

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045485.D
 Acq On : 27 Mar 2025 18:17
 Operator : JC/MD
 Sample : P167330ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#09

Quant Time: Mar 28 01:37:09 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)

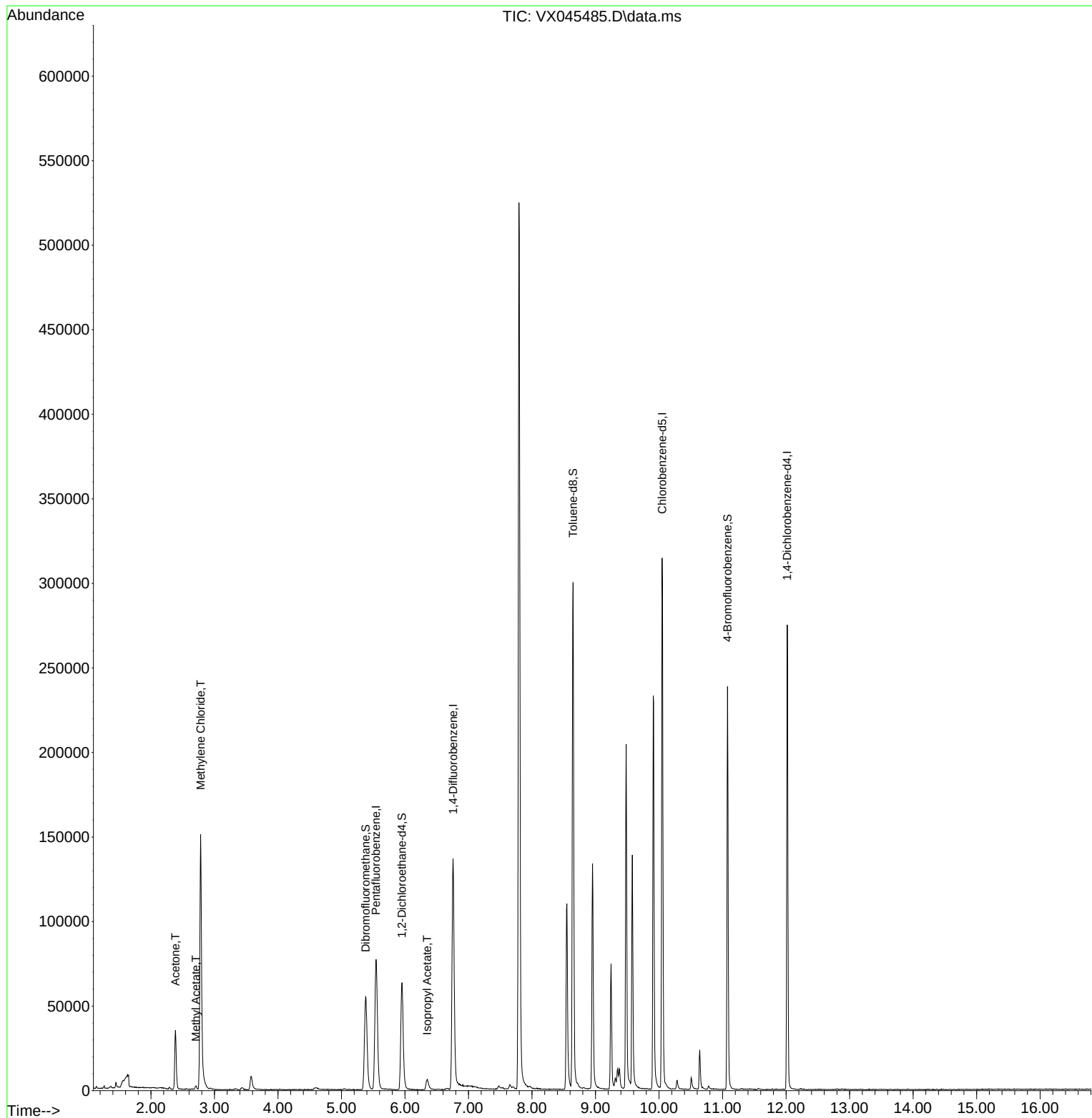
Internal Standards						
1) Pentafluorobenzene	5.544	168	66501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63912	60.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.840%	
35) Dibromofluoromethane	5.379	113	47661	53.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.280%	
50) Toluene-d8	8.647	98	172018	53.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	11.079	95	60584	56.756	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.520%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	38616	78.682	ug/l	93
18) Methyl Acetate	2.709	43	2988	2.531	ug/l	92
20) Methylene Chloride	2.782	84	69761	71.757	ug/l	96
43) Isopropyl Acetate	6.348	43	9604	4.136	ug/l #	97

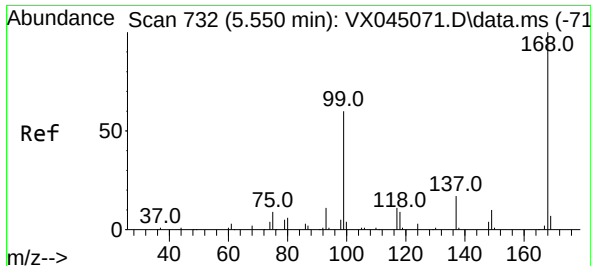
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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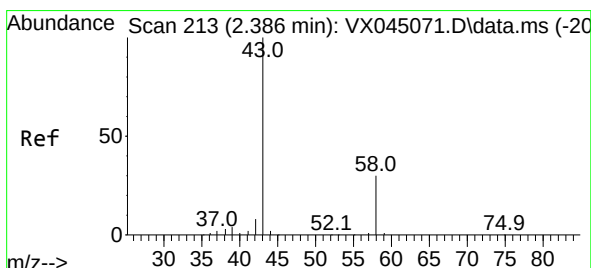
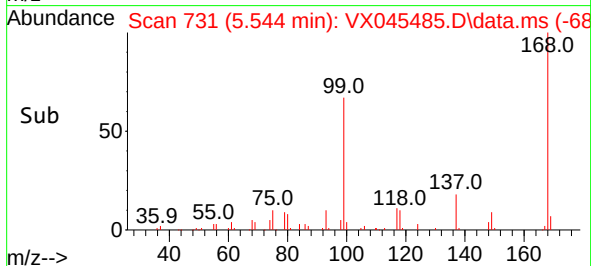
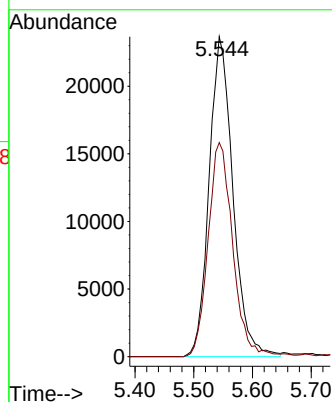
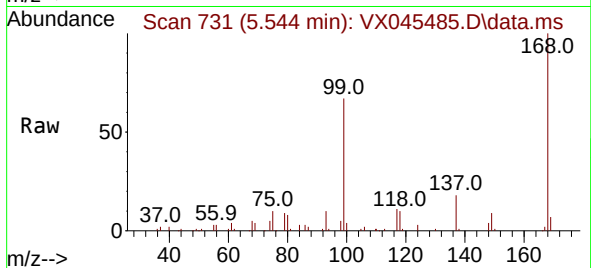




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045485.D
Acq: 27 Mar 2025 18:17

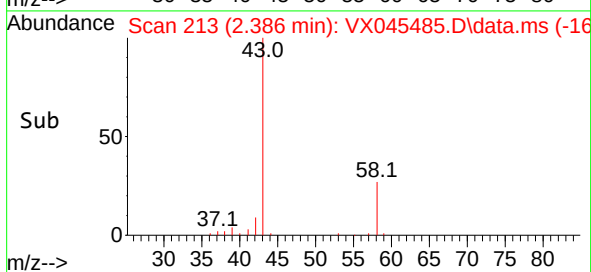
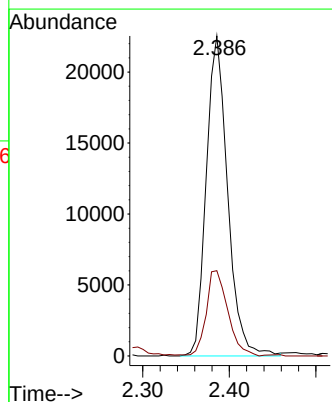
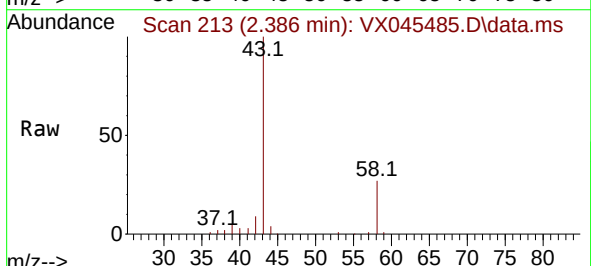
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#09

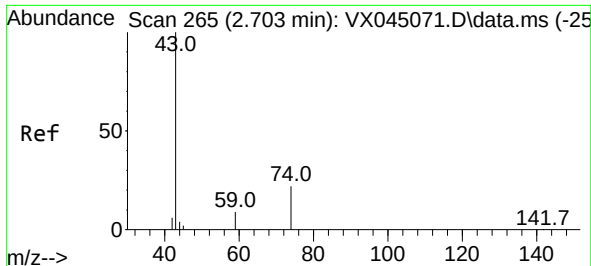
Tgt Ion:168 Resp: 66501
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#16
Acetone
Concen: 78.682 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045485.D
Acq: 27 Mar 2025 18:17

Tgt Ion: 43 Resp: 38616
Ion Ratio Lower Upper
43 100
58 26.3 24.2 36.4

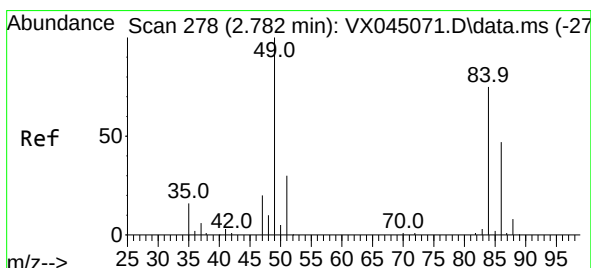
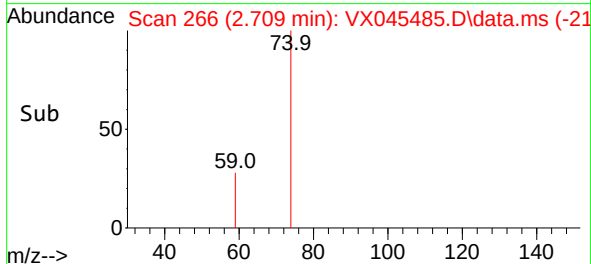
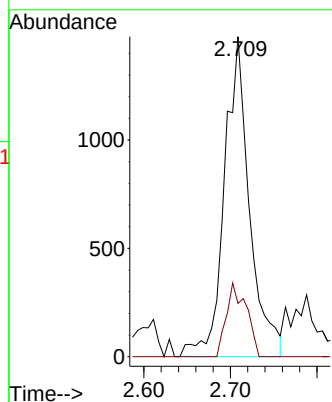
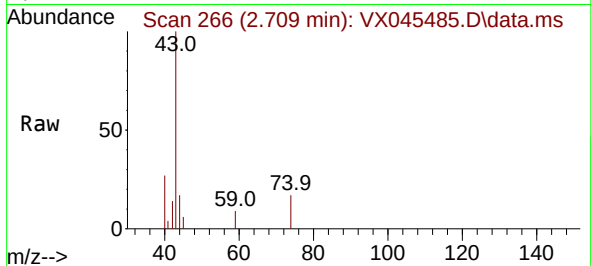




#18
Methyl Acetate
Concen: 2.531 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045485.D
Acq: 27 Mar 2025 18:17

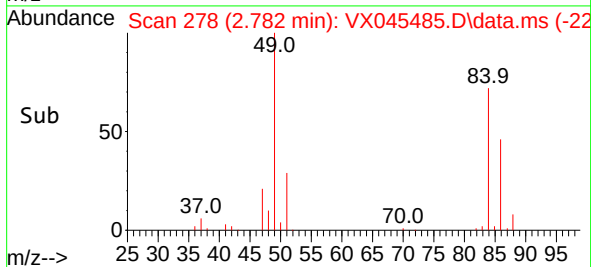
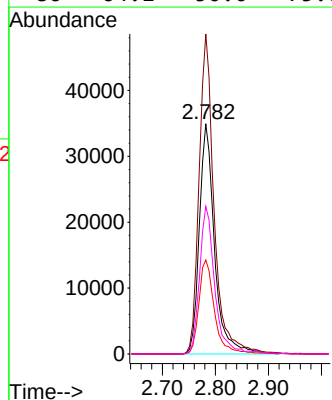
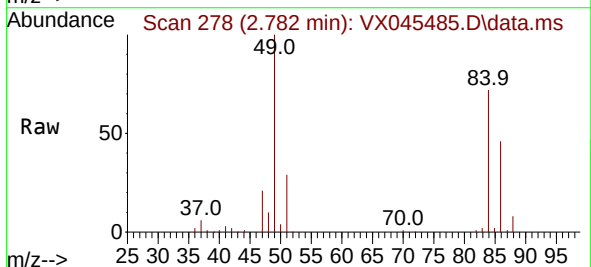
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#09

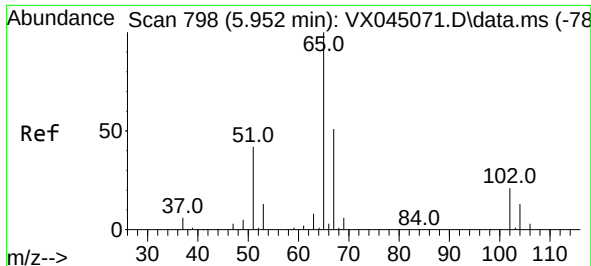
Tgt Ion: 43 Resp: 2988
Ion Ratio Lower Upper
43 100
74 18.2 17.4 26.2



#20
Methylene Chloride
Concen: 71.757 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045485.D
Acq: 27 Mar 2025 18:17

Tgt Ion: 84 Resp: 69761
Ion Ratio Lower Upper
84 100
49 139.0 106.5 159.7
51 40.8 32.1 48.1
86 64.1 50.0 75.0





#33

1,2-Dichloroethane-d4

Concen: 60.420 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045485.D

Acq: 27 Mar 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

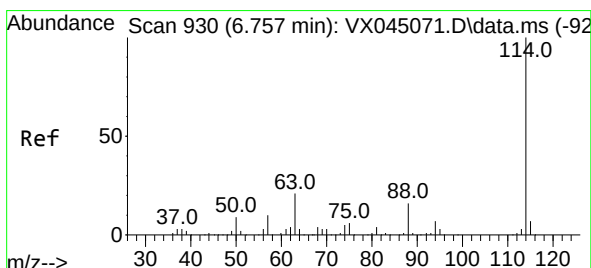
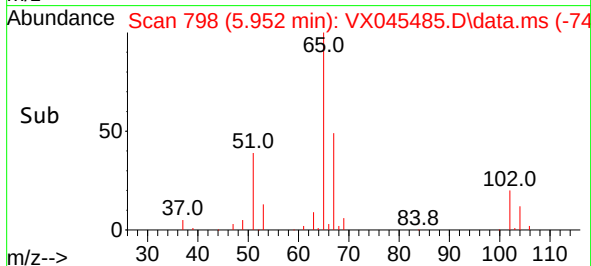
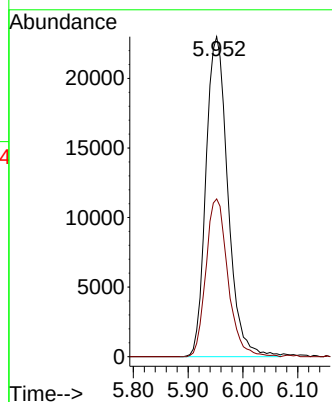
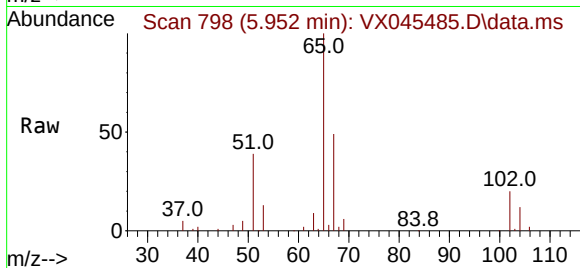
P167330ZHE#09

Tgt Ion: 65 Resp: 63912

Ion Ratio Lower Upper

65 100

67 49.4 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: VX045485.D

Acq: 27 Mar 2025 18:17

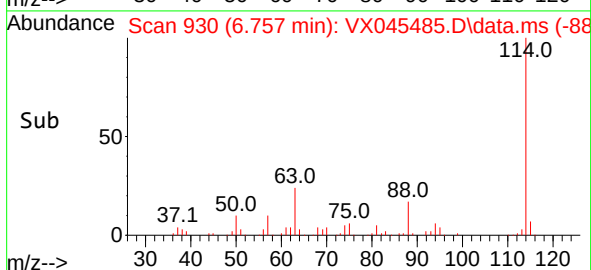
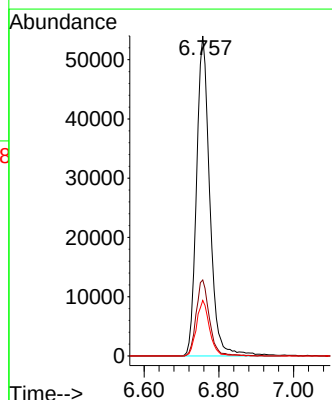
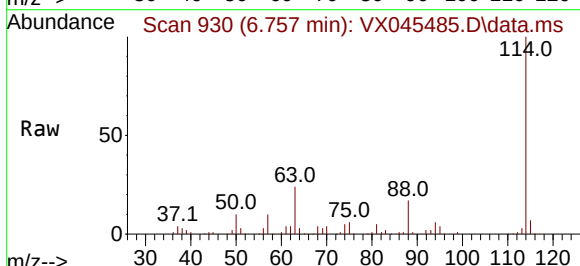
Tgt Ion: 114 Resp: 132883

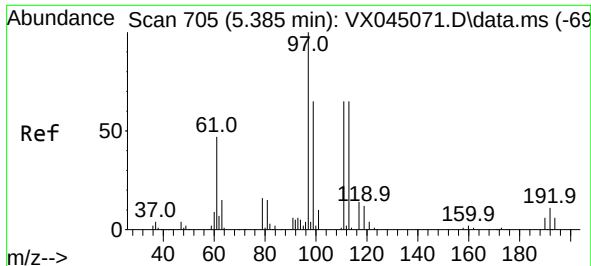
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

88 17.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.639 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045485.D

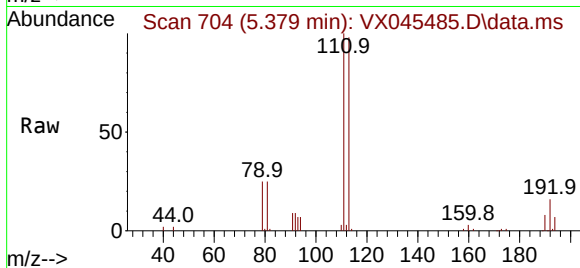
Acq: 27 Mar 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

P167330ZHE#09



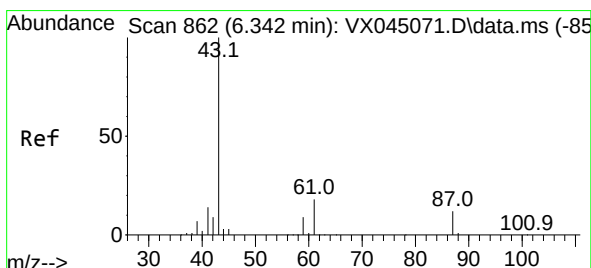
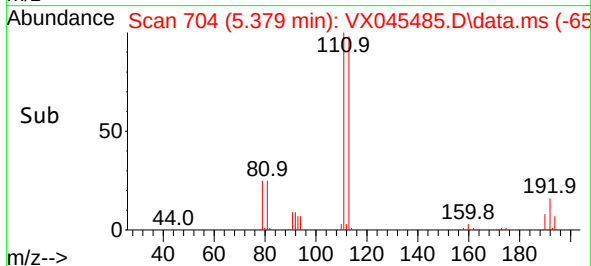
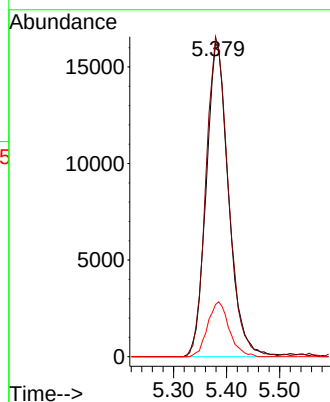
Tgt Ion:113 Resp: 47661

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 16.8 14.3 21.5



#43

Isopropyl Acetate

Concen: 4.136 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX045485.D

Acq: 27 Mar 2025 18:17

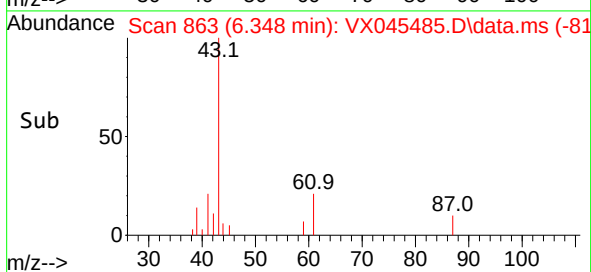
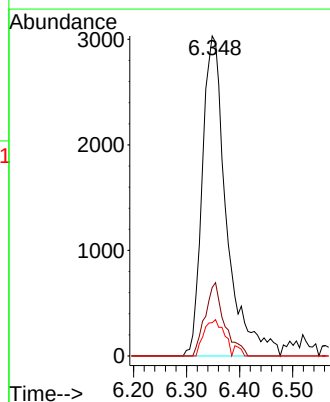
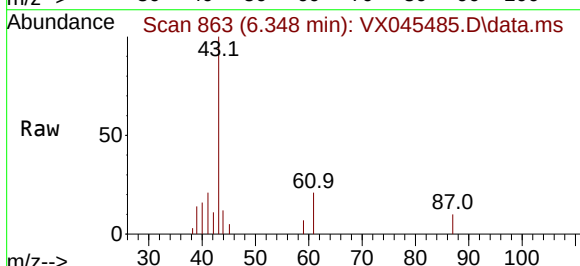
Tgt Ion: 43 Resp: 9604

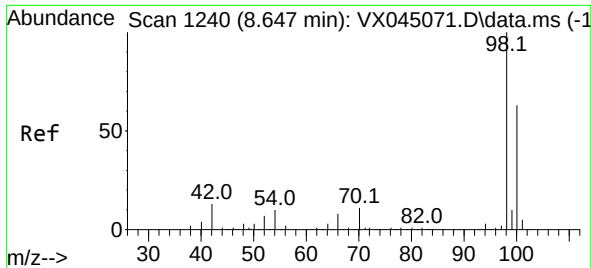
Ion Ratio Lower Upper

43 100

61 18.3 14.9 22.3

87 9.3 9.4 14.2#

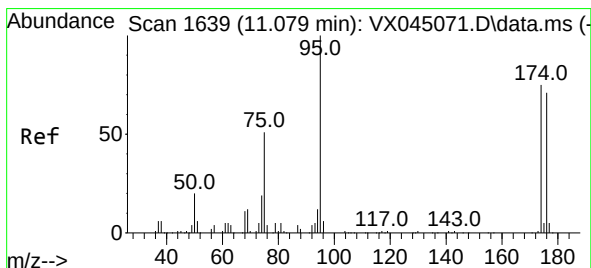
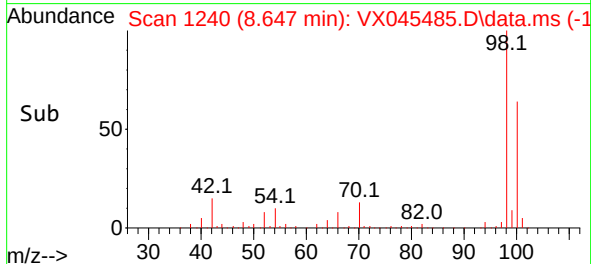
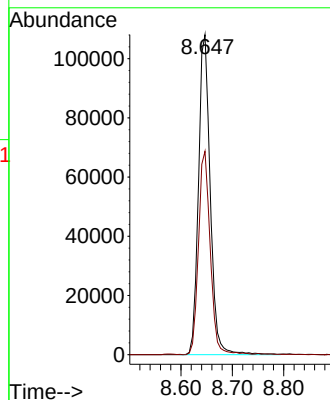
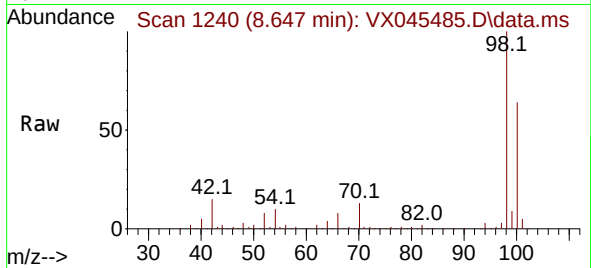




#50
Toluene-d8
Concen: 53.400 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045485.D
Acq: 27 Mar 2025 18:17

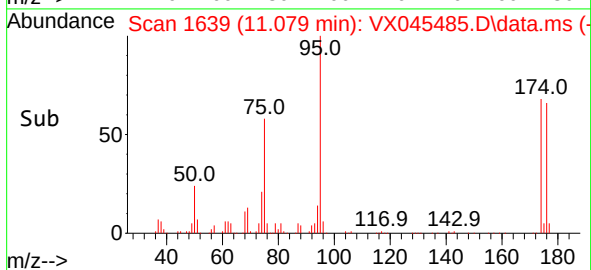
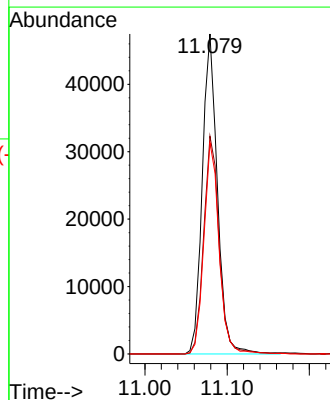
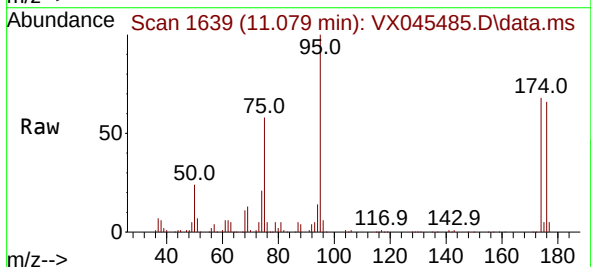
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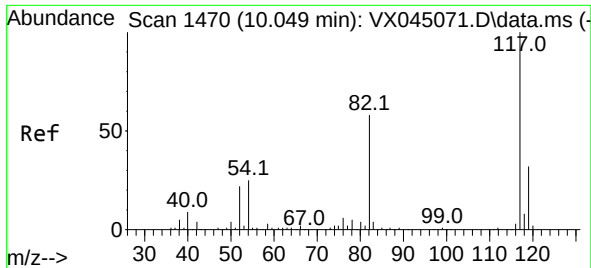
Tgt Ion: 98 Resp: 172018
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045485.D
Acq: 27 Mar 2025 18:17

Tgt Ion: 95 Resp: 60584
Ion Ratio Lower Upper
95 100
174 69.8 0.0 148.2
176 66.5 0.0 141.4

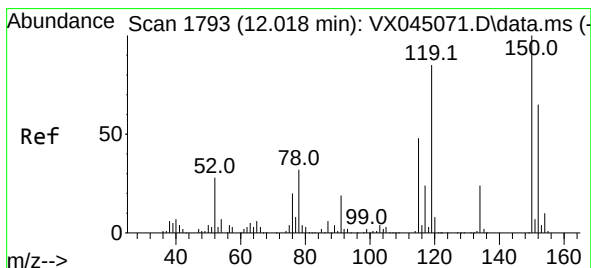
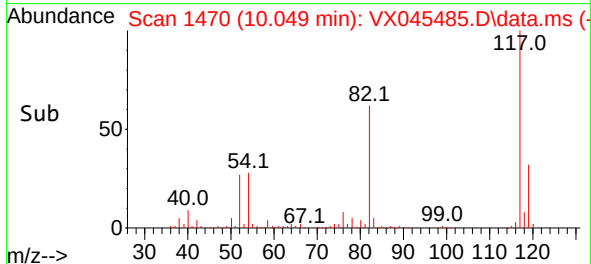
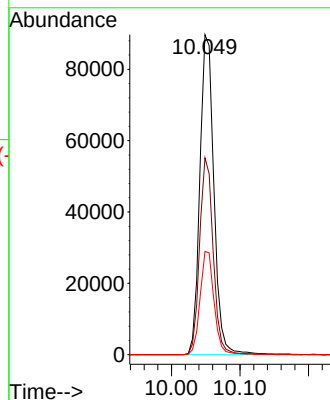
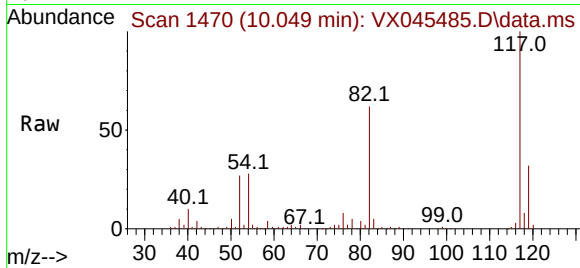




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045485.D
Acq: 27 Mar 2025 18:17

Instrument :
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ClientSampleId :
P167330ZHE#09

Tgt Ion:117 Resp: 128539
Ion Ratio Lower Upper
117 100
82 61.5 46.3 69.5
119 32.3 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: VX045485.D
Acq: 27 Mar 2025 18:17

Tgt Ion:152 Resp: 50786
Ion Ratio Lower Upper
152 100
115 64.8 44.2 132.6
150 156.7 0.0 349.0

