

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046445.D
 Acq On : 02 Jun 2025 15:36
 Operator : JC/MD
 Sample : Q2157-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 291

Quant Time: Jun 03 01:31:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

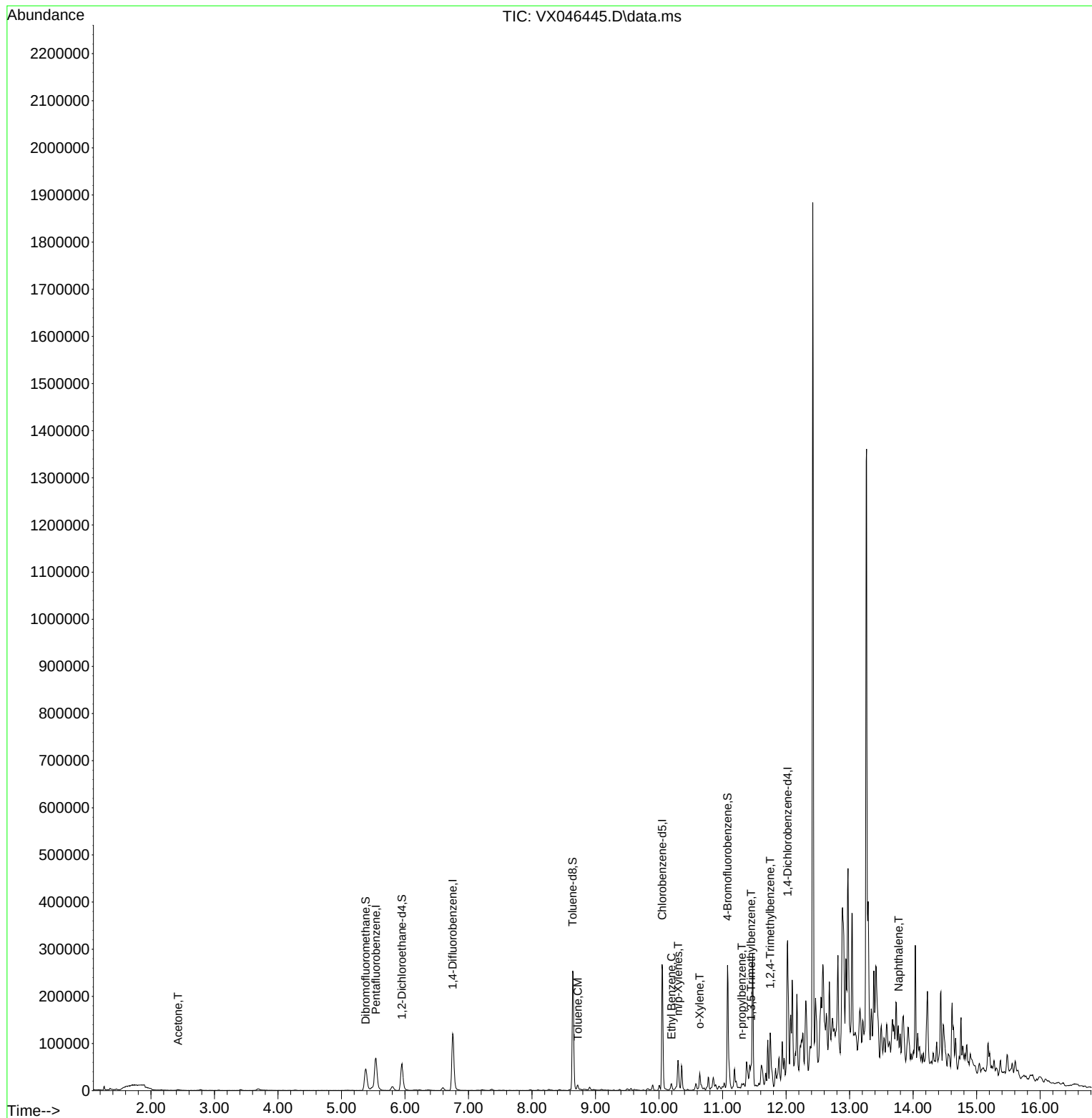
Internal Standards						
1) Pentafluorobenzene	5.544	168	58430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	116552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56969	52.298	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.600%
35) Dibromofluoromethane	5.379	113	40573	48.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.641	98	148183	51.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.079	95	61549	55.236	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.480%
Target Compounds						
					Qvalue	
16) Acetone	2.428	43	2900	6.640	ug/l #	89
52) Toluene	8.720	92	4733	2.337	ug/l	95
67) Ethyl Benzene	10.195	91	8065	1.836	ug/l	97
68) m/p-Xylenes	10.299	106	13819	8.602	ug/l	97
69) o-Xylene	10.640	106	7245	4.626	ug/l	96
78) n-propylbenzene	11.305	91	6442	1.327	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	14837	4.253	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	40880	11.570	ug/l	100
95) Naphthalene	13.774	128	18620	4.978	ug/l #	94

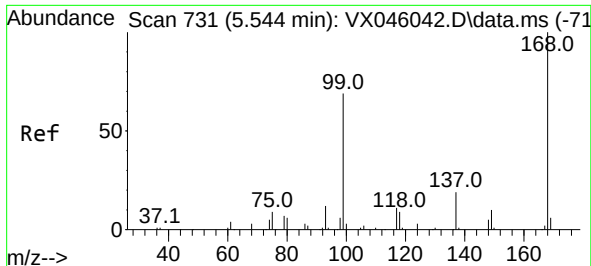
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Response via : Initial Calibration

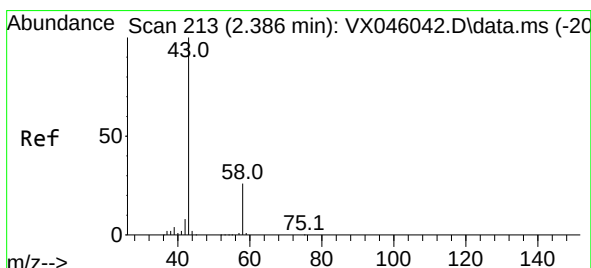
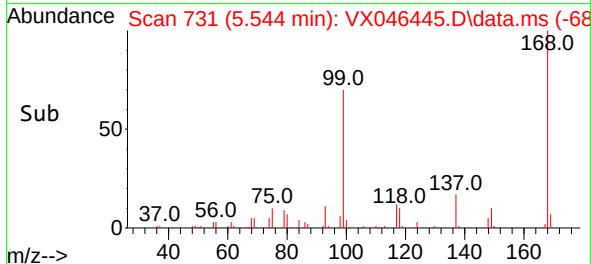
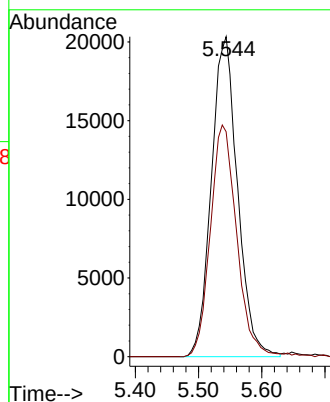
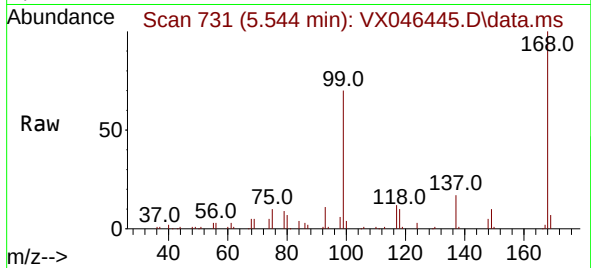




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

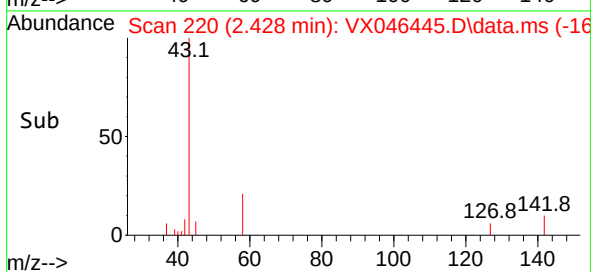
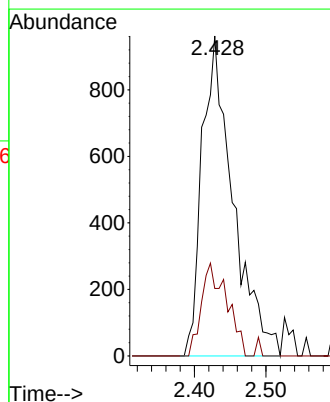
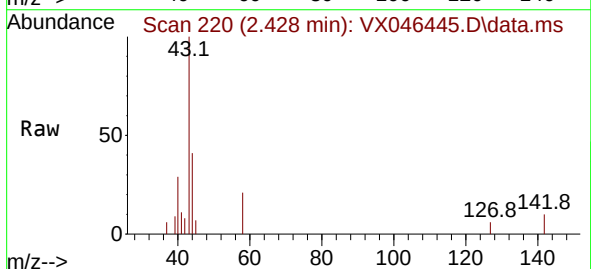
Instrument :
MSVOA_X
ClientSampleId :
291

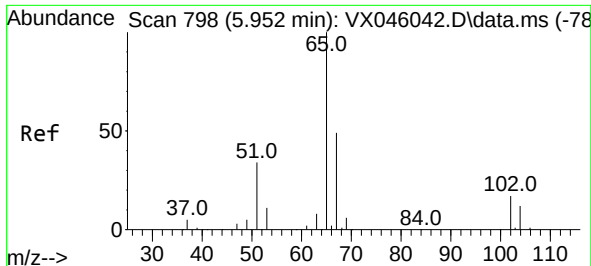
Tgt Ion:168 Resp: 58430
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#16
Acetone
Concen: 6.640 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.043 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Tgt Ion: 43 Resp: 2900
Ion Ratio Lower Upper
43 100
58 21.1 21.2 31.8#

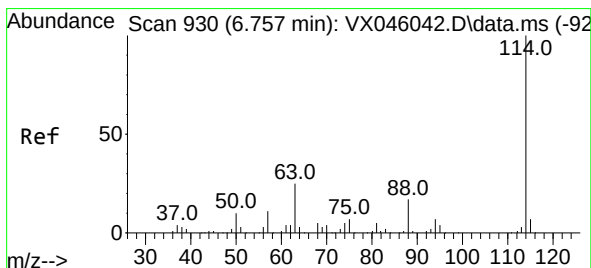
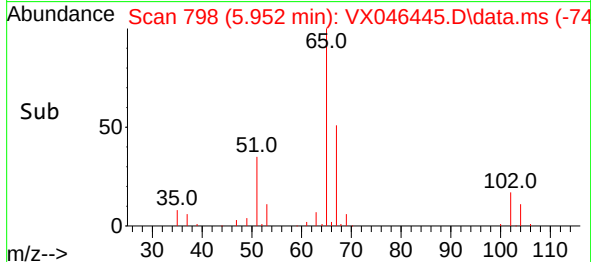
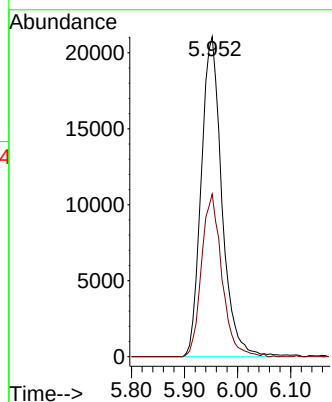
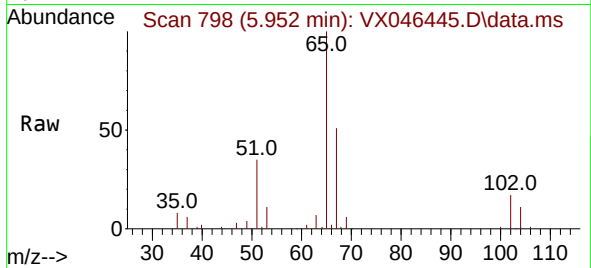




#33
 1,2-Dichloroethane-d4
 Concen: 52.298 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046445.D
 Acq: 02 Jun 2025 15:36

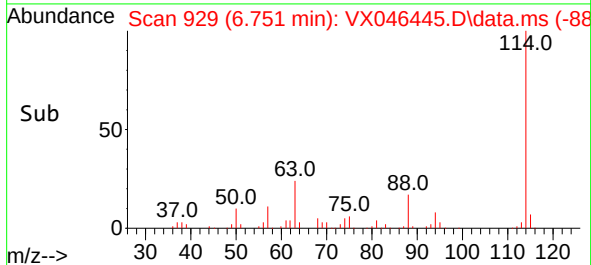
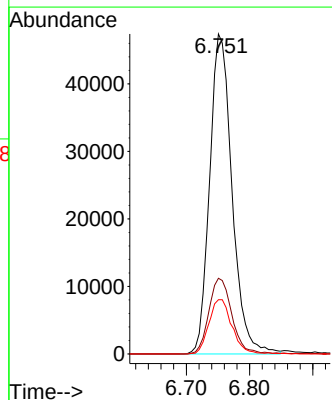
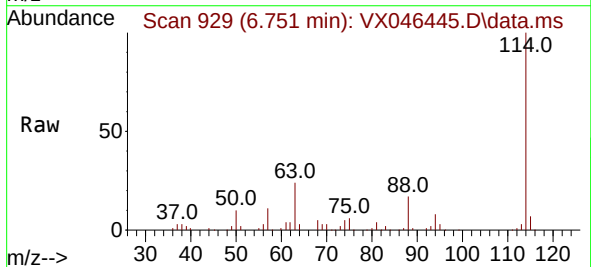
Instrument :
 MSVOA_X
 ClientSampleId :
 291

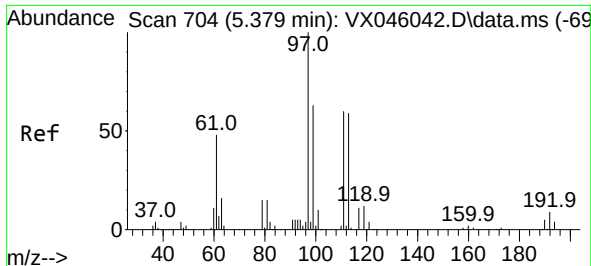
Tgt Ion: 65 Resp: 56969
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX046445.D
 Acq: 02 Jun 2025 15:36

Tgt Ion: 114 Resp: 116552
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 16.9 0.0 33.6

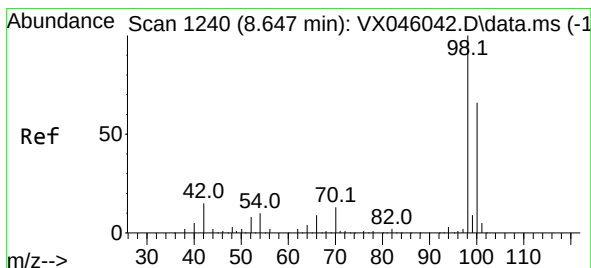
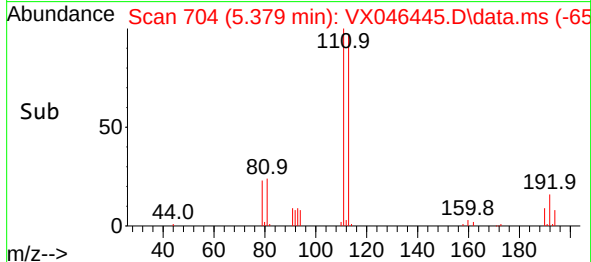
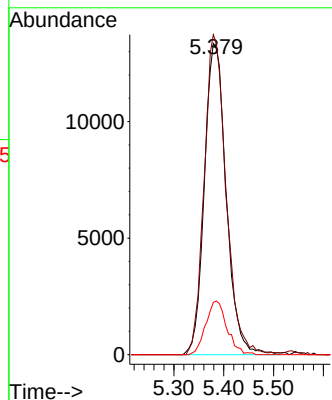
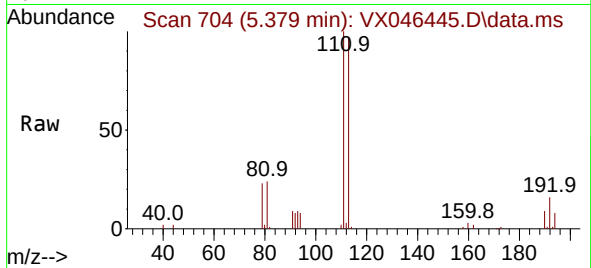




#35
Dibromofluoromethane
Concen: 48.342 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

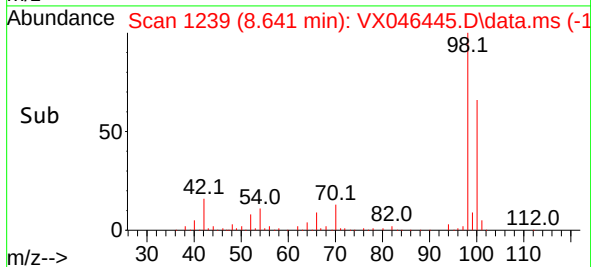
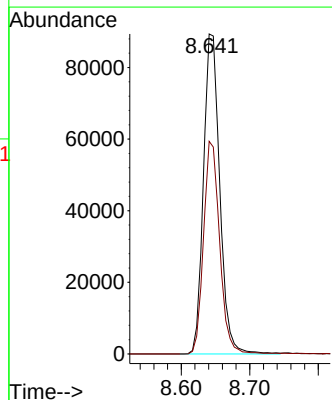
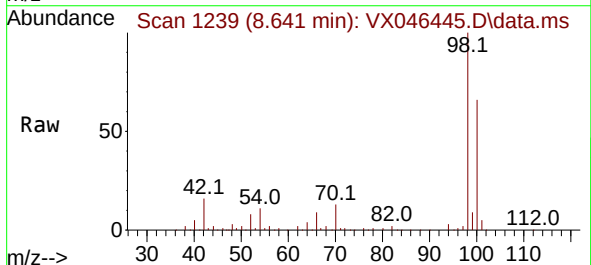
Instrument :
MSVOA_X
ClientSampleId :
291

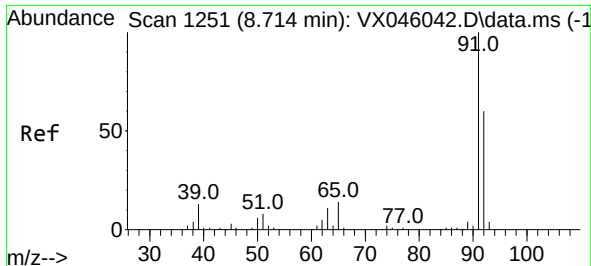
Tgt Ion:113 Resp: 40573
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.7 13.3 19.9



#50
Toluene-d8
Concen: 51.011 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Tgt Ion: 98 Resp: 148183
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

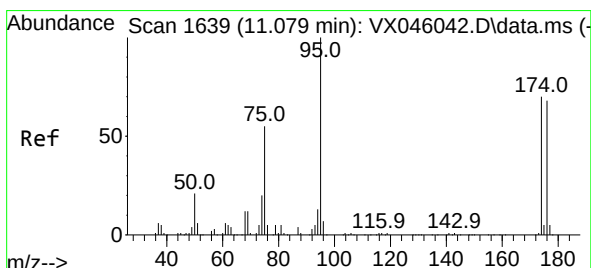
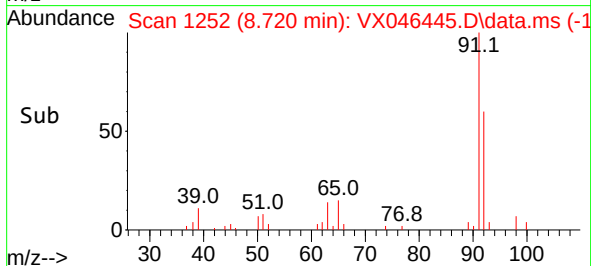
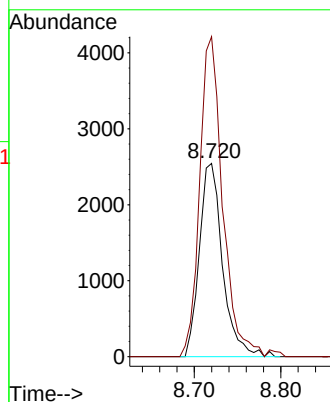
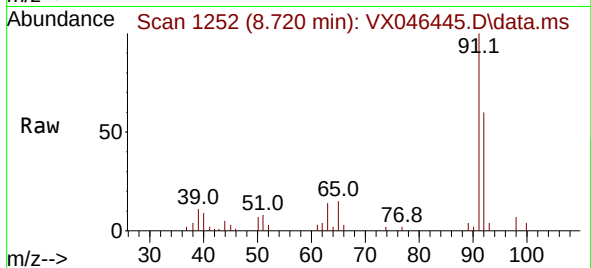




#52
Toluene
Concen: 2.337 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

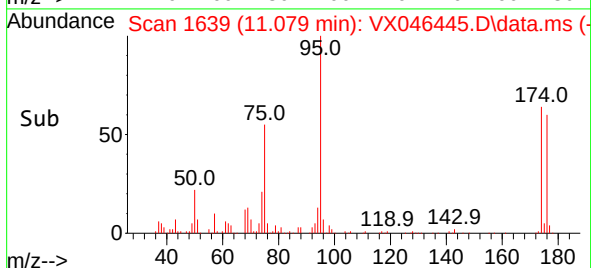
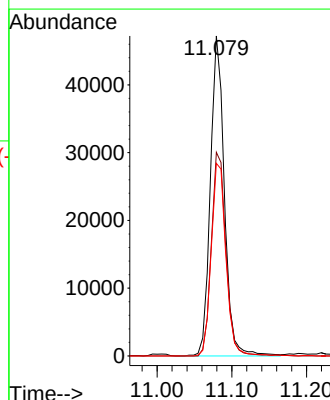
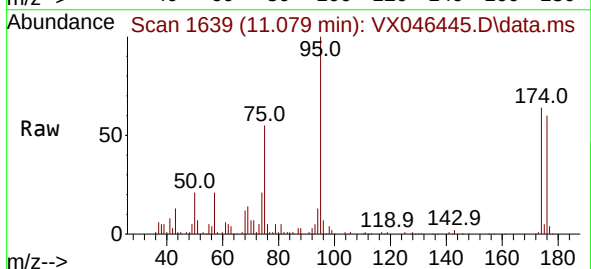
Instrument :
MSVOA_X
ClientSampleId :
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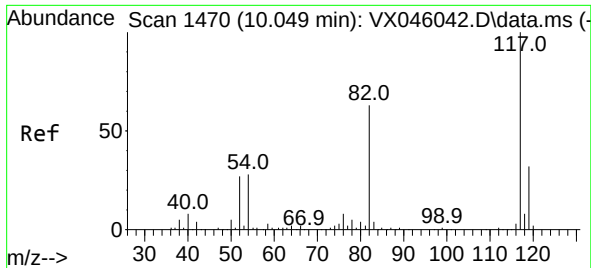
Tgt Ion: 92 Resp: 4733
Ion Ratio Lower Upper
92 100
91 163.4 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 55.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Tgt Ion: 95 Resp: 61549
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 63.5 0.0 131.4

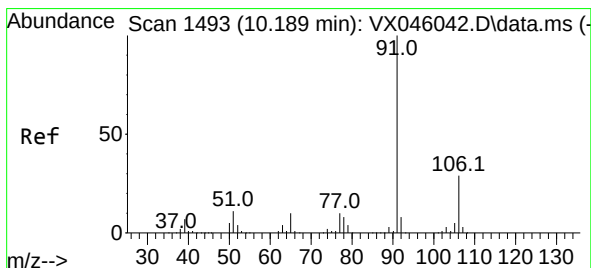
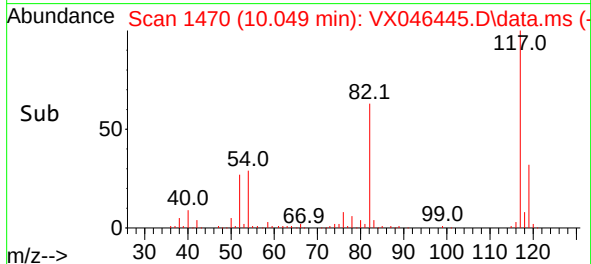
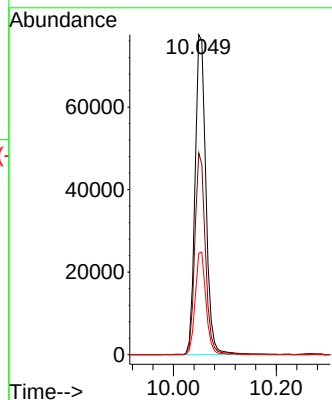
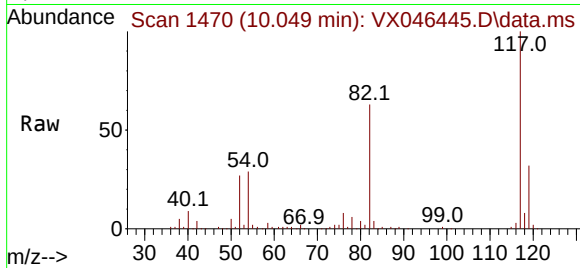




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

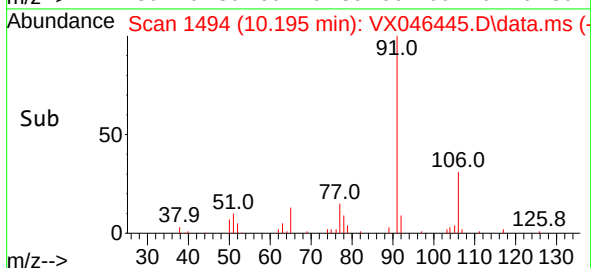
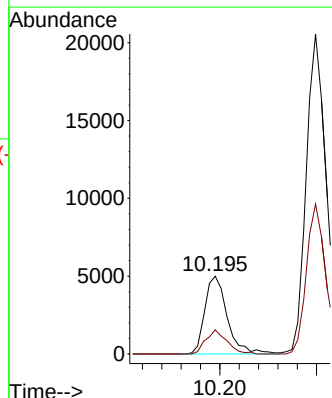
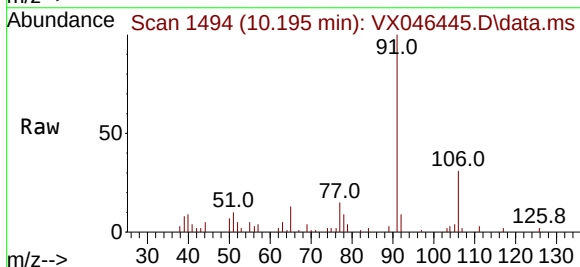
Instrument :
MSVOA_X
ClientSampleId :
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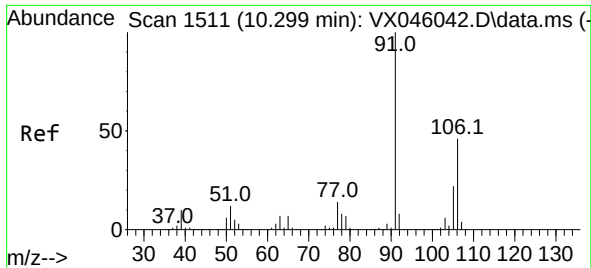
Tgt Ion:117 Resp: 113848
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 31.7 25.8 38.6



#67
Ethyl Benzene
Concen: 1.836 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Tgt Ion: 91 Resp: 8065
Ion Ratio Lower Upper
91 100
106 31.0 23.4 35.2

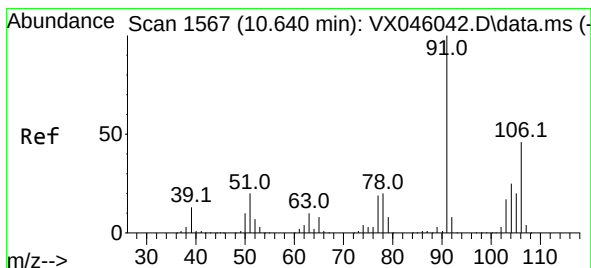
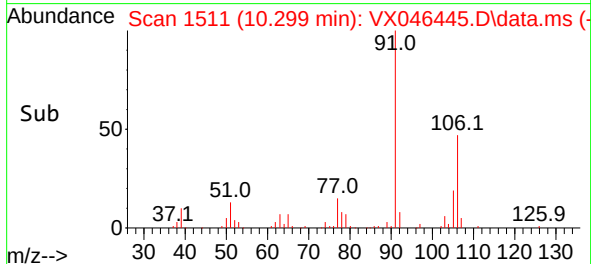
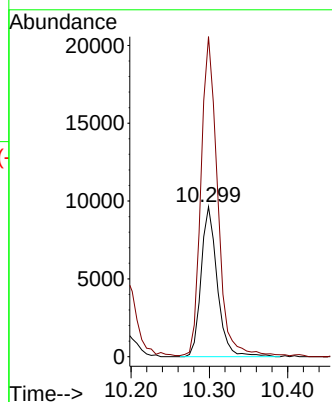
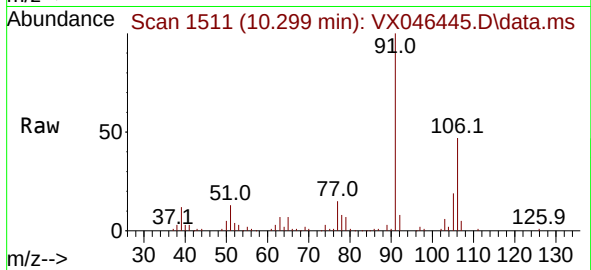




#68
m/p-Xylenes
Concen: 8.602 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

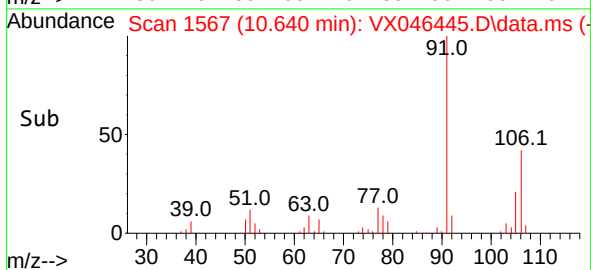
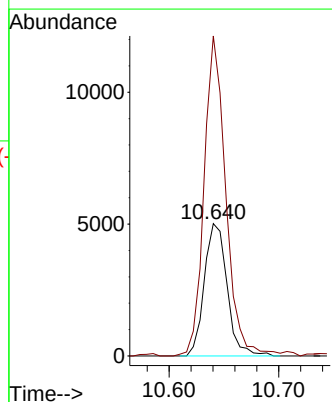
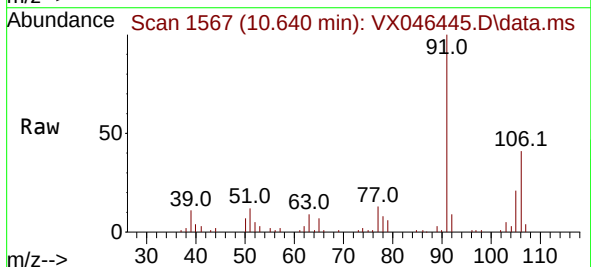
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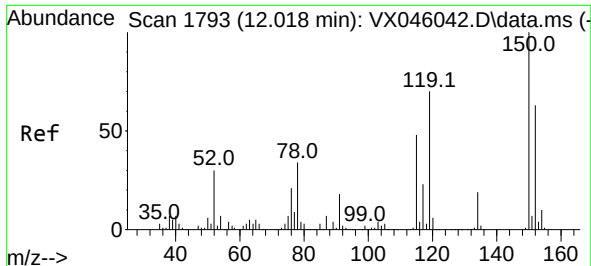
Tgt Ion:106 Resp: 13819
Ion Ratio Lower Upper
106 100
91 218.9 171.2 256.8



#69
o-Xylene
Concen: 4.626 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Tgt Ion:106 Resp: 7245
Ion Ratio Lower Upper
106 100
91 231.8 112.7 338.1

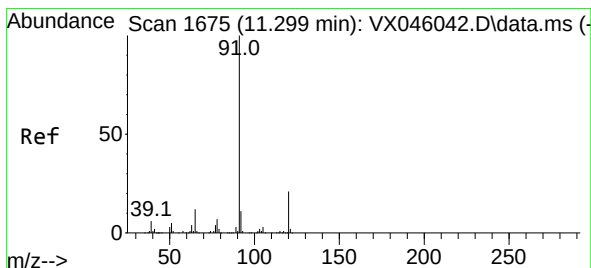
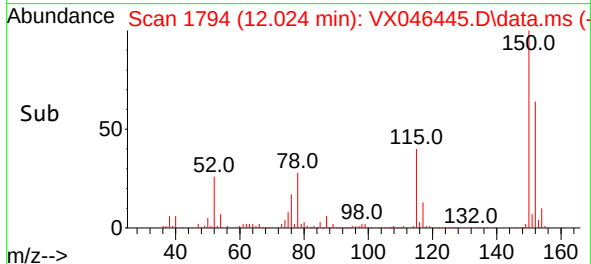
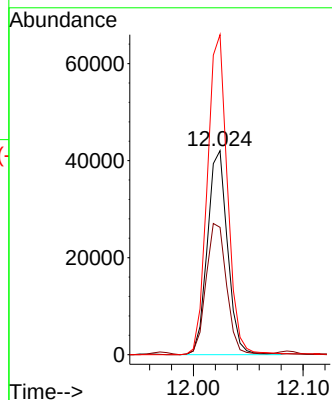
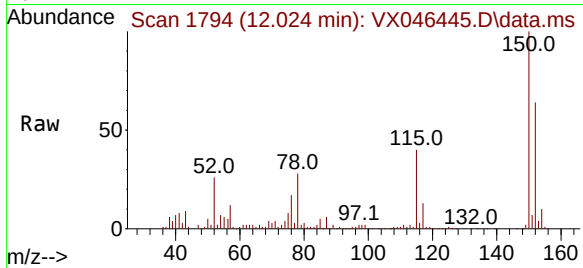




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

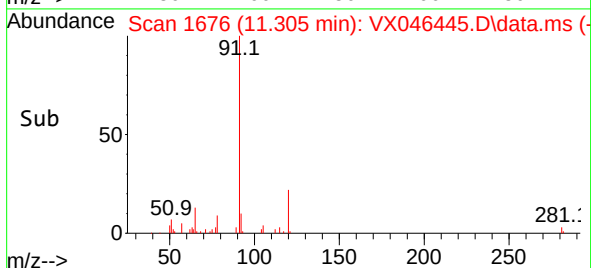
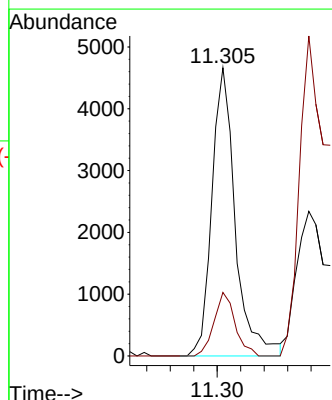
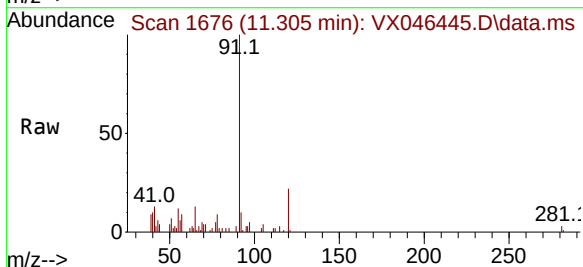
Instrument :
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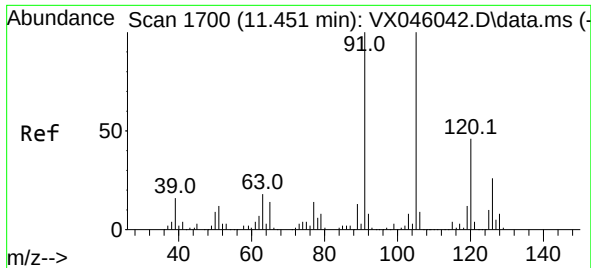
Tgt Ion:152 Resp: 53642
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 157.5 0.0 351.0



#78
n-propylbenzene
Concen: 1.327 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Tgt Ion: 91 Resp: 6442
Ion Ratio Lower Upper
91 100
120 19.9 10.8 32.4

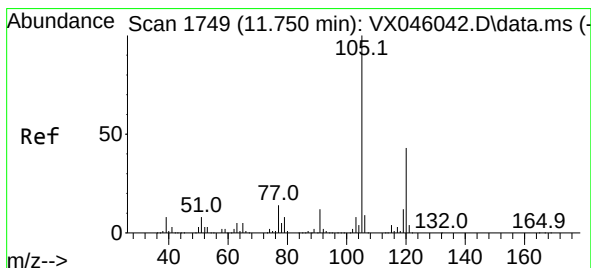
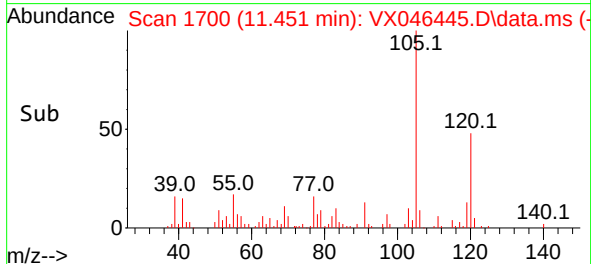
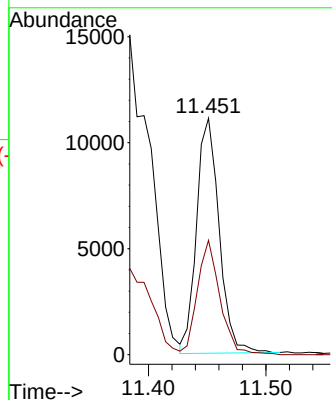
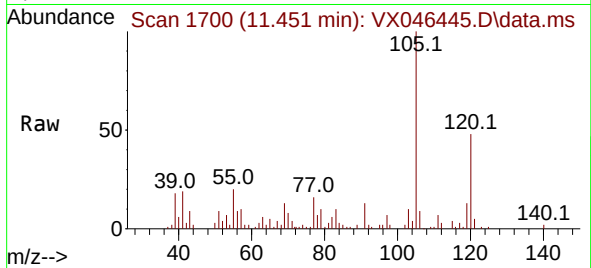




#80
1,3,5-Trimethylbenzene
Concen: 4.253 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

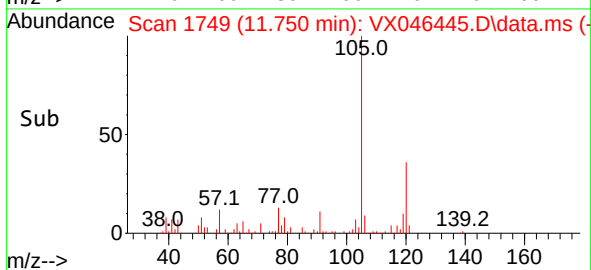
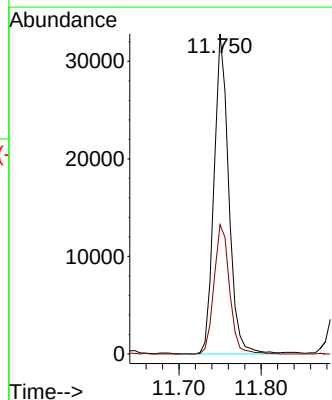
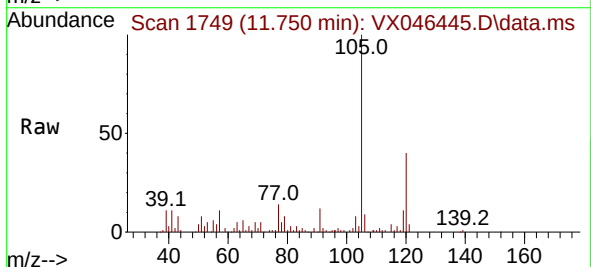
Instrument :
MSVOA_X
ClientSampleId :
291

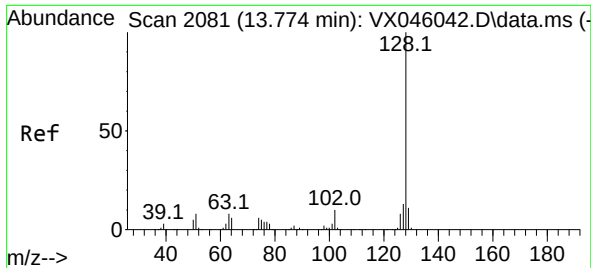
Tgt Ion:105 Resp: 14837
Ion Ratio Lower Upper
105 100
120 48.7 23.1 69.2



#84
1,2,4-Trimethylbenzene
Concen: 11.570 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Tgt Ion:105 Resp: 40880
Ion Ratio Lower Upper
105 100
120 42.5 21.2 63.6





#95
Naphthalene
Concen: 4.978 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046445.D
Acq: 02 Jun 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :
291

Tgt Ion:128 Resp: 18620
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 14.7 8.6 13.0#

