Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020725\
Data File : VV038654.D
Acq On : 07 Feb 2025 18:39
Operator : SY/MD
Sample : Q1334-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 12 13:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 12 13:18:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.529	114	254271	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.776	117	252922	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	126723	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.275	65	100053	3.80	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%				
7) Chloroethane-d5	1.529	69	80396	4.06	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%				
11) 1,1-Dichloroethene-d2	2.050	65	42307	3.85	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.00%				
20) 2-Butanone-d5	3.828	46	156915	34.37	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 68.74%				
24) Chloroform-d	4.239	84	178493	4.28	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%				
26) 1,2-Dichloroethane-d4	4.937	65	84761	4.62	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%				
32) Benzene-d6	4.950	84	348087	4.70	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%				
36) 1,2-Dichloropropane-d6	5.982	67	107774	4.92	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%				
41) Toluene-d8	7.236	98	314978	4.77	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%				
43) trans-1,3-Dichloroprop...	7.551	79	41436	5.15	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%				
46) 2-Hexanone-d5	8.021	63	190333	61.05	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.10%				
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86693	4.65	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%				
66) 1,2-Dichlorobenzene-d4	11.551	152	117011	5.33	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%				
Target Compounds							Qvalue
8) Chloroethane	1.326	64	855288	46.02	ug/L	#	54
13) Acetone	2.156	43	52535	15.67	ug/L		74
14) Carbon disulfide	2.233	76	104986	1.47	ug/L		100
15) Methyl Acetate	2.368	43	4376	0.51	ug/L	#	54
19) 1,1-Dichloroethane	3.104	63	124543	2.99	ug/L		97
33) Benzene	5.008	78	33300	0.42	ug/L		100
38) Bromodichloromethane	6.493	83	5074	0.18	ug/L	#	1
40) 4-Methyl-2-pentanone	7.156	43	119750	11.27	ug/L		97
42) Toluene	7.310	91	139399	1.64	ug/L		94
44) trans-1,3-Dichloropropene	7.551	75	1962	0.08	ug/L		84
45) 1,1,2-Trichloroethane	7.786	97	2171	0.14	ug/L	#	1
47) Tetrachloroethene	7.902	164	3491	0.22	ug/L		95
48) 2-Hexanone	8.017	43	28285	3.61	ug/L	#	63
49) Dibromochloromethane	7.898	129	3535	0.20	ug/L	#	11
52) Ethylbenzene	8.947	91	15703	0.17	ug/L		94
53) m,p-Xylene	9.072	106	14711	0.44	ug/L		95
54) o-Xylene	9.474	106	8725	0.27	ug/L		98
61) 1,2,3-Trichloropropane	11.178	75	17497	1.34	ug/L	#	68
62) 1,3,5-Trimethylbenzene	10.471	105	16742	0.25	ug/L		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020725\
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Sample : Q1334-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 12 13:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 12 13:18:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.847	105	10597	0.16	ug/L	96
71) Naphthalene	13.429	128	718765	21.71	ug/L	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020725\
Data File : VV038654.D
Acq On : 07 Feb 2025 18:39
Operator : SY/MD
Sample : Q1334-13
Misc : 25.0mL/MSVOA_V/WATER
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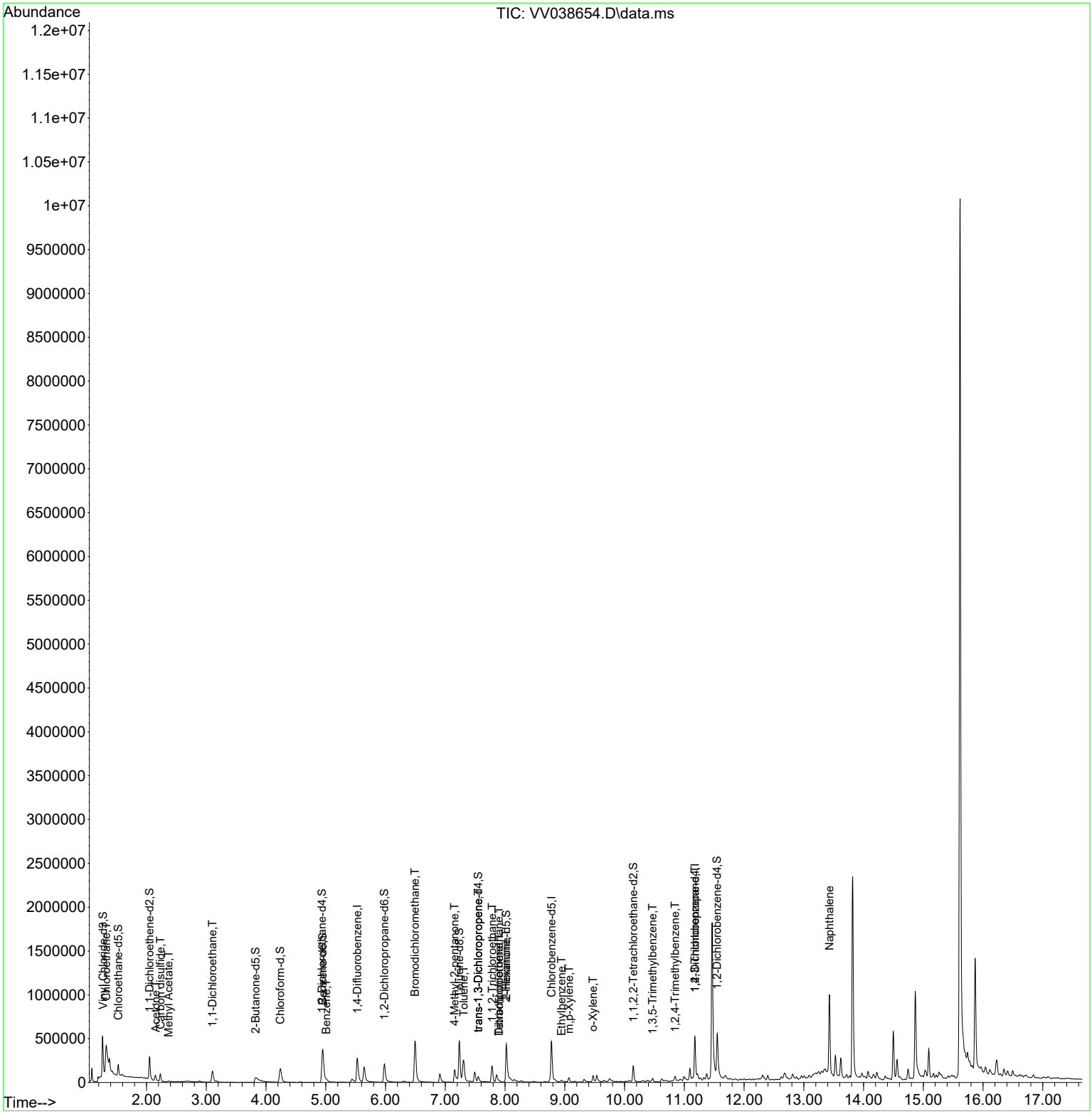
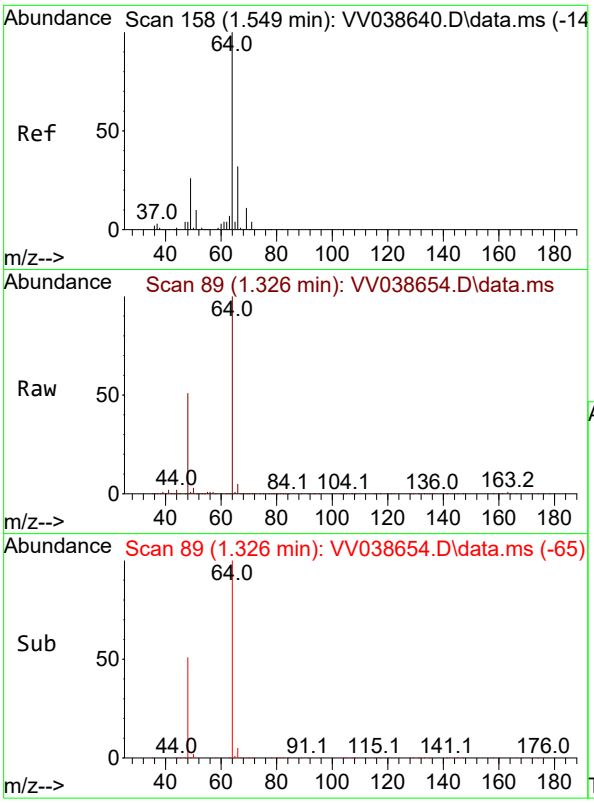
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 12 13:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 12 13:18:31 2025
Response via : Initial Calibration



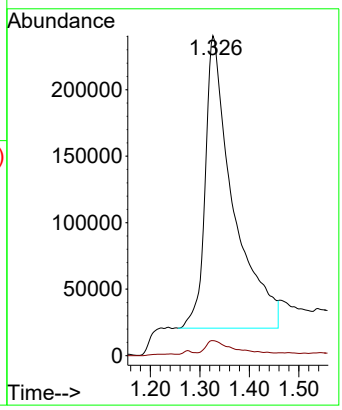


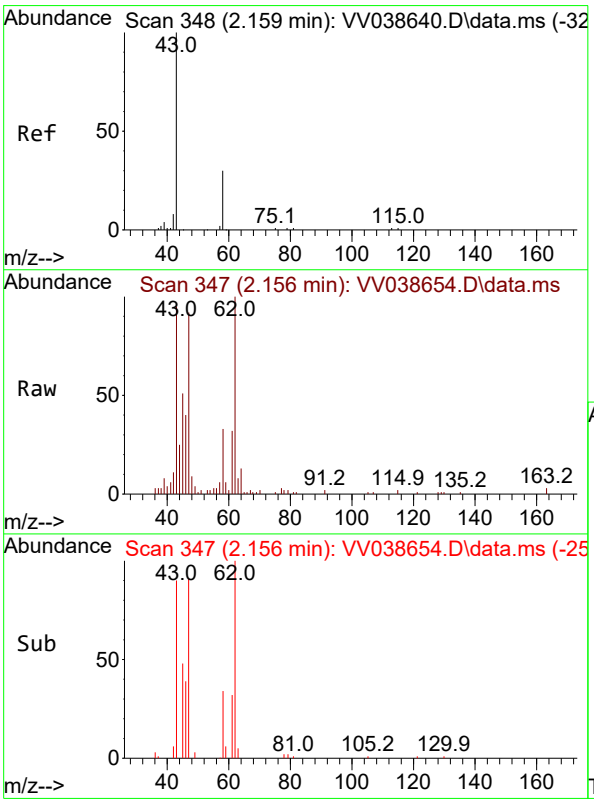
#8
Chloroethane
Concen: 46.02 ug/L
RT: 1.326 min Scan# 8
Delta R.T. -0.222 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 855288

Ion	Ratio	Lower	Upper
64	100		
66	4.7	20.9	38.7#

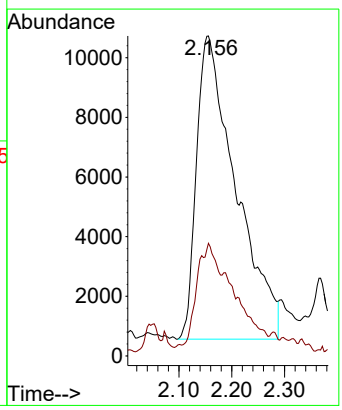


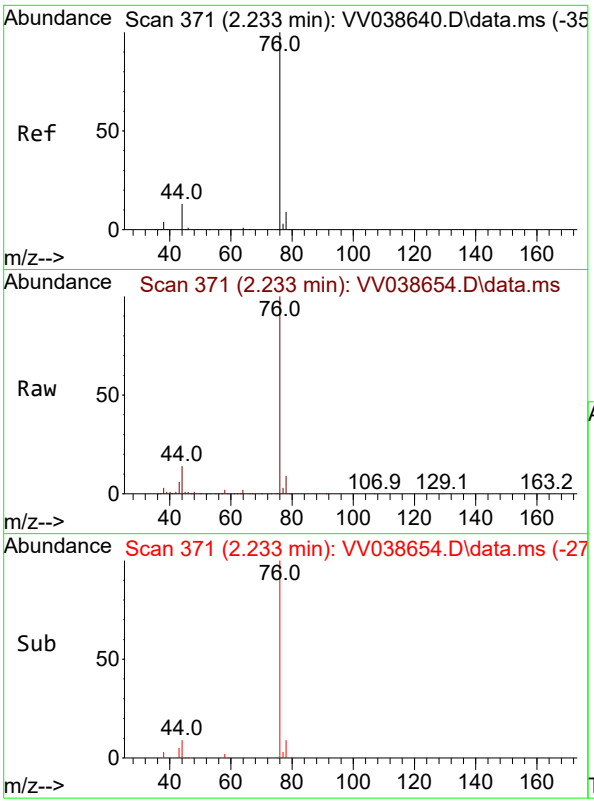


#13
Acetone
Concen: 15.67 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.004 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion: 43 Resp: 52535

Ion	Ratio	Lower	Upper
43	100		
58	19.0	0.0	67.4



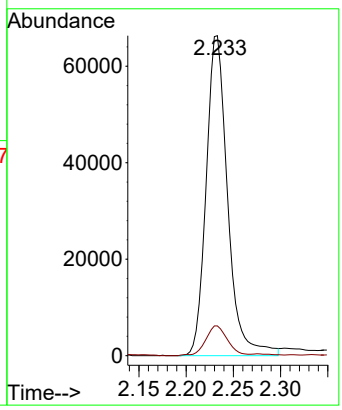


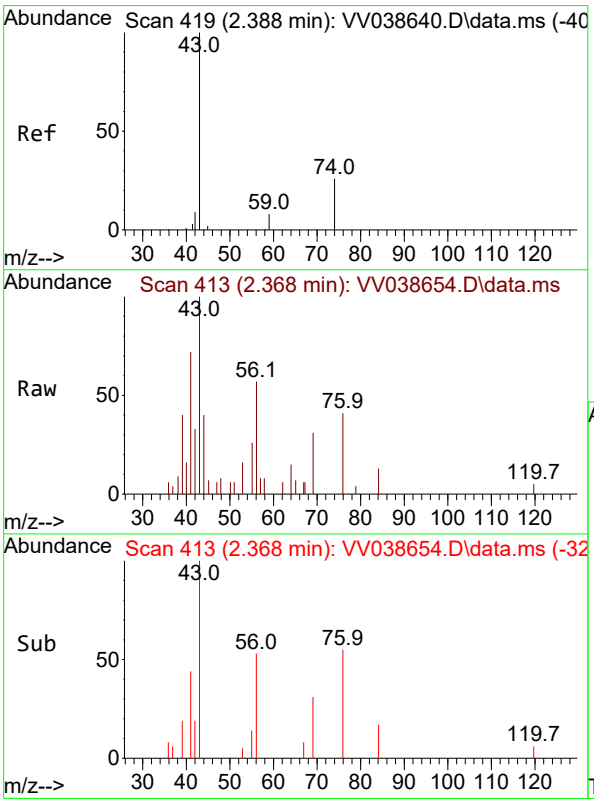
#14
Carbon disulfide
Concen: 1.47 ug/L
RT: 2.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 104986

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

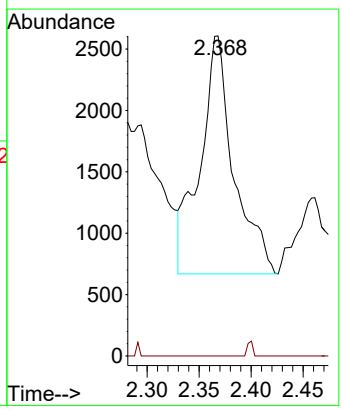


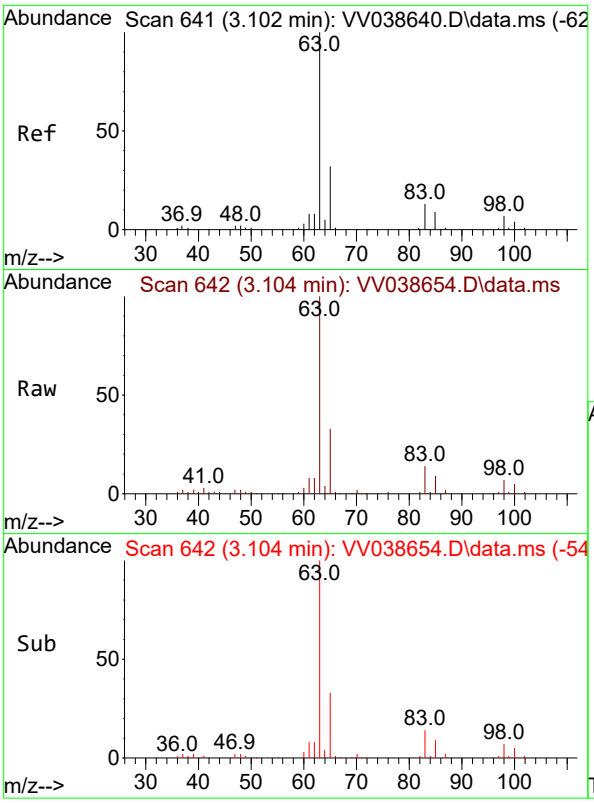


#15
Methyl Acetate
Concen: 0.51 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.020 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion: 43 Resp: 4376

Ion	Ratio	Lower	Upper
43	100		
74	1.0	18.6	27.8#



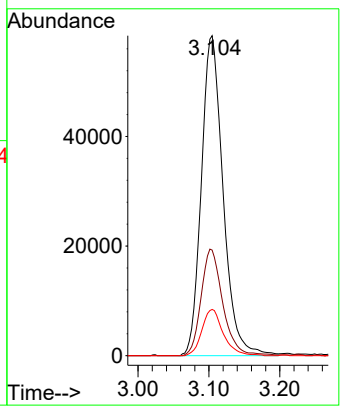


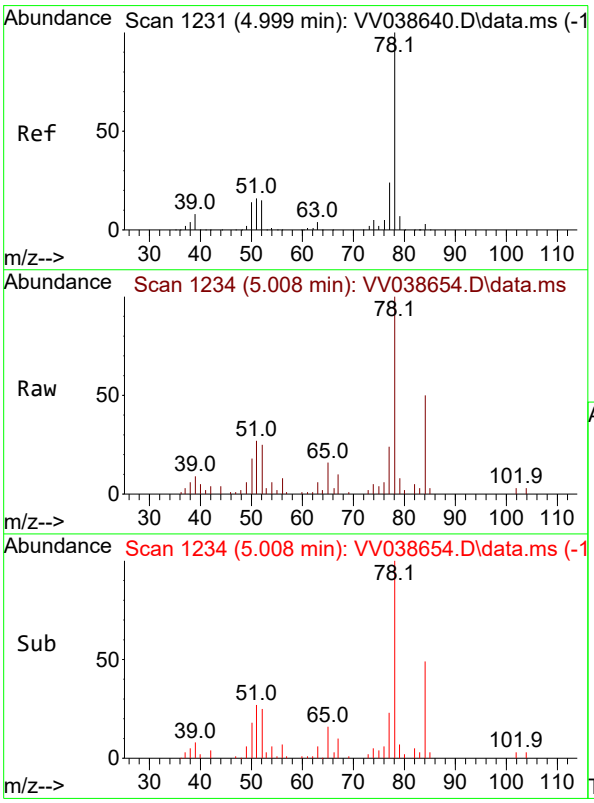
#19
1,1-Dichloroethane
Concen: 2.99 ug/L
RT: 3.104 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 124543

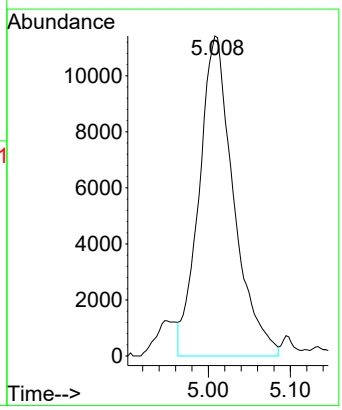
Ion	Ratio	Lower	Upper
63	100		
65	33.0	21.8	40.4
83	14.4	9.2	17.2

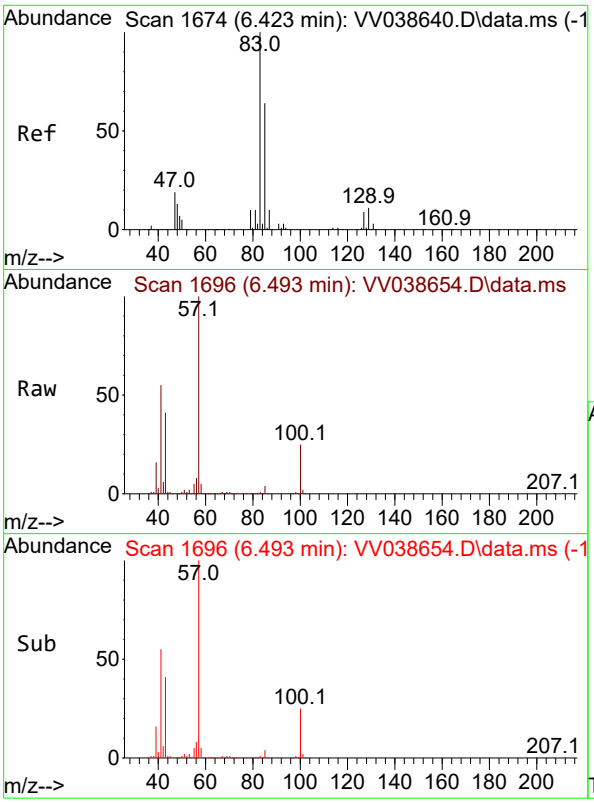




#33
Benzene
Concen: 0.42 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.009 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion: 78 Resp: 33300



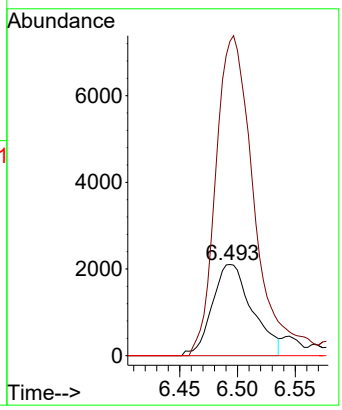


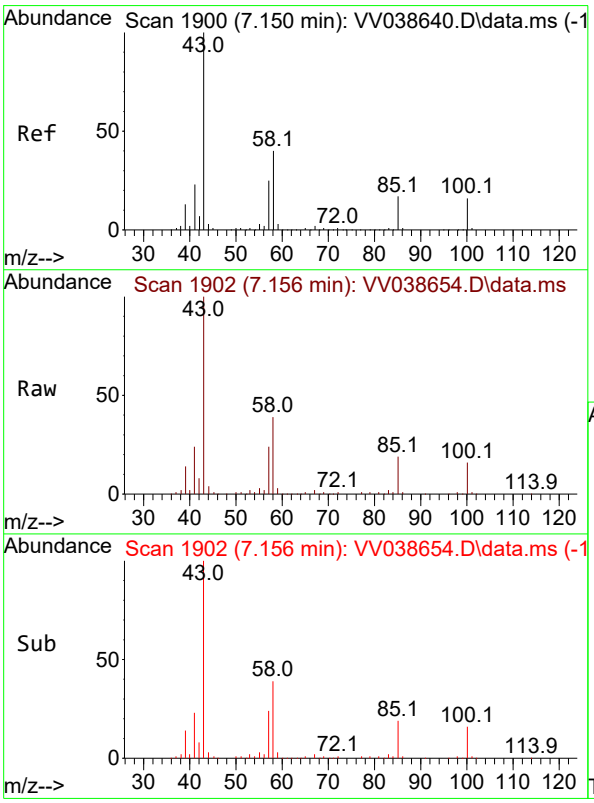
#38
Bromodichloromethane
Concen: 0.18 ug/L
RT: 6.493 min Scan# 1
Delta R.T. 0.070 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 5074

Ion	Ratio	Lower	Upper
83	100		
85	344.5	44.0	81.6#
127	0.0	6.2	9.4#

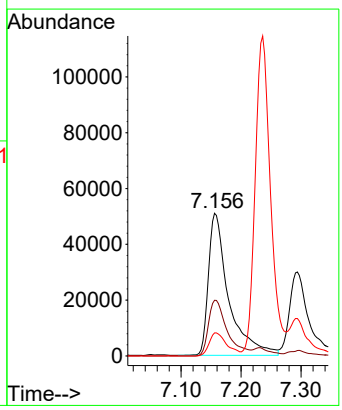


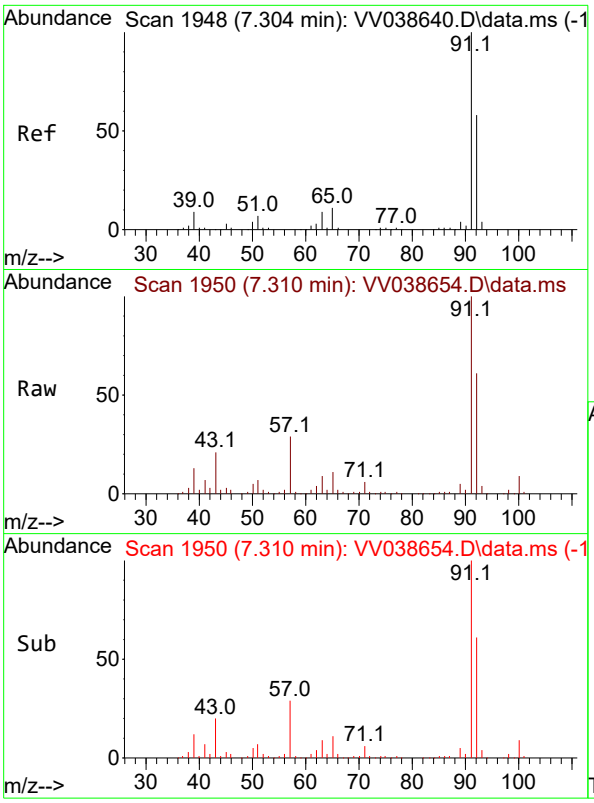


#40
4-Methyl-2-pentanone
Concen: 11.27 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion: 43 Resp: 119750

Ion	Ratio	Lower	Upper
43	100		
58	36.5	31.1	46.7
100	14.5	12.0	18.0



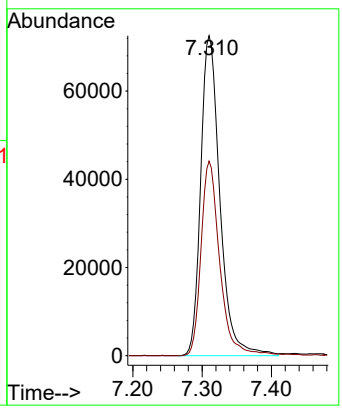


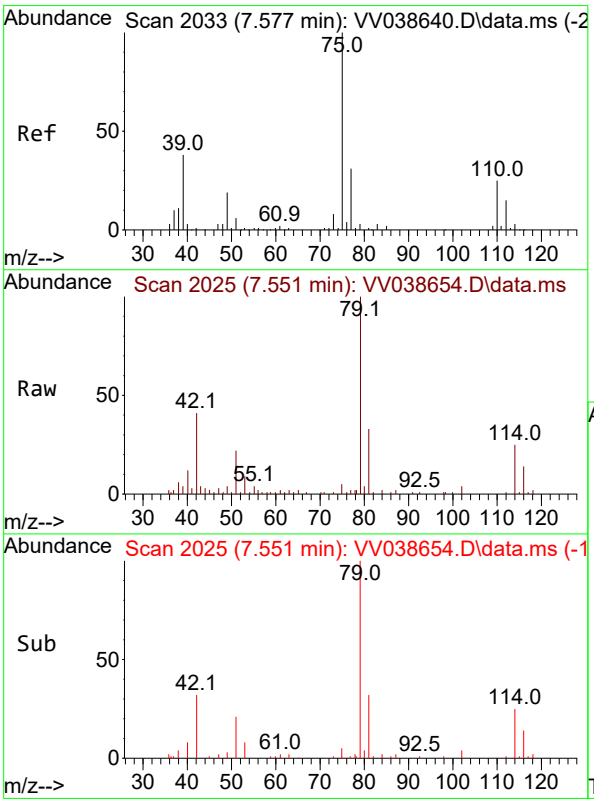
#42
Toluene
Concen: 1.64 ug/L
RT: 7.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 139399

Ion	Ratio	Lower	Upper
91	100		
92	60.8	39.3	72.9

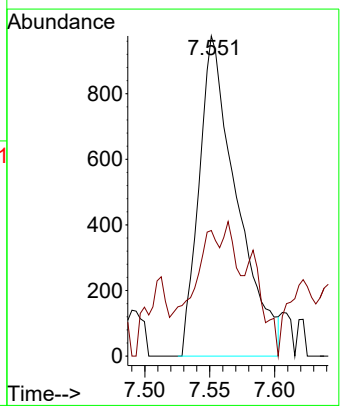


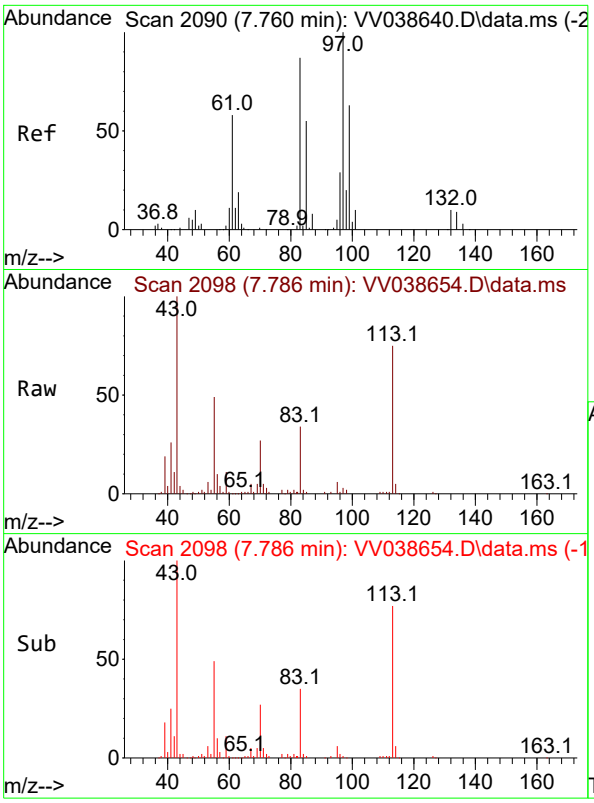


#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.551 min Scan# 2025
Delta R.T. -0.026 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion: 75 Resp: 1962

Ion	Ratio	Lower	Upper
75	100		
77	39.2	21.4	39.8



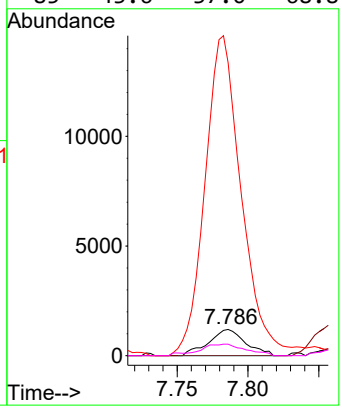


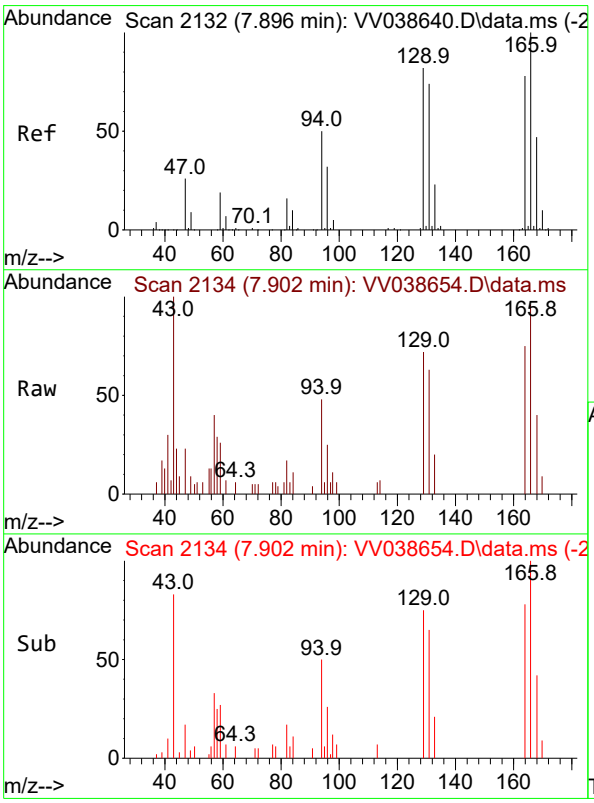
#45
1,1,2-Trichloroethane
Concen: 0.14 ug/L
RT: 7.786 min Scan# 2
Delta R.T. 0.025 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 2171

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.7	79.3#
83	1114.3	57.2	106.2#
85	43.6	37.0	68.8

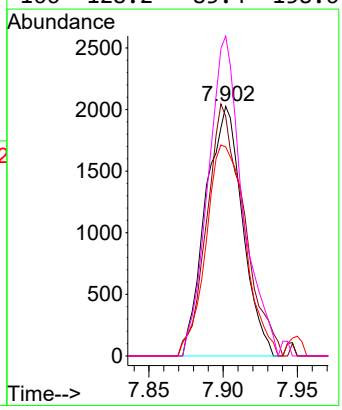


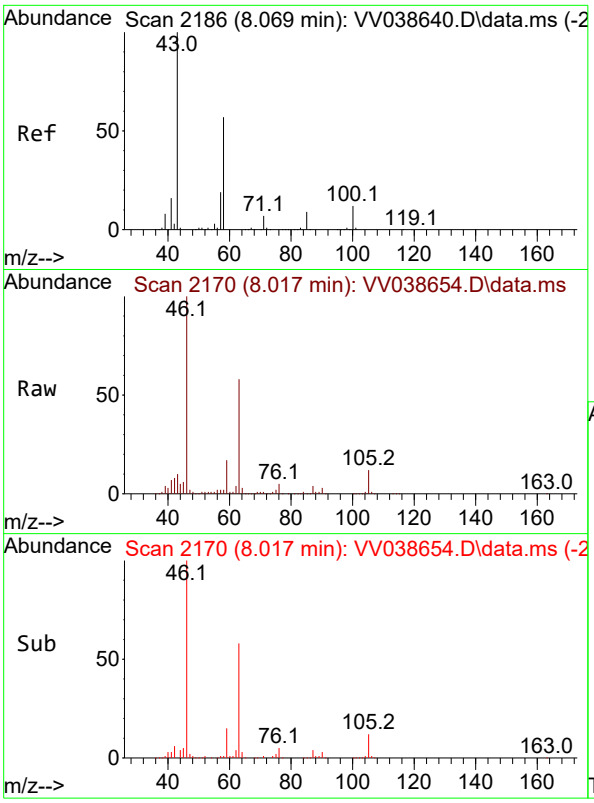


#47
Tetrachloroethene
Concen: 0.22 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion:164 Resp: 3491

Ion	Ratio	Lower	Upper
164	100		
129	96.0	66.3	123.1
131	83.7	63.2	117.4
166	128.2	85.4	158.6



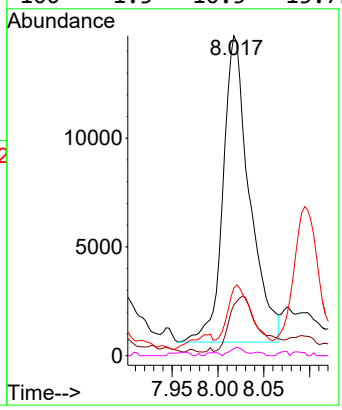


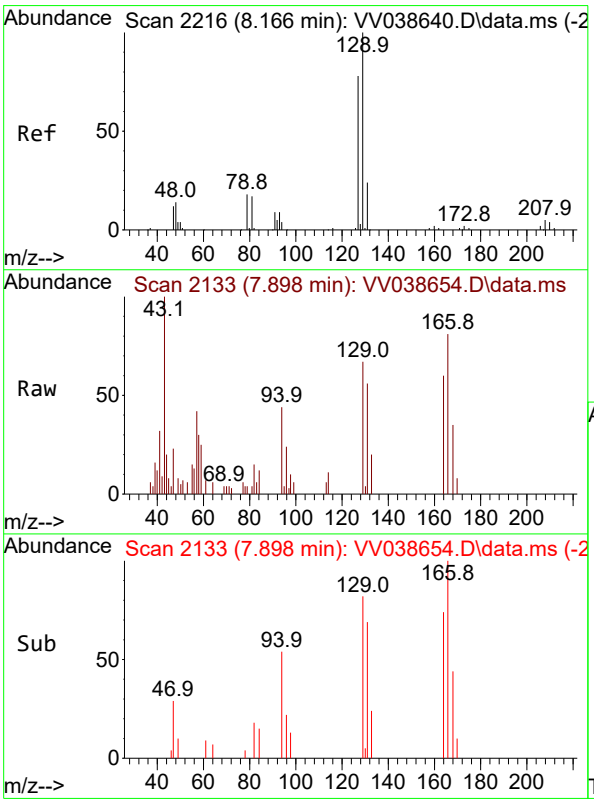
#48
2-Hexanone
Concen: 3.61 ug/L
RT: 8.017 min Scan# 2
Delta R.T. -0.052 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 28285

Ion	Ratio	Lower	Upper
43	100		
58	19.5	46.1	69.1#
57	18.7	15.0	22.6
100	1.5	10.5	15.7#

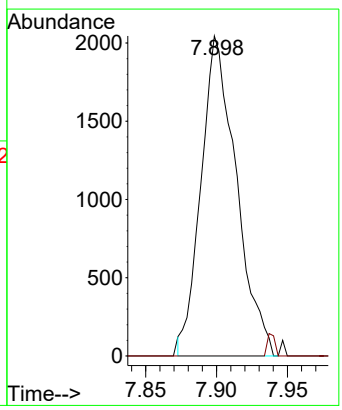


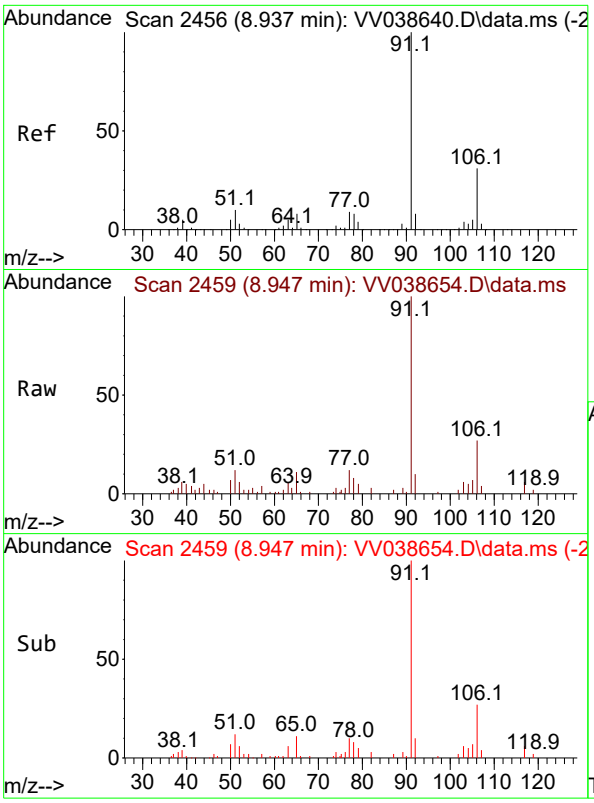


#49
Dibromochloromethane
Concen: 0.20 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.267 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion:129 Resp: 3535

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#



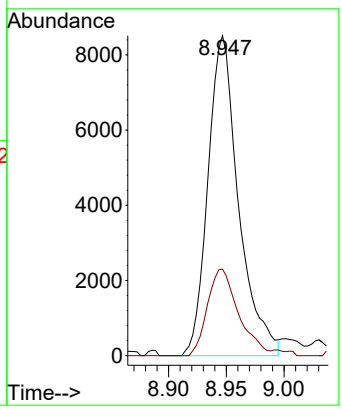


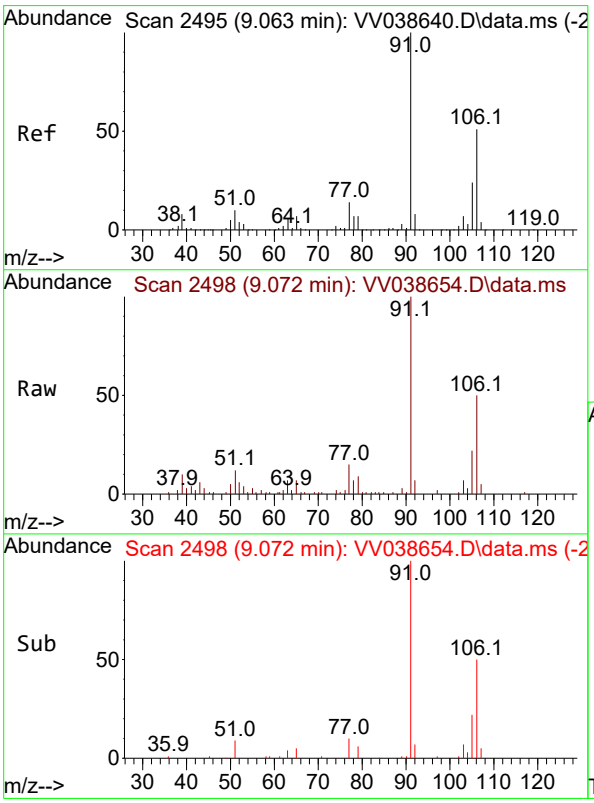
#52
Ethylbenzene
Concen: 0.17 ug/L
RT: 8.947 min Scan# 24
Delta R.T. 0.009 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 15703

Ion	Ratio	Lower	Upper
91	100		
106	27.1	21.3	39.6

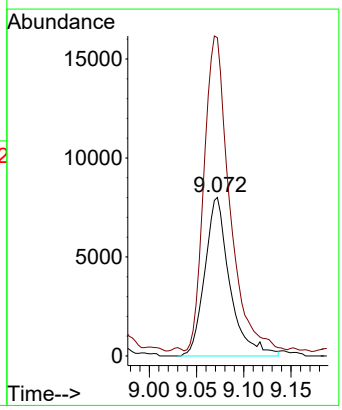


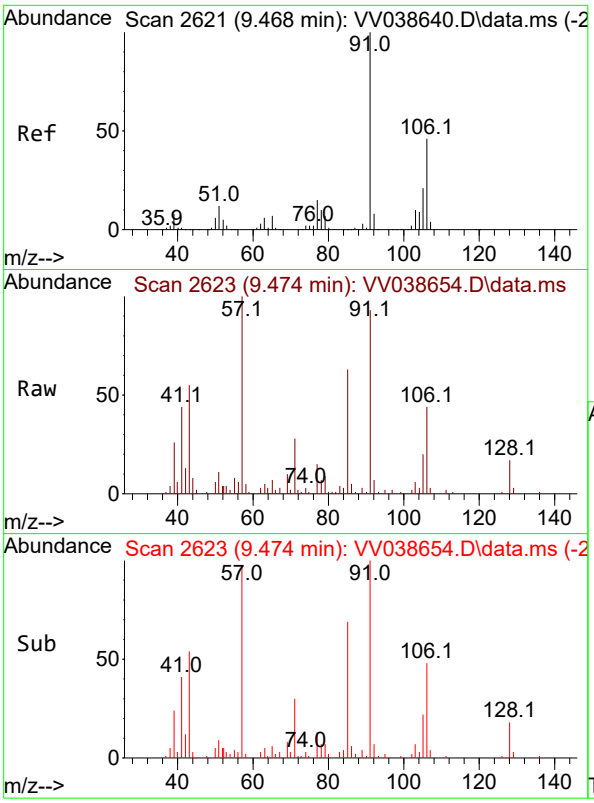


#53
m,p-Xylene
Concen: 0.44 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.009 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion:106 Resp: 14711

Ion	Ratio	Lower	Upper
106	100		
91	200.7	146.3	271.7



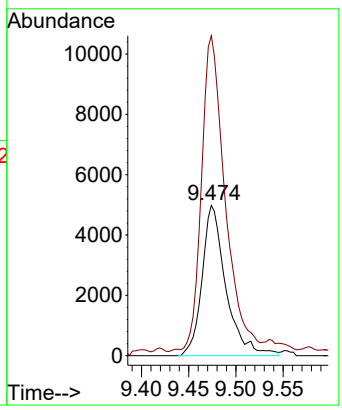


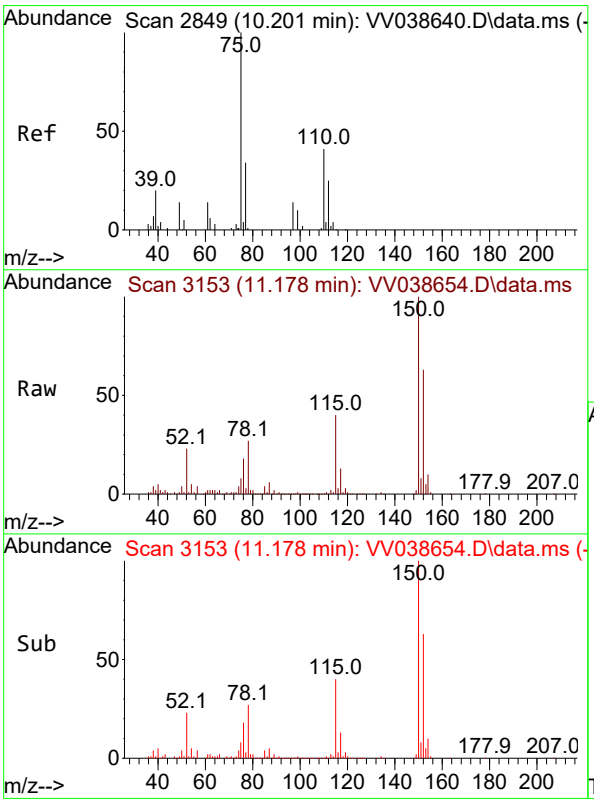
#54
o-Xylene
Concen: 0.27 ug/L
RT: 9.474 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 8725

Ion	Ratio	Lower	Upper
106	100		
91	212.9	150.8	280.0

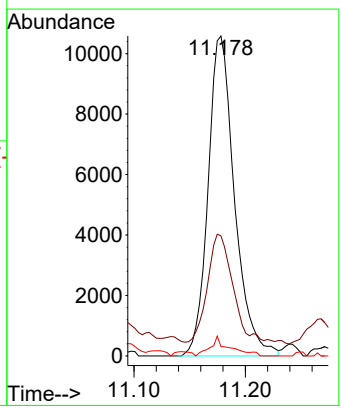


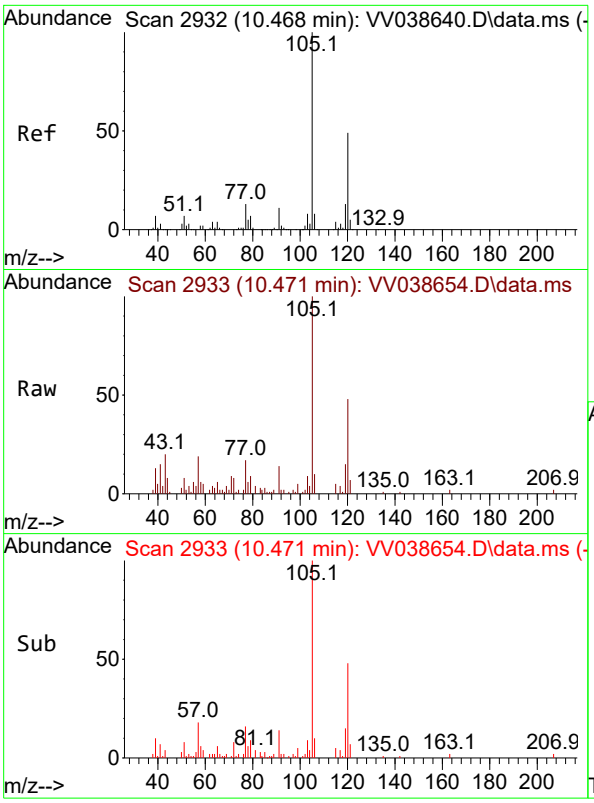


#61
1,2,3-Trichloropropane
Concen: 1.34 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.977 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion: 75 Resp: 17497

Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.5	38.3
110	4.4	30.9	46.3#



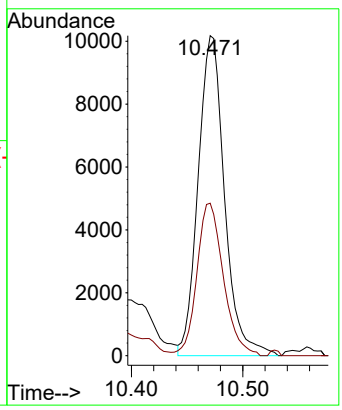


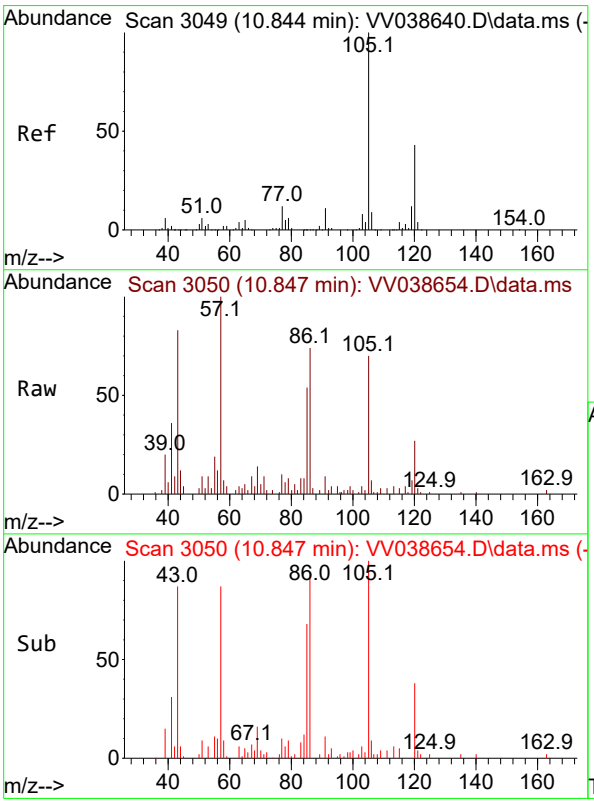
#62
1,3,5-Trimethylbenzene
Concen: 0.25 ug/L
RT: 10.471 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 16742

Ion	Ratio	Lower	Upper
105	100		
120	47.8	38.3	57.5

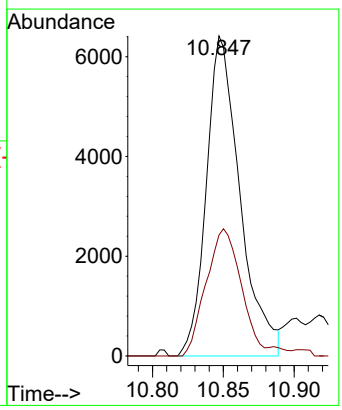


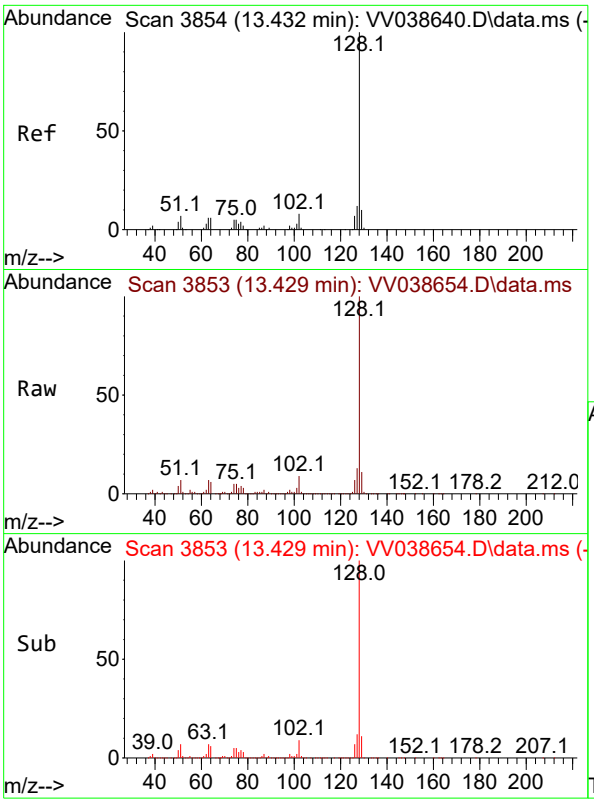


#63
1,2,4-Trimethylbenzene
Concen: 0.16 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Tgt Ion:105 Resp: 10597

Ion	Ratio	Lower	Upper
105	100		
120	42.8	36.2	54.2





#71
Naphthalene
Concen: 21.71 ug/L
RT: 13.429 min Scan# 3
Delta R.T. -0.004 min
Lab File: VV038654.D
Acq: 07 Feb 2025 18:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 718765

Ion	Ratio	Lower	Upper
128	100		
129	11.1	7.6	11.4
127	12.3	10.9	16.3