

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048802.D
 Acq On : 10 Dec 2025 12:07
 Operator : JC/MD
 Sample : Q3803-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-IDL

Quant Time: Dec 10 12:27:22 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)

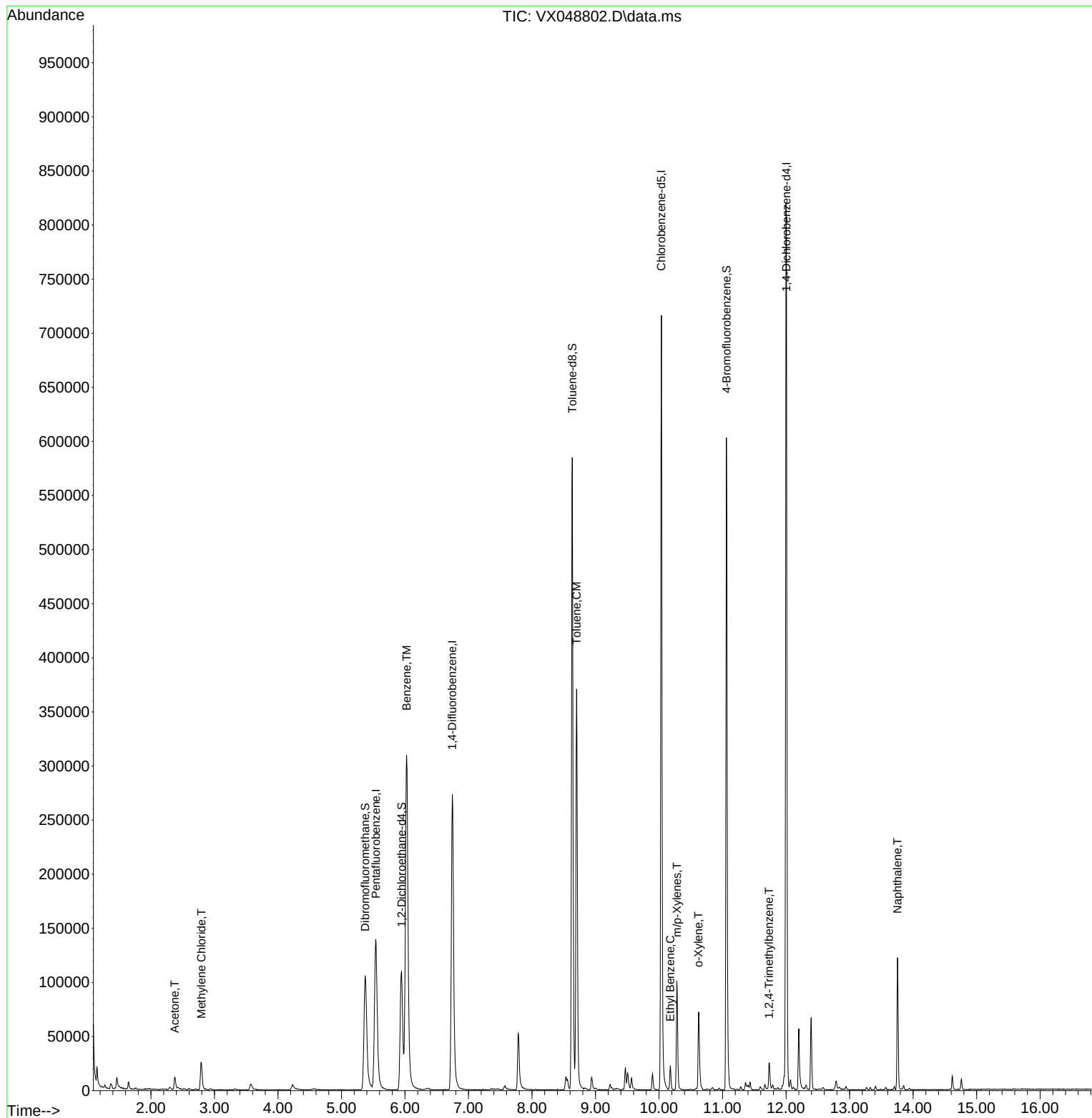
Internal Standards						
1) Pentafluorobenzene	5.544	168	145987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	310496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	345316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	188614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123676	63.119	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.240%#	
35) Dibromofluoromethane	5.373	113	107123	50.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.220%	
50) Toluene-d8	8.635	98	369391	49.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	11.061	95	170213	65.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 131.740%#	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	16483	21.974	ug/l	99
20) Methylene Chloride	2.794	84	13201	7.041	ug/l	92
40) Benzene	6.025	78	415595	47.878	ug/l	100
52) Toluene	8.702	92	147928	28.261	ug/l	98
67) Ethyl Benzene	10.177	91	13574	1.101	ug/l	97
68) m/p-Xylenes	10.281	106	24732	5.148	ug/l	100
69) o-Xylene	10.622	106	16091	3.574	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	11743	1.114	ug/l	79
95) Naphthalene	13.756	128	76458	6.312	ug/l	99

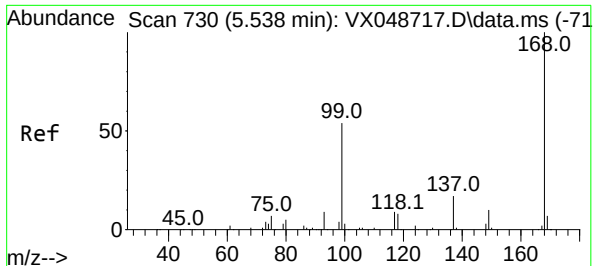
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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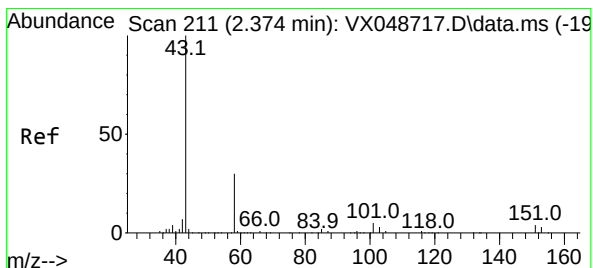
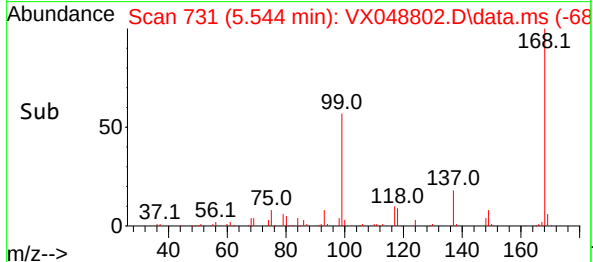
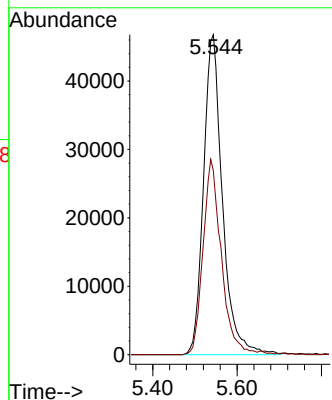
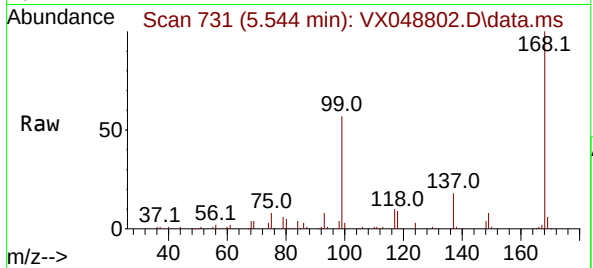




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

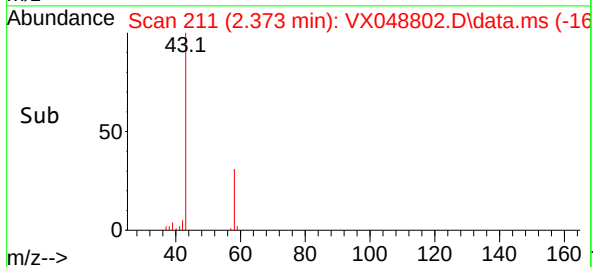
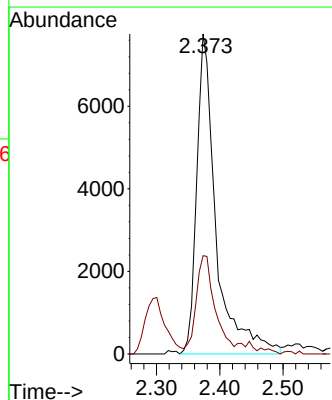
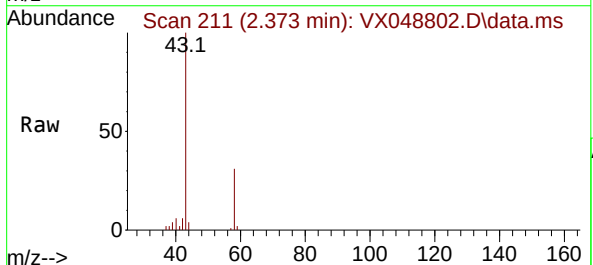
Instrument :
MSVOA_X
ClientSampleId :
CHASE-IDL

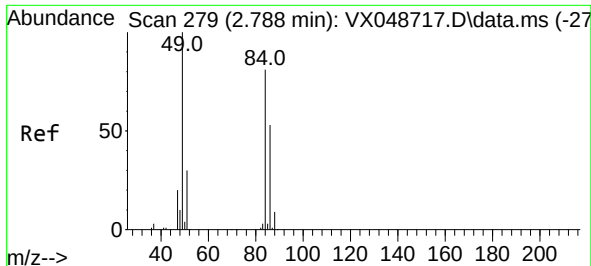
Tgt Ion:168 Resp: 145987
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#16
Acetone
Concen: 21.974 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

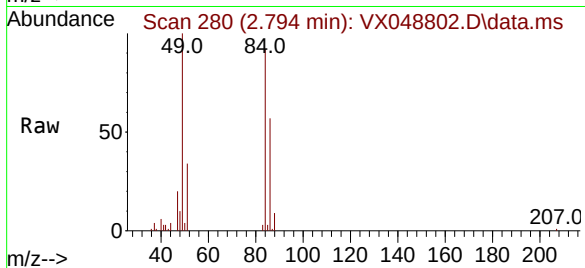
Tgt Ion: 43 Resp: 16483
Ion Ratio Lower Upper
43 100
58 30.7 25.0 37.4



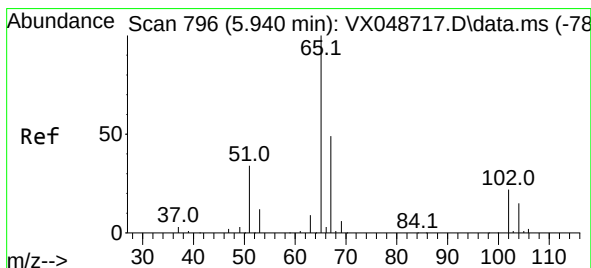
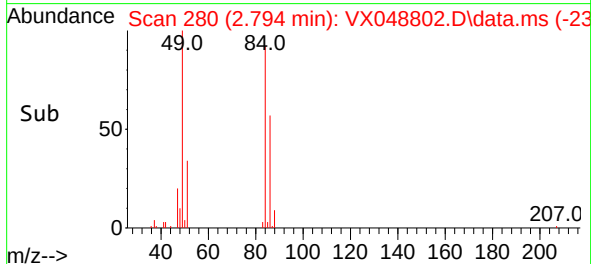
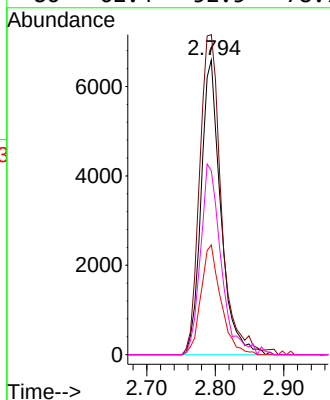


#20
Methylene Chloride
Concen: 7.041 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
CHASE-IDL

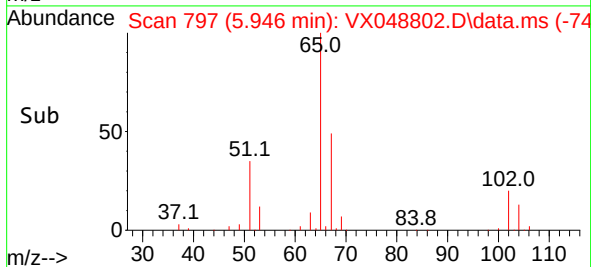
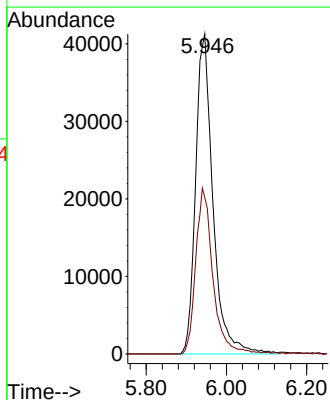
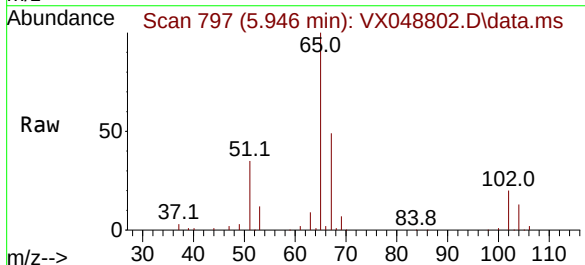


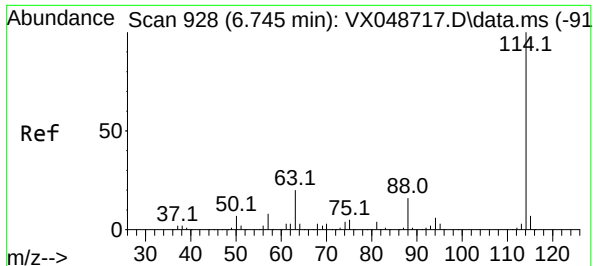
Tgt Ion:	84	Resp:	13201
Ion	Ratio	Lower	Upper
84	100		
49	108.6	98.7	148.1
51	37.2	29.4	44.2
86	62.4	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 63.119 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Tgt Ion:	65	Resp:	123676
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	107.4

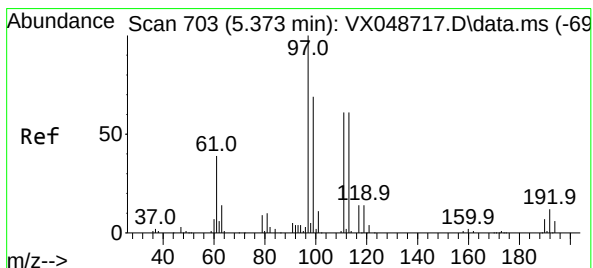
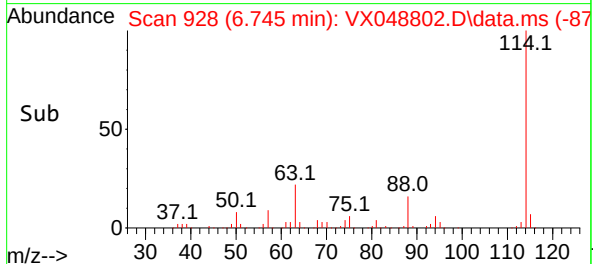
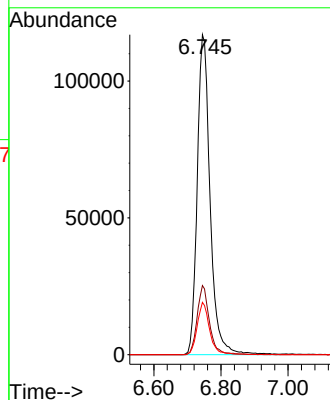
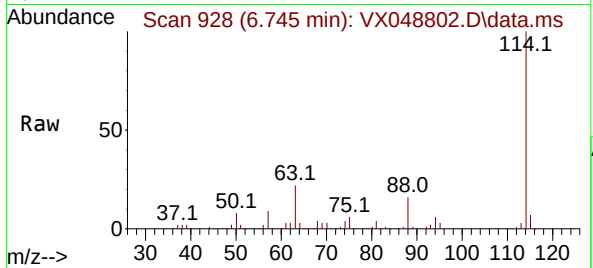




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

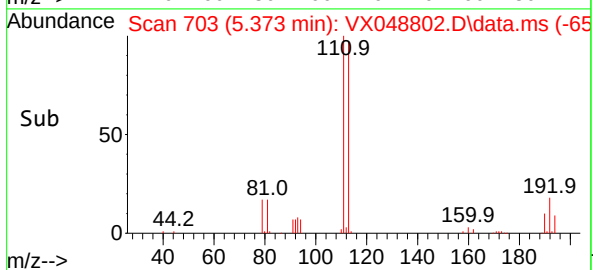
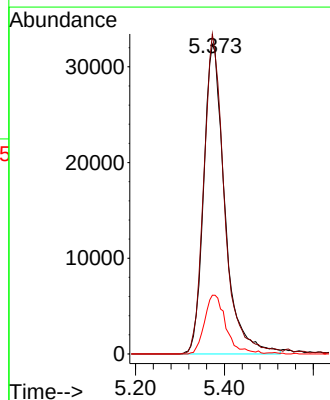
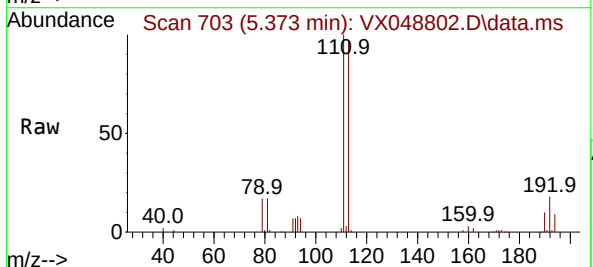
Instrument :
MSVOA_X
ClientSampleId :
CHASE-IDL

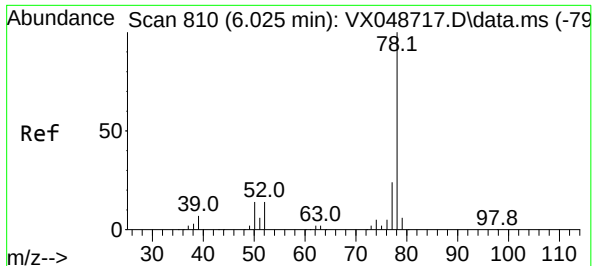
Tgt Ion:114 Resp: 310496
Ion Ratio Lower Upper
114 100
63 21.6 0.0 39.0
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Tgt Ion:113 Resp: 107123
Ion Ratio Lower Upper
113 100
111 100.7 79.5 119.3
192 19.3 16.1 24.1

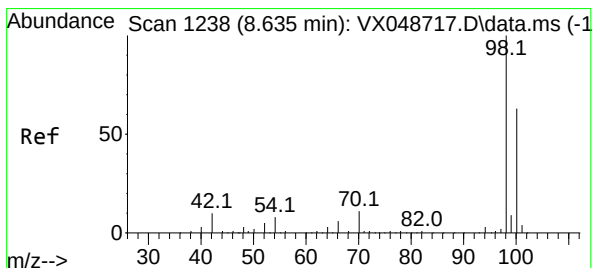
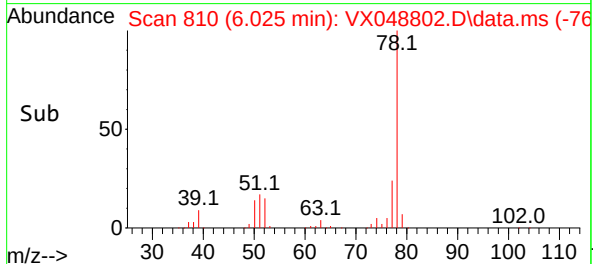
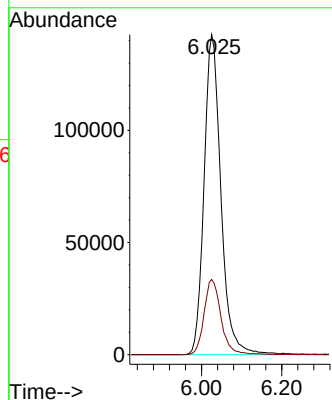
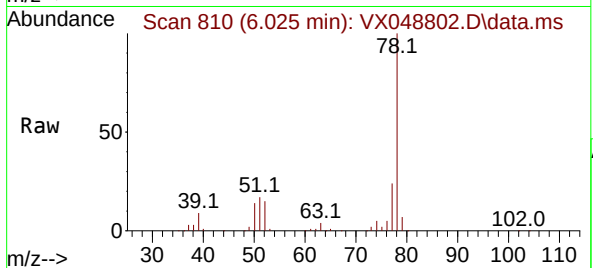




#40
Benzene
Concen: 47.878 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

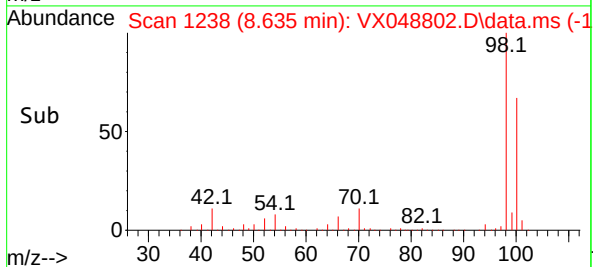
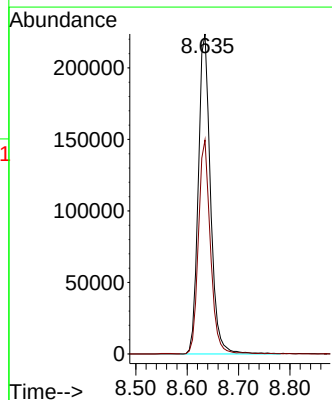
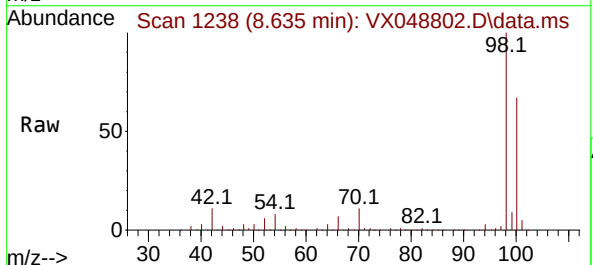
Instrument :
MSVOA_X
ClientSampleId :
CHASE-IDL

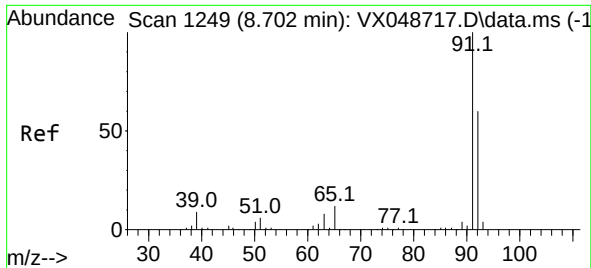
Tgt Ion: 78 Resp: 415595
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



#50
Toluene-d8
Concen: 49.292 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Tgt Ion: 98 Resp: 369391
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.0

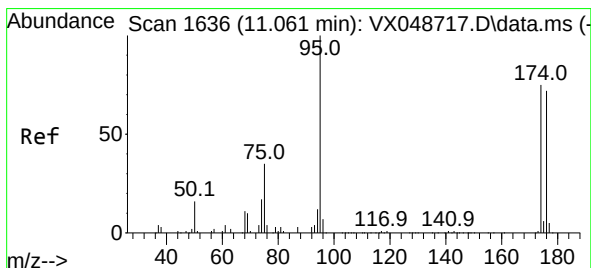
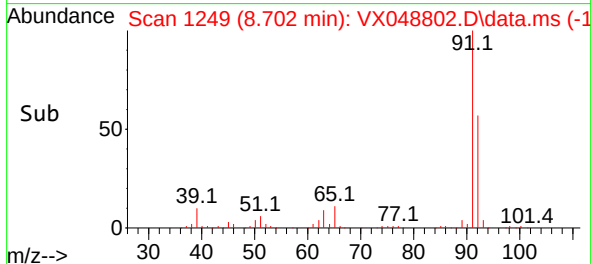
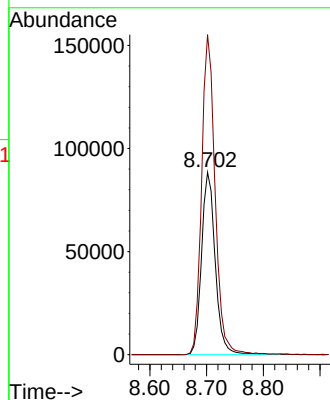
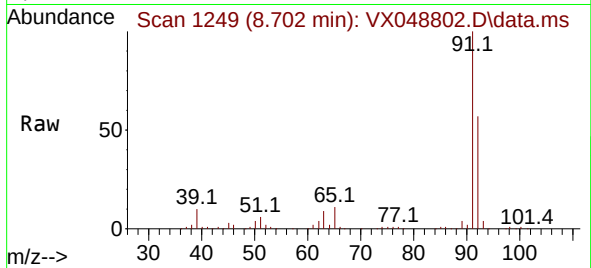




#52
Toluene
Concen: 28.261 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

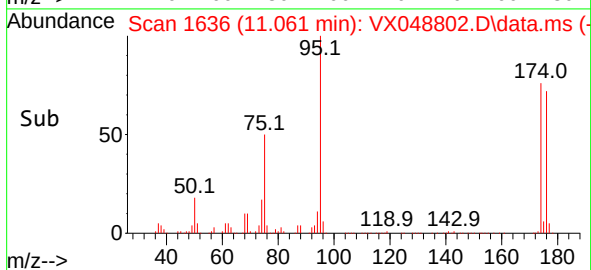
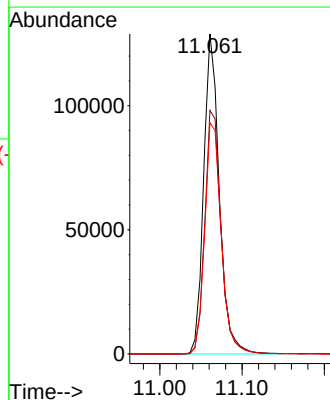
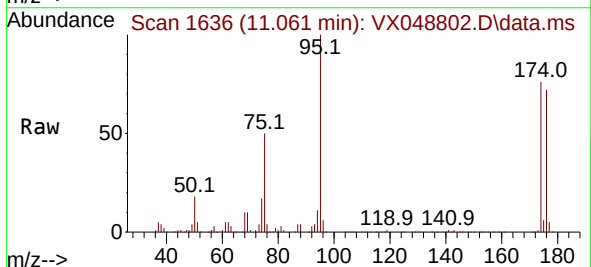
Instrument :
MSVOA_X
ClientSampleId :
CHASE-IDL

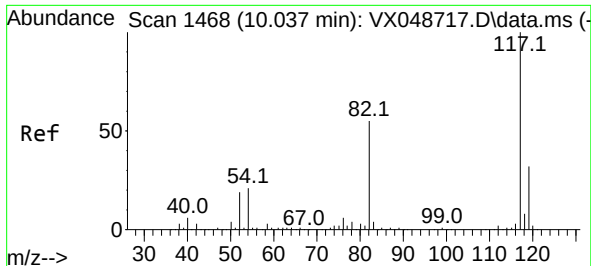
Tgt Ion: 92 Resp: 147928
Ion Ratio Lower Upper
92 100
91 172.8 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 65.868 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Tgt Ion: 95 Resp: 170213
Ion Ratio Lower Upper
95 100
174 79.4 0.0 157.8
176 76.6 0.0 154.0

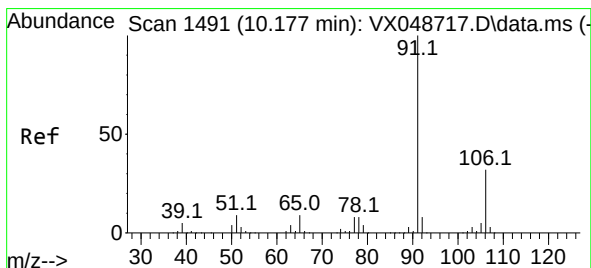
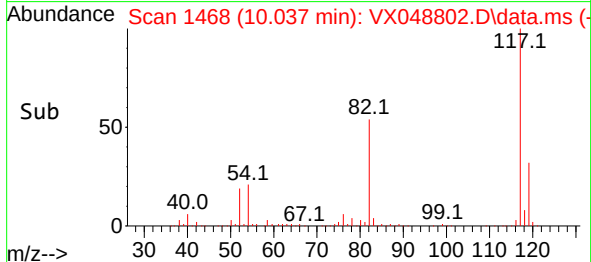
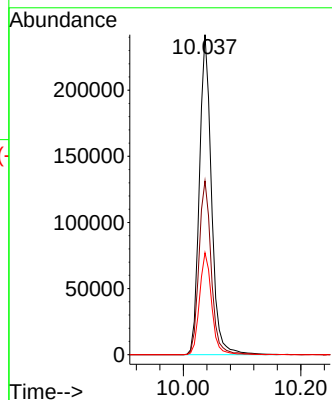
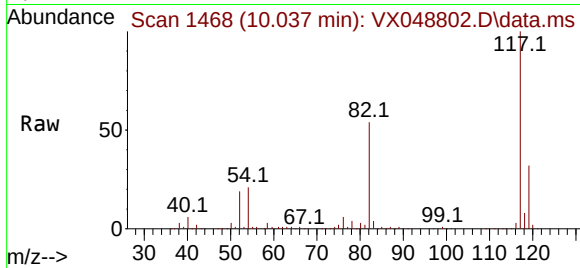




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

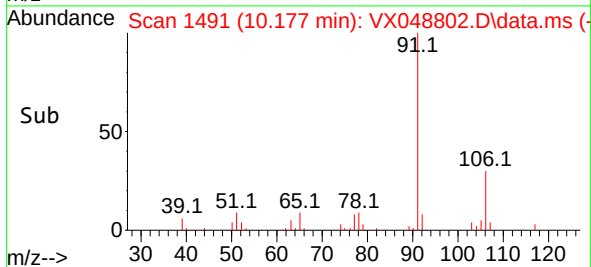
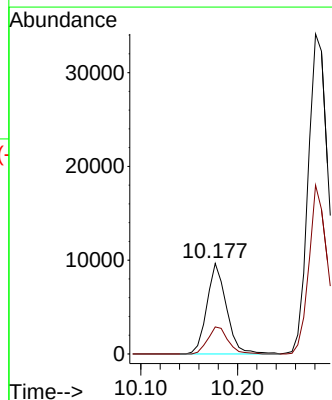
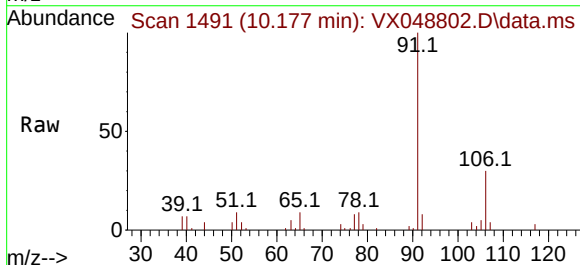
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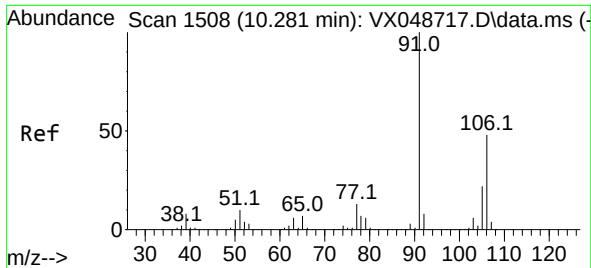
Tgt Ion:117 Resp: 345316
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 31.8 25.2 37.8



#67
Ethyl Benzene
Concen: 1.101 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Tgt Ion: 91 Resp: 13574
Ion Ratio Lower Upper
91 100
106 29.9 25.3 37.9

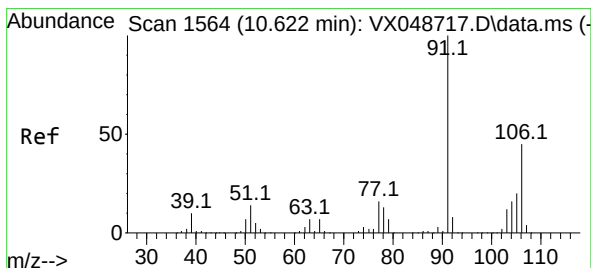
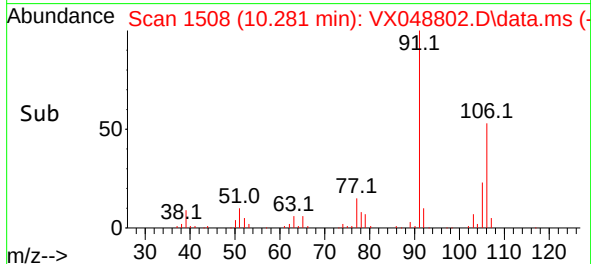
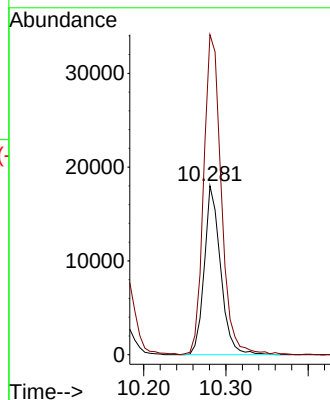
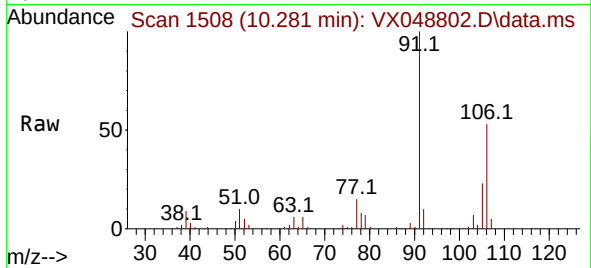




#68
m/p-Xylenes
Concen: 5.148 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

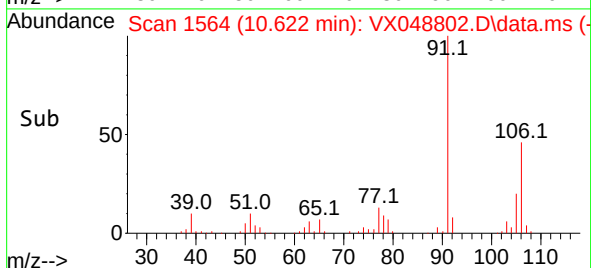
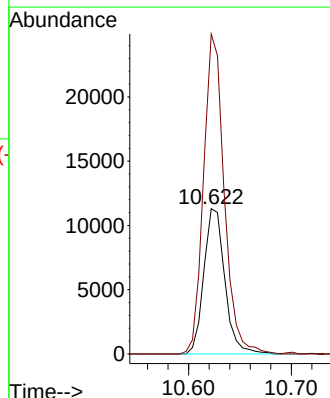
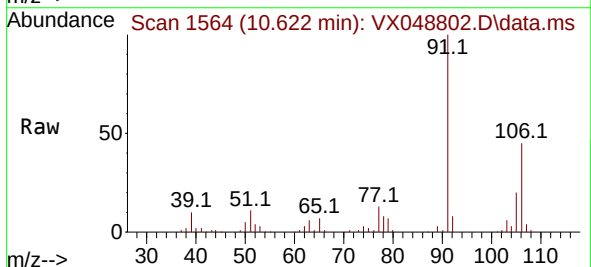
Instrument :
MSVOA_X
ClientSampleId :
CHASE-IDL

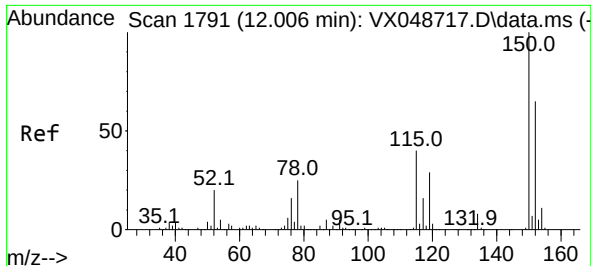
Tgt Ion:106 Resp: 24732
Ion Ratio Lower Upper
106 100
91 205.7 164.2 246.4



#69
o-Xylene
Concen: 3.574 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Tgt Ion:106 Resp: 16091
Ion Ratio Lower Upper
106 100
91 217.2 108.1 324.3

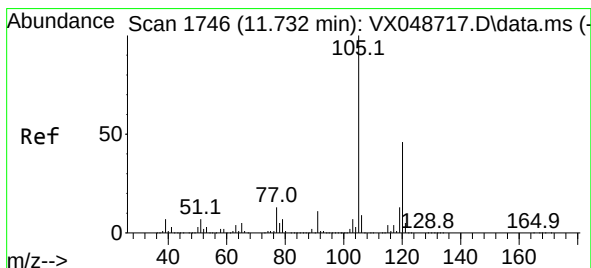
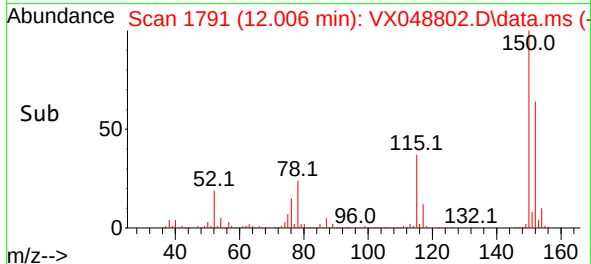
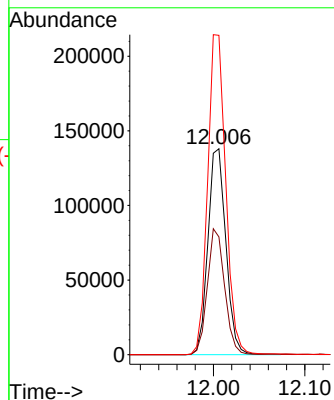
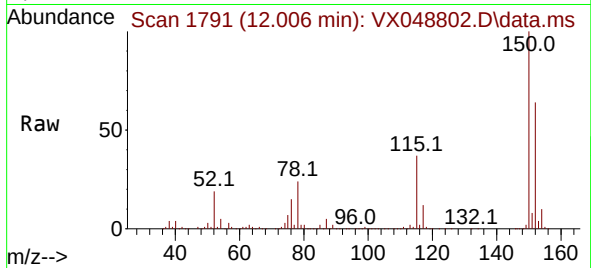




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX048802.D
 Acq: 10 Dec 2025 12:07

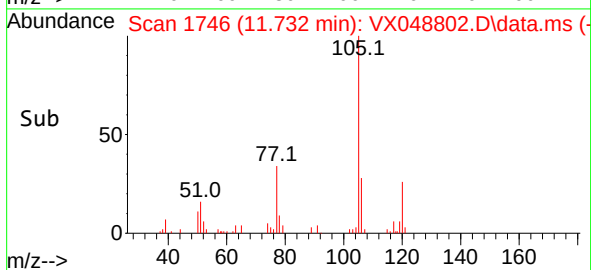
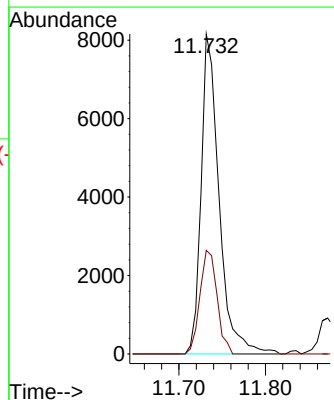
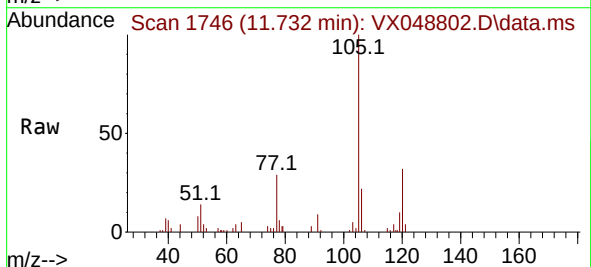
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASE-IDL

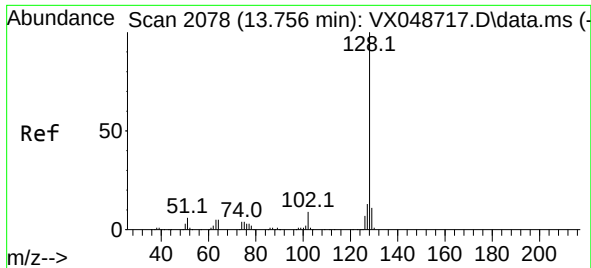
Tgt Ion:152 Resp: 188614
 Ion Ratio Lower Upper
 152 100
 115 58.8 42.1 126.4
 150 156.6 0.0 347.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.114 ug/l
 RT: 11.732 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: VX048802.D
 Acq: 10 Dec 2025 12:07

Tgt Ion:105 Resp: 11743
 Ion Ratio Lower Upper
 105 100
 120 30.9 22.3 66.8





#95
Naphthalene
Concen: 6.312 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048802.D
Acq: 10 Dec 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
CHASE-IDL

Tgt Ion:128 Resp: 76458
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 11.0 8.6 13.0

