Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039184.D
Acq On : 25 Sep 2025 16:18
Operator : SY/MD
Sample : Q3168-06RE
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Quant Time: Sep 26 01:32:07 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	467969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	914235	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	773522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	342551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	402352	59.406	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 118.820%#			
35) Dibromofluoromethane	4.503	113	356559	48.513	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.020%			
50) Toluene-d8	7.239	98	784367	36.337	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 72.680%#			
62) 4-Bromofluorobenzene	10.001	95	319385	35.941	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 71.880%#			
Target Compounds						Qvalue
3) Chloromethane	1.233	50	2113	0.266	ug/l	99
6) Chloroethane	1.696	64	3804	Below Cal	#	56
10) Methyl Iodide	2.208	142	1452	0.208	ug/l #	85
11) Tert butyl alcohol	2.574	59	25325	17.692	ug/l #	88
13) Acrolein	2.015	56	644	2.593	ug/l #	15
16) Acetone	2.124	43	273937	59.060	ug/l	100
17) Carbon Disulfide	2.259	76	6649	0.308	ug/l #	94
18) Methyl Acetate	2.227	43	46286	4.612	ug/l #	52
20) Methylene Chloride	2.462	84	2347	Below Cal	#	75
25) 2-Butanone	3.896	43	62958	11.608	ug/l	98
31) Cyclohexane	4.600	56	10915	0.904	ug/l #	11
36) 1,1-Dichloropropene	4.600	75	37980	3.418	ug/l #	47
37) Ethyl Acetate	3.896	43	62958	4.669	ug/l #	71
38) Carbon Tetrachloride	4.603	117	49870	3.672	ug/l #	18
41) Methacrylonitrile	4.156	41	42	1.917	ug/l #	19
48) Methyl methacrylate	6.230	41	10761	1.291	ug/l #	38
51) 4-Methyl-2-Pentanone	7.175	43	17642	1.459	ug/l	99
52) Toluene	7.323	92	16301	0.777	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.831	63	24	9.626	ug/l #	47
59) 2-Hexanone	8.082	43	55815	7.989	ug/l	100
67) Ethyl Benzene	8.950	91	12155	0.373	ug/l	91
68) m/p-Xylenes	9.072	106	12445	0.989	ug/l	92
69) o-Xylene	9.474	106	6316	0.567	ug/l	97
70) Styrene	9.481	104	641	1.588	ug/l #	1
74) N-amyl acetate	9.738	43	27914	2.817	ug/l #	1
76) 1,2,3-Trichloropropane	10.001	75	157276	20.165	ug/l #	56
81) trans-1,4-Dichloro-2-b...	10.001	75	157276	48.411	ug/l #	13
84) 1,2,4-Trimethylbenzene	10.847	105	13340	0.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.361	75	236	Below Cal	#	14
95) Naphthalene	13.432	128	63246	2.801	ug/l	99

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

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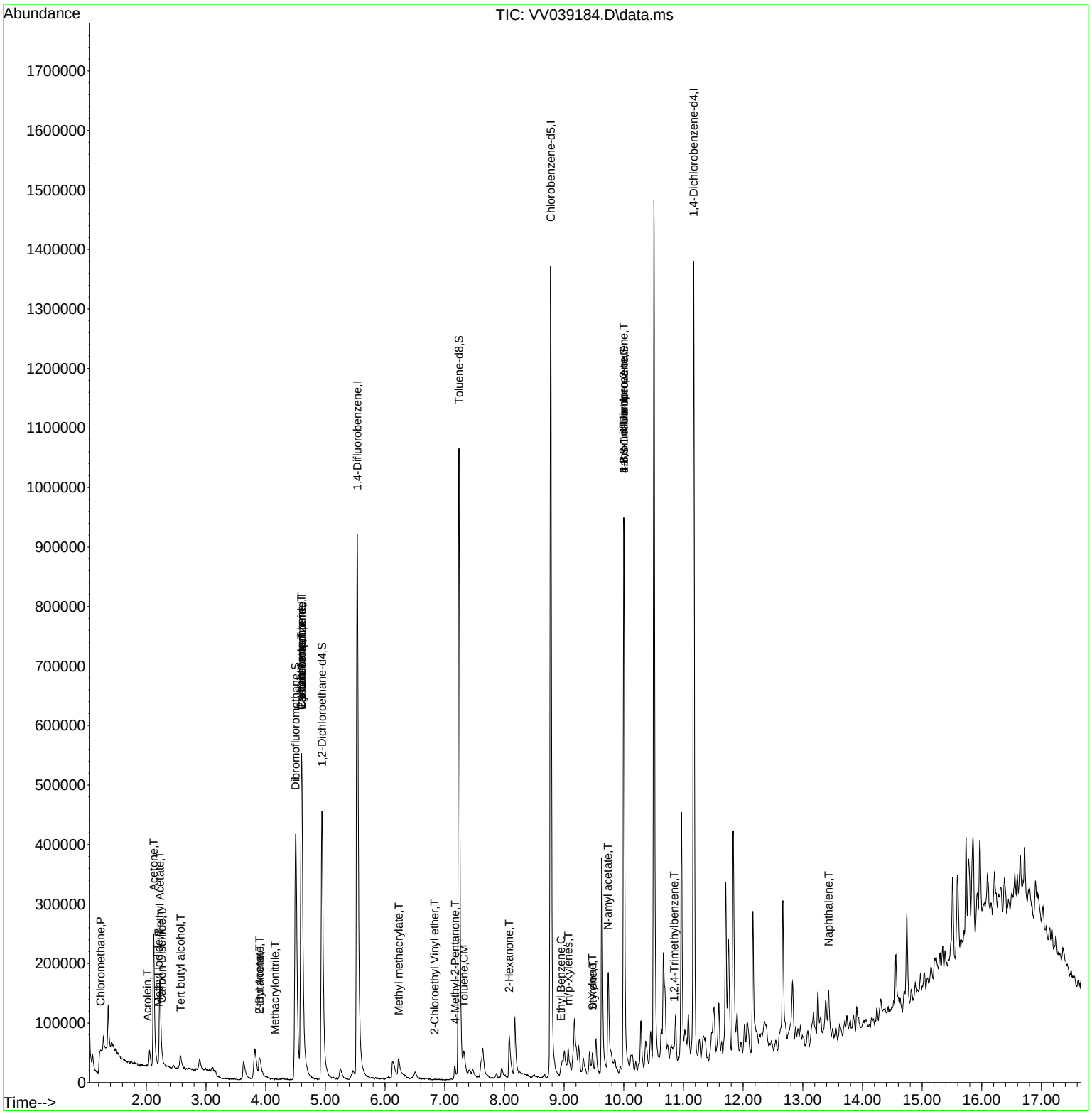
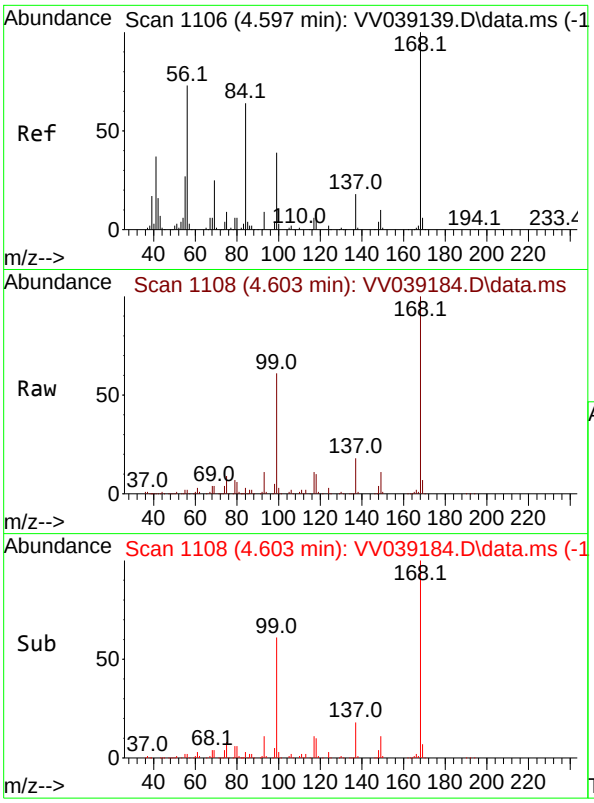


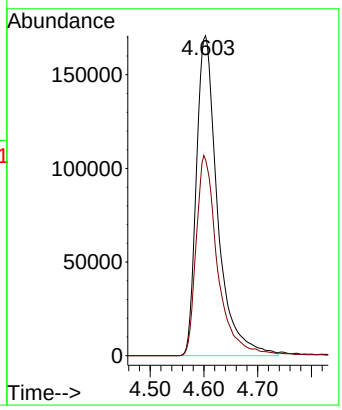


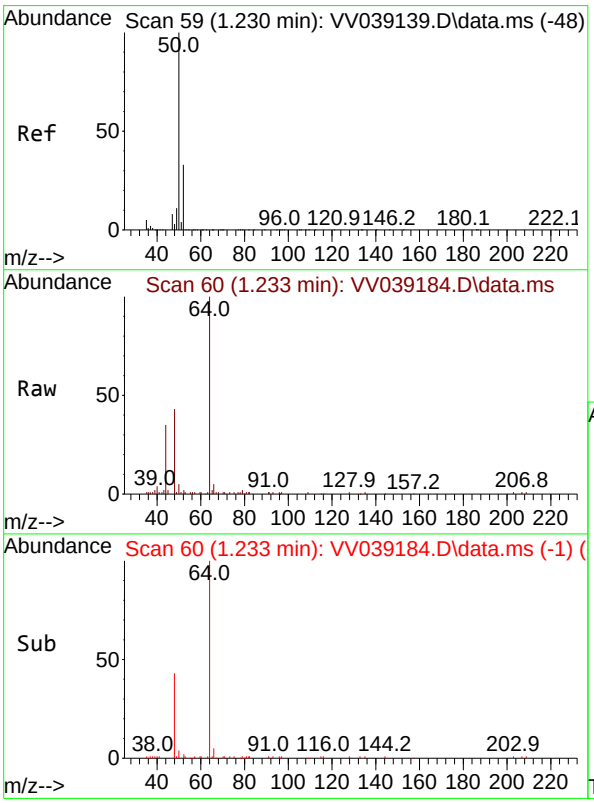
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion:168 Resp: 467969

Ion	Ratio	Lower	Upper
168	100		
99	61.2	49.6	74.4

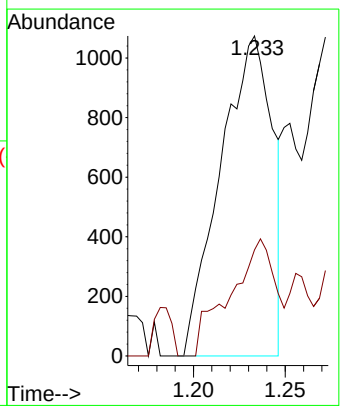


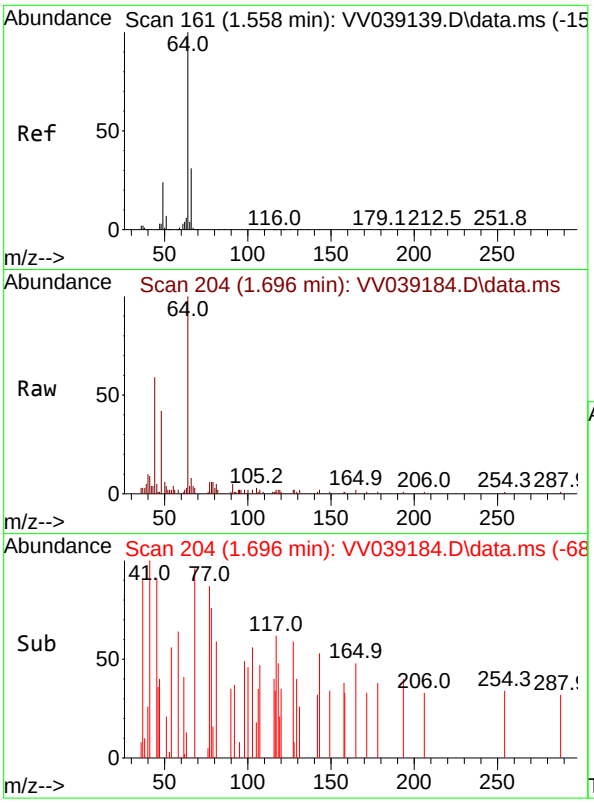


#3
Chloromethane
Concen: 0.266 ug/l
RT: 1.233 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 50 Resp: 2113

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.0	39.0



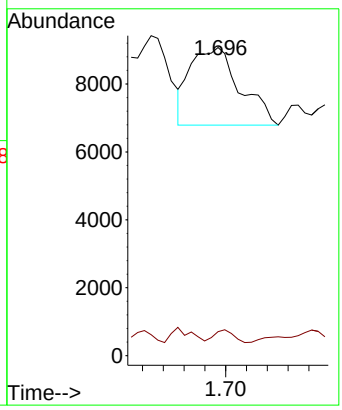


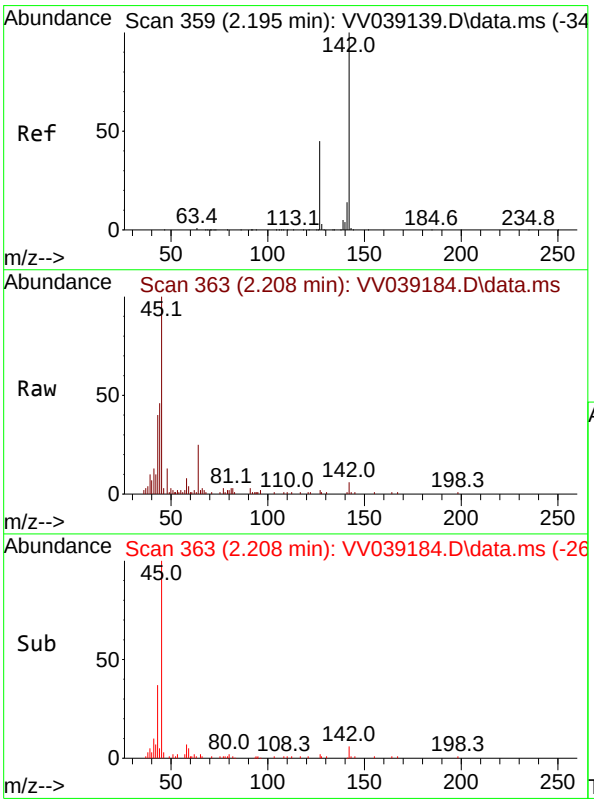
#6
Chloroethane
Concen: Below Cal
RT: 1.696 min Scan# 2
Delta R.T. 0.138 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 64 Resp: 3804

Ion	Ratio	Lower	Upper
64	100		
66	6.4	24.6	36.8#

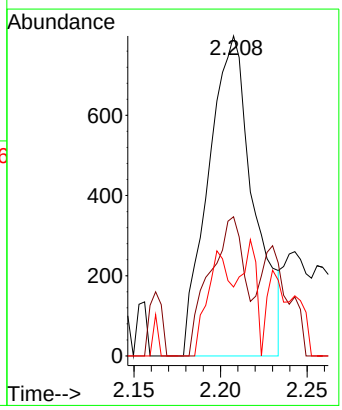


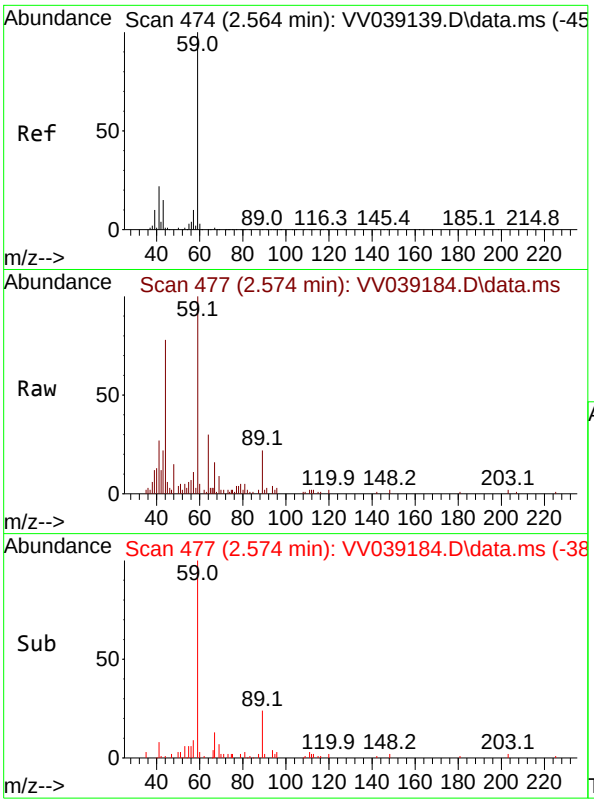


#10
Methyl Iodide
Concen: 0.208 ug/l
RT: 2.208 min Scan# 363
Delta R.T. 0.013 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion:142 Resp: 1452

Ion	Ratio	Lower	Upper
142	100		
127	33.0	36.3	54.5#
141	12.3	11.2	16.8



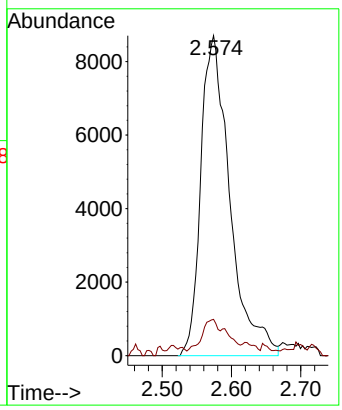


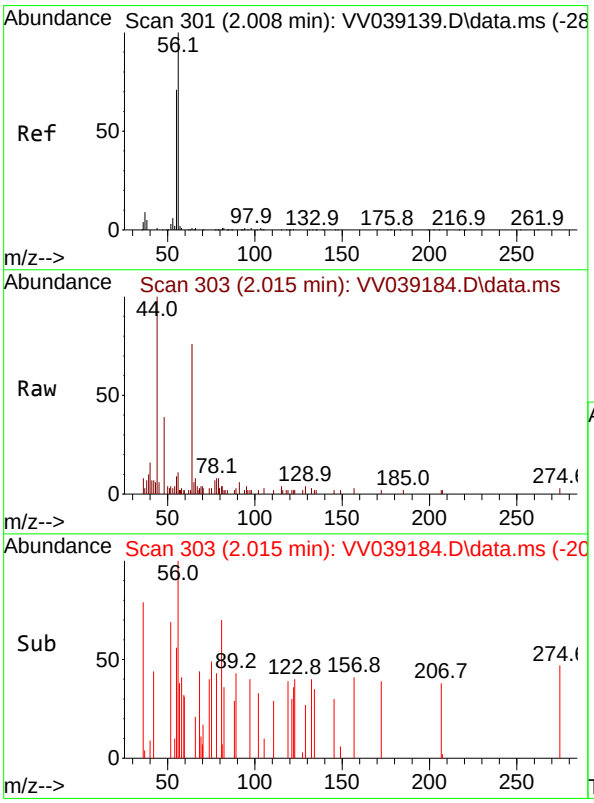
#11
Tert butyl alcohol
Concen: 17.692 ug/l
RT: 2.574 min Scan# 4
Delta R.T. 0.010 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 59 Resp: 25325

Ion	Ratio	Lower	Upper
59	100		
57	5.5	7.8	11.8#

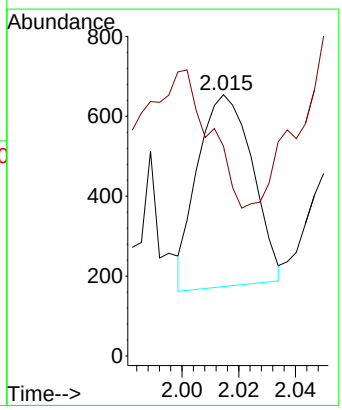


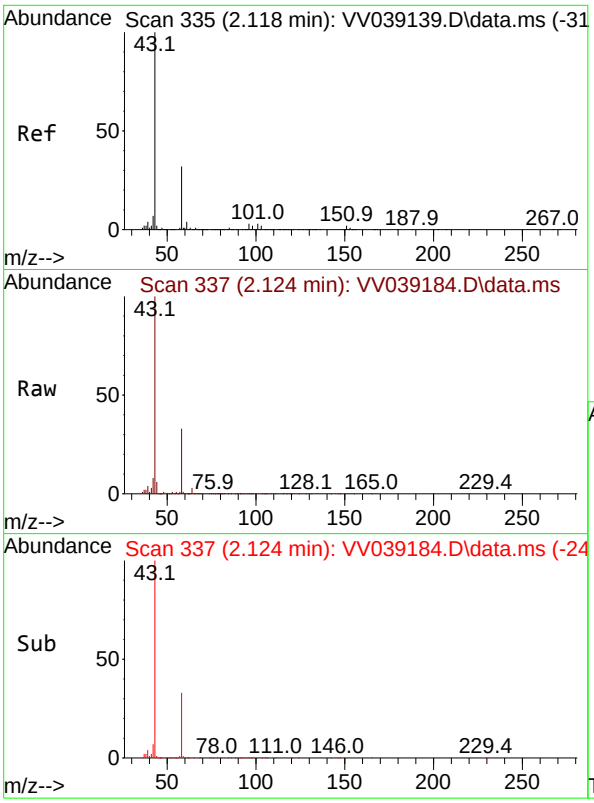


#13
Acrolein
Concen: 2.593 ug/l
RT: 2.015 min Scan# 303
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 56 Resp: 644

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



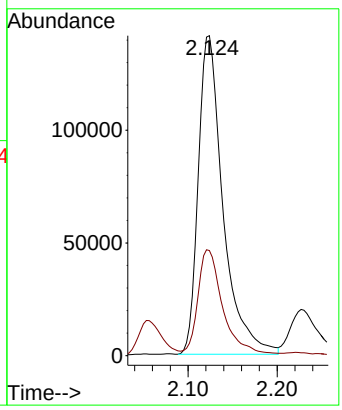


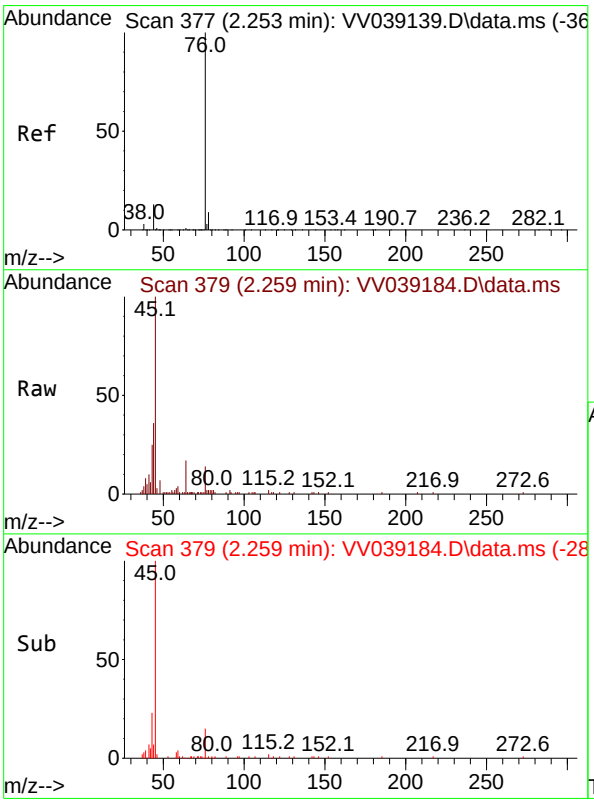
#16
Acetone
Concen: 59.060 ug/l
RT: 2.124 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 43 Resp: 273937

Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6

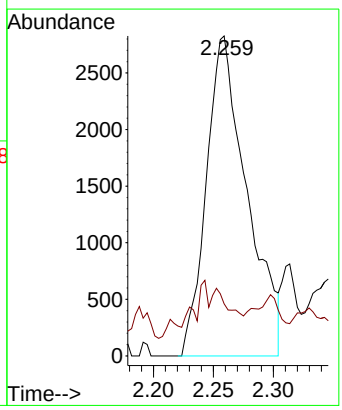


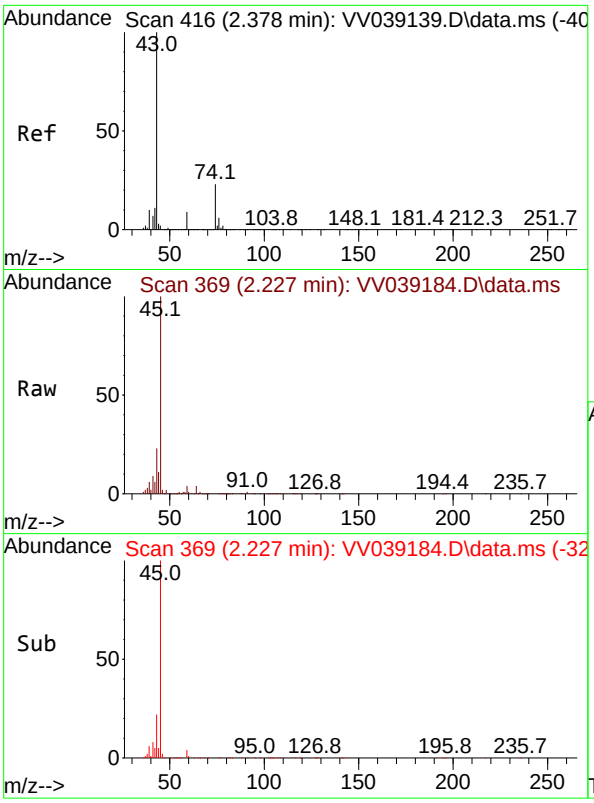


#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 2.259 min Scan# 379
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 76 Resp: 6649

Ion	Ratio	Lower	Upper
76	100		
78	6.9	7.4	11.0#



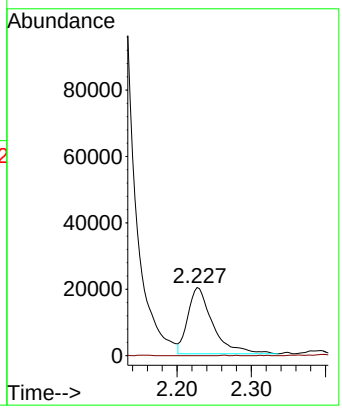


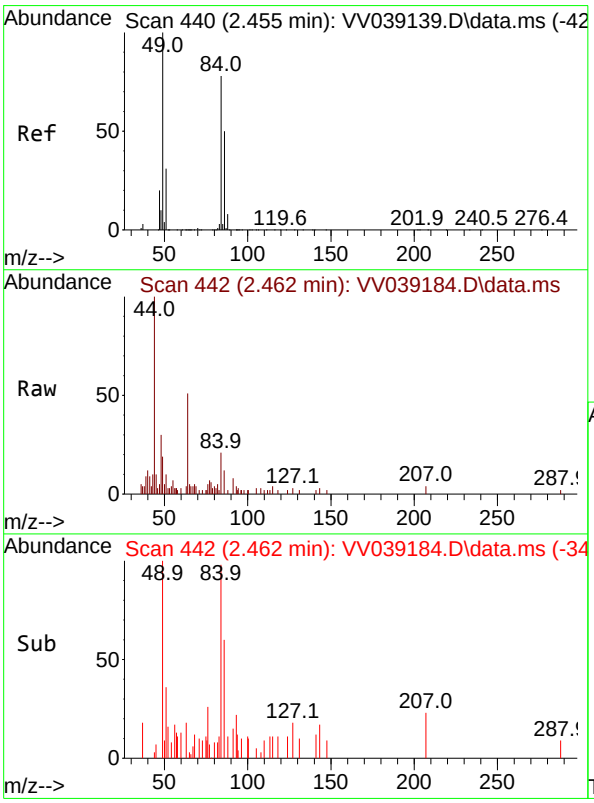
#18
Methyl Acetate
Concen: 4.612 ug/l
RT: 2.227 min Scan# 3
Delta R.T. -0.151 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 43 Resp: 46286

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#

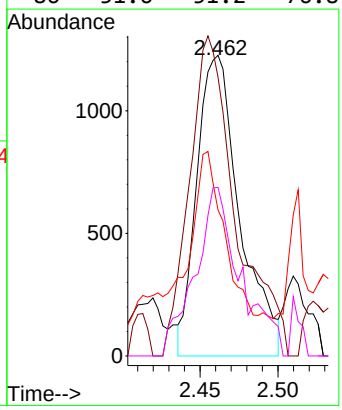


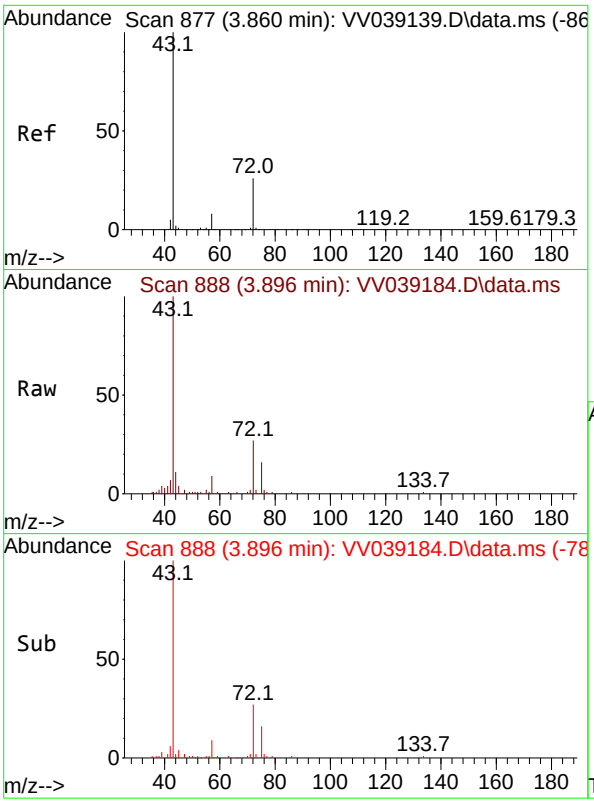


#20
Methylene Chloride
Concen: Below Cal
RT: 2.462 min Scan# 442
Delta R.T. 0.007 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 84 Resp: 2347

Ion	Ratio	Lower	Upper
84	100		
49	85.5	102.8	154.2#
51	38.4	31.9	47.9
86	51.6	51.2	76.8



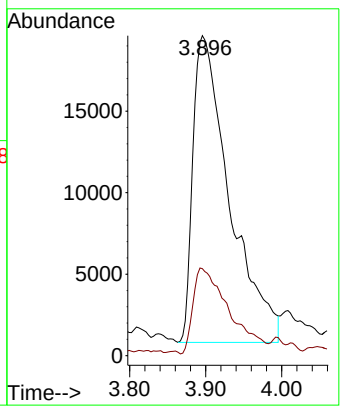


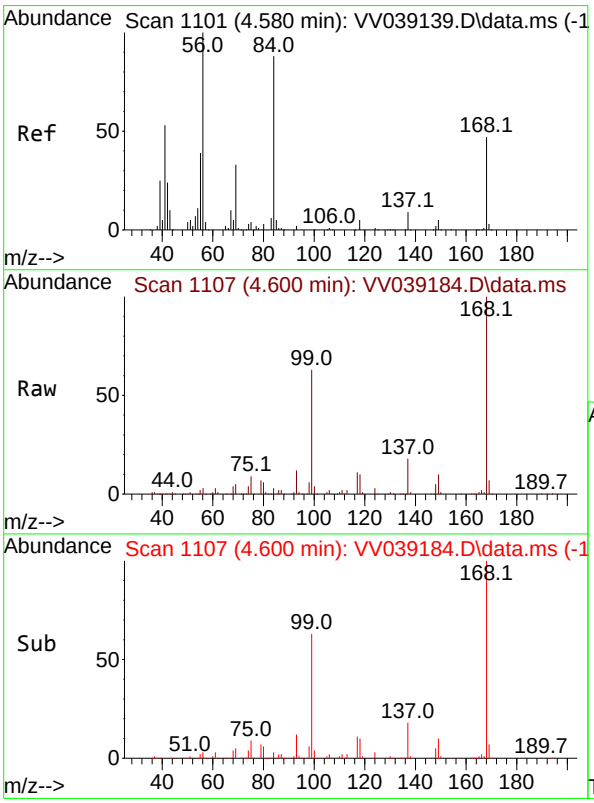
#25
2-Butanone
Concen: 11.608 ug/l
RT: 3.896 min Scan# 8
Delta R.T. 0.035 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 43 Resp: 62958

Ion	Ratio	Lower	Upper
43	100		
72	27.3	21.0	31.6

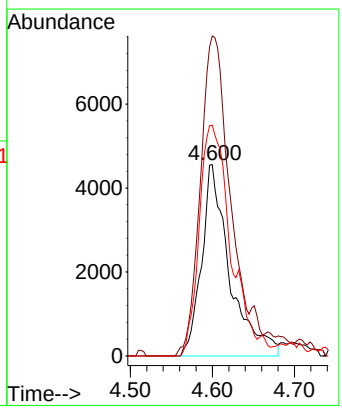


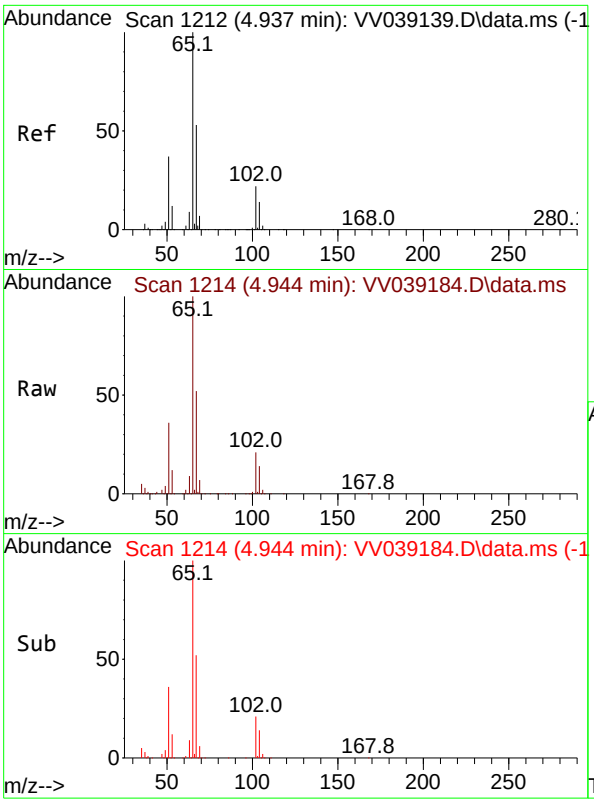


#31
Cyclohexane
Concen: 0.904 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. 0.019 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 56 Resp: 10915

Ion	Ratio	Lower	Upper
56	100		
69	165.0	26.2	39.2#
84	120.6	70.3	105.5#



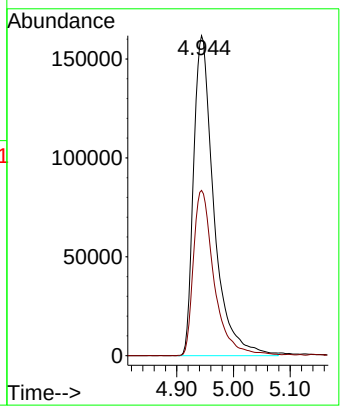


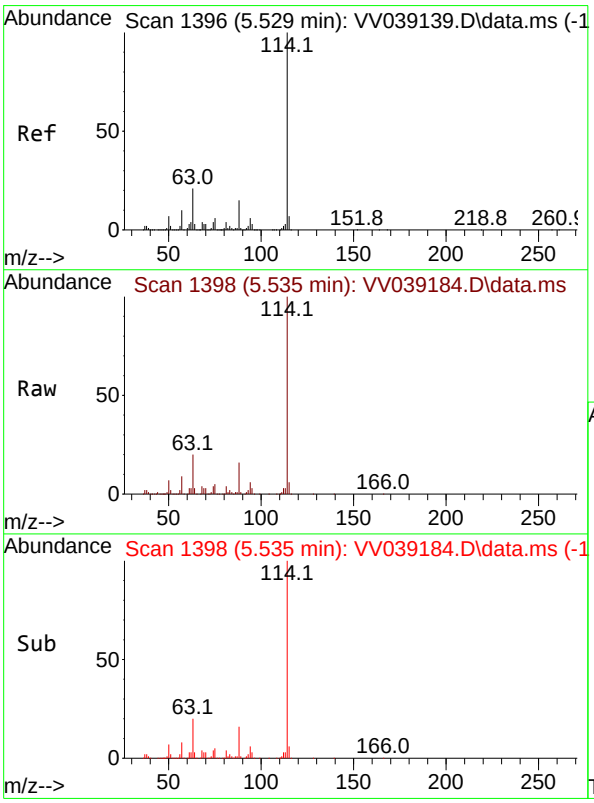
#33
1,2-Dichloroethane-d4
Concen: 59.406 ug/l
RT: 4.944 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 65 Resp: 402352

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0

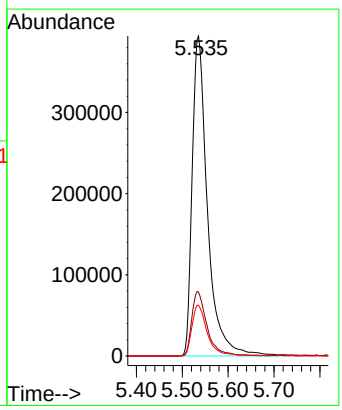


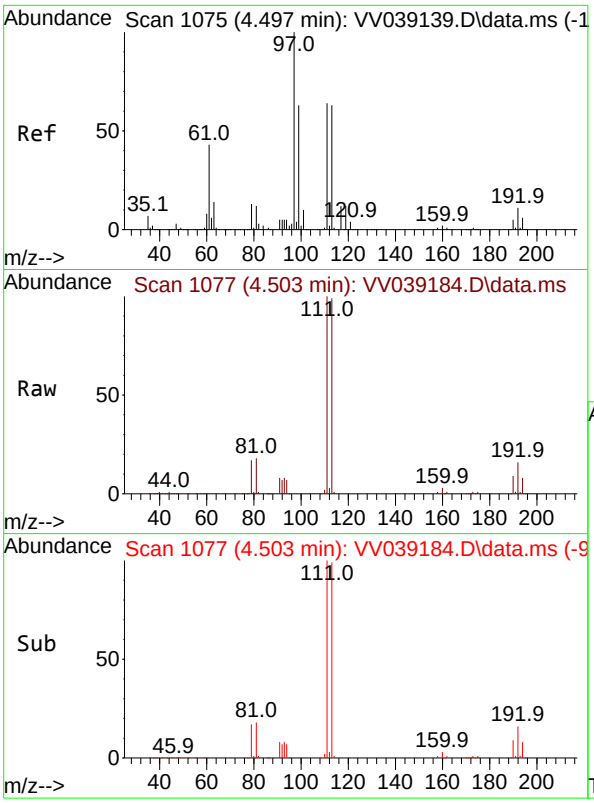


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion:114 Resp: 914235

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	15.8	0.0	30.8



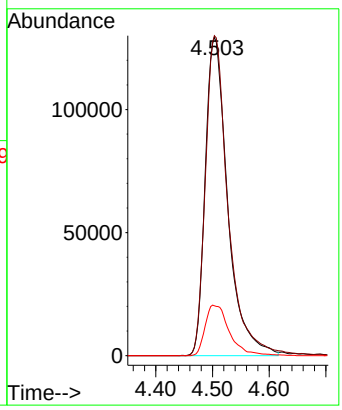


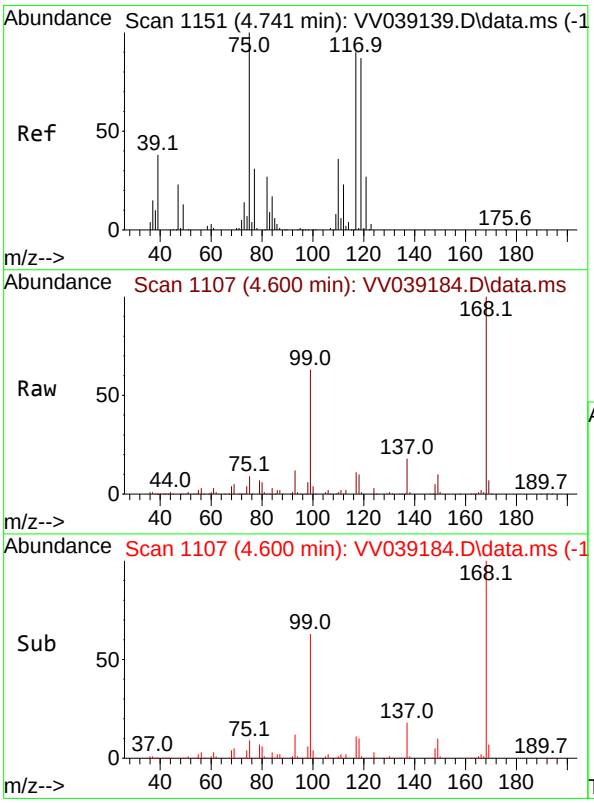
#35
Dibromofluoromethane
Concen: 48.513 ug/l
RT: 4.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion:113 Resp: 356559

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	17.2	13.8	20.8

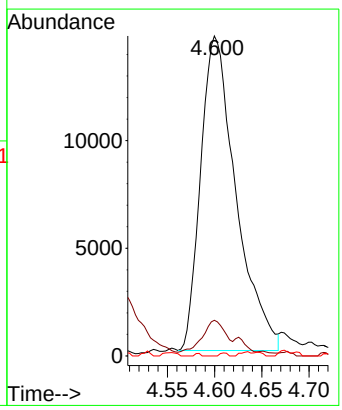


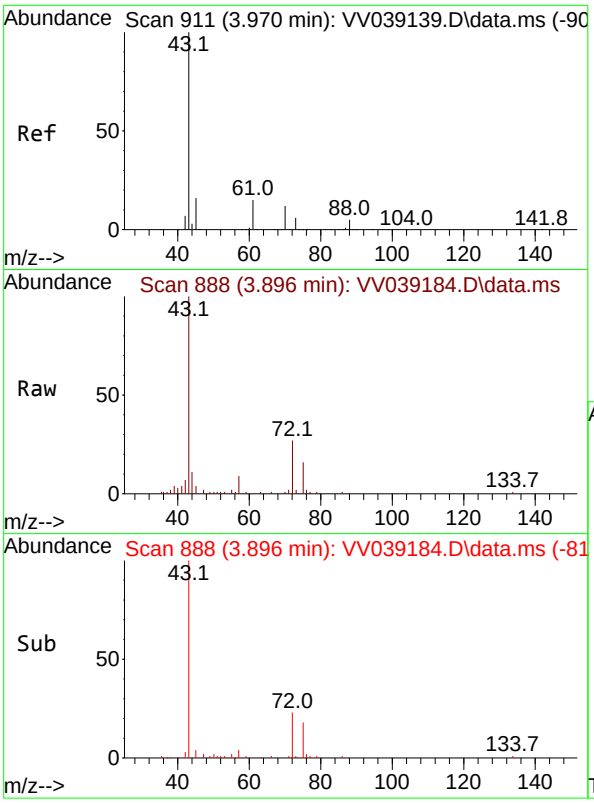


#36
1,1-Dichloropropene
Concen: 3.418 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 75 Resp: 37980

Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.1	54.1#
77	0.2	24.8	37.2#



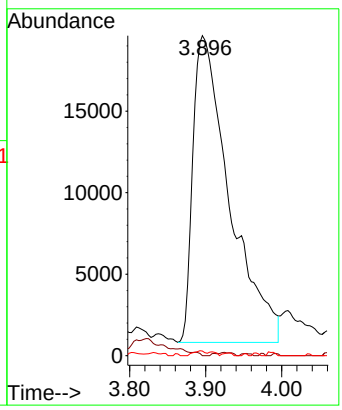


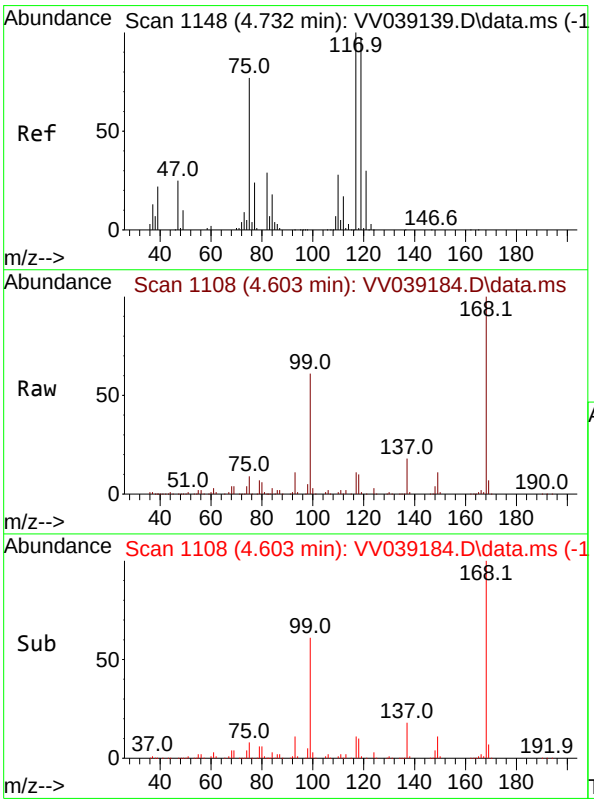
#37
Ethyl Acetate
Concen: 4.669 ug/l
RT: 3.896 min Scan# 8
Delta R.T. -0.074 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 43 Resp: 62958

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.5	8.0	12.0#

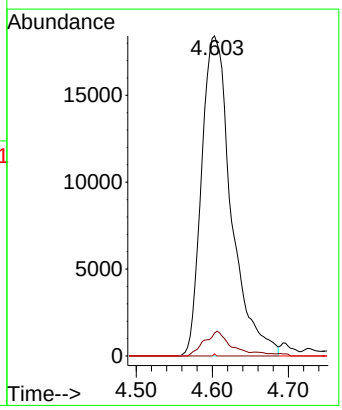


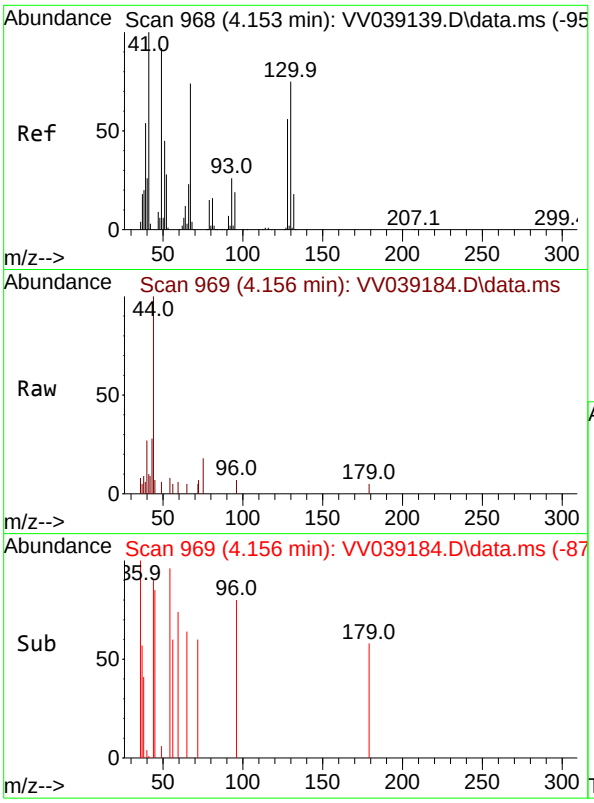


#38
Carbon Tetrachloride
Concen: 3.672 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. -0.129 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion:117 Resp: 49870

Ion	Ratio	Lower	Upper
117	100		
119	7.2	77.2	115.8#
121	0.7	24.2	36.2#



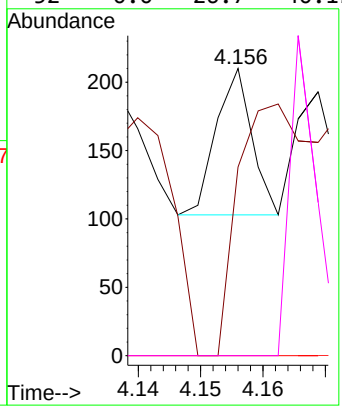


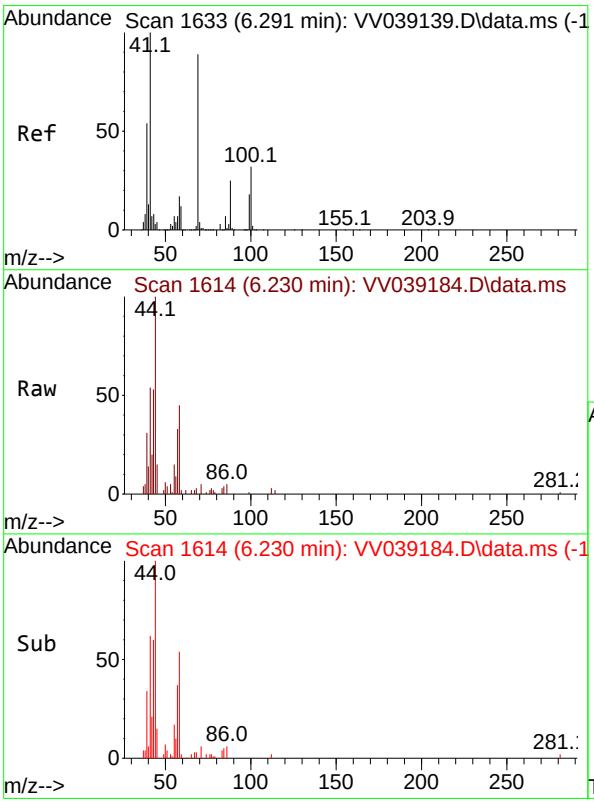
#41
Methacrylonitrile
Concen: 1.917 ug/l
RT: 4.156 min Scan# 9
Delta R.T. 0.003 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 41 Resp: 42

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#

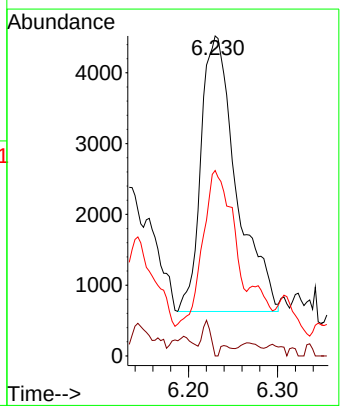


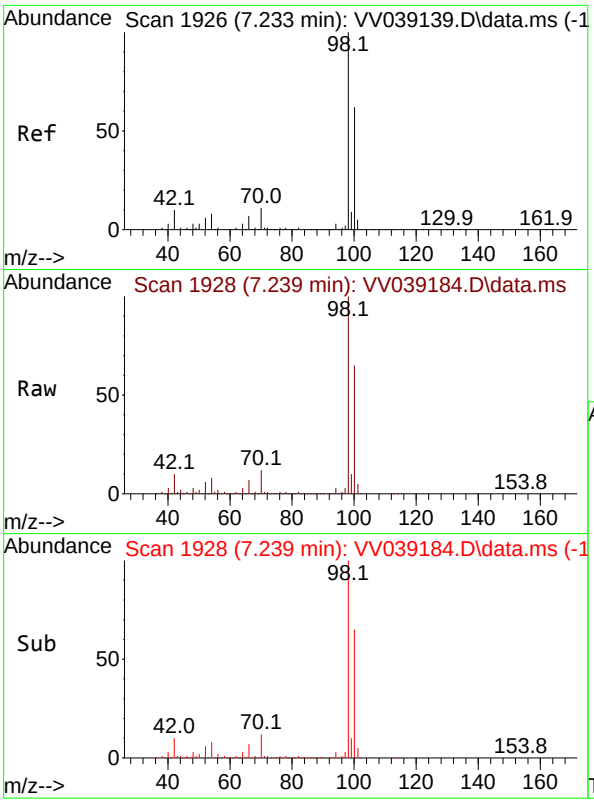


#48
Methyl methacrylate
Concen: 1.291 ug/l
RT: 6.230 min Scan# 1614
Delta R.T. -0.061 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 41 Resp: 10761

Ion	Ratio	Lower	Upper
41	100		
69	1.3	72.4	108.6#
39	47.4	42.5	63.7



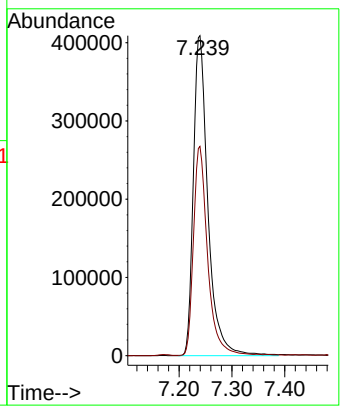


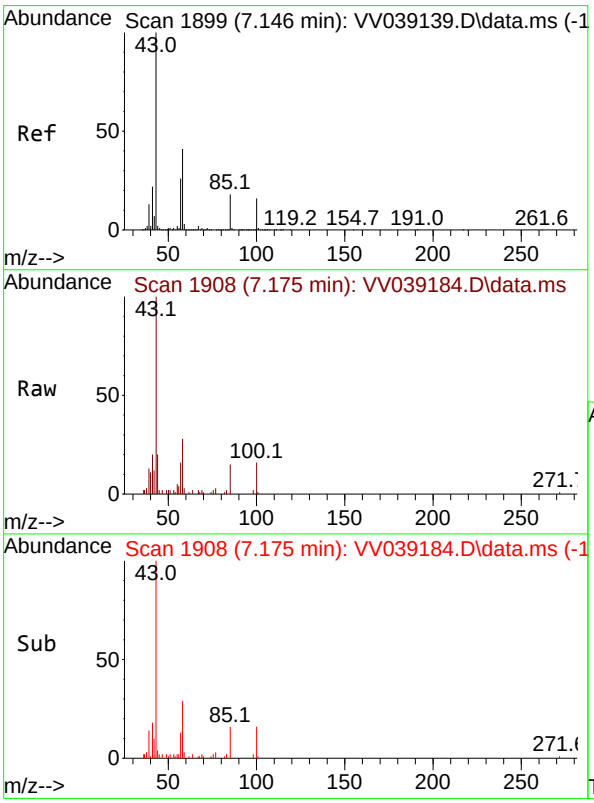
#50
Toluene-d8
Concen: 36.337 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 98 Resp: 784367

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.2	78.2

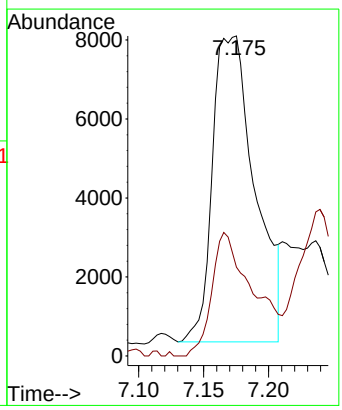


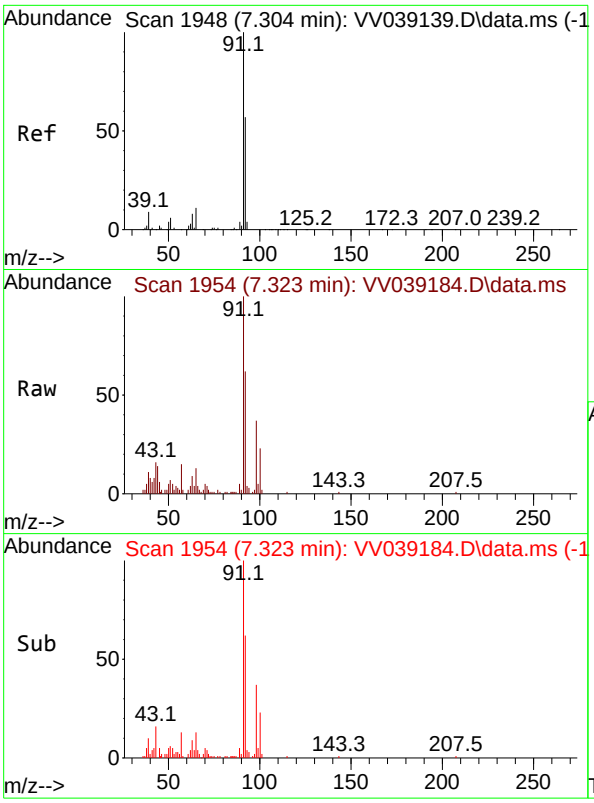


#51
4-Methyl-2-Pentanone
Concen: 1.459 ug/l
RT: 7.175 min Scan# 1908
Delta R.T. 0.029 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 43 Resp: 17642

Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.3	48.5



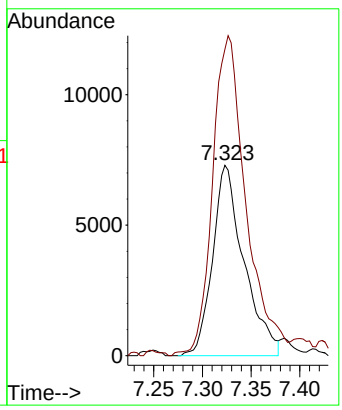


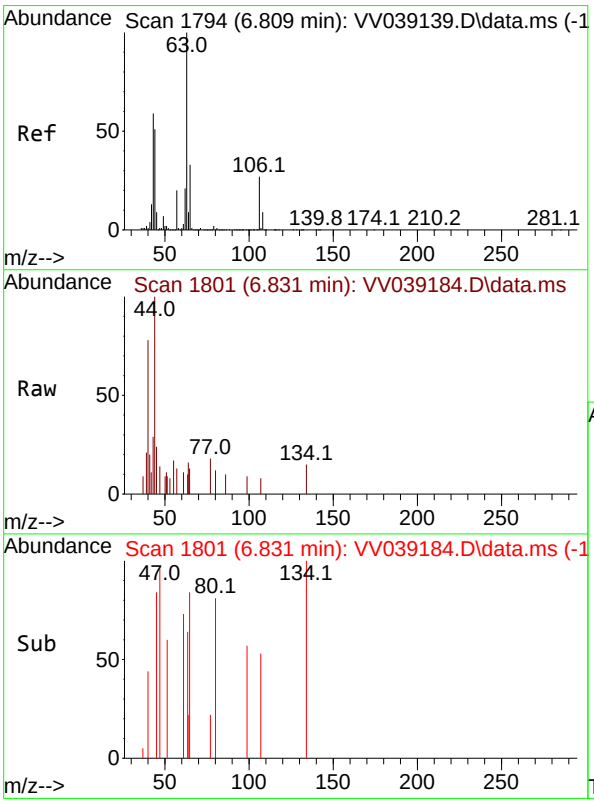
#52
Toluene
Concen: 0.777 ug/l
RT: 7.323 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 92 Resp: 16301

Ion	Ratio	Lower	Upper
92	100		
91	179.4	139.2	208.8

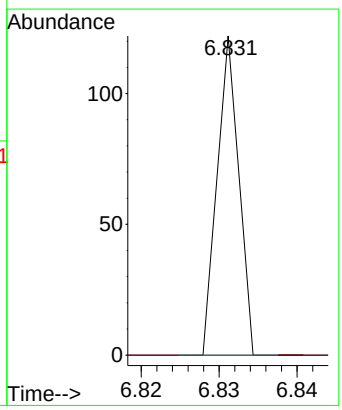


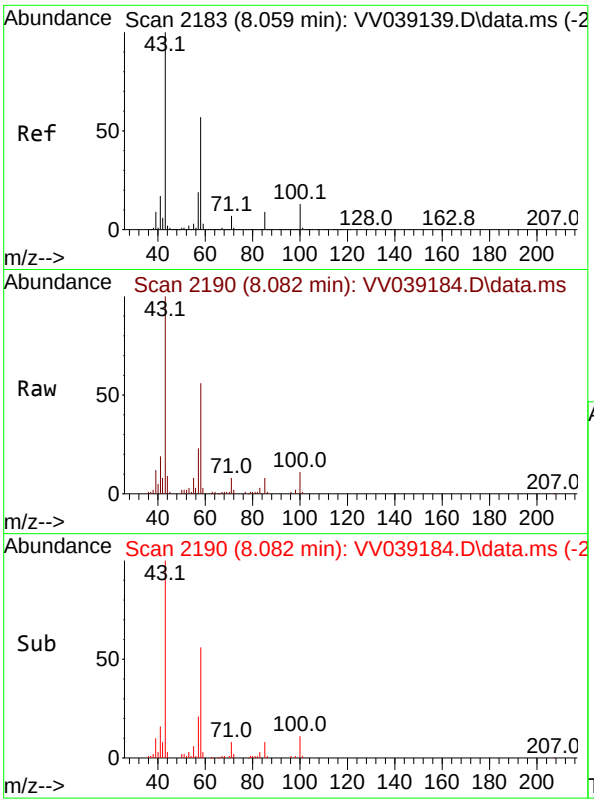


#58
2-Chloroethyl Vinyl ether
Concen: 9.626 ug/l
RT: 6.831 min Scan# 1801
Delta R.T. 0.022 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 63 Resp: 24

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.1	33.1#



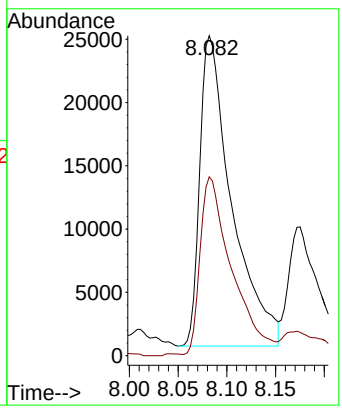


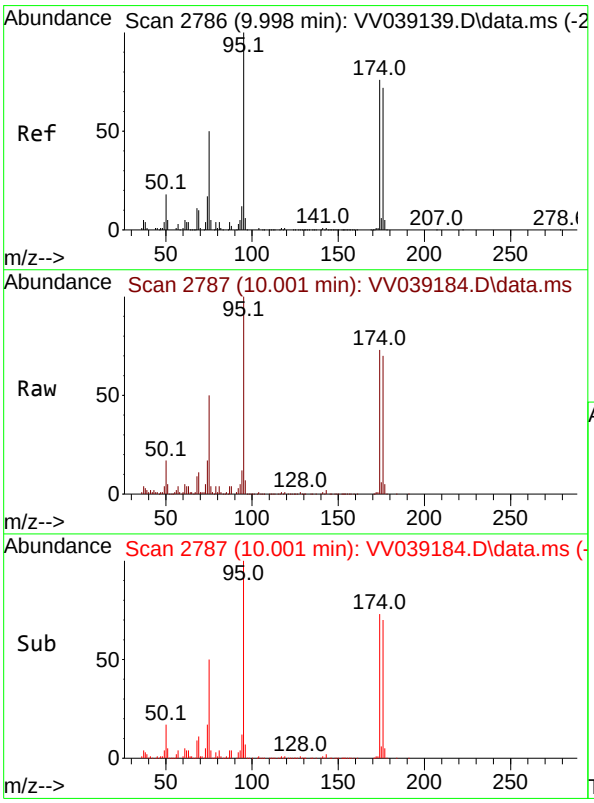
#59
2-Hexanone
Concen: 7.989 ug/l
RT: 8.082 min Scan# 2
Delta R.T. 0.023 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 43 Resp: 55815

Ion	Ratio	Lower	Upper
43	100		
58	56.8	28.3	85.0

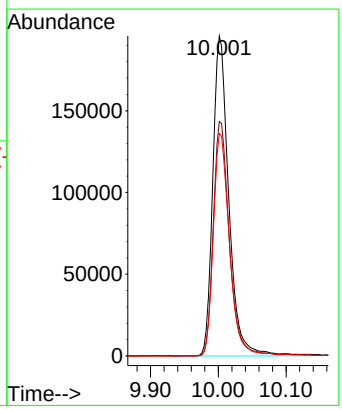


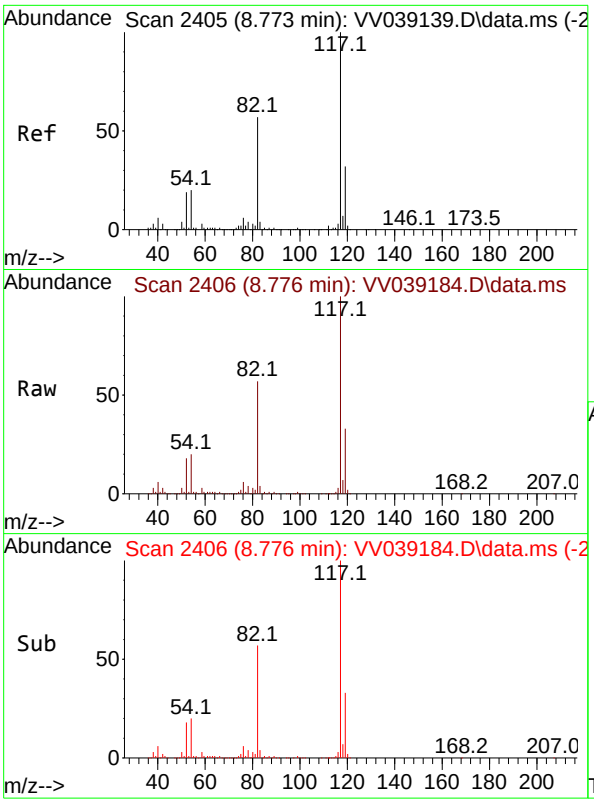


#62
4-Bromofluorobenzene
Concen: 35.941 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 95 Resp: 319385

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	150.4
176	70.3	0.0	144.2



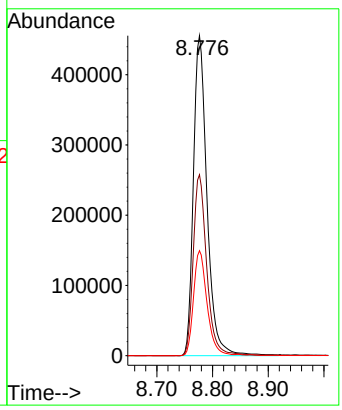


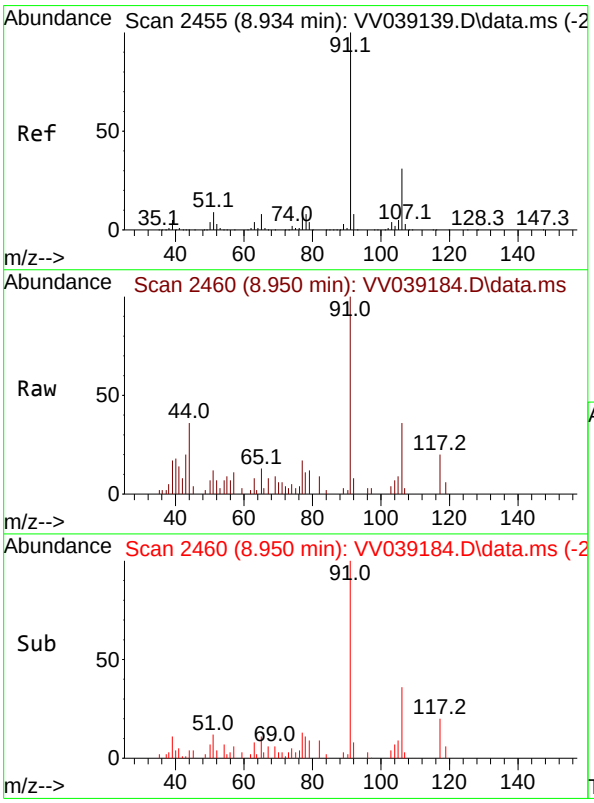
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion:117 Resp: 773522

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.2
119	32.8	25.6	38.4

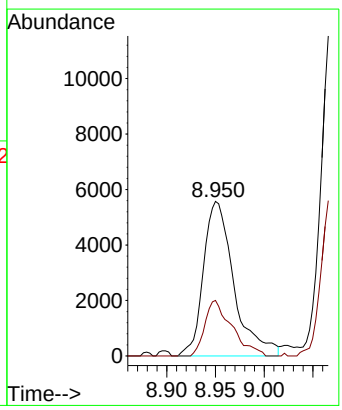


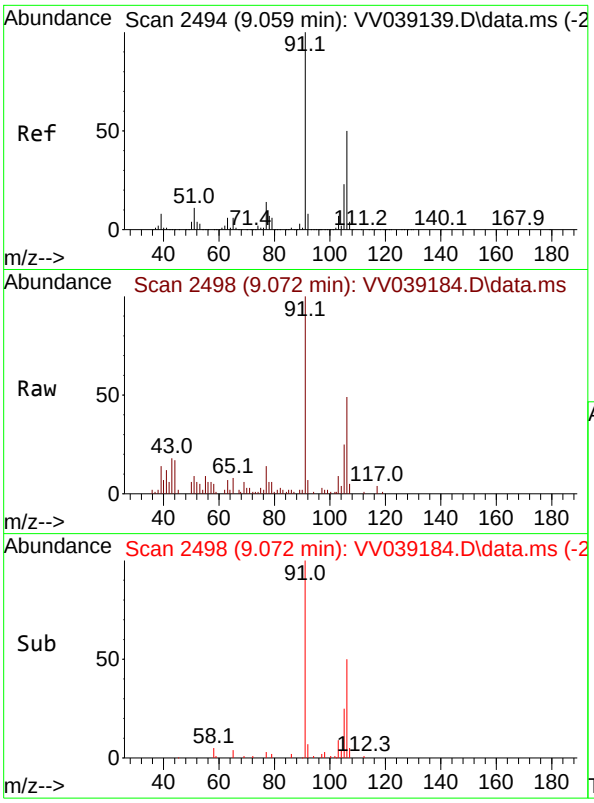


#67
Ethyl Benzene
Concen: 0.373 ug/l
RT: 8.950 min Scan# 2460
Delta R.T. 0.016 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 91 Resp: 12155

Ion	Ratio	Lower	Upper
91	100		
106	35.9	24.6	37.0



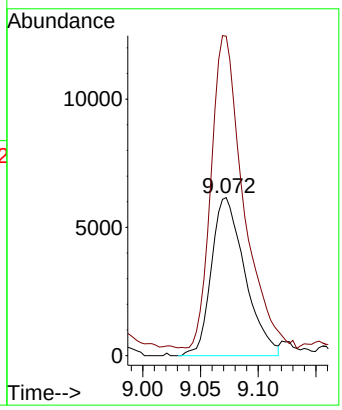


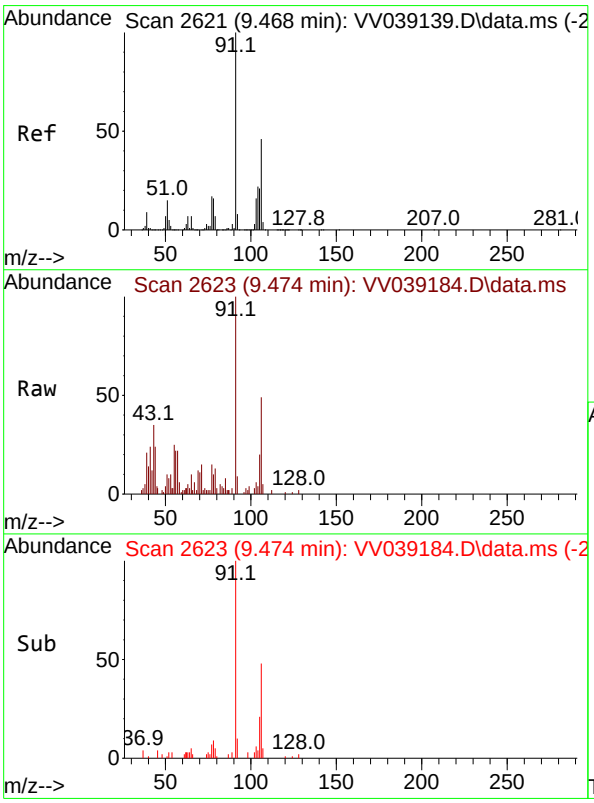
#68
m/p-Xylenes
Concen: 0.989 ug/l
RT: 9.072 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion:106 Resp: 12445

Ion	Ratio	Lower	Upper
106	100		
91	190.2	162.5	243.7

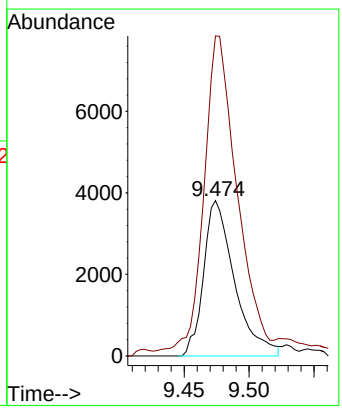


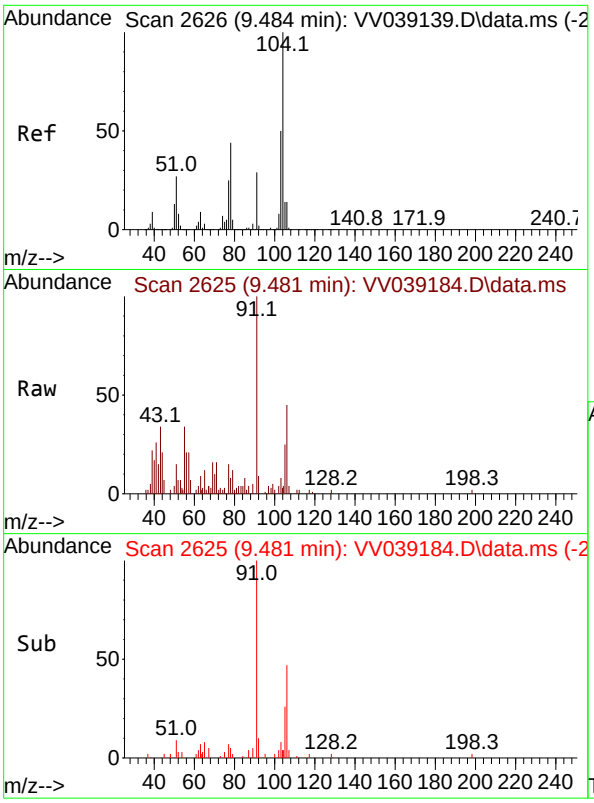


#69
o-Xylene
Concen: 0.567 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion:106 Resp: 6316

Ion	Ratio	Lower	Upper
106	100		
91	213.5	109.1	327.3



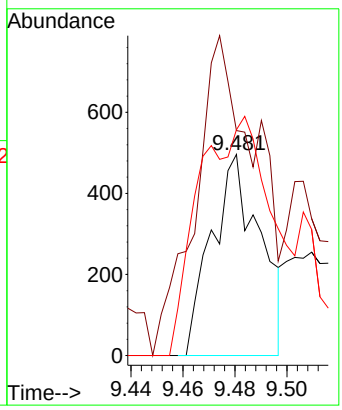


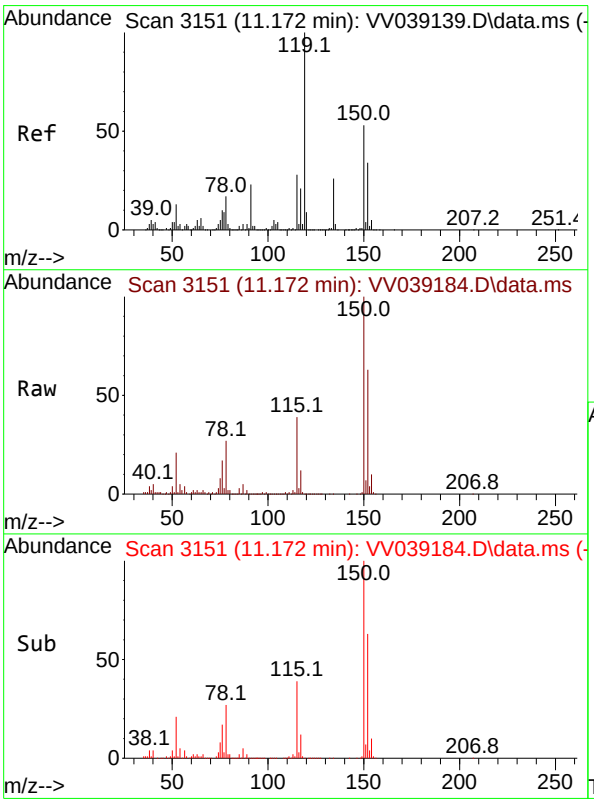
#70
Styrene
Concen: 1.588 ug/l
RT: 9.481 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion:104 Resp: 641

Ion	Ratio	Lower	Upper
104	100		
78	200.2	39.8	59.6#
103	68.2	43.4	65.2#

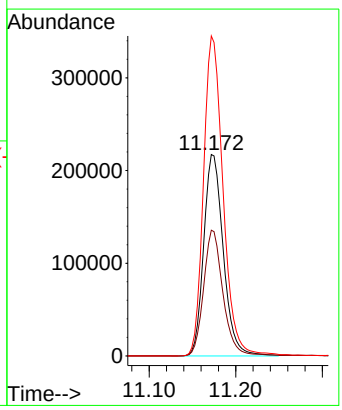


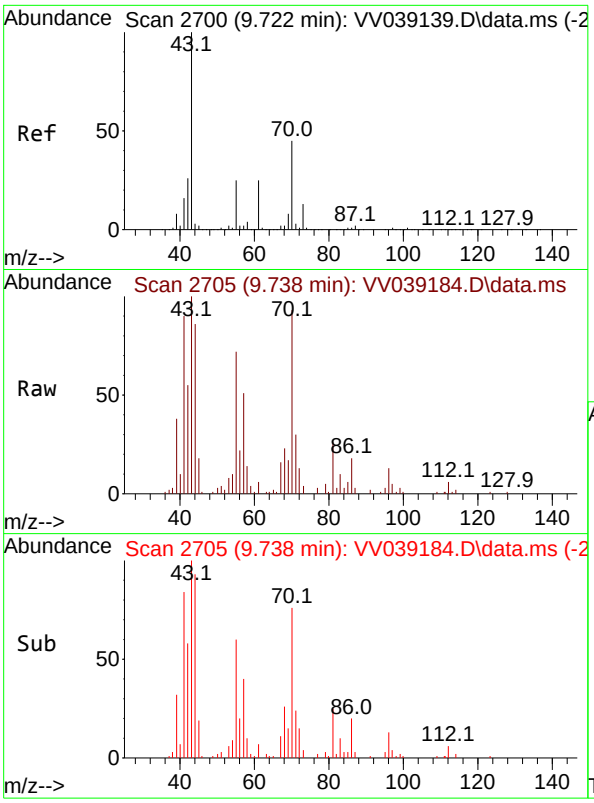


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion:152 Resp: 342551

Ion	Ratio	Lower	Upper
152	100		
115	61.6	44.8	134.4
150	158.8	0.0	353.8



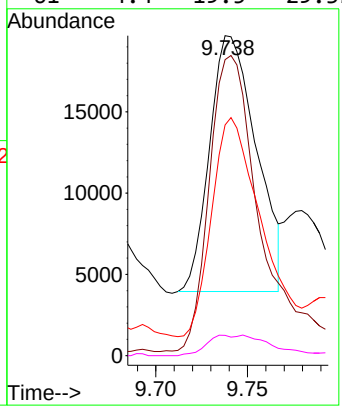


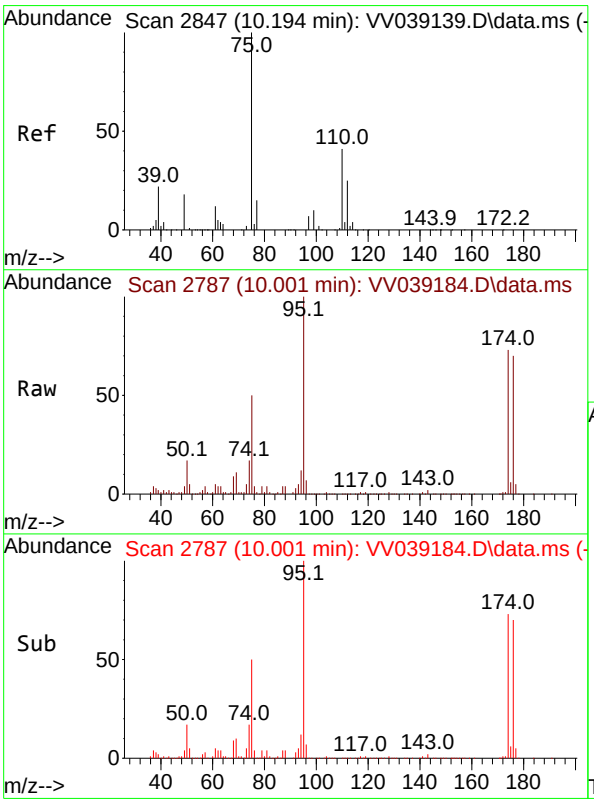
#74
N-amyl acetate
Concen: 2.817 ug/l
RT: 9.738 min Scan# 2
Delta R.T. 0.016 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 43 Resp: 27914

Ion	Ratio	Lower	Upper
43	100		
70	130.1	35.4	53.0#
55	90.4	20.6	30.8#
61	4.4	19.5	29.3#

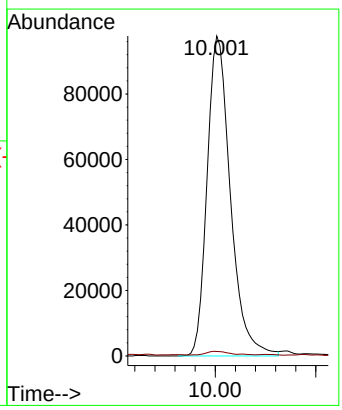


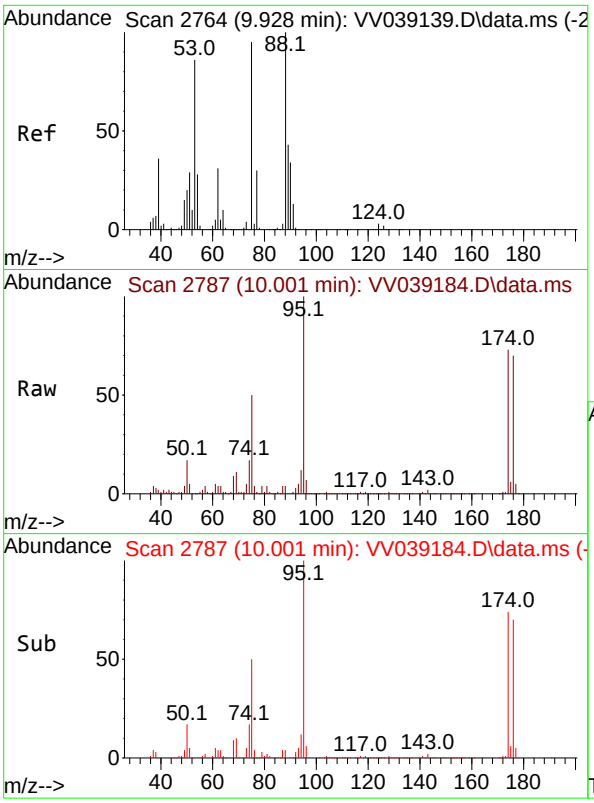


#76
1,2,3-Trichloropropane
Concen: 20.165 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion: 75 Resp: 157276

Ion	Ratio	Lower	Upper
75	100		
77	1.1	11.3	33.8#



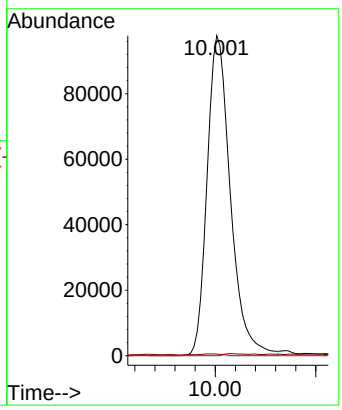


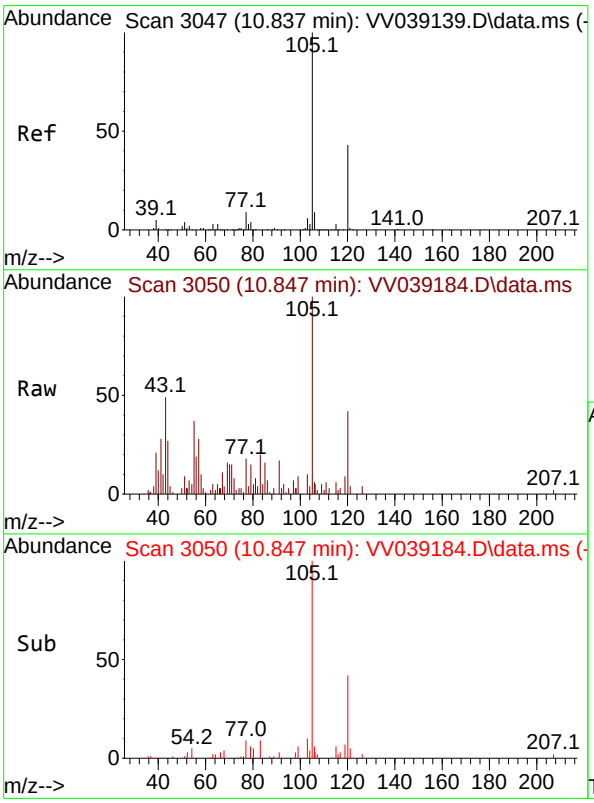
#81
trans-1,4-Dichloro-2-butene
Concen: 48.411 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.074 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 75 Resp: 157276

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.5	108.7#
89	0.1	37.2	55.8#

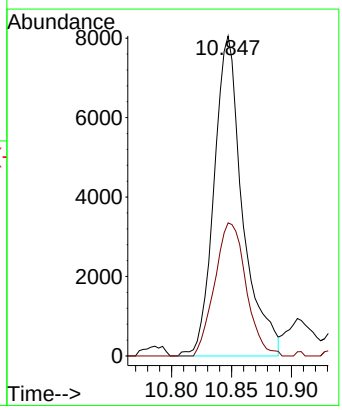


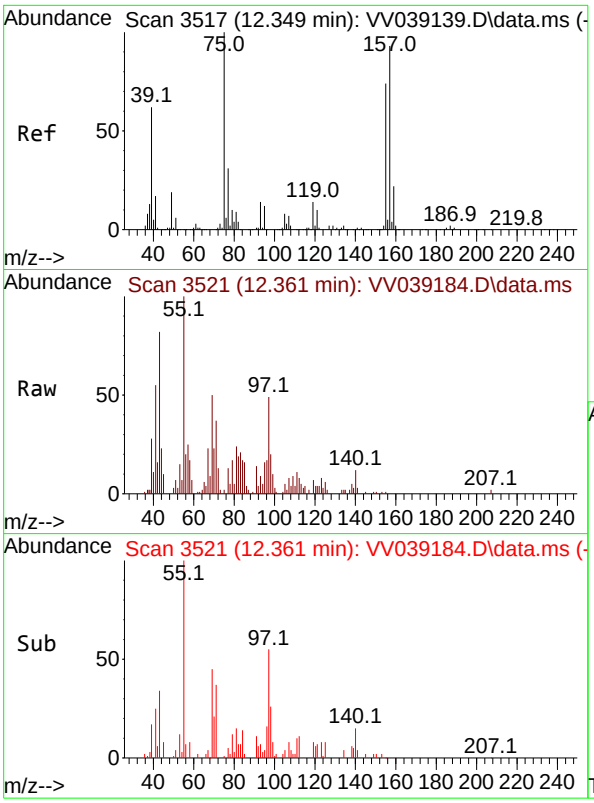


#84
1,2,4-Trimethylbenzene
Concen: 0.665 ug/l
RT: 10.847 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Tgt Ion:105 Resp: 13340

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.4	67.2



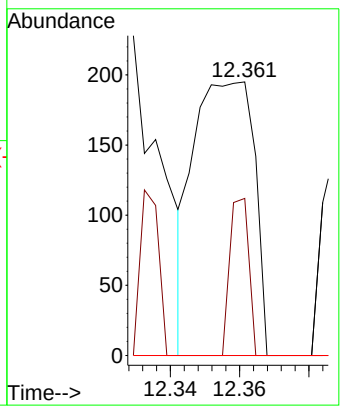


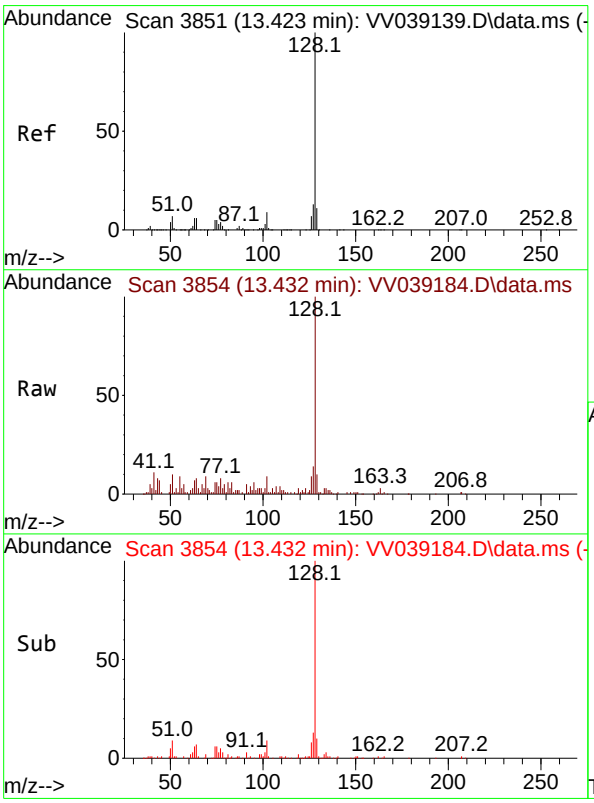
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.361 min Scan# 3
Delta R.T. 0.012 min
Lab File: VV039184.D
Acq: 25 Sep 2025 16:18

Instrument :
MSVOA_V
ClientSampleId :
TOTES COMP#2RE

Tgt Ion: 75 Resp: 236

Ion	Ratio	Lower	Upper
75	100		
155	18.2	38.6	115.8#
157	0.0	49.5	148.3#





#95
Naphthalene
Concen: 2.801 ug/l
RT: 13.432 min Scan# 3854
Delta R.T. 0.009 min
Lab File: VV039184.D
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Tgt Ion:128 Resp: 63246

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.0	8.6	13.0