: 10 Jul 2025 14:43

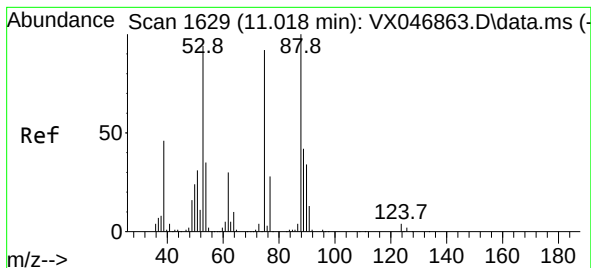
Tgt Ion:105 Resp: 603526

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.4

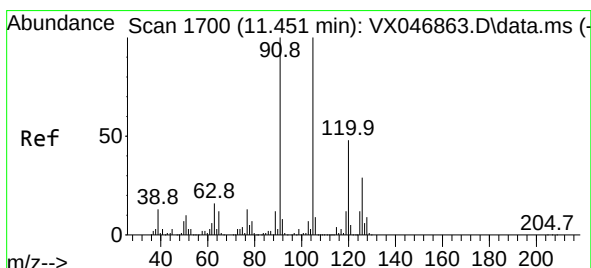
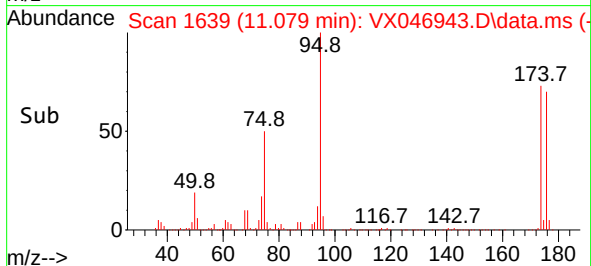
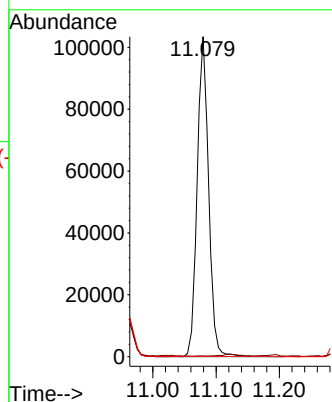
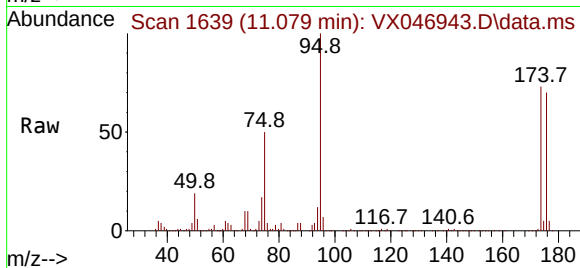




#81
trans-1,4-Dichloro-2-butene
Concen: 99.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

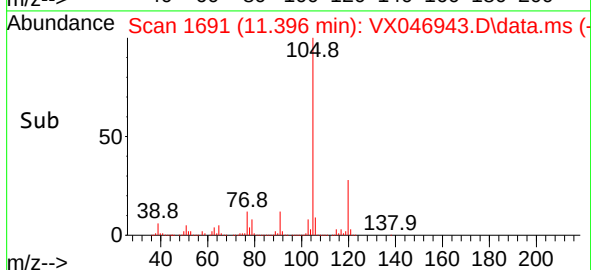
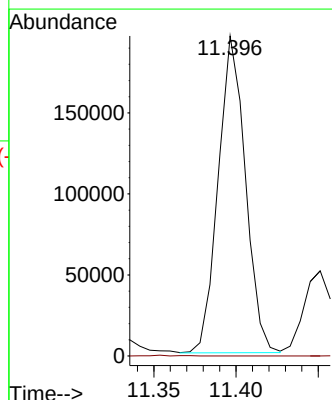
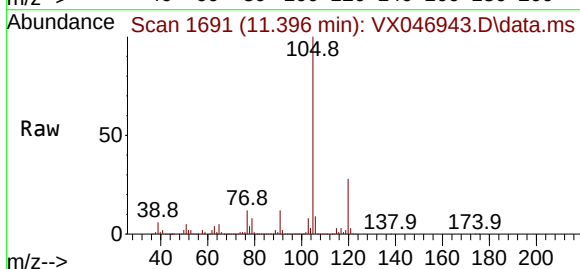
Instrument :
MSVOA_X
ClientSampleId :
AOC-201

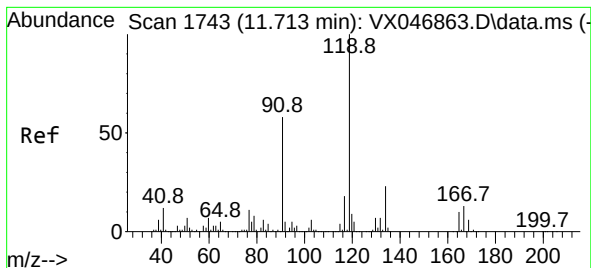
Tgt Ion: 75 Resp: 130282
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 17.084 ug/l
RT: 11.396 min Scan# 1691
Delta R.T. -0.055 min
Lab File: VX046943.D
Acq: 10 Jul 2025 14:43

Tgt Ion: 91 Resp: 224955
Ion Ratio Lower Upper
91 100
126 0.0 14.6 44.0#





#83

tert-Butylbenzene

Concen: 84.973 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201

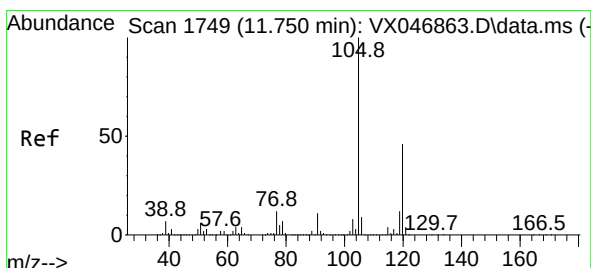
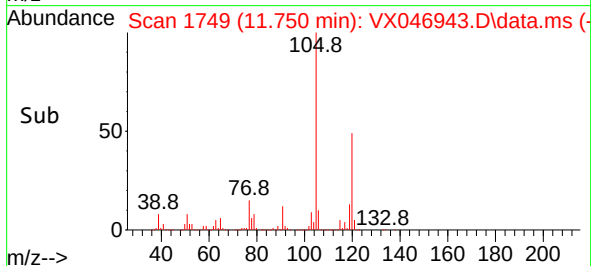
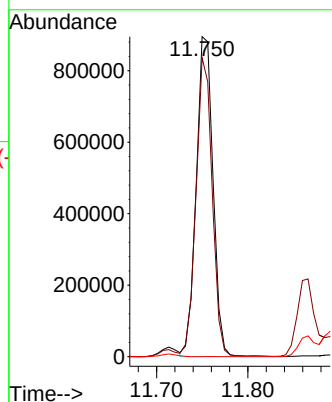
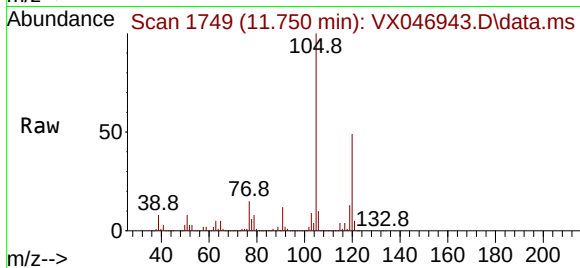
Tgt Ion:119 Resp: 1142866

Ion Ratio Lower Upper

119 100

91 89.7 28.7 86.3#

134 0.0 11.4 34.2#



#84

1,2,4-Trimethylbenzene

Concen: 675.065 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046943.D

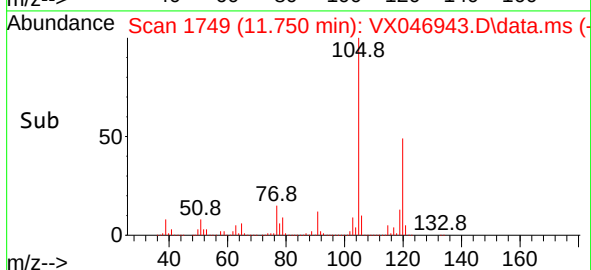
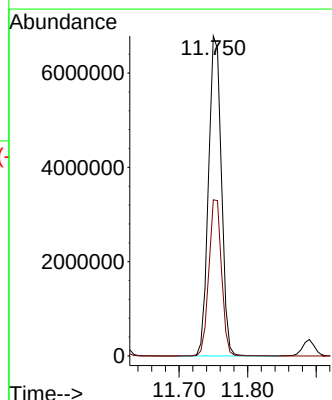
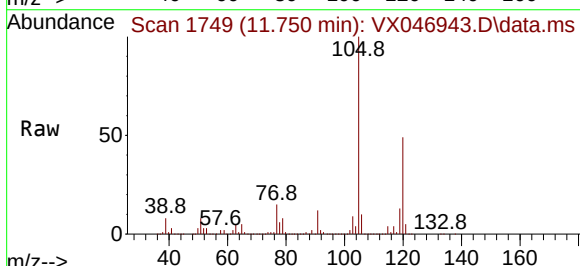
Acq: 10 Jul 2025 14:43

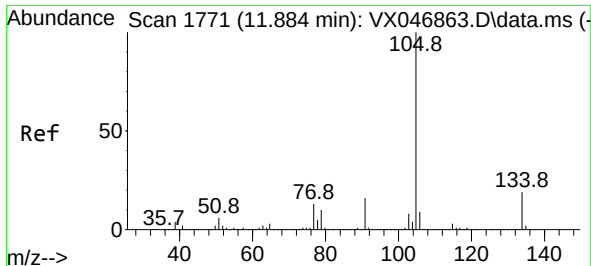
Tgt Ion:105 Resp: 8885482

Ion Ratio Lower Upper

105 100

120 48.1 23.3 69.8

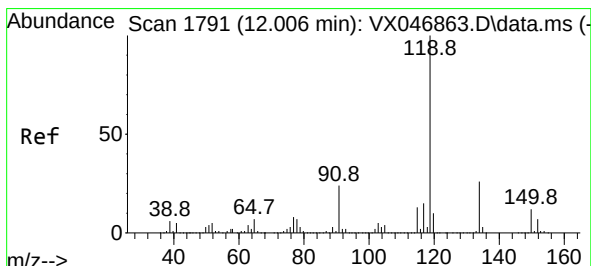
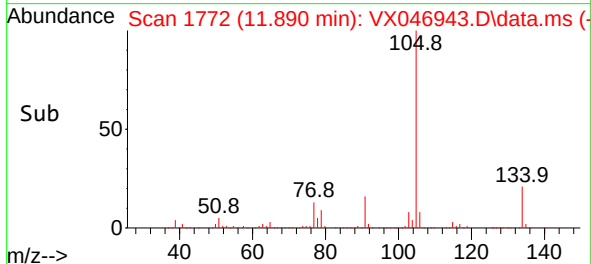
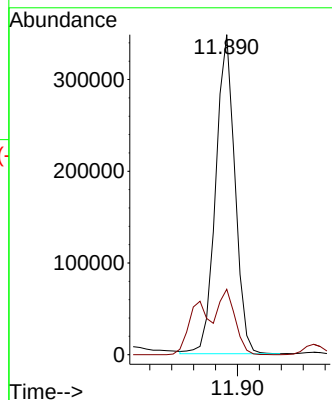
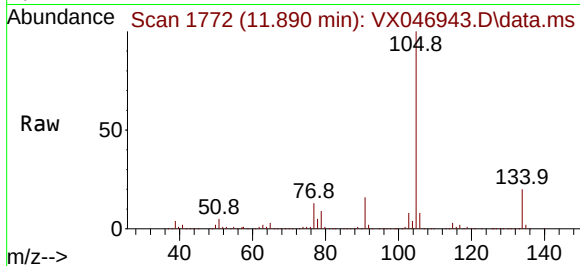




#85
 sec-Butylbenzene
 Concen: 24.951 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046943.D
 Acq: 10 Jul 2025 14:43

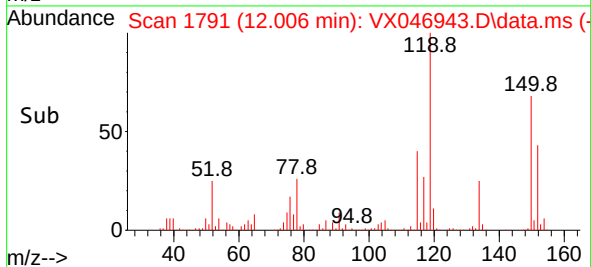
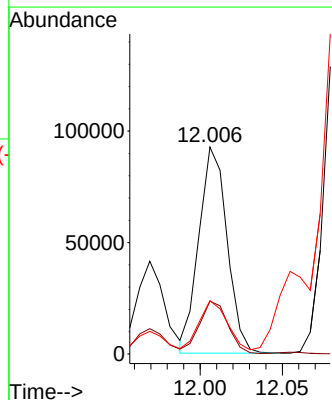
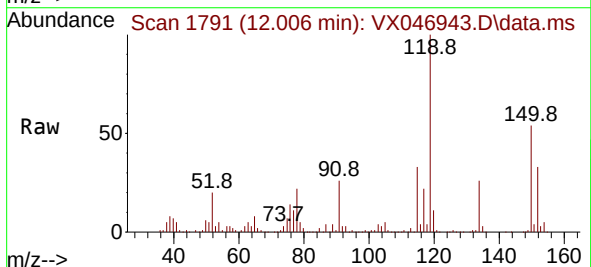
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-201

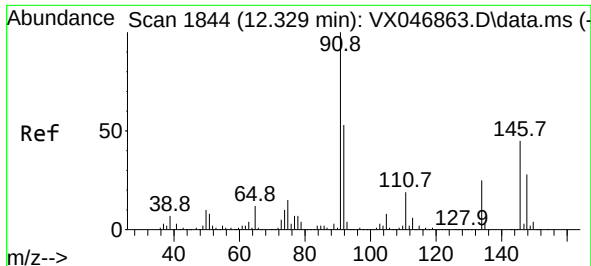
Tgt Ion:105 Resp: 423115
 Ion Ratio Lower Upper
 105 100
 134 17.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 7.762 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046943.D
 Acq: 10 Jul 2025 14:43

Tgt Ion:119 Resp: 110221
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 0.0 12.0 36.1#





#89

n-Butylbenzene

Concen: 49.684 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201

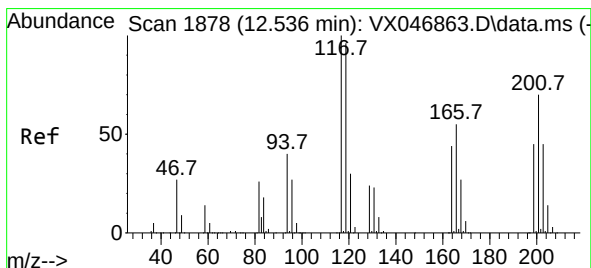
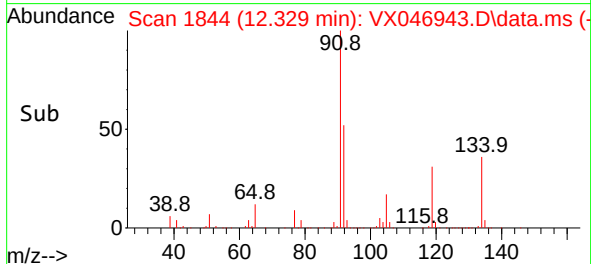
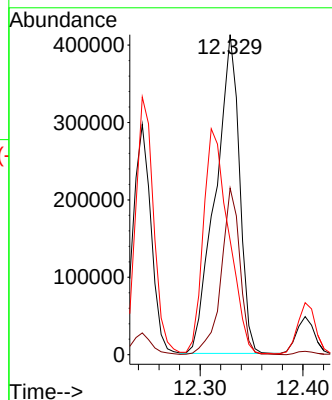
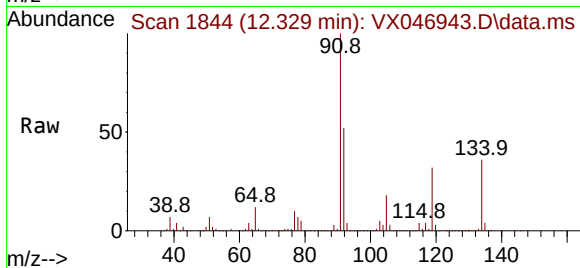
Tgt Ion: 91 Resp: 662943

Ion Ratio Lower Upper

91 100

92 41.3 27.0 81.0

134 74.6 12.8 38.4#



#90

Hexachloroethane

Concen: 93.862 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX046943.D

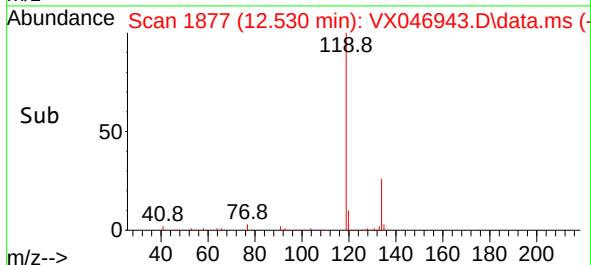
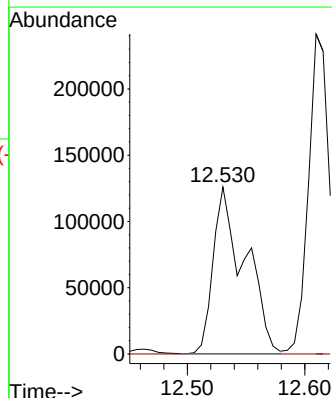
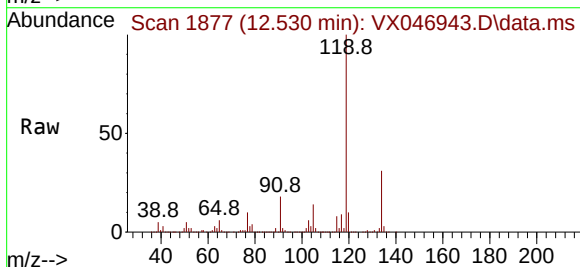
Acq: 10 Jul 2025 14:43

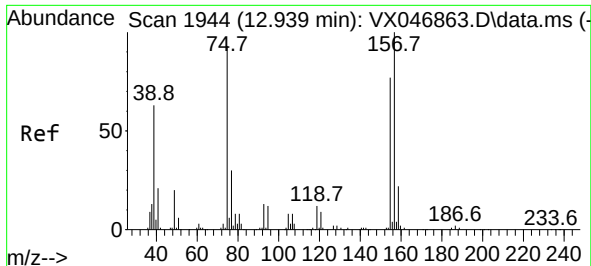
Tgt Ion:117 Resp: 236292

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.068 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Instrument :

MSVOA_X

ClientSampleId :

AOC-201

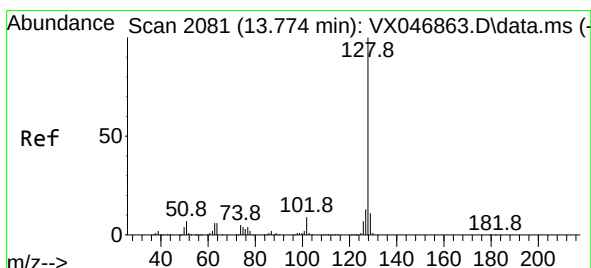
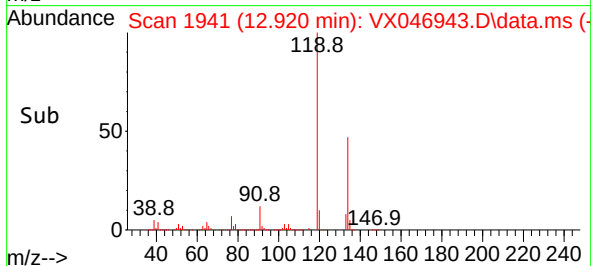
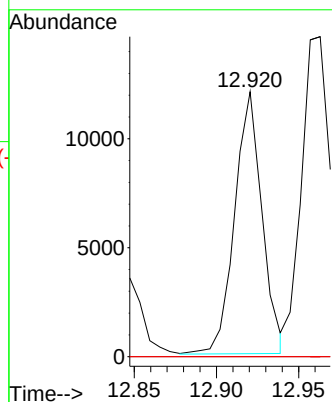
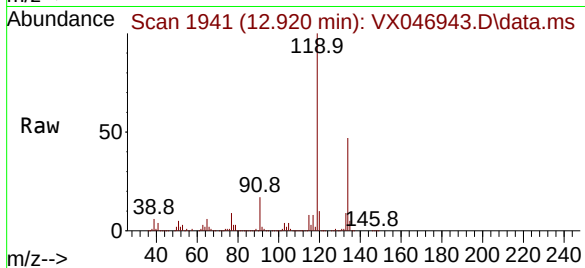
Tgt Ion: 75 Resp: 13926

Ion Ratio Lower Upper

75 100

155 0.0 43.1 129.4#

157 0.0 56.5 169.5#



#95

Naphthalene

Concen: 54.608 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046943.D

Acq: 10 Jul 2025 14:43

Tgt Ion:128 Resp: 707251

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 12.3 8.6 13.0

