

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048374.D
 Acq On : 27 Oct 2025 16:04
 Operator : JC/MD
 Sample : Q3446-07DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-20DL

Quant Time: Oct 28 01:55:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

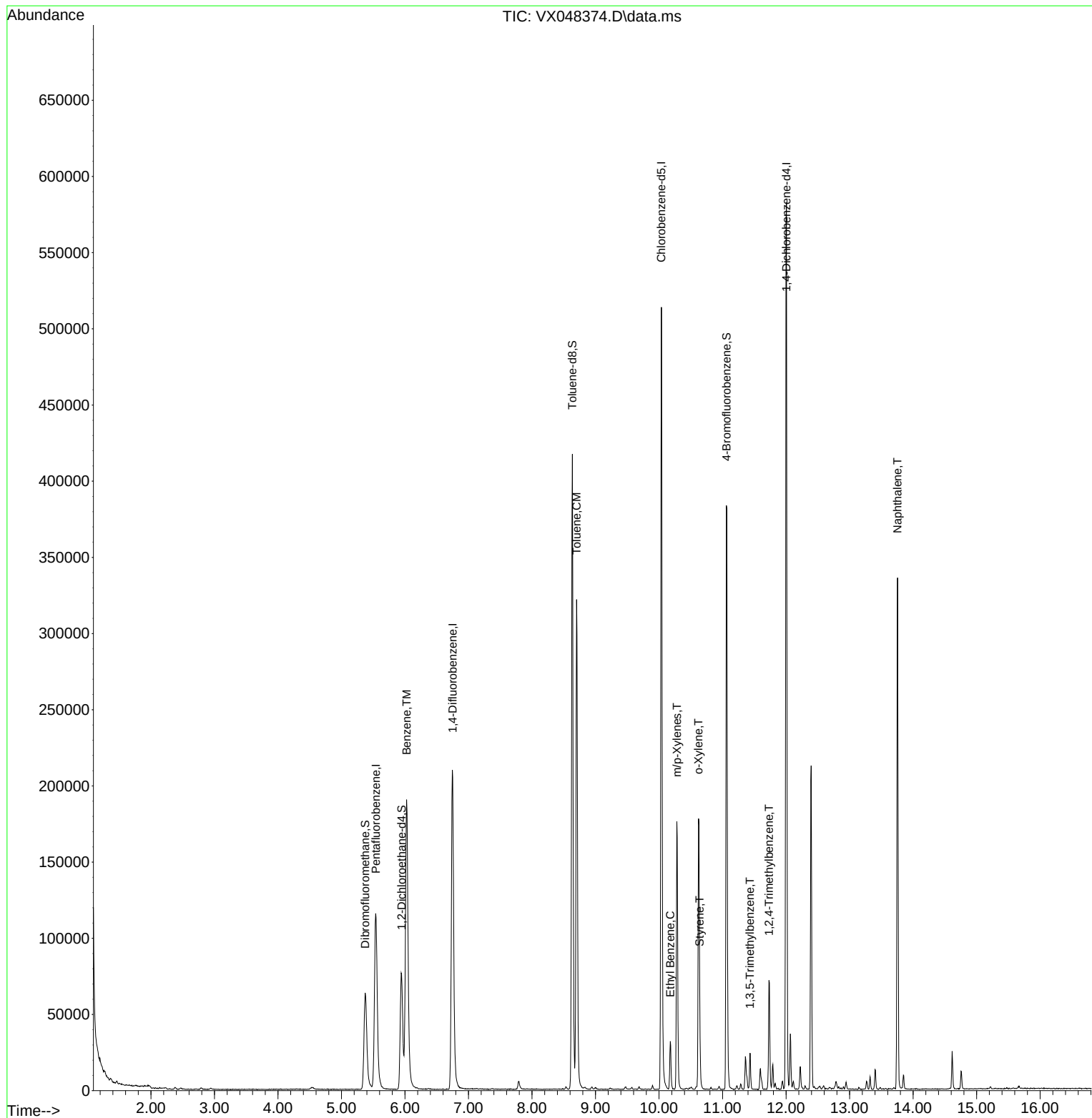
Internal Standards						
1) Pentafluorobenzene	5.544	168	116908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	230050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	237467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	86155	52.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.120%
35) Dibromofluoromethane	5.373	113	62289	39.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.320%
50) Toluene-d8	8.635	98	252578	45.882	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.760%#
62) 4-Bromofluorobenzene	11.061	95	111995	53.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.960%
Target Compounds						
40) Benzene	6.025	78	242924	37.483	ug/l	Qvalue 99
52) Toluene	8.702	92	125574	30.500	ug/l	100
67) Ethyl Benzene	10.177	91	19215	2.113	ug/l	98
68) m/p-Xylenes	10.281	106	41819	12.375	ug/l	99
69) o-Xylene	10.622	106	38932	11.934	ug/l	98
70) Styrene	10.640	104	13449	2.421	ug/l	# 60
80) 1,3,5-Trimethylbenzene	11.433	105	10038	1.354	ug/l	95
84) 1,2,4-Trimethylbenzene	11.732	105	32701	4.418	ug/l	98
95) Naphthalene	13.756	128	194126	27.243	ug/l	99

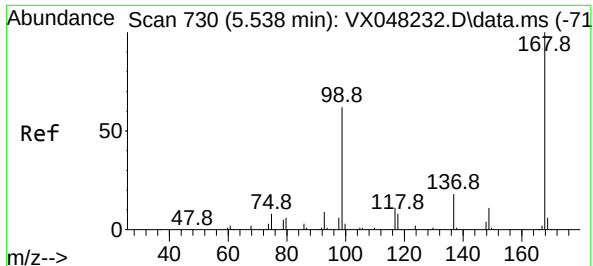
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
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SB-20DL

Quant Time: Oct 28 01:55:58 2025
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Quant Title : SW846 8260
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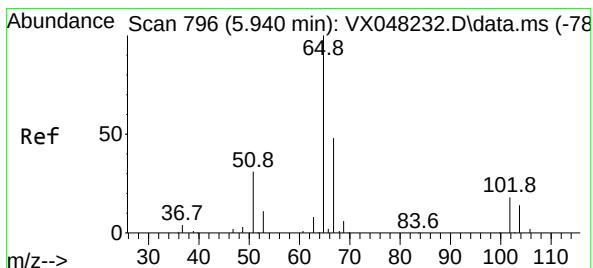
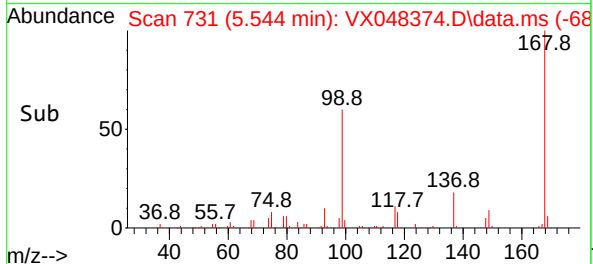
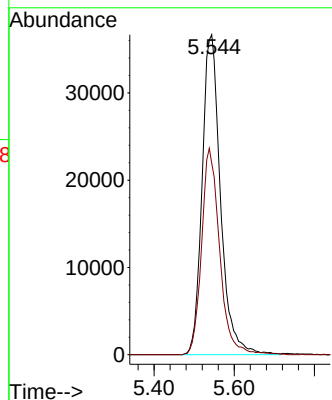
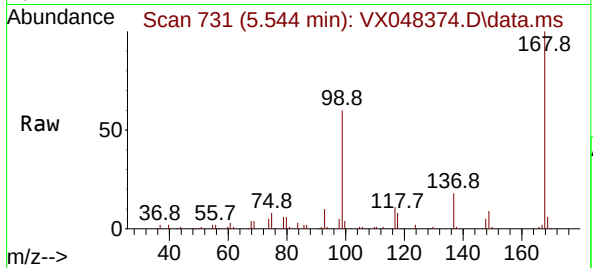




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

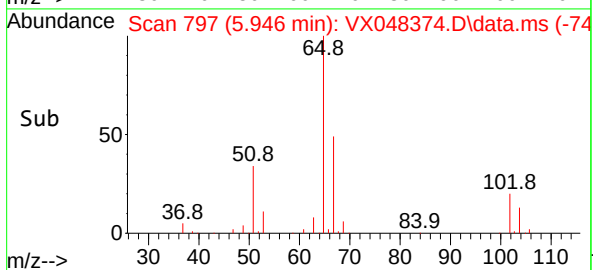
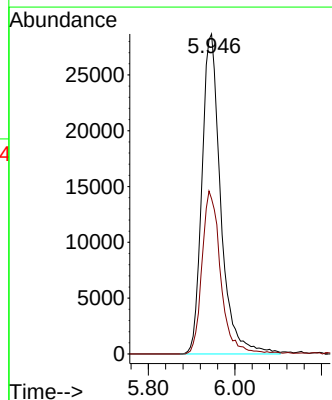
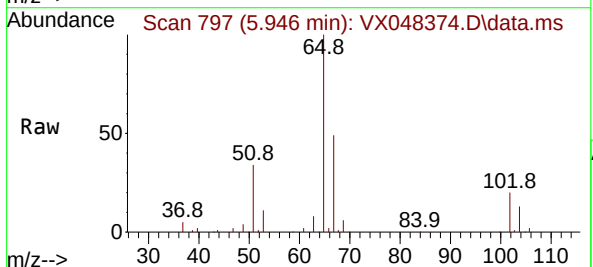
Instrument :
MSVOA_X
ClientSampleId :
SB-20DL

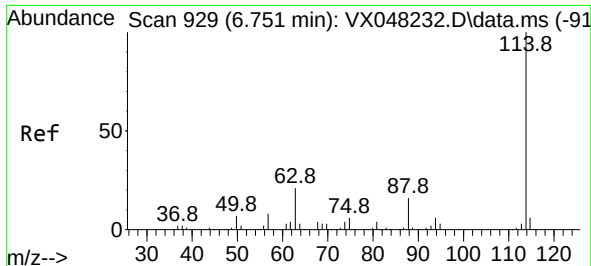
Tgt Ion:168 Resp: 116908
Ion Ratio Lower Upper
168 100
99 59.8 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.561 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Tgt Ion: 65 Resp: 86155
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0

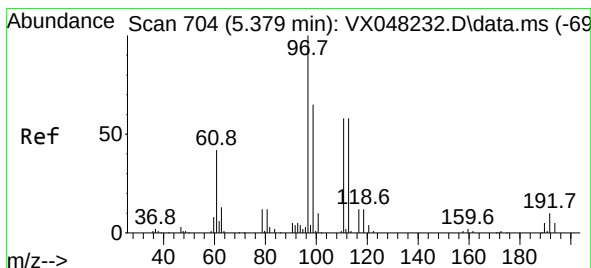
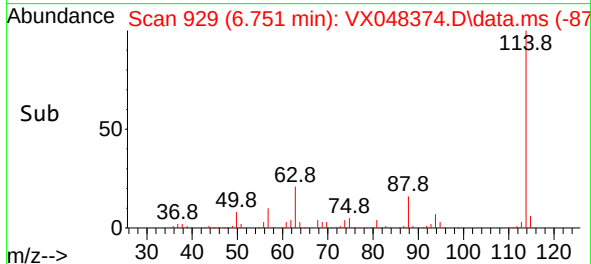
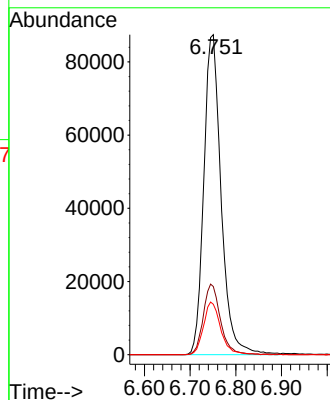
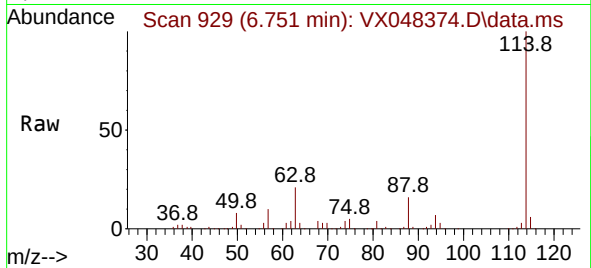




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

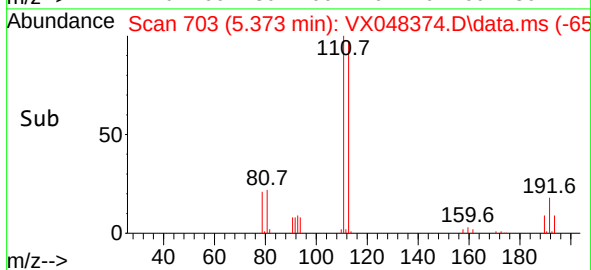
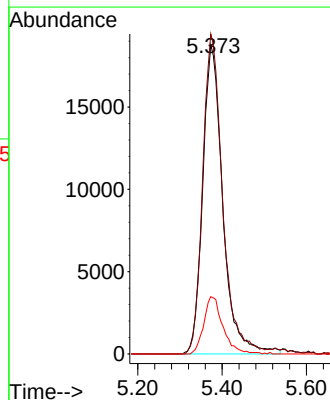
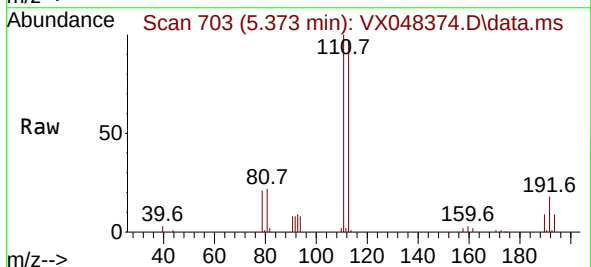
Instrument :
MSVOA_X
ClientSampleId :
SB-20DL

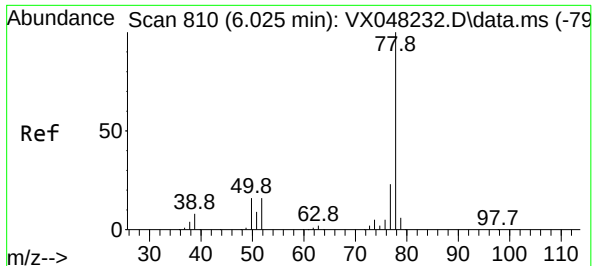
Tgt Ion:114 Resp: 230050
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 15.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 39.661 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Tgt Ion:113 Resp: 62289
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.7 15.1 22.7

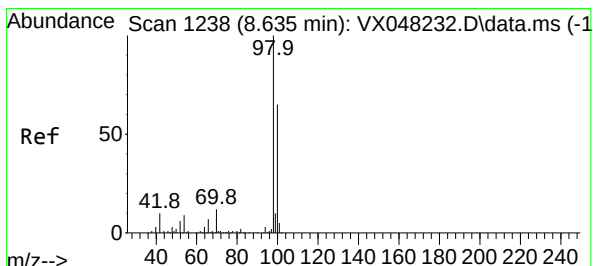
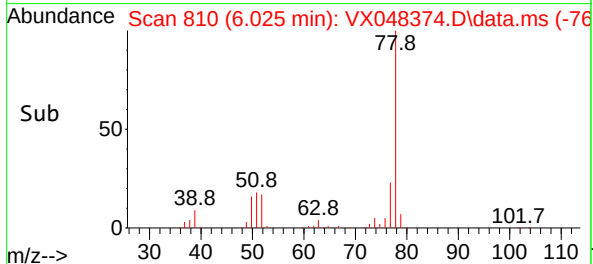
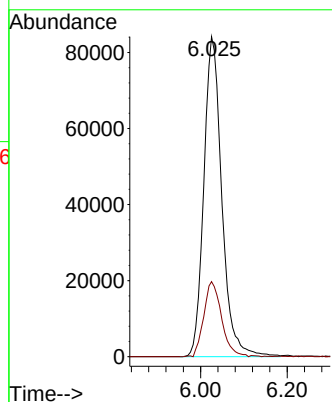
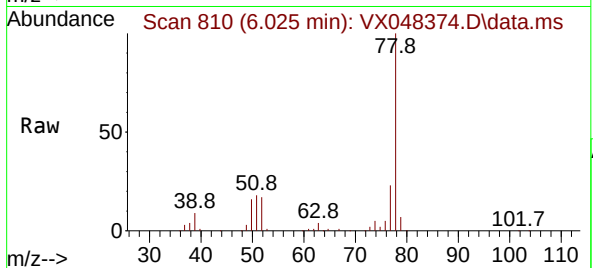




#40
Benzene
Concen: 37.483 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

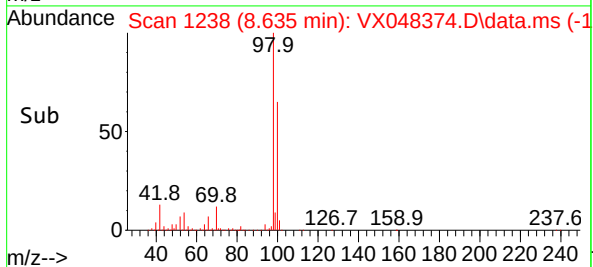
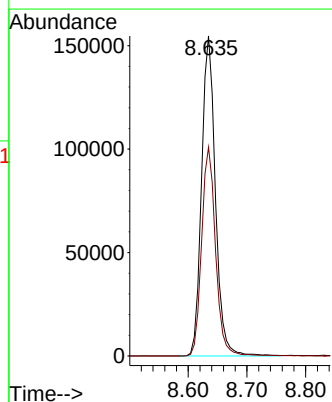
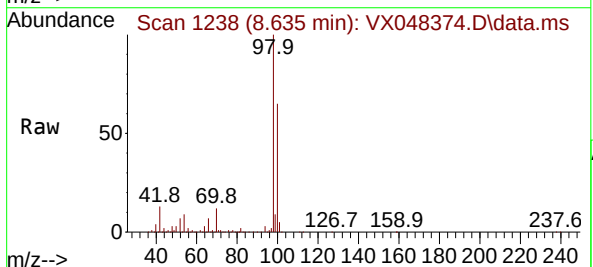
Instrument :
MSVOA_X
ClientSampleId :
SB-20DL

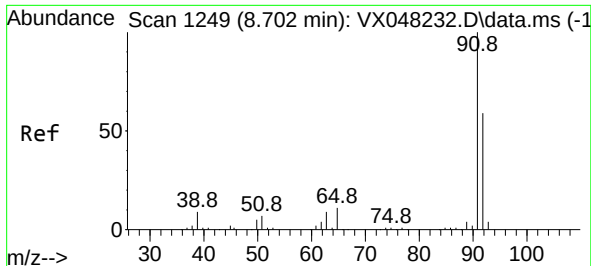
Tgt Ion: 78 Resp: 242924
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



#50
Toluene-d8
Concen: 45.882 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Tgt Ion: 98 Resp: 252578
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

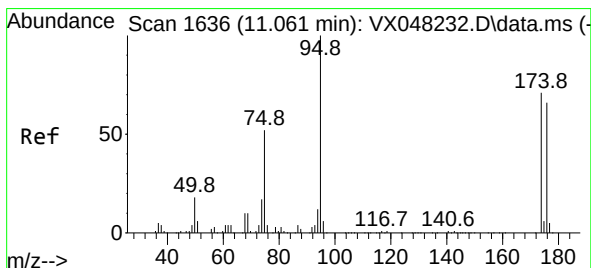
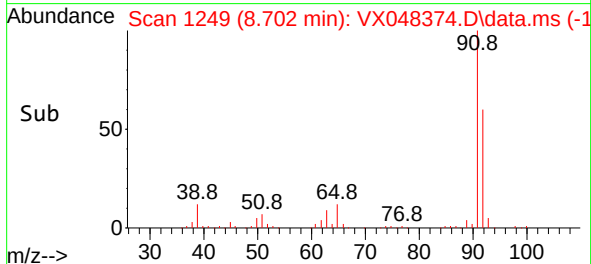
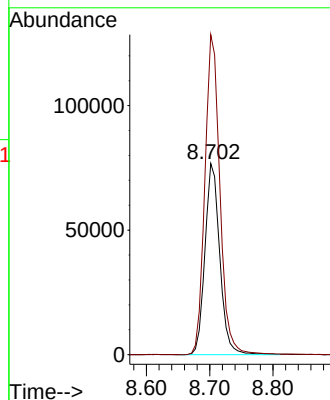
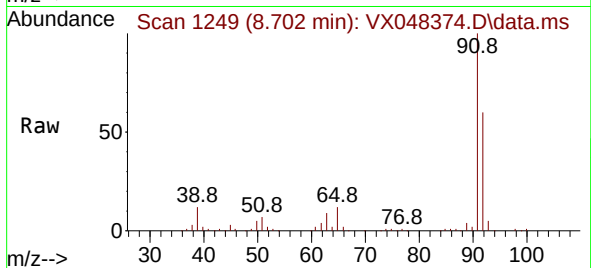




#52
Toluene
Concen: 30.500 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

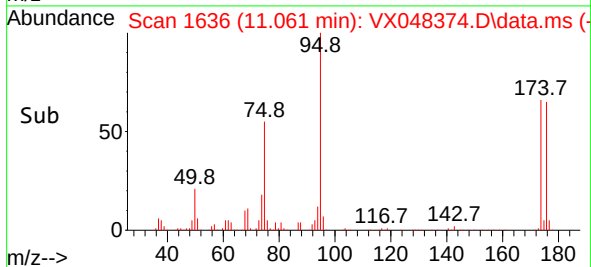
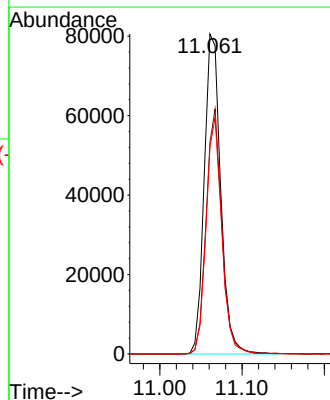
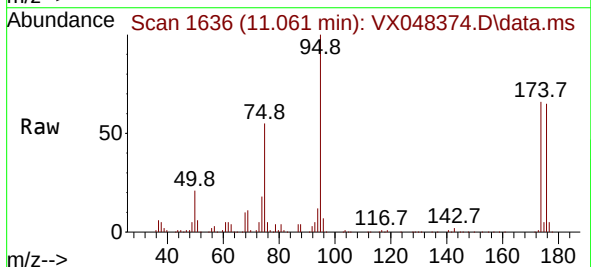
Instrument :
MSVOA_X
ClientSampleId :
SB-20DL

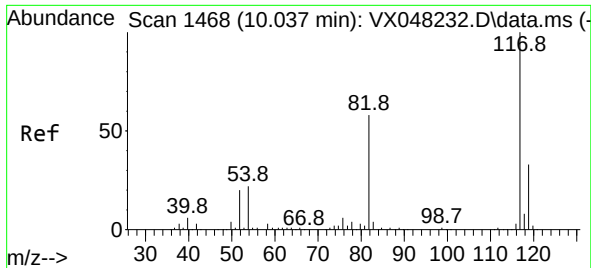
Tgt Ion: 92 Resp: 125574
Ion Ratio Lower Upper
92 100
91 169.6 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 53.478 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Tgt Ion: 95 Resp: 111995
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.8
176 70.1 0.0 142.8

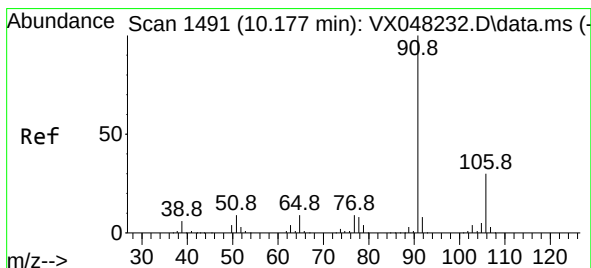
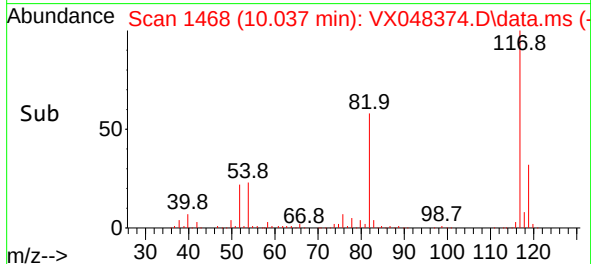
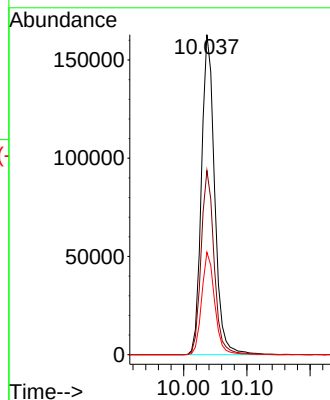
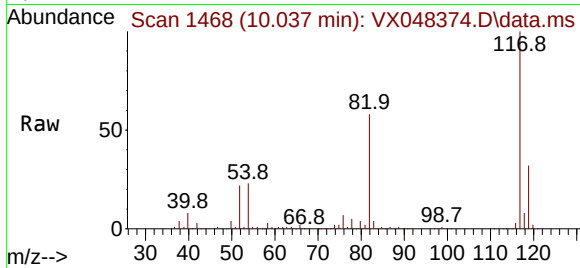




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

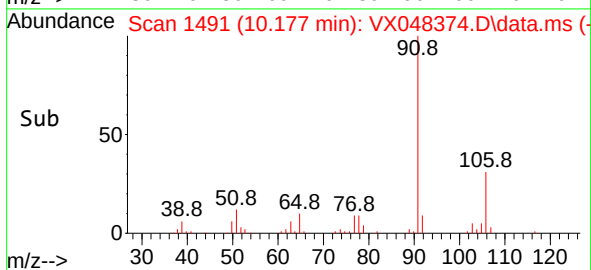
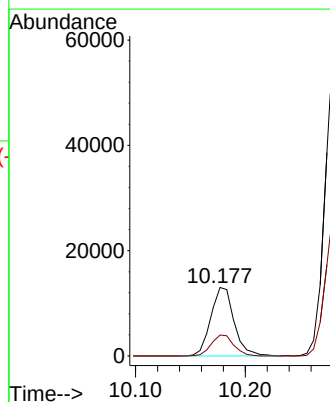
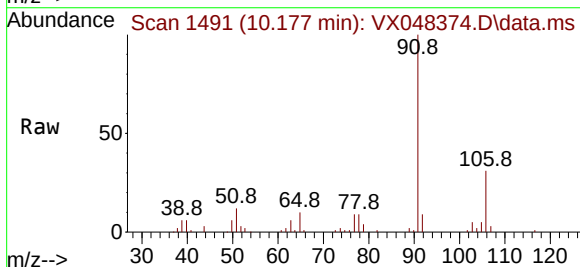
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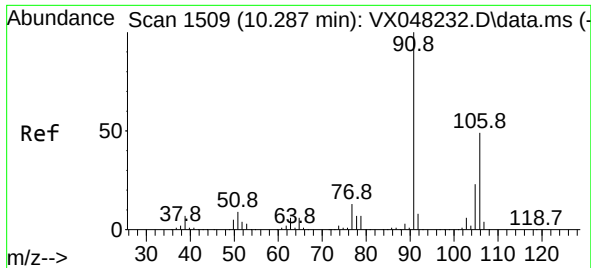
Tgt Ion:117 Resp: 237467
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 32.0 25.9 38.9



#67
Ethyl Benzene
Concen: 2.113 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Tgt Ion: 91 Resp: 19215
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

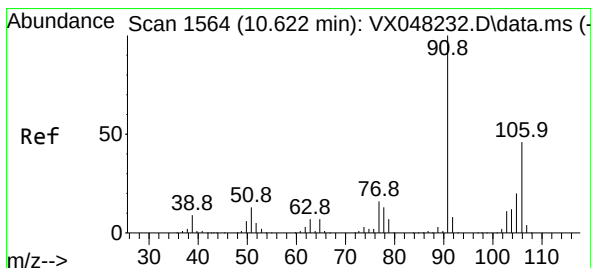
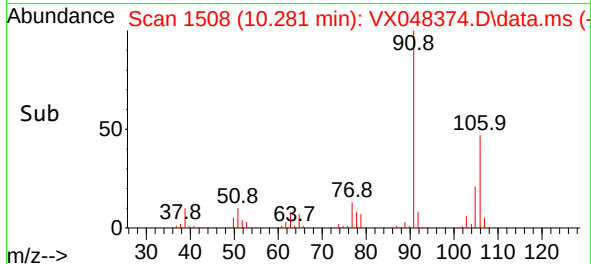
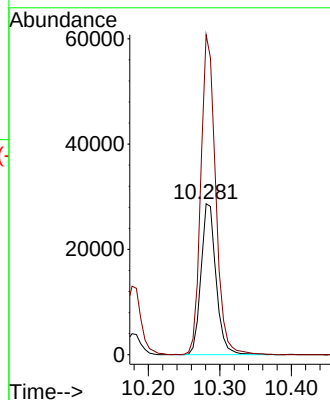
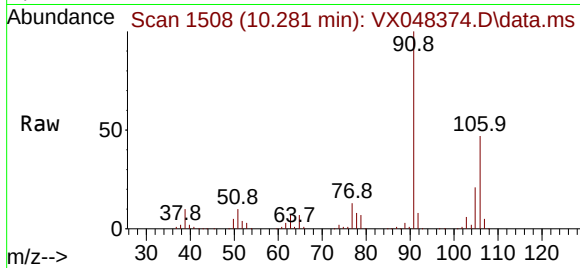




#68
m/p-Xylenes
Concen: 12.375 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

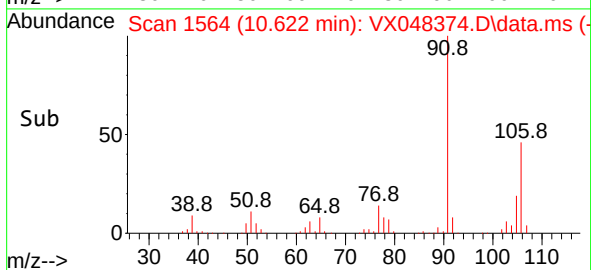
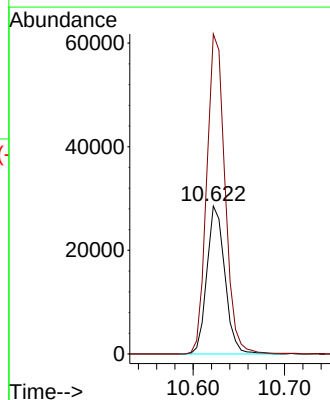
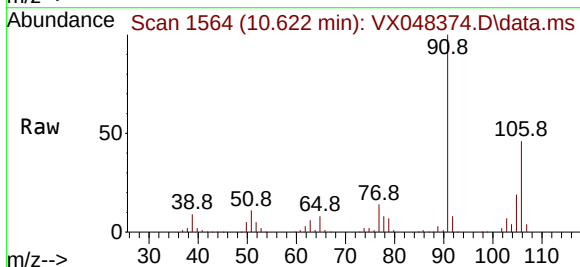
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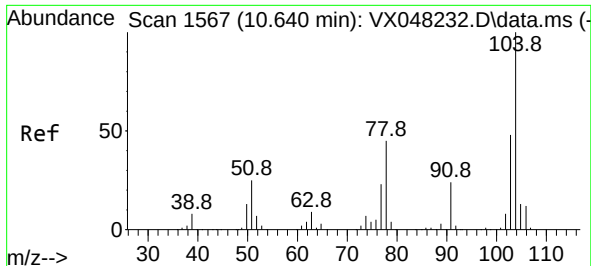
Tgt Ion:106 Resp: 41819
Ion Ratio Lower Upper
106 100
91 209.0 167.9 251.9



#69
o-Xylene
Concen: 11.934 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Tgt Ion:106 Resp: 38932
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.9

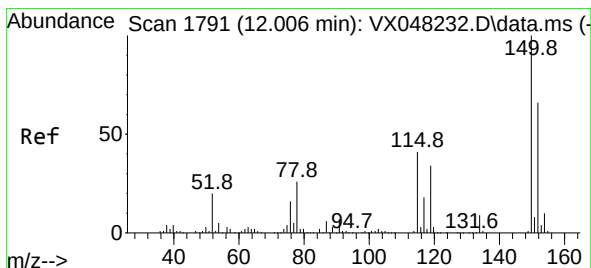
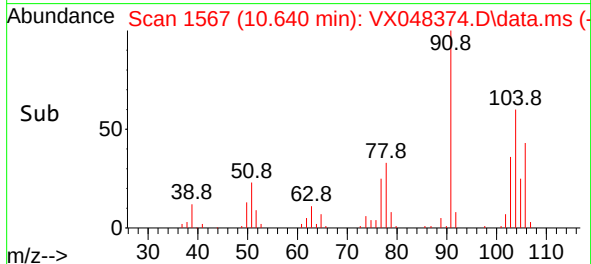
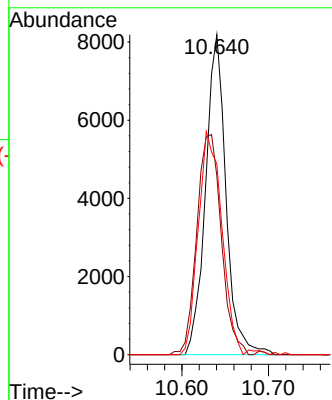
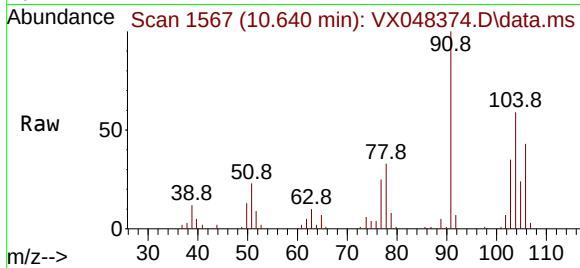




#70
Styrene
Concen: 2.421 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

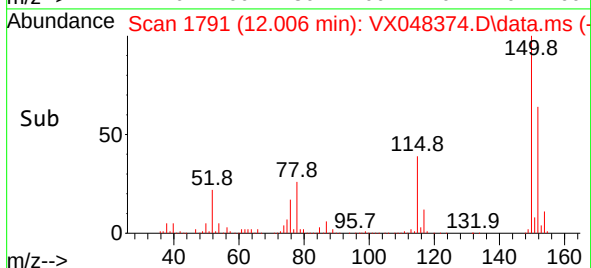
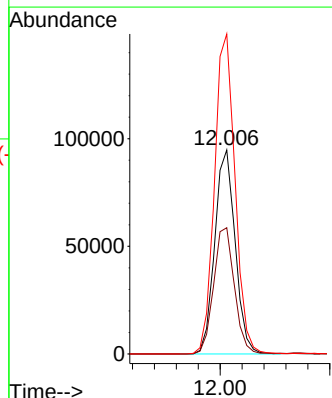
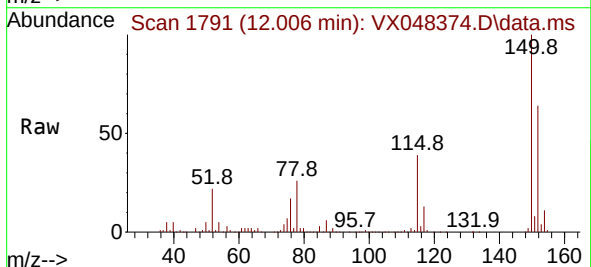
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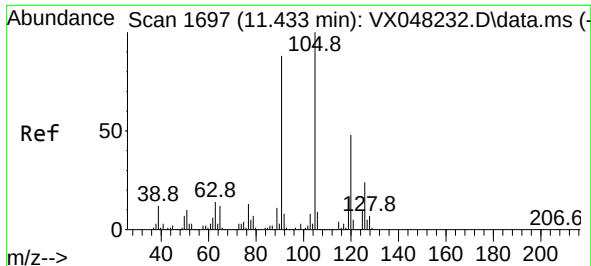
Tgt Ion:104 Resp: 13449
Ion Ratio Lower Upper
104 100
78 82.3 42.2 63.4#
103 80.5 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Tgt Ion:152 Resp: 122693
Ion Ratio Lower Upper
152 100
115 63.0 43.1 129.4
150 157.6 0.0 353.0

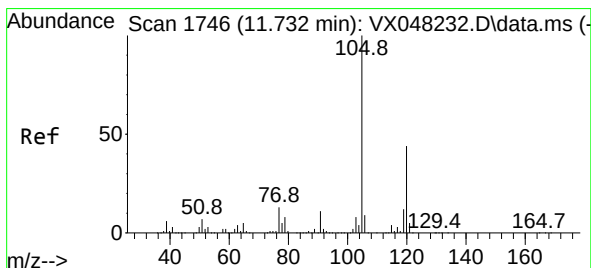
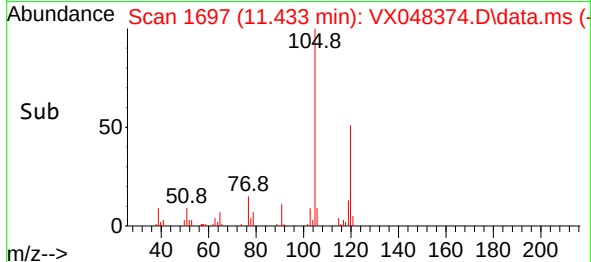
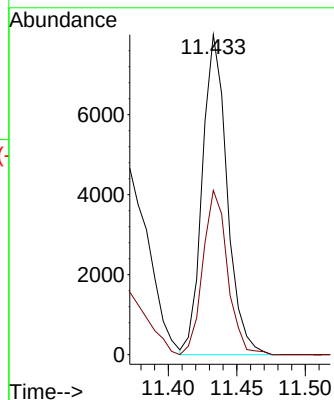
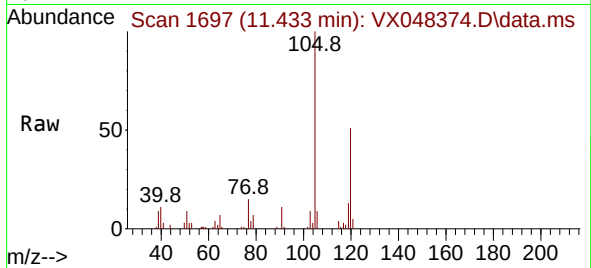




#80
1,3,5-Trimethylbenzene
Concen: 1.354 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

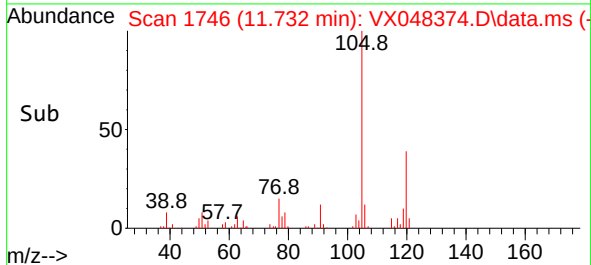
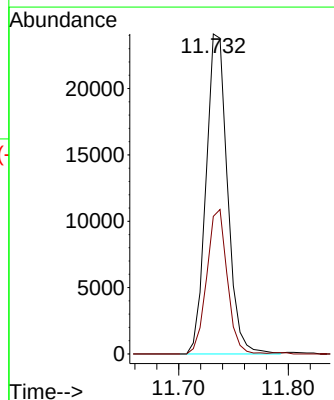
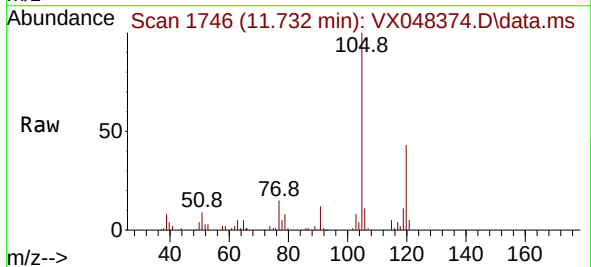
Instrument :
MSVOA_X
ClientSampleId :
SB-20DL

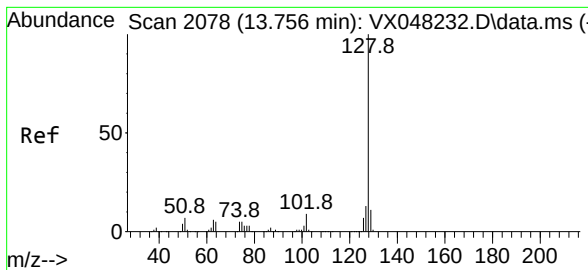
Tgt Ion:105 Resp: 10038
Ion Ratio Lower Upper
105 100
120 51.1 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 4.418 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

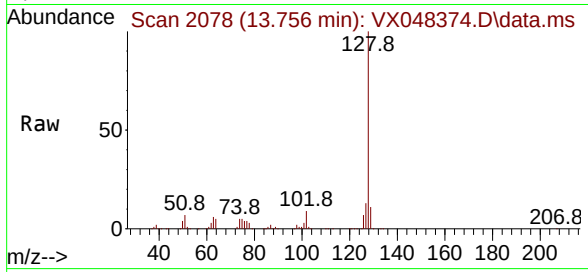
Tgt Ion:105 Resp: 32701
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.5





#95
Naphthalene
Concen: 27.243 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048374.D
Acq: 27 Oct 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
SB-20DL



Tgt Ion:128 Resp: 194126

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	12.8

