Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039183.D
Acq On : 25 Sep 2025 15:55
Operator : SY/MD
Sample : Q3168-05RE
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Quant Time: Sep 26 01:31:22 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	4.600	168	518499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	966445	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	862048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	399824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	407460	54.297	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 108.600%			
35) Dibromofluoromethane	4.503	113	364495	46.914	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.820%			
50) Toluene-d8	7.239	98	887221	38.881	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 77.760%#			
62) 4-Bromofluorobenzene	10.001	95	366650	39.031	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 78.060%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.577	59	31850	20.081	ug/l	99
16) Acetone	2.121	43	453120	91.092	ug/l	100
17) Carbon Disulfide	2.256	76	20156	0.843	ug/l #	93
25) 2-Butanone	3.886	43	177245	29.496	ug/l	95
51) 4-Methyl-2-Pentanone	7.162	43	36643	2.866	ug/l	98
52) Toluene	7.333	92	6169	0.278	ug/l	100
59) 2-Hexanone	8.075	43	108220	12.714	ug/l	98
68) m/p-Xylenes	9.072	106	7137	0.509	ug/l	98
69) o-Xylene	9.480	106	3828	0.308	ug/l	95

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

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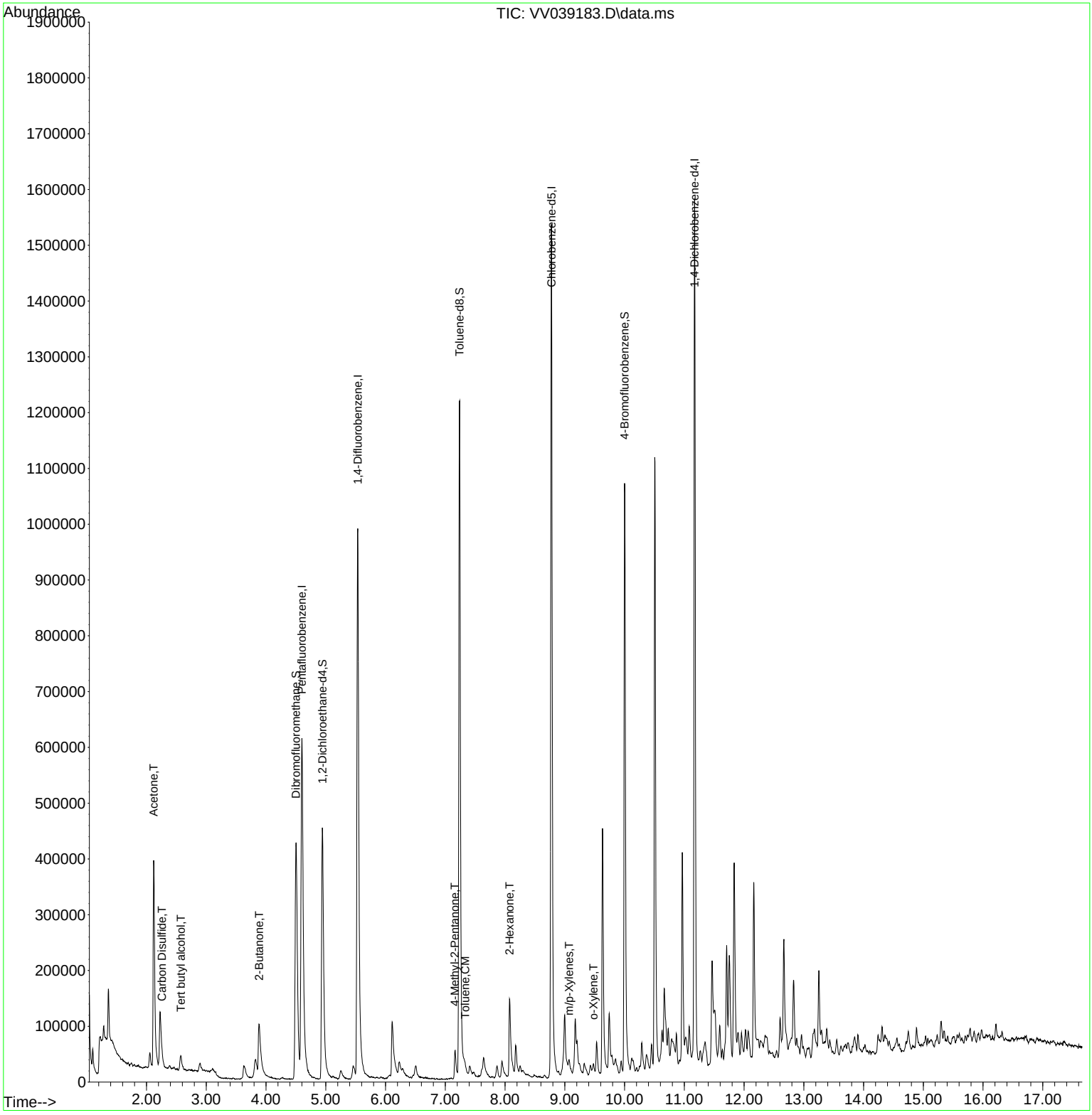
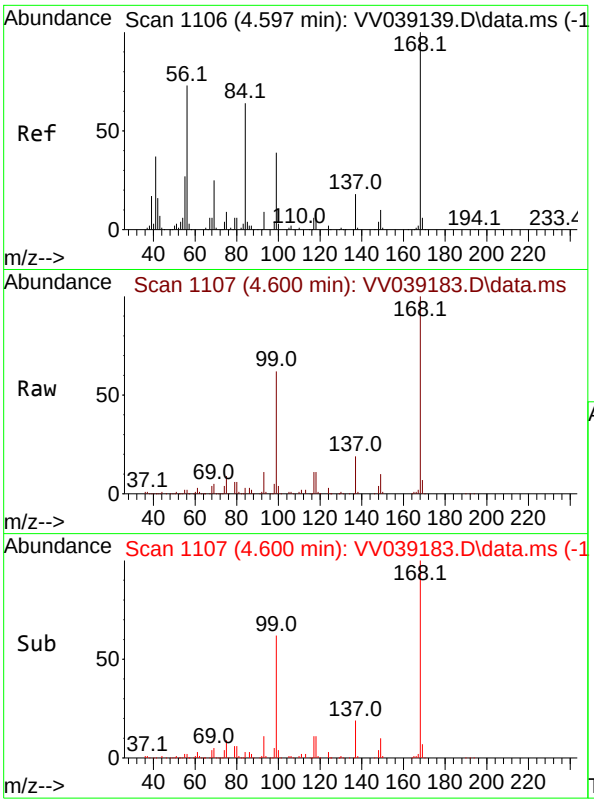


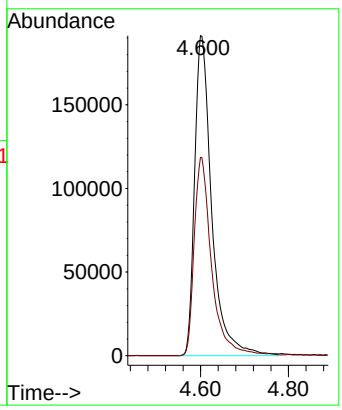


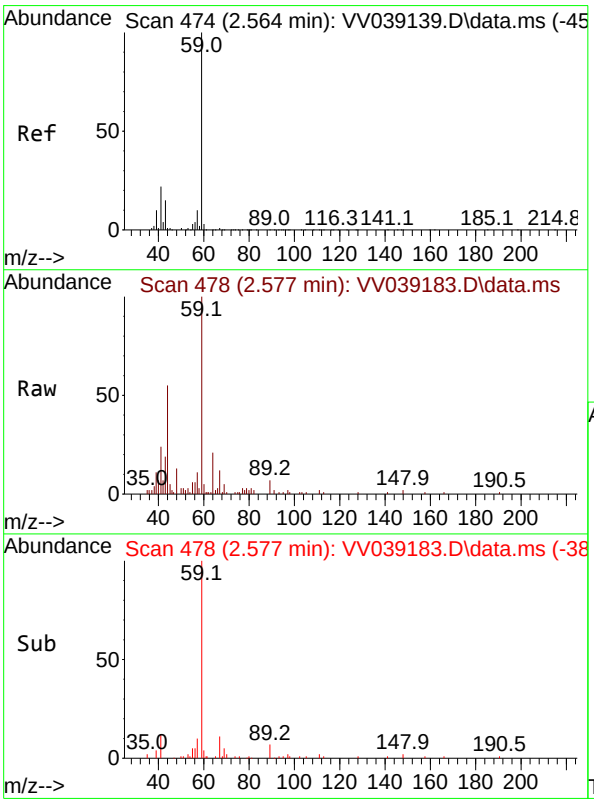
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion:168 Resp: 518499

Ion	Ratio	Lower	Upper
168	100		
99	61.9	49.6	74.4

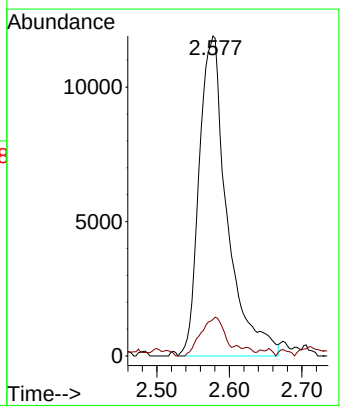


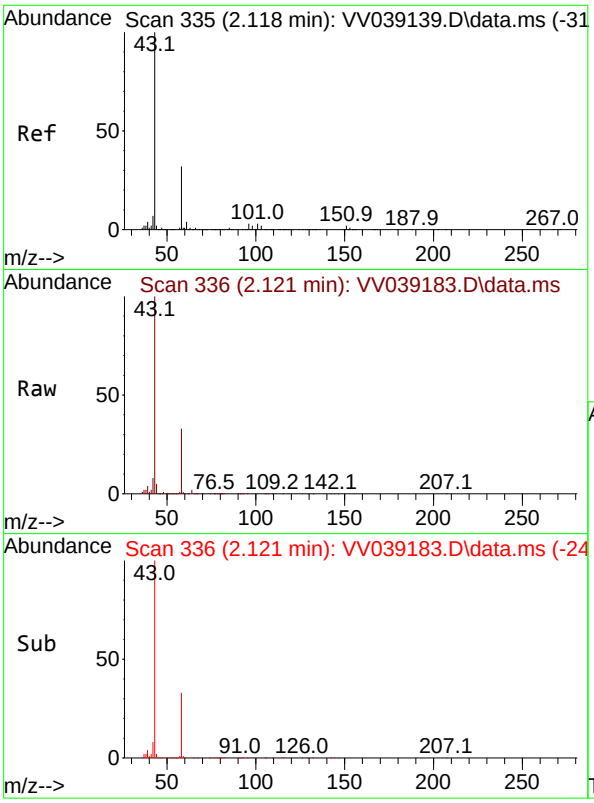


#11
Tert butyl alcohol
Concen: 20.081 ug/l
RT: 2.577 min Scan# 478
Delta R.T. 0.013 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 59 Resp: 31850

Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.8



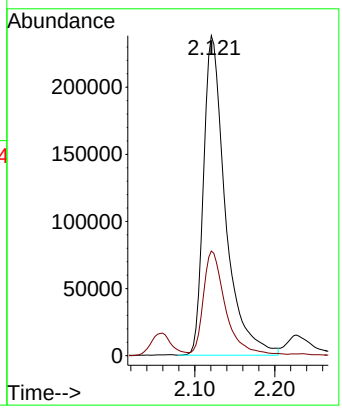


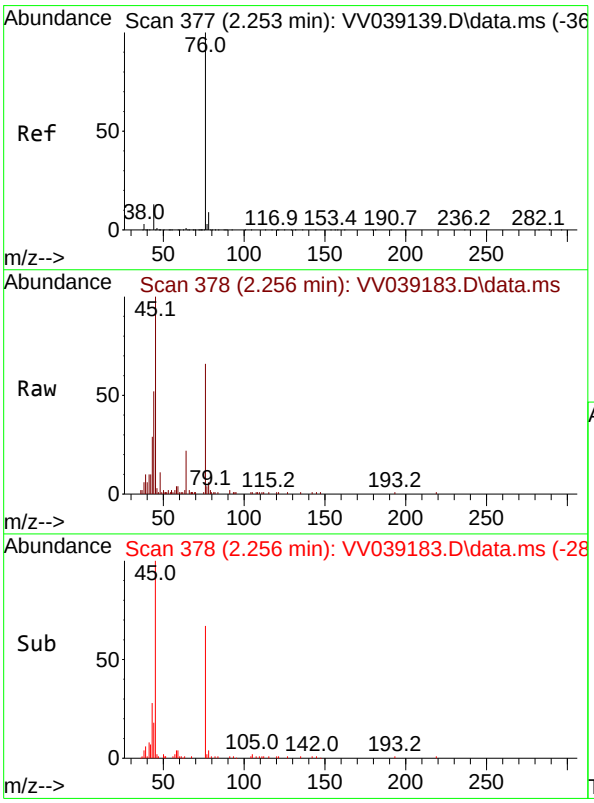
#16
Acetone
Concen: 91.092 ug/l
RT: 2.121 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 43 Resp: 453120

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.6

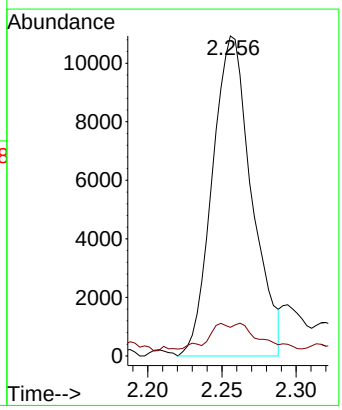


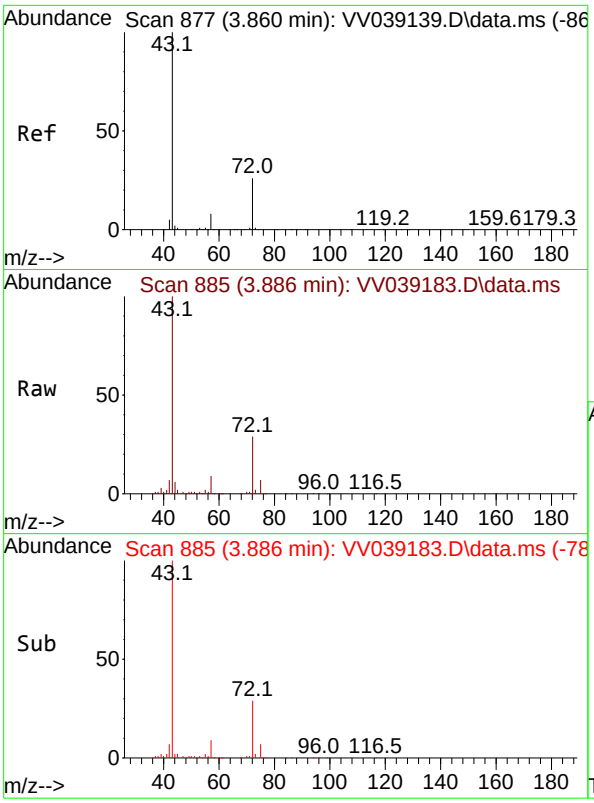


#17
Carbon Disulfide
Concen: 0.843 ug/l
RT: 2.256 min Scan# 378
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 76 Resp: 20156

Ion	Ratio	Lower	Upper
76	100		
78	6.8	7.4	11.0#



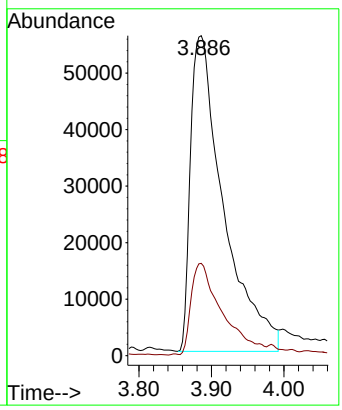


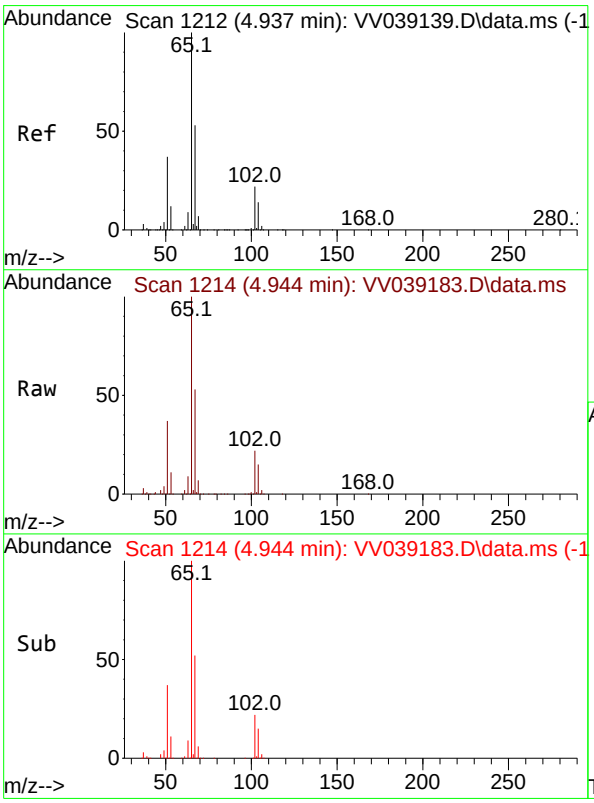
#25
2-Butanone
Concen: 29.496 ug/l
RT: 3.886 min Scan# 8
Delta R.T. 0.026 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 43 Resp: 177245

Ion	Ratio	Lower	Upper
43	100		
72	28.9	21.0	31.6

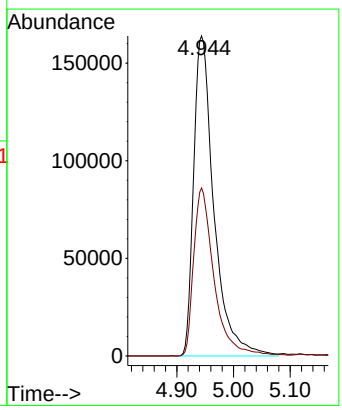


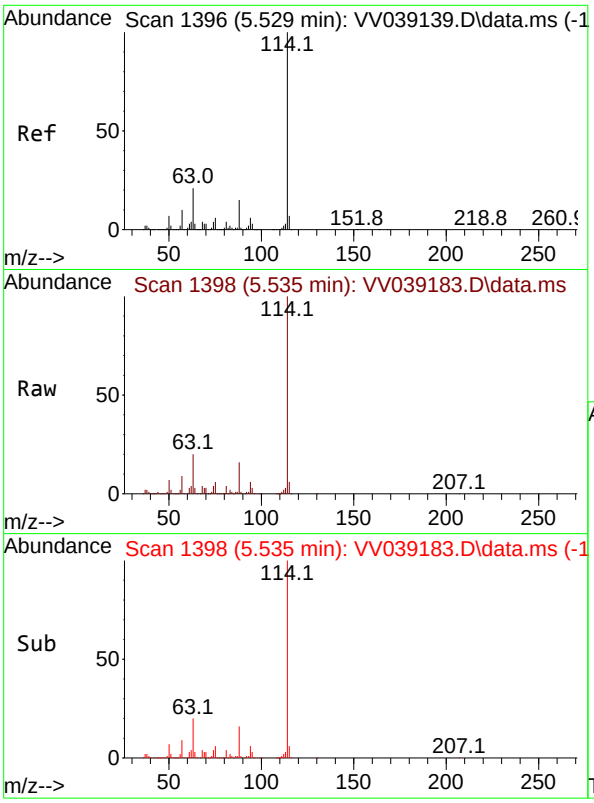


#33
1,2-Dichloroethane-d4
Concen: 54.297 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 65 Resp: 407460

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.0



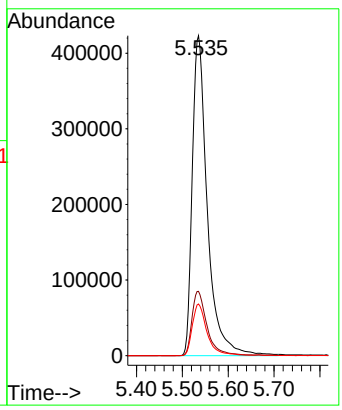


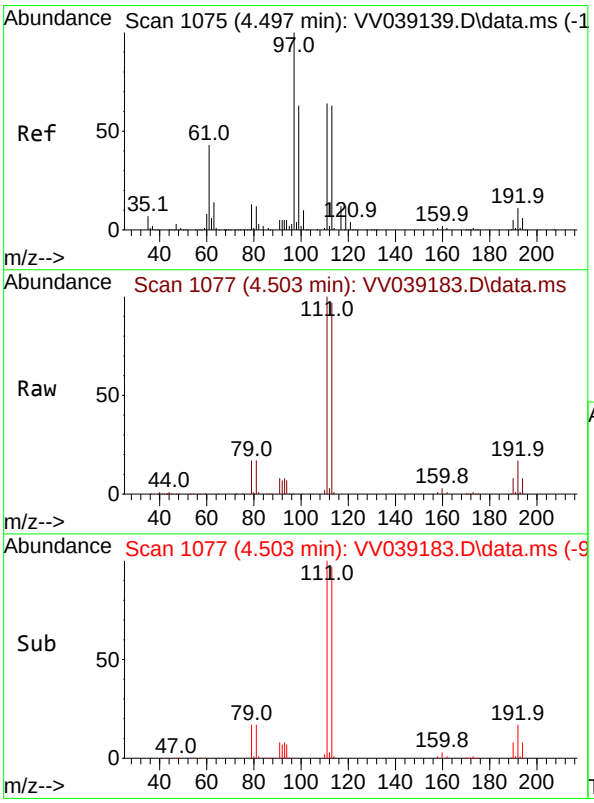
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion:114 Resp: 966445

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	16.2	0.0	30.8

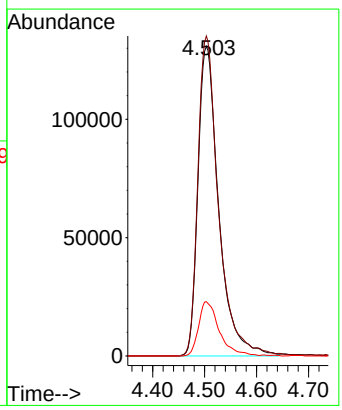


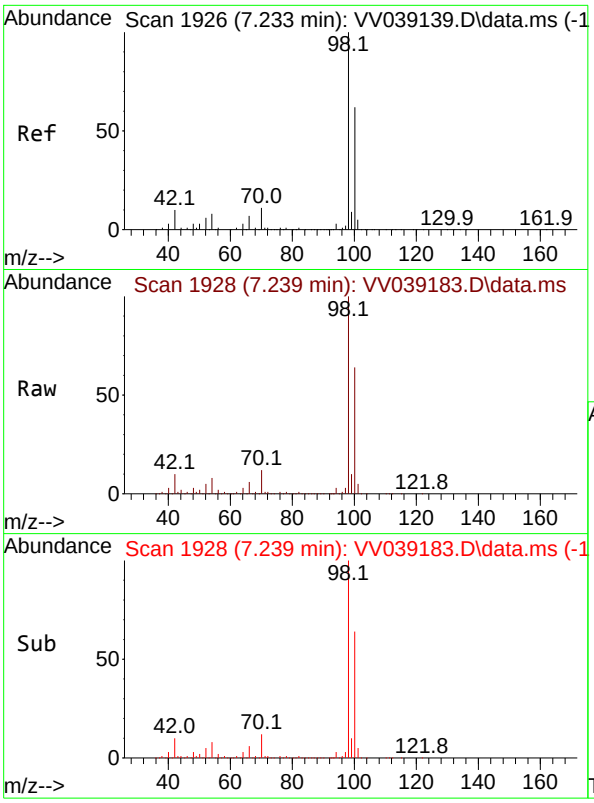


#35
Dibromofluoromethane
Concen: 46.914 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion:113 Resp: 364495

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	17.4	13.8	20.8



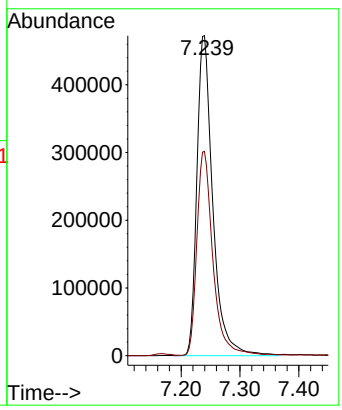


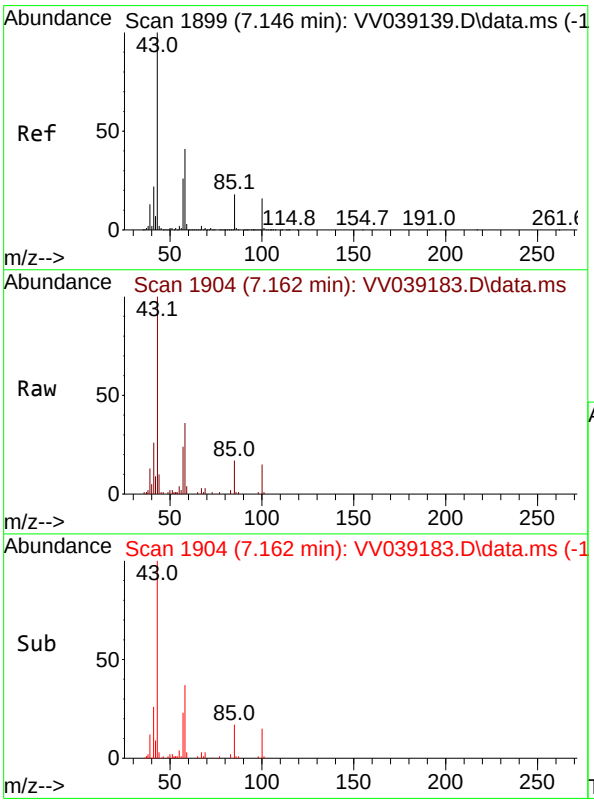
#50
Toluene-d8
Concen: 38.881 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 98 Resp: 887221

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.2

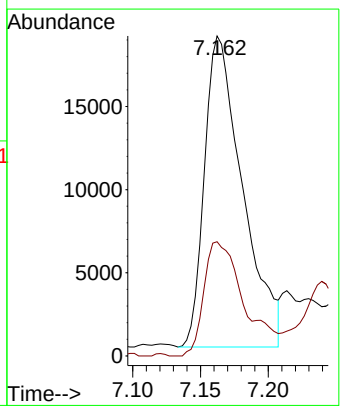


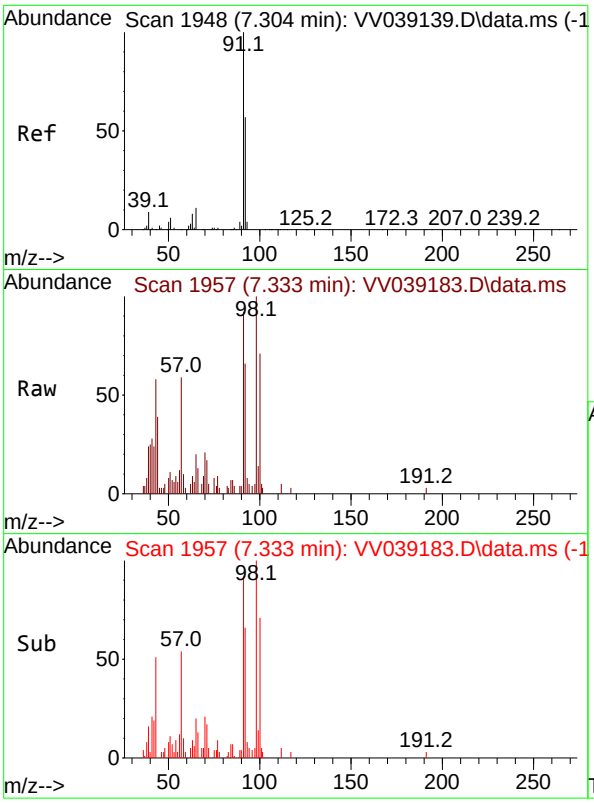


#51
4-Methyl-2-Pentanone
Concen: 2.866 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.016 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 43 Resp: 36643

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.3	48.5



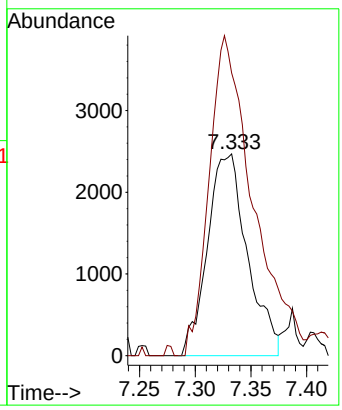


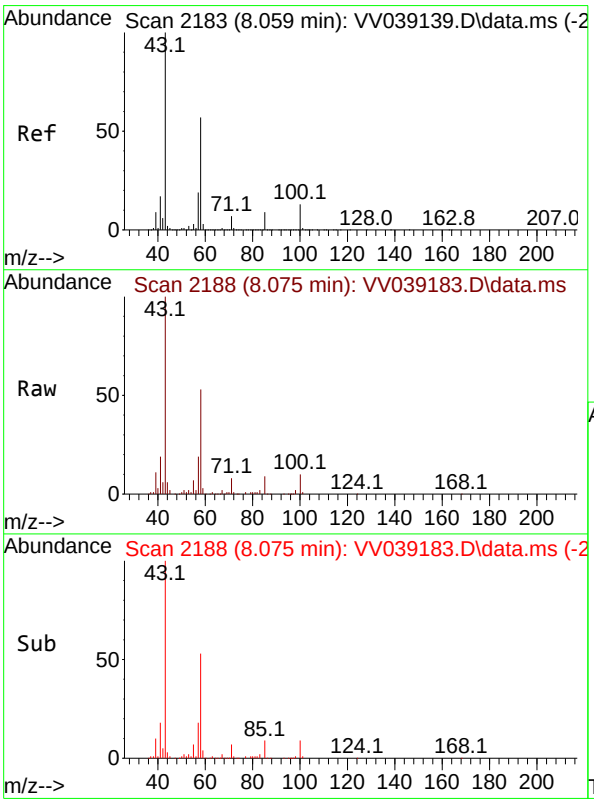
#52
Toluene
Concen: 0.278 ug/l
RT: 7.333 min Scan# 1
Delta R.T. 0.029 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 92 Resp: 6169

Ion	Ratio	Lower	Upper
92	100		
91	173.8	139.2	208.8

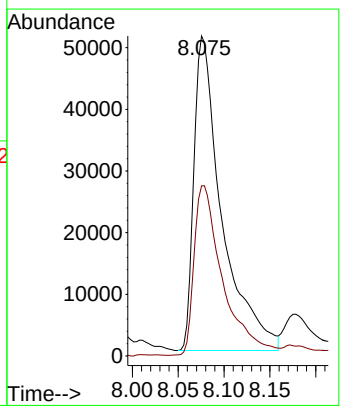


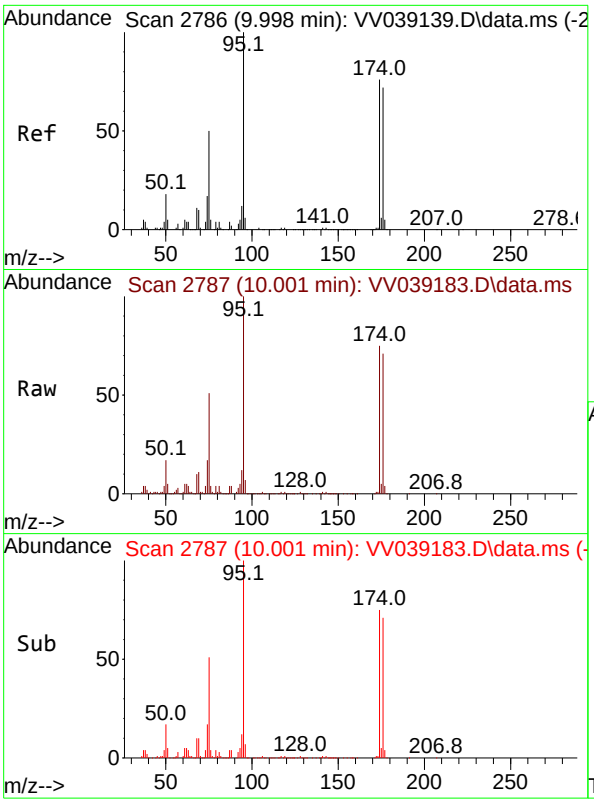


#59
2-Hexanone
Concen: 12.714 ug/l
RT: 8.075 min Scan# 2188
Delta R.T. 0.016 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 43 Resp: 108220

Ion	Ratio	Lower	Upper
43	100		
58	55.6	28.3	85.0



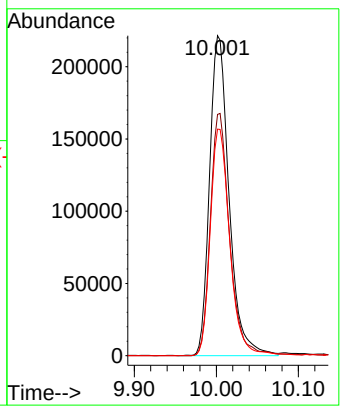


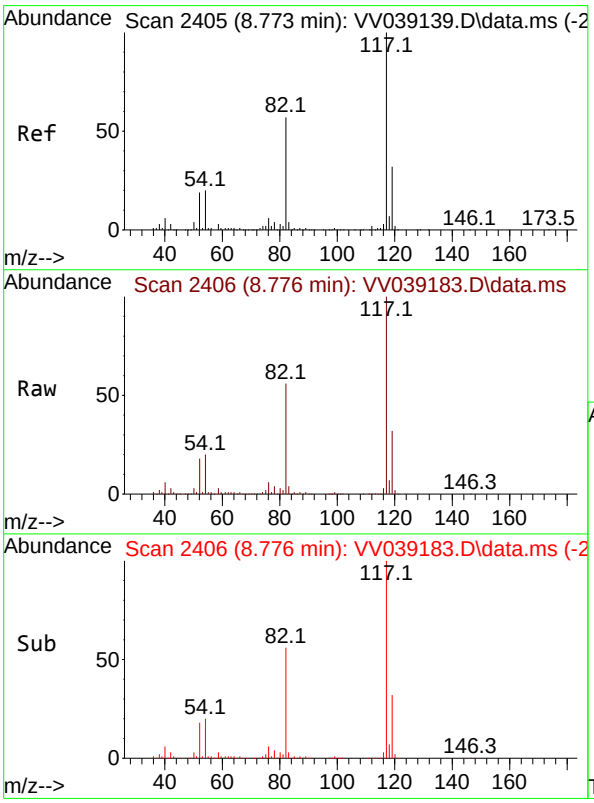
#62
4-Bromofluorobenzene
Concen: 39.031 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 95 Resp: 366650

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	150.4
176	70.9	0.0	144.2

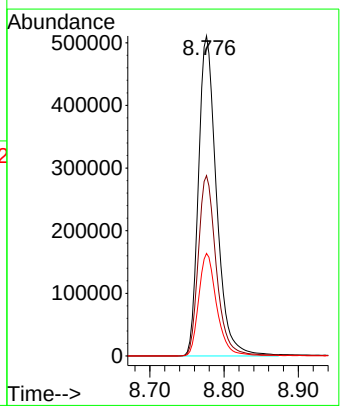


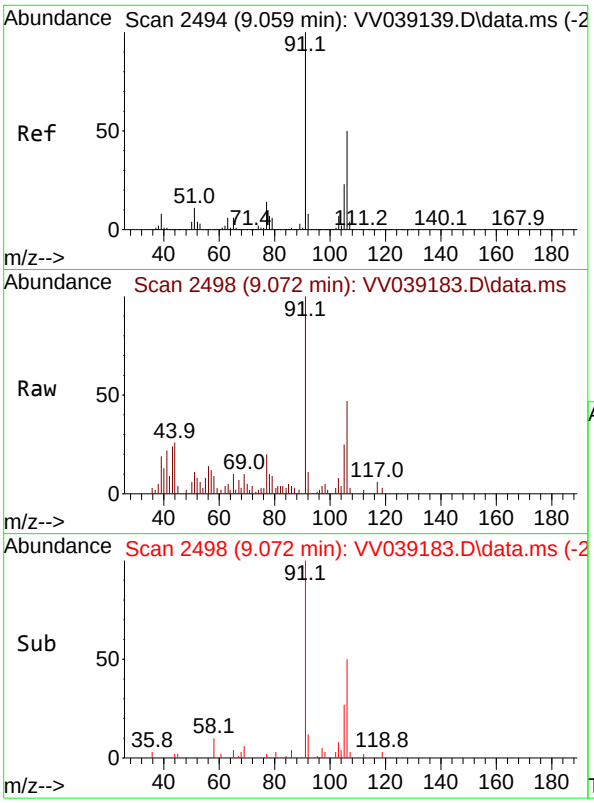


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion:117 Resp: 862048

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.2
119	32.1	25.6	38.4



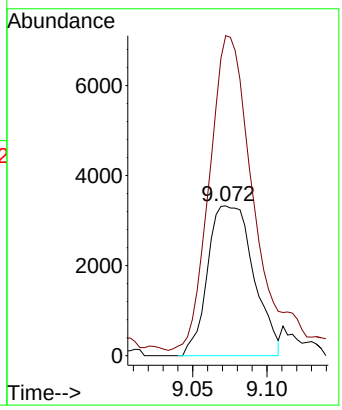


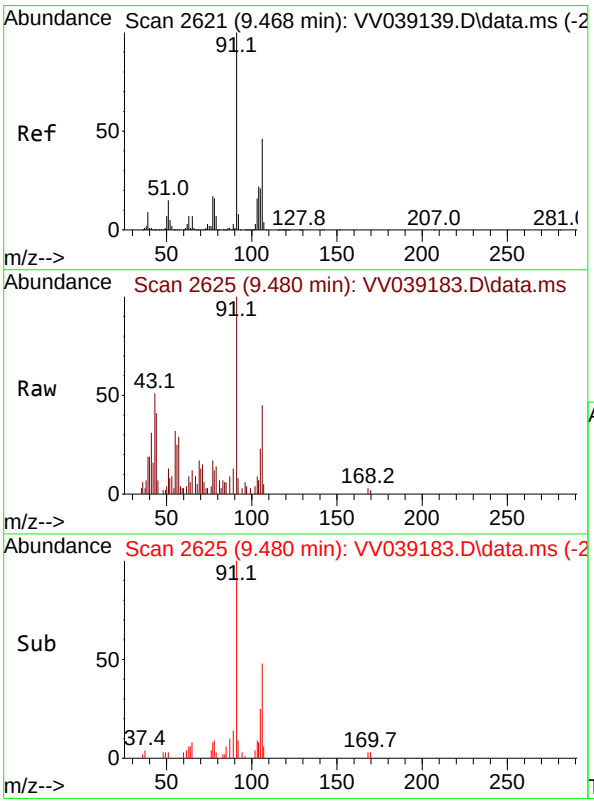
#68
m/p-Xylenes
Concen: 0.509 ug/l
RT: 9.072 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion:106 Resp: 7137

Ion	Ratio	Lower	Upper
106	100		
91	205.9	162.5	243.7

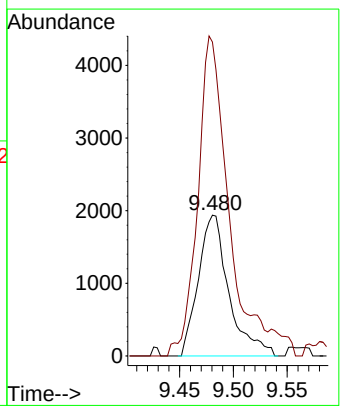


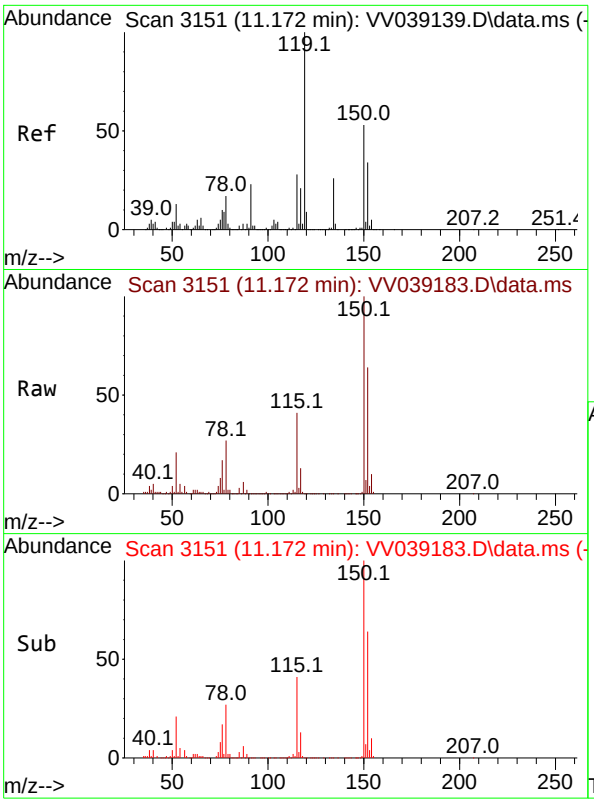


#69
o-Xylene
Concen: 0.308 ug/l
RT: 9.480 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion:106 Resp: 3828

Ion	Ratio	Lower	Upper
106	100		
91	225.4	109.1	327.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion:152 Resp: 399824

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.8	134.4
150	156.6	0.0	353.8