

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039177.D
 Acq On : 25 Sep 2025 13:40
 Operator : SY/MD
 Sample : Q3168-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

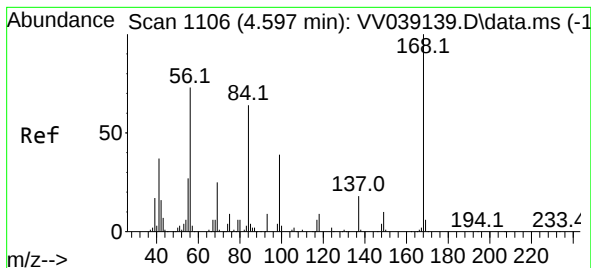
Instrument :
 MSVOA_V
 ClientSampleId :
 TOTES COMP#1

Quant Time: Sep 26 04:36:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	424278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	802353	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	790092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	406442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	405843	66.092	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 132.180%#	
35) Dibromofluoromethane	4.503	113	363530	56.359	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 112.720%	
50) Toluene-d8	7.239	98	866364	45.732	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 91.460%	
62) 4-Bromofluorobenzene	10.001	95	374455	48.014	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 96.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.574	59	28626	22.057	ug/l #	88
16) Acetone	2.121	43	439192	109.225	ug/l	99
17) Carbon Disulfide	2.256	76	21890	1.119	ug/l	99
25) 2-Butanone	3.883	43	165528	33.663	ug/l	100
51) 4-Methyl-2-Pentanone	7.165	43	28490	2.684	ug/l	92
52) Toluene	7.326	92	5165	0.281	ug/l	90
59) 2-Hexanone	8.079	43	97296	13.576	ug/l	95
68) m/p-Xylenes	9.075	106	7809	0.607	ug/l	83
69) o-Xylene	9.474	106	3531	0.310	ug/l	92

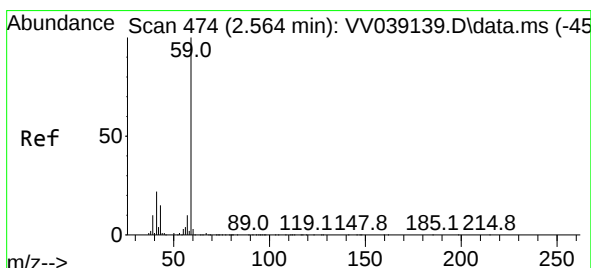
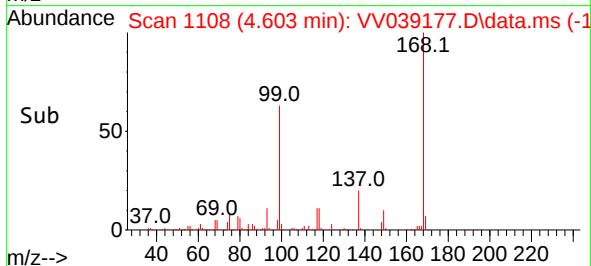
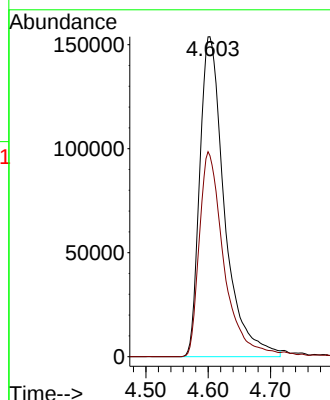
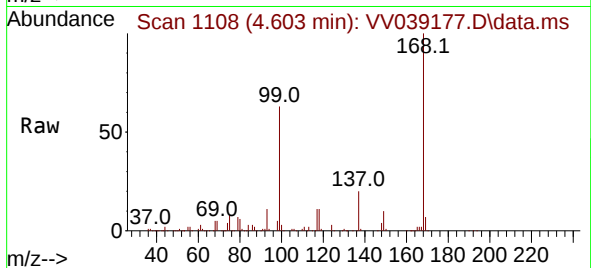
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

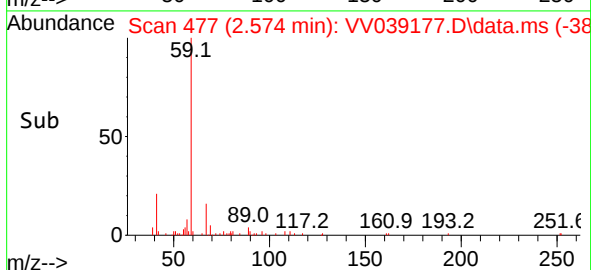
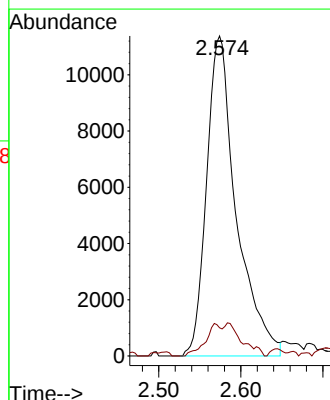
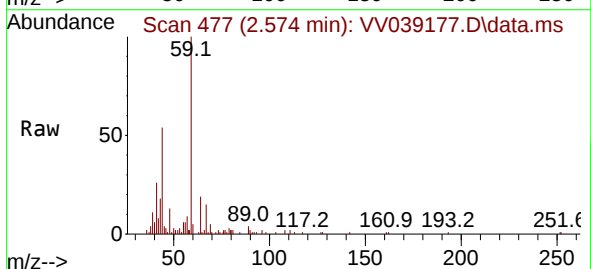
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MSVOA_V
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TOTES COMP#1

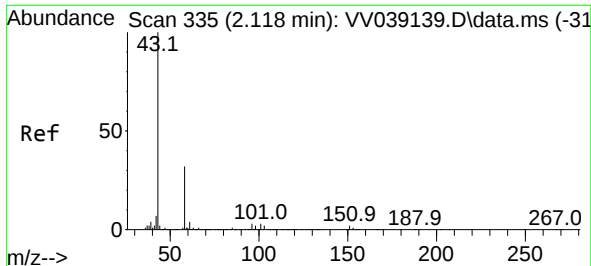
Tgt Ion:168 Resp: 424278
Ion Ratio Lower Upper
168 100
99 62.8 49.6 74.4



#11
Tert butyl alcohol
Concen: 22.057 ug/l
RT: 2.574 min Scan# 477
Delta R.T. 0.009 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion: 59 Resp: 28626
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#

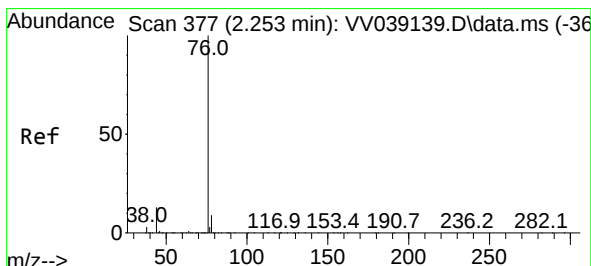
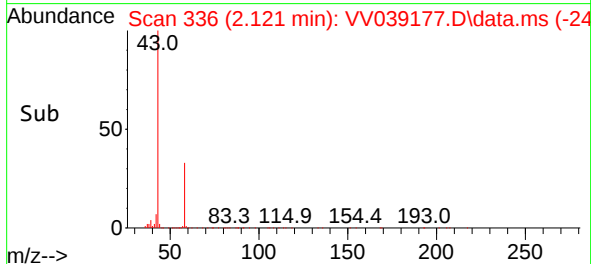
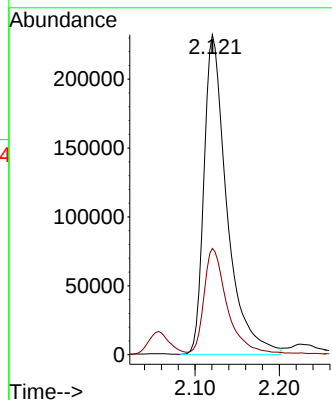
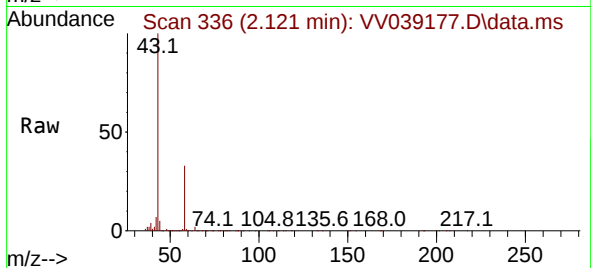




#16
Acetone
Concen: 109.225 ug/l
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

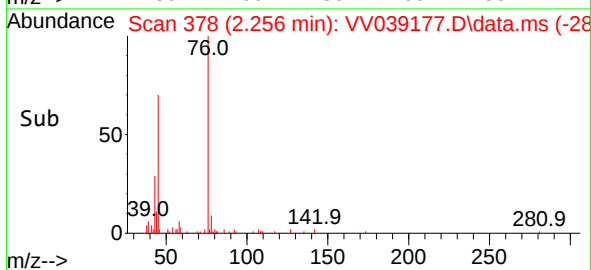
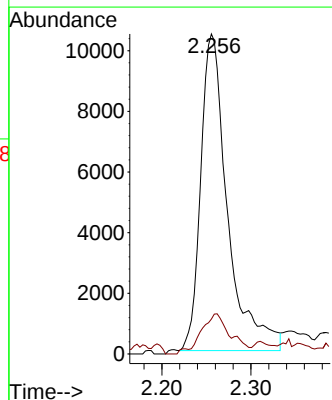
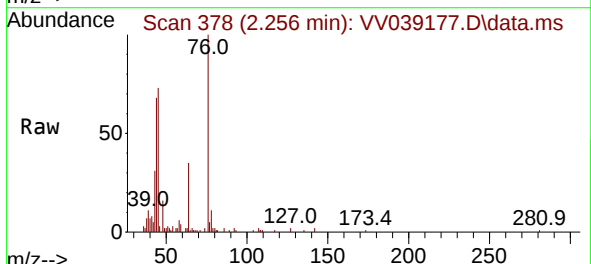
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ClientSampleId :
TOTES COMP#1

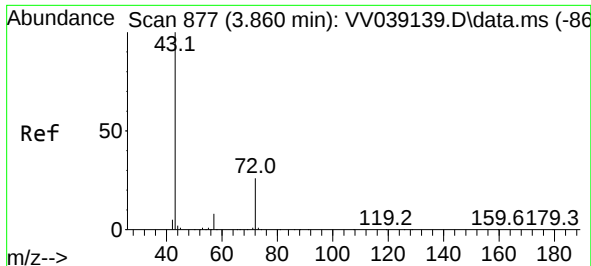
Tgt Ion: 43 Resp: 439192
Ion Ratio Lower Upper
43 100
58 32.5 25.8 38.6



#17
Carbon Disulfide
Concen: 1.119 ug/l
RT: 2.256 min Scan# 378
Delta R.T. 0.003 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion: 76 Resp: 21890
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

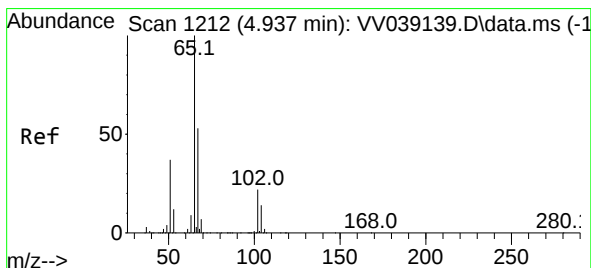
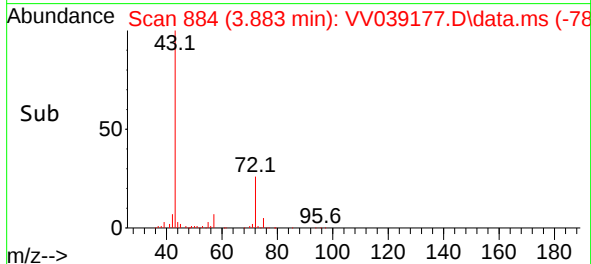
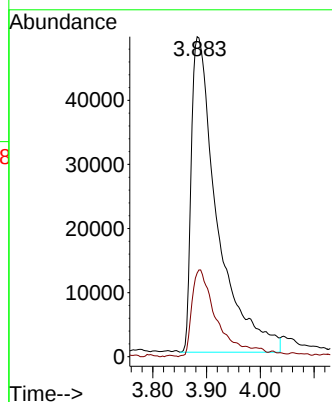
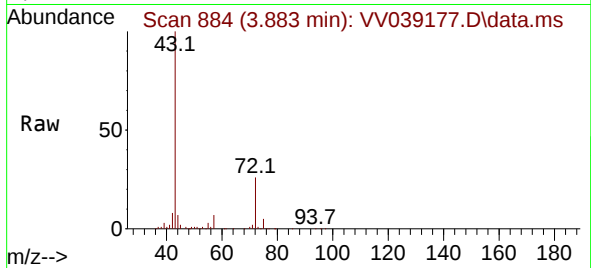




#25
2-Butanone
Concen: 33.663 ug/l
RT: 3.883 min Scan# 81
Delta R.T. 0.022 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

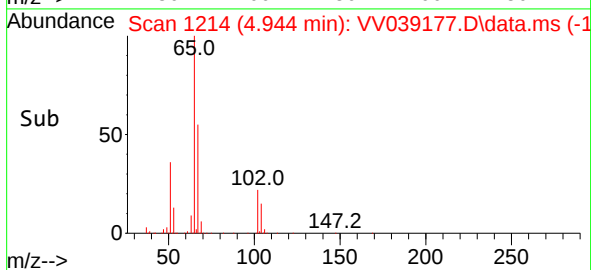
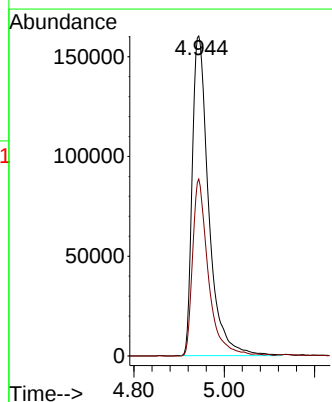
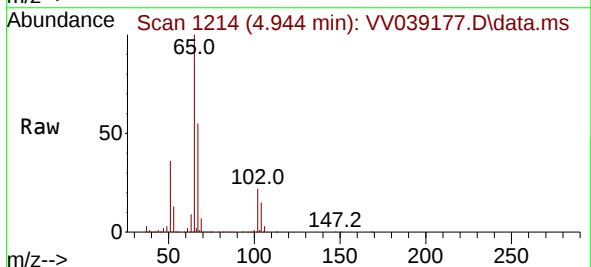
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TOTES COMP#1

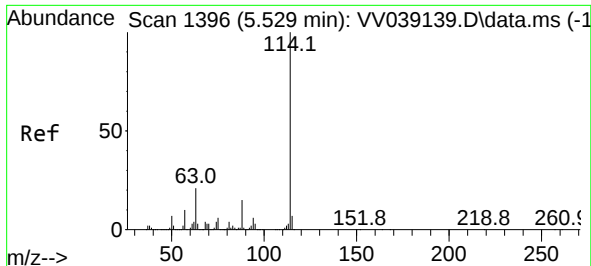
Tgt Ion: 43 Resp: 165528
Ion Ratio Lower Upper
43 100
72 26.3 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 66.092 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion: 65 Resp: 405843
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.0

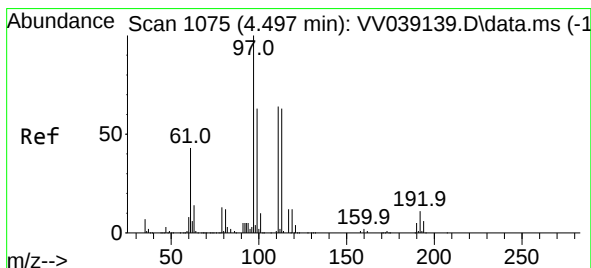
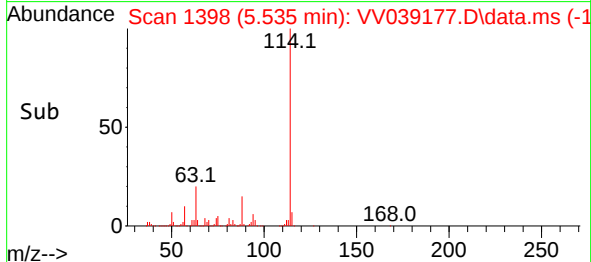
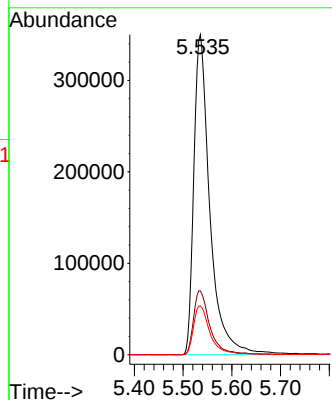
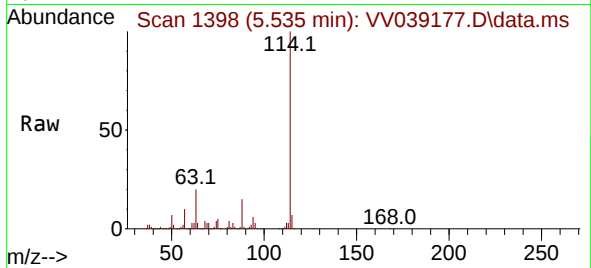




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

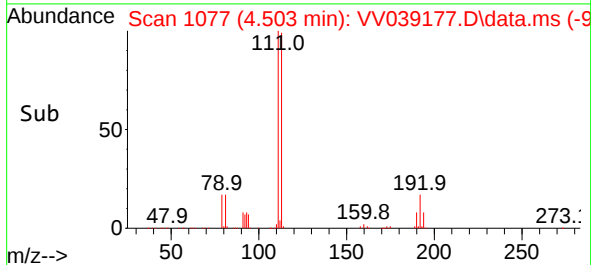
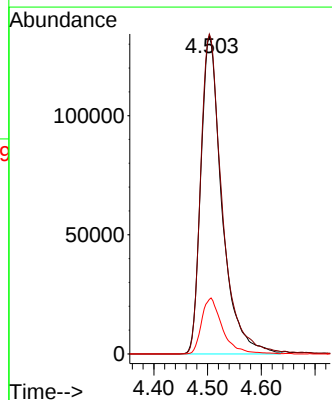
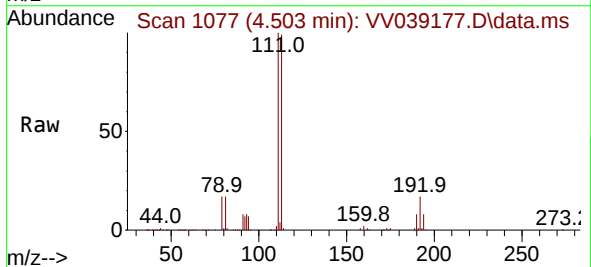
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TOTES COMP#1

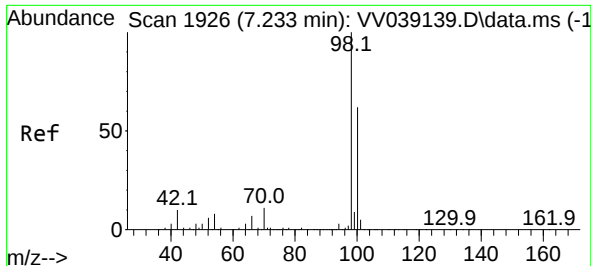
Tgt Ion:114 Resp: 802353
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.359 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion:113 Resp: 363530
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 17.4 13.8 20.8

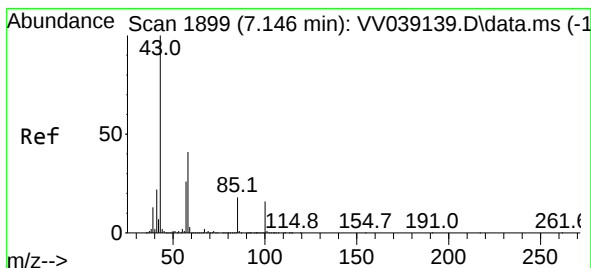
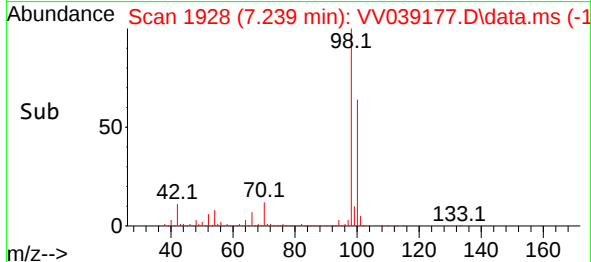
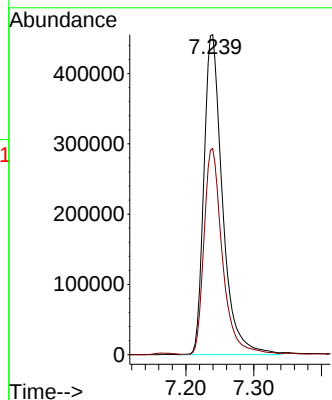
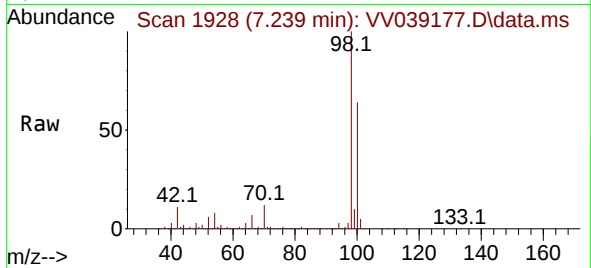




#50
Toluene-d8
Concen: 45.732 ug/l
RT: 7.239 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

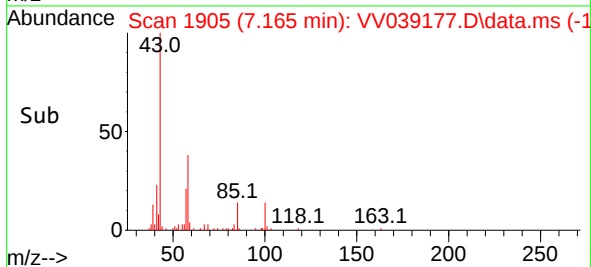
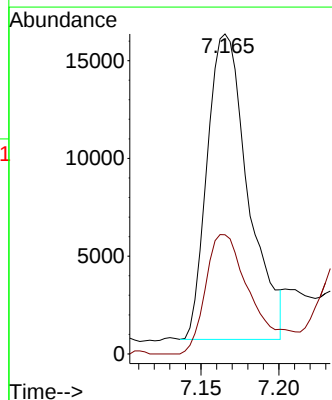
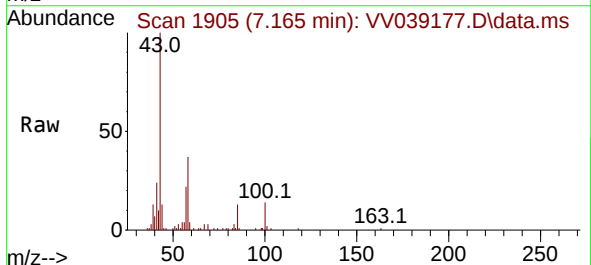
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MSVOA_V
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TOTES COMP#1

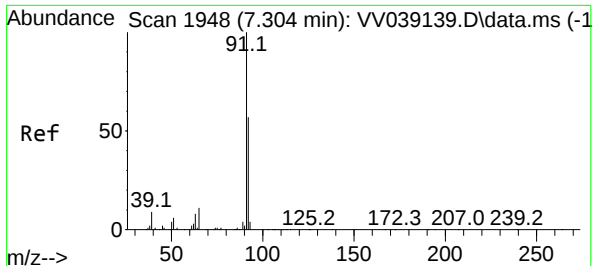
Tgt Ion: 98 Resp: 866364
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 2.684 ug/l
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion: 43 Resp: 28490
Ion Ratio Lower Upper
43 100
58 45.2 32.3 48.5

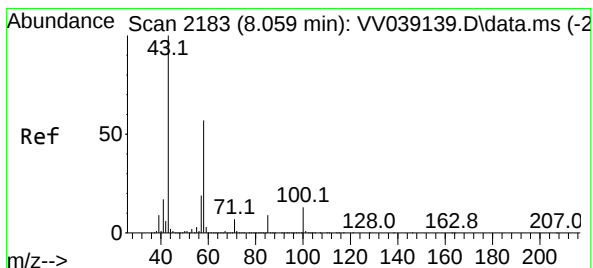
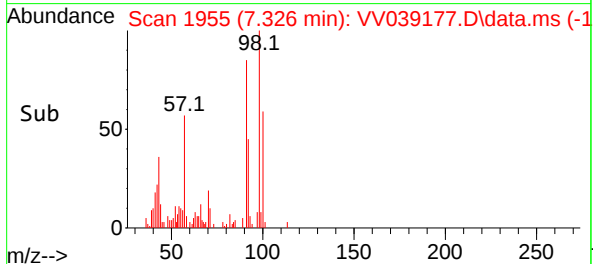
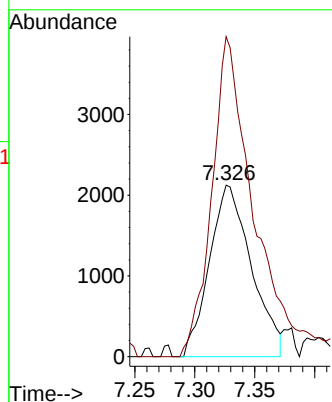
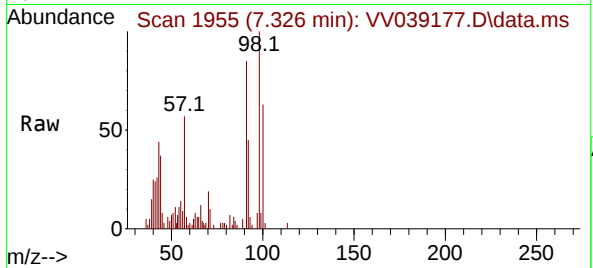




#52
Toluene
Concen: 0.281 ug/l
RT: 7.326 min Scan# 1948
Delta R.T. 0.022 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

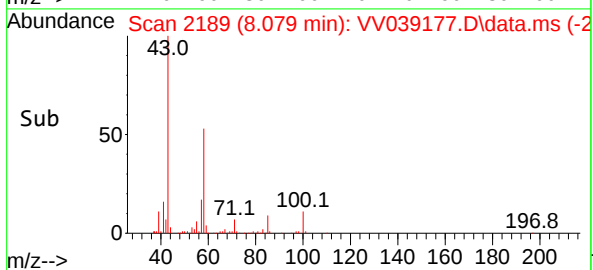
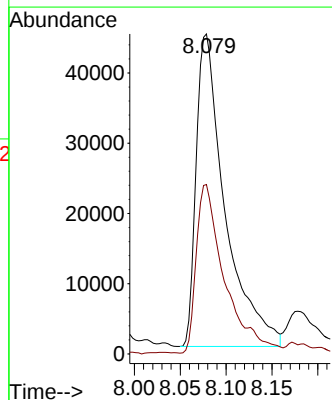
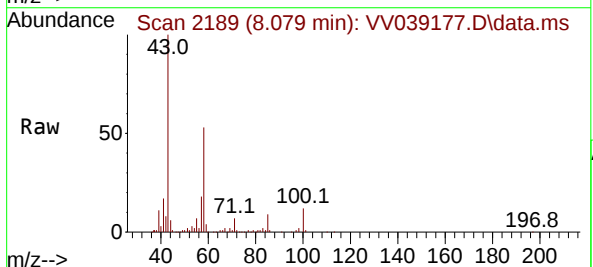
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TOTES COMP#1

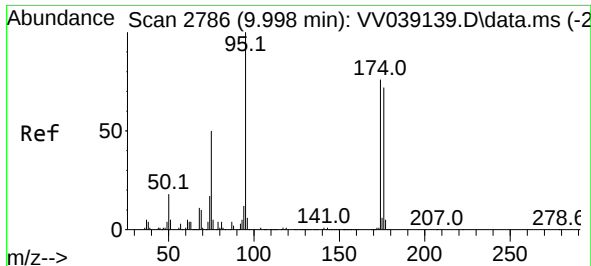
Tgt Ion: 92 Resp: 5165
Ion Ratio Lower Upper
92 100
91 187.5 139.2 208.8



#59
2-Hexanone
Concen: 13.576 ug/l
RT: 8.079 min Scan# 2189
Delta R.T. 0.020 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion: 43 Resp: 97296
Ion Ratio Lower Upper
43 100
58 53.2 28.3 85.0

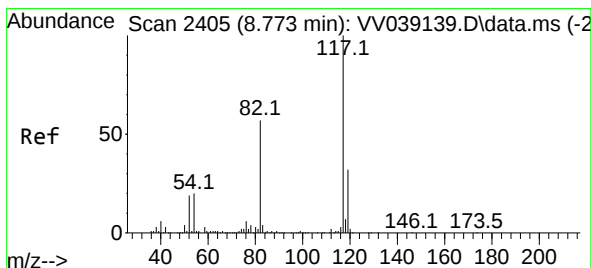
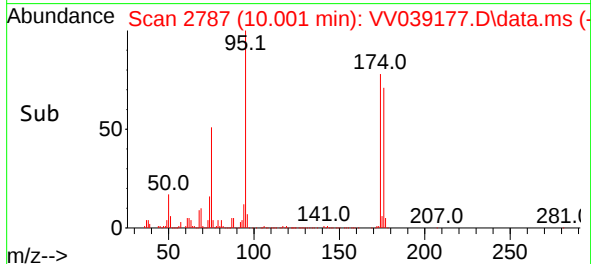
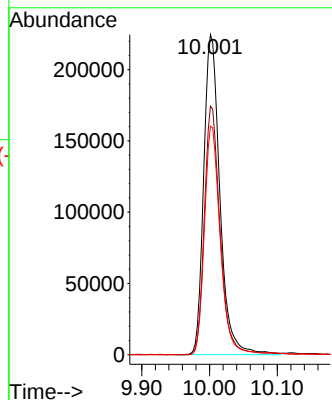
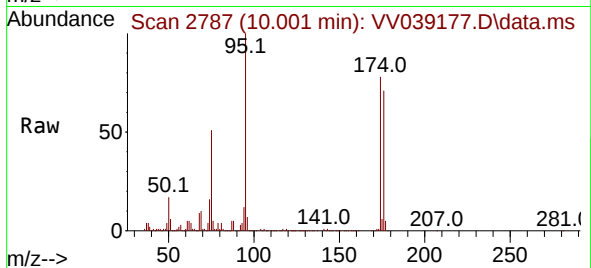




#62
4-Bromofluorobenzene
Concen: 48.014 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

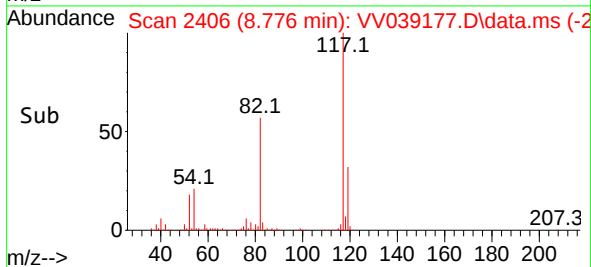
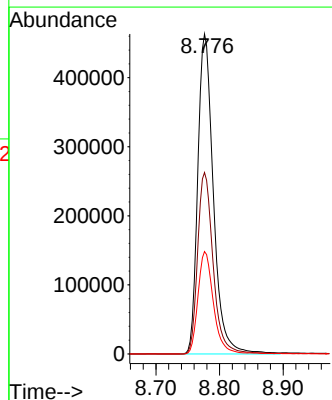
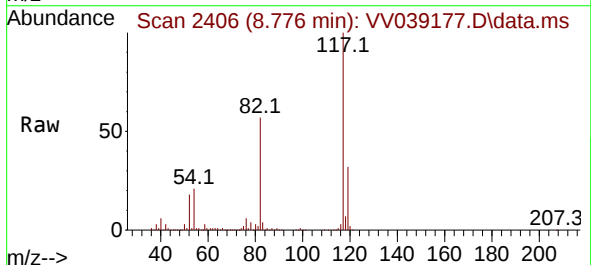
Instrument :
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TOTES COMP#1

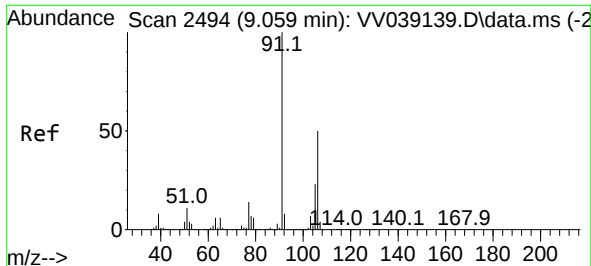
Tgt Ion: 95 Resp: 374455
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 69.8 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion: 117 Resp: 790092
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 32.0 25.6 38.4

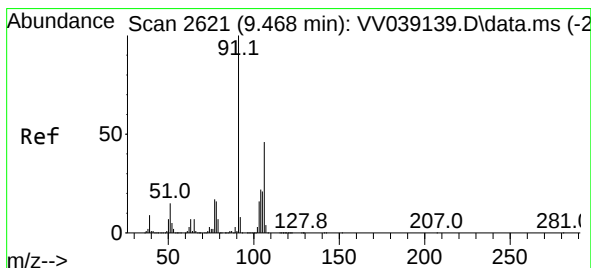
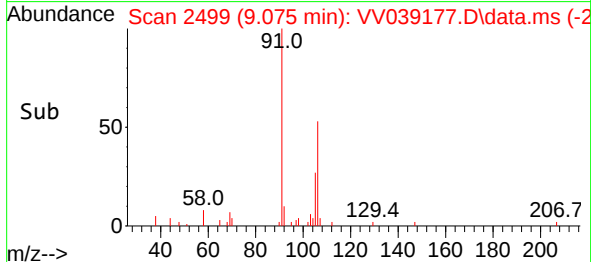
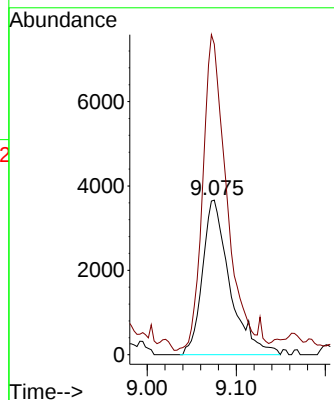
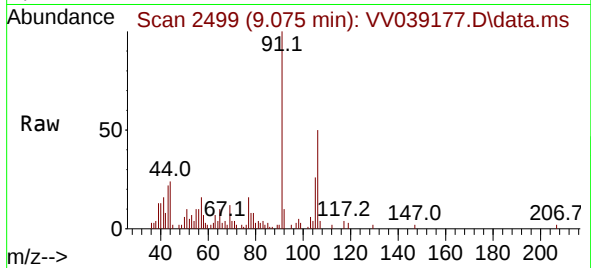




#68
m/p-Xylenes
Concen: 0.607 ug/l
RT: 9.075 min Scan# 2494
Delta R.T. 0.016 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

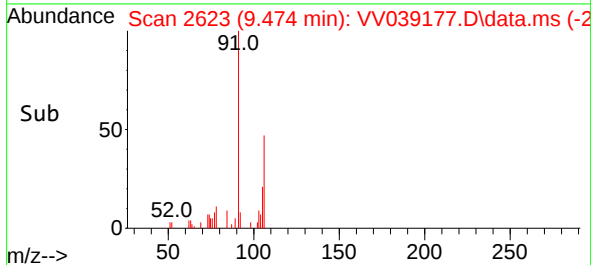
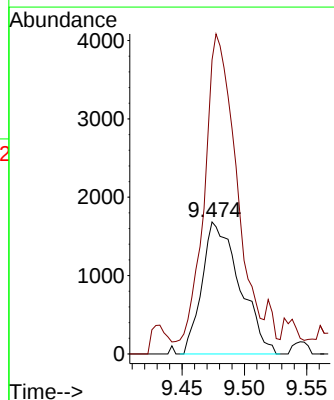
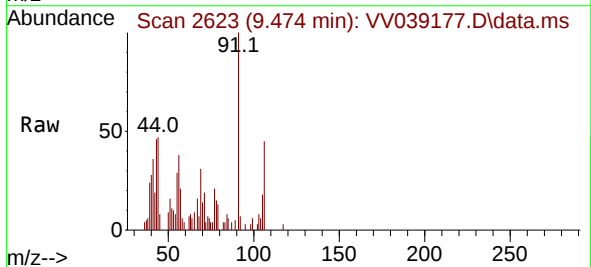
Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1

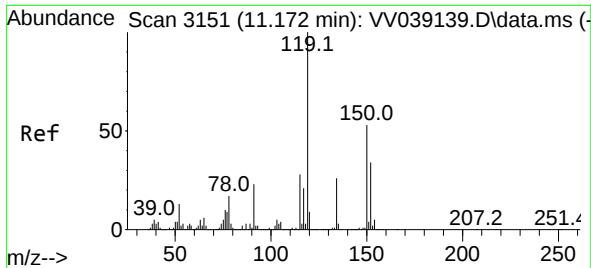
Tgt Ion:106 Resp: 7809
Ion Ratio Lower Upper
106 100
91 176.9 162.5 243.7



#69
o-Xylene
Concen: 0.310 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039177.D
Acq: 25 Sep 2025 13:40

Tgt Ion:106 Resp: 3531
Ion Ratio Lower Upper
106 100
91 205.9 109.1 327.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: VV039177.D
 Acq: 25 Sep 2025 13:40

Instrument :
 MSVOA_V
 ClientSampleId :
 TOTES COMP#1

Tgt Ion:	152	Resp:	406442
Ion	Ratio	Lower	Upper
152	100		
115	60.4	44.8	134.4
150	156.5	0.0	353.8

