

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048733.D
 Acq On : 05 Dec 2025 14:13
 Operator : JC/MD
 Sample : Q3757-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14B-46-120325

Quant Time: Dec 05 22:04:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

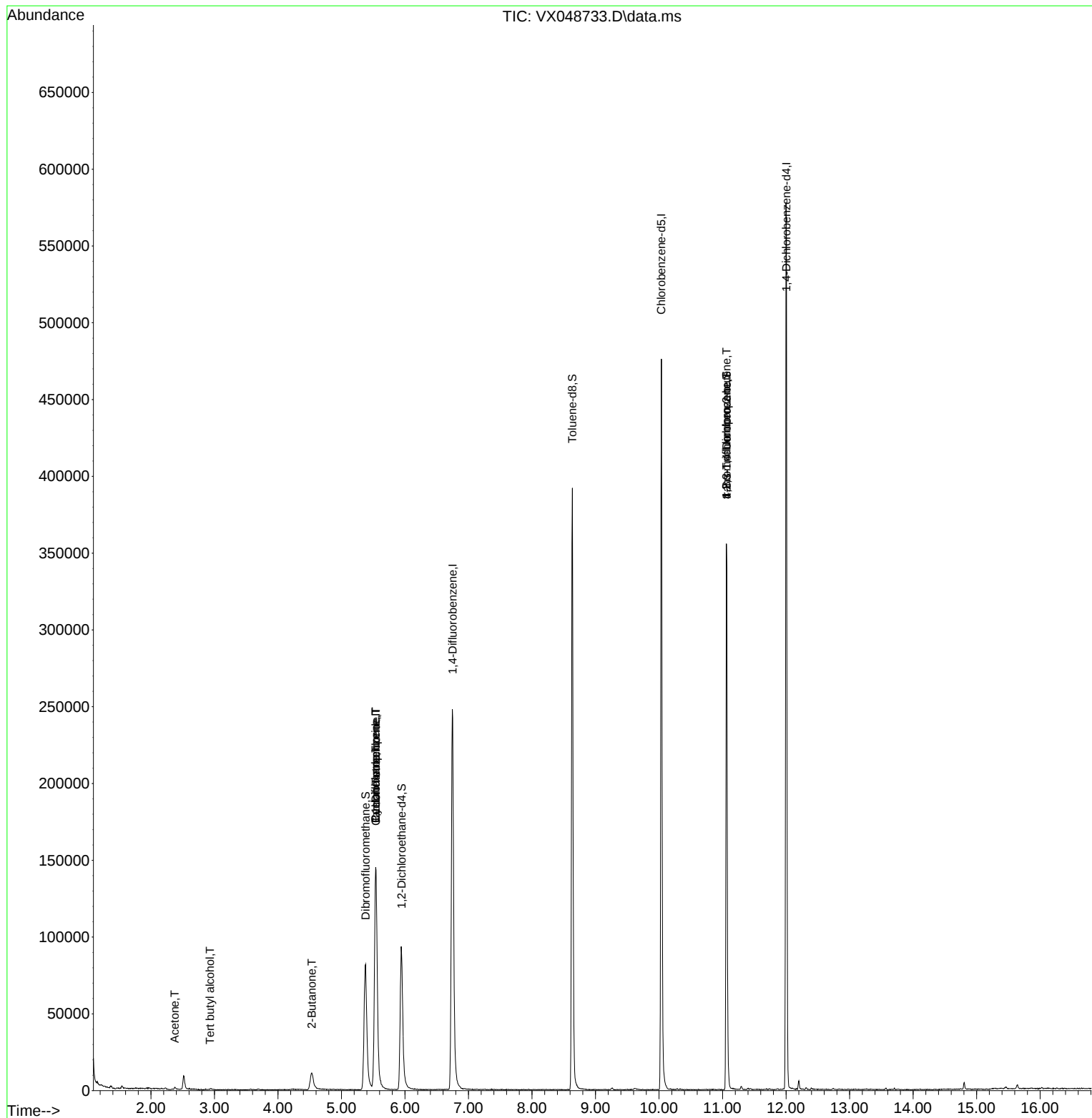
Internal Standards						
1) Pentafluorobenzene	5.537	168	161591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	286549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102428	47.227	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.460%		
35) Dibromofluoromethane	5.379	113	80744	40.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	81.840%		
50) Toluene-d8	8.634	98	244075	35.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	70.580%#		
62) 4-Bromofluorobenzene	11.061	95	103850	43.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.100%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.928	59	125	0.357	ug/l #	73
16) Acetone	2.373	43	2569	3.094	ug/l	100
25) 2-Butanone	4.532	43	628	0.512	ug/l #	46
31) Cyclohexane	5.537	56	2922	0.997	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	11580	4.285	ug/l #	49
38) Carbon Tetrachloride	5.544	117	15516	5.069	ug/l #	13
76) 1,2,3-Trichloropropane	11.061	75	51200	20.976	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	51200	49.825	ug/l #	3
95) Naphthalene	13.762	128	308	Below Cal	#	69

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

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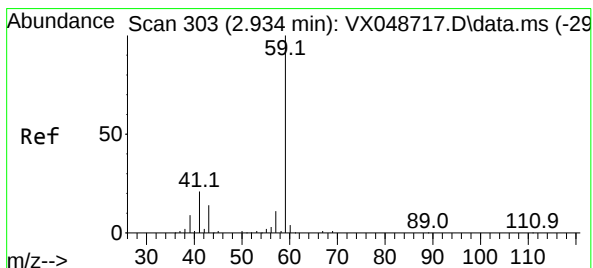
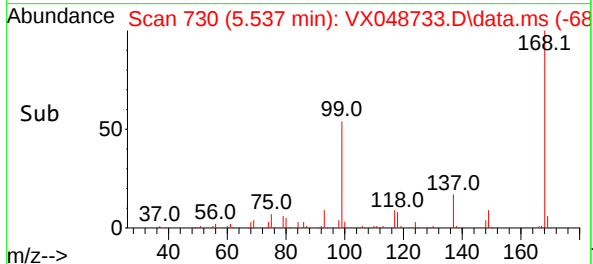
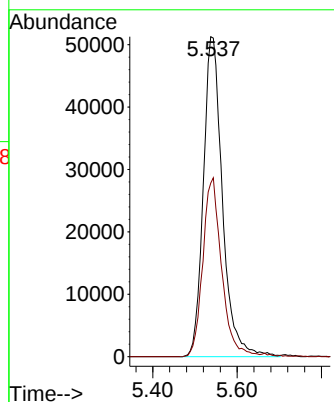
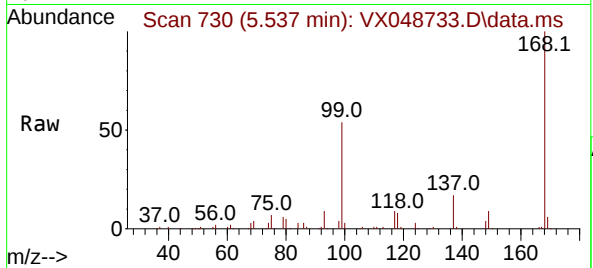




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

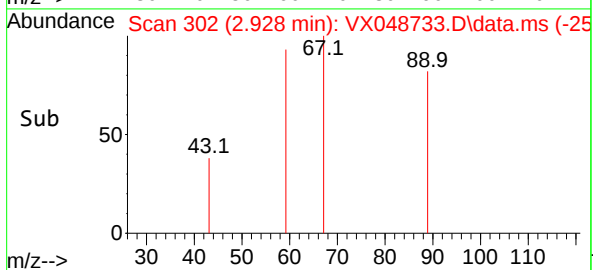
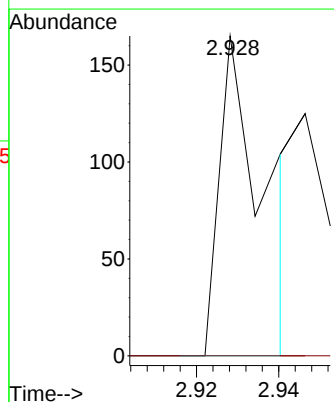
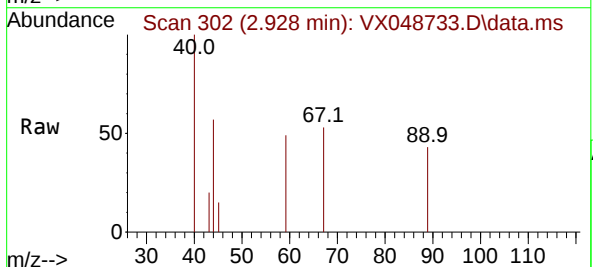
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

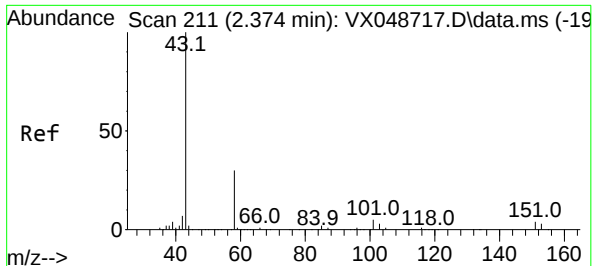
Tgt Ion:168 Resp: 161591
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.357 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.006 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

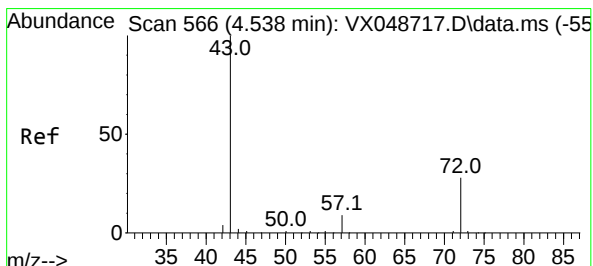
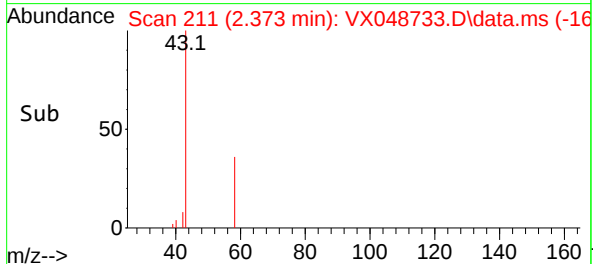
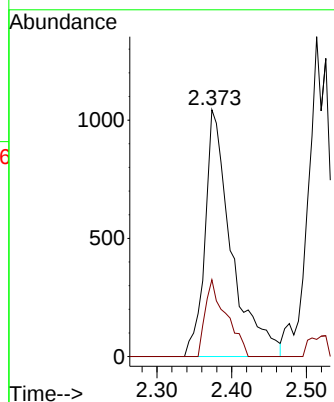
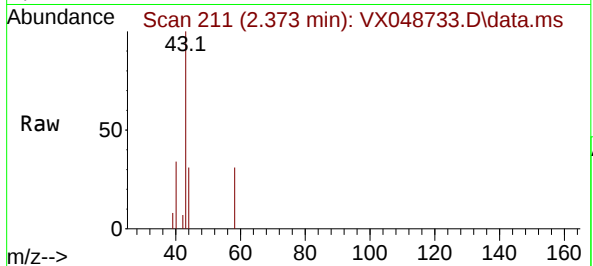




#16
Acetone
Concen: 3.094 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

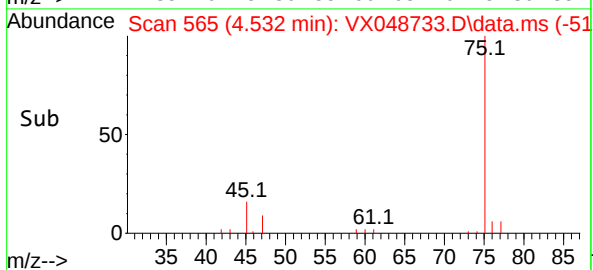
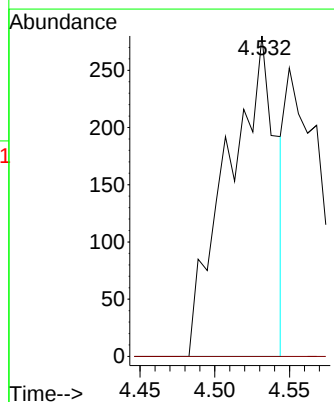
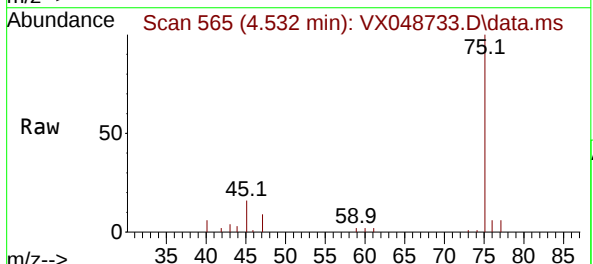
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

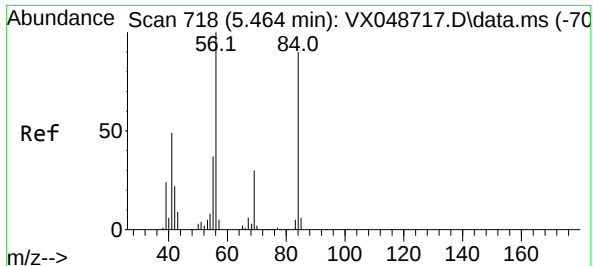
Tgt Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
58 31.1 25.0 37.4



#25
2-Butanone
Concen: 0.512 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#

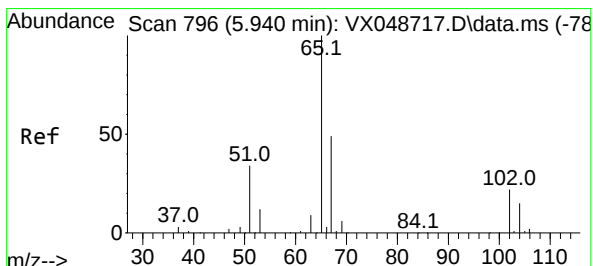
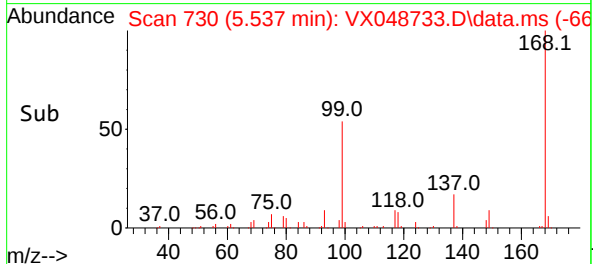
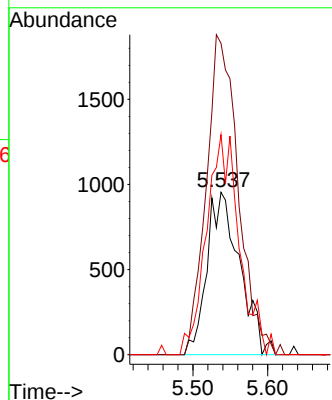
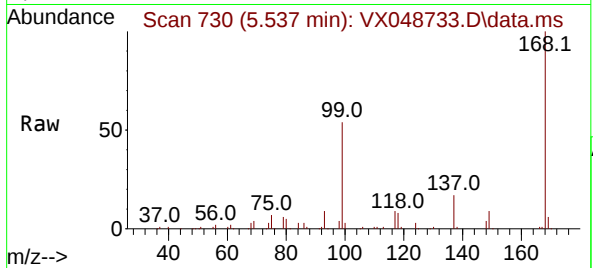




#31
Cyclohexane
Concen: 0.997 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

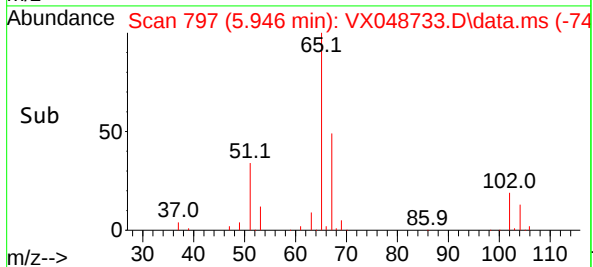
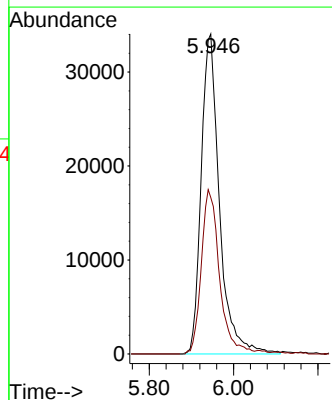
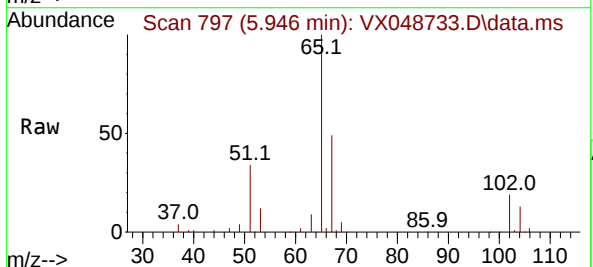
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

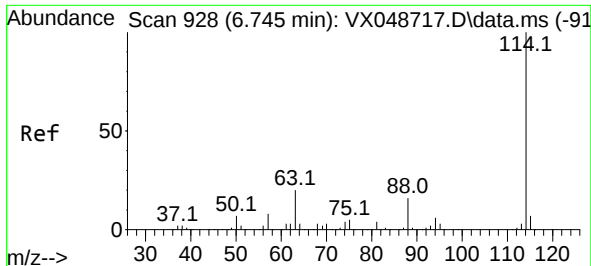
Tgt Ion: 56 Resp: 2922
Ion Ratio Lower Upper
56 100
69 191.7 24.2 36.2#
84 135.5 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 47.227 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion: 65 Resp: 102428
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4

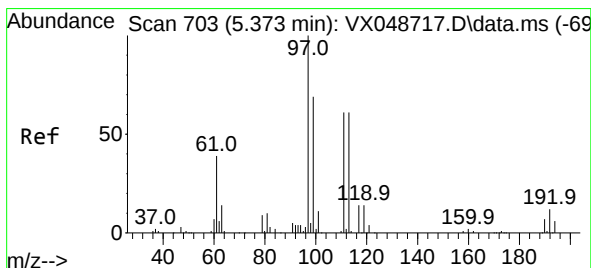
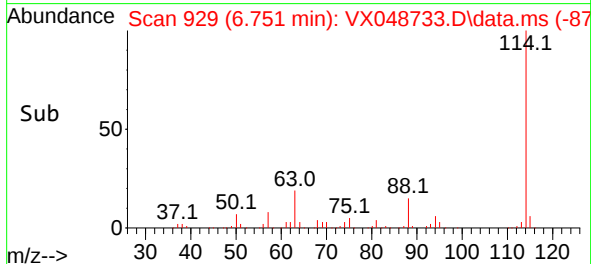
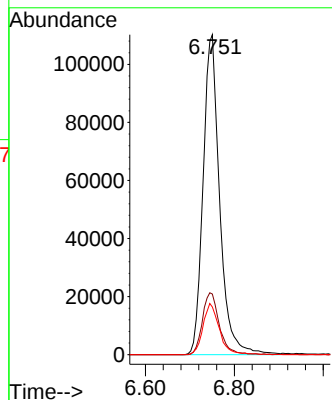
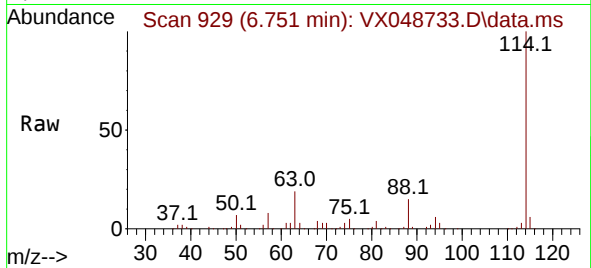




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

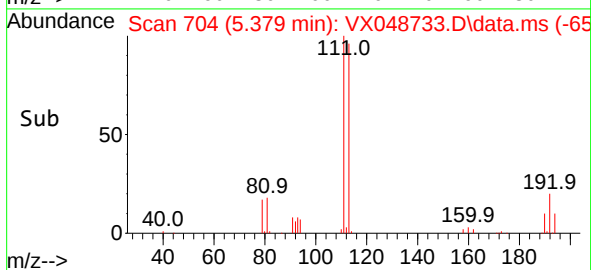
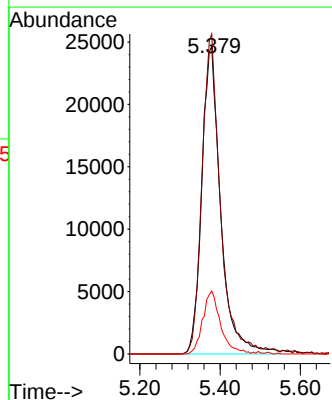
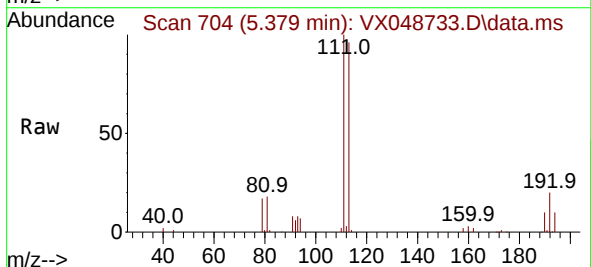
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

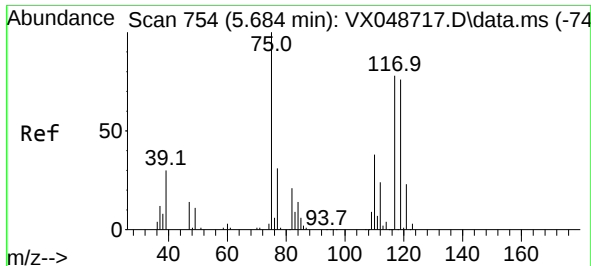
Tgt Ion:114 Resp: 286549
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.0
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 40.924 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion:113 Resp: 80744
Ion Ratio Lower Upper
113 100
111 101.6 79.5 119.3
192 19.3 16.1 24.1

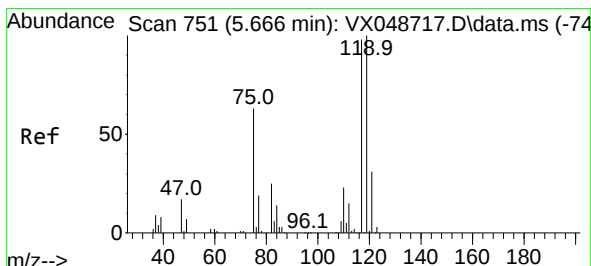
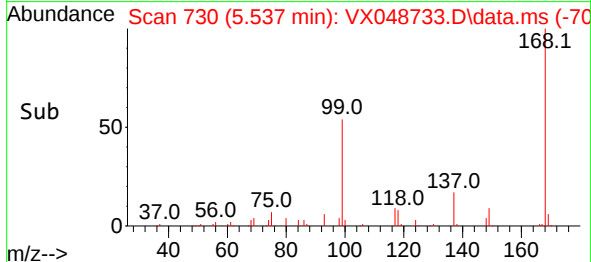
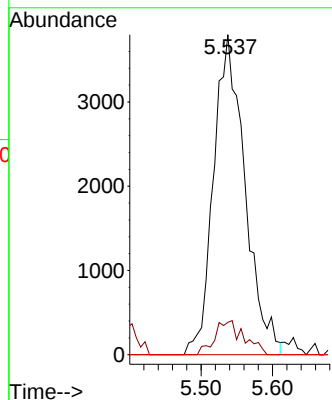
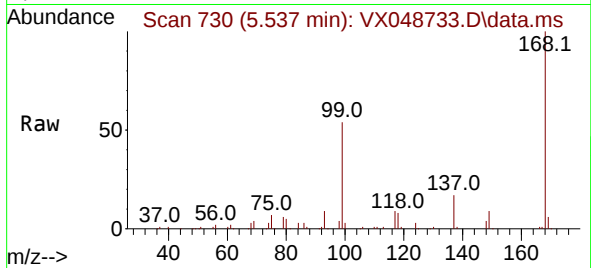




#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

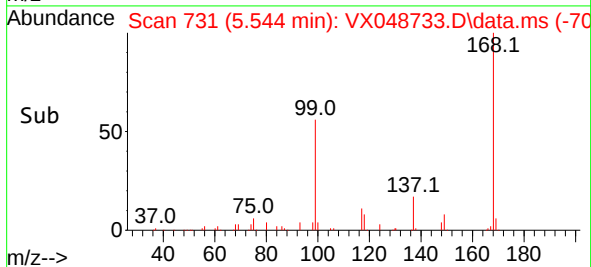
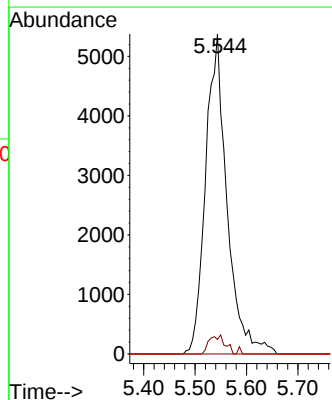
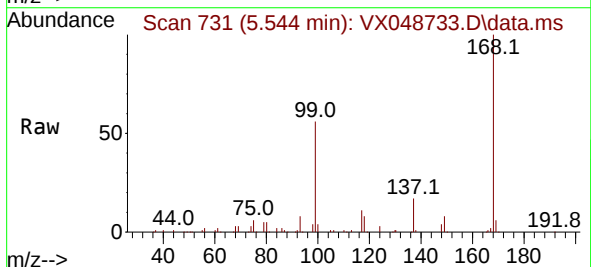
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MSVOA_X
ClientSampleId :
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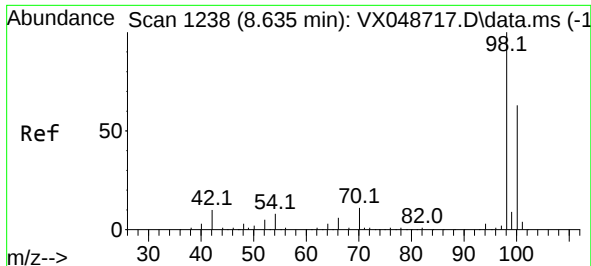
Tgt Ion: 75 Resp: 11580
Ion Ratio Lower Upper
75 100
110 9.9 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.069 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion: 117 Resp: 15516
Ion Ratio Lower Upper
117 100
119 4.5 80.5 120.7#
121 0.0 25.4 38.0#

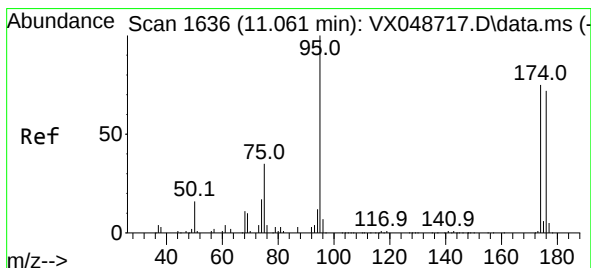
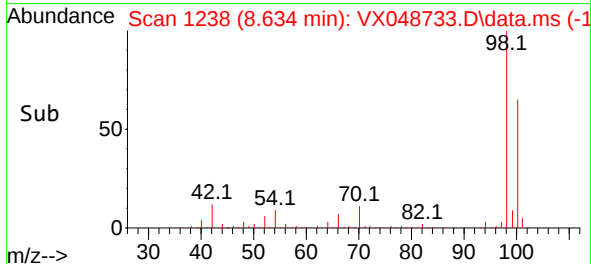
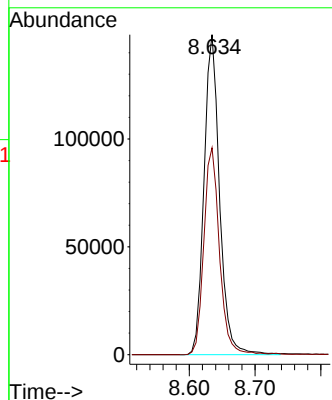
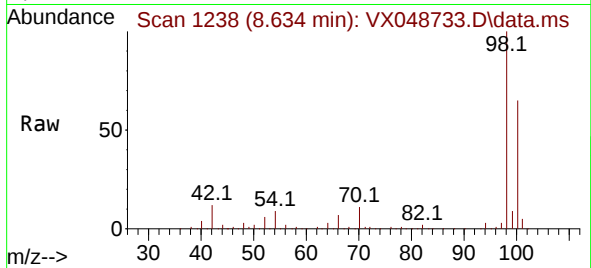




#50
Toluene-d8
Concen: 35.291 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

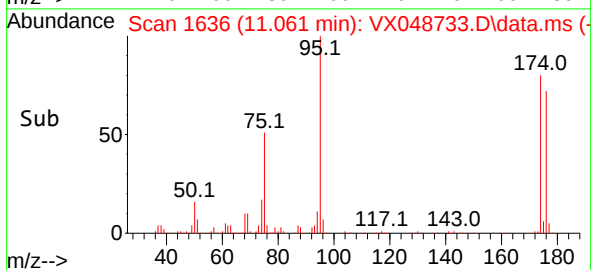
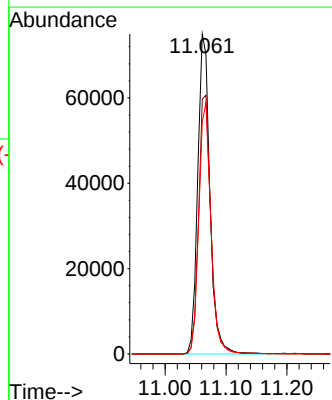
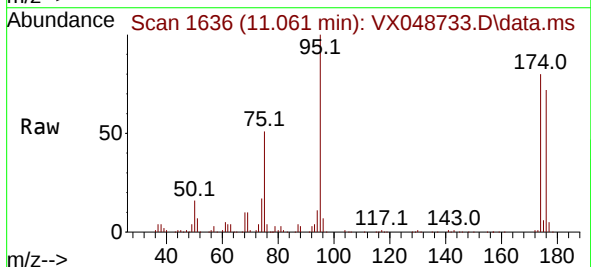
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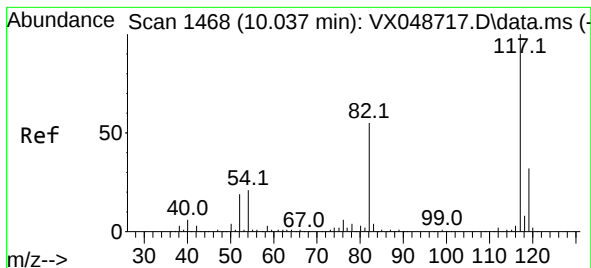
Tgt Ion: 98 Resp: 244075
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 43.546 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion: 95 Resp: 103850
Ion Ratio Lower Upper
95 100
174 81.4 0.0 157.8
176 78.1 0.0 154.0

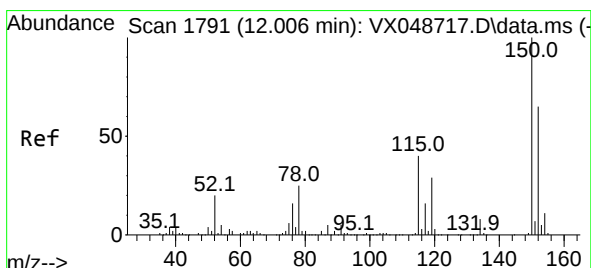
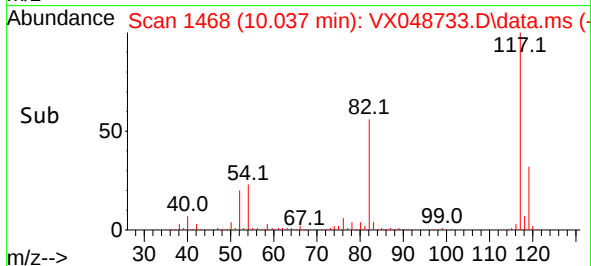
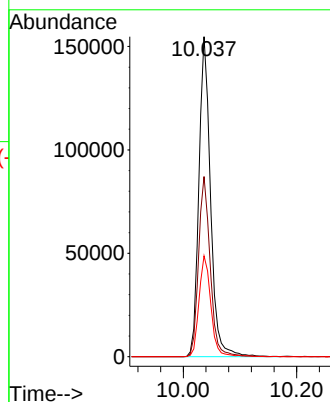
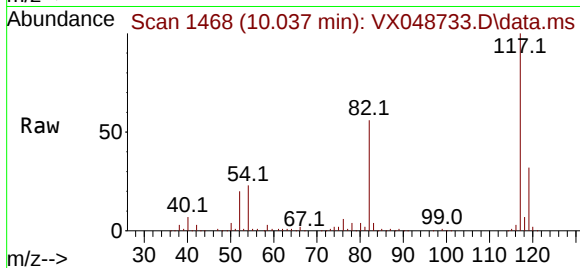




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

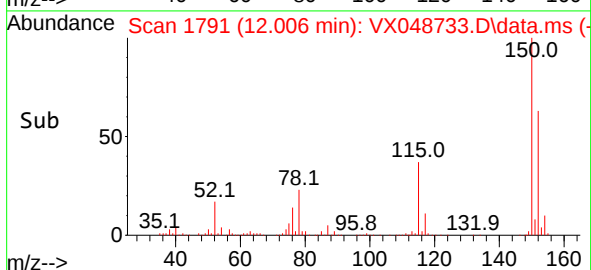
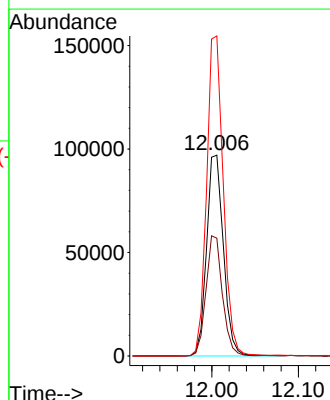
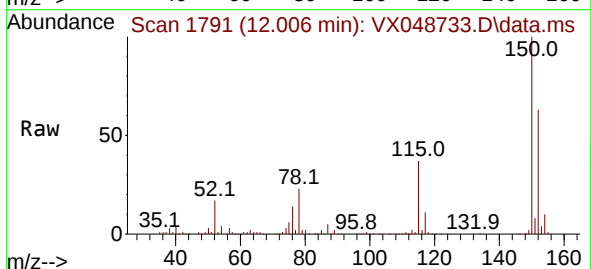
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

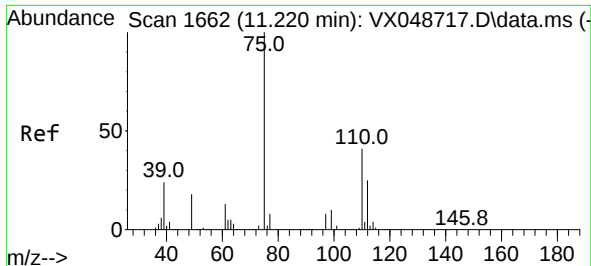
Tgt Ion:117 Resp: 220300
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Tgt Ion:152 Resp: 131055
Ion Ratio Lower Upper
152 100
115 58.4 42.1 126.4
150 156.9 0.0 347.8

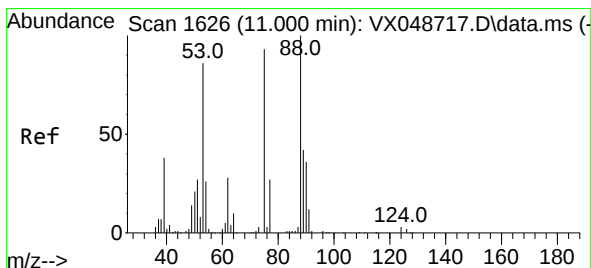
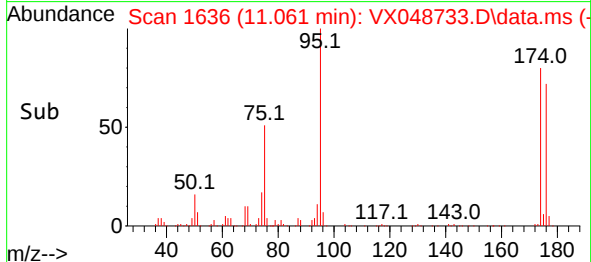
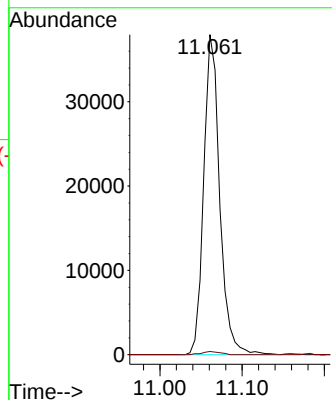
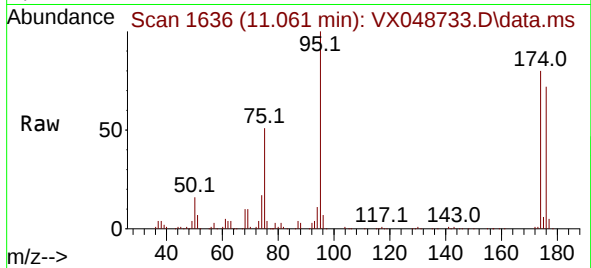




#76
1,2,3-Trichloropropane
Concen: 20.976 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

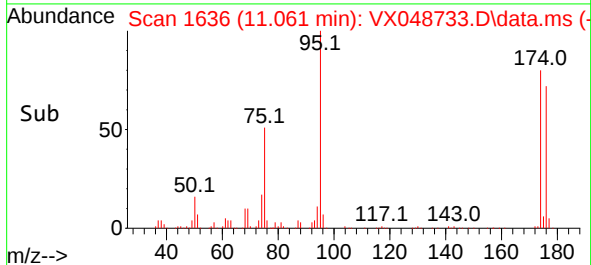
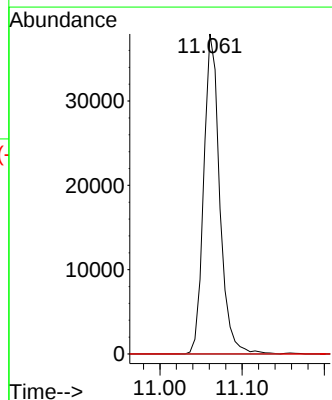
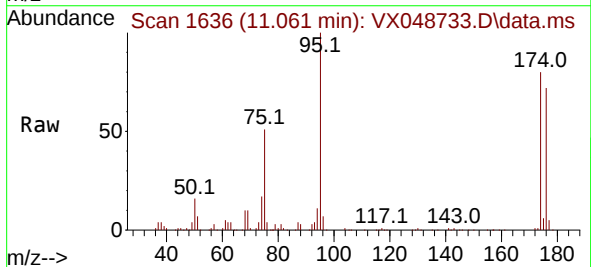
Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325

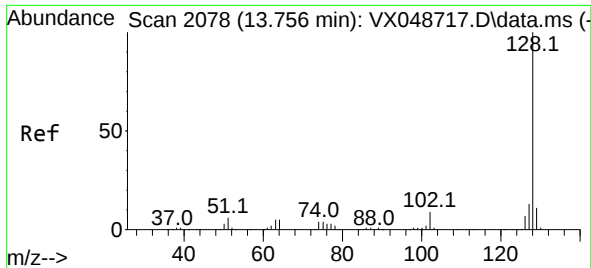
Tgt Ion: 75 Resp: 51200
Ion Ratio Lower Upper
75 100
77 1.1 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.825 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

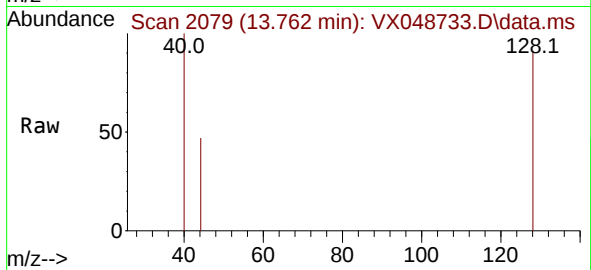
Tgt Ion: 75 Resp: 51200
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#





#95
Naphthalene
Concen: Below Cal
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048733.D
Acq: 05 Dec 2025 14:13

Instrument :
MSVOA_X
ClientSampleId :
MW-14B-46-120325



Tgt Ion:128 Resp: 308
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

