

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045309.D
 Acq On : 17 Mar 2025 16:35
 Operator : JC/MD
 Sample : Q1568-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-03132025

Quant Time: Mar 18 01:30:25 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)

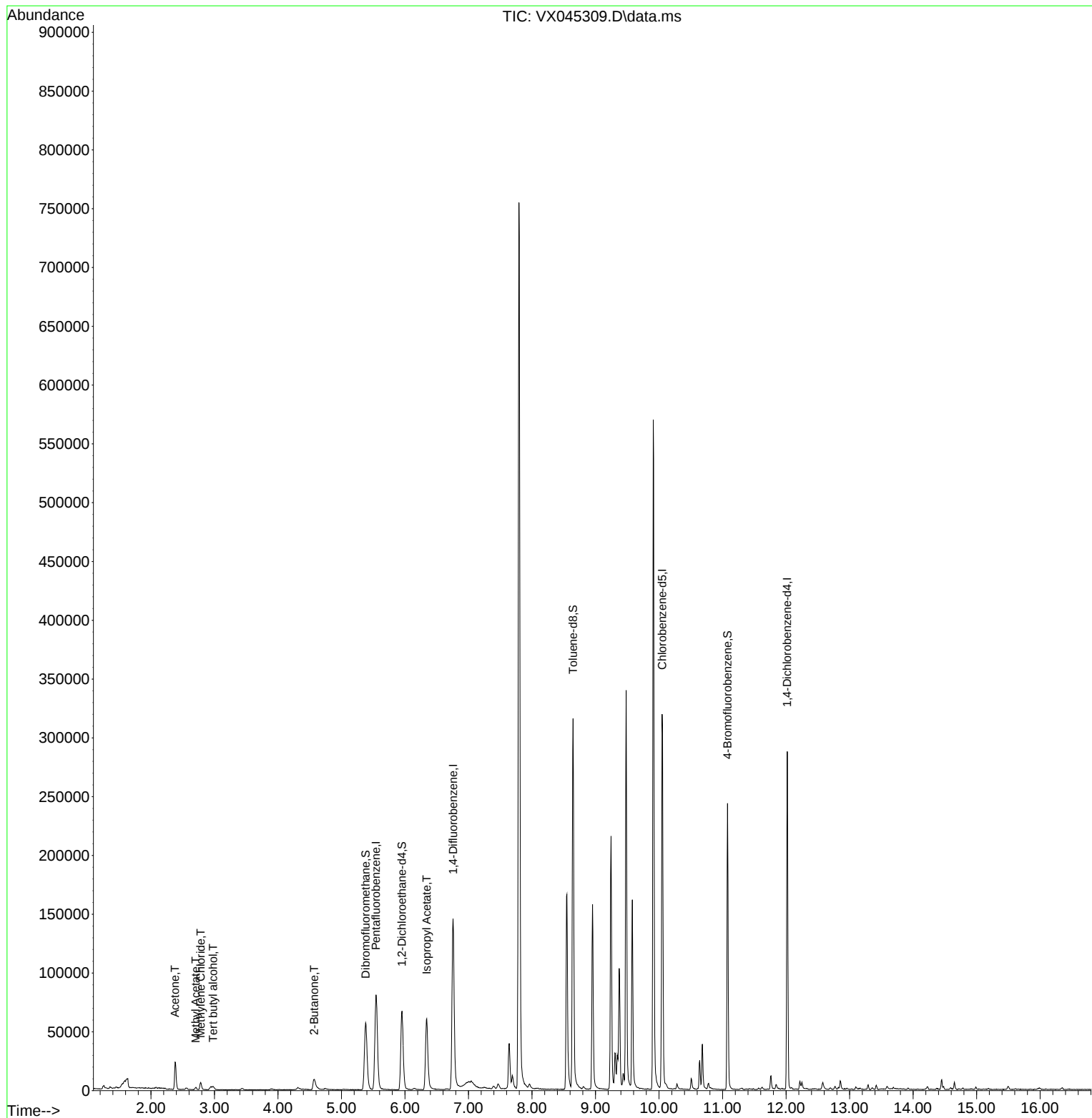
Internal Standards						
1) Pentafluorobenzene	5.544	168	72781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64867	56.031	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.060%			
35) Dibromofluoromethane	5.379	113	49986	51.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.647	98	185557	53.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.180%			
62) 4-Bromofluorobenzene	11.079	95	63019	54.414	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.820%			
Target Compounds						
11) Tert butyl alcohol	2.977	59	4623	21.082	ug/l #	92
16) Acetone	2.380	43	26005	48.415	ug/l	100
18) Methyl Acetate	2.703	43	2695	2.086	ug/l	92
20) Methylene Chloride	2.782	84	3081	2.896	ug/l	94
25) 2-Butanone	4.568	43	18901	23.377	ug/l	95
43) Isopropyl Acetate	6.342	43	87360	34.678	ug/l	99

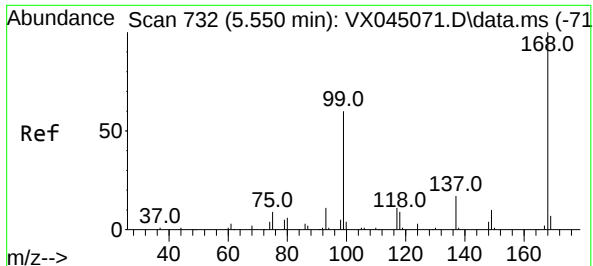
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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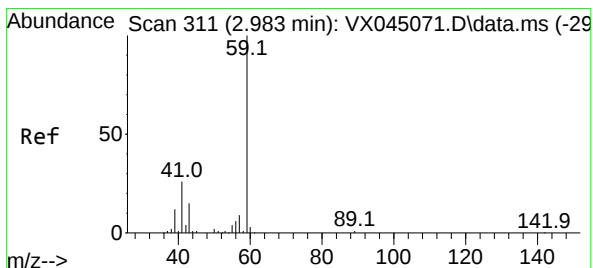
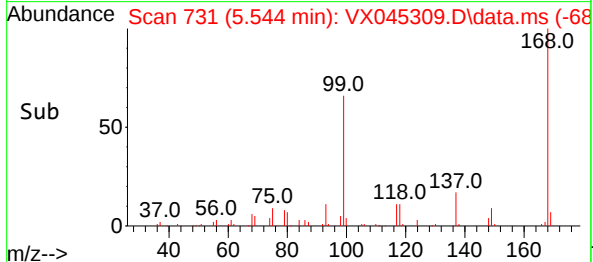
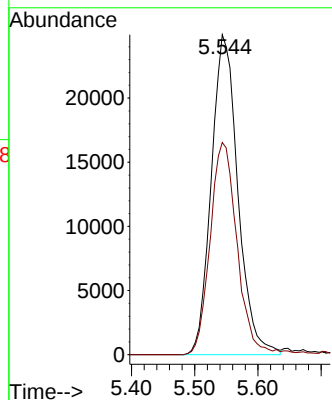
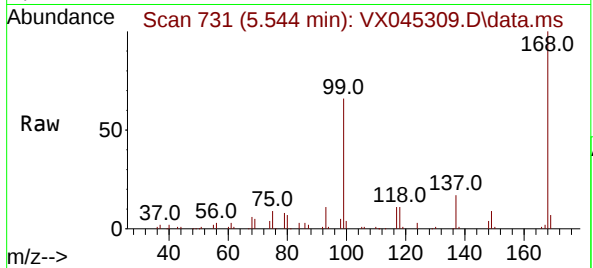




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

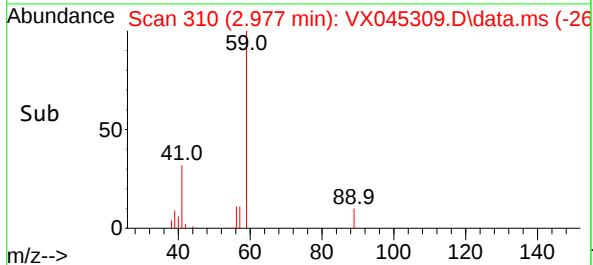
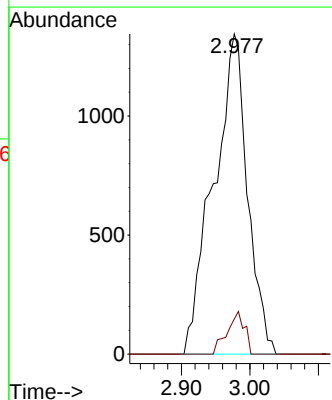
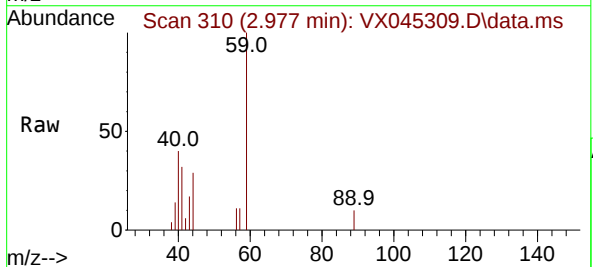
Instrument :
MSVOA_X
ClientSampleId :
JC-03-03132025

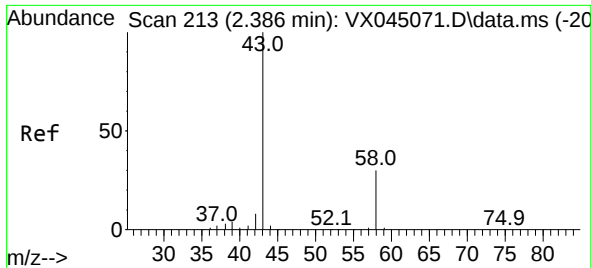
Tgt Ion:168 Resp: 72781
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 21.082 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

Tgt Ion: 59 Resp: 4623
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.8#

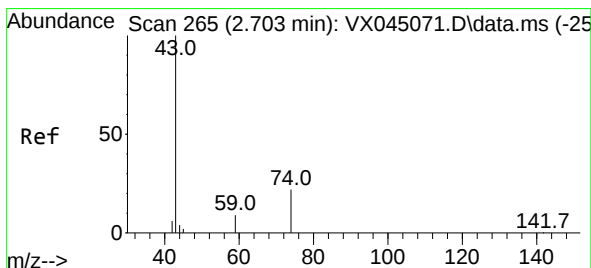
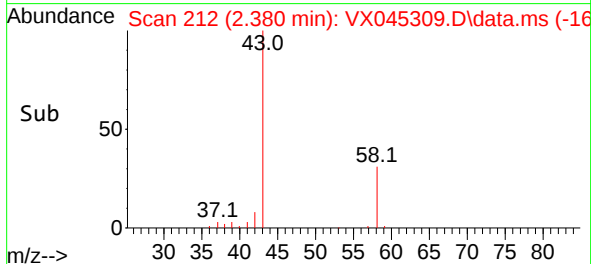
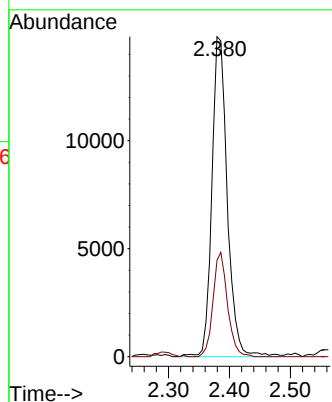
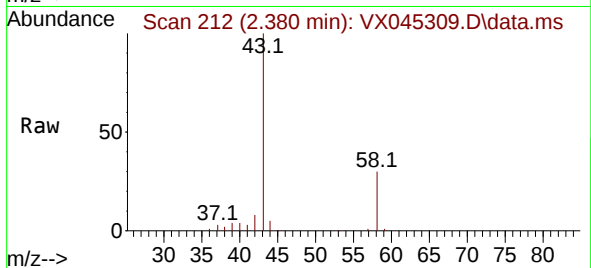




#16
Acetone
Concen: 48.415 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

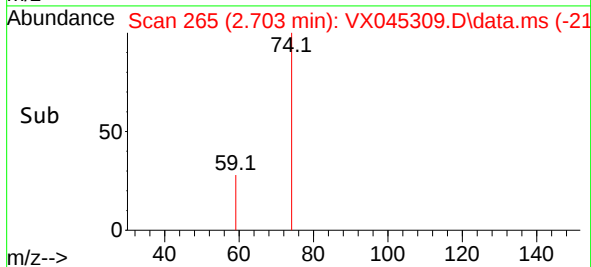
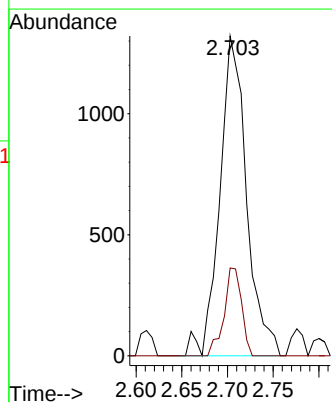
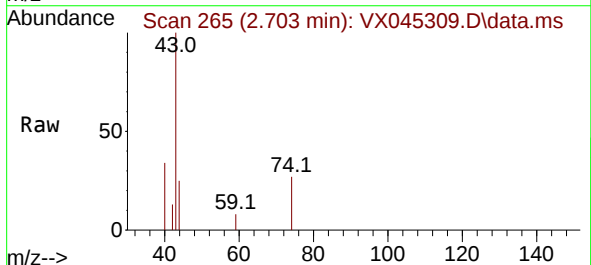
Instrument :
MSVOA_X
ClientSampleId :
JC-03-03132025

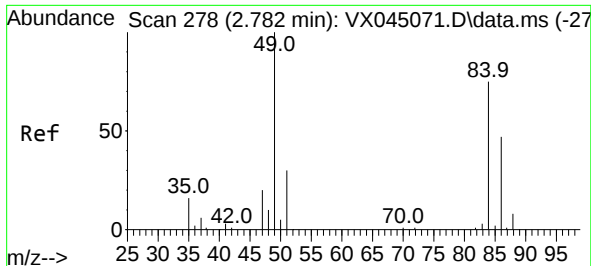
Tgt Ion: 43 Resp: 26005
Ion Ratio Lower Upper
43 100
58 30.1 24.2 36.4



#18
Methyl Acetate
Concen: 2.086 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

Tgt Ion: 43 Resp: 2695
Ion Ratio Lower Upper
43 100
74 18.0 17.4 26.2

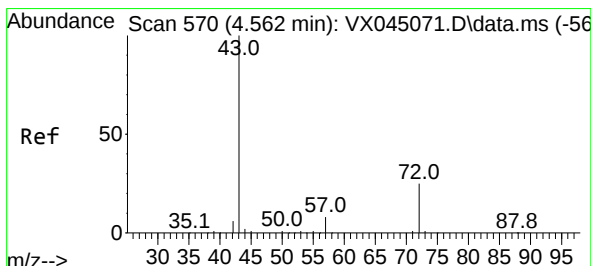
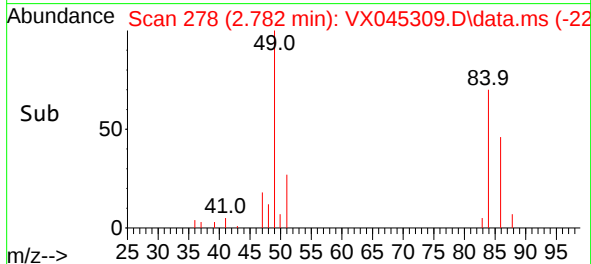
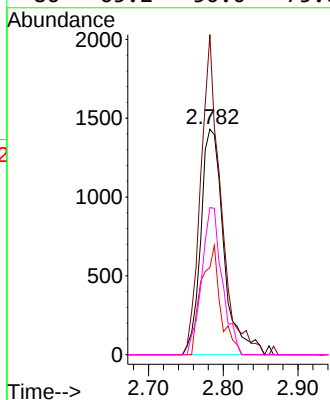
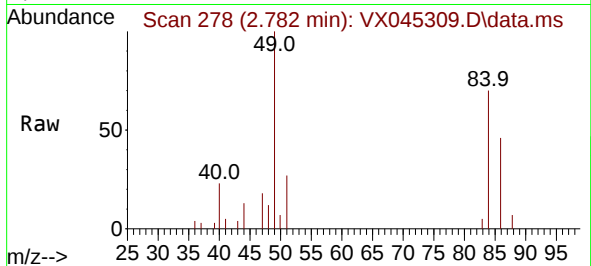




#20
Methylene Chloride
Concen: 2.896 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

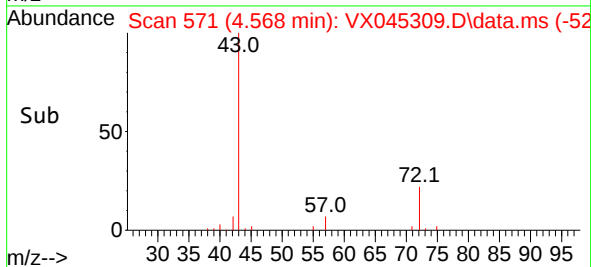
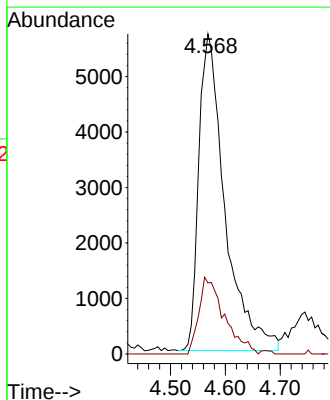
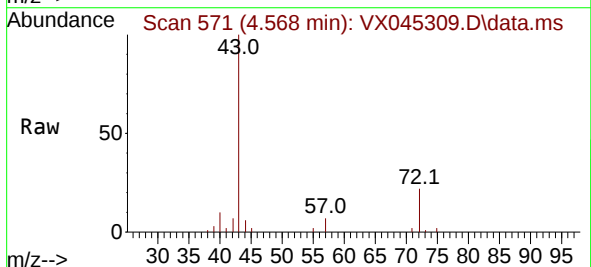
Instrument :
MSVOA_X
ClientSampleId :
JC-03-03132025

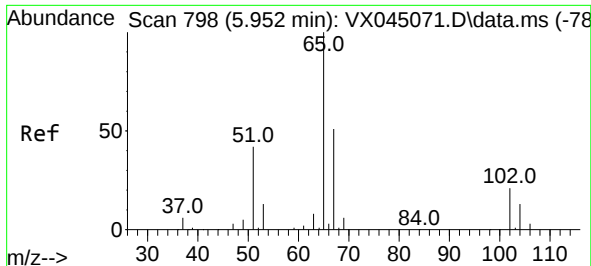
Tgt Ion:	84	Resp:	3081
Ion	Ratio	Lower	Upper
84	100		
49	142.0	106.5	159.7
51	38.7	32.1	48.1
86	65.2	50.0	75.0



#25
2-Butanone
Concen: 23.377 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

Tgt Ion:	43	Resp:	18901
Ion	Ratio	Lower	Upper
43	100		
72	22.4	20.0	30.0





#33

1,2-Dichloroethane-d4

Concen: 56.031 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045309.D

Acq: 17 Mar 2025 16:35

Instrument :

MSVOA_X

ClientSampleId :

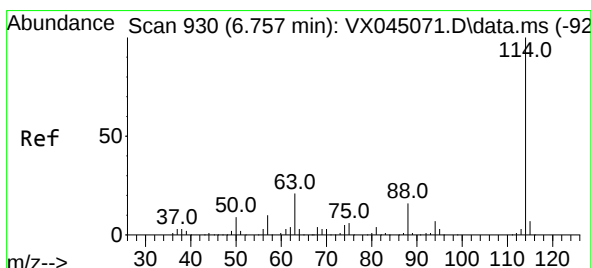
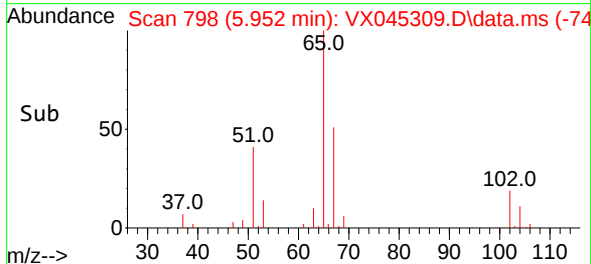
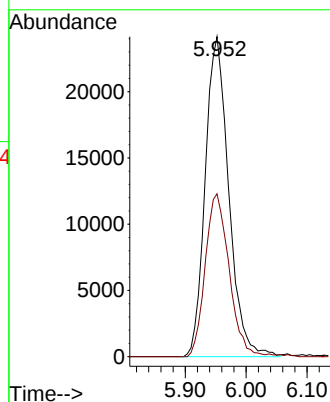
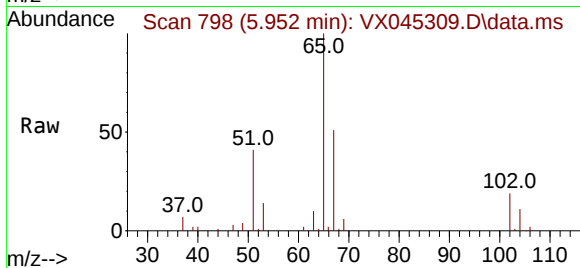
JC-03-03132025

Tgt Ion: 65 Resp: 64867

Ion Ratio Lower Upper

65 100

67 52.1 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: VX045309.D

Acq: 17 Mar 2025 16:35

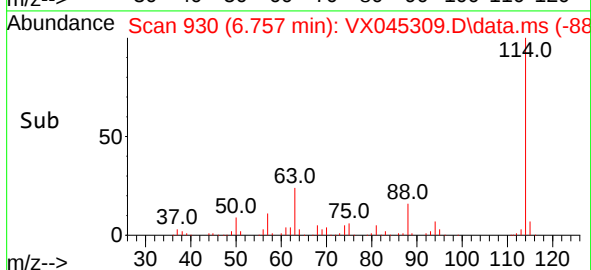
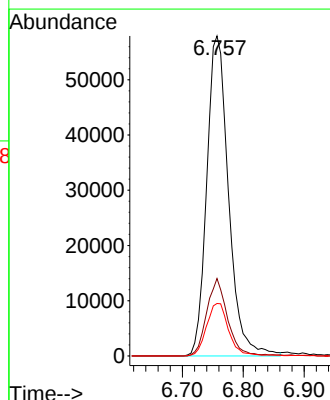
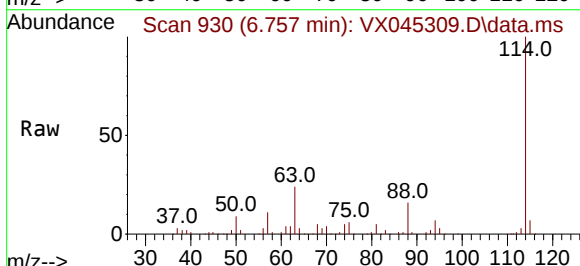
Tgt Ion: 114 Resp: 144174

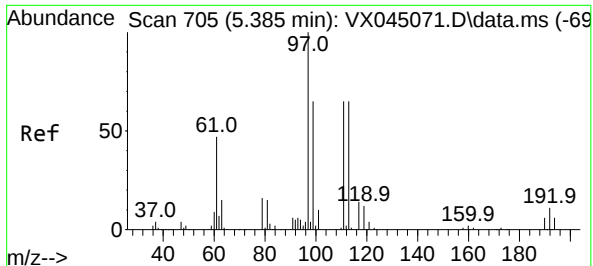
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.8

88 16.4 0.0 32.8

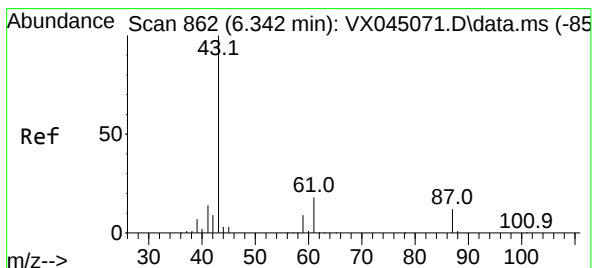
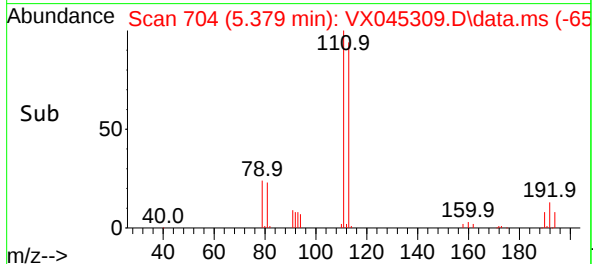
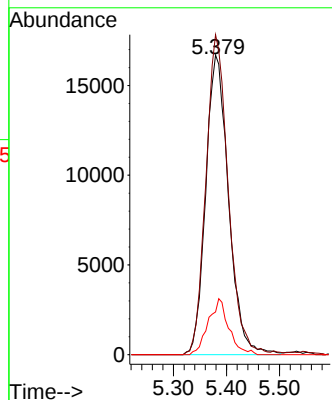
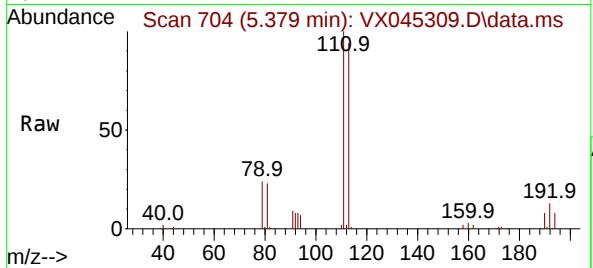




#35
Dibromofluoromethane
Concen: 51.850 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

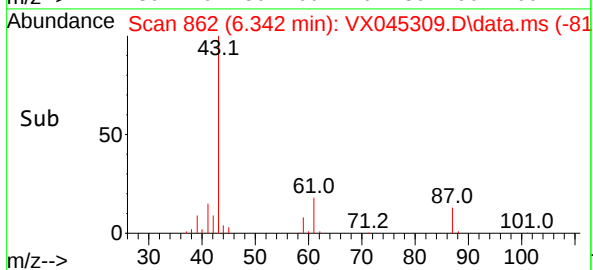
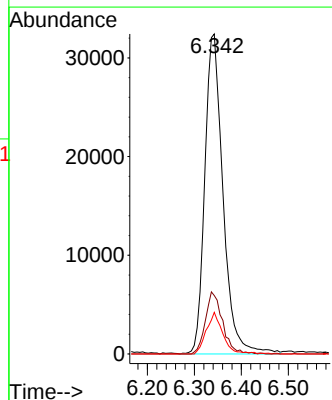
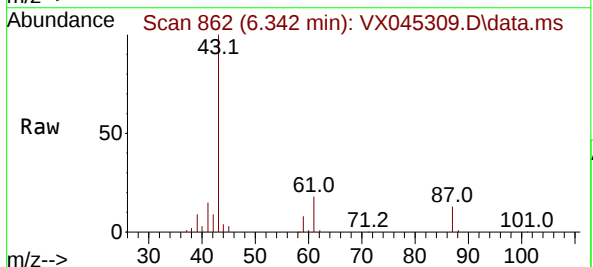
Instrument :
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ClientSampleId :
JC-03-03132025

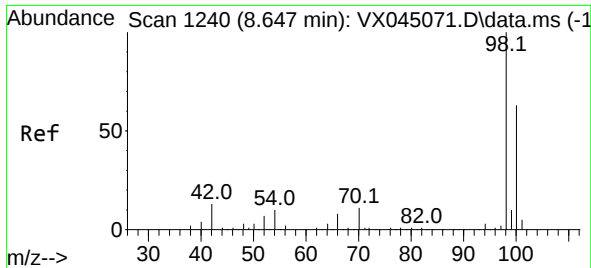
Tgt Ion:113 Resp: 49986
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 16.8 14.3 21.5



#43
Isopropyl Acetate
Concen: 34.678 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

Tgt Ion: 43 Resp: 87360
Ion Ratio Lower Upper
43 100
61 18.2 14.9 22.3
87 11.7 9.4 14.2

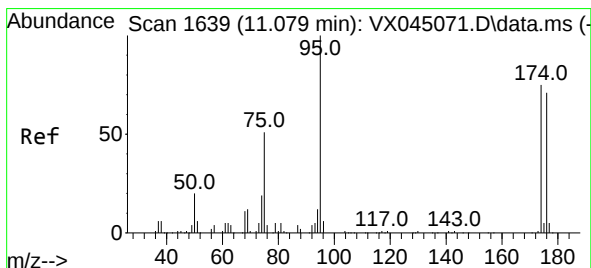
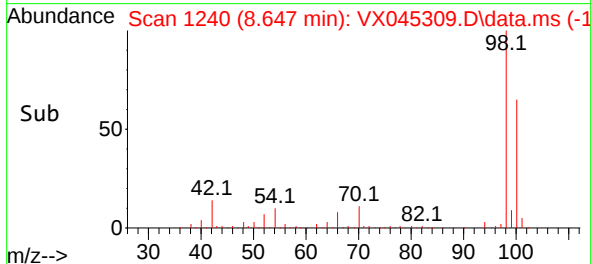
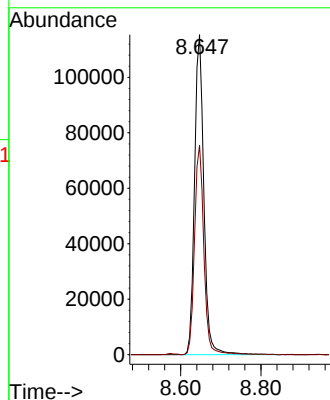
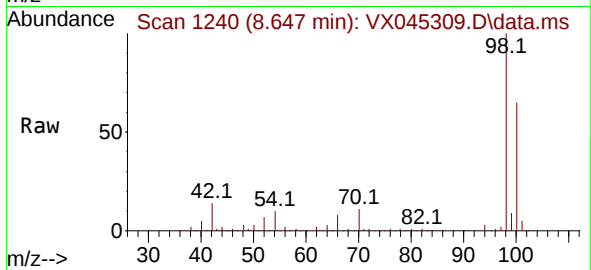




#50
Toluene-d8
Concen: 53.092 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

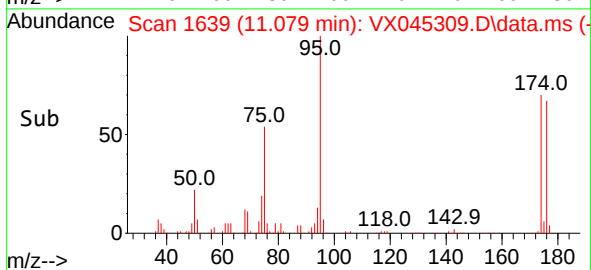
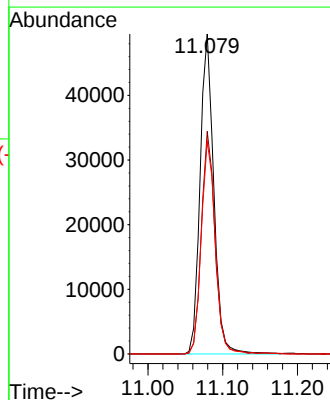
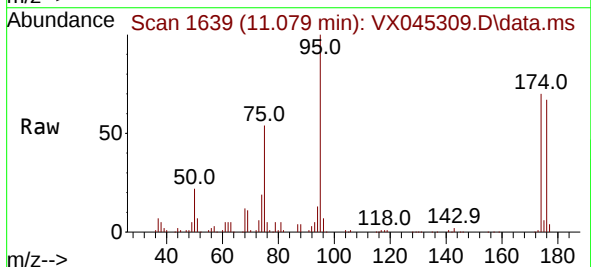
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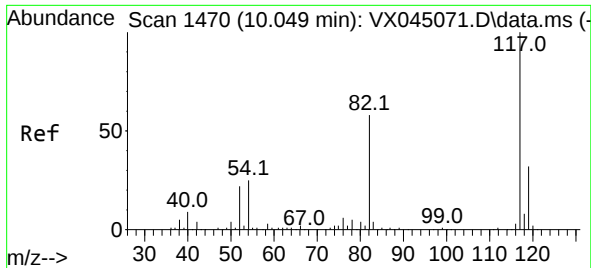
Tgt Ion: 98 Resp: 185557
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

Tgt Ion: 95 Resp: 63019
Ion Ratio Lower Upper
95 100
174 69.2 0.0 148.2
176 67.7 0.0 141.4

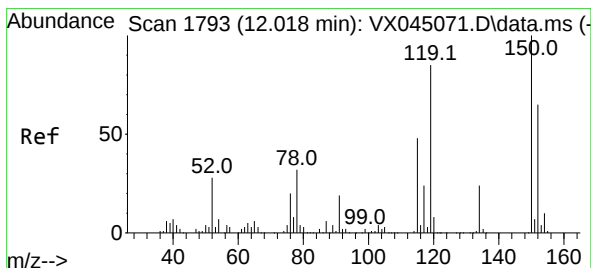
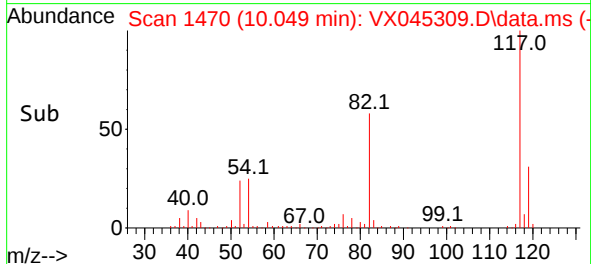
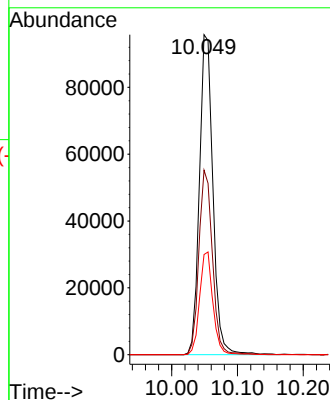
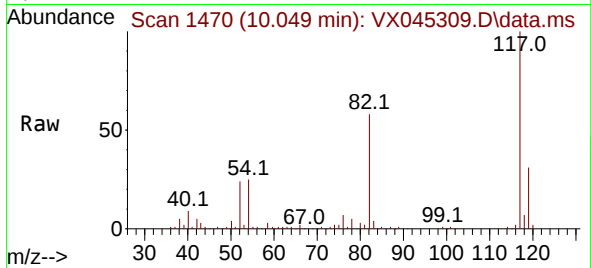




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045309.D
Acq: 17 Mar 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
JC-03-03132025

Tgt Ion:117 Resp: 136750
Ion Ratio Lower Upper
117 100
82 57.6 46.3 69.5
119 31.3 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: VX045309.D
Acq: 17 Mar 2025 16:35

Tgt Ion:152 Resp: 53431
Ion Ratio Lower Upper
152 100
115 64.1 44.2 132.6
150 158.0 0.0 349.0

