Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039303.D
Acq On : 21 Oct 2025 15:32
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Oct 24 04:49:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.593	168	689917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1212535	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1108899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	491534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	512574	52.286	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.580%			
35) Dibromofluoromethane	4.497	113	451388	47.246	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 94.500%			
50) Toluene-d8	7.233	98	1433109	44.093	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.180%#			
62) 4-Bromofluorobenzene	9.998	95	448257	38.726	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 77.460%#			
Target Compounds						Qvalue
6) Chloroethane	1.571	64	325	Below Cal	#	17
11) Tert butyl alcohol	2.568	59	443	0.233	ug/l #	68
13) Acrolein	1.995	56	196	Below Cal		85
16) Acetone	2.127	43	1054	Below Cal		96
20) Methylene Chloride	2.455	84	1976	Below Cal	#	88
31) Cyclohexane	4.593	56	13400	1.037	ug/l #	1
36) 1,1-Dichloropropene	4.593	75	55558	4.630	ug/l #	49
38) Carbon Tetrachloride	4.593	117	71172	4.868	ug/l #	17
41) Methacrylonitrile	4.156	41	22	1.695	ug/l #	17
49) 1,4-Dioxane	6.259	88	42	0.296	ug/l #	1
51) 4-Methyl-2-Pentanone	7.233	43	4968	0.389	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.793	63	42	8.473	ug/l #	45
76) 1,2,3-Trichloropropane	9.998	75	220532	22.479	ug/l #	54
81) trans-1,4-Dichloro-2-b...	9.998	75	220532	56.771	ug/l #	14

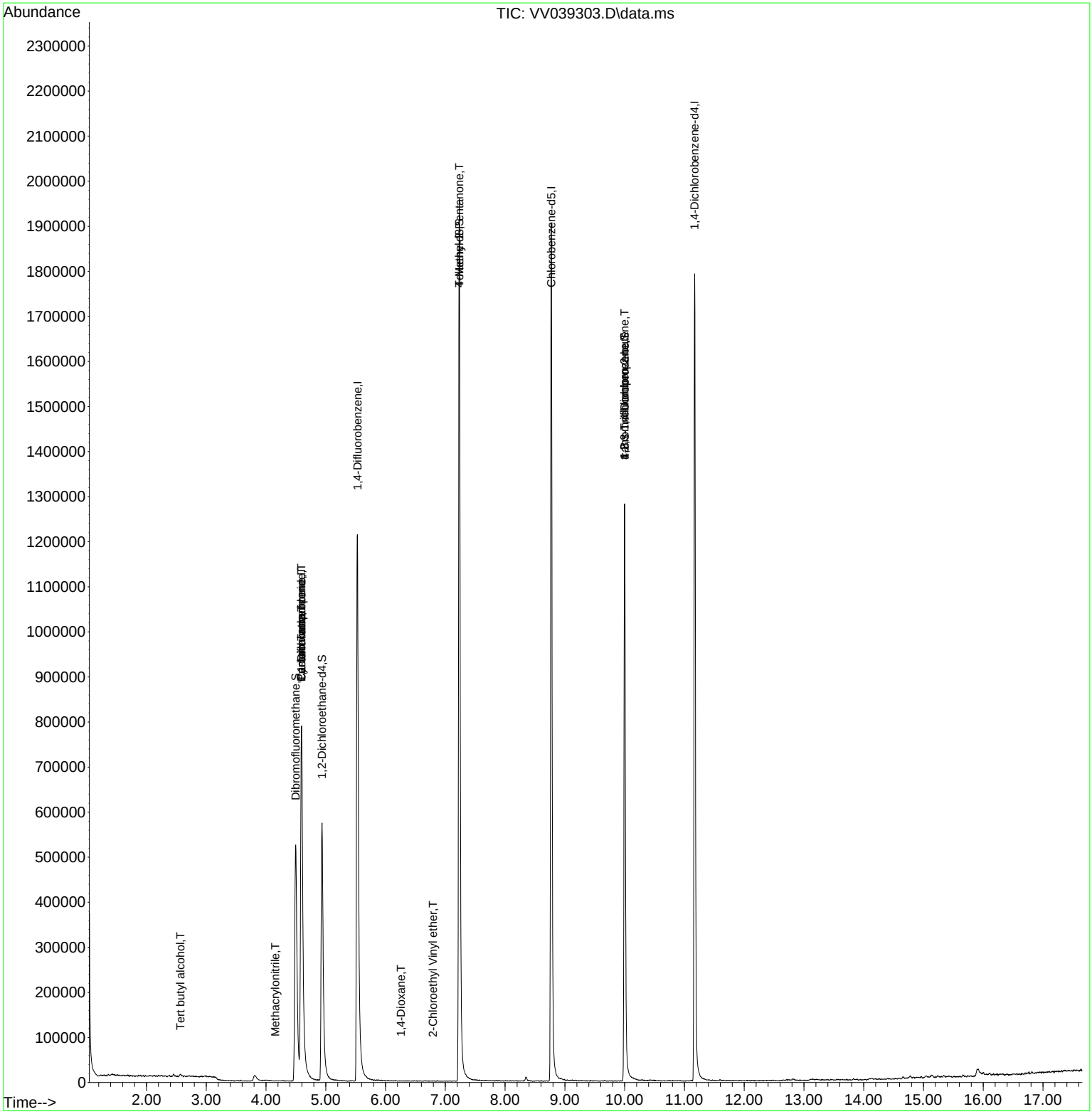
(#) = qualifier out of range (m) = manual integration (+) = signals summed

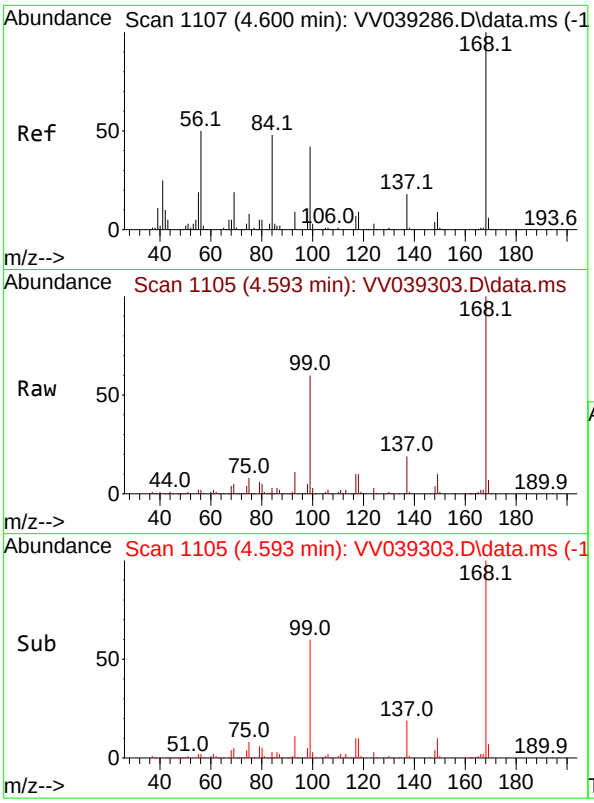
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039303.D
Acq On : 21 Oct 2025 15:32
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Oct 24 04:49:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration



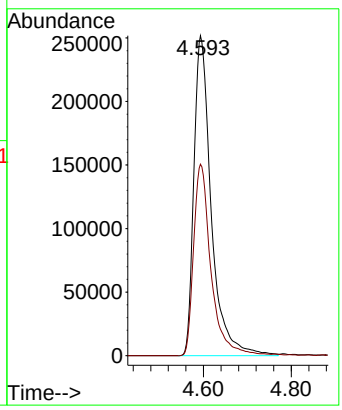


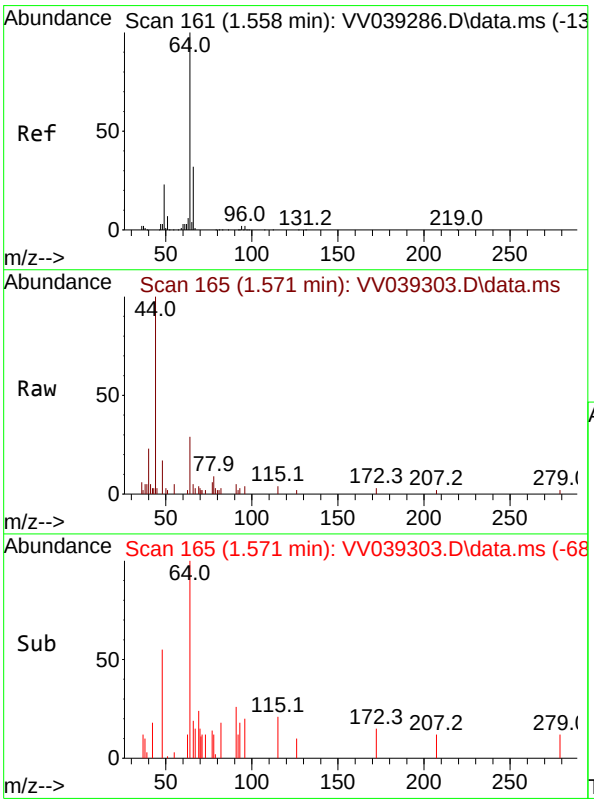
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 1
Delta R.T. -0.007 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 689917

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.6	70.0

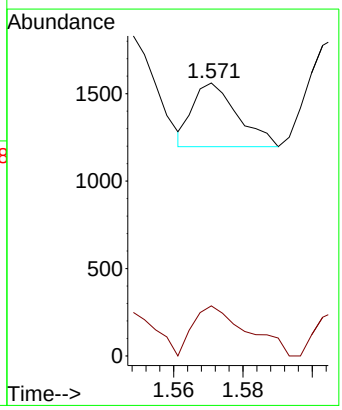


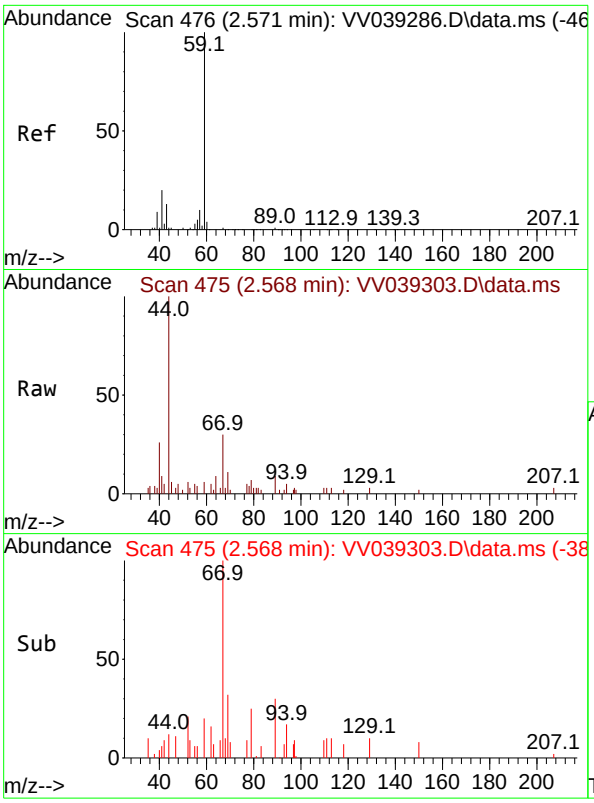


#6
Chloroethane
Concen: Below Cal
RT: 1.571 min Scan# 165
Delta R.T. 0.013 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 64 Resp: 325

Ion	Ratio	Lower	Upper
64	100		
66	78.6	25.7	38.5#



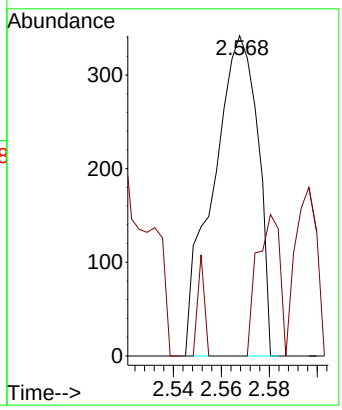


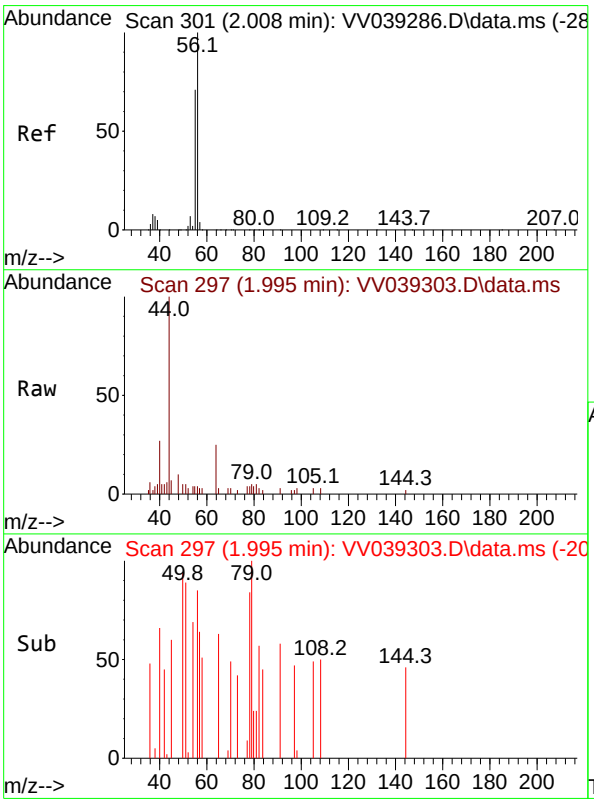
#11
Tert butyl alcohol
Concen: 0.233 ug/l
RT: 2.568 min Scan# 4
Delta R.T. -0.003 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 59 Resp: 443

Ion	Ratio	Lower	Upper
59	100		
57	22.1	8.1	12.1#

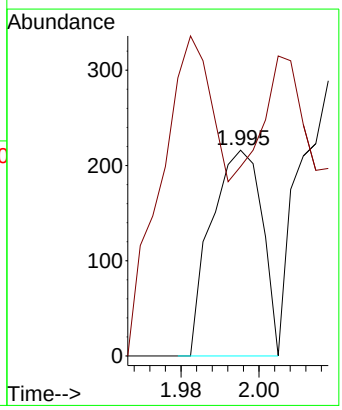


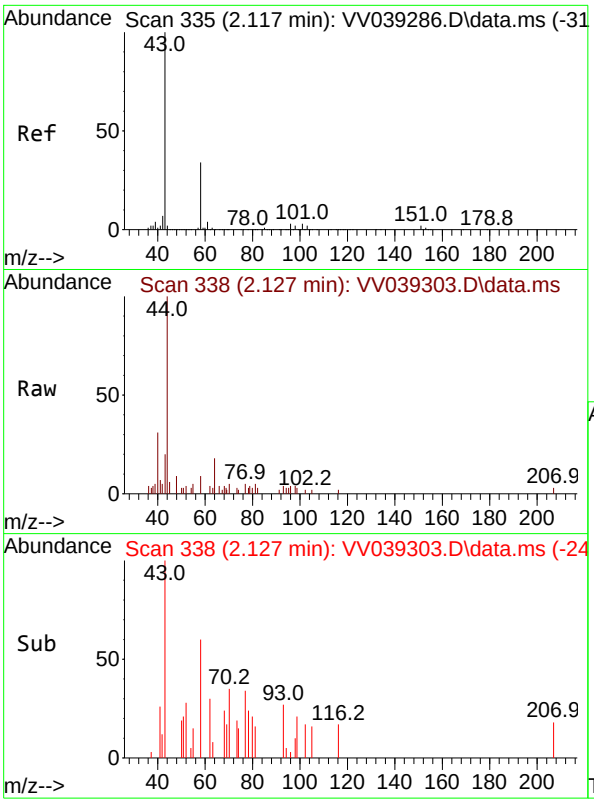


#13
Acrolein
Concen: Below Cal
RT: 1.995 min Scan# 297
Delta R.T. -0.013 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 56 Resp: 196

Ion	Ratio	Lower	Upper
56	100		
55	58.2	56.2	84.4



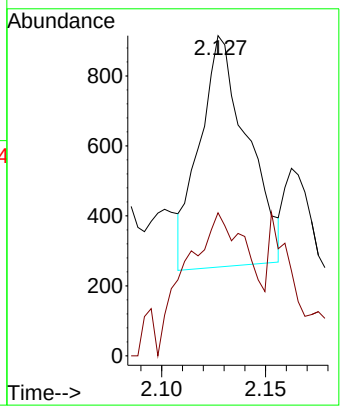


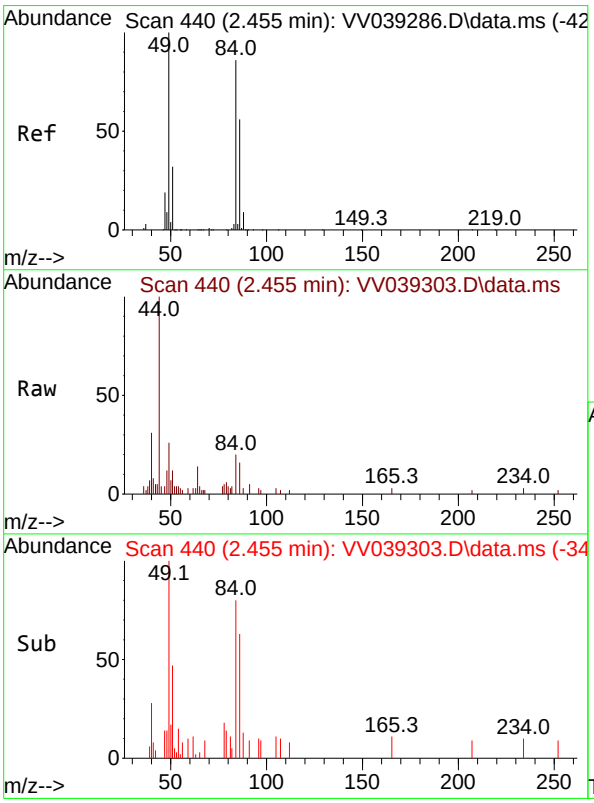
#16
Acetone
Concen: Below Cal
RT: 2.127 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1054

Ion	Ratio	Lower	Upper
43	100		
58	36.9	27.5	41.3

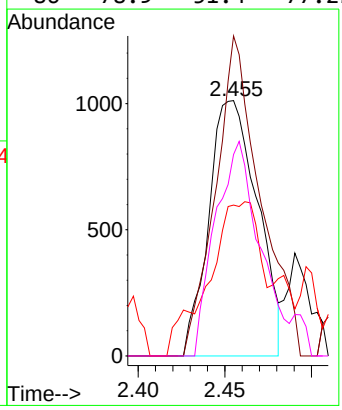


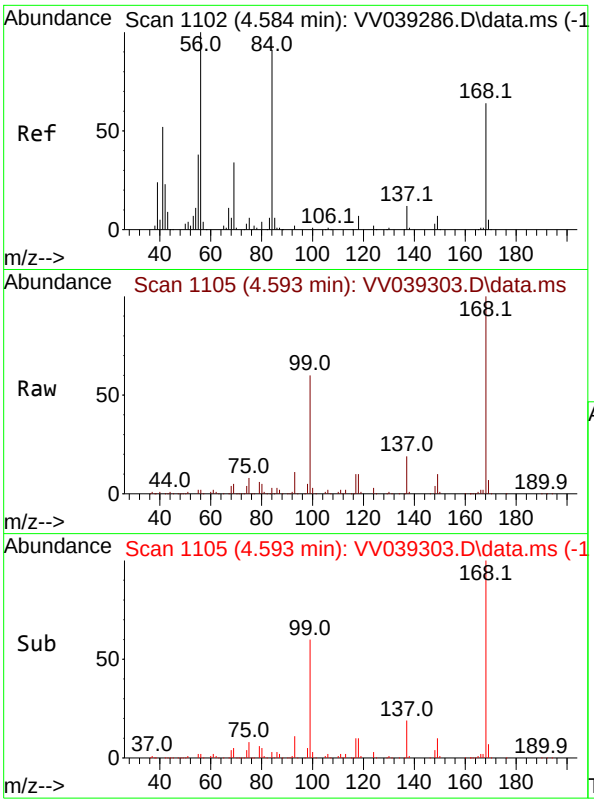


#20
Methylene Chloride
Concen: Below Cal
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 84 Resp: 1976

Ion	Ratio	Lower	Upper
84	100		
49	125.3	92.6	139.0
51	45.2	29.6	44.4#
86	78.9	51.4	77.2#



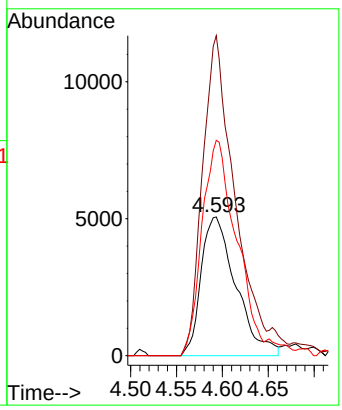


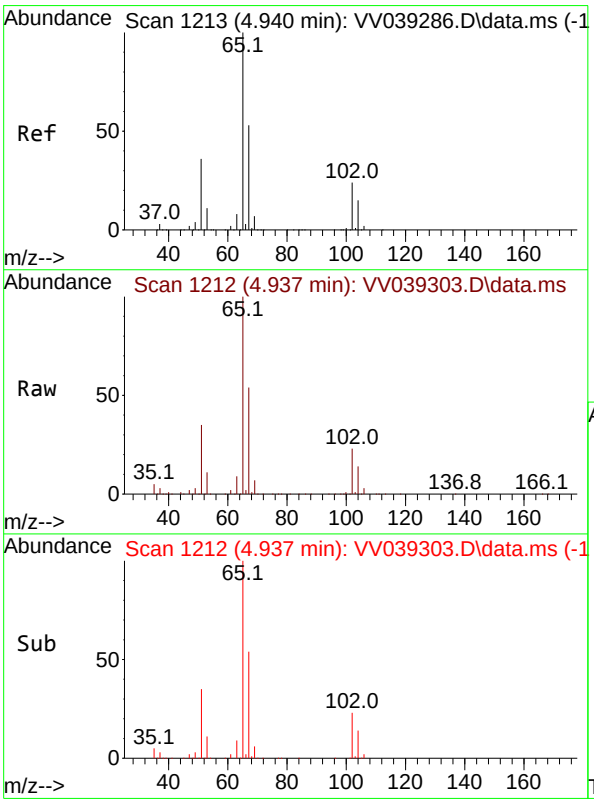
#31
Cyclohexane
Concen: 1.037 ug/l
RT: 4.593 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 13400

Ion	Ratio	Lower	Upper
56	100		
69	230.8	27.4	41.0#
84	155.4	72.8	109.2#

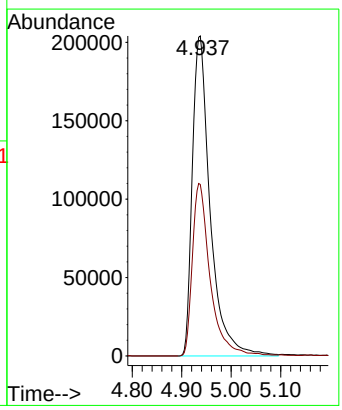


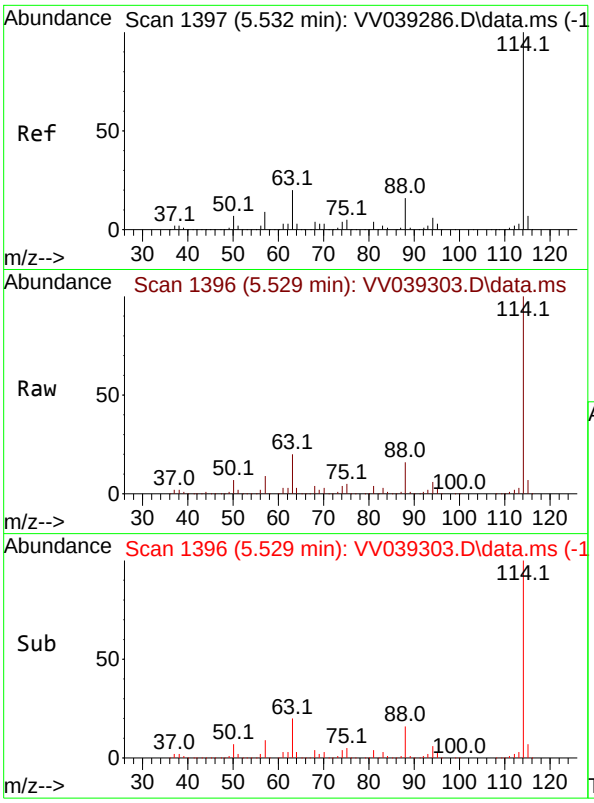


#33
1,2-Dichloroethane-d4
Concen: 52.286 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 65 Resp: 512574

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.4



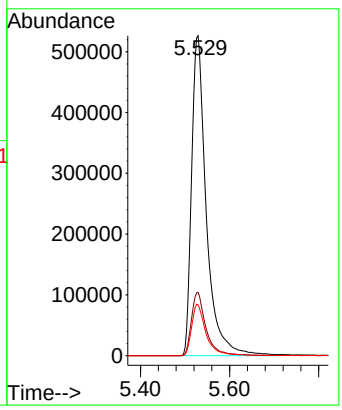


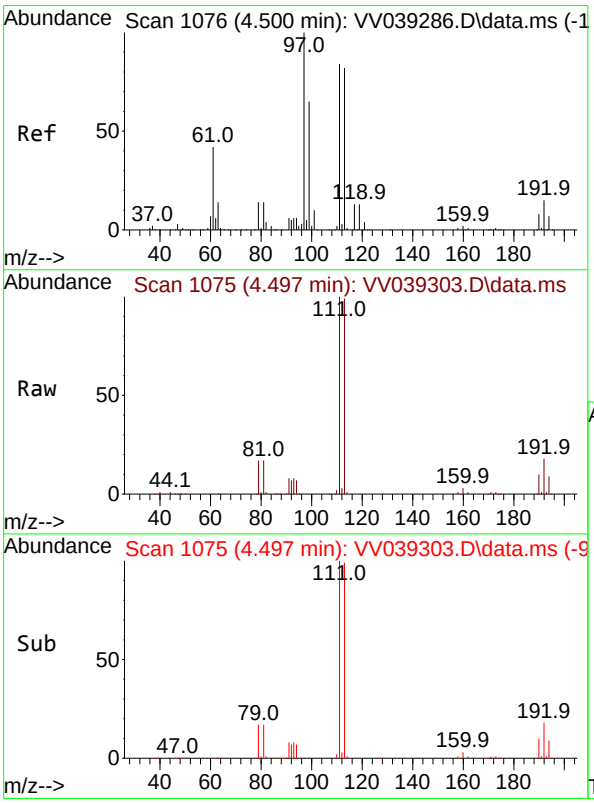
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 1212535

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.9	0.0	31.6

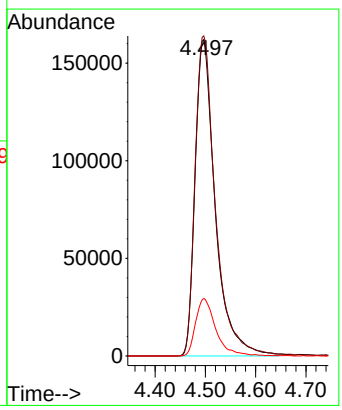


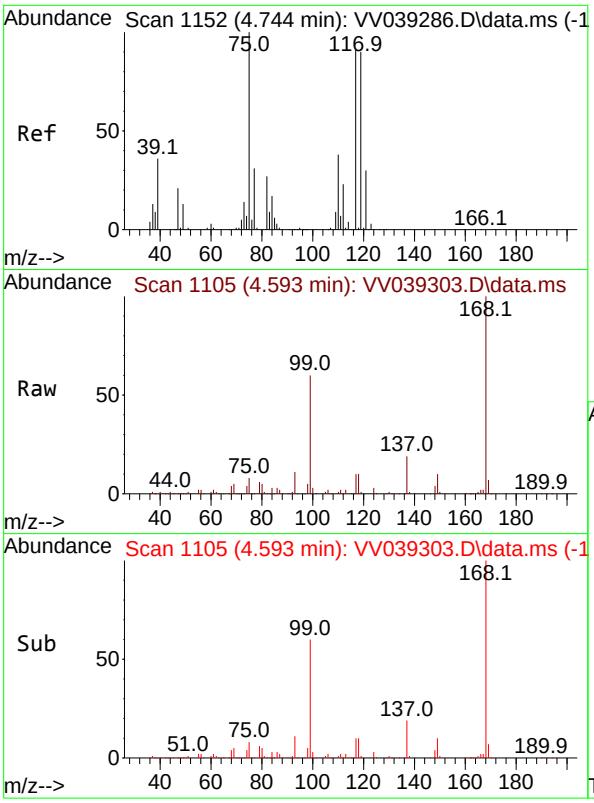


#35
Dibromofluoromethane
Concen: 47.246 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion:113 Resp: 451388

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.0	14.3	21.5



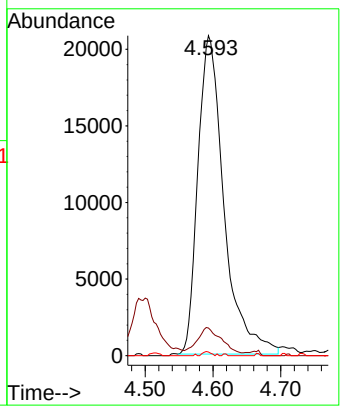


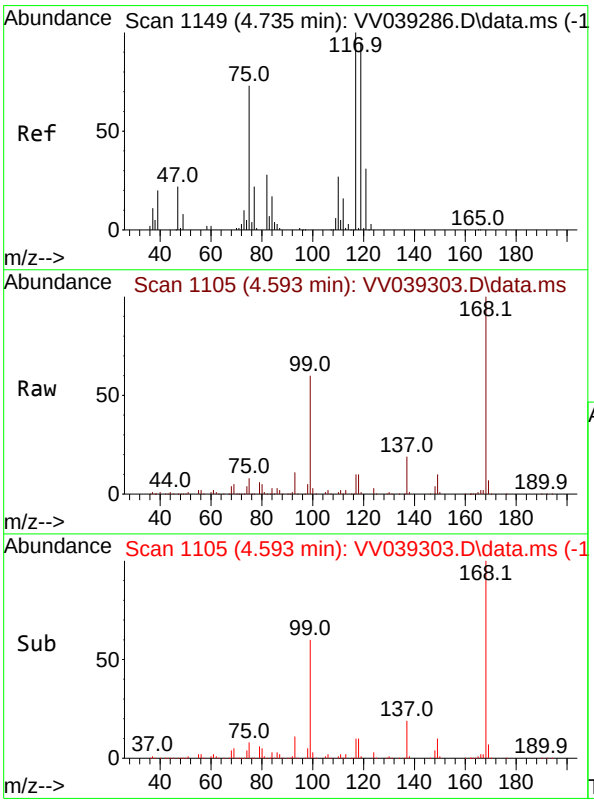
#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 4.593 min Scan# 11
Delta R.T. -0.151 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 55558

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.9	56.7#
77	0.4	24.1	36.1#

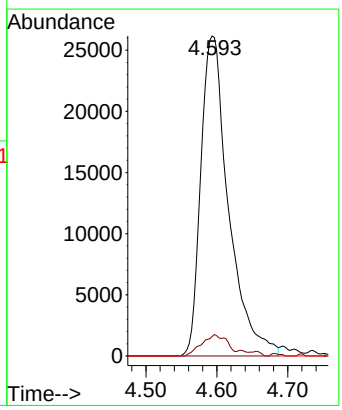


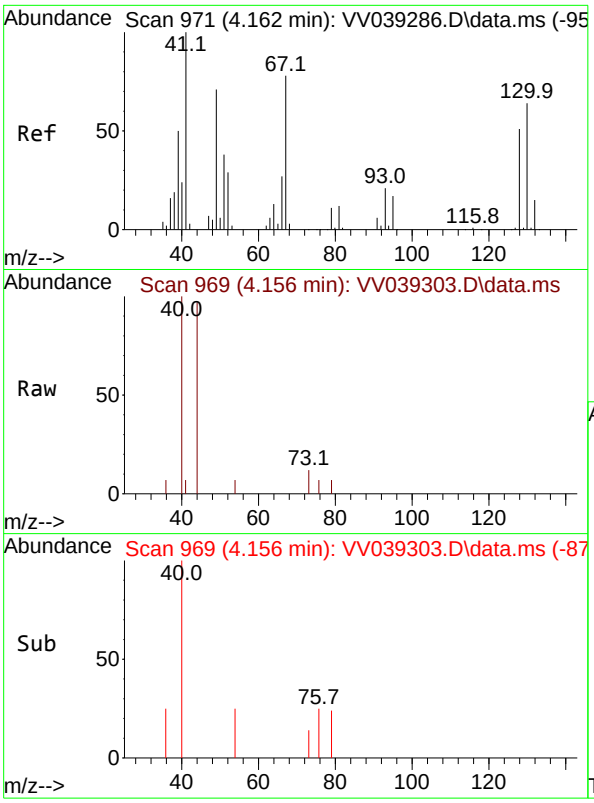


#38
Carbon Tetrachloride
Concen: 4.868 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion:117 Resp: 71172

Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.9	113.9#
121	0.0	24.6	37.0#



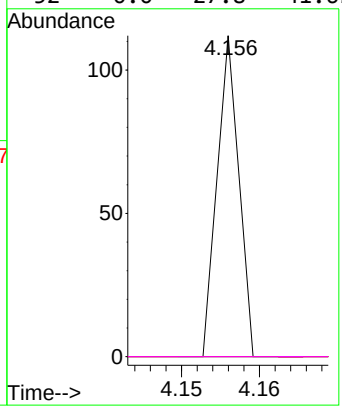


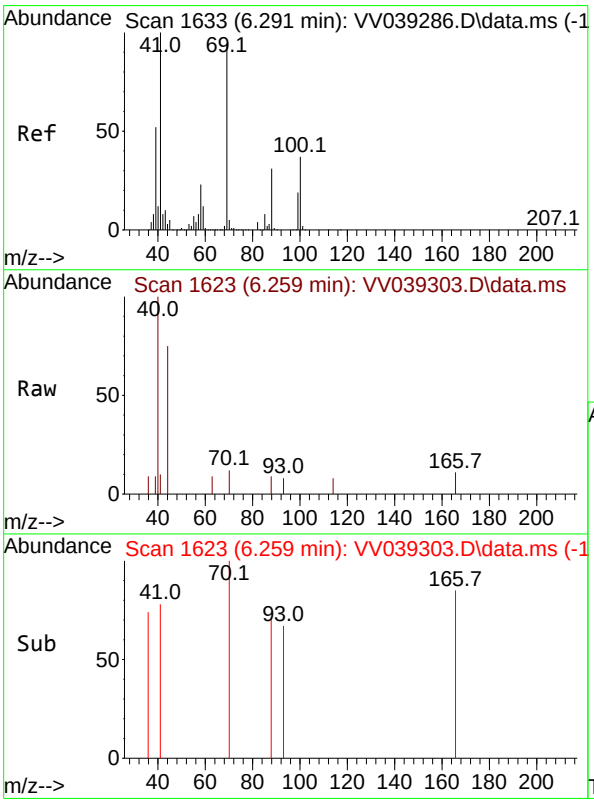
#41
Methacrylonitrile
Concen: 1.695 ug/l
RT: 4.156 min Scan# 9
Delta R.T. -0.006 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 41 Resp: 22

Ion	Ratio	Lower	Upper
41	100		
39	0.0	40.9	61.3#
67	0.0	73.1	109.7#
52	0.0	27.8	41.6#

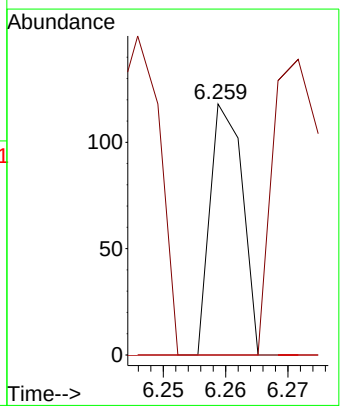


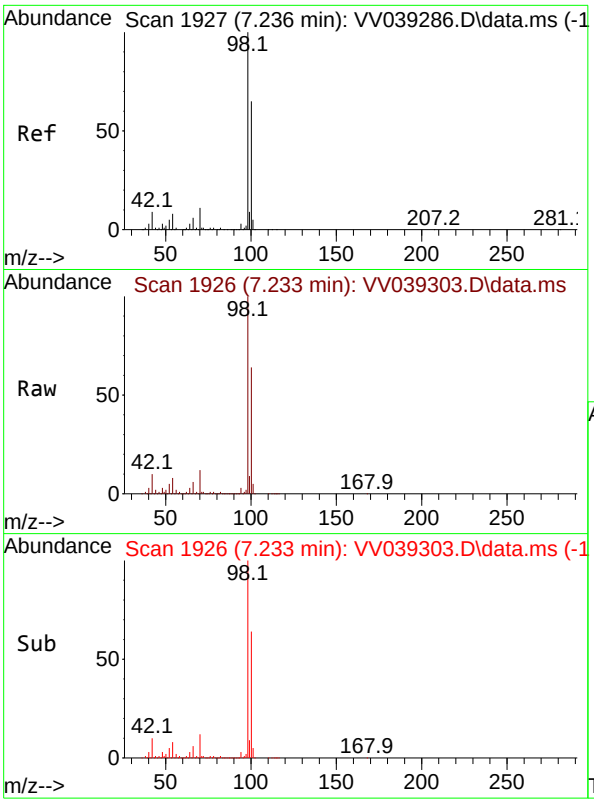


#49
1,4-Dioxane
Concen: 0.296 ug/l
RT: 6.259 min Scan# 1623
Delta R.T. -0.032 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
43	171.4	24.1	36.1#
58	0.0	57.6	86.4#



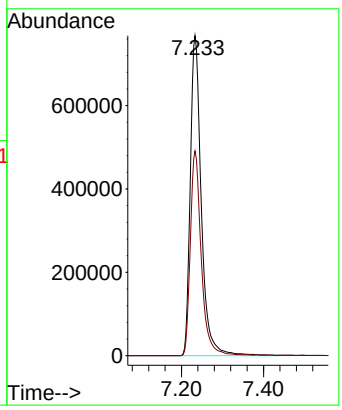


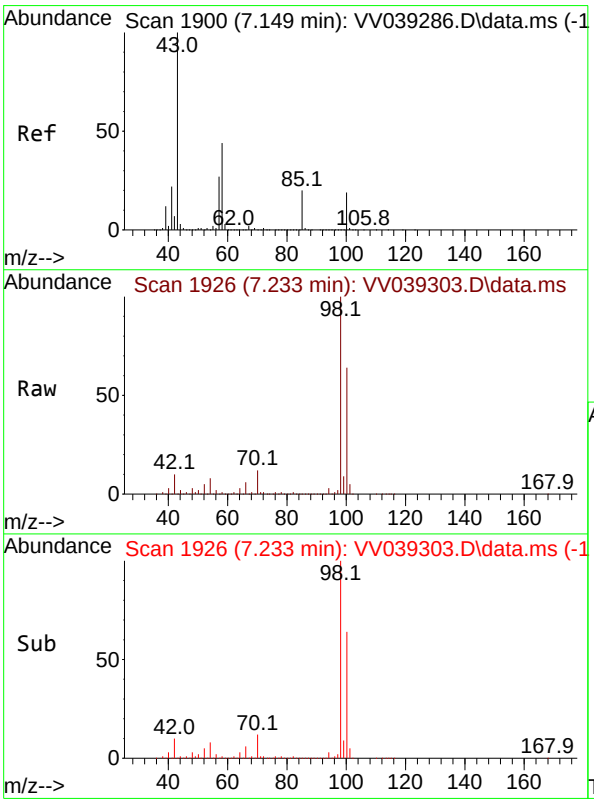
#50
Toluene-d8
Concen: 44.093 ug/l
RT: 7.233 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 1433109

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.8	79.2

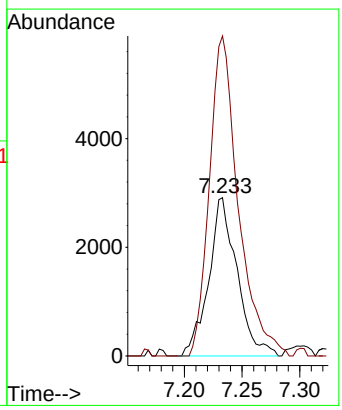


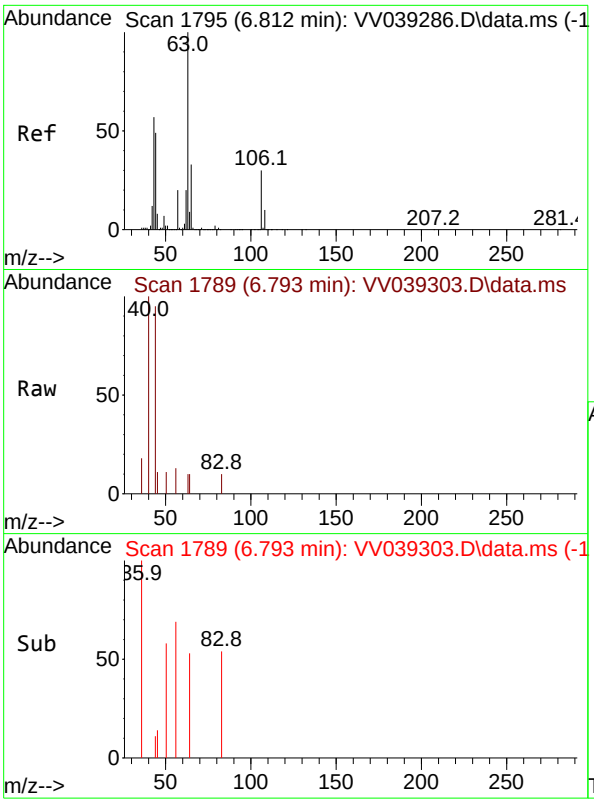


#51
4-Methyl-2-Pentanone
Concen: 0.389 ug/l
RT: 7.233 min Scan# 1926
Delta R.T. 0.084 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 43 Resp: 4968

Ion	Ratio	Lower	Upper
43	100		
58	206.2	34.2	51.4#



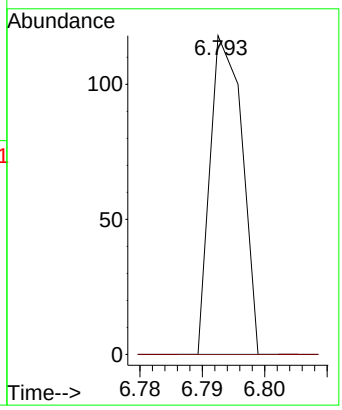


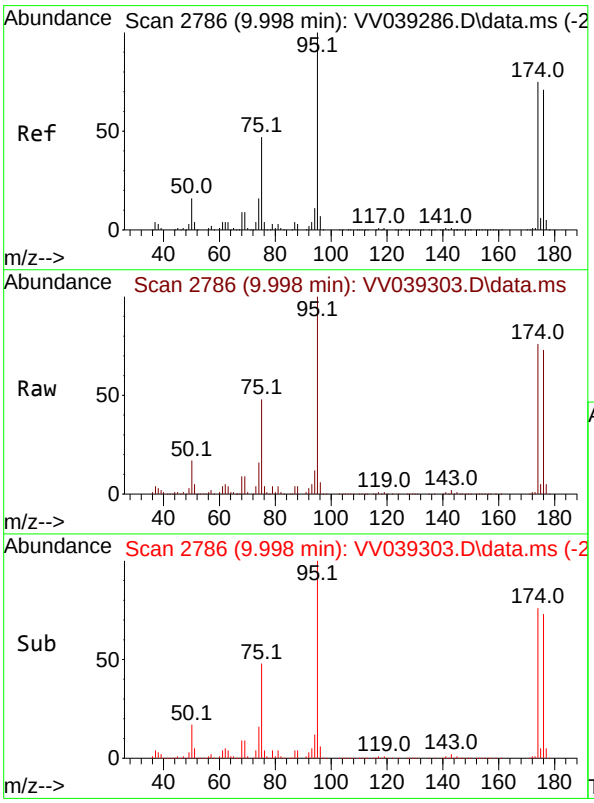
#58
2-Chloroethyl Vinyl ether
Concen: 8.473 ug/l
RT: 6.793 min Scan# 1
Delta R.T. -0.019 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 42

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#

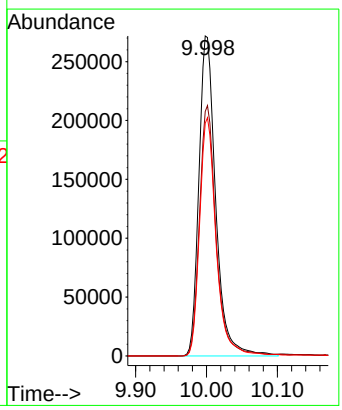


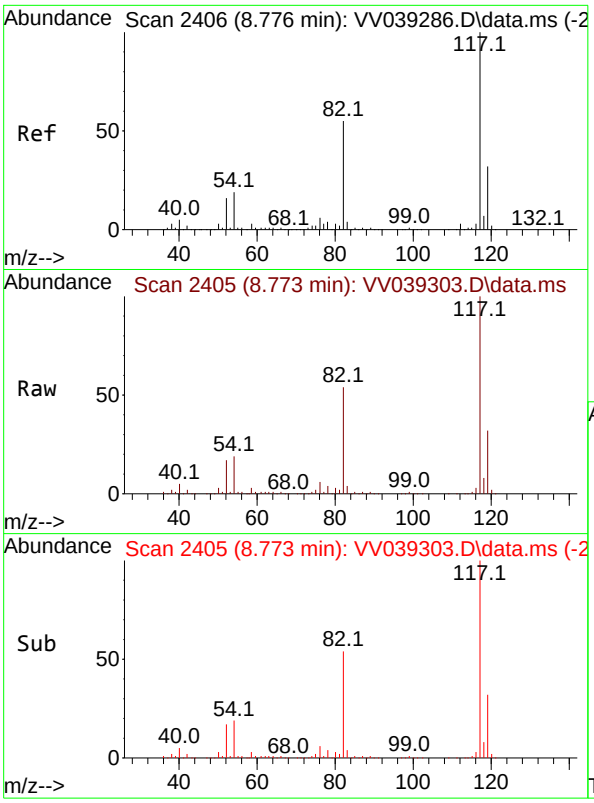


#62
4-Bromofluorobenzene
Concen: 38.726 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 95 Resp: 448257

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	153.6
176	73.0	0.0	146.0



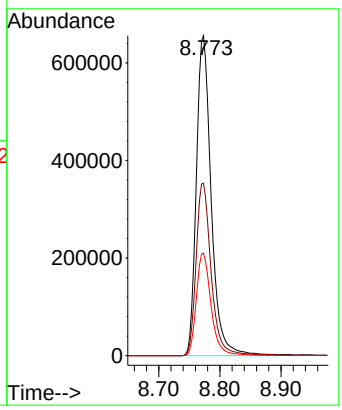


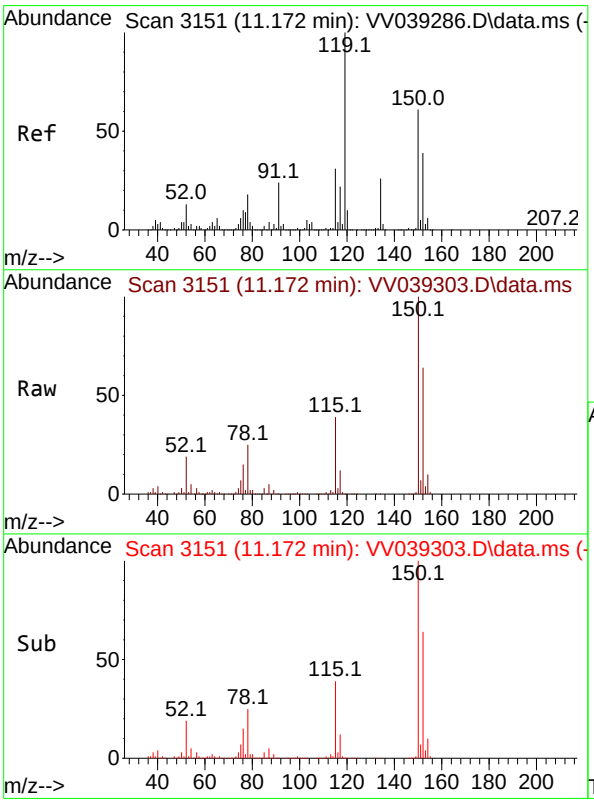
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1108899

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.8
119	32.0	25.8	38.6

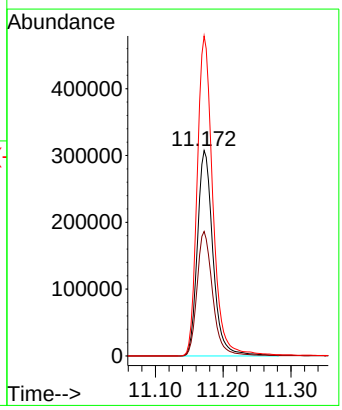


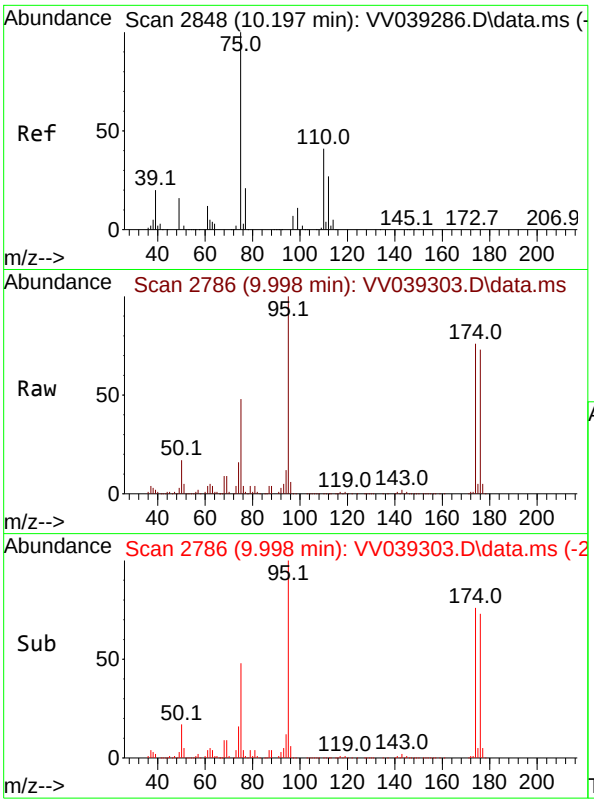


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion:152 Resp: 491534

Ion	Ratio	Lower	Upper
152	100		
115	61.1	42.3	126.8
150	157.0	0.0	348.0



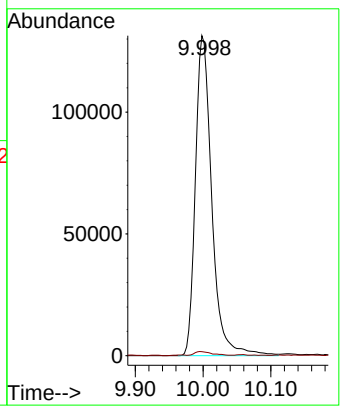


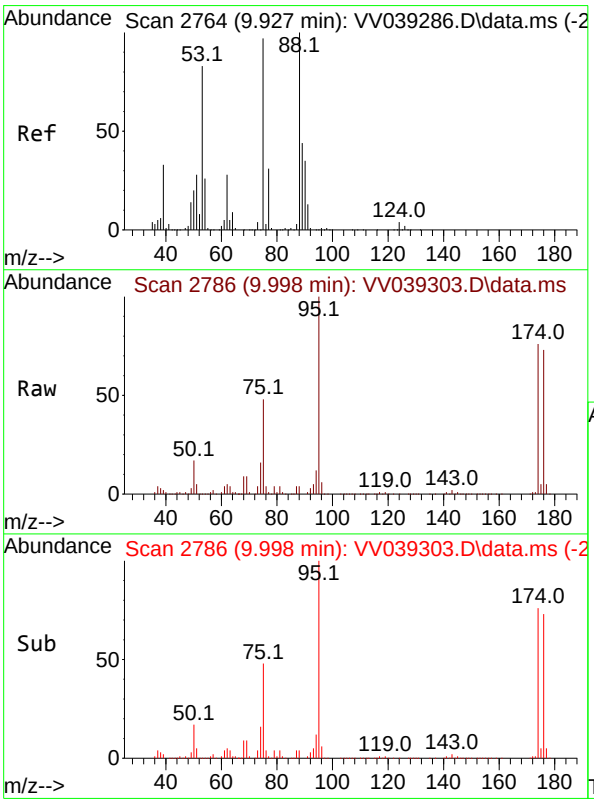
#76
1,2,3-Trichloropropane
Concen: 22.479 ug/l
RT: 9.998 min Scan# 2
Delta R.T. -0.199 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 220532

Ion	Ratio	Lower	Upper
75	100		
77	1.4	12.2	36.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.771 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.071 min
Lab File: VV039303.D
Acq: 21 Oct 2025 15:32

Tgt Ion: 75 Resp: 220532

Ion	Ratio	Lower	Upper
75	100		
53	0.2	69.9	104.9#
89	0.0	37.4	56.0#