Quantitation Report (Not 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
3) Chloromethane	1.230	50	3768	0.428	ug/l #	65
11) Tert butyl alcohol	2.577	59	31850	20.081	ug/l	99
13) Acrolein	2.008	56	941	3.419	ug/l #	31
14) Allyl chloride	2.227	41	11108	0.795	ug/l #	68
16) Acetone	2.121	43	453120	91.092	ug/l	100
17) Carbon Disulfide	2.256	76	20156	0.843	ug/l #	93
18) Methyl Acetate	2.227	43	33352	3.000	ug/l #	53
20) Methylene Chloride	2.465	84	2337	Below Cal	#	89
25) 2-Butanone	3.886	43	177245	29.496	ug/l	95
31) Cyclohexane	4.596	56	11133	0.832	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	46124	3.927	ug/l #	49
37) Ethyl Acetate	3.886	43	177245	12.435	ug/l #	71
38) Carbon Tetrachloride	4.600	117	56000	3.901	ug/l #	17
41) Methacrylonitrile	4.159	41	84	1.923	ug/l #	19
43) Isopropyl Acetate	5.252	43	6901	0.355	ug/l #	67
49) 1,4-Dioxane	6.272	88	52	0.366	ug/l #	25
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
58) 2-Chloroethyl Vinyl ether	6.821	63	84	9.635	ug/l #	47
59) 2-Hexanone	8.075	43	108220	12.714	ug/l	98
65) Chlorobenzene	8.812	112	12704	0.529	ug/l #	87
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
70) Styrene	9.477	104	305	1.573	ug/l #	1
74) N-amyl acetate	9.744	43	17774	1.537	ug/l #	1
76) 1,2,3-Trichloropropane	10.001	75	182807	20.081	ug/l #	56
81) trans-1,4-Dichloro-2-b...	10.001	75	182807	48.209	ug/l #	13
84) 1,2,4-Trimethylbenzene	10.847	105	8005	0.342	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.345	75	248	Below Cal	#	5
95) Naphthalene	13.435	128	16991	0.645	ug/l #	91

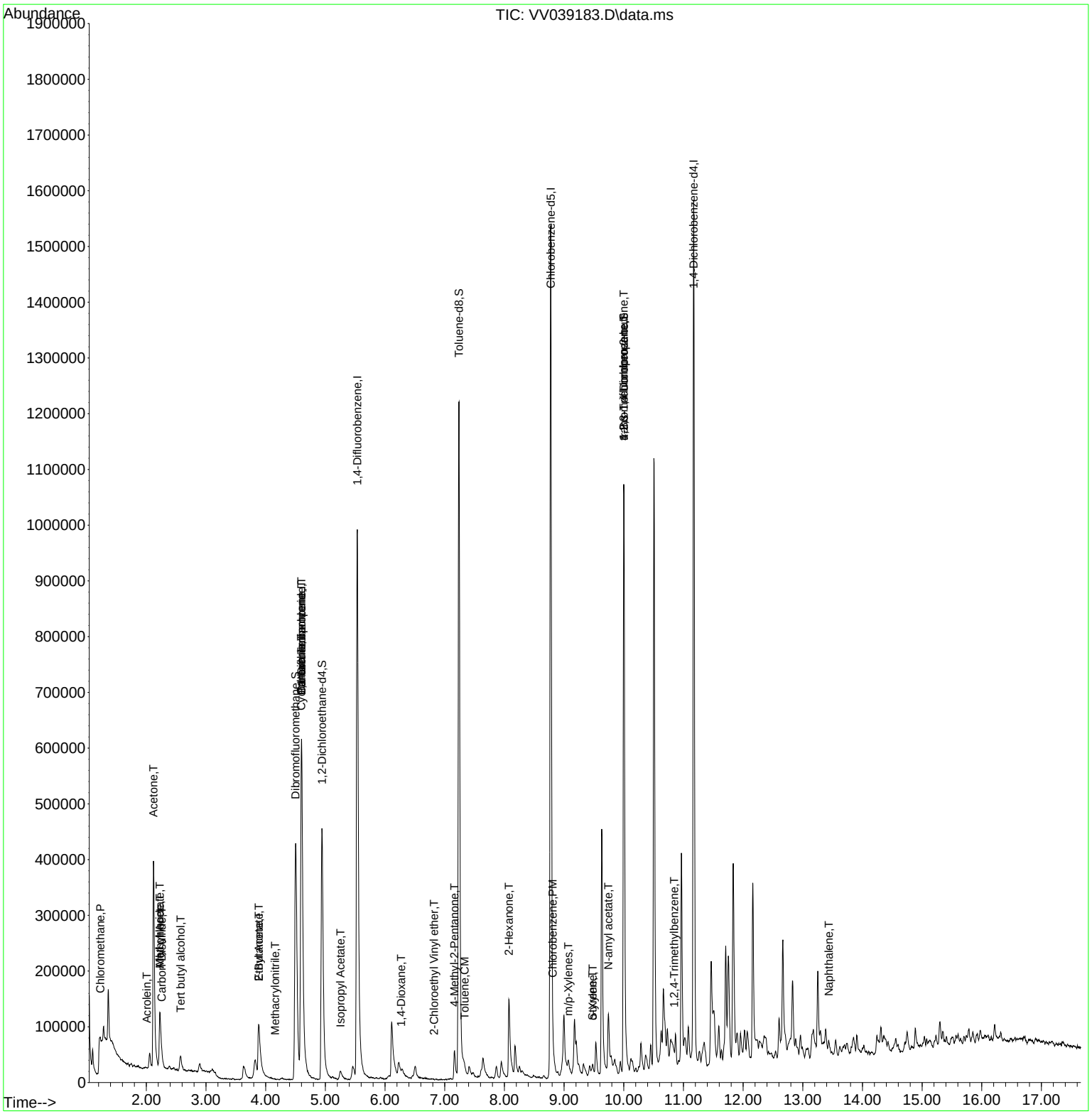
(#) = qualifier out of range (m) = manual integration (+) = signals summed

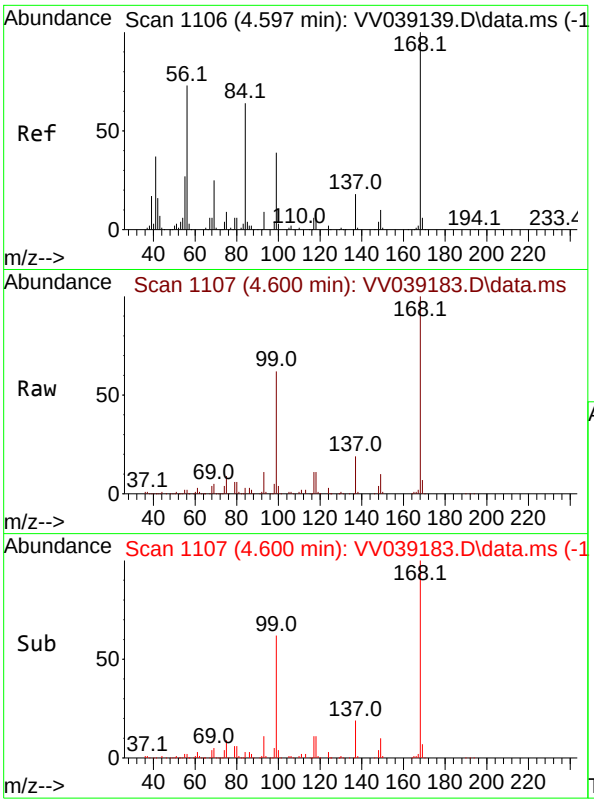
Quantitation Report (Not Reviewed)

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



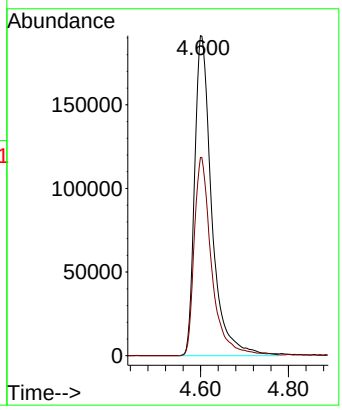


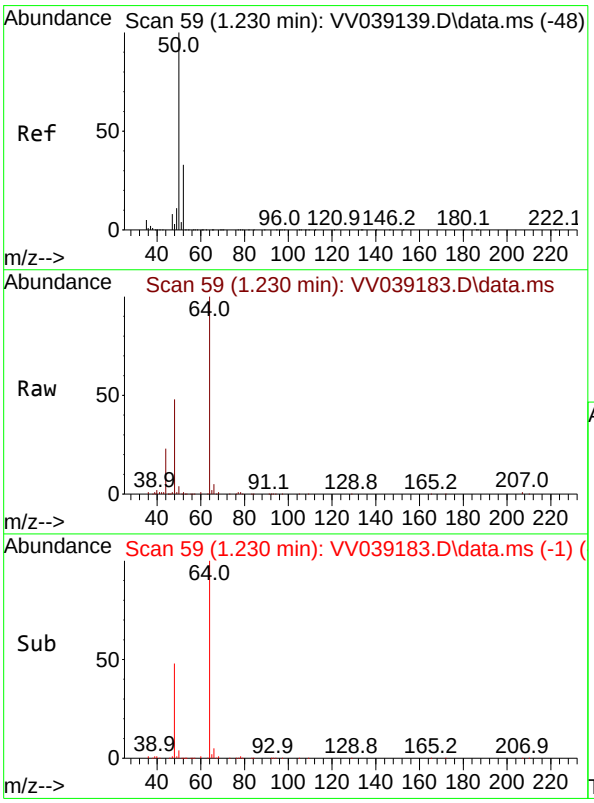
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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

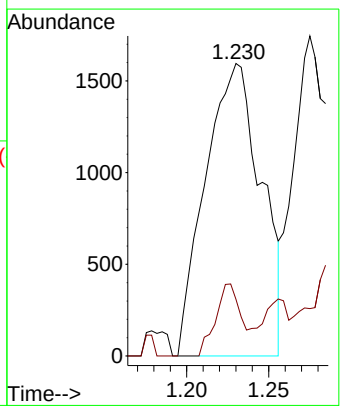


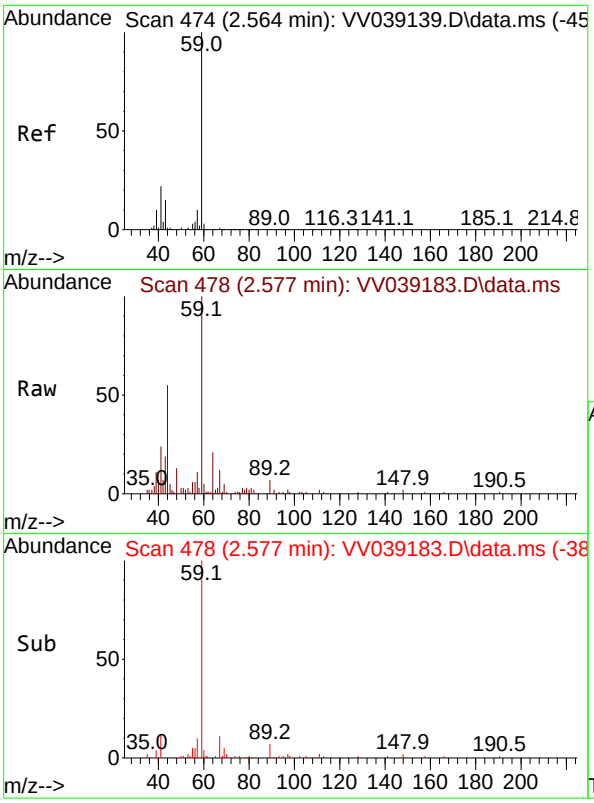


#3
Chloromethane
Concen: 0.428 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 50 Resp: 3768

Ion	Ratio	Lower	Upper
50	100		
52	12.7	26.0	39.0#



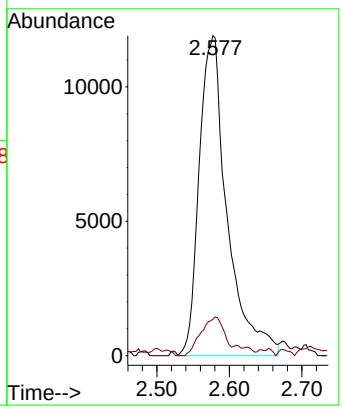


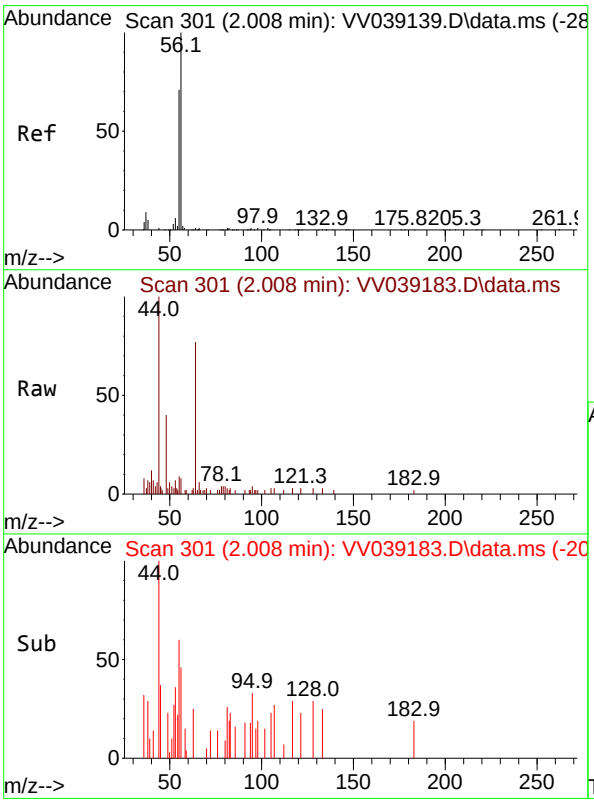
#11
Tert butyl alcohol
Concen: 20.081 ug/l
RT: 2.577 min Scan# 4
Delta R.T. 0.013 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 59 Resp: 31850

Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.8

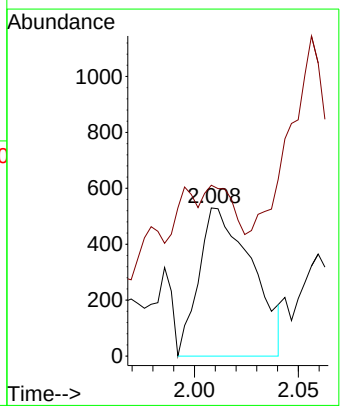


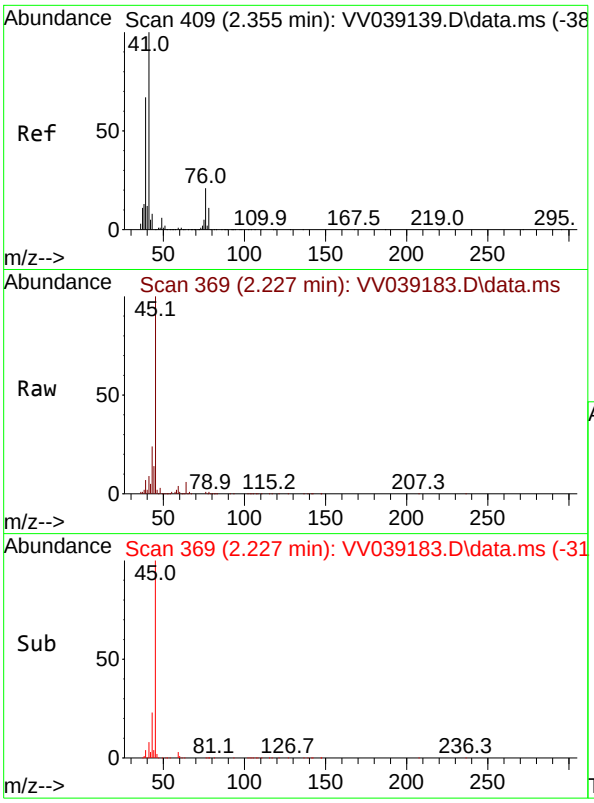


#13
Acrolein
Concen: 3.419 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 56 Resp: 941

Ion	Ratio	Lower	Upper
56	100		
55	13.6	56.2	84.4#



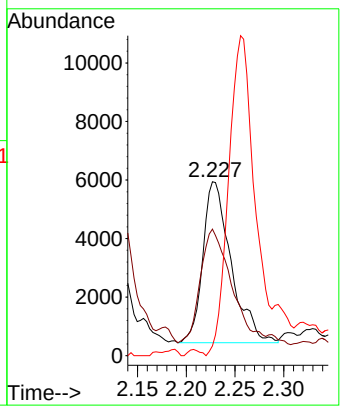


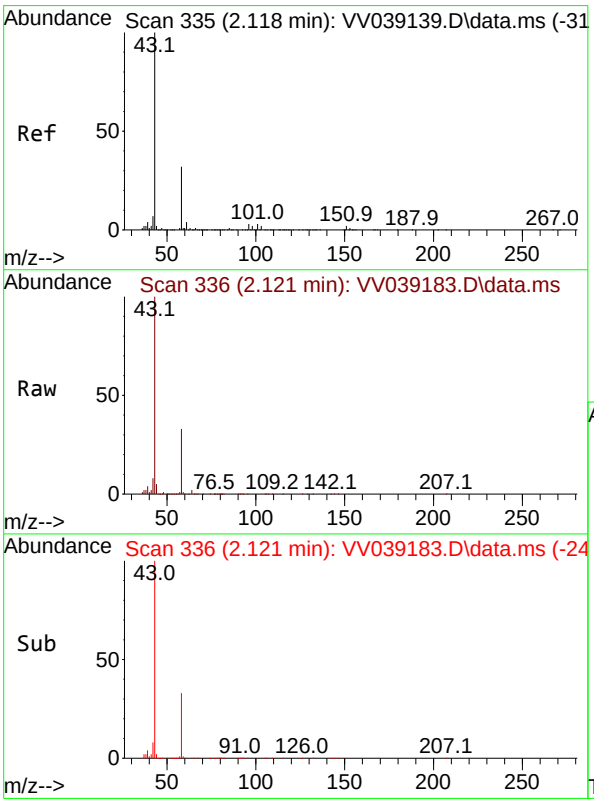
#14
Allyl chloride
Concen: 0.795 ug/l
RT: 2.227 min Scan# 3
Delta R.T. -0.129 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 41 Resp: 11108

Ion	Ratio	Lower	Upper
41	100		
39	76.9	51.0	76.6#
76	0.0	28.2	42.4#

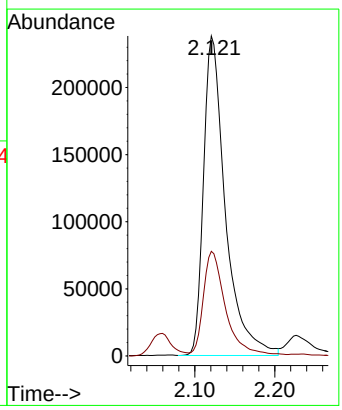


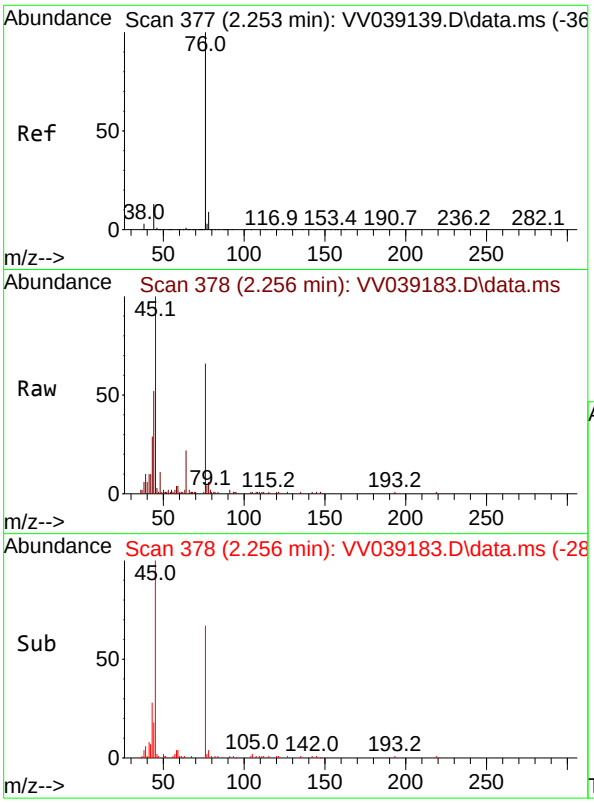


#16
Acetone
Concen: 91.092 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 43 Resp: 453120

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.6



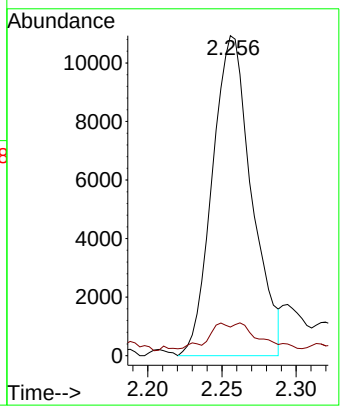


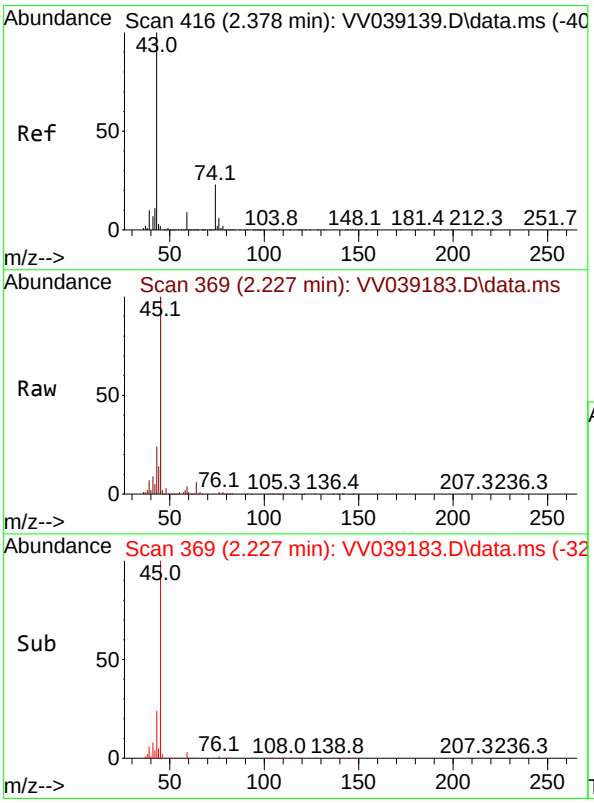
#17
Carbon Disulfide
Concen: 0.843 ug/l
RT: 2.256 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 76 Resp: 20156

Ion	Ratio	Lower	Upper
76	100		
78	6.8	7.4	11.0#

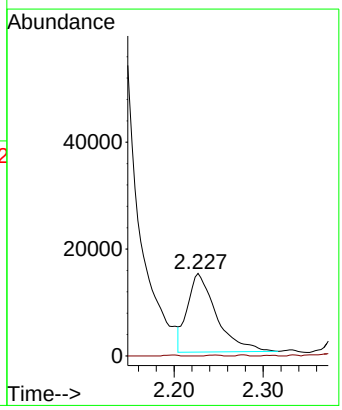


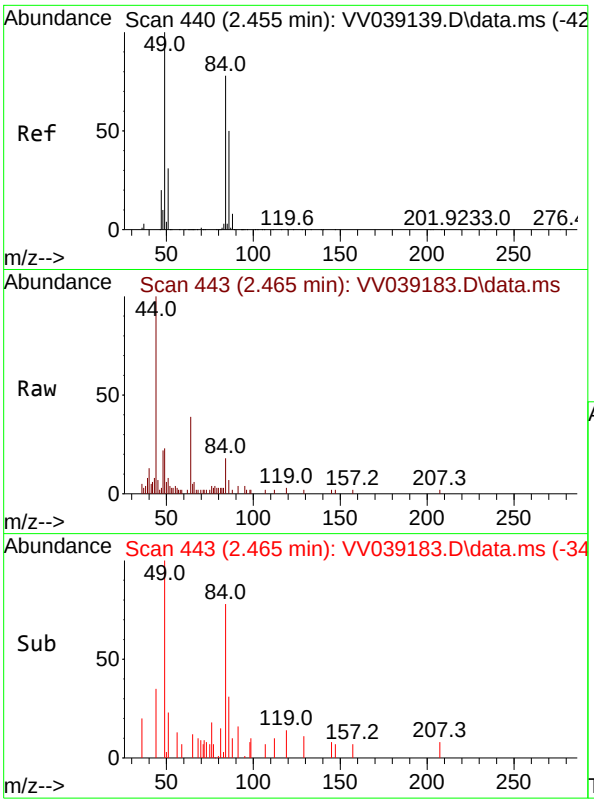


#18
Methyl Acetate
Concen: 3.000 ug/l
RT: 2.227 min Scan# 369
Delta R.T. -0.151 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 43 Resp: 33352

Ion	Ratio	Lower	Upper
43	100		
74	0.5	18.6	27.8#



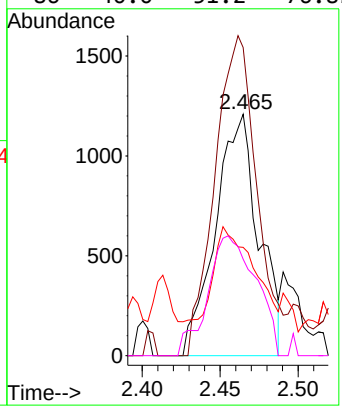


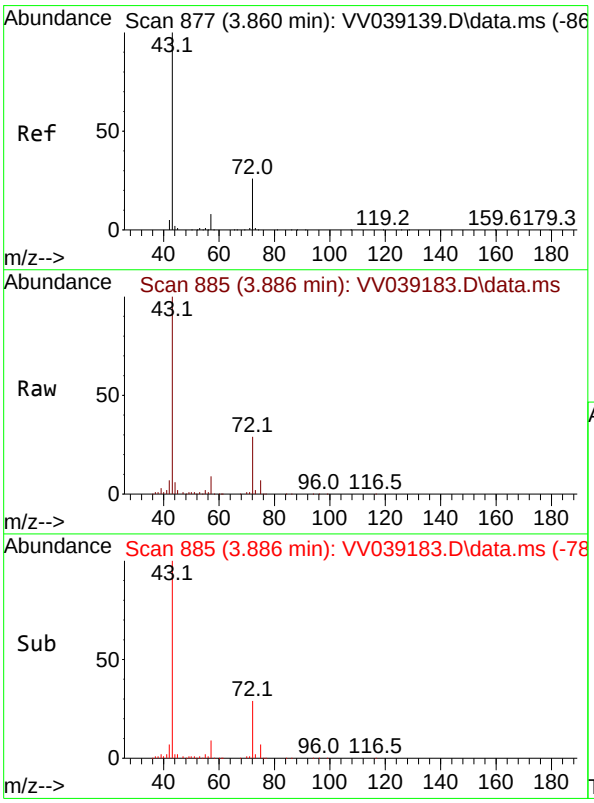
#20
Methylene Chloride
Concen: Below Cal
RT: 2.465 min Scan# 44
Delta R.T. 0.010 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 84 Resp: 2337

Ion	Ratio	Lower	Upper
84	100		
49	127.6	102.8	154.2
51	30.7	31.9	47.9#
86	40.0	51.2	76.8#

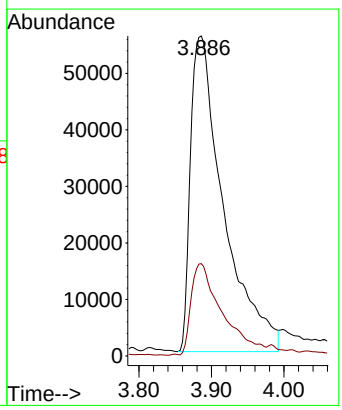


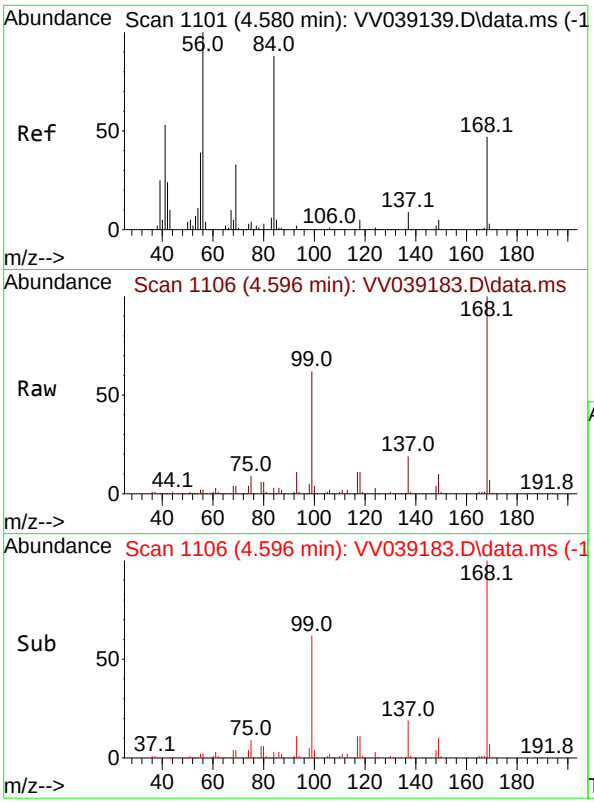


#25
2-Butanone
Concen: 29.496 ug/l
RT: 3.886 min Scan# 885
Delta R.T. 0.026 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 43 Resp: 177245

Ion	Ratio	Lower	Upper
43	100		
72	28.9	21.0	31.6



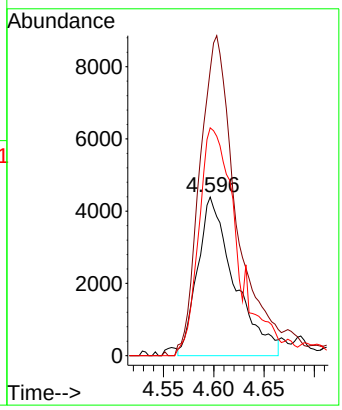


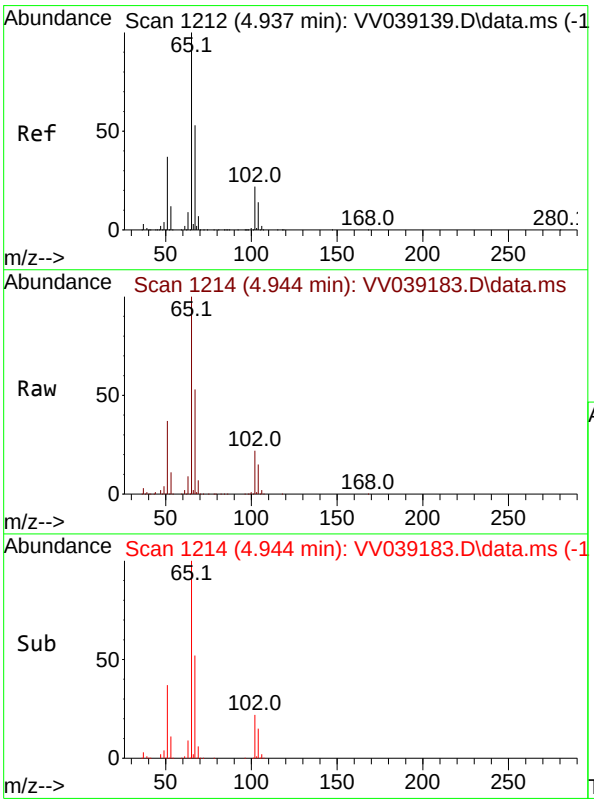
#31
Cyclohexane
Concen: 0.832 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 56 Resp: 11133

Ion	Ratio	Lower	Upper
56	100		
69	180.6	26.2	39.2#
84	145.6	70.3	105.5#

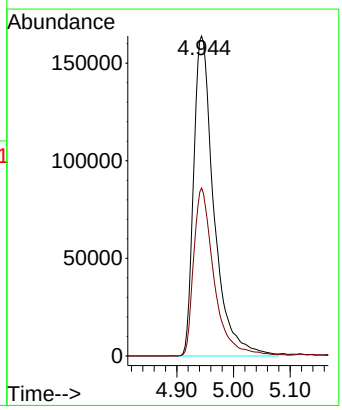


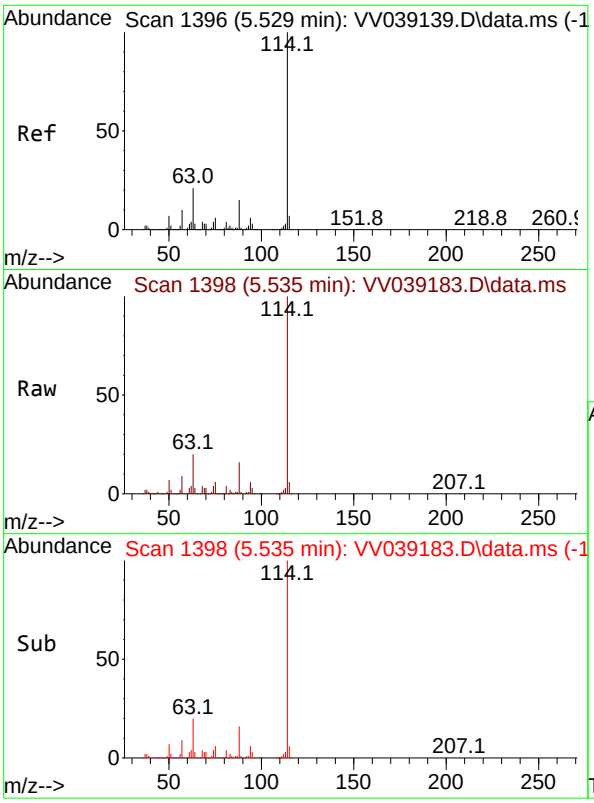


#33
1,2-Dichloroethane-d4
Concen: 54.297 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 65 Resp: 407460

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.0



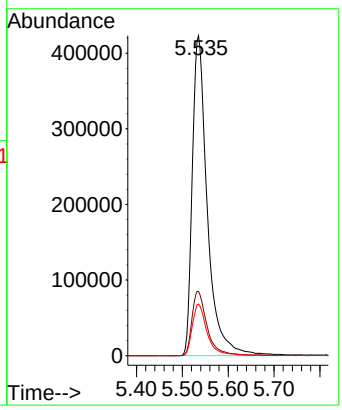


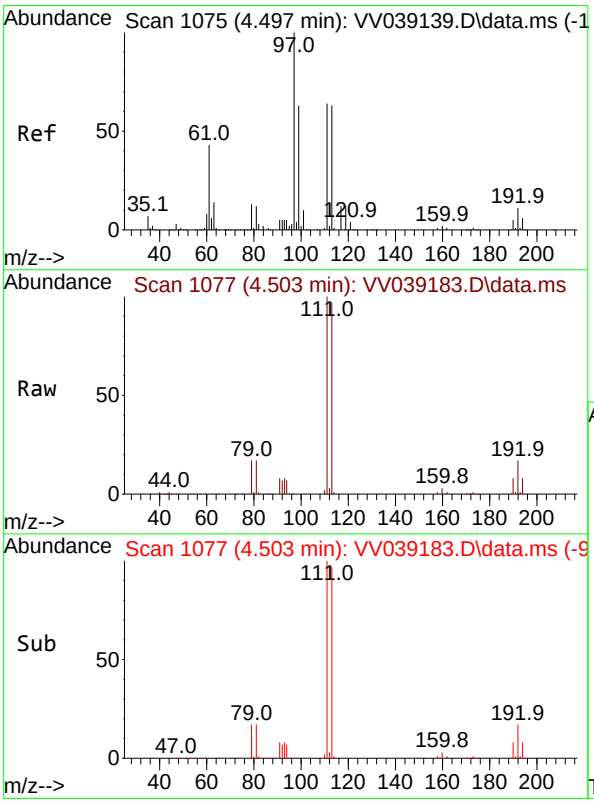
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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

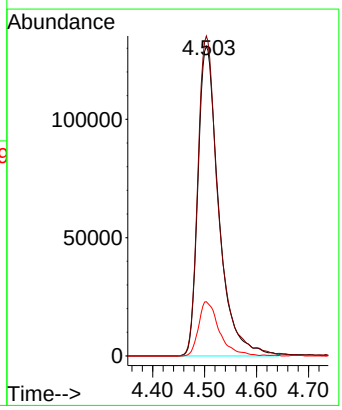


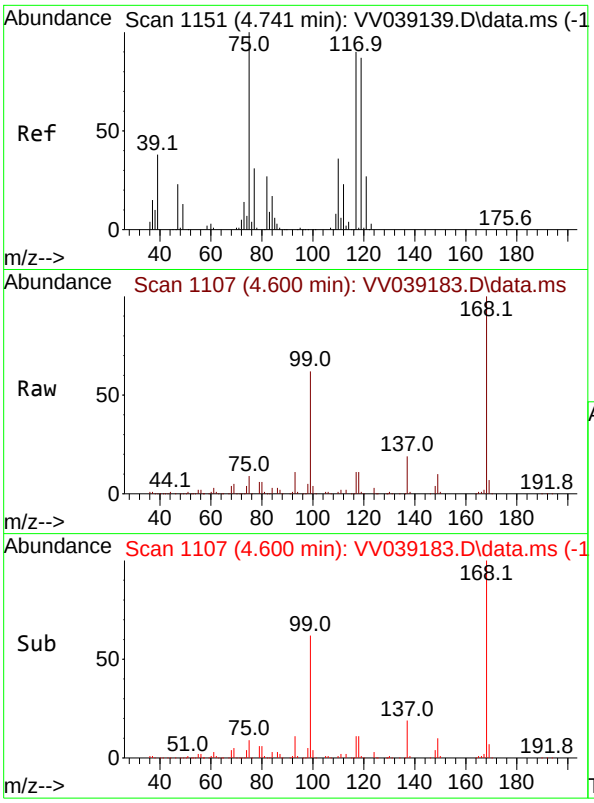


#35
Dibromofluoromethane
Concen: 46.914 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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



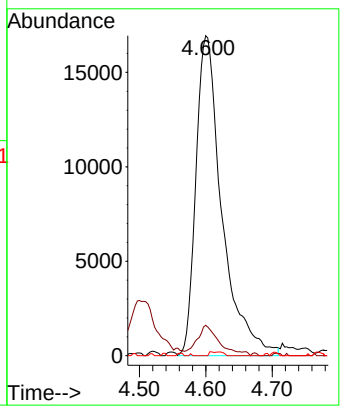


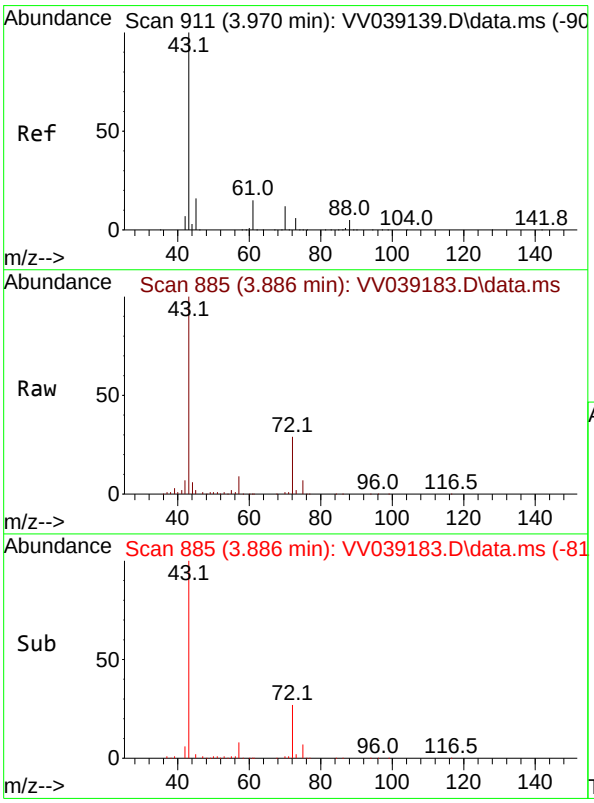
#36
1,1-Dichloropropene
Concen: 3.927 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.141 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 75 Resp: 46124

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.1#
77	0.2	24.8	37.2#

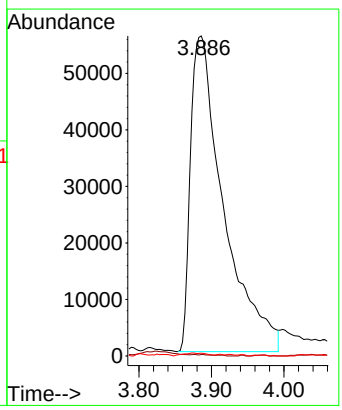


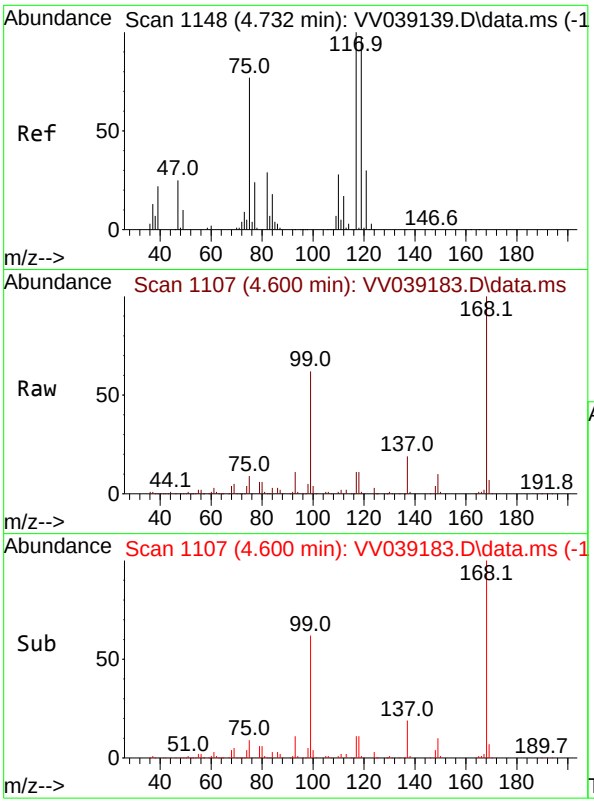


#37
Ethyl Acetate
Concen: 12.435 ug/l
RT: 3.886 min Scan# 885
Delta R.T. -0.084 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 43 Resp: 177245

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.6	8.0	12.0#



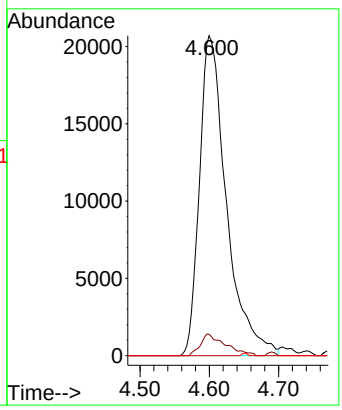


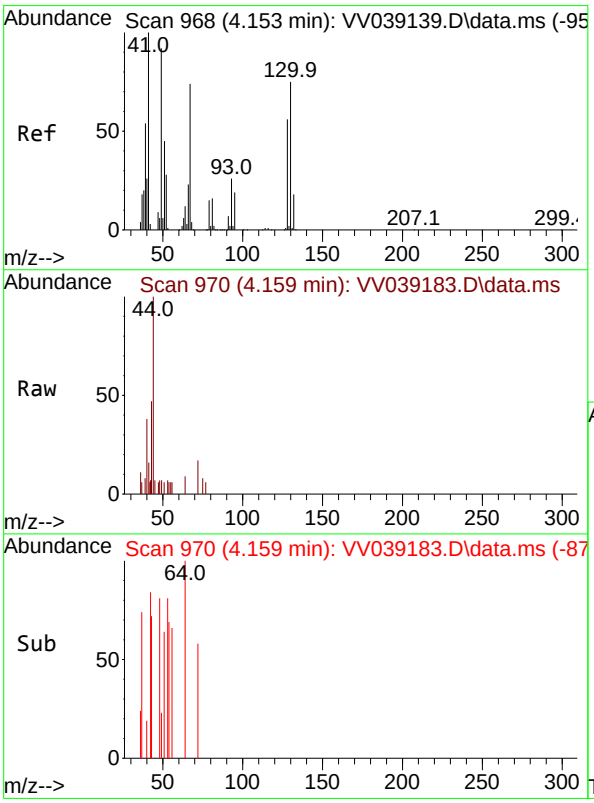
#38
Carbon Tetrachloride
Concen: 3.901 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.132 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion:117 Resp: 56000

Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.2	115.8#
121	0.0	24.2	36.2#

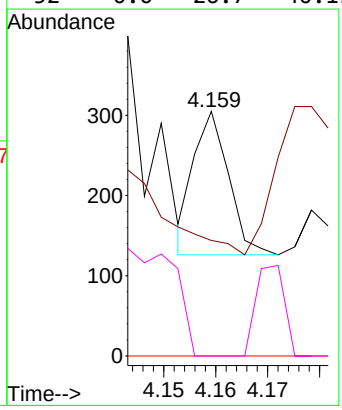


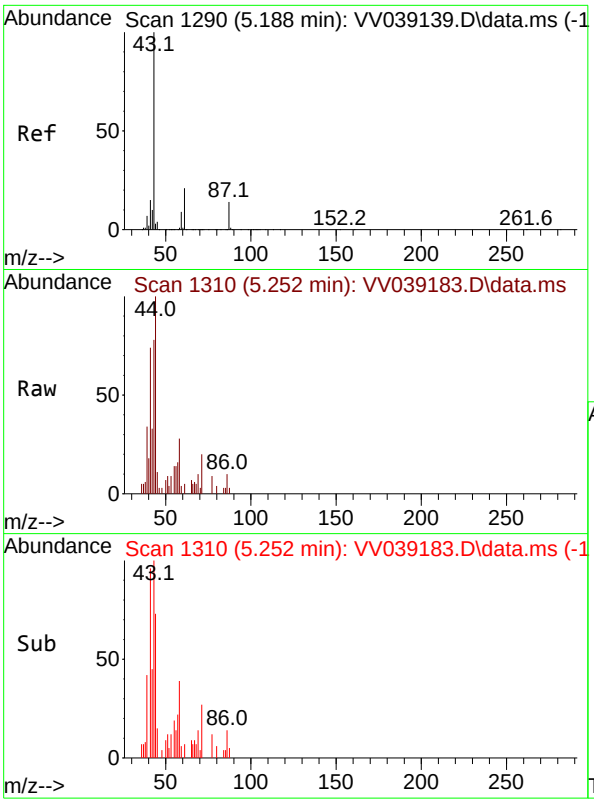


#41
Methacrylonitrile
Concen: 1.923 ug/l
RT: 4.159 min Scan# 970
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 41 Resp: 84

Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.2	63.2#
67	0.0	67.9	101.9#
52	0.0	26.7	40.1#



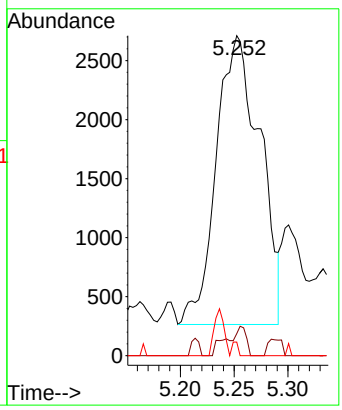


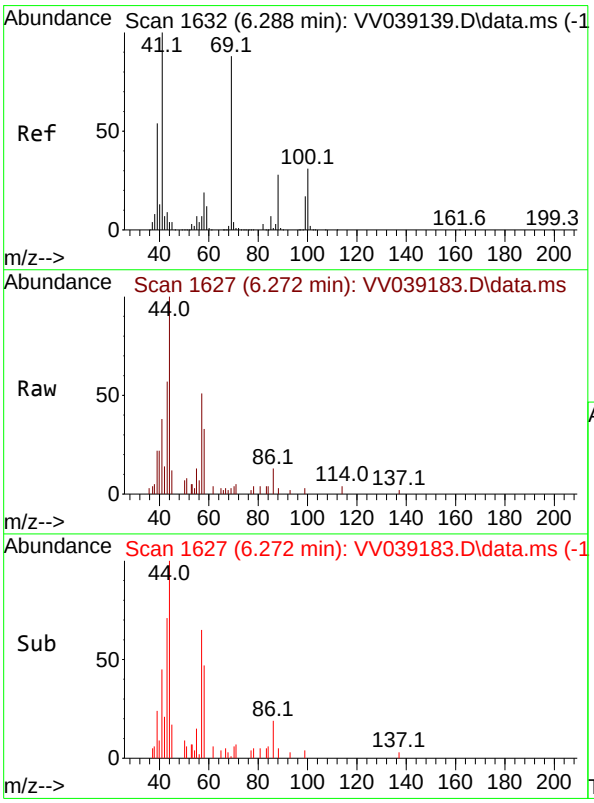
#43
Isopropyl Acetate
Concen: 0.355 ug/l
RT: 5.252 min Scan# 1
Delta R.T. 0.064 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 43 Resp: 6901

Ion	Ratio	Lower	Upper
43	100		
61	4.5	15.9	23.9#
87	0.7	11.0	16.6#

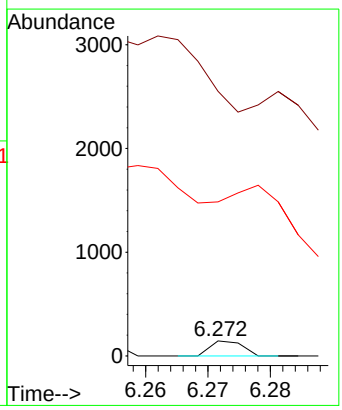


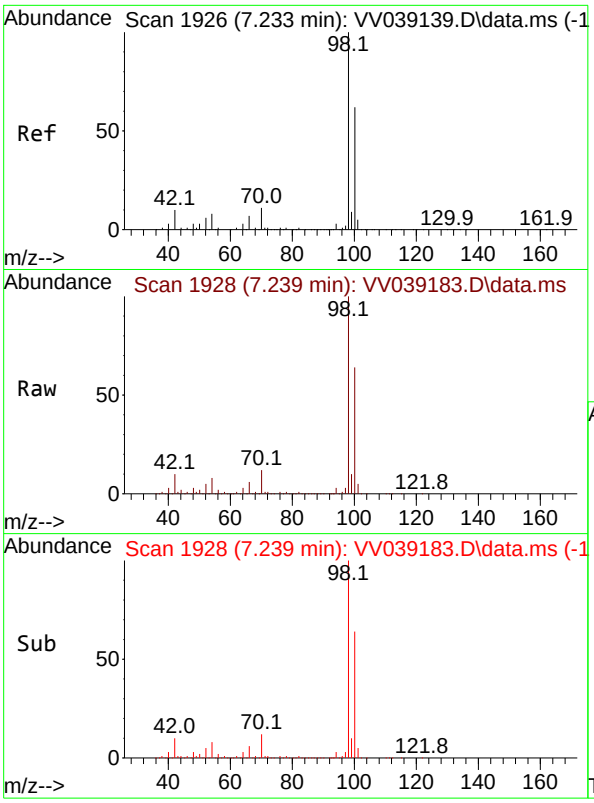


#49
1,4-Dioxane
Concen: 0.366 ug/l
RT: 6.272 min Scan# 1627
Delta R.T. -0.016 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 88 Resp: 52

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	53.6	80.4#



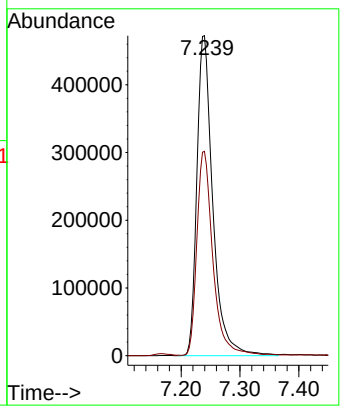


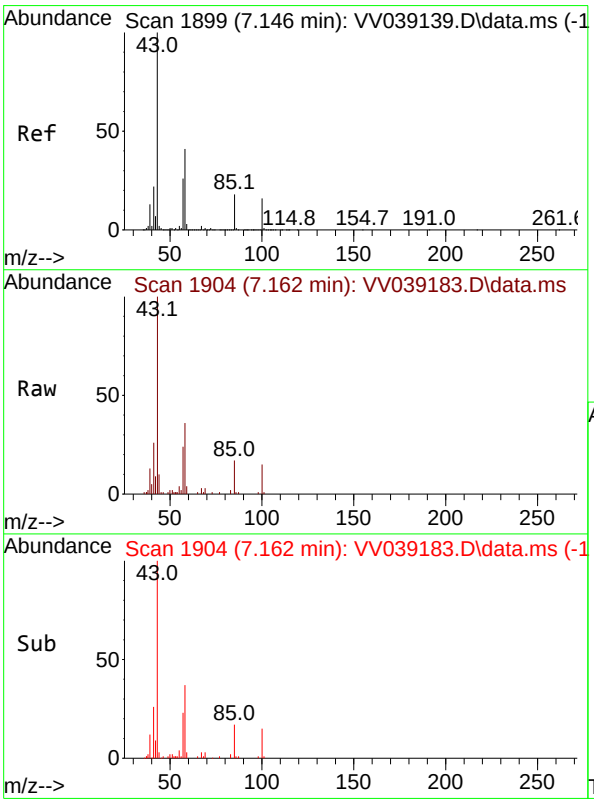
#50
Toluene-d8
Concen: 38.881 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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

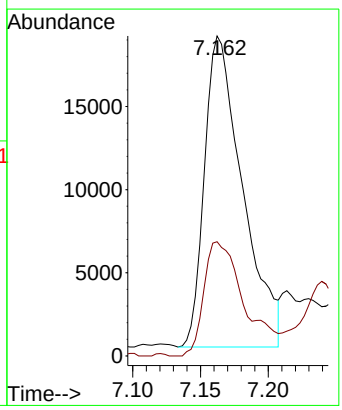


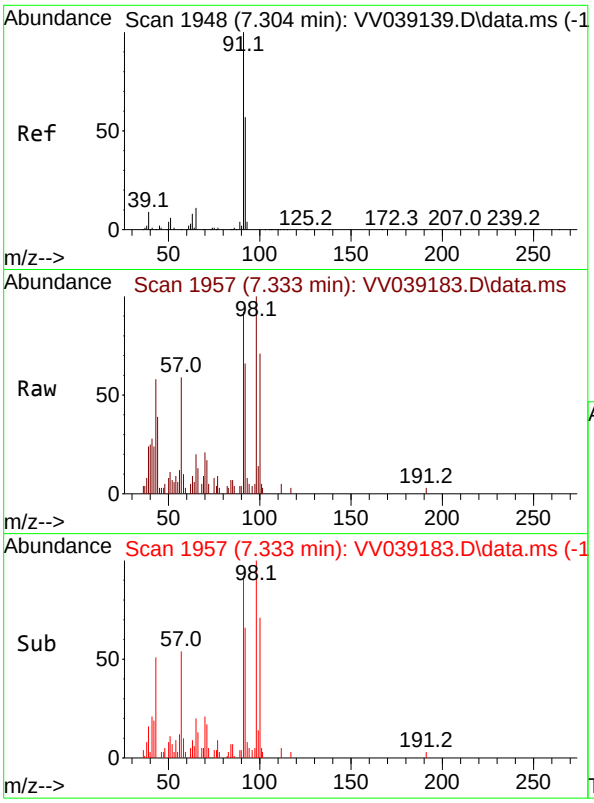


#51
4-Methyl-2-Pentanone
Concen: 2.866 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.016 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 43 Resp: 36643

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.3	48.5



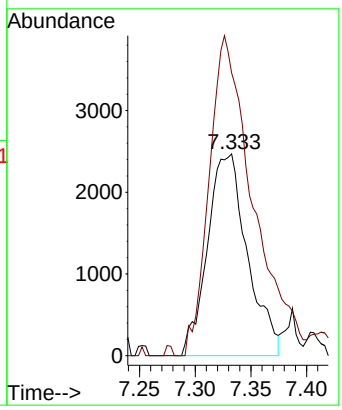


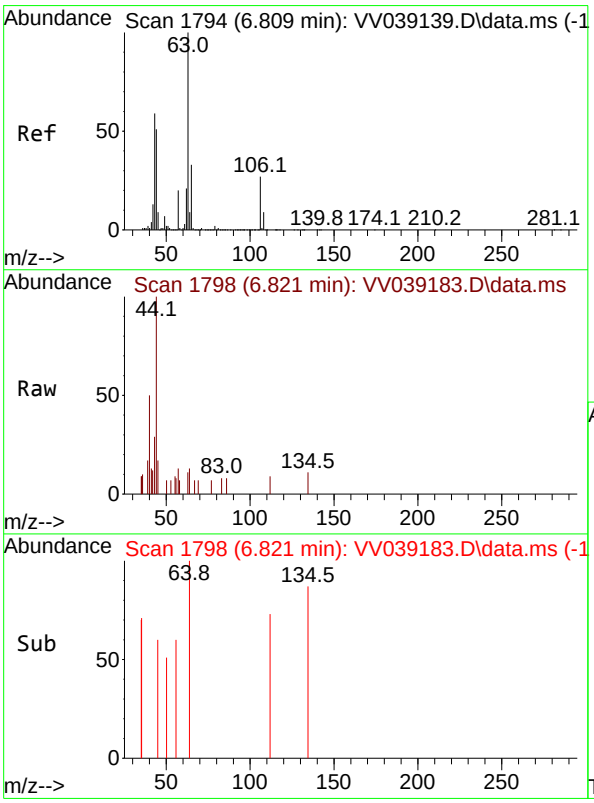
#52
Toluene
Concen: 0.278 ug/l
RT: 7.333 min Scan# 1
Delta R.T. 0.029 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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

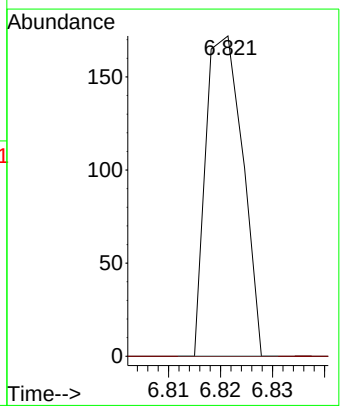


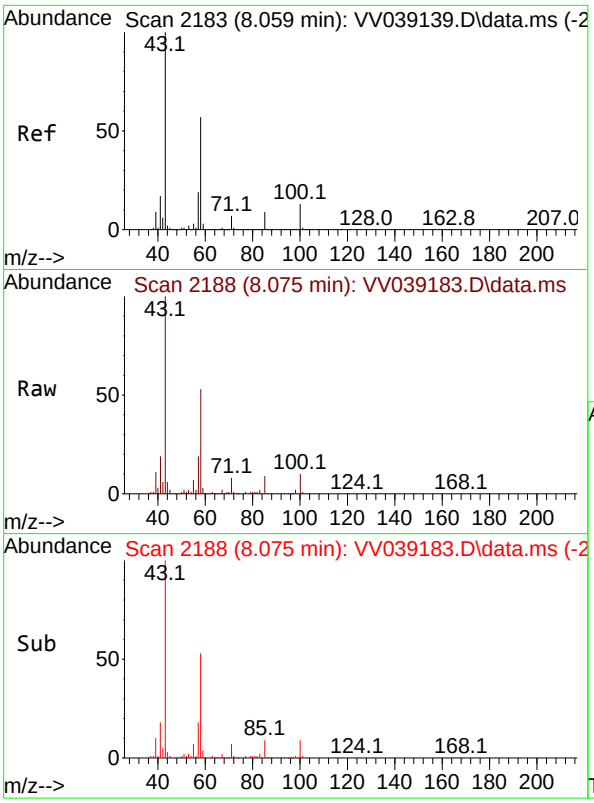


#58
2-Chloroethyl Vinyl ether
Concen: 9.635 ug/l
RT: 6.821 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 63 Resp: 84

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.1	33.1#



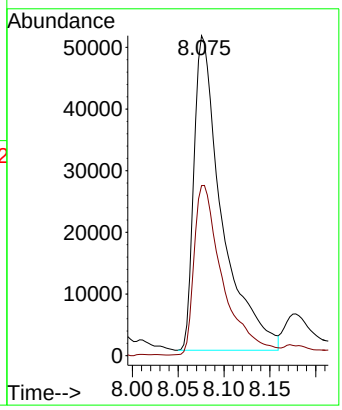


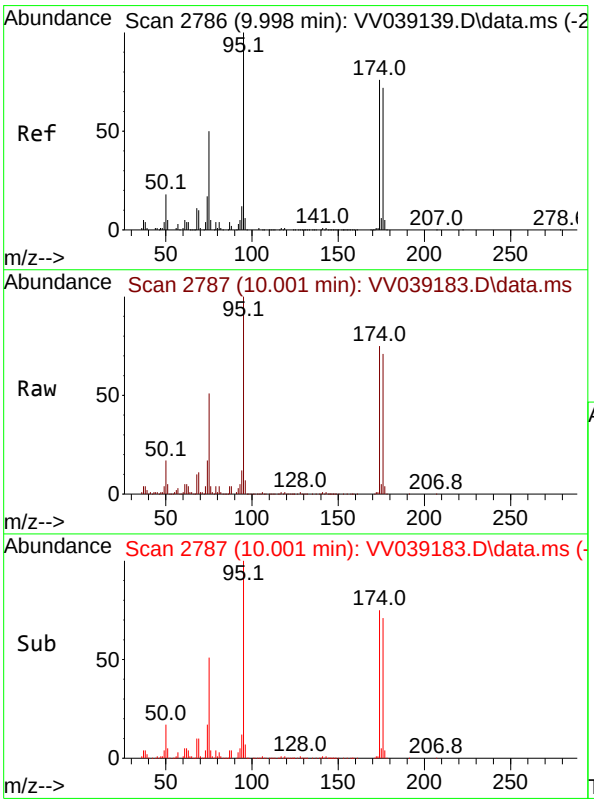
#59
2-Hexanone
Concen: 12.714 ug/l
RT: 8.075 min Scan# 2
Delta R.T. 0.016 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 43 Resp: 108220

Ion	Ratio	Lower	Upper
43	100		
58	55.6	28.3	85.0

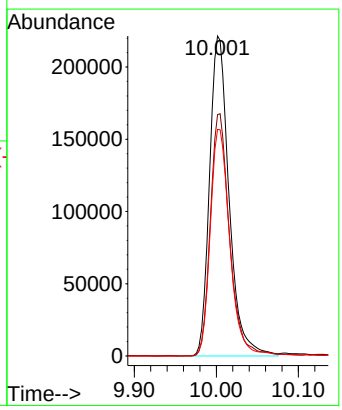


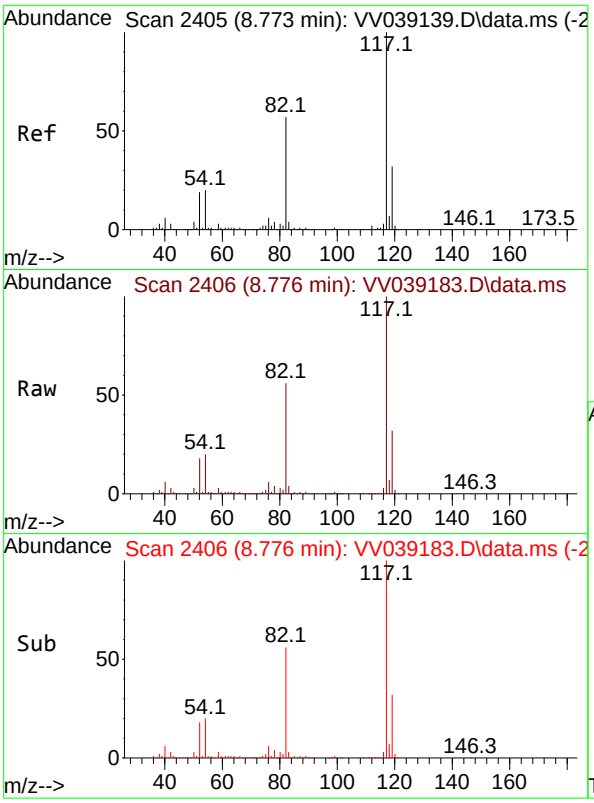


#62
4-Bromofluorobenzene
Concen: 39.031 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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



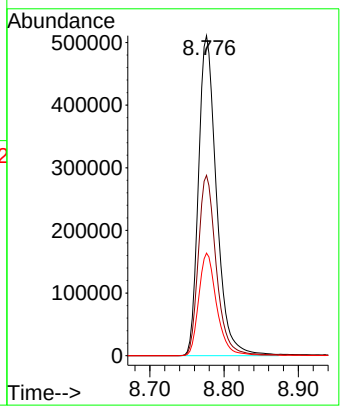


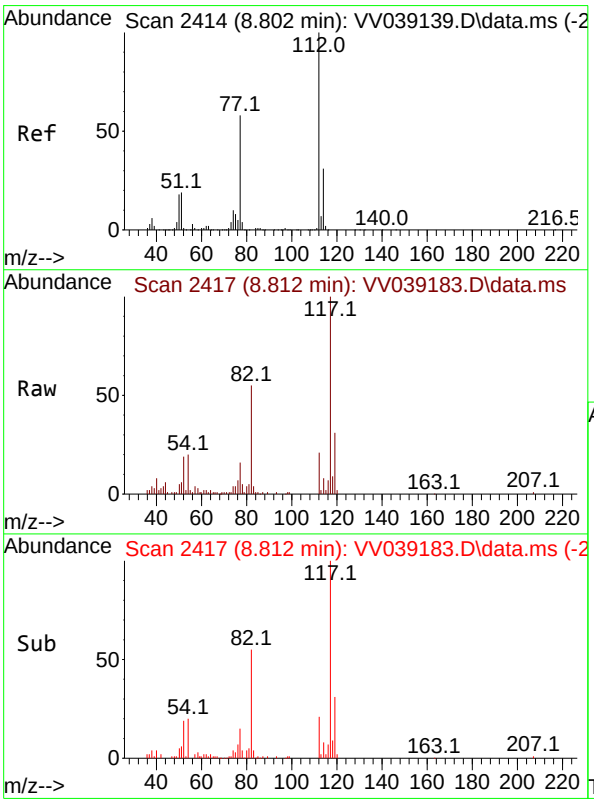
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion:117 Resp: 862048

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

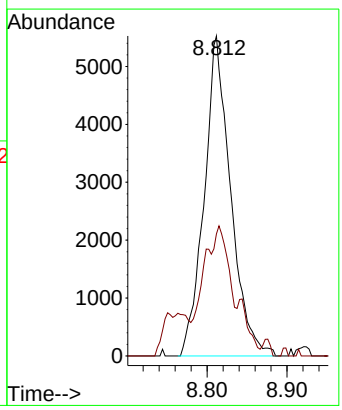


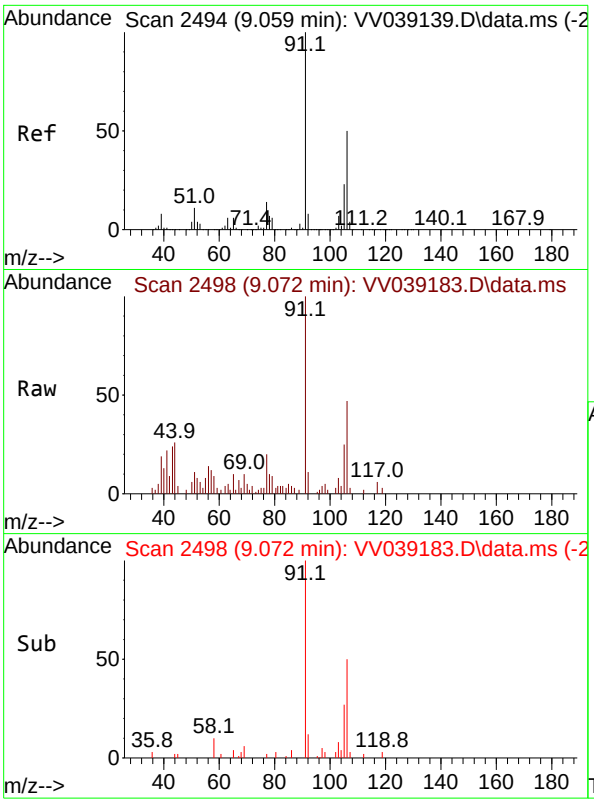


#65
Chlorobenzene
Concen: 0.529 ug/l
RT: 8.812 min Scan# 2417
Delta R.T. 0.010 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion:112 Resp: 12704

Ion	Ratio	Lower	Upper
112	100		
114	38.1	24.6	37.0#



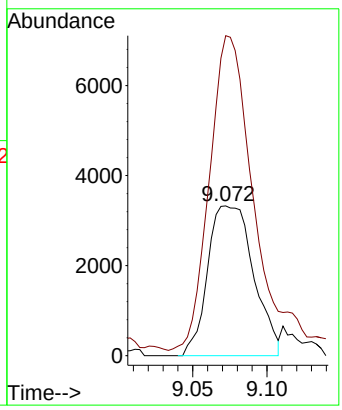


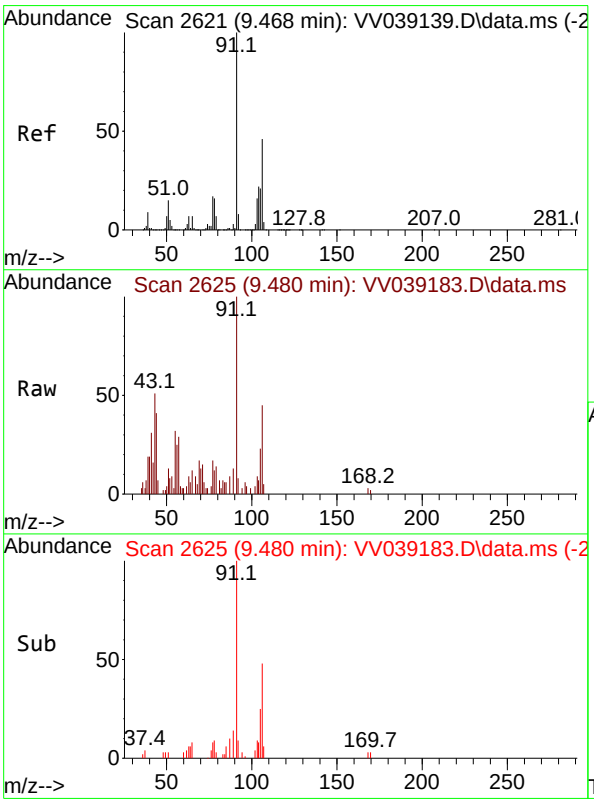
#68
m/p-Xylenes
Concen: 0.509 ug/l
RT: 9.072 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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

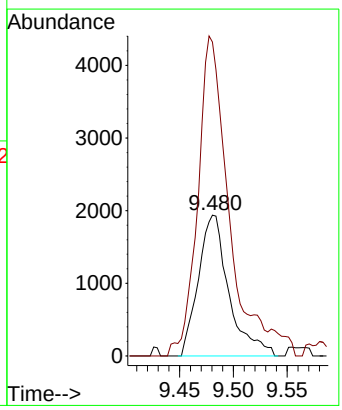


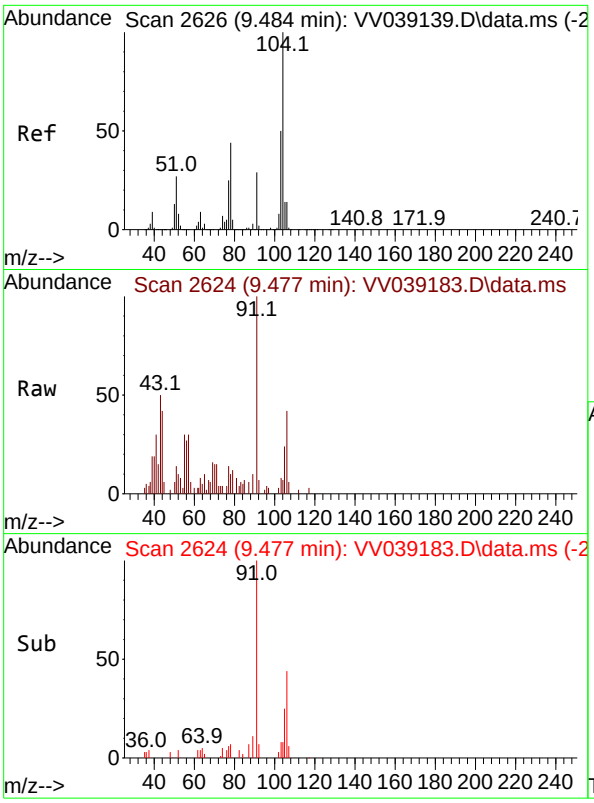


#69
o-Xylene
Concen: 0.308 ug/l
RT: 9.480 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion:106 Resp: 3828

Ion	Ratio	Lower	Upper
106	100		
91	225.4	109.1	327.3



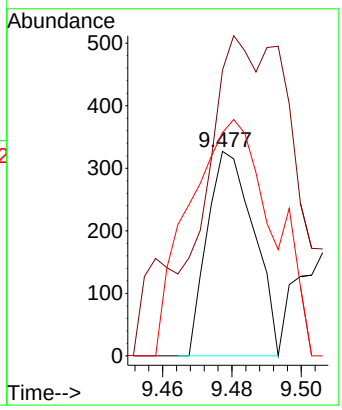


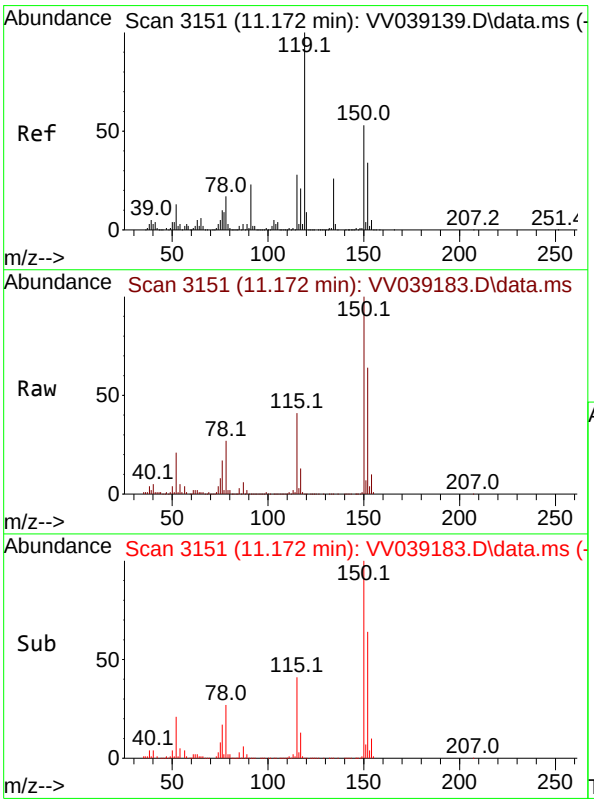
#70
Styrene
Concen: 1.573 ug/l
RT: 9.477 min Scan# 2
Delta R.T. -0.007 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion:104 Resp: 305

Ion	Ratio	Lower	Upper
104	100		
78	105.6	39.8	59.6#
103	208.9	43.4	65.2#

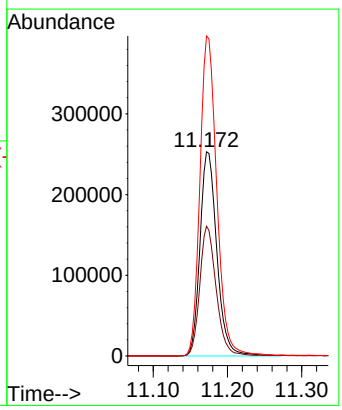


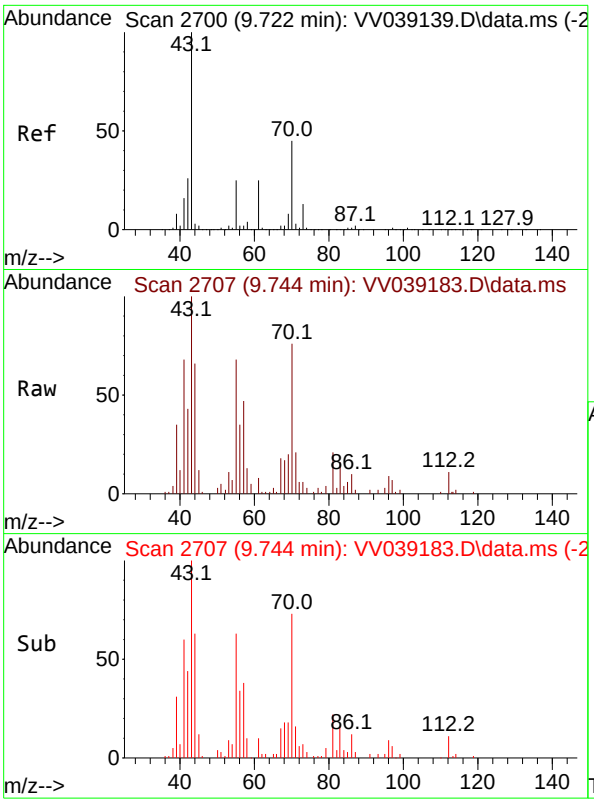


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

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



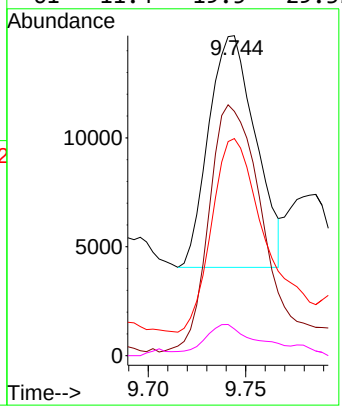


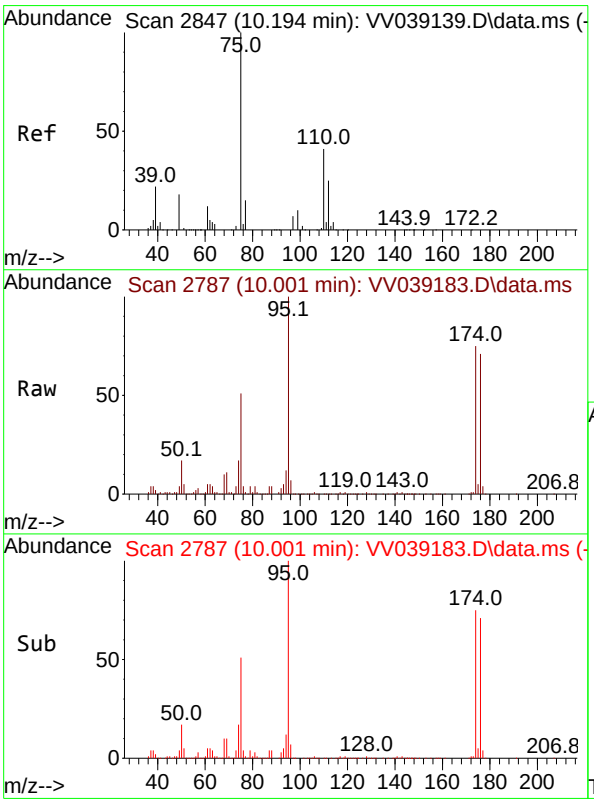
#74
N-amyl acetate
Concen: 1.537 ug/l
RT: 9.744 min Scan# 2
Delta R.T. 0.022 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 43 Resp: 17774

Ion	Ratio	Lower	Upper
43	100		
70	129.9	35.4	53.0#
55	97.6	20.6	30.8#
61	11.4	19.5	29.3#

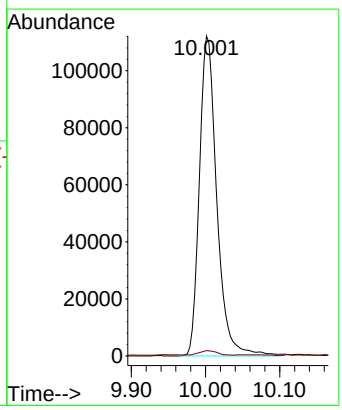


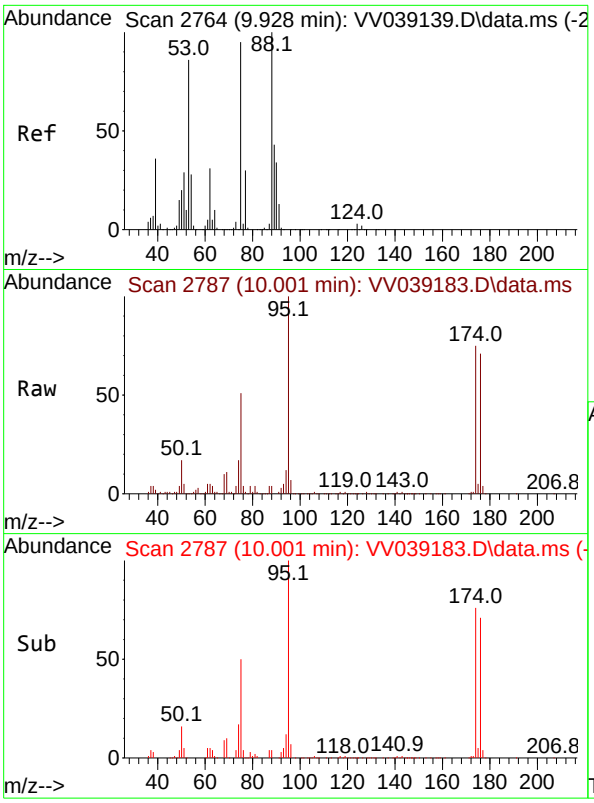


#76
1,2,3-Trichloropropane
Concen: 20.081 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion: 75 Resp: 182807

Ion	Ratio	Lower	Upper
75	100		
77	1.4	11.3	33.8#



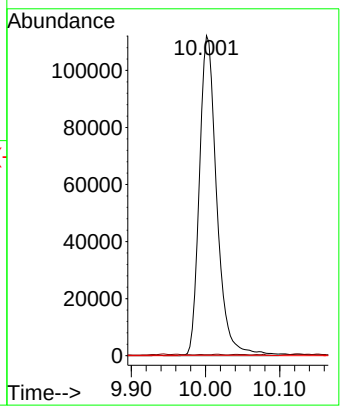


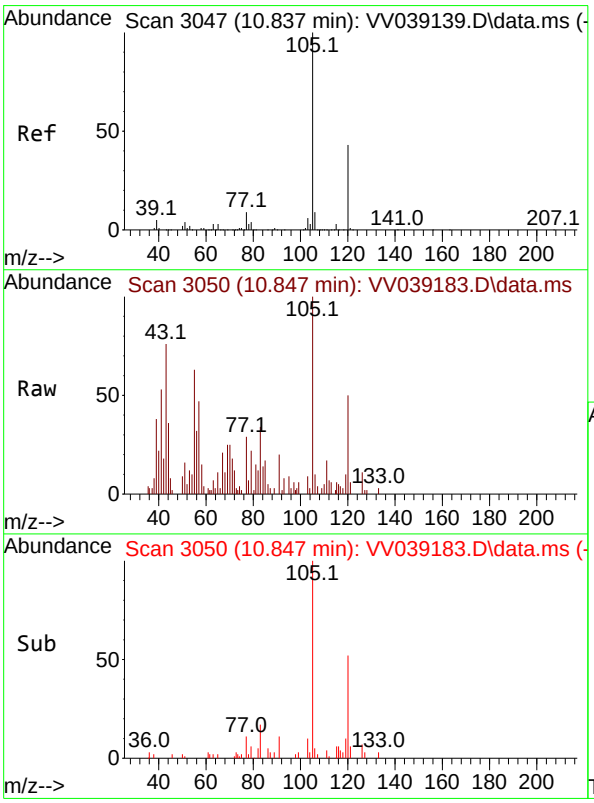
#81
trans-1,4-Dichloro-2-butene
Concen: 48.209 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.074 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 75 Resp: 182807

Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.5	108.7#
89	0.0	37.2	55.8#

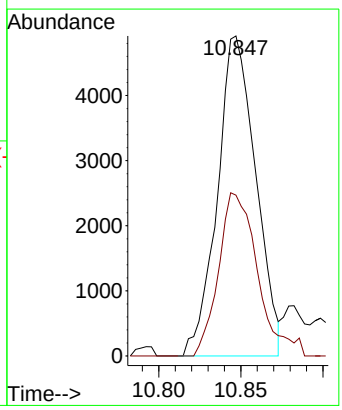


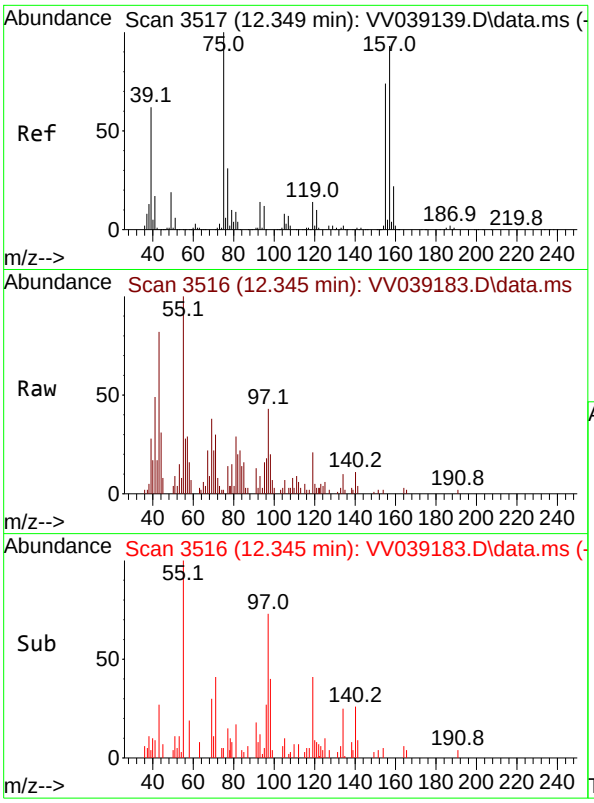


#84
1,2,4-Trimethylbenzene
Concen: 0.342 ug/l
RT: 10.847 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion:105 Resp: 8005

Ion	Ratio	Lower	Upper
105	100		
120	51.7	22.4	67.2



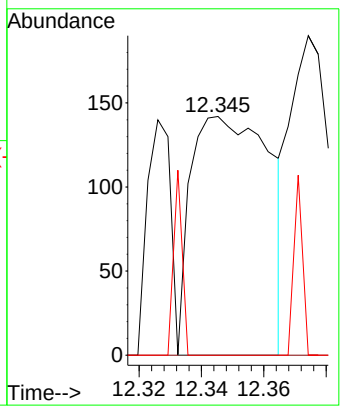


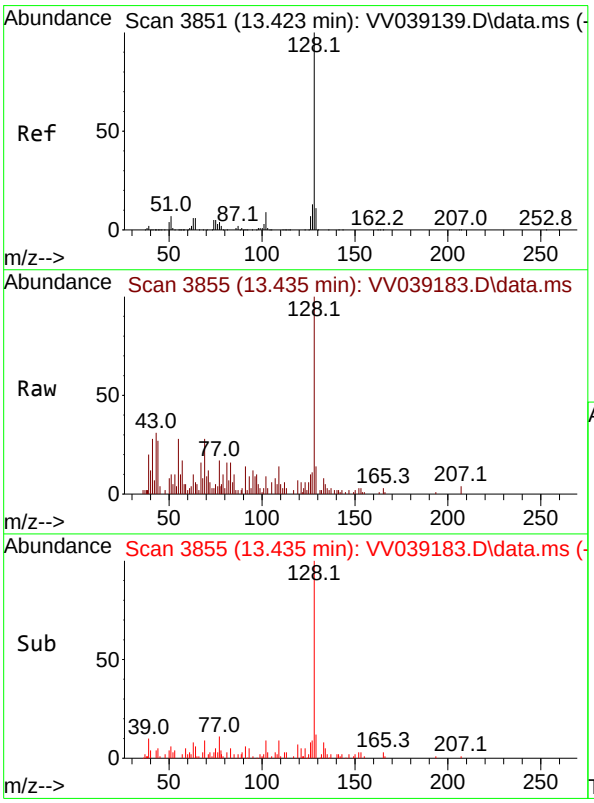
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.345 min Scan# 3
Delta R.T. -0.004 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#1RE

Tgt Ion: 75 Resp: 248

Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.6	115.8#
157	0.0	49.5	148.3#





#95
Naphthalene
Concen: 0.645 ug/l
RT: 13.435 min Scan# 3855
Delta R.T. 0.012 min
Lab File: VV039183.D
Acq: 25 Sep 2025 15:55

Tgt Ion:128 Resp: 16991

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	16.4	8.6	13.0#