

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046484.D
 Acq On : 03 Jun 2025 19:38
 Operator : JC/MD
 Sample : Q2169-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 303-PPR-1

Quant Time: Jun 04 01:34:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	71601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68928	51.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	5.385	113	50989	50.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	8.647	98	176085	50.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	11.079	95	69272	51.587	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.180%			
Target Compounds						Qvalue
6) Chloroethane	1.636	64	426	0.807	ug/l #	44
11) Tert butyl alcohol	2.977	59	3224	17.206	ug/l #	82
13) Acrolein	2.221	56	263	1.232	ug/l #	15
16) Acetone	2.386	43	25007	46.723	ug/l	96
17) Carbon Disulfide	2.508	76	2693	1.338	ug/l	99
18) Methyl Acetate	2.709	43	2301	1.853	ug/l	98
20) Methylene Chloride	2.788	84	957	0.933	ug/l #	87
25) 2-Butanone	4.587	43	6473	8.330	ug/l #	88
27) cis-1,2-Dichloroethene	4.495	96	457	0.445	ug/l	42
29) Tetrahydrofuran	5.038	42	104	0.214	ug/l #	35
31) Cyclohexane	5.458	56	2440	1.534	ug/l	94
36) 1,1-Dichloropropene	5.550	75	7113	5.234	ug/l #	52
37) Ethyl Acetate	4.587	43	6473	3.855	ug/l #	70
38) Carbon Tetrachloride	5.544	117	8572	5.614	ug/l #	16
39) Methylcyclohexane	7.379	83	5220	2.984	ug/l	95
40) Benzene	6.038	78	23497	5.903	ug/l	99
41) Methacrylonitrile	5.044	41	203	0.231	ug/l #	44
43) Isopropyl Acetate	6.361	43	665	0.260	ug/l #	63
44) Trichloroethene	7.123	130	228	0.238	ug/l	67
51) 4-Methyl-2-Pentanone	8.574	43	56787	33.399	ug/l	100
52) Toluene	8.714	92	271954	111.420	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	3623	2.651	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	1139	1.183	ug/l #	19
56) Ethyl methacrylate	9.092	69	418	0.273	ug/l #	20
59) 2-Hexanone	9.452	43	1591	1.265	ug/l	79
60) Dibromochloromethane	9.275	129	274	0.259	ug/l #	10
64) Tetrachloroethene	9.269	164	244	0.262	ug/l #	74
67) Ethyl Benzene	10.189	91	317292	62.492	ug/l	99
68) m/p-Xylenes	10.299	106	417116	224.620	ug/l	97
69) o-Xylene	10.640	106	238913	131.969	ug/l	97
70) Styrene	10.640	104	17428	5.877	ug/l #	1
73) Isopropylbenzene	10.957	105	36070	7.608	ug/l	99
74) N-amyl acetate	10.860	43	1248	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	11.378	75	4774	3.257	ug/l #	1
78) n-propylbenzene	11.305	91	90919	16.493	ug/l	99
79) 2-Chlorotoluene	11.378	91	63218	17.779	ug/l #	44

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

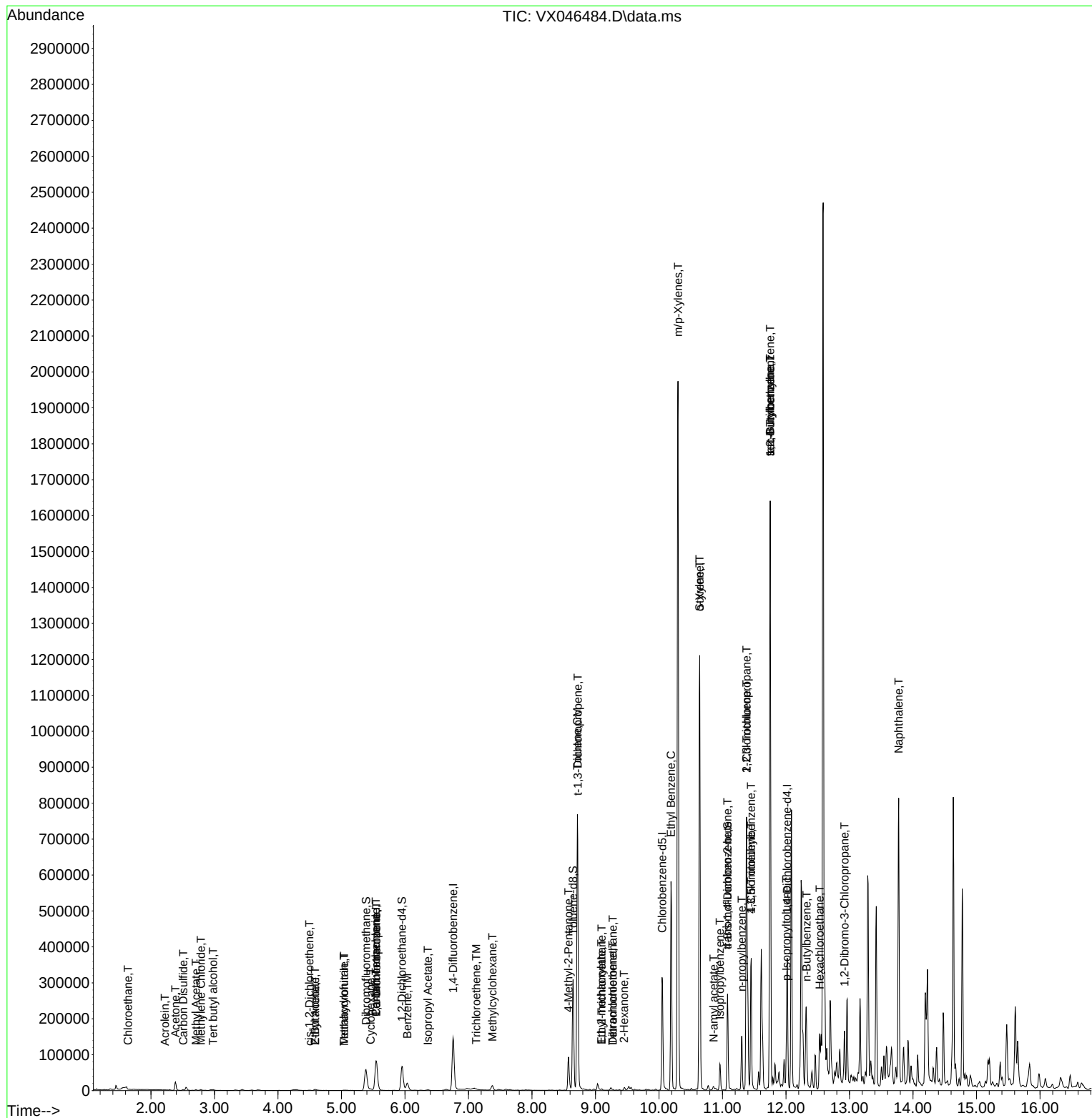
80) 1,3,5-Trimethylbenzene	11.451	105	156180	39.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	39922	88.668	ug/l #	1
82) 4-Chlorotoluene	11.451	91	19082	4.839	ug/l #	48
83) tert-Butylbenzene	11.750	119	76997	19.299	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.750	105	664618	165.696	ug/l	99
85) sec-Butylbenzene	11.750	105	664618	135.673	ug/l #	57
86) p-Isopropyltoluene	12.006	119	34042	8.419	ug/l	98
89) n-Butylbenzene	12.323	91	35767	10.084	ug/l #	37
90) Hexachloroethane	12.530	117	6501	9.126	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	12.921	75	669	1.818	ug/l #	10
95) Naphthalene	13.774	128	453839	106.874	ug/l	99

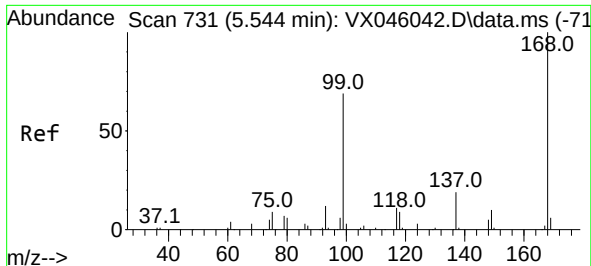
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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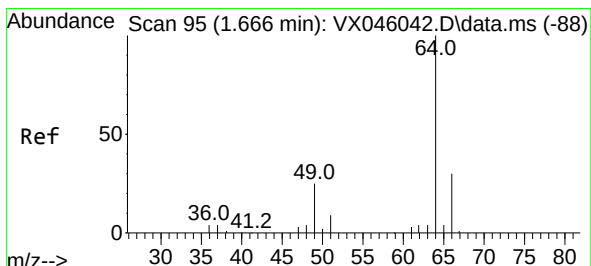
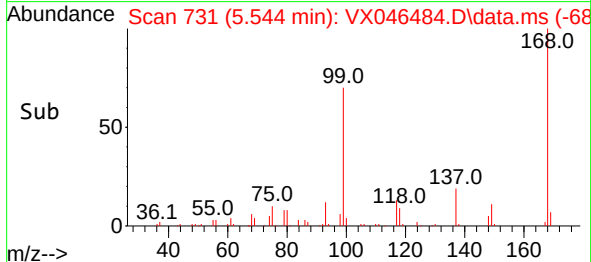
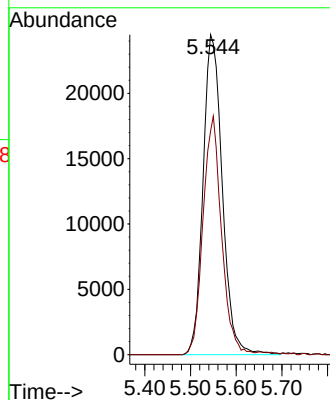
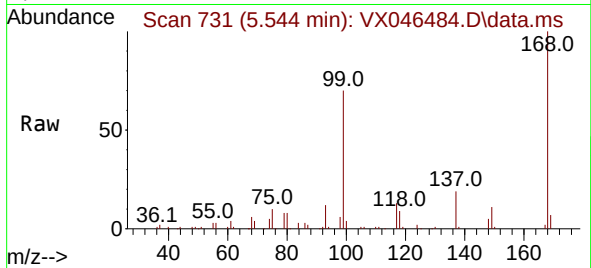




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

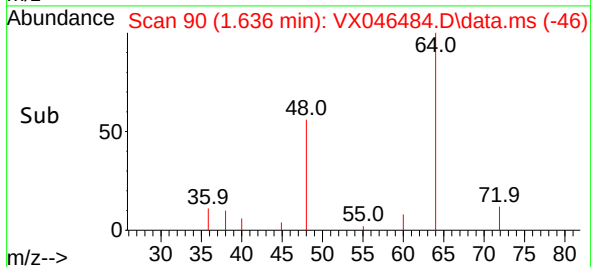
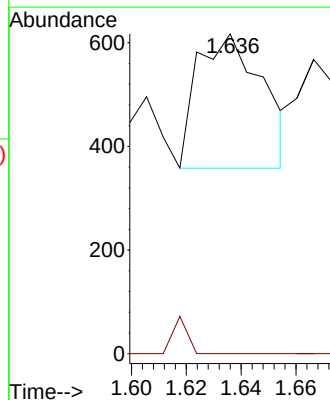
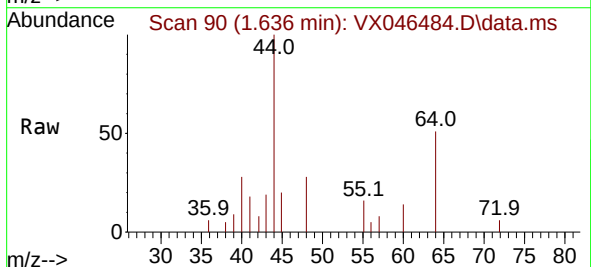
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

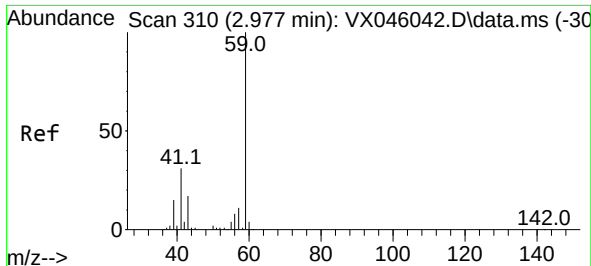
Tgt Ion:168 Resp: 71601
Ion Ratio Lower Upper
168 100
99 69.9 54.9 82.3



#6
Chloroethane
Concen: 0.807 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.030 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 64 Resp: 426
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

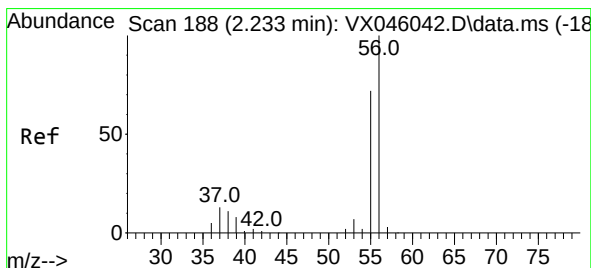
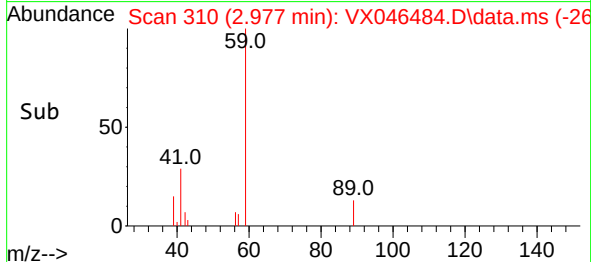
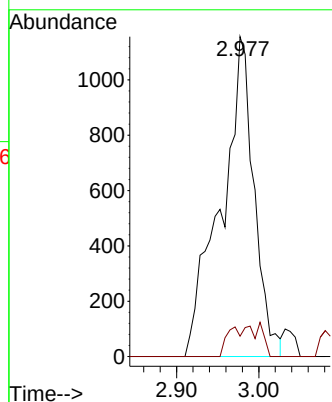
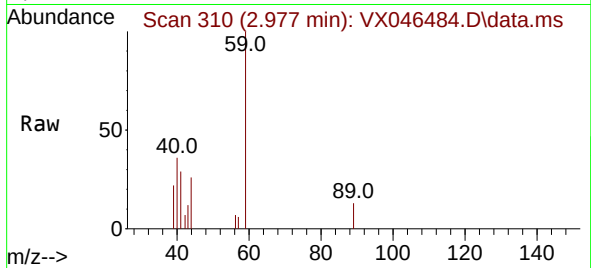




#11
Tert butyl alcohol
Concen: 17.206 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

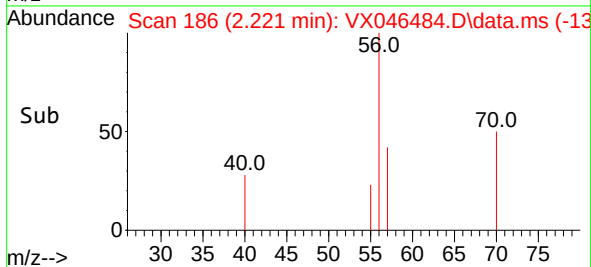
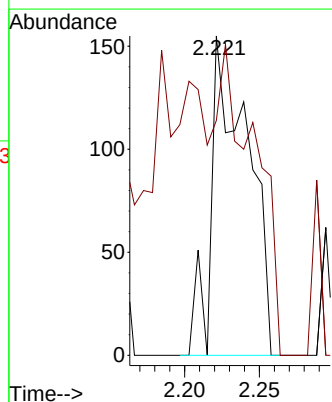
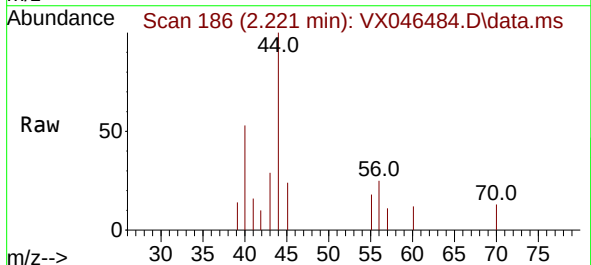
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

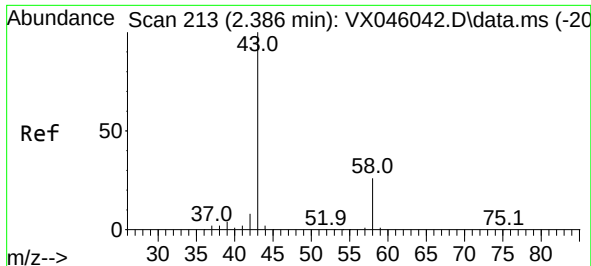
Tgt Ion: 59 Resp: 3224
Ion Ratio Lower Upper
59 100
57 3.9 8.6 12.8#



#13
Acrolein
Concen: 1.232 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 56 Resp: 263
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#

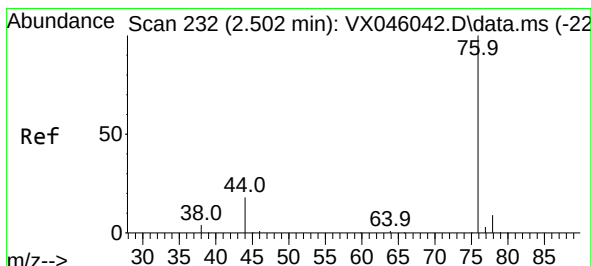
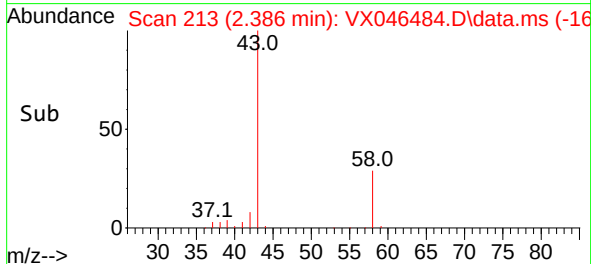
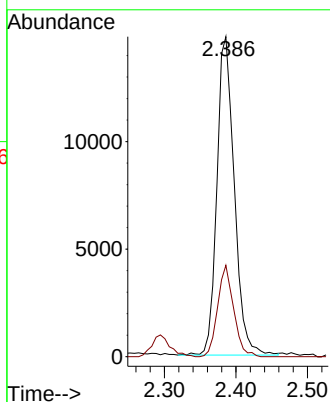
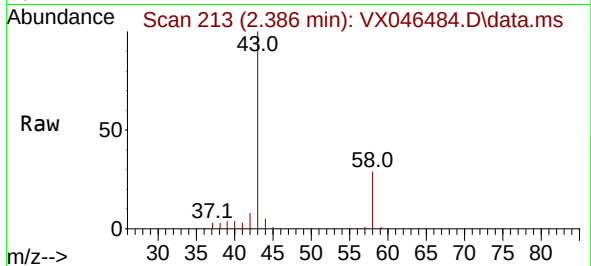




#16
Acetone
Concen: 46.723 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

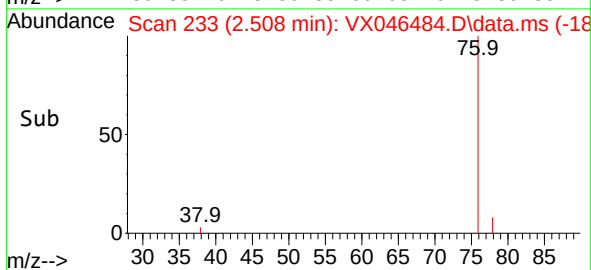
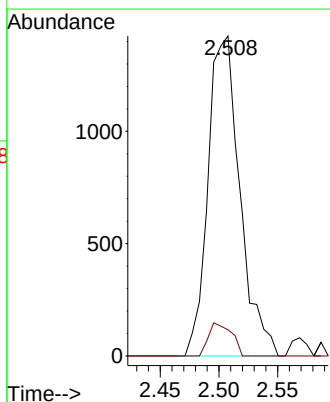
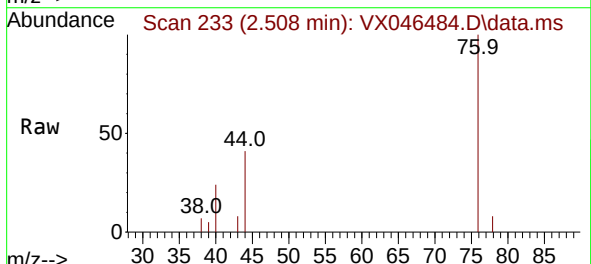
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

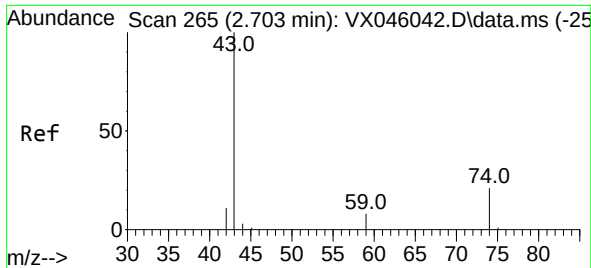
Tgt Ion: 43 Resp: 25007
Ion Ratio Lower Upper
43 100
58 28.7 21.2 31.8



#17
Carbon Disulfide
Concen: 1.338 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 76 Resp: 2693
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4

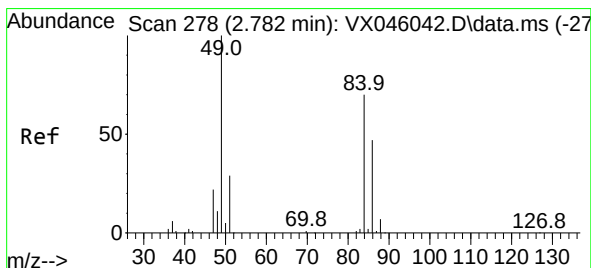
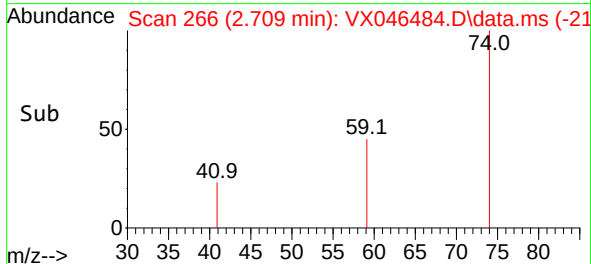
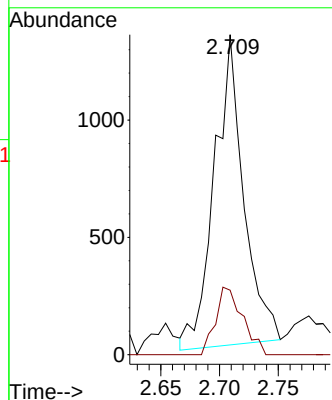
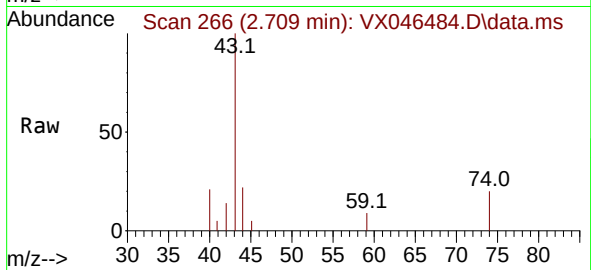




#18
Methyl Acetate
Concen: 1.853 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

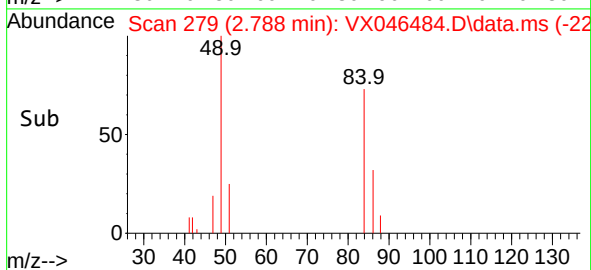
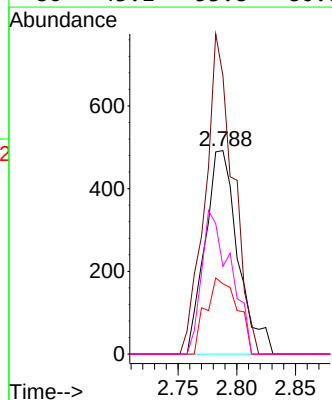
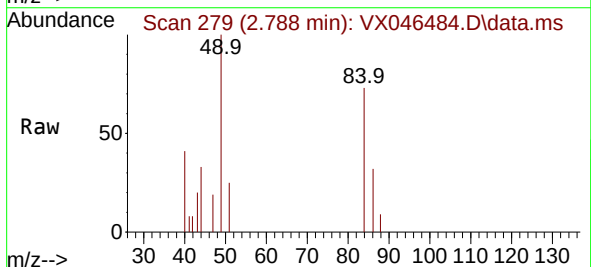
Instrument :
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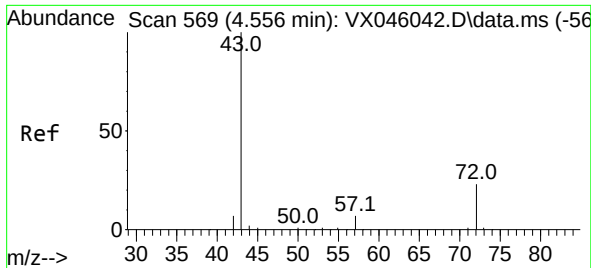
Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
74 19.9 16.7 25.1



#20
Methylene Chloride
Concen: 0.933 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 84 Resp: 957
Ion Ratio Lower Upper
84 100
49 136.8 113.9 170.9
51 34.6 33.5 50.3
86 43.1 53.8 80.8#

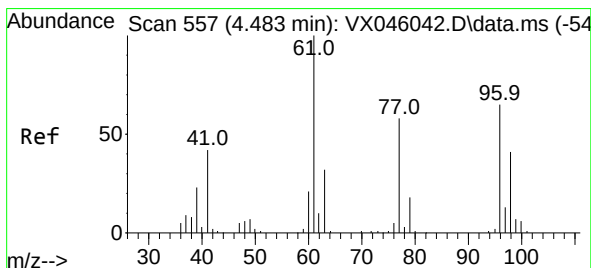
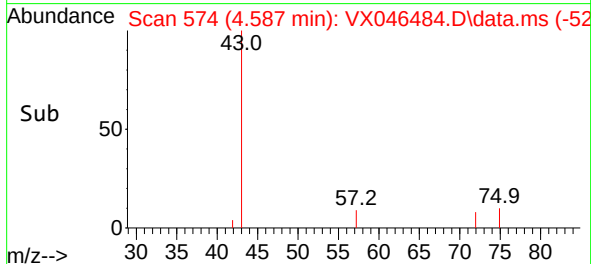
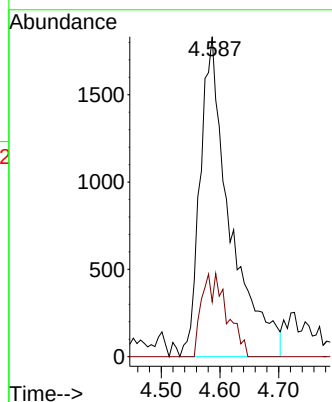
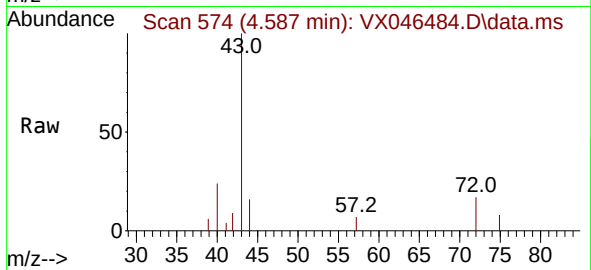




#25
2-Butanone
Concen: 8.330 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

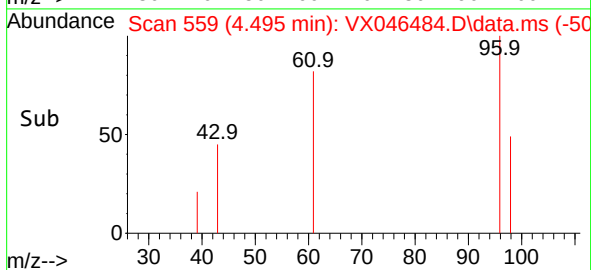
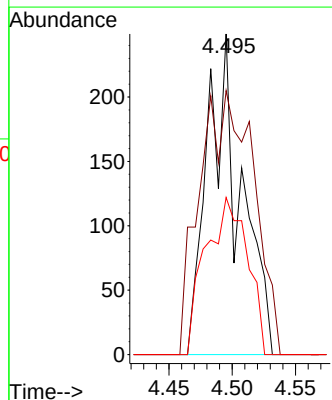
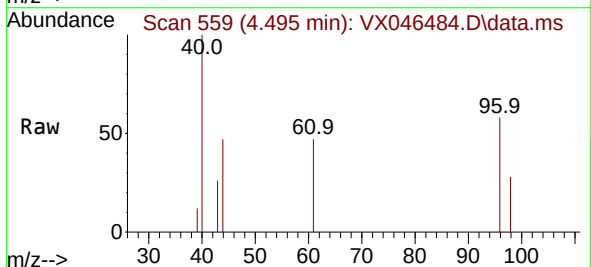
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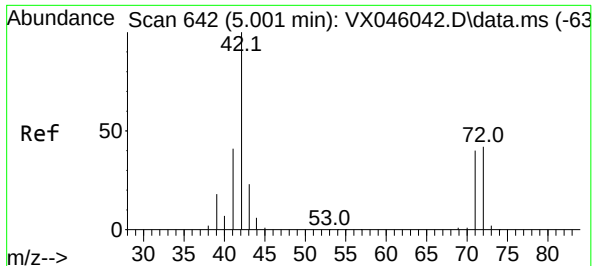
Tgt Ion: 43 Resp: 6473
Ion Ratio Lower Upper
43 100
72 17.1 18.4 27.6#



#27
cis-1,2-Dichloroethene
Concen: 0.445 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 96 Resp: 457
Ion Ratio Lower Upper
96 100
61 55.6 0.0 322.8
98 61.5 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

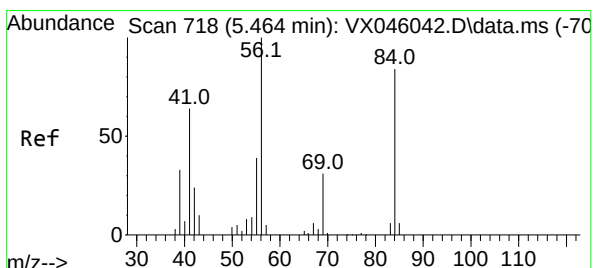
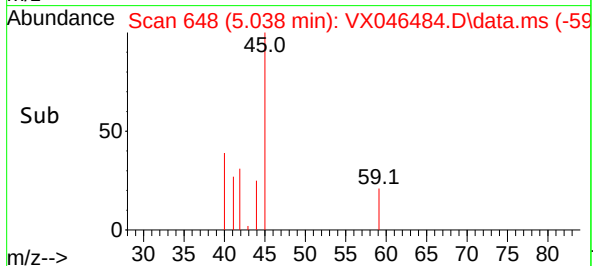
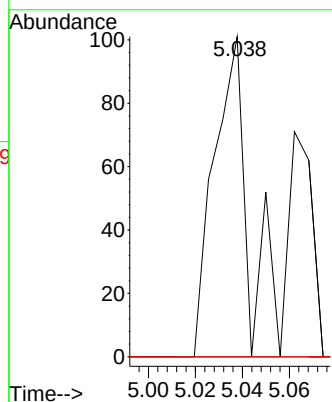
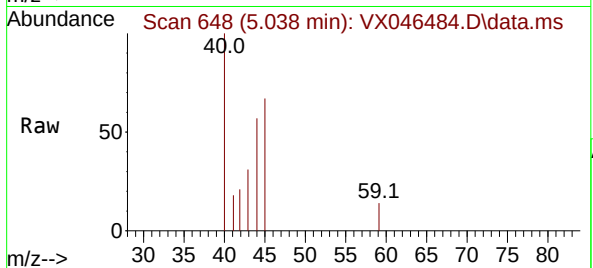
Instrument :

MSVOA_X

ClientSampleId :

303-PPR-1

Tgt Ion: 42	Resp: 104
Ion Ratio	Lower Upper
42	100
72	0.0 33.7 50.5#
71	0.0 31.4 47.2#



#31

Cyclohexane

Concen: 1.534 ug/l

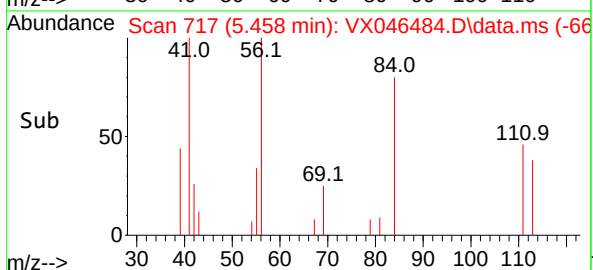
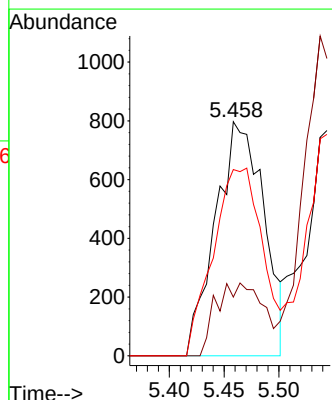
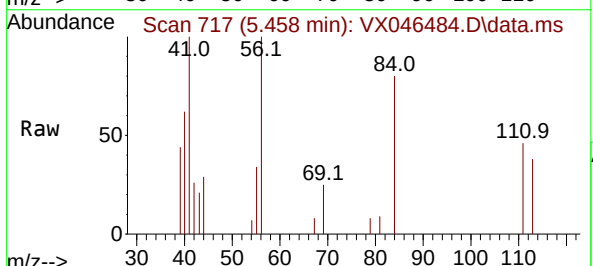
RT: 5.458 min Scan# 717

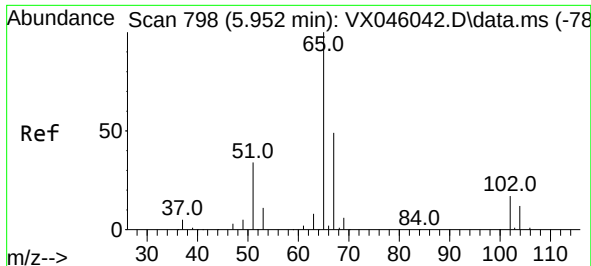
Delta R.T. -0.006 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

Tgt Ion: 56	Resp: 2440
Ion Ratio	Lower Upper
56	100
69	25.1 24.4 36.6
84	79.5 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 51.636 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

Instrument :

MSVOA_X

ClientSampleId :

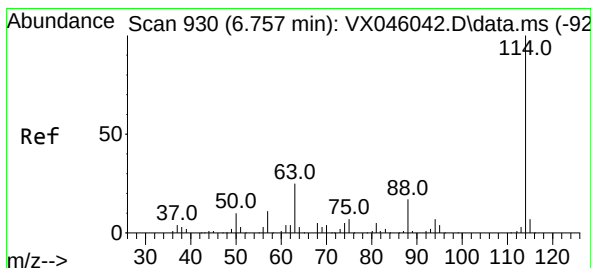
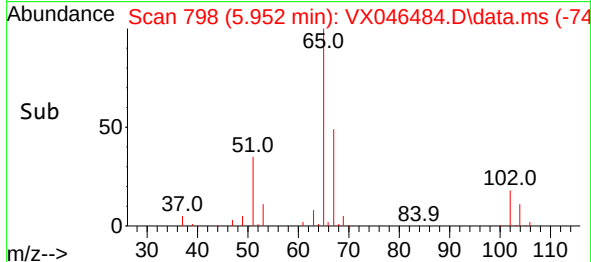
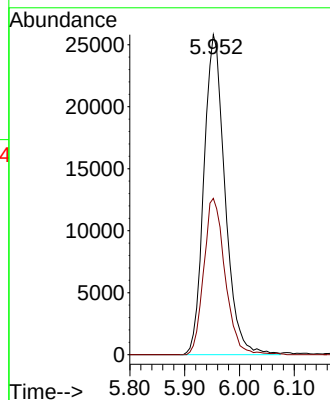
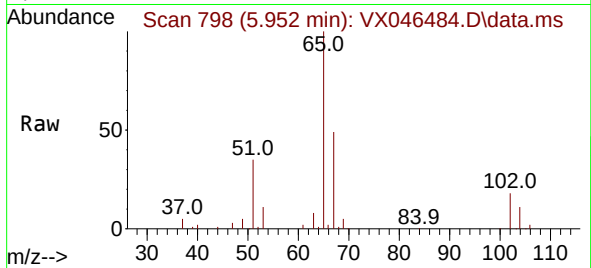
303-PPR-1

Tgt Ion: 65 Resp: 68928

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

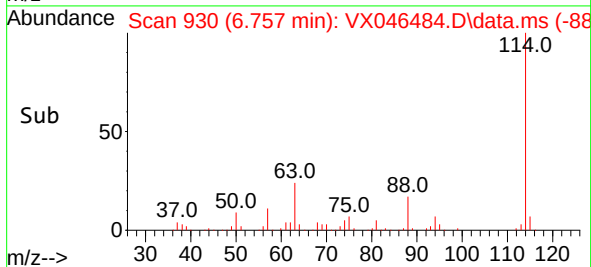
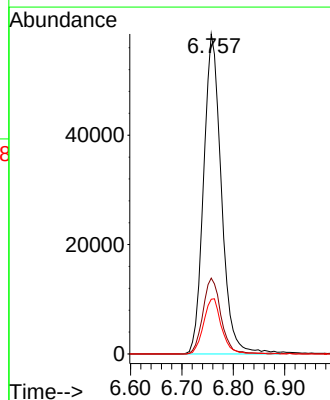
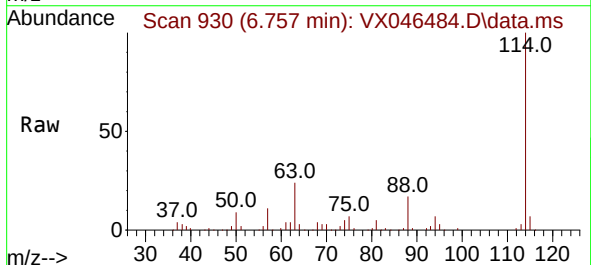
Tgt Ion: 114 Resp: 140457

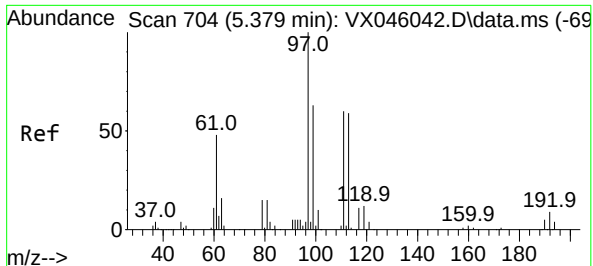
Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.2

88 17.1 0.0 33.6

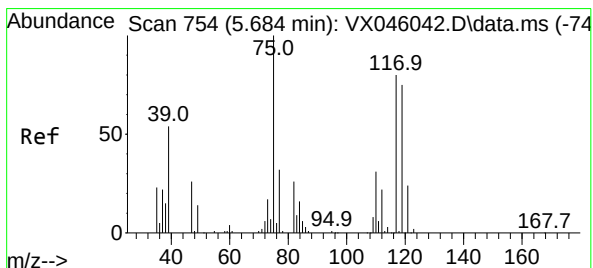
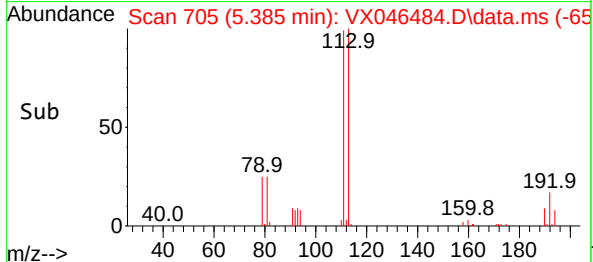
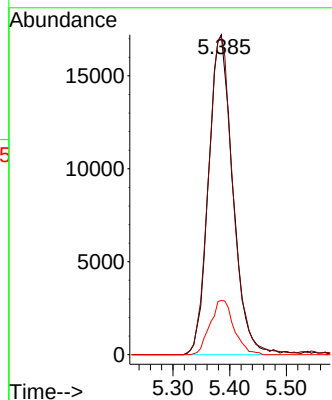
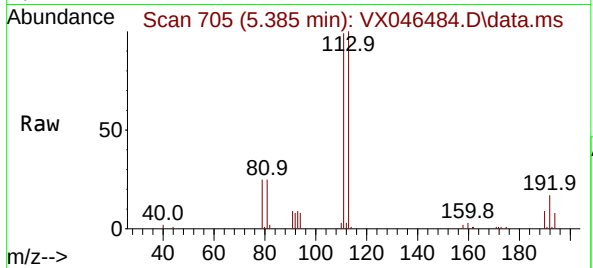




#35
Dibromofluoromethane
Concen: 50.412 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

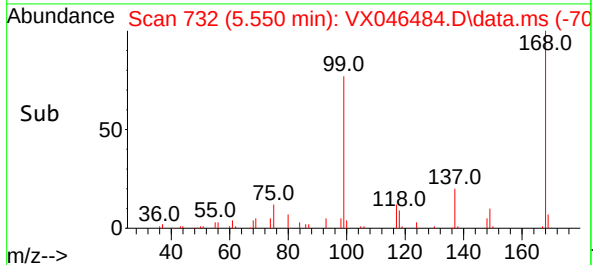
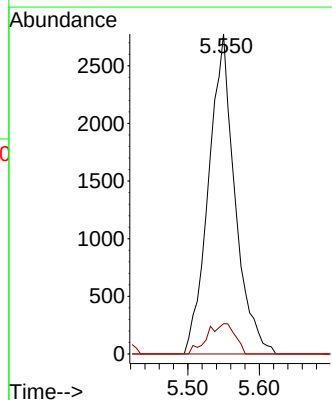
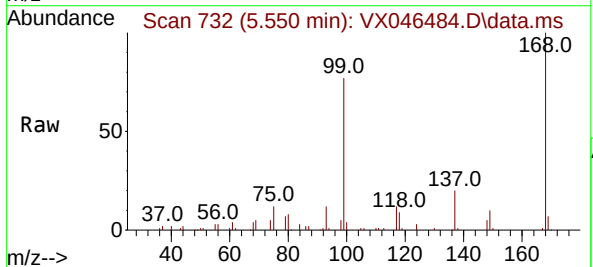
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

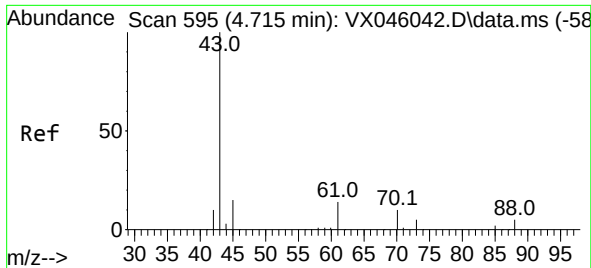
Tgt Ion:113 Resp: 50989
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.234 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 75 Resp: 7113
Ion Ratio Lower Upper
75 100
110 10.0 16.3 48.9#
77 0.0 24.3 36.5#

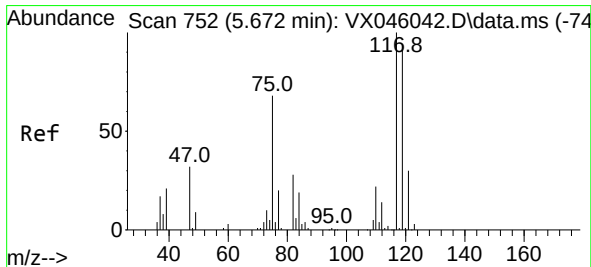
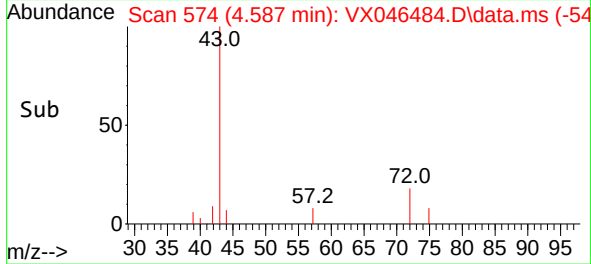
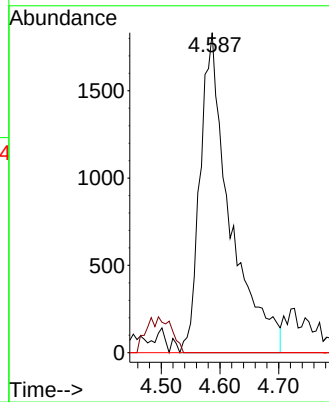
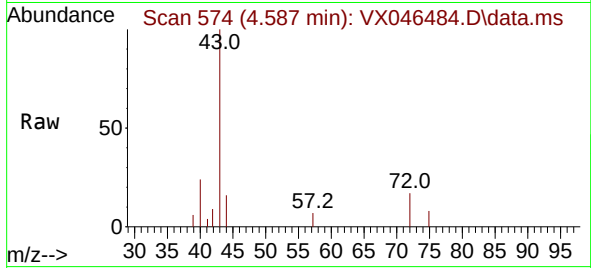




#37
Ethyl Acetate
Concen: 3.855 ug/l
RT: 4.587 min Scan# 51
Delta R.T. -0.128 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

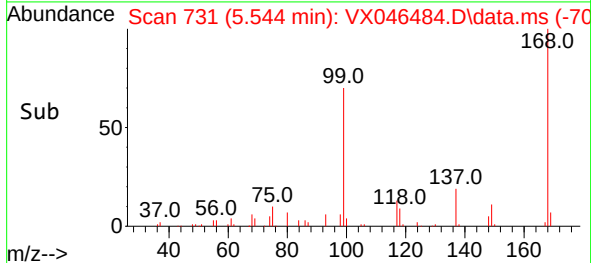
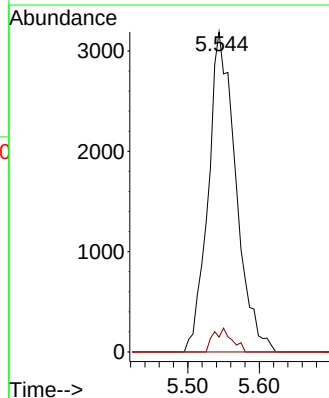
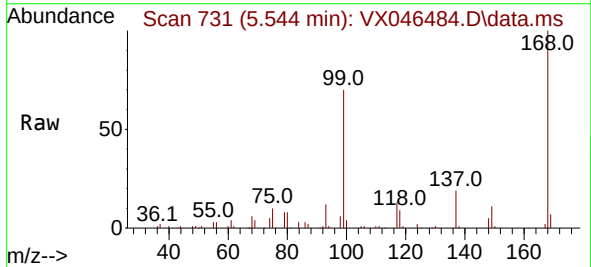
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

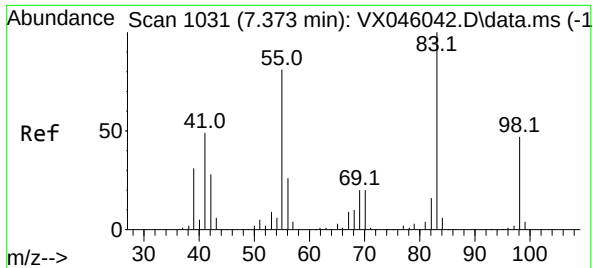
Tgt Ion: 43 Resp: 6473
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 117 Resp: 8572
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 24.2 36.4#





#39

Methylcyclohexane

Concen: 2.984 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

Instrument :

MSVOA_X

ClientSampleId :

303-PPR-1

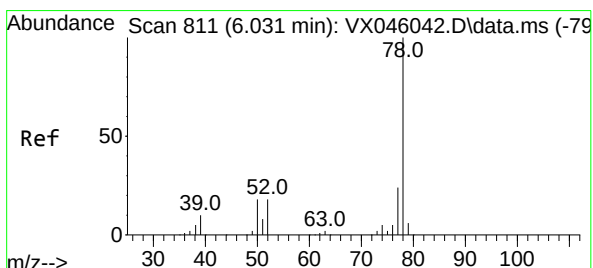
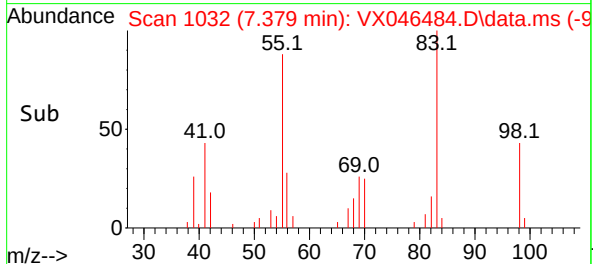
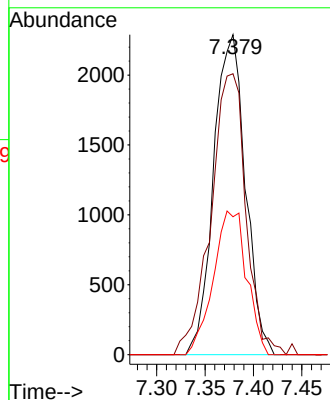
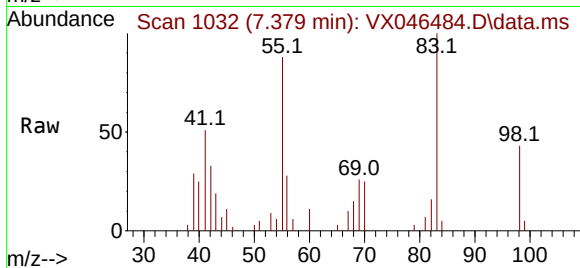
Tgt Ion: 83 Resp: 5220

Ion Ratio Lower Upper

83 100

55 85.5 64.7 97.1

98 43.1 37.4 56.2



#40

Benzene

Concen: 5.903 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX046484.D

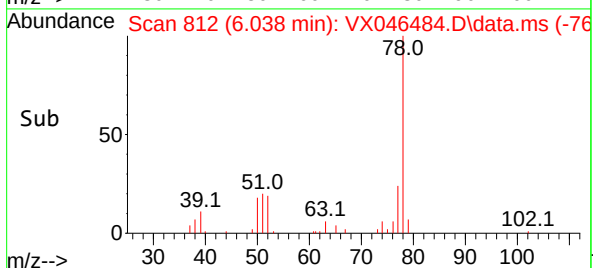
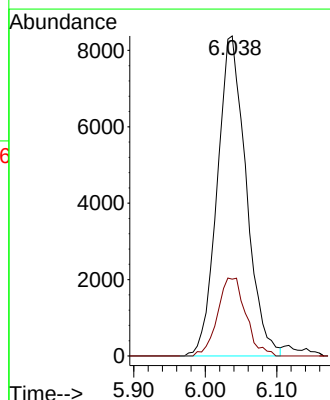
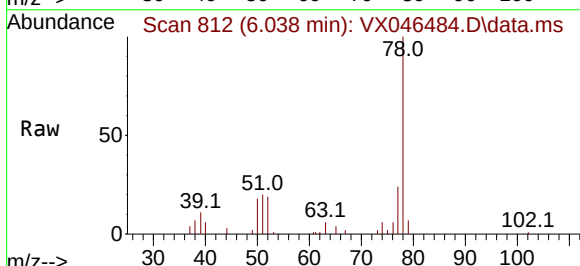
Acq: 03 Jun 2025 19:38

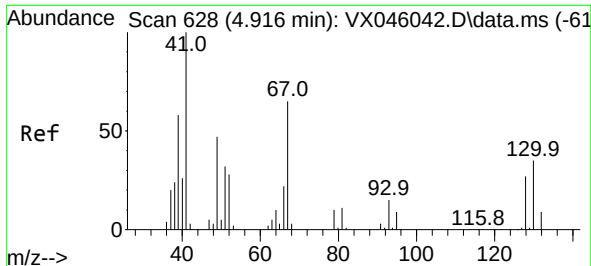
Tgt Ion: 78 Resp: 23497

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



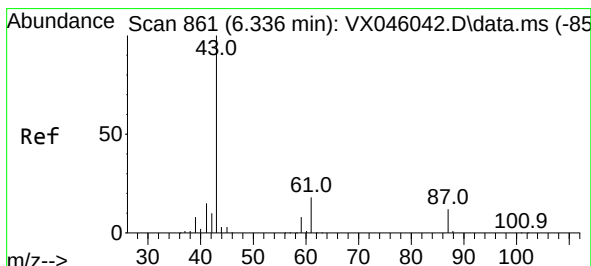
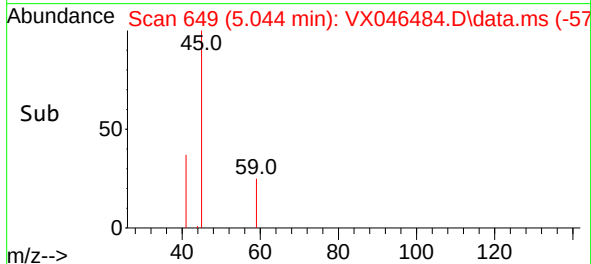
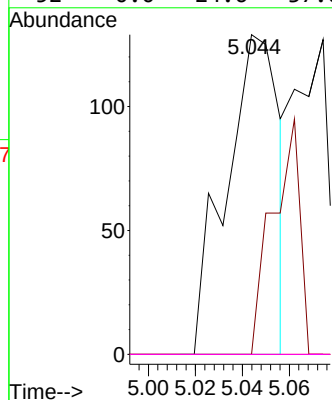
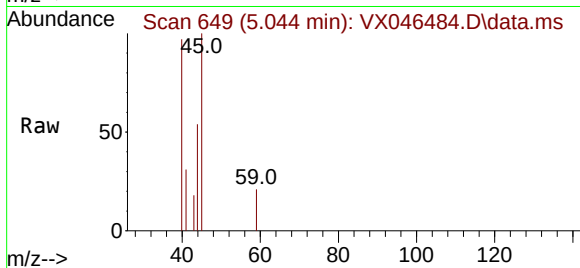


#41
Methacrylonitrile
Concen: 0.231 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.128 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

Tgt Ion: 41 Resp: 203

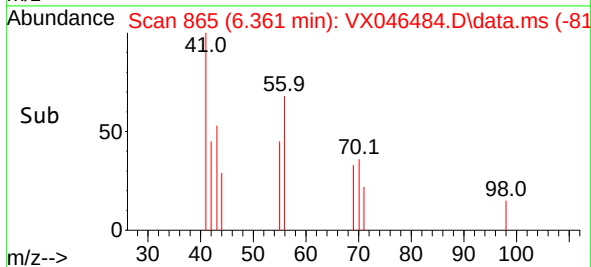
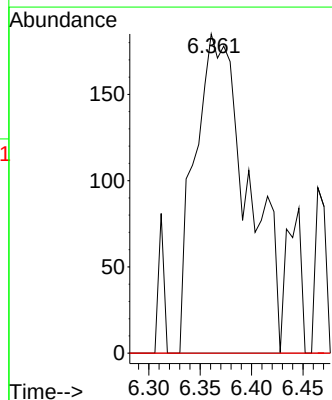
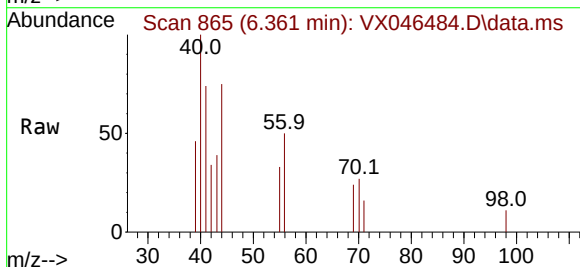
Ion	Ratio	Lower	Upper
41	100		
39	37.4	47.2	70.8#
67	0.0	50.7	76.1#
52	0.0	24.6	37.0#

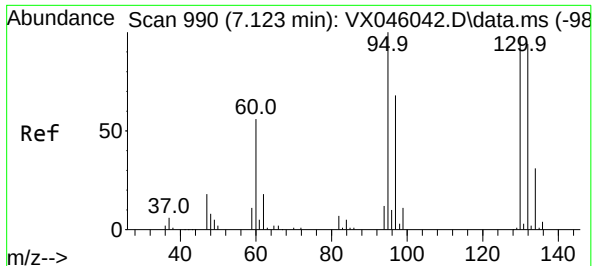


#43
Isopropyl Acetate
Concen: 0.260 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.024 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 43 Resp: 665

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.3	21.5#
87	0.0	9.5	14.3#

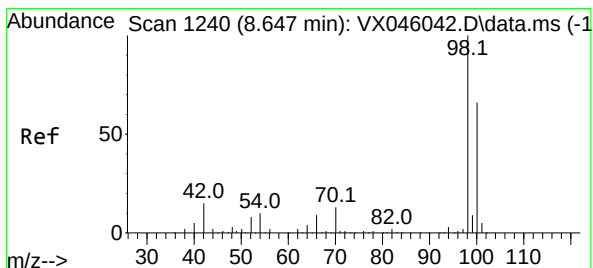
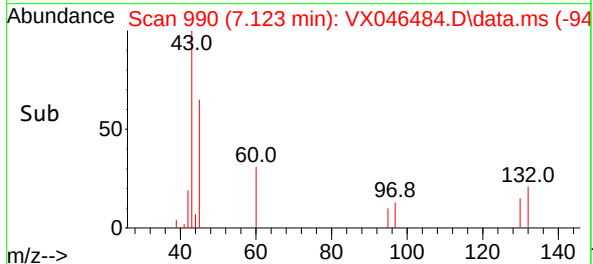
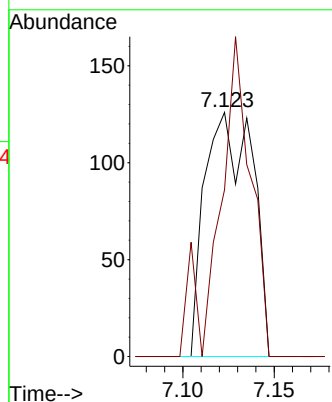
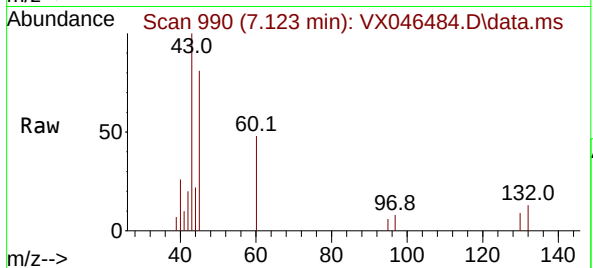




#44
Trichloroethene
Concen: 0.238 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

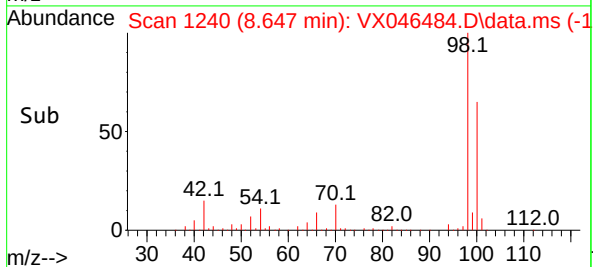
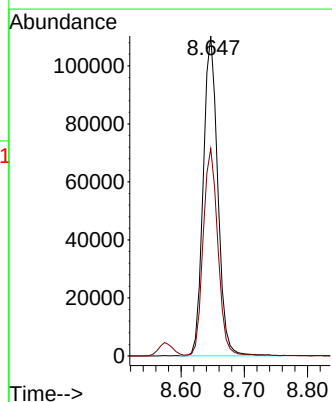
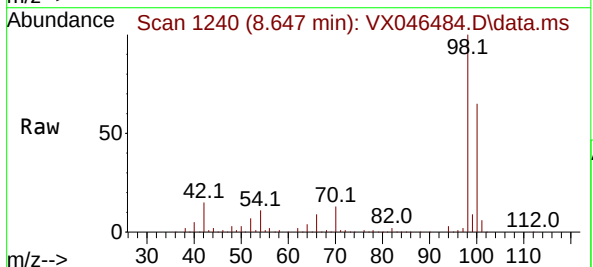
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

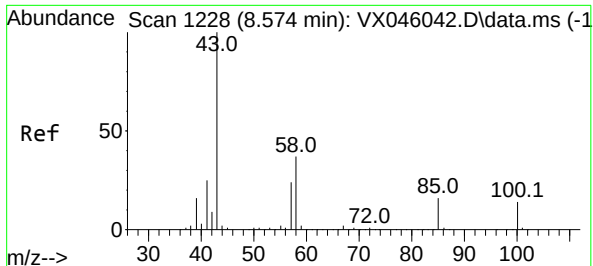
Tgt Ion:130 Resp: 228
Ion Ratio Lower Upper
130 100
95 68.3 0.0 204.2



#50
Toluene-d8
Concen: 50.300 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 98 Resp: 176085
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

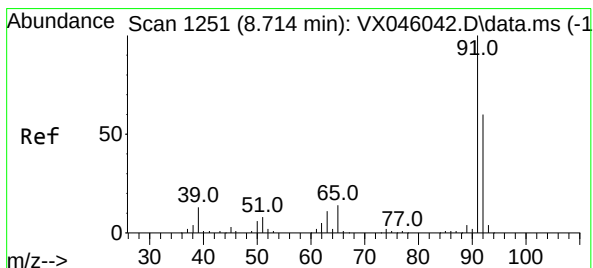
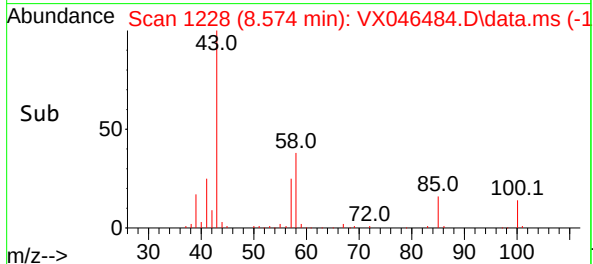
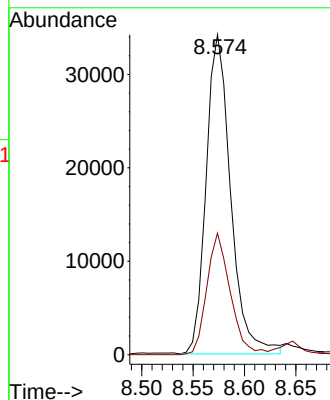
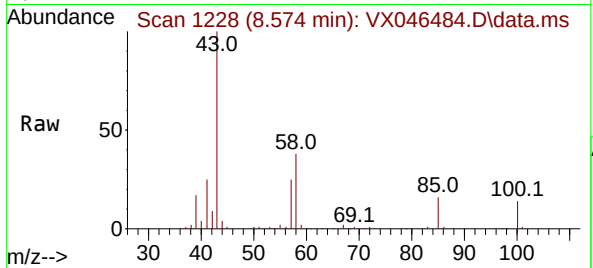




#51
4-Methyl-2-Pentanone
Concen: 33.399 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

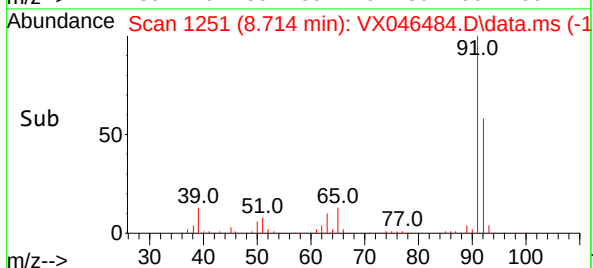
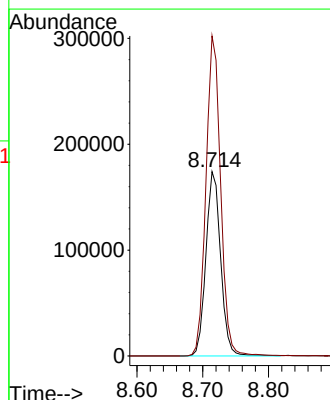
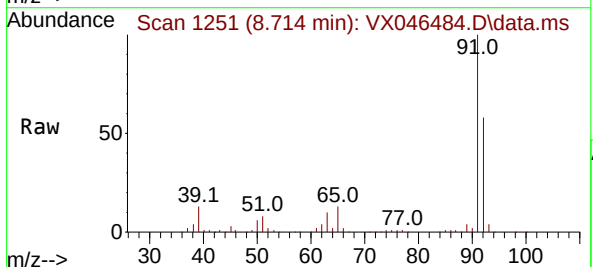
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

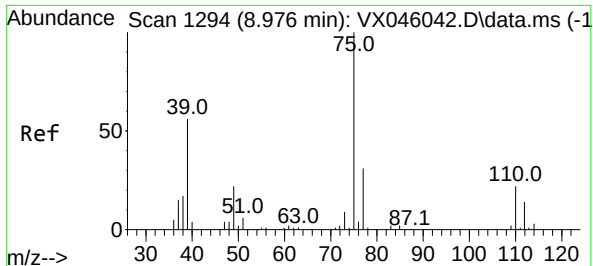
Tgt Ion: 43 Resp: 56787
Ion Ratio Lower Upper
43 100
58 36.3 28.9 43.3



#52
Toluene
Concen: 111.420 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 92 Resp: 271954
Ion Ratio Lower Upper
92 100
91 173.0 136.6 205.0

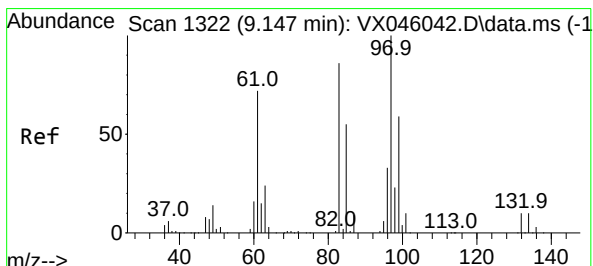
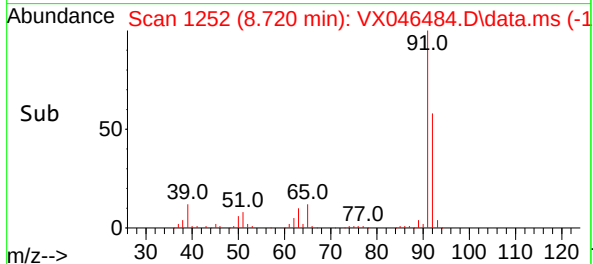
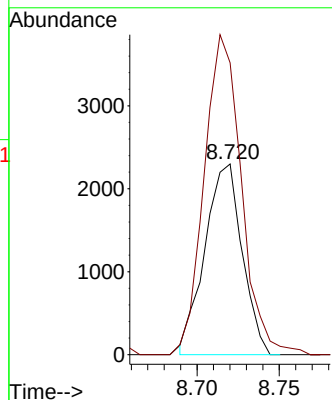
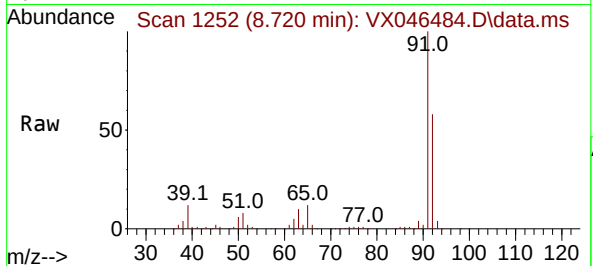




#53
t-1,3-Dichloropropene
Concen: 2.651 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

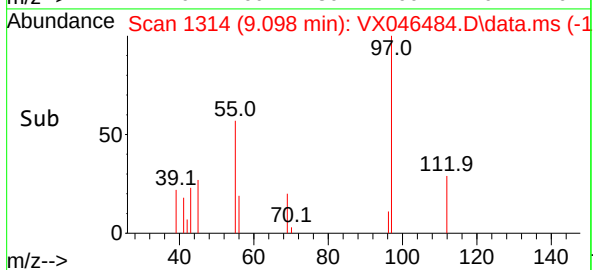
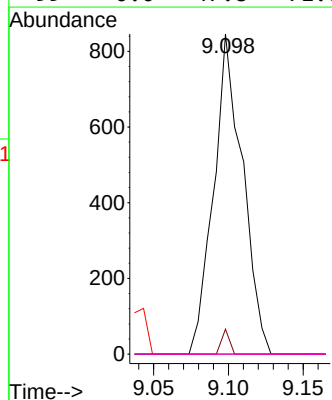
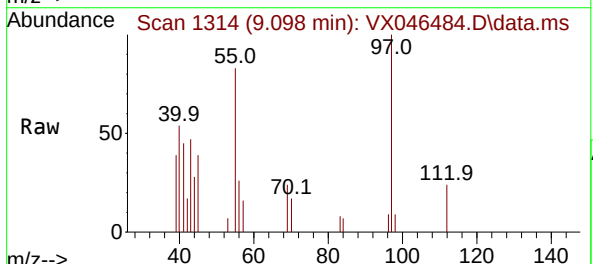
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

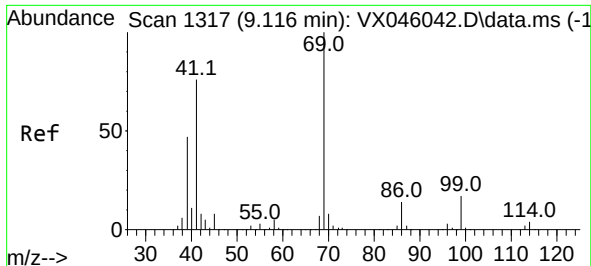
Tgt Ion: 75 Resp: 3623
Ion Ratio Lower Upper
75 100
77 148.7 25.0 37.6#



#55
1,1,2-Trichloroethane
Concen: 1.183 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.049 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 97 Resp: 1139
Ion Ratio Lower Upper
97 100
83 7.8 69.0 103.6#
85 0.0 44.3 66.5#
99 0.0 47.8 71.6#

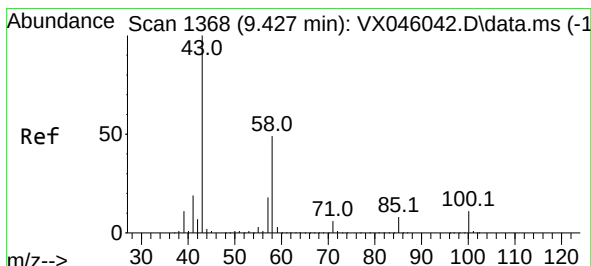
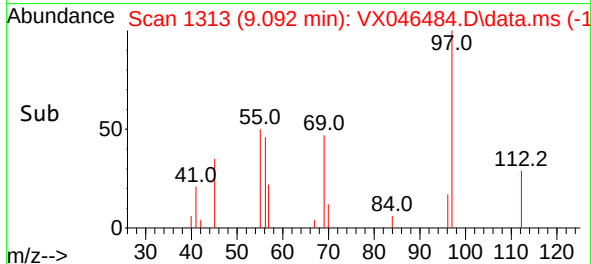
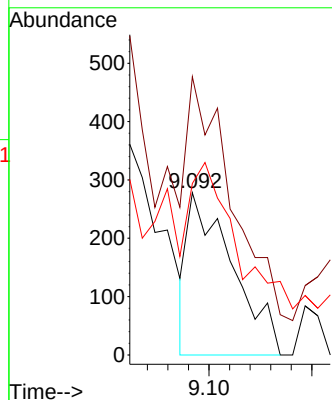
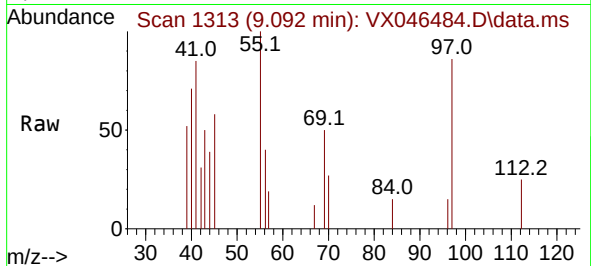




#56
Ethyl methacrylate
Concen: 0.273 ug/l
RT: 9.092 min Scan# 1313
Delta R.T. -0.024 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

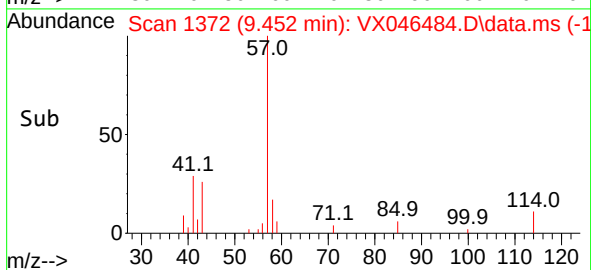
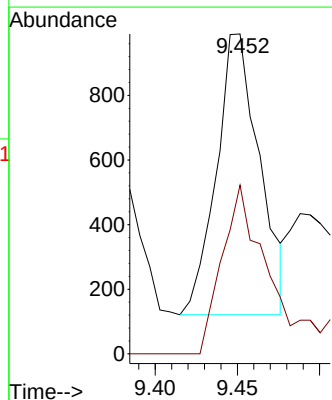
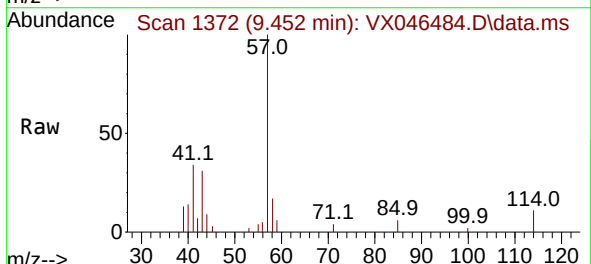
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

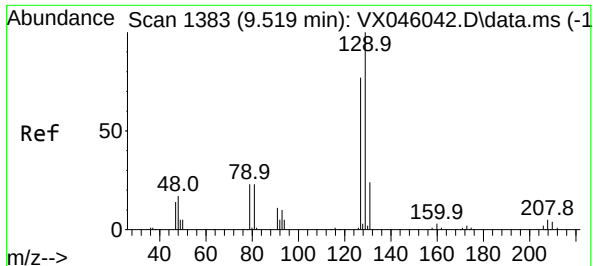
Tgt Ion: 69 Resp: 418
Ion Ratio Lower Upper
69 100
41 146.4 60.8 91.2#
39 100.2 39.0 58.6#



#59
2-Hexanone
Concen: 1.265 ug/l
RT: 9.452 min Scan# 1372
Delta R.T. 0.024 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 64.3 24.9 74.6

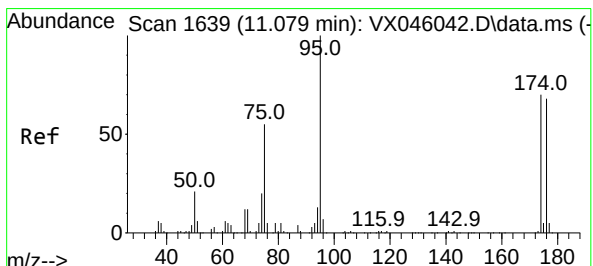
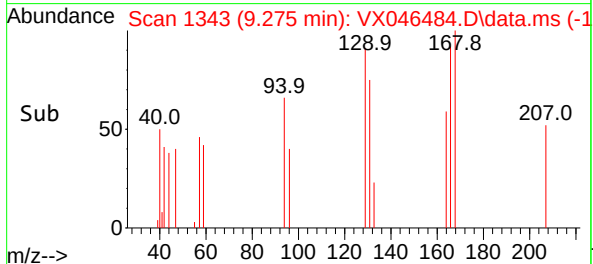
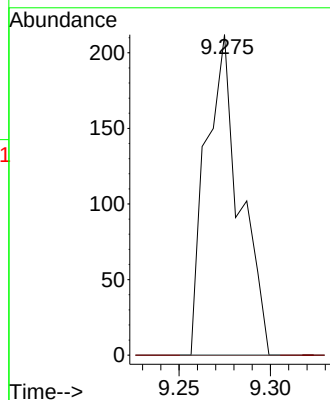
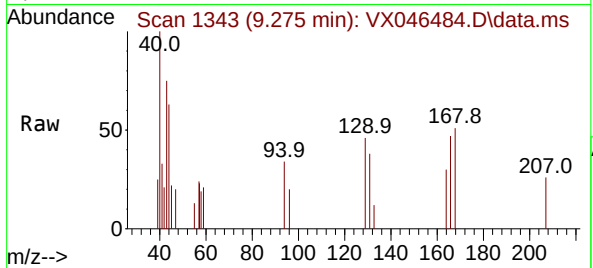




#60
Dibromochloromethane
Concen: 0.259 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

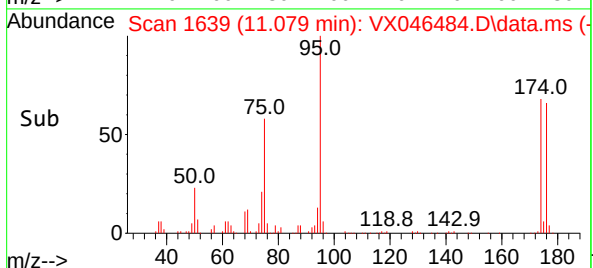
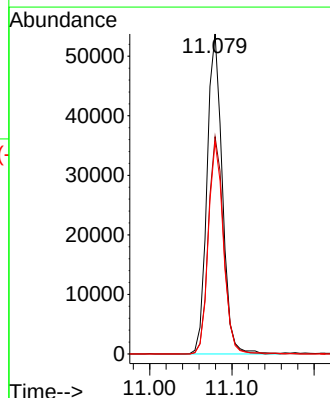
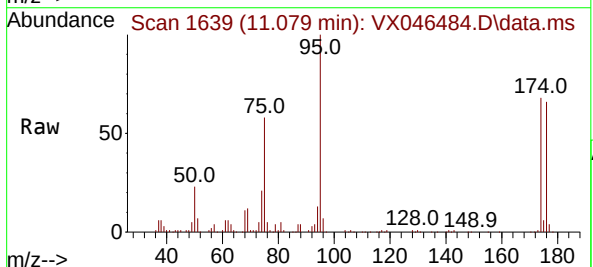
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

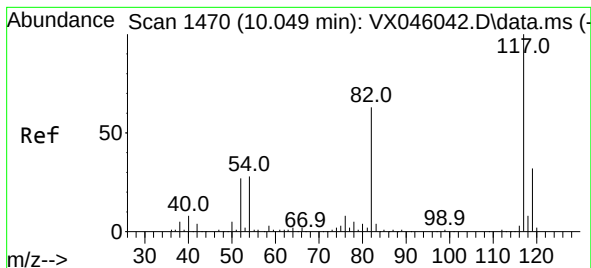
Tgt Ion:129 Resp: 274
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 51.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 95 Resp: 69272
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 65.3 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

Instrument :

MSVOA_X

ClientSampleId :

303-PPR-1

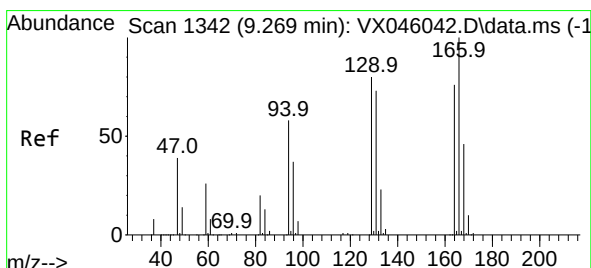
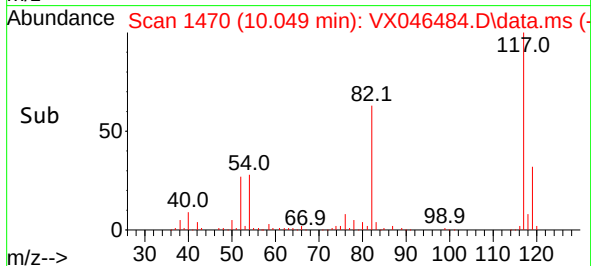
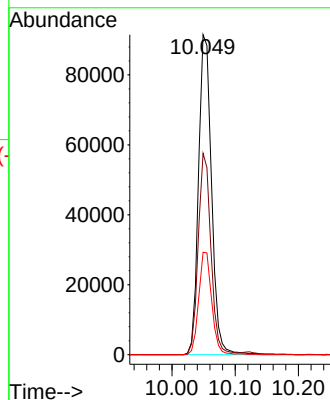
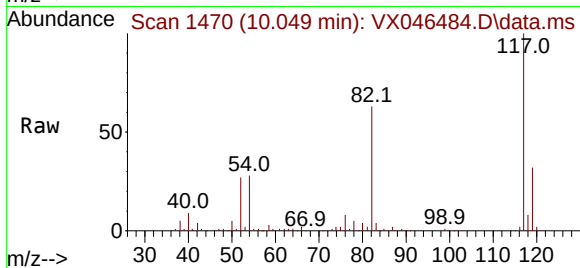
Tgt Ion:117 Resp: 131598

Ion Ratio Lower Upper

117 100

82 62.9 50.6 76.0

119 32.0 25.8 38.6



#64

Tetrachloroethene

Concen: 0.262 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

Tgt Ion:164 Resp: 244

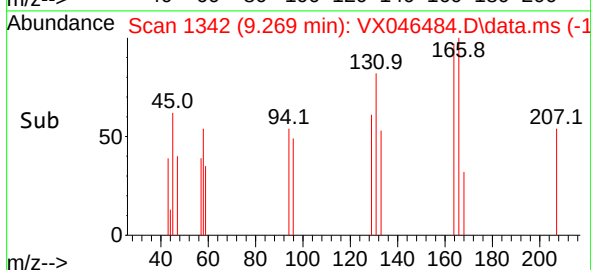
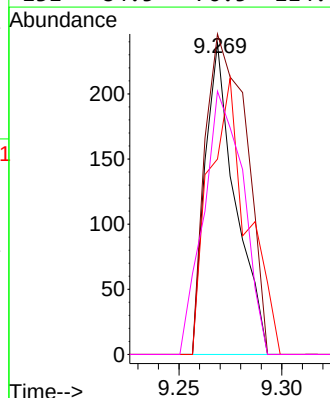
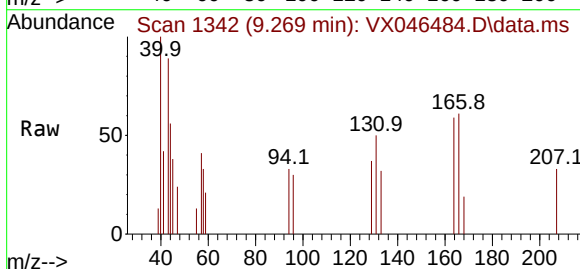
Ion Ratio Lower Upper

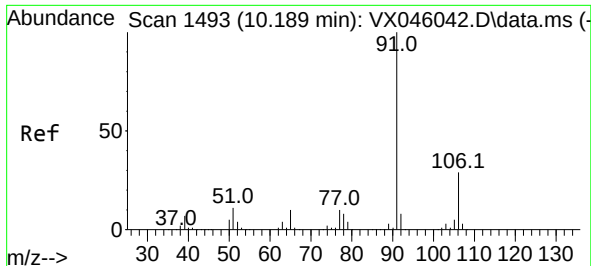
164 100

166 102.9 105.0 157.6#

129 62.8 83.5 125.3#

131 84.5 76.5 114.7

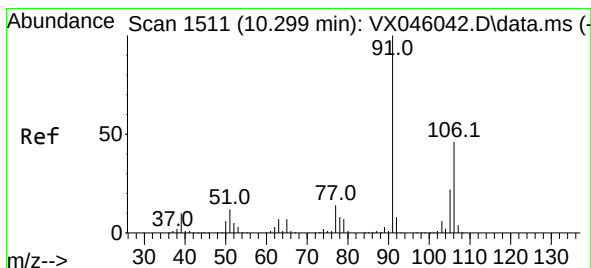
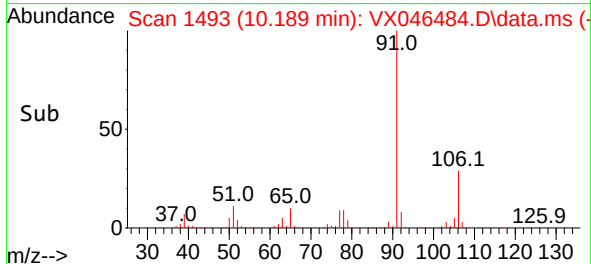
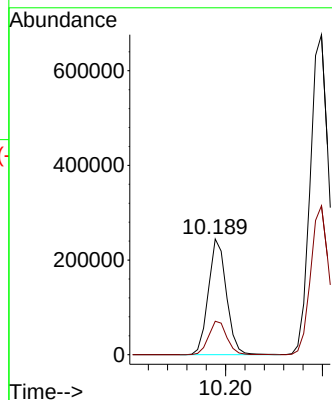
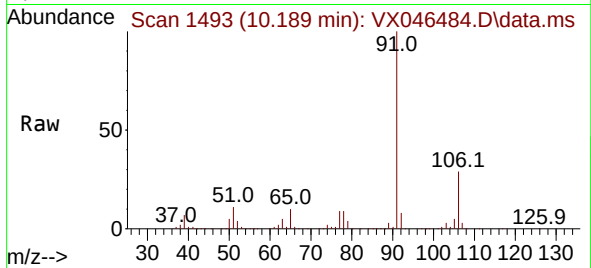




#67
Ethyl Benzene
Concen: 62.492 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

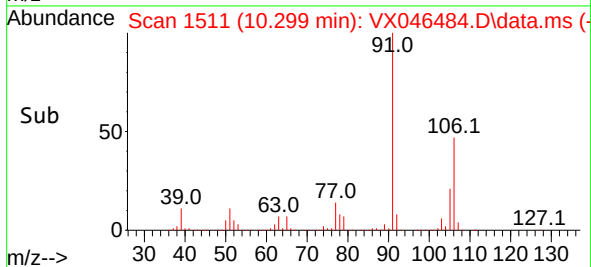
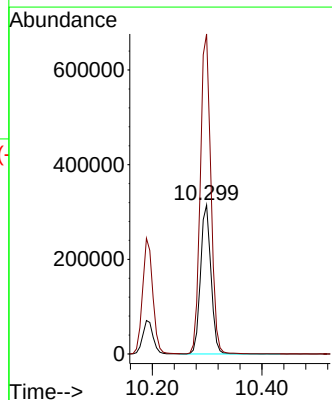
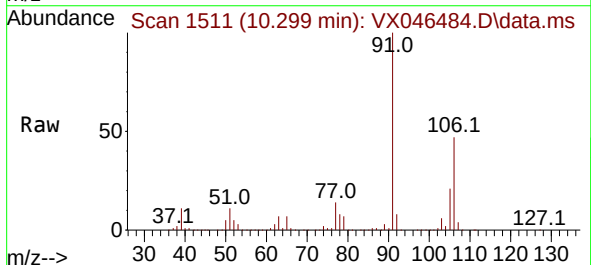
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

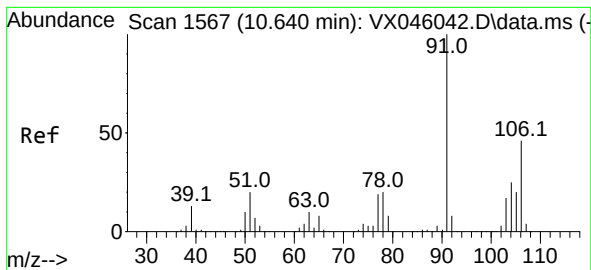
Tgt Ion: 91 Resp: 317292
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.2



#68
m/p-Xylenes
Concen: 224.620 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 106 Resp: 417116
Ion Ratio Lower Upper
106 100
91 218.0 171.2 256.8





#69

o-Xylene

Concen: 131.969 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

Instrument :

MSVOA_X

ClientSampleId :

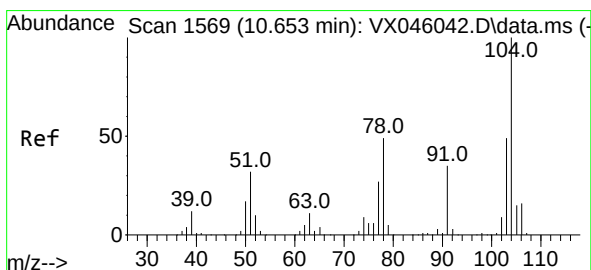
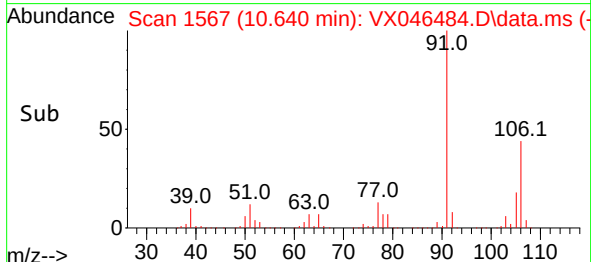
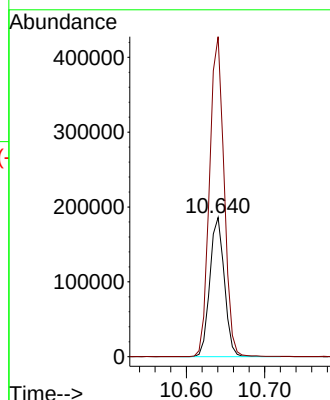
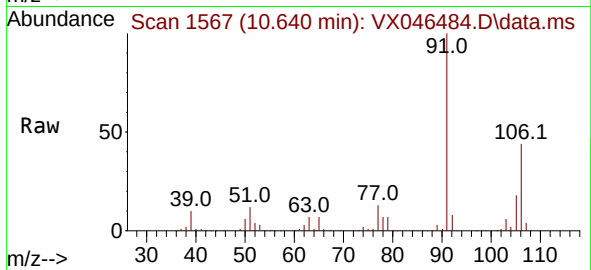
303-PPR-1

Tgt Ion:106 Resp: 238913

Ion Ratio Lower Upper

106 100

91 230.3 112.7 338.1



#70

Styrene

Concen: 5.877 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

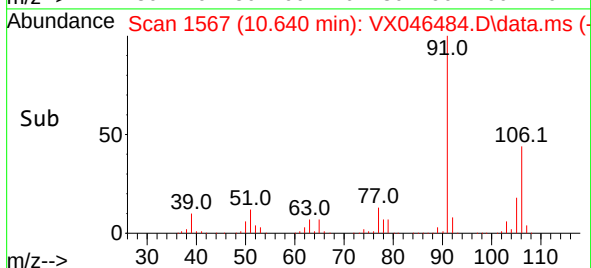
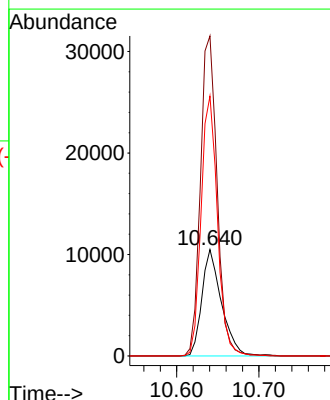
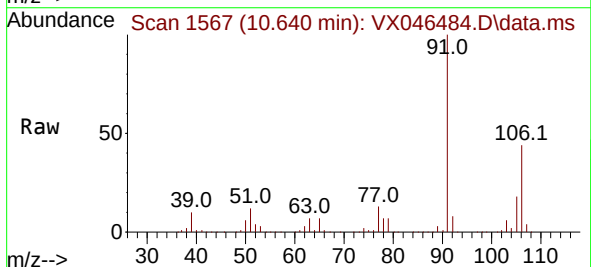
Tgt Ion:104 Resp: 17428

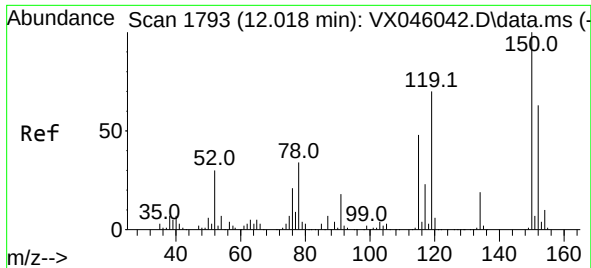
Ion Ratio Lower Upper

104 100

78 255.0 45.7 68.5#

103 203.3 43.7 65.5#

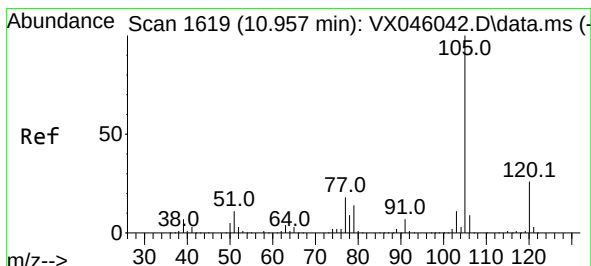
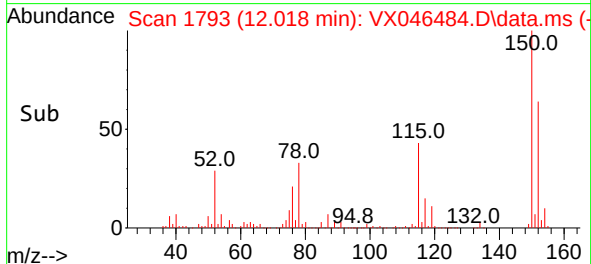
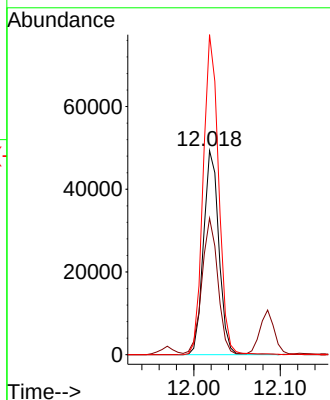
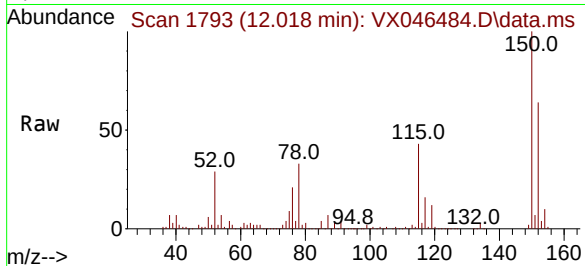




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046484.D
 Acq: 03 Jun 2025 19:38

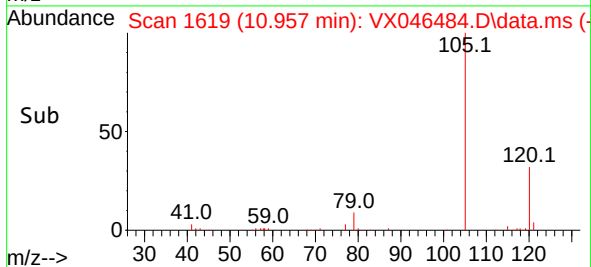
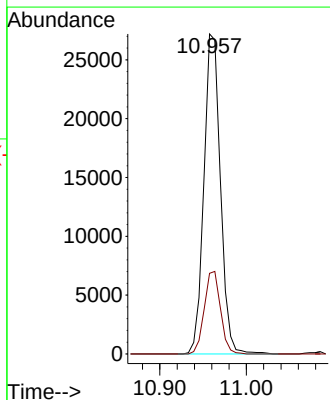
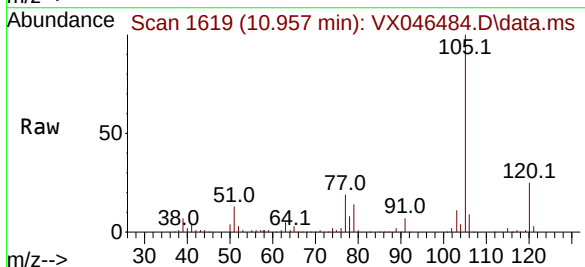
Instrument :
 MSVOA_X
 ClientSampleId :
 303-PPR-1

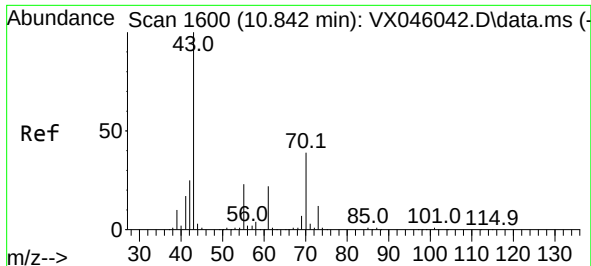
Tgt Ion:152 Resp: 60898
 Ion Ratio Lower Upper
 152 100
 115 68.5 46.9 140.7
 150 157.3 0.0 351.0



#73
 Isopropylbenzene
 Concen: 7.608 ug/l
 RT: 10.957 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VX046484.D
 Acq: 03 Jun 2025 19:38

Tgt Ion:105 Resp: 36070
 Ion Ratio Lower Upper
 105 100
 120 25.3 12.8 38.4

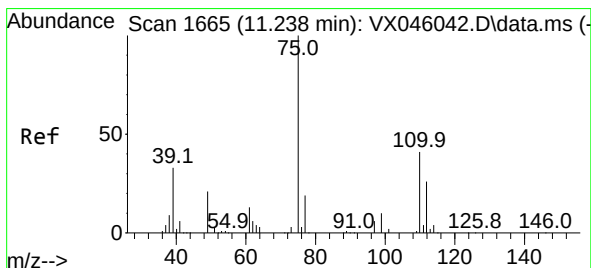
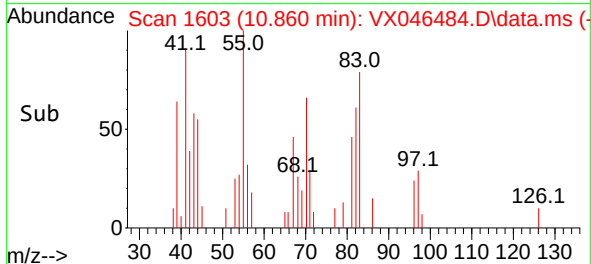
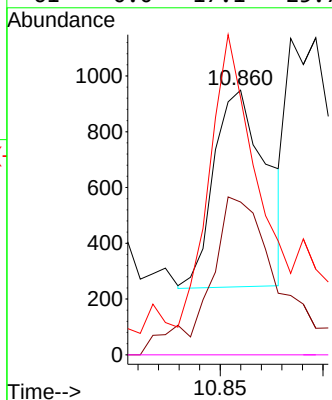
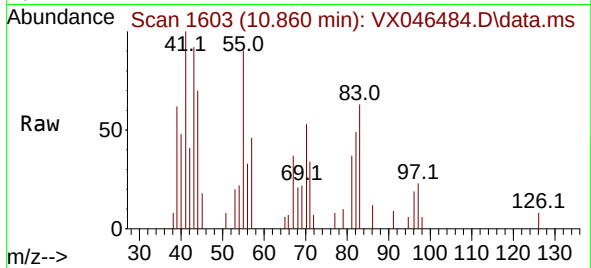




#74
N-amy1 acetate
Concen: 0.533 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

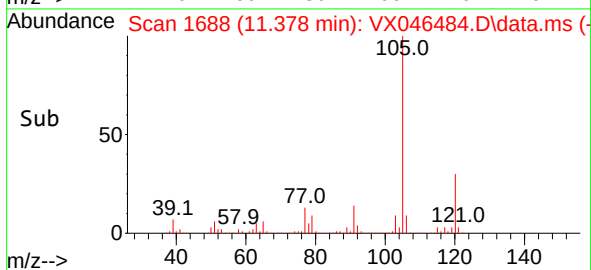
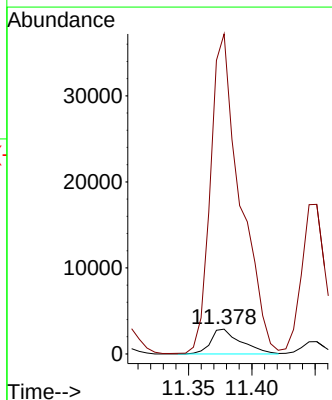
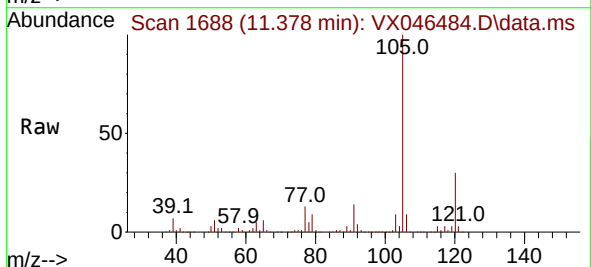
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

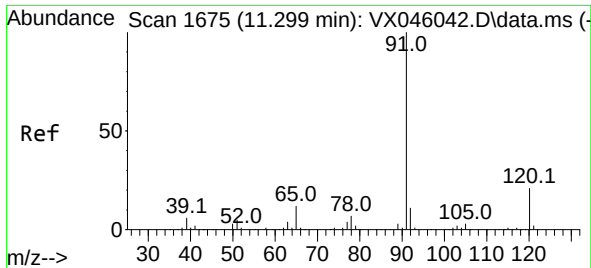
Tgt Ion: 43	Resp:	1248	
Ion	Ratio	Lower	Upper
43	100		
70	111.9	30.9	46.3#
55	177.0	18.7	28.1#
61	0.0	17.1	25.7#



#76
1,2,3-Trichloropropane
Concen: 3.257 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.140 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 75	Resp:	4774	
Ion	Ratio	Lower	Upper
75	100		
77	1276.3	20.5	61.5#

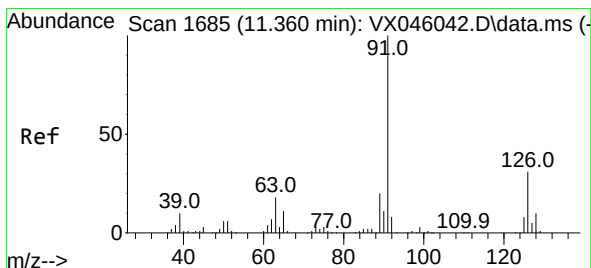
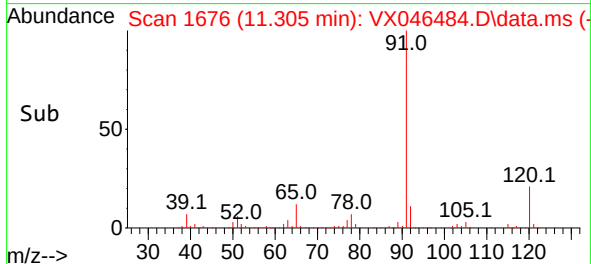
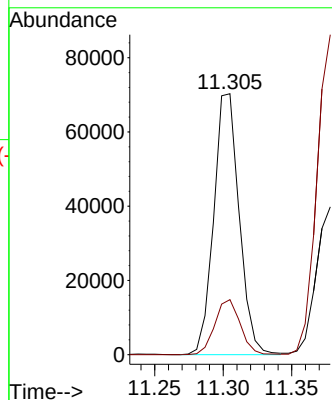
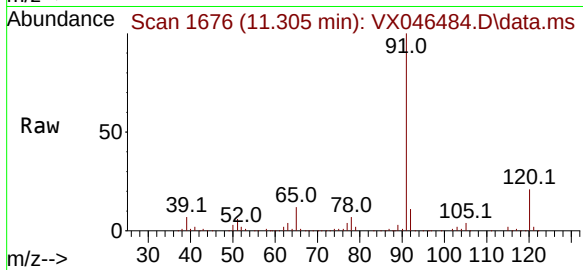




#78
n-propylbenzene
Concen: 16.493 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

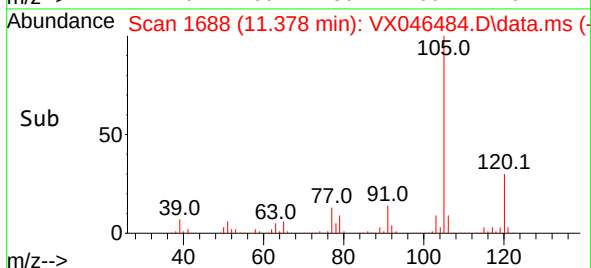
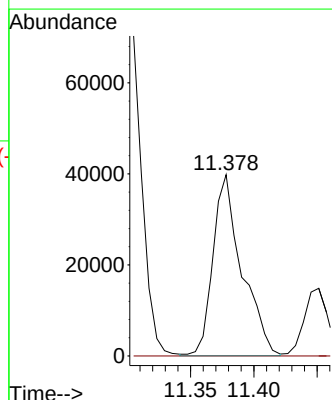
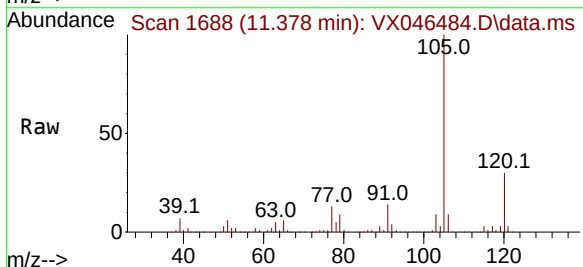
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

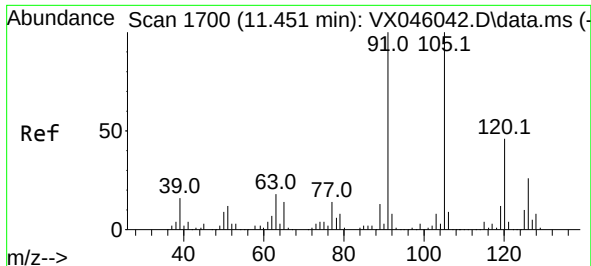
Tgt Ion: 91 Resp: 90919
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4



#79
2-Chlorotoluene
Concen: 17.779 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 91 Resp: 63218
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#

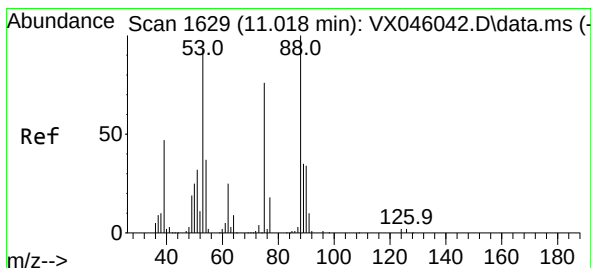
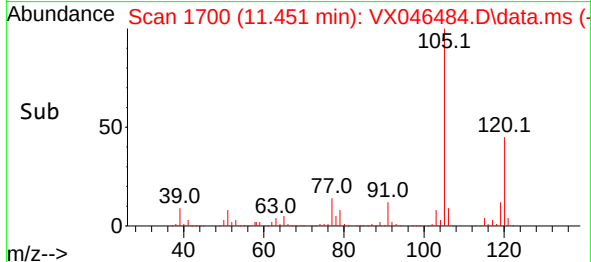
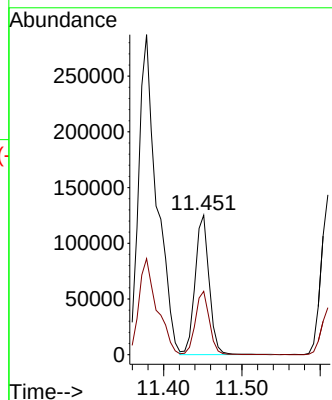
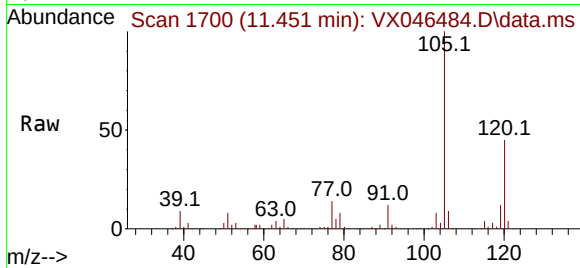




#80
1,3,5-Trimethylbenzene
Concen: 39.431 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

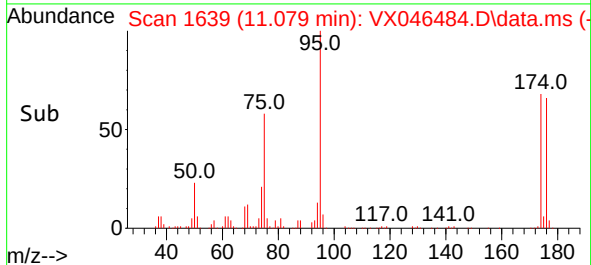
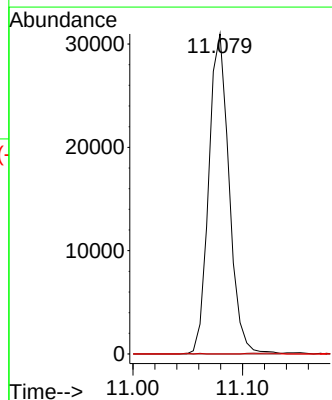
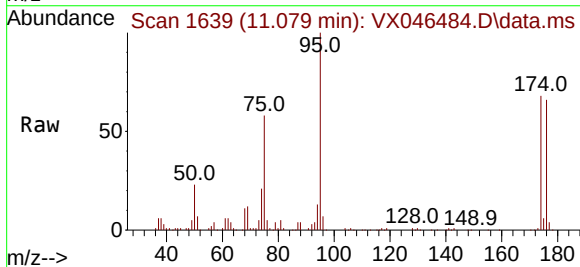
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

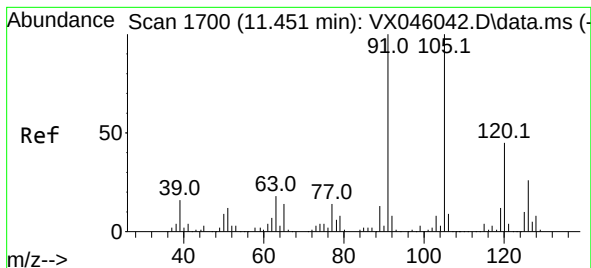
Tgt Ion:105 Resp: 156180
Ion Ratio Lower Upper
105 100
120 45.3 23.1 69.2



#81
trans-1,4-Dichloro-2-butene
Concen: 88.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 75 Resp: 39922
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

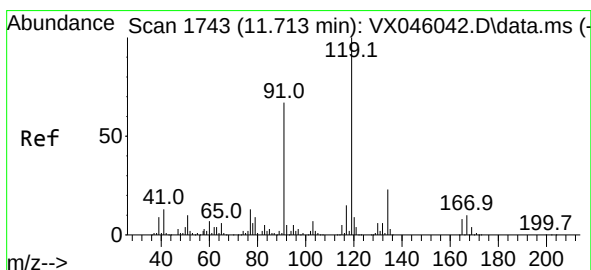
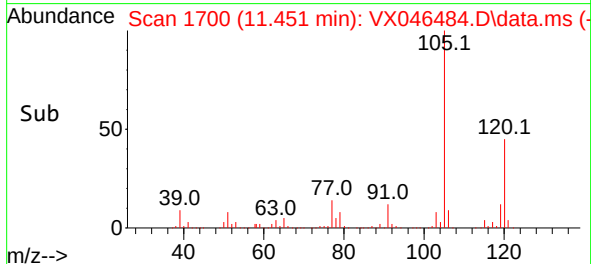
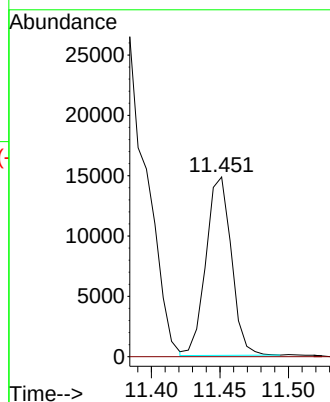
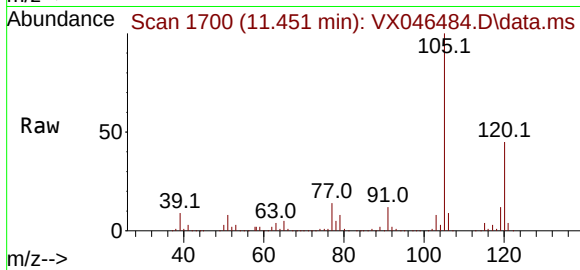




#82
4-Chlorotoluene
Concen: 4.839 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

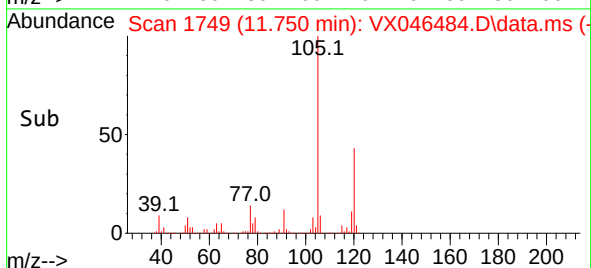
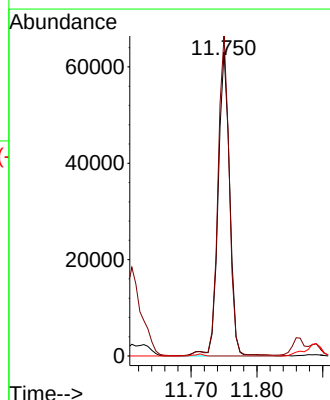
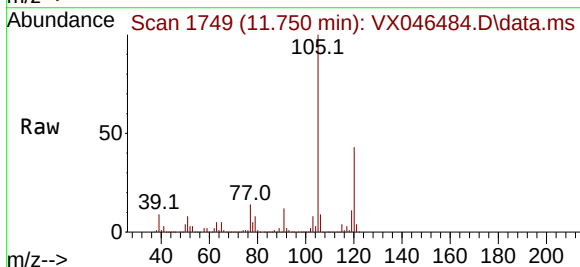
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

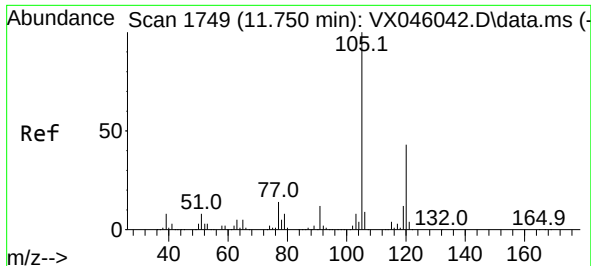
Tgt Ion: 91 Resp: 19082
Ion Ratio Lower Upper
91 100
126 0.0 13.3 39.8#



#83
tert-Butylbenzene
Concen: 19.299 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.037 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion: 119 Resp: 76997
Ion Ratio Lower Upper
119 100
91 103.0 32.9 98.7#
134 0.0 11.4 34.1#

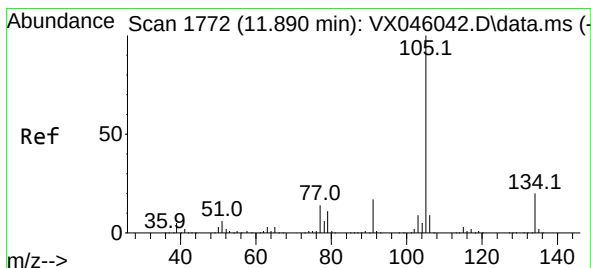
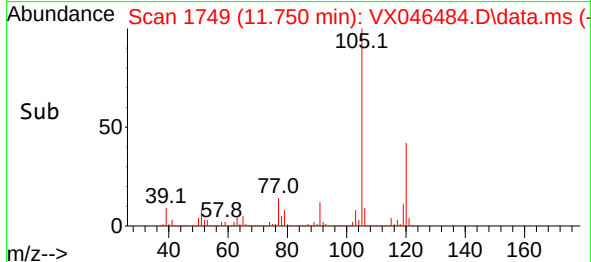
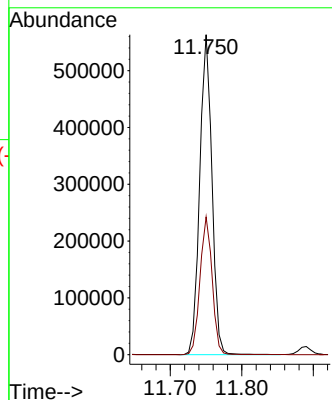
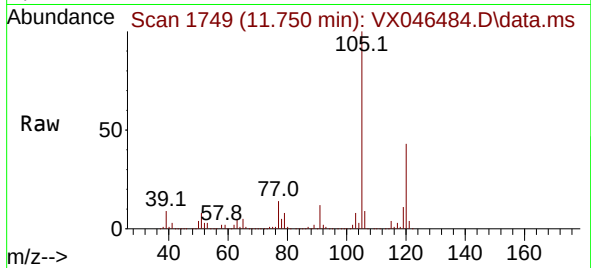




#84
1,2,4-Trimethylbenzene
Concen: 165.696 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

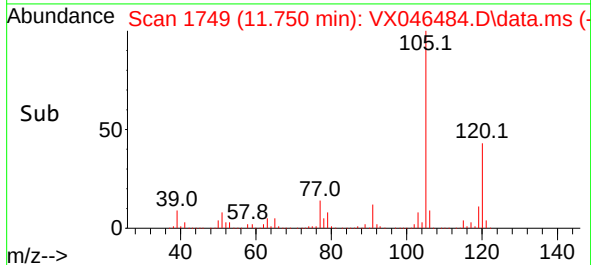
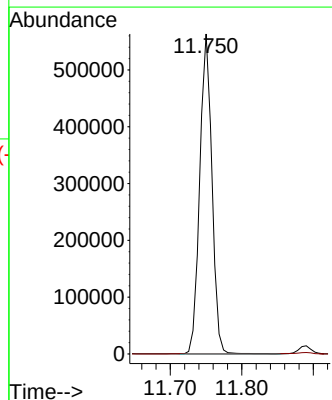
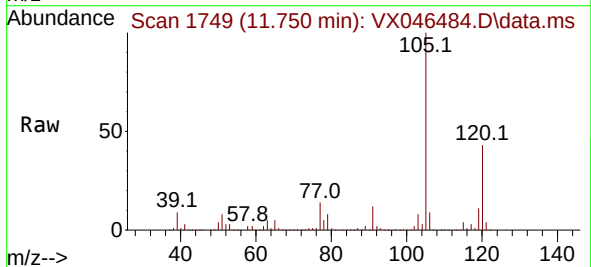
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

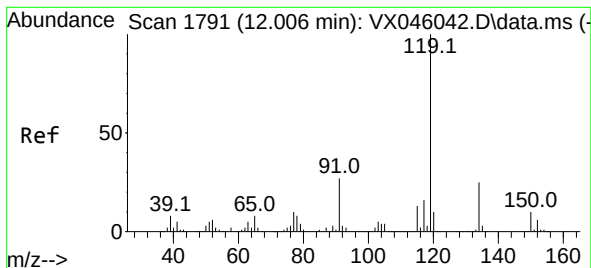
Tgt Ion:105 Resp: 664618
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6



#85
sec-Butylbenzene
Concen: 135.673 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Tgt Ion:105 Resp: 664618
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 8.419 ug/l

RT: 12.006 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

Instrument :

MSVOA_X

ClientSampleId :

303-PPR-1

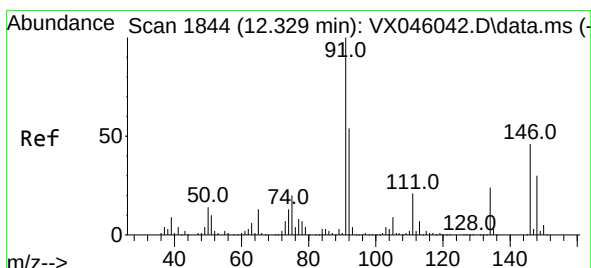
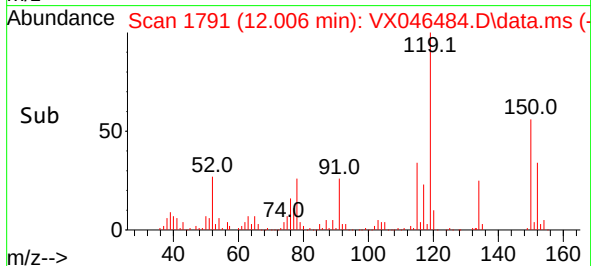
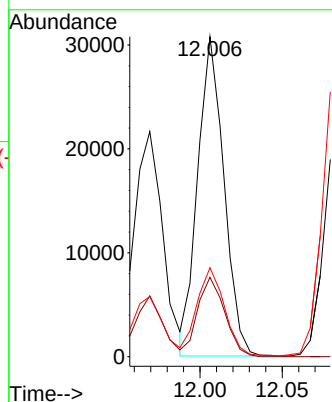
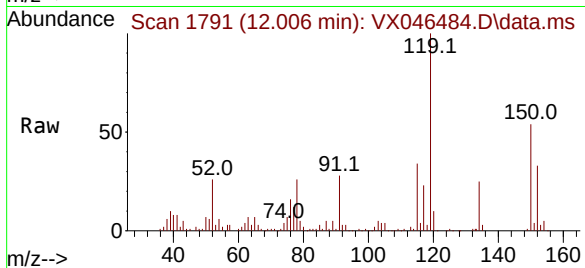
Tgt Ion:119 Resp: 34042

Ion Ratio Lower Upper

119 100

134 25.7 12.5 37.5

91 29.0 13.8 41.4



#89

n-Butylbenzene

Concen: 10.084 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.006 min

Lab File: VX046484.D

Acq: 03 Jun 2025 19:38

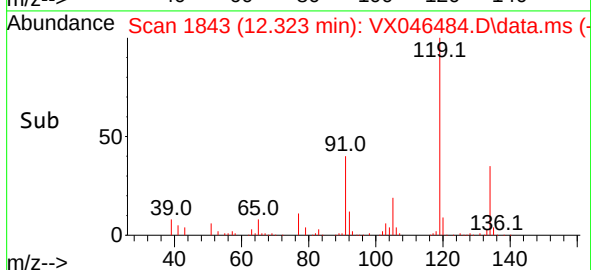
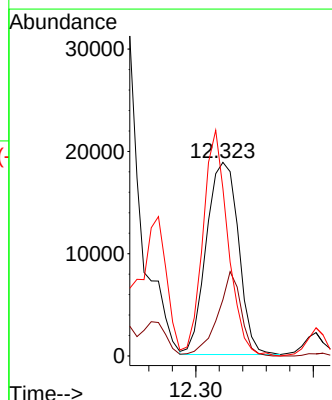
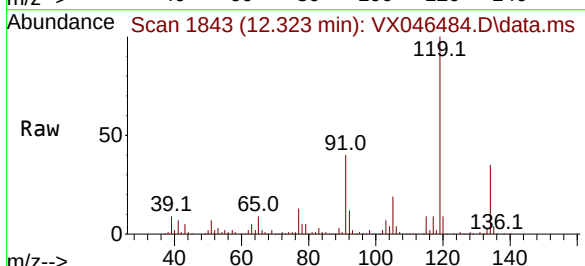
Tgt Ion: 91 Resp: 35767

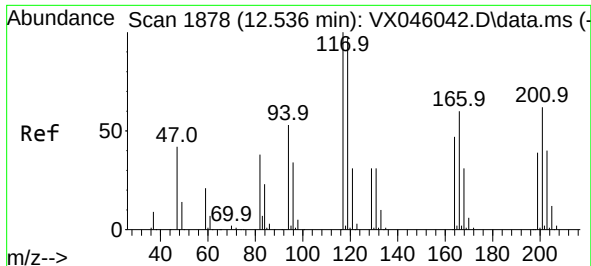
Ion Ratio Lower Upper

91 100

92 32.2 26.9 80.7

134 91.3 11.8 35.3#

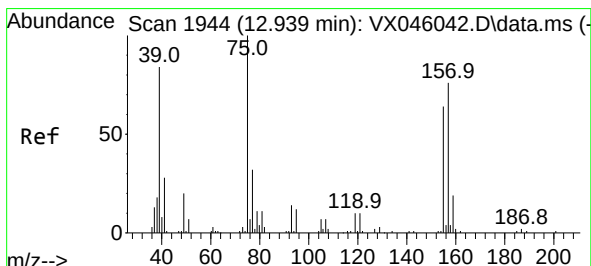
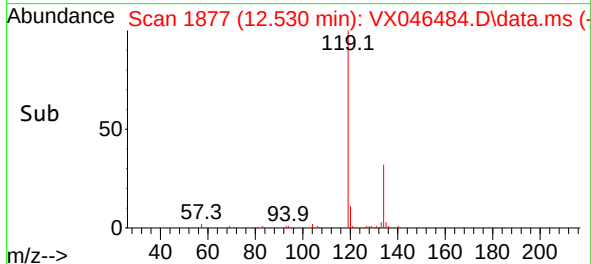
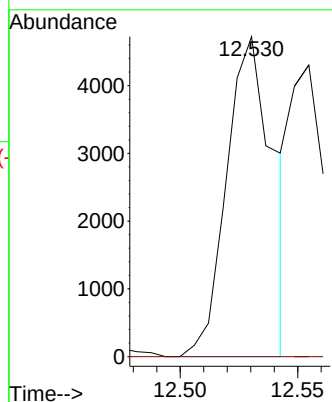
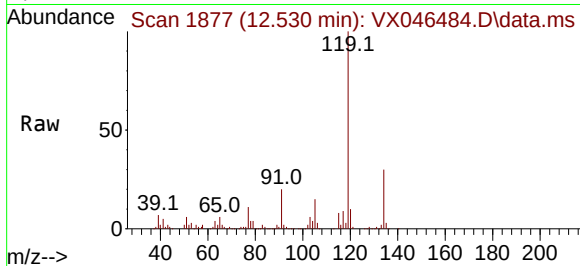




#90
Hexachloroethane
Concen: 9.126 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

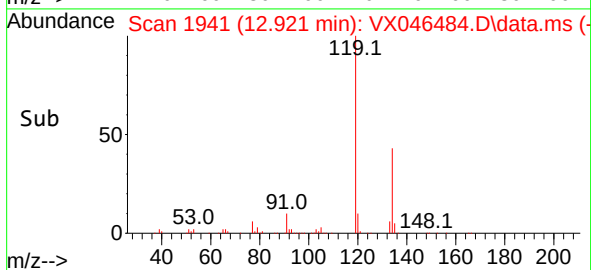
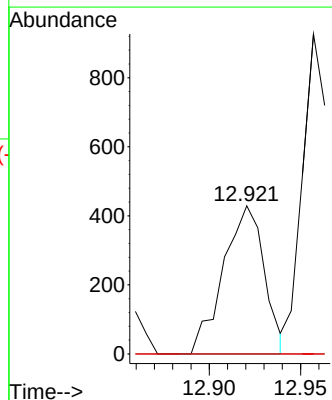
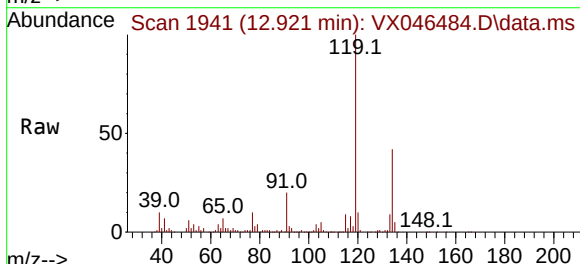
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

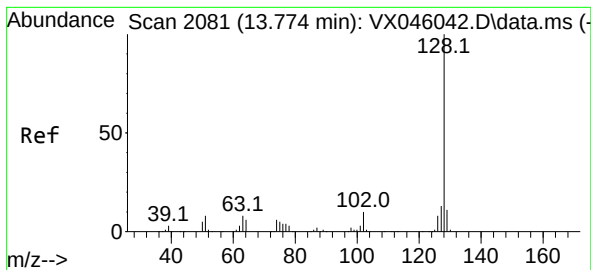
Tgt Ion:117 Resp: 6501
Ion Ratio Lower Upper
117 100
201 0.0 31.6 94.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.818 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

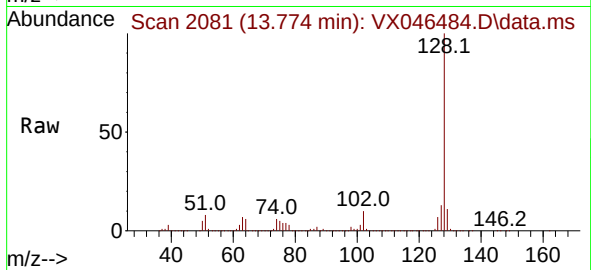
Tgt Ion: 75 Resp: 669
Ion Ratio Lower Upper
75 100
155 0.0 34.9 104.8#
157 0.0 43.8 131.4#





#95
Naphthalene
Concen: 106.874 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046484.D
Acq: 03 Jun 2025 19:38

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1



Tgt Ion:	128	Resp:	453839
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.4	8.6	13.0

