Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039102.D
Acq On : 16 Sep 2025 13:28
Operator : SY/MD
Sample : Q3084-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	366992	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	379922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	215846	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	126146	4.358	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.200%			
7) Chloroethane-d5	1.545	69	115240	4.594	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.072	65	57242	4.151	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.000%			
20) 2-Butanone-d5	3.789	46	247776	57.636	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.280%			
24) Chloroform-d	4.256	84	267753	4.763	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	4.947	65	118996	5.027	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	4.963	84	487434	4.689	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
36) 1,2-Dichloropropane-d6	5.989	67	153155	4.929	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.239	98	362598	3.896	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.000%			
43) trans-1,3-Dichloroprop...	7.558	79	47512	4.180	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.600%			
46) 2-Hexanone-d5	8.017	63	164161	44.615	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.220%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	112231	5.059	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	11.548	152	138810	3.995	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.294	62	222408	5.534	ug/L #	55
8) Chloroethane	1.670	64	2484	0.099	ug/L #	63
12) 1,1-Dichloroethene	2.082	96	36962	1.227	ug/L #	11
16) Methylene chloride	2.461	84	7449	0.220	ug/L	88
17) Methyl tert-butyl Ether	2.719	73	18406	0.355	ug/L #	74
18) trans-1,2-Dichloroethene	2.703	96	318170	10.373	ug/L	99
19) 1,1-Dichloroethane	3.121	63	858479	15.260	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	2706458	90.409	ug/L	98
27) 1,2-Dichloroethane	5.056	62	19504	0.652	ug/L	99
33) Benzene	5.014	78	420192	3.514	ug/L	100
34) Trichloroethene	5.857	95	6046	0.188	ug/L	90
35) Methylcyclohexane	5.989	83	41580	0.824	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	16619	0.536	ug/L #	88
42) Toluene	7.329	91	31022	0.249	ug/L	98
51) Chlorobenzene	8.802	112	3289111	40.887	ug/L	98
52) Ethylbenzene	8.953	91	11229	0.087	ug/L	95
53) m,p-Xylene	9.095	106	2607	0.052	ug/L	95
61) 1,2,3-Trichloropropane	11.104	75	1320010	72.600	ug/L #	49
64) 1,3-Dichlorobenzene	11.104	146	4192048	59.504	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039102.D
Acq On : 16 Sep 2025 13:28
Operator : SY/MD
Sample : Q3084-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 02:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.104	146	4192048	57.520	ug/L	97
67) 1,2-Dichlorobenzene	11.567	146	234359	3.754	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	6922	0.199	ug/L	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
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Acq On : 16 Sep 2025 13:28
Operator : SY/MD
Sample : Q3084-09
Misc : 25.0mL/MSVOA_V/WATER
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MSVOA_V
ClientSampleId :

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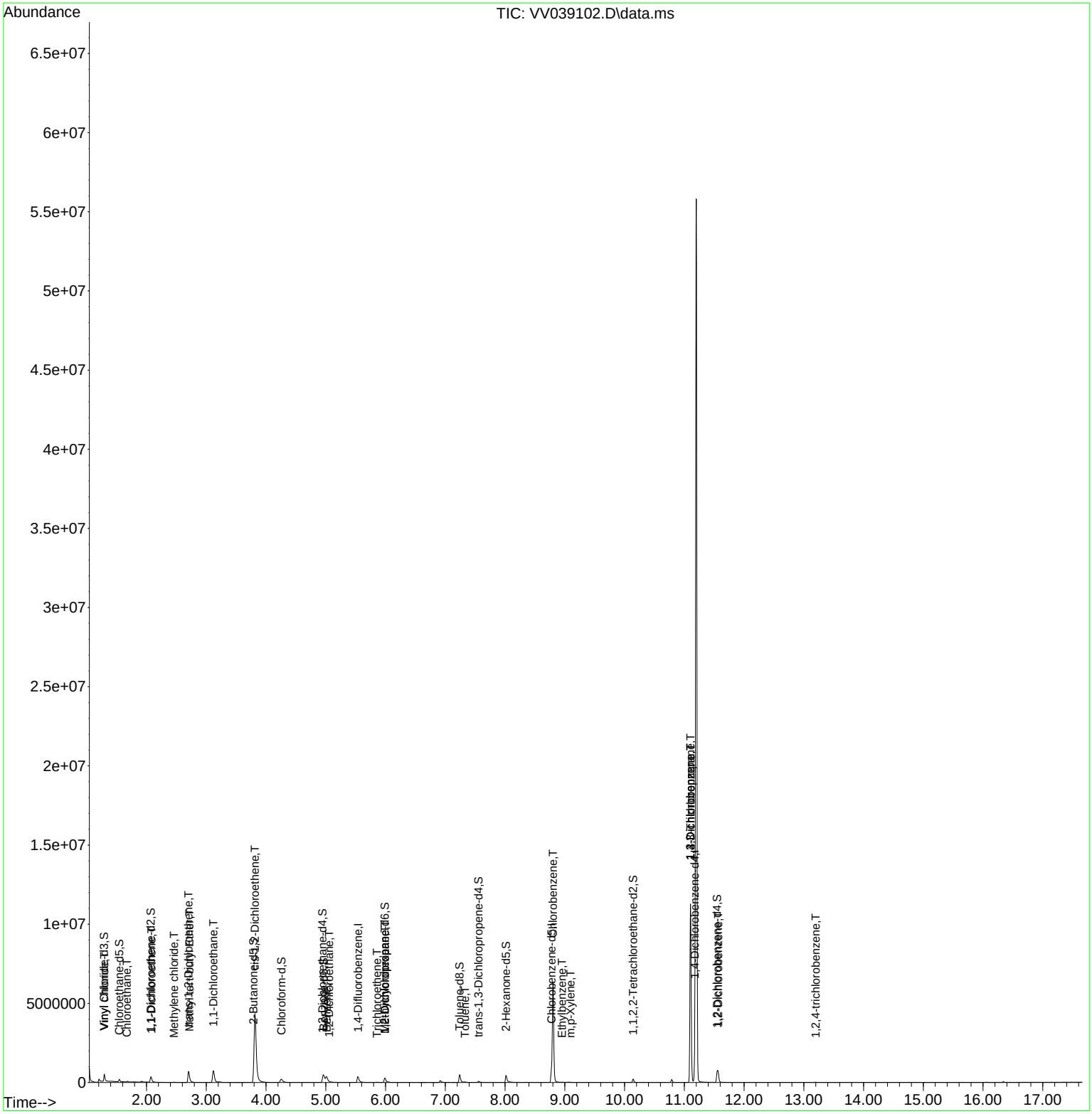
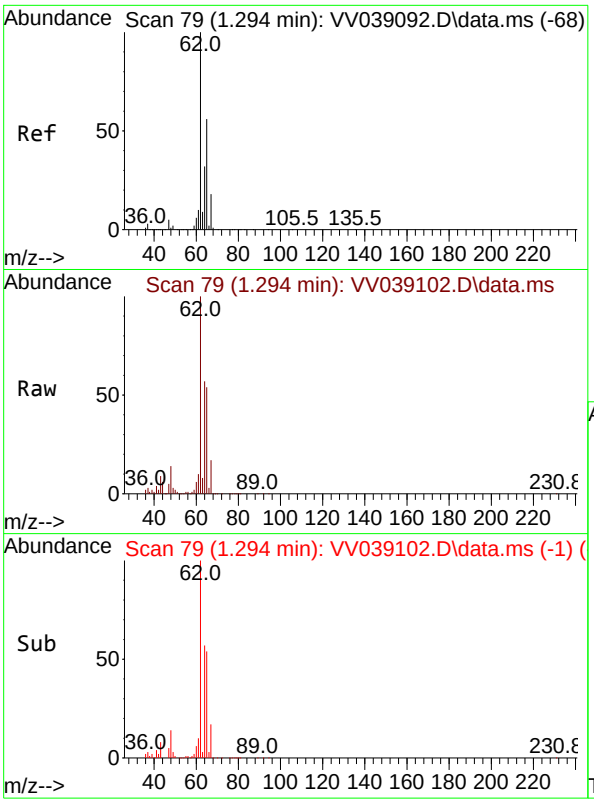
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration



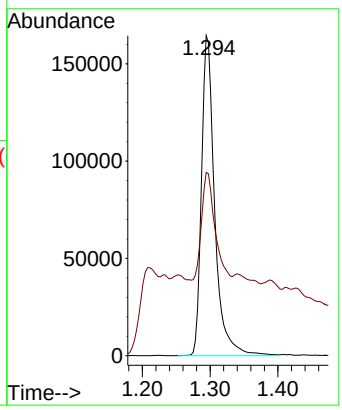


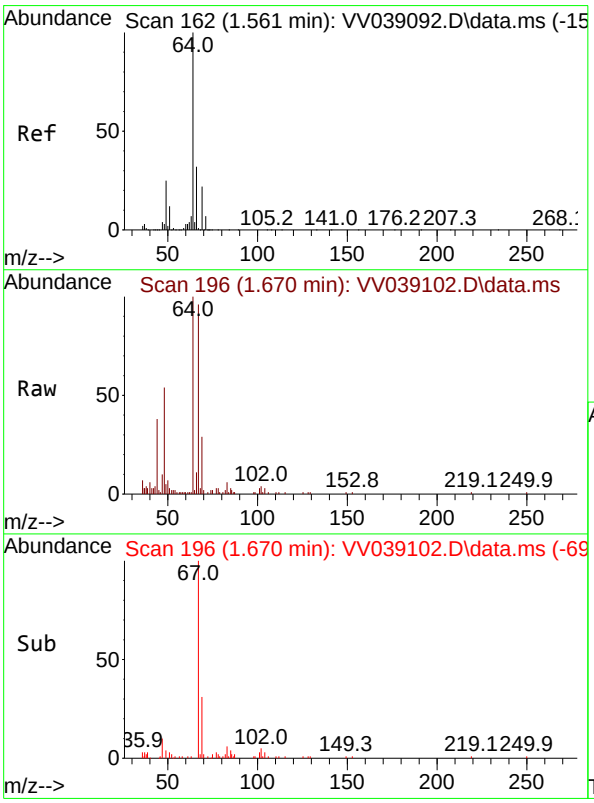
#5
Vinyl chloride
Concen: 5.534 ug/L
RT: 1.294 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 222408

Ion	Ratio	Lower	Upper
62	100		
64	57.3	22.4	41.6#

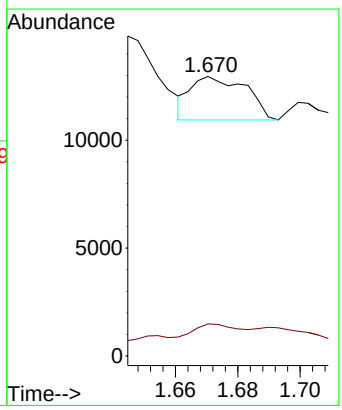


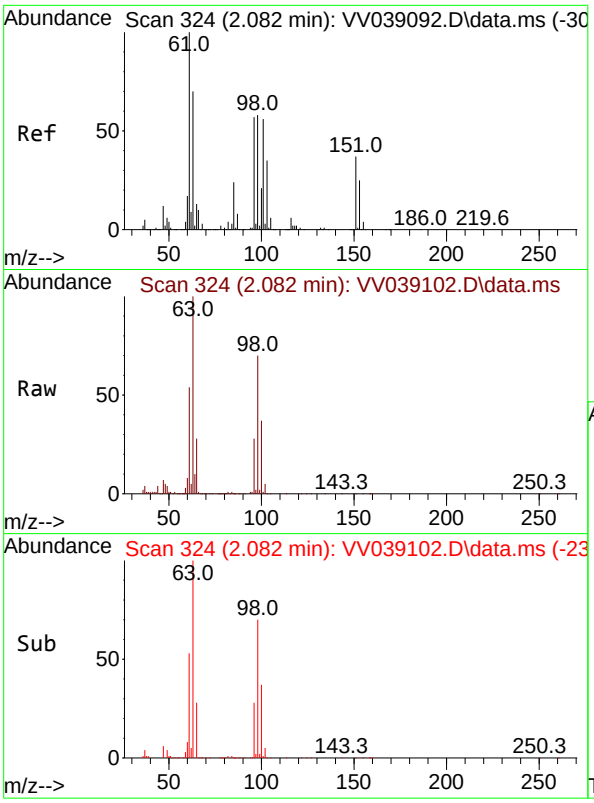


#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.670 min Scan# 196
Delta R.T. 0.109 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 64 Resp: 2484

Ion	Ratio	Lower	Upper
64	100		
66	11.5	22.3	41.5#



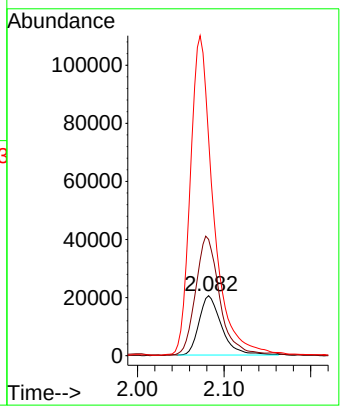


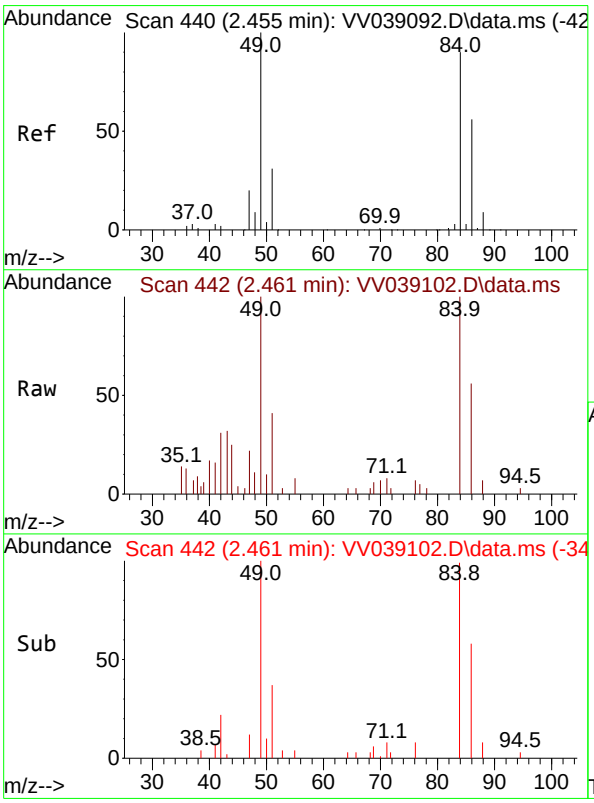
#12
1,1-Dichloroethene
Concen: 1.227 ug/L
RT: 2.082 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 36962

Ion	Ratio	Lower	Upper
96	100		
61	193.8	124.7	231.7
63	362.2	93.5	173.7#

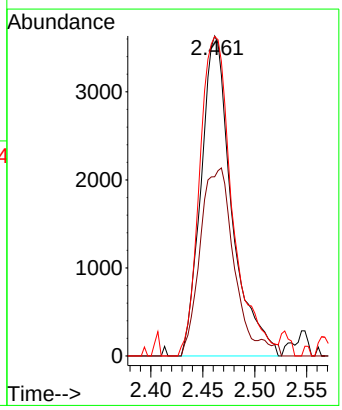


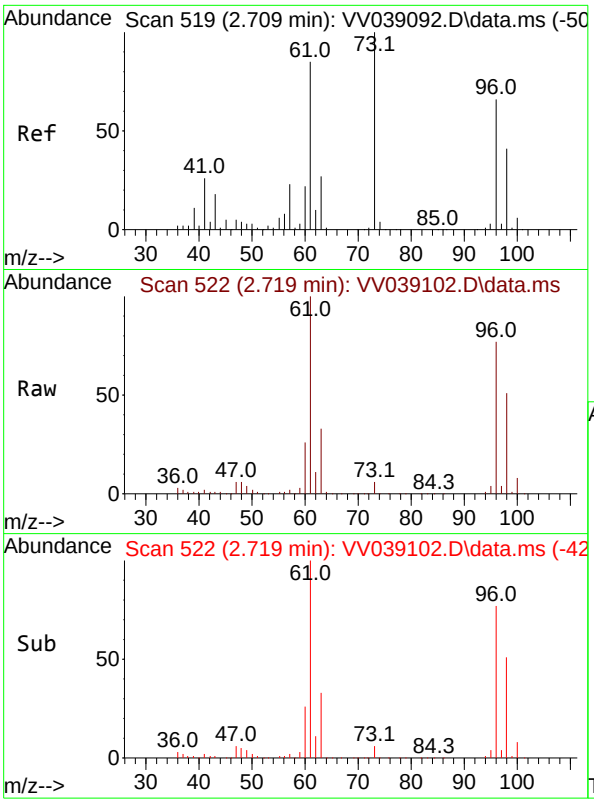


#16
Methylene chloride
Concen: 0.220 ug/L
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 84 Resp: 7449

Ion	Ratio	Lower	Upper
84	100		
86	56.0	44.2	82.2
49	99.8	80.6	149.6



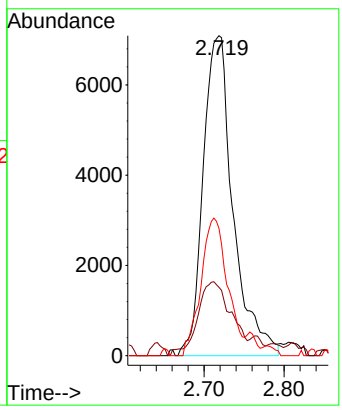


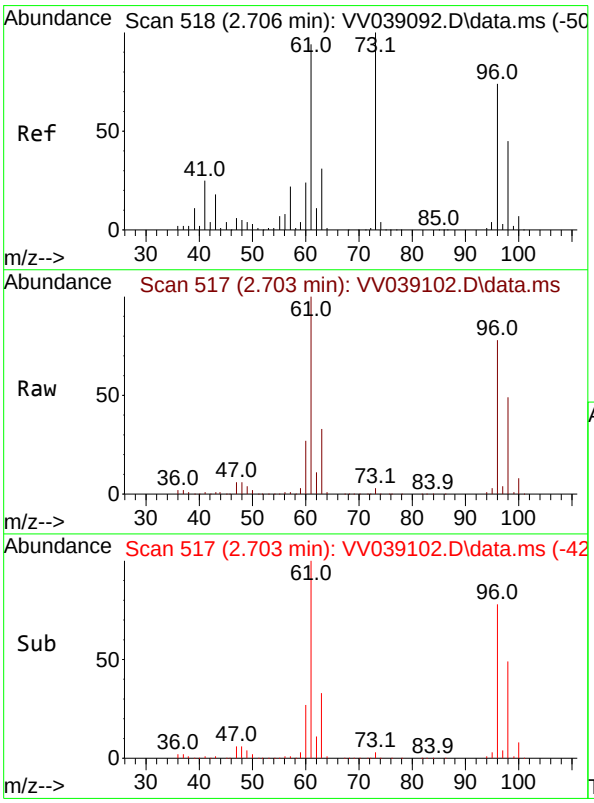
#17
Methyl tert-butyl Ether
Concen: 0.355 ug/L
RT: 2.719 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 18406

Ion	Ratio	Lower	Upper
73	100		
43	26.0	14.7	22.1#
57	38.4	18.0	27.0#

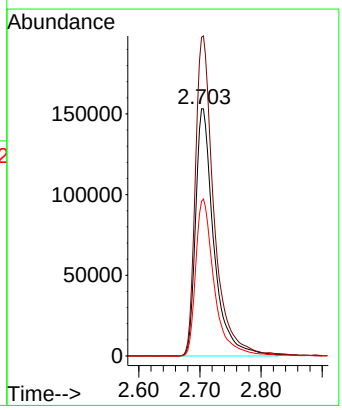


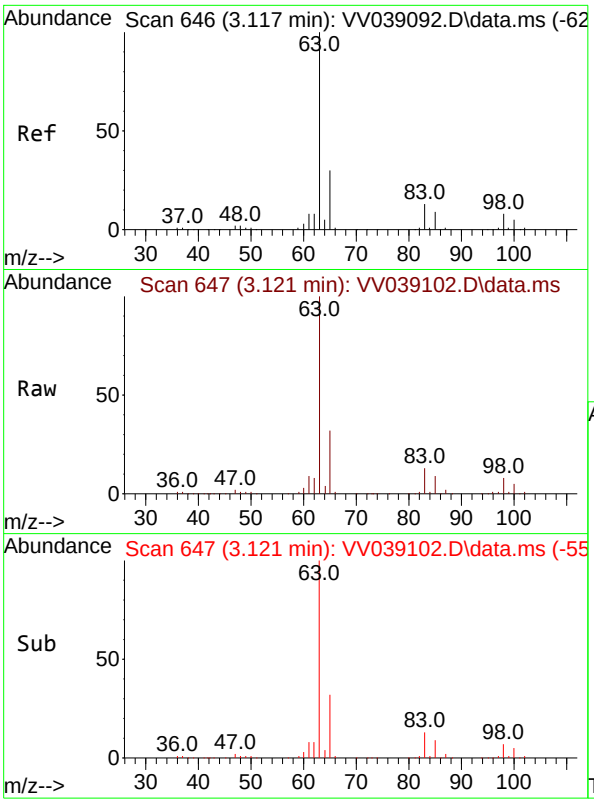


#18
trans-1,2-Dichloroethene
Concen: 10.373 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 96 Resp: 318170

Ion	Ratio	Lower	Upper
96	100		
61	128.9	89.7	166.5
98	62.6	44.9	83.3



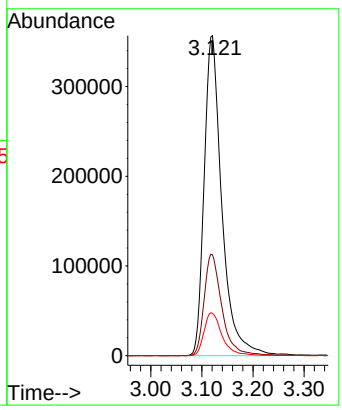


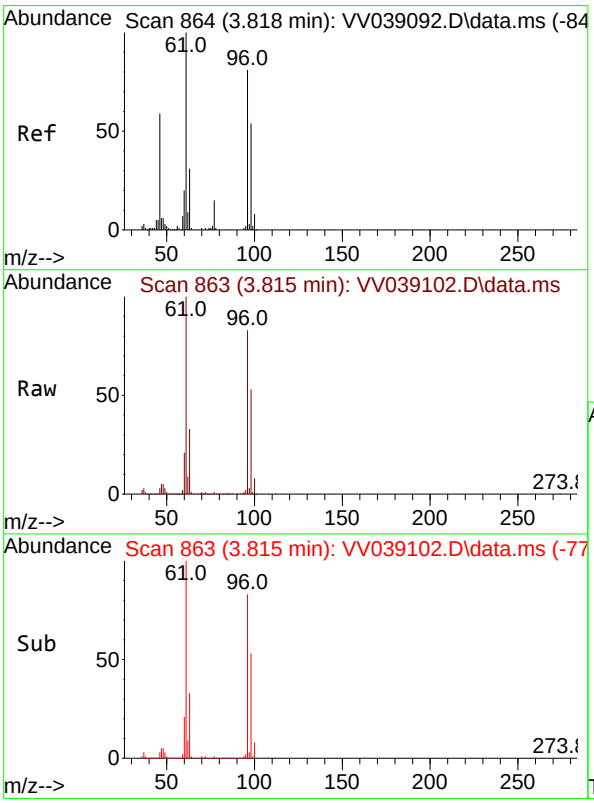
#19
1,1-Dichloroethane
Concen: 15.260 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 858479

Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.5	39.9
83	13.2	9.2	17.2

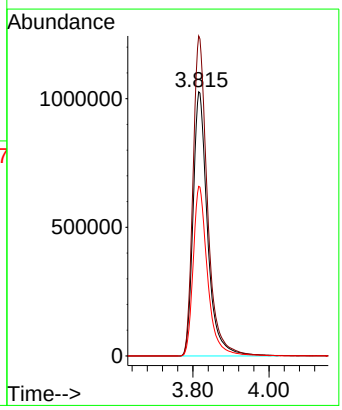


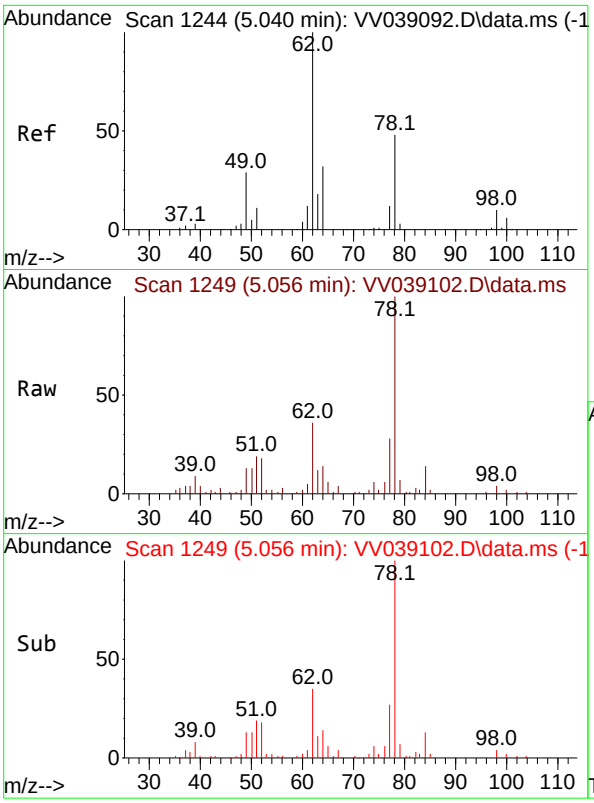


#22
cis-1,2-Dichloroethene
Concen: 90.409 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 96 Resp: 2706458

Ion	Ratio	Lower	Upper
96	100		
61	121.2	85.4	158.6
98	64.2	46.6	86.6



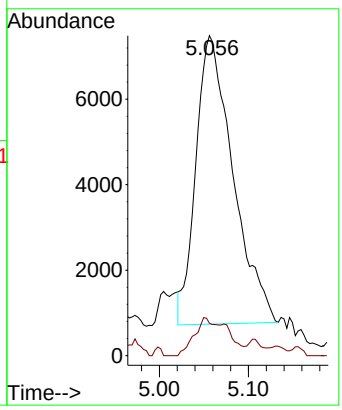


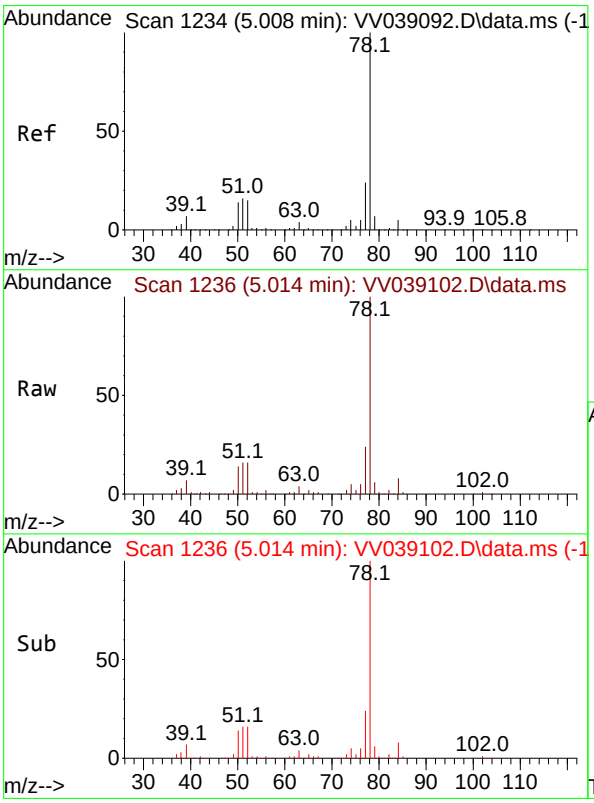
#27
1,2-Dichloroethane
Concen: 0.652 ug/L
RT: 5.056 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 19504

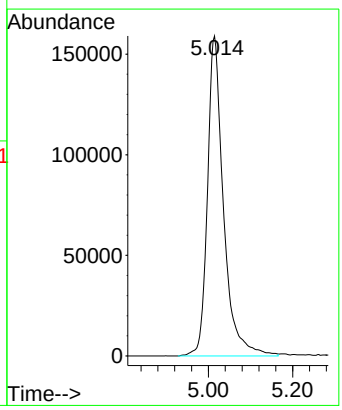
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.6	12.8

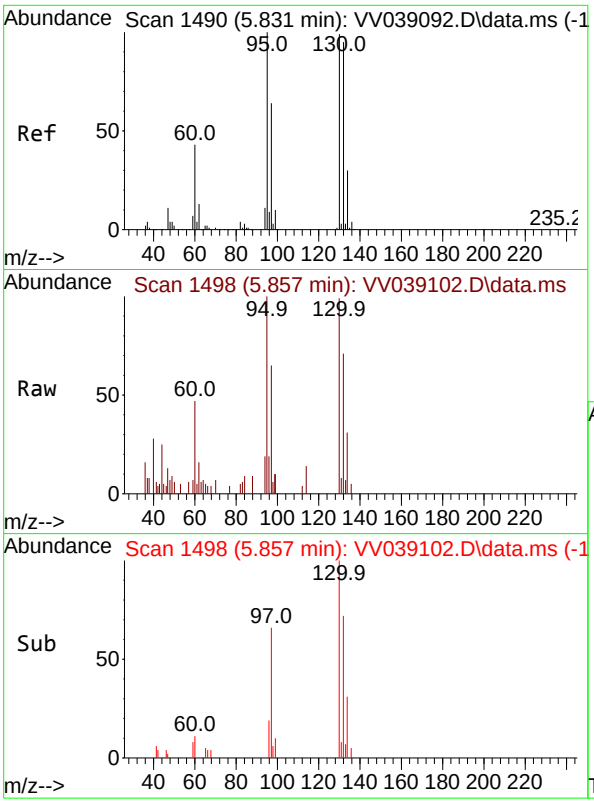




#33
Benzene
Concen: 3.514 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 78 Resp: 420192



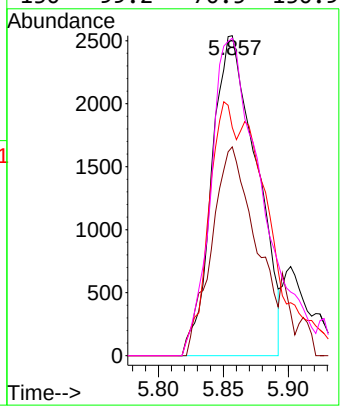


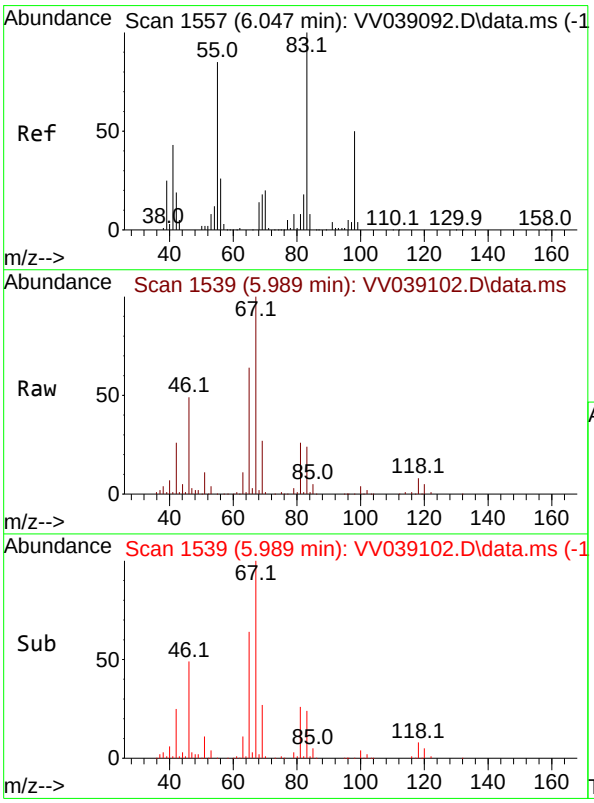
#34
Trichloroethene
Concen: 0.188 ug/L
RT: 5.857 min Scan# 14
Delta R.T. 0.026 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 6046

Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.3	80.5
132	71.3	65.5	121.7
130	99.2	70.5	130.9

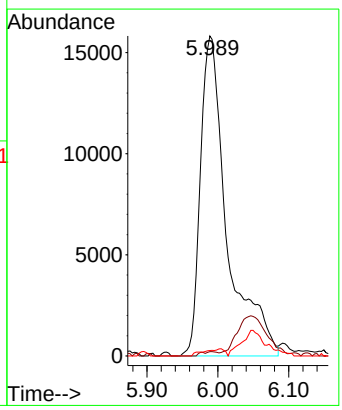


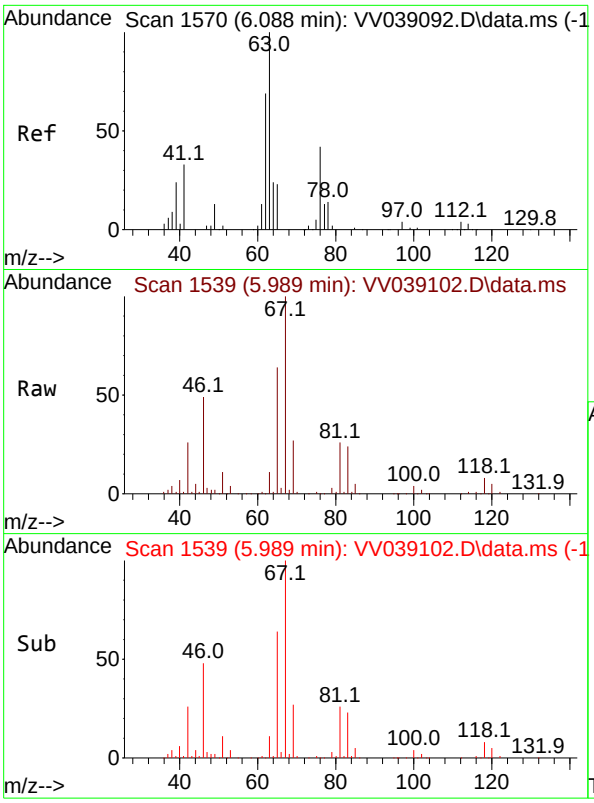


#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 83 Resp: 41580

Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.4	92.2#
98	1.7	38.2	57.4#



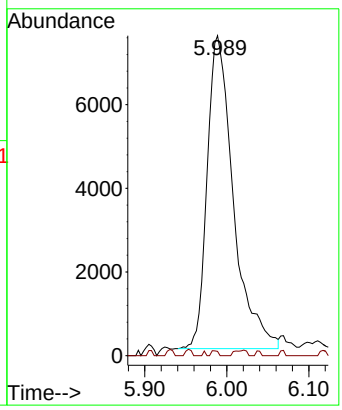


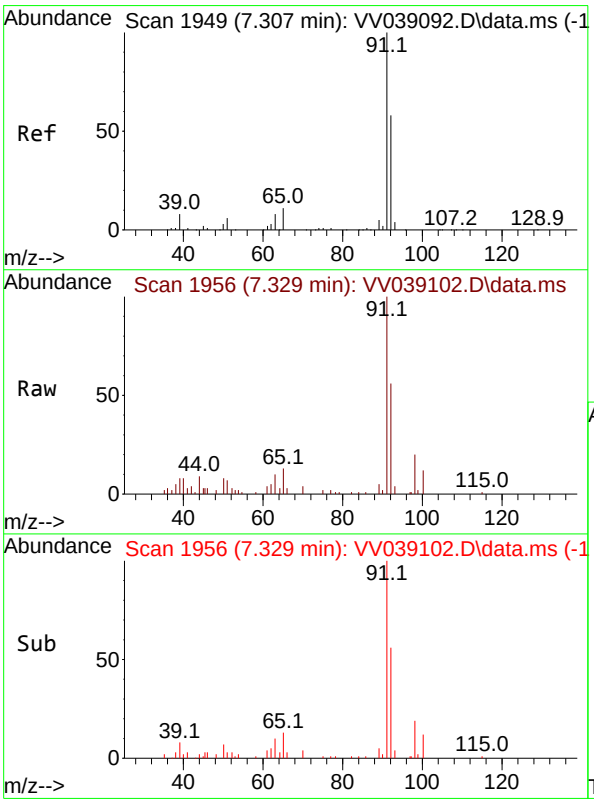
#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.100 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 16619

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.6	5.4#

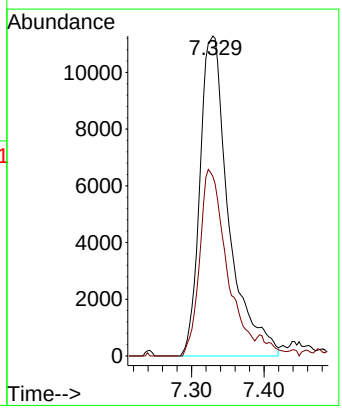


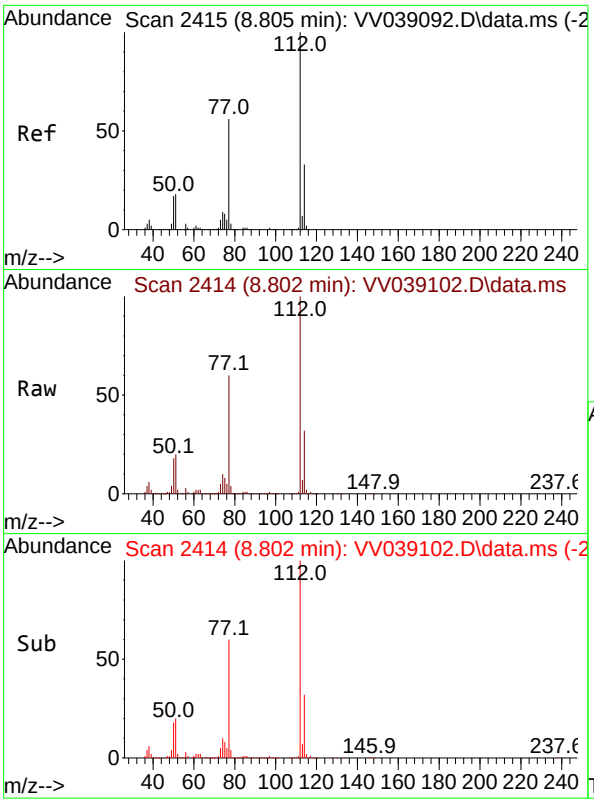


#42
Toluene
Concen: 0.249 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.022 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 91 Resp: 31022

Ion	Ratio	Lower	Upper
91	100		
92	56.0	40.5	75.1



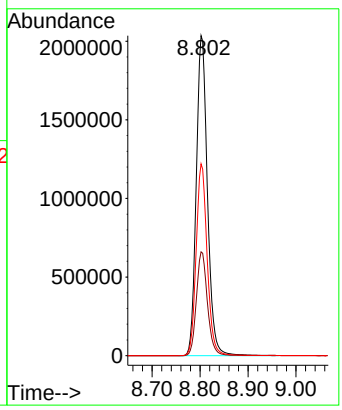


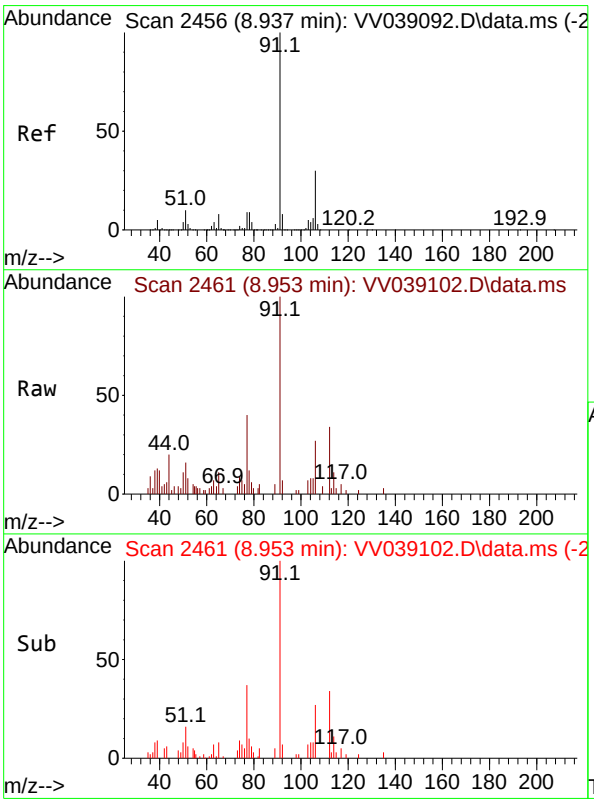
#51
Chlorobenzene
Concen: 40.887 ug/L
RT: 8.802 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 3289111

Ion	Ratio	Lower	Upper
112	100		
114	32.5	23.0	42.6
77	60.0	46.6	69.8

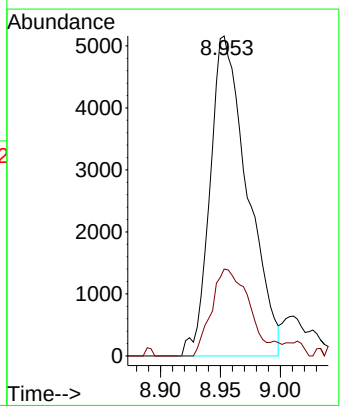


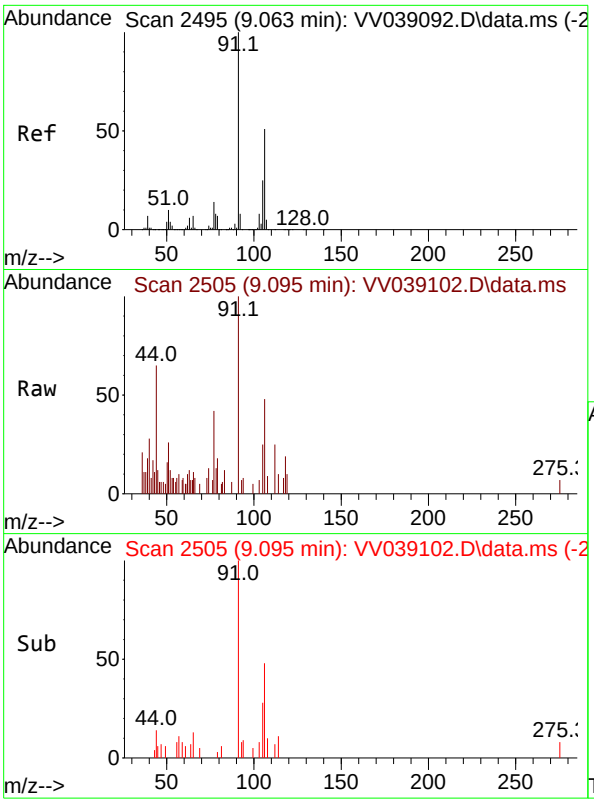


#52
Ethylbenzene
Concen: 0.087 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.016 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 91 Resp: 11229

Ion	Ratio	Lower	Upper
91	100		
106	27.2	20.8	38.6



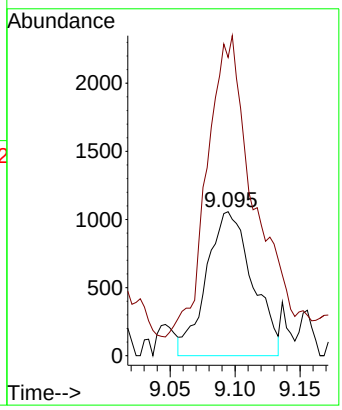


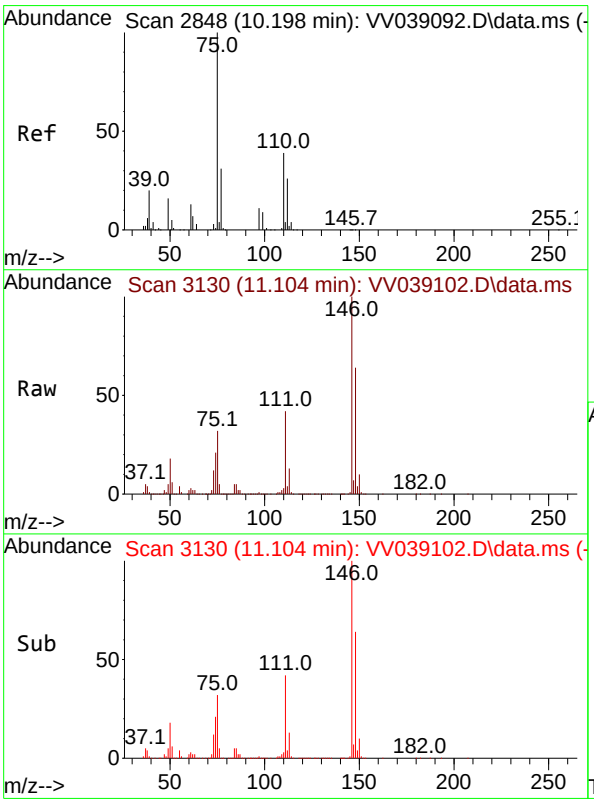
#53
m,p-Xylene
Concen: 0.052 ug/L
RT: 9.095 min Scan# 2
Delta R.T. 0.032 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2607

Ion	Ratio	Lower	Upper
106	100		
91	207.1	140.1	260.3

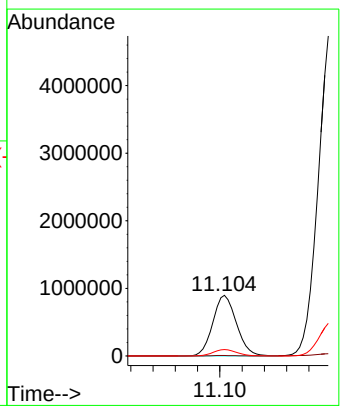


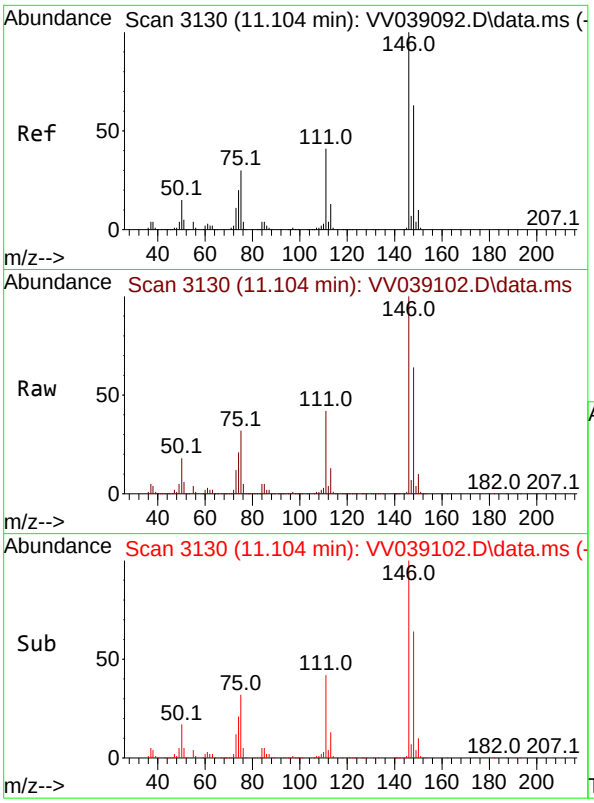


#61
1,2,3-Trichloropropane
Concen: 72.600 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.907 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion: 75 Resp: 1320010

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
110	10.8	31.0	46.4#



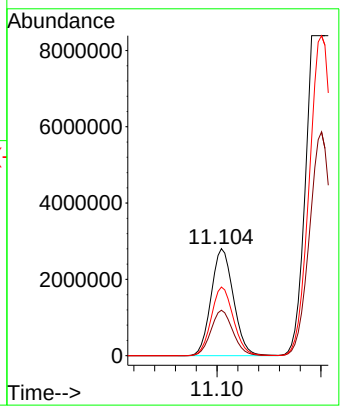


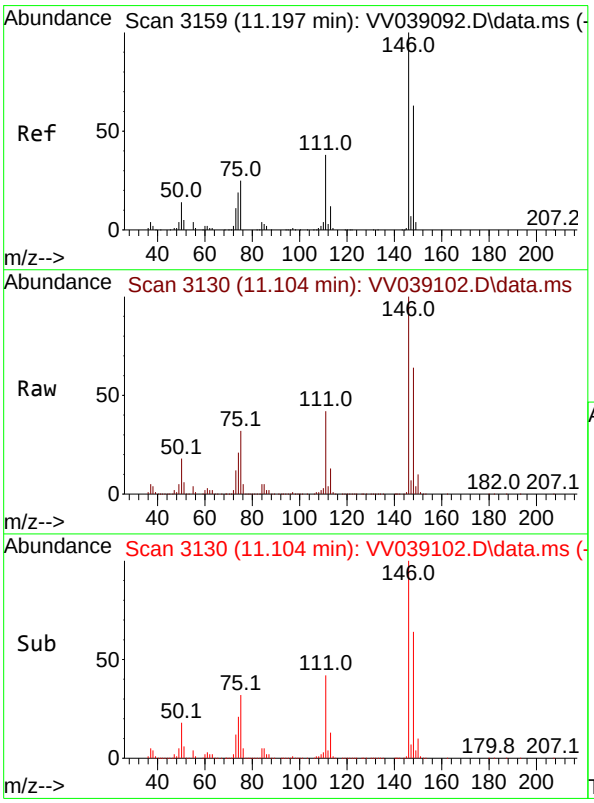
#64
1,3-Dichlorobenzene
Concen: 59.504 ug/L
RT: 11.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 4192048

Ion	Ratio	Lower	Upper
146	100		
111	42.4	28.3	52.7
148	64.1	42.9	79.7

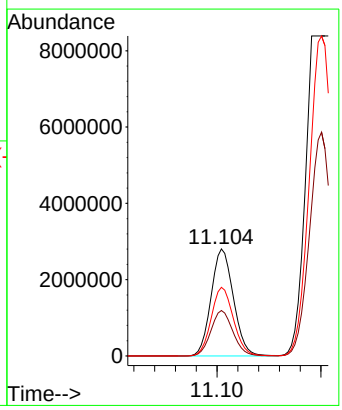


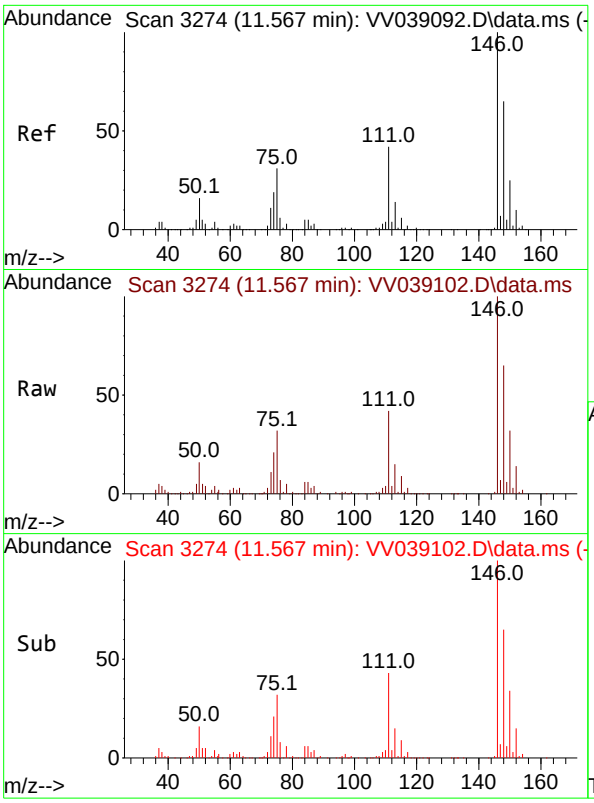


#65
1,4-Dichlorobenzene
Concen: 57.520 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. -0.093 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion:146 Resp: 4192048

Ion	Ratio	Lower	Upper
146	100		
111	42.4	27.2	50.6
148	64.1	43.8	81.4



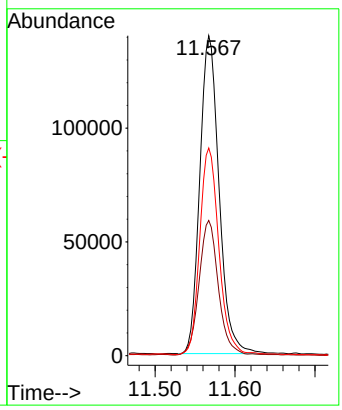


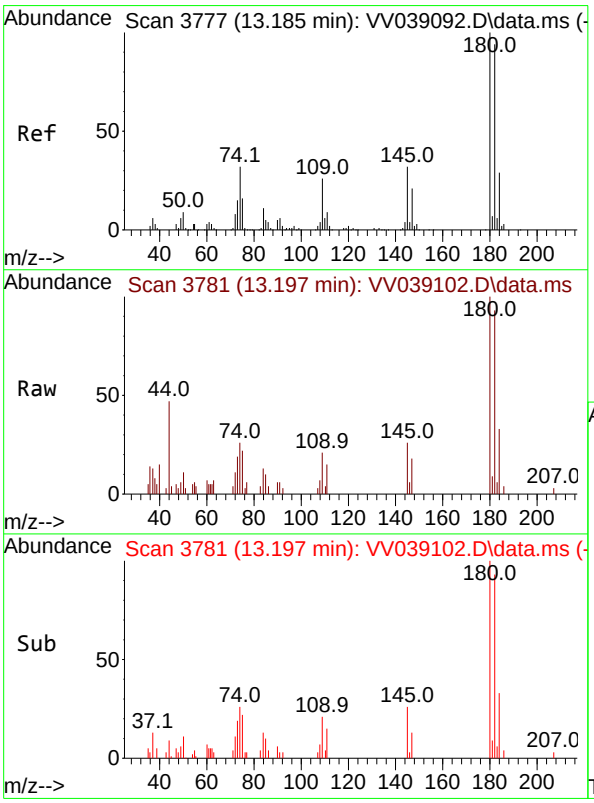
#67
1,2-Dichlorobenzene
Concen: 3.754 ug/L
RT: 11.567 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 234359

Ion	Ratio	Lower	Upper
146	100		
111	42.2	33.4	50.2
148	64.9	51.1	76.7





#70
1,2,4-trichlorobenzene
Concen: 0.199 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.013 min
Lab File: VV039102.D
Acq: 16 Sep 2025 13:28

Tgt Ion:180 Resp: 6922

Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.2	109.8
145	28.1	25.0	37.4