

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045484.D
 Acq On : 27 Mar 2025 17:53
 Operator : JC/MD
 Sample : P167330ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#08

Quant Time: Mar 28 01:36:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

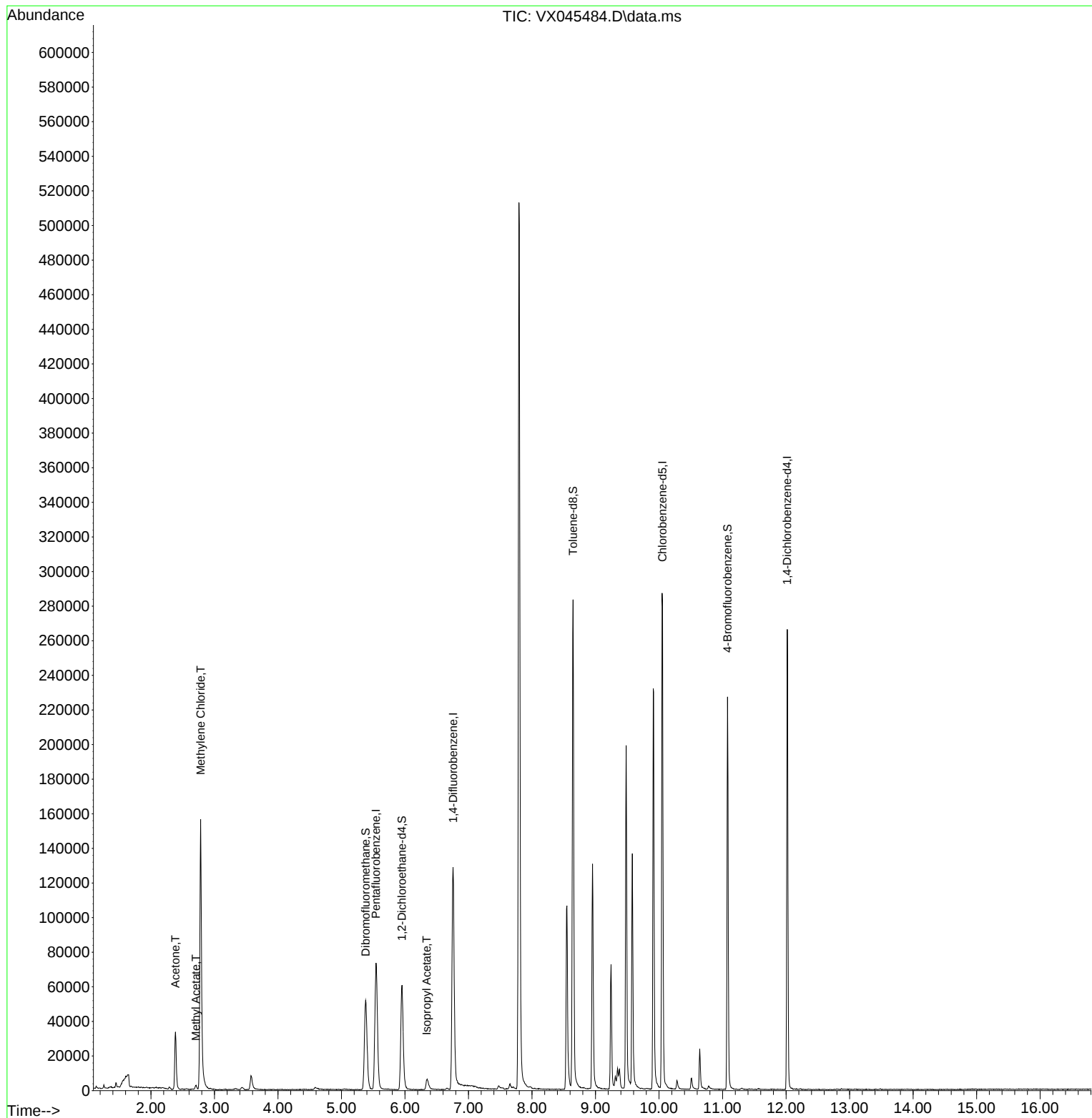
Internal Standards						
1) Pentafluorobenzene	5.544	168	62959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60041	59.954	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 119.900%		
35) Dibromofluoromethane	5.379	113	45849	54.367	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.740%		
50) Toluene-d8	8.647	98	162026	52.996	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.000%		
62) 4-Bromofluorobenzene	11.079	95	58466	57.710	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 115.420%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	37132	79.915	ug/l	94
18) Methyl Acetate	2.709	43	3493	3.125	ug/l #	90
20) Methylene Chloride	2.782	84	69328	75.323	ug/l	98
43) Isopropyl Acetate	6.342	43	9020	4.093	ug/l	99

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

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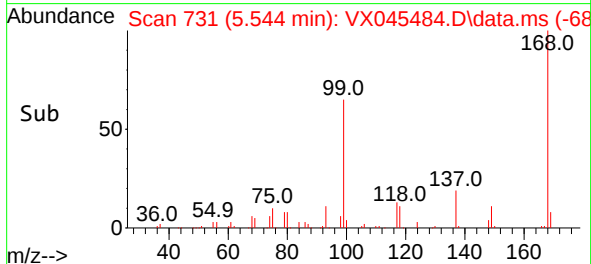
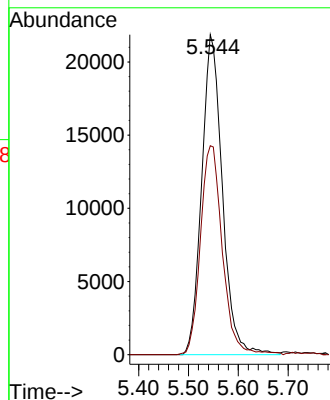
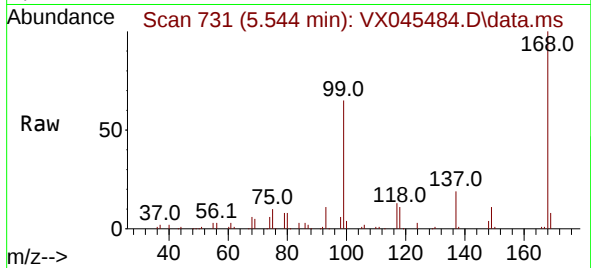




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

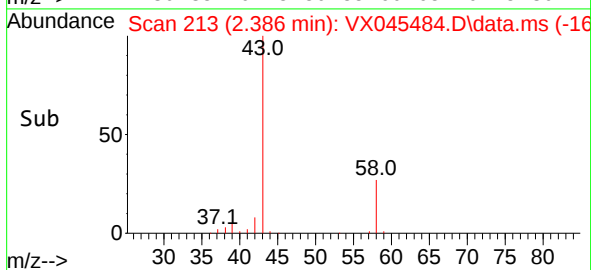
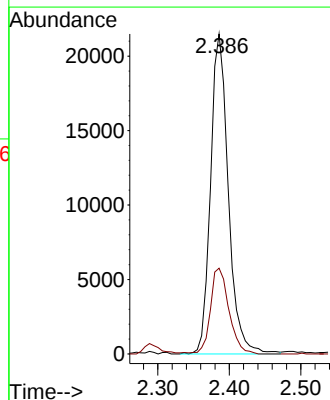
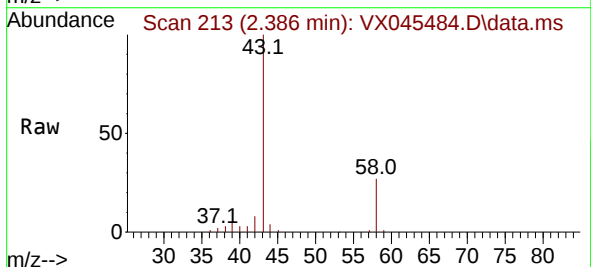
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#08

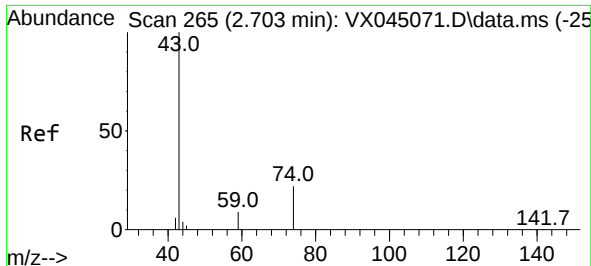
Tgt Ion:168 Resp: 62959
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#16
Acetone
Concen: 79.915 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

Tgt Ion: 43 Resp: 37132
Ion Ratio Lower Upper
43 100
58 26.8 24.2 36.4

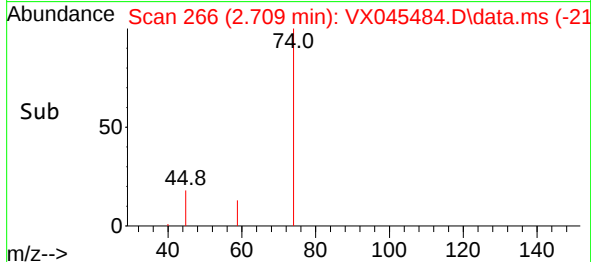
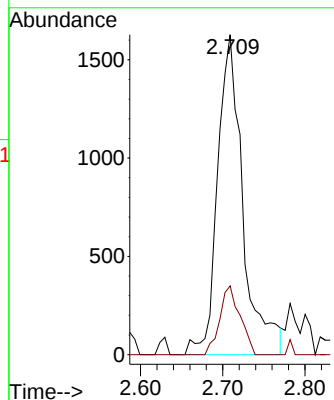
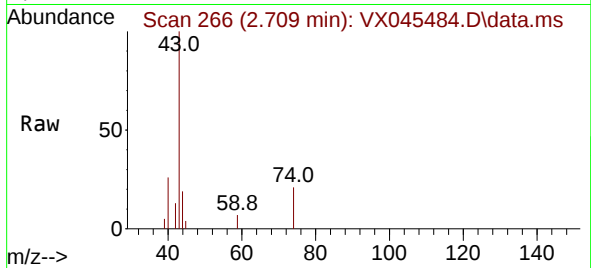




#18
Methyl Acetate
Concen: 3.125 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

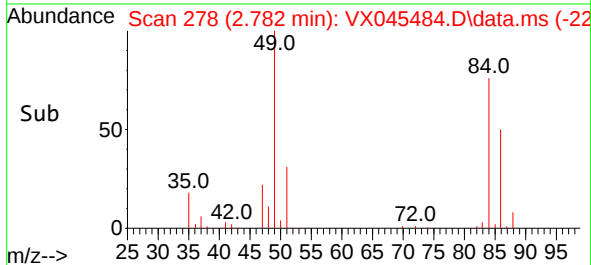
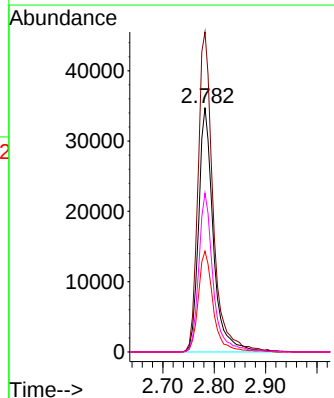
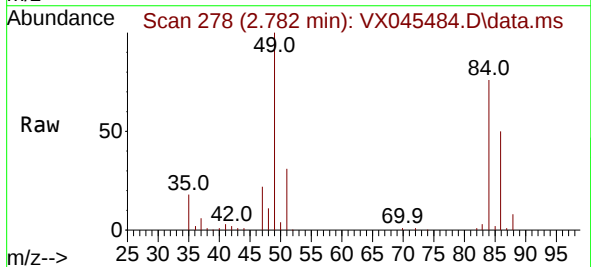
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#08

Tgt Ion: 43 Resp: 3493
Ion Ratio Lower Upper
43 100
74 17.2 17.4 26.2#



#20
Methylene Chloride
Concen: 75.323 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

Tgt Ion: 84 Resp: 69328
Ion Ratio Lower Upper
84 100
49 131.0 106.5 159.7
51 41.2 32.1 48.1
86 65.1 50.0 75.0





#33

1,2-Dichloroethane-d4

Concen: 59.954 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045484.D

Acq: 27 Mar 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

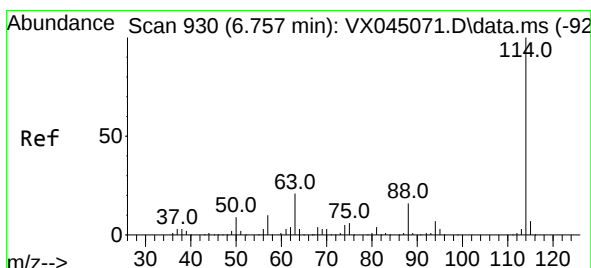
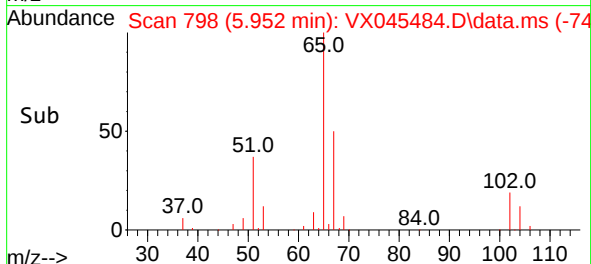
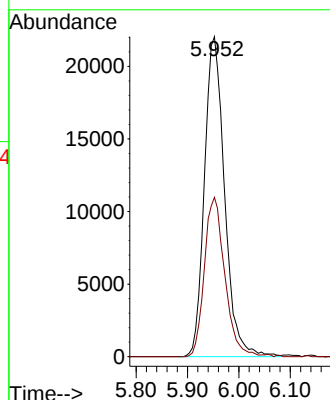
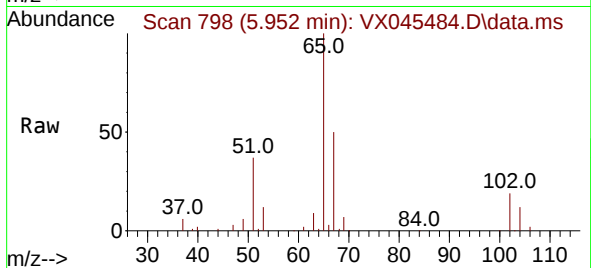
P167330ZHE#08

Tgt Ion: 65 Resp: 60041

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045484.D

Acq: 27 Mar 2025 17:53

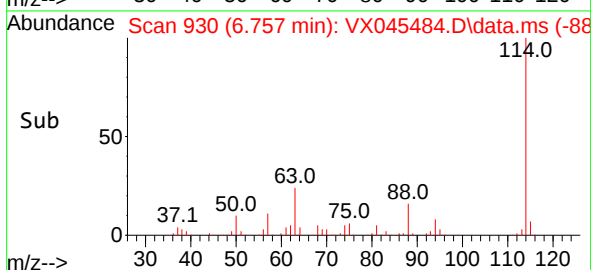
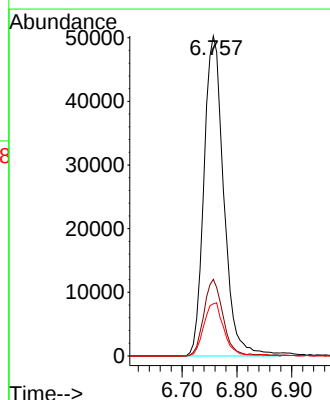
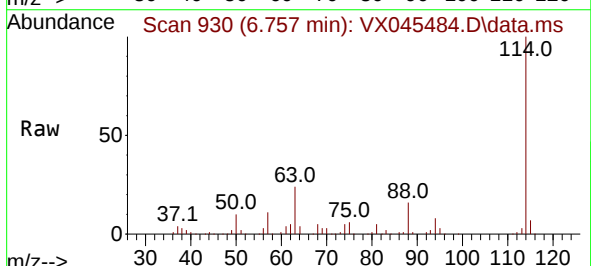
Tgt Ion: 114 Resp: 126118

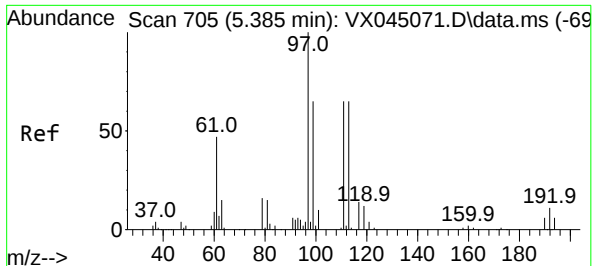
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.367 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045484.D

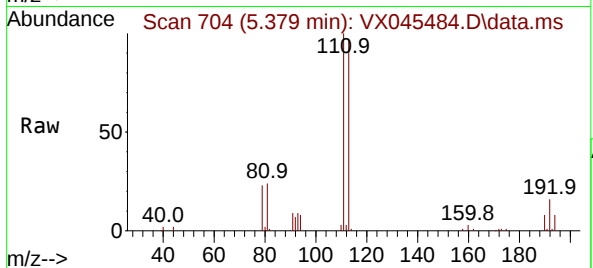
Acq: 27 Mar 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

P167330ZHE#08



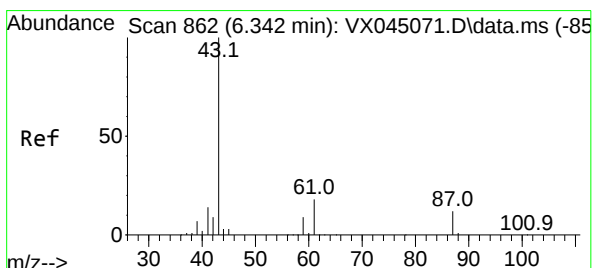
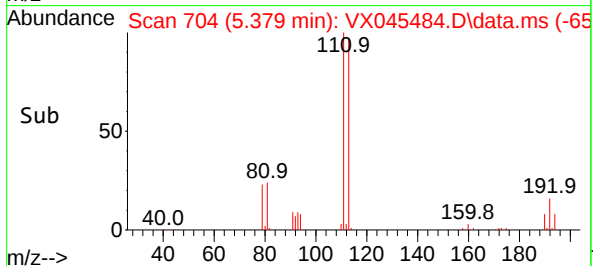
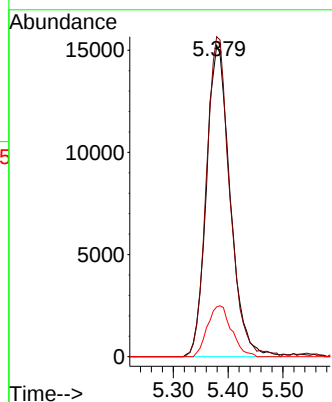
Tgt Ion:113 Resp: 45849

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.6

192 16.5 14.3 21.5



#43

Isopropyl Acetate

Concen: 4.093 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX045484.D

Acq: 27 Mar 2025 17:53

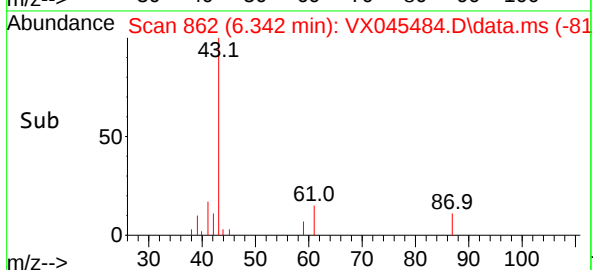
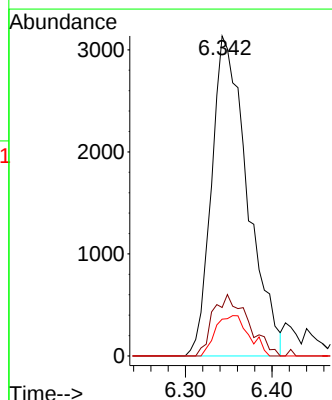
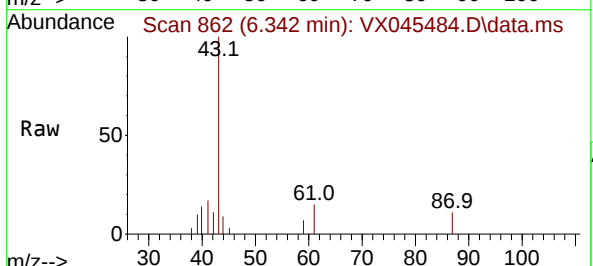
Tgt Ion: 43 Resp: 9020

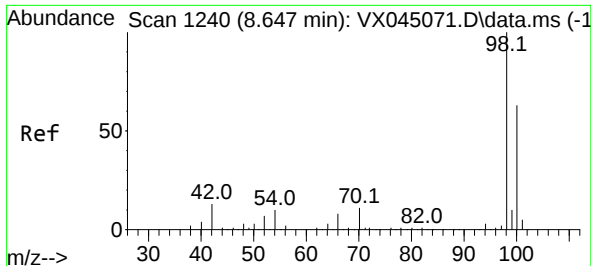
Ion Ratio Lower Upper

43 100

61 19.0 14.9 22.3

87 11.7 9.4 14.2

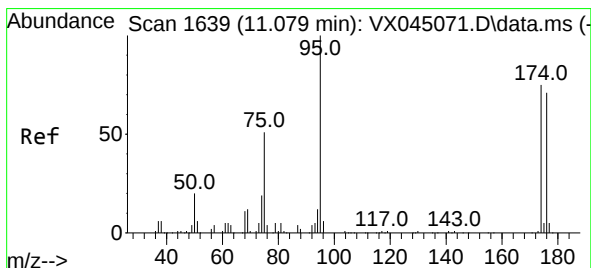
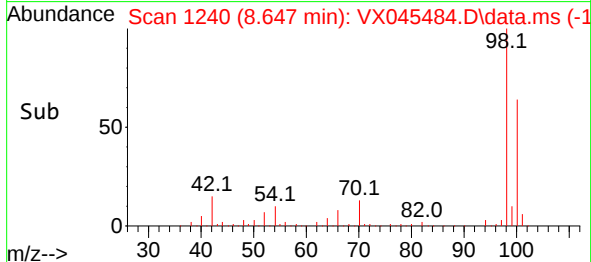
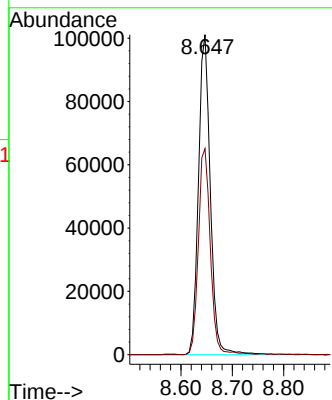
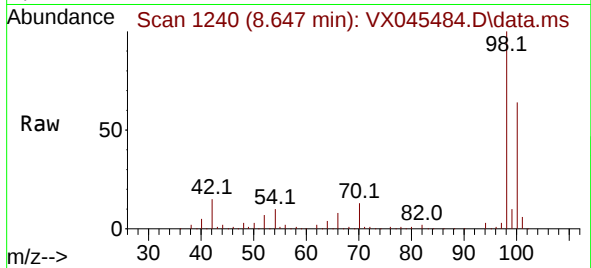




#50
Toluene-d8
Concen: 52.996 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

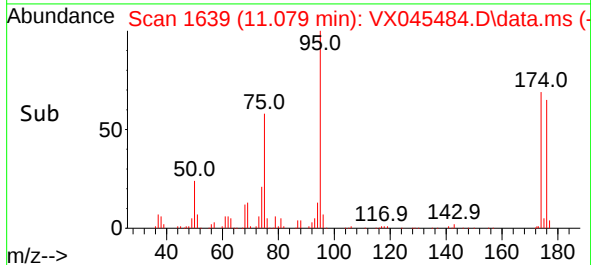
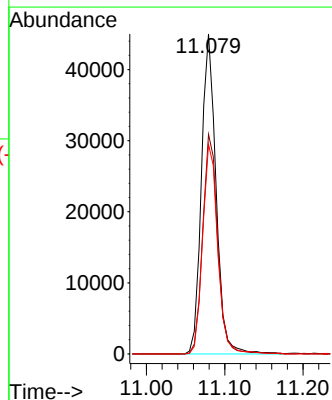
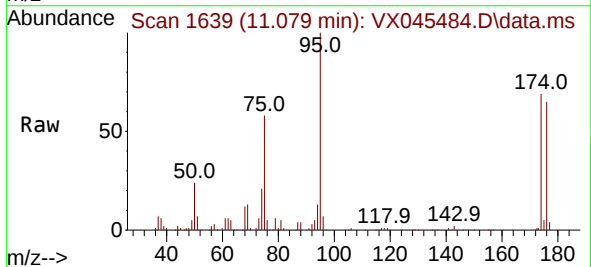
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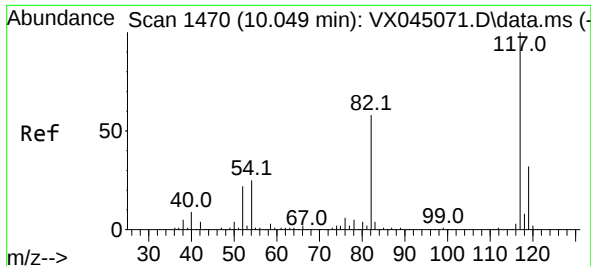
Tgt Ion: 98 Resp: 162026
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

Tgt Ion: 95 Resp: 58466
Ion Ratio Lower Upper
95 100
174 70.4 0.0 148.2
176 67.4 0.0 141.4

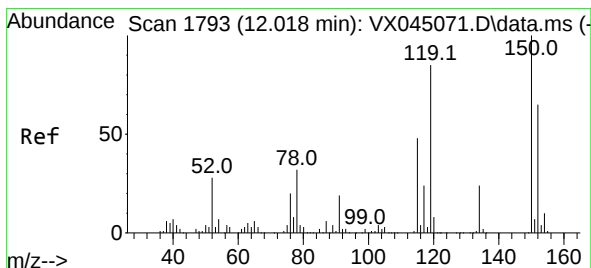
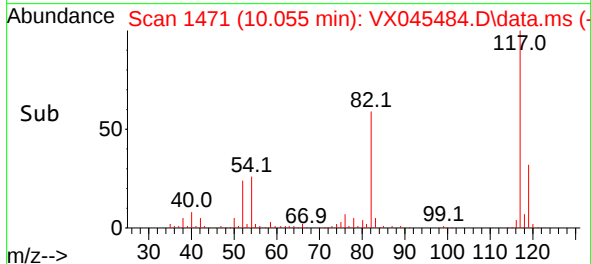
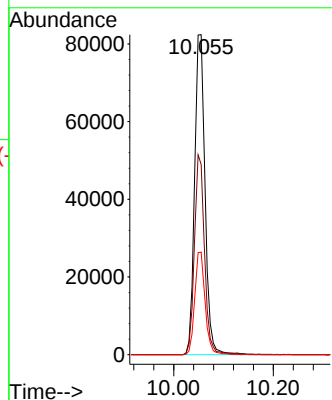
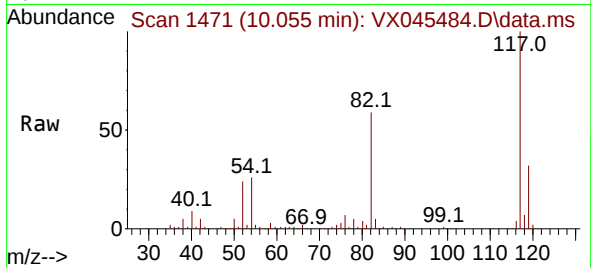




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#08

Tgt Ion:117 Resp: 120049
Ion Ratio Lower Upper
117 100
82 59.5 46.3 69.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045484.D
Acq: 27 Mar 2025 17:53

Tgt Ion:152 Resp: 48629
Ion Ratio Lower Upper
152 100
115 65.6 44.2 132.6
150 160.0 0.0 349.0

