Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Quant Time: Jun 16 02:48:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 02:44:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	162063	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	163817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	83844	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	45165	41.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.740%			
7) Chloroethane-d5	1.535	69	42224	44.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.740%			
11) 1,1-Dichloroethene-d2	2.063	65	23891	42.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.960%			
21) 2-Butanone-d5	3.802	46	105231	120.490	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.490%			
24) Chloroform-d	4.259	84	120719	44.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.380%			
26) 1,2-Dichloroethane-d4	4.950	65	82431	48.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.540%			
32) Benzene-d6	4.969	84	211703	45.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.820%			
36) 1,2-Dichloropropane-d6	5.995	67	78066	47.767	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.540%			
41) Toluene-d8	7.252	98	176669	41.752	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.500%			
43) trans-1,3-Dichloroprop...	7.561	79	35329	44.343	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.680%			
47) 2-Hexanone-d5	8.034	63	72727	112.706	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.710%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121676	49.325	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.640%			
66) 1,2-Dichlorobenzene-d4	11.567	152	79842	49.957	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.920%			
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	88962	55.326	ug/L	98
8) Chloroethane	1.551	64	5915	5.695	ug/L	99
12) 1,1-Dichloroethene	2.076	96	5267	4.392	ug/L #	1
17) trans-1,2-Dichloroethene	2.703	96	3074	2.456	ug/L	96
19) 1,1-Dichloroethane	3.121	63	268236	99.290	ug/L	100
20) cis-1,2-Dichloroethene	3.821	96	427857	316.295	ug/L	100
25) Chloroform	4.288	83	5148	1.833	ug/L	95
27) 1,2-Dichloroethane	5.059	62	2105	0.971	ug/L #	89
30) 1,1,1-Trichloroethane	4.522	97	134359	51.156	ug/L	100
31) Carbon tetrachloride	4.522	117	16071	6.906	ug/L	99
34) Trichloroethene	5.841	95	18030	12.371	ug/L	88
35) Methylcyclohexane	6.053	83	2270	1.057	ug/L	95
39) cis-1,3-Dichloropropene	6.921	75	1952	0.821	ug/L #	37
42) Toluene	7.329	91	7703	1.362	ug/L	92
46) Tetrachloroethene	7.911	164	31477	27.518	ug/L	95
52) Ethylbenzene	8.960	91	4081	0.647	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	11377	2.575	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	18767	4.559	ug/L	99
71) Naphthalene	13.451	128	8380	1.848	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Quant Time: Jun 16 02:48:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 02:44:48 2023
Response via : Initial Calibration

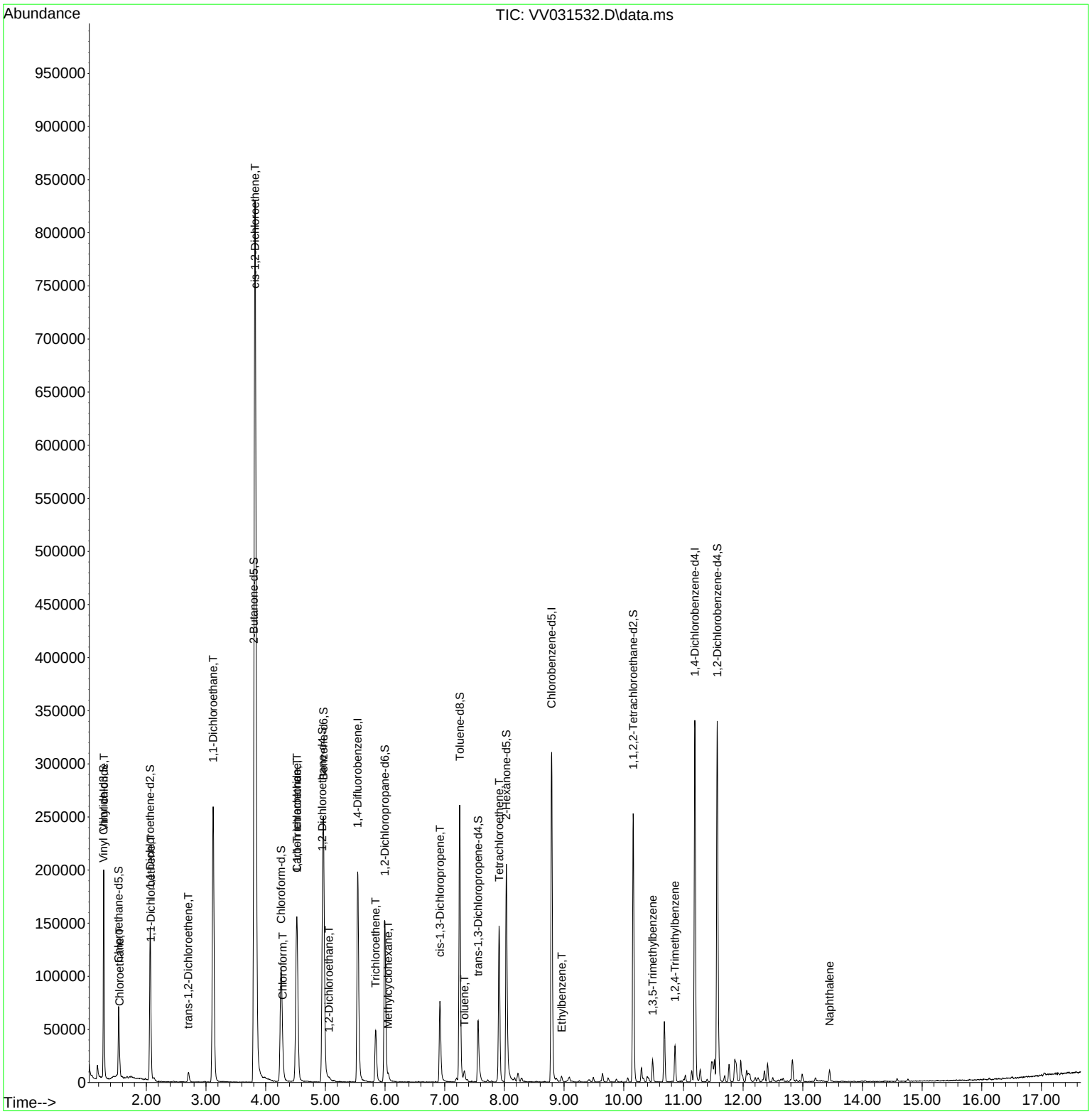
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

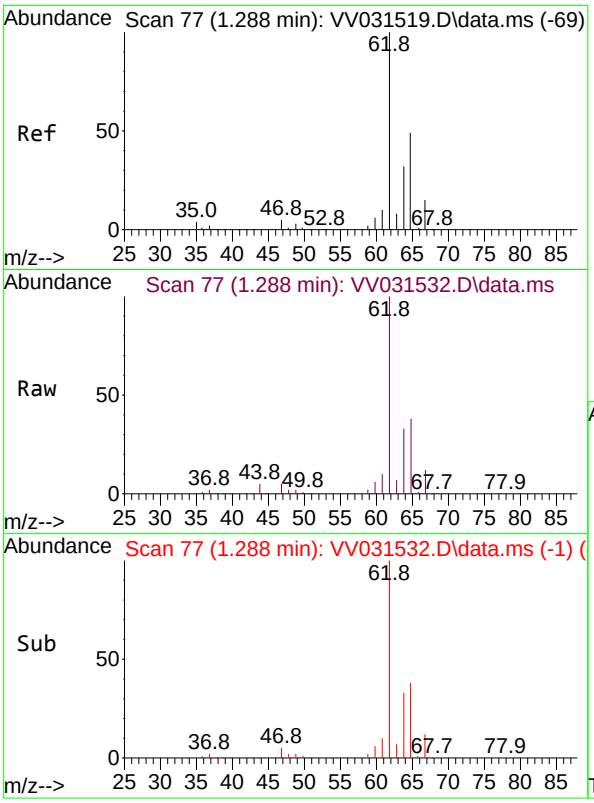
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Quant Time: Jun 16 02:48:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 02:44:48 2023
Response via : Initial Calibration



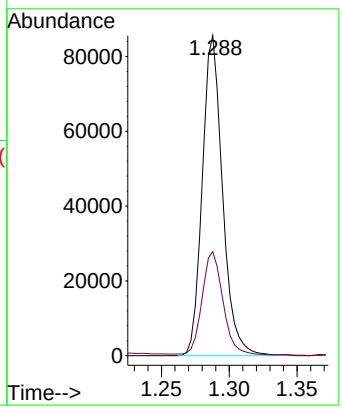


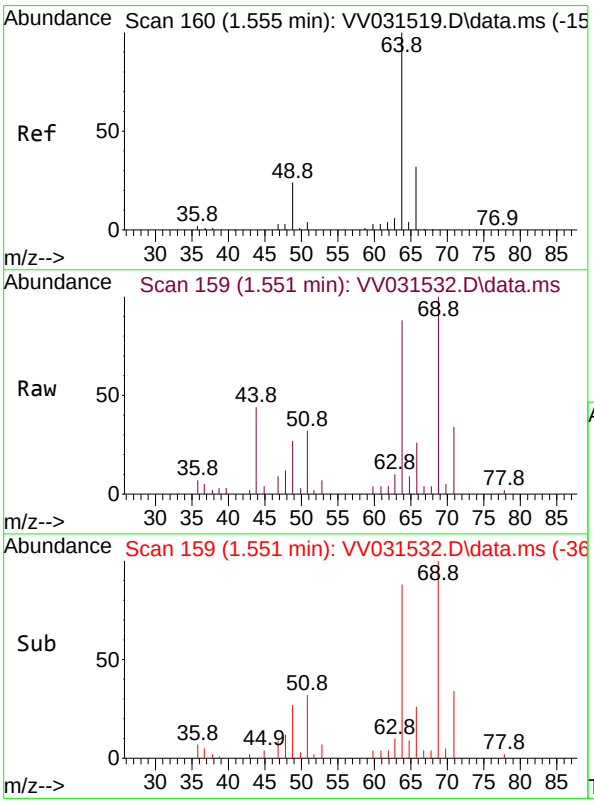
#5
Vinyl chloride
Concen: 55.326 ug/L
RT: 1.288 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion: 62 Resp: 88962

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.4	43.4

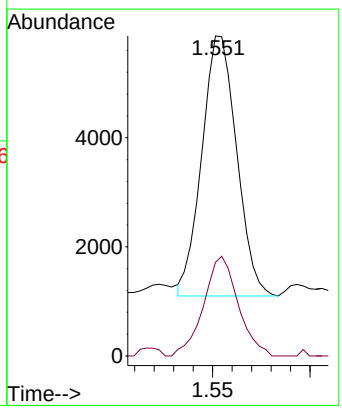


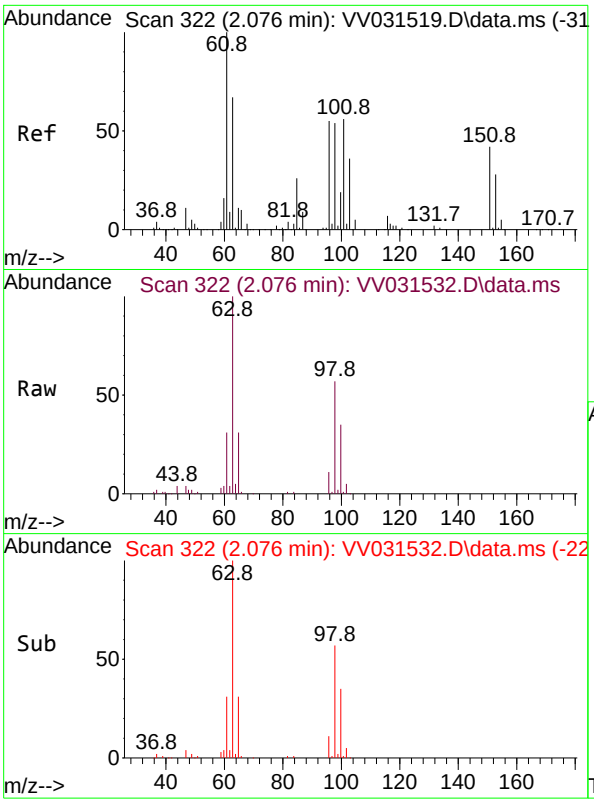


#8
Chloroethane
Concen: 5.695 ug/L
RT: 1.551 min Scan# 159
Delta R.T. -0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion: 64 Resp: 5915

Ion	Ratio	Lower	Upper
64	100		
66	29.2	21.0	39.0



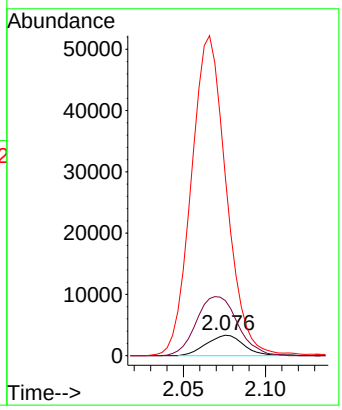


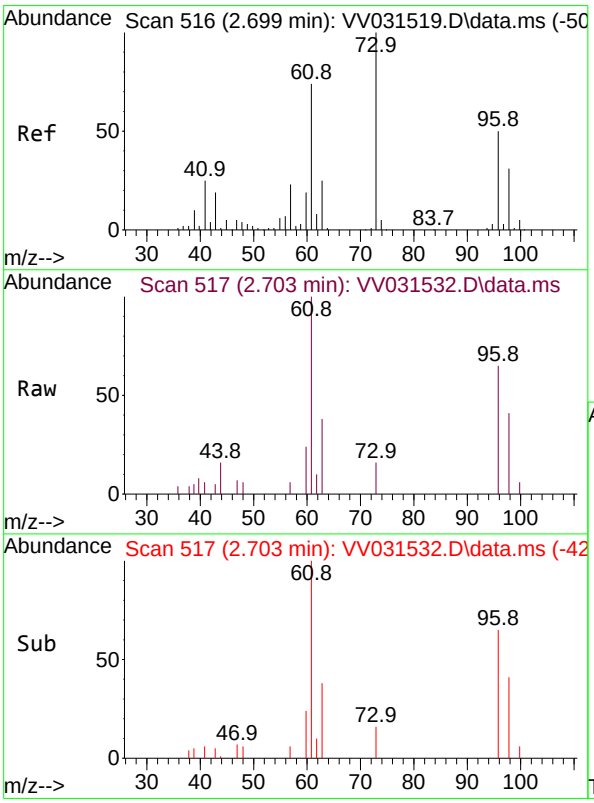
#12
1,1-Dichloroethene
Concen: 4.392 ug/L
RT: 2.076 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion: 96 Resp: 5267

Ion	Ratio	Lower	Upper
96	100		
61	269.5	128.9	239.5#
63	871.7	95.3	177.1#

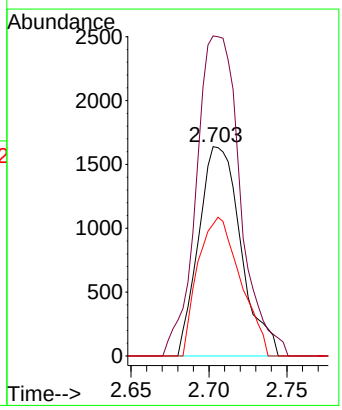


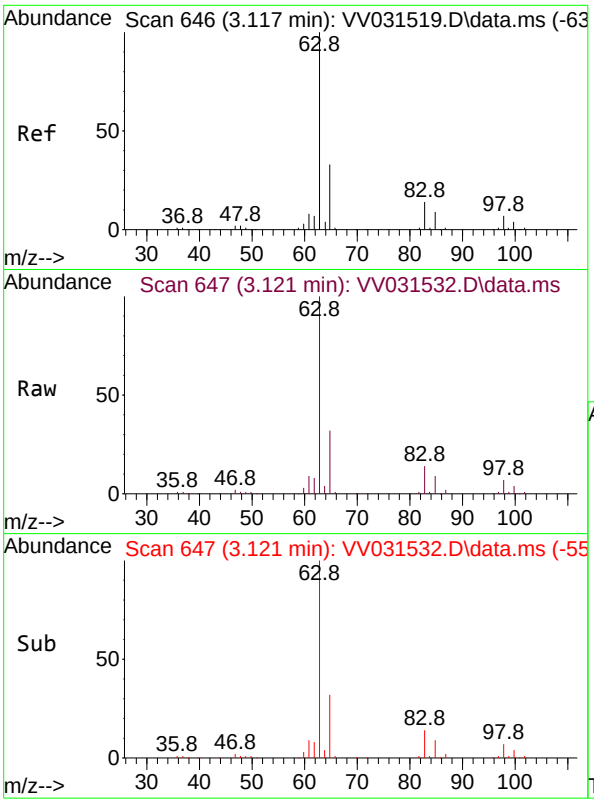


#17
trans-1,2-Dichloroethene
Concen: 2.456 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion: 96 Resp: 3074

Ion	Ratio	Lower	Upper
96	100		
61	152.9	102.5	190.3
98	62.9	44.1	81.9



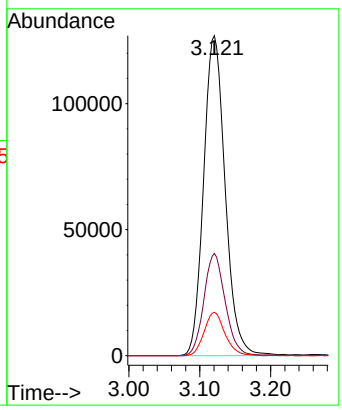


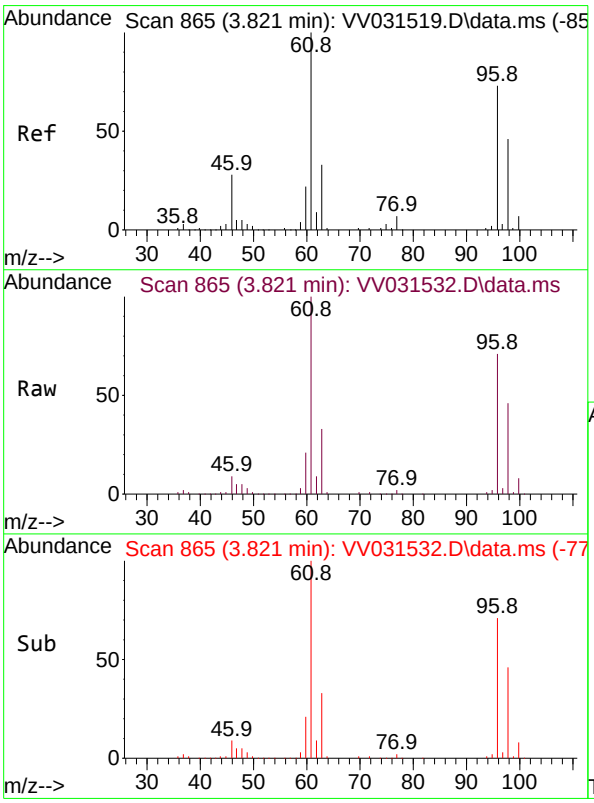
#19
1,1-Dichloroethane
Concen: 99.290 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion: 63 Resp: 268236

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.7
83	14.3	10.0	18.6

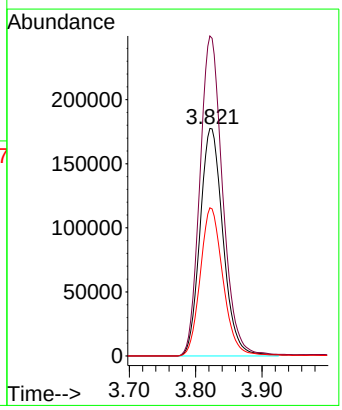


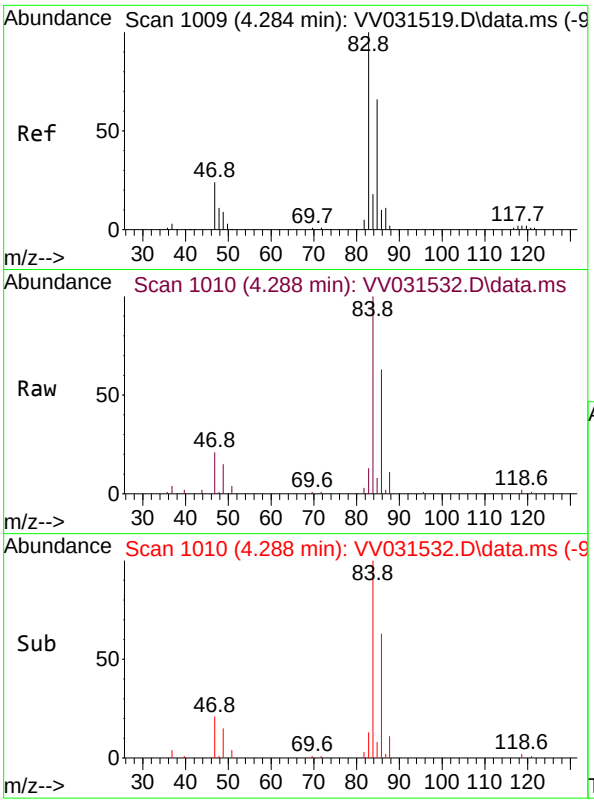


#20
cis-1,2-Dichloroethene
Concen: 316.295 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.000 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion: 96 Resp: 427857

Ion	Ratio	Lower	Upper
96	100		
61	140.7	98.6	183.0
98	65.1	45.7	84.9



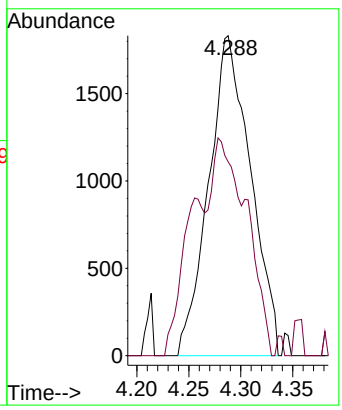


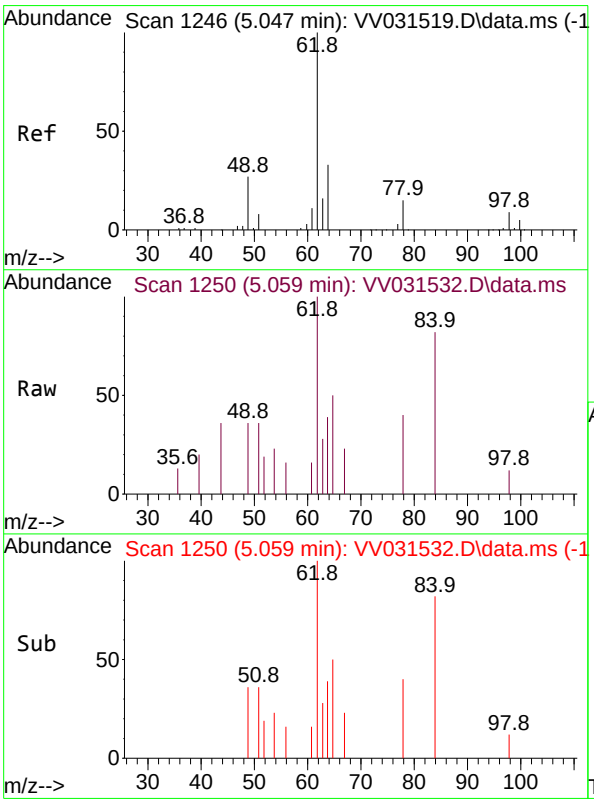
#25
Chloroform
Concen: 1.833 ug/L
RT: 4.288 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion: 83 Resp: 5148

Ion	Ratio	Lower	Upper
83	100		
85	60.6	45.3	84.1

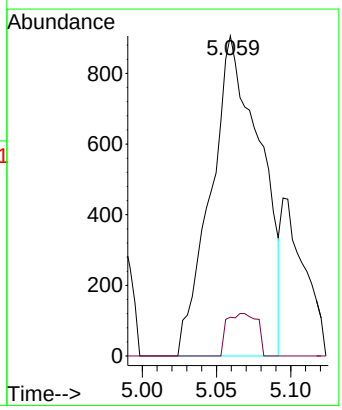


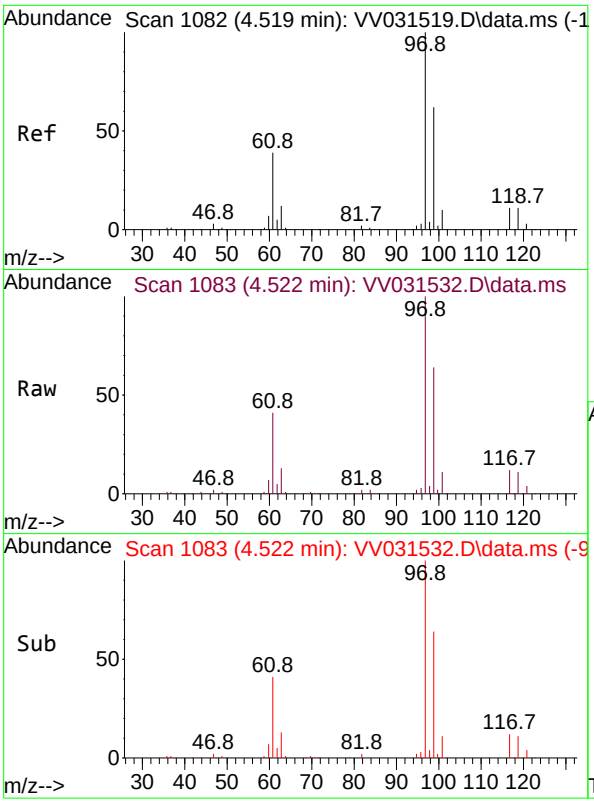


#27
1,2-Dichloroethane
Concen: 0.971 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. 0.013 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion: 62 Resp: 2105

Ion	Ratio	Lower	Upper
62	100		
98	12.1	6.6	9.8#



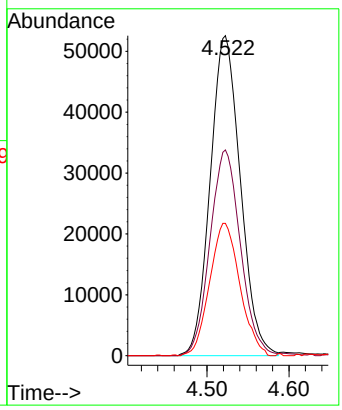


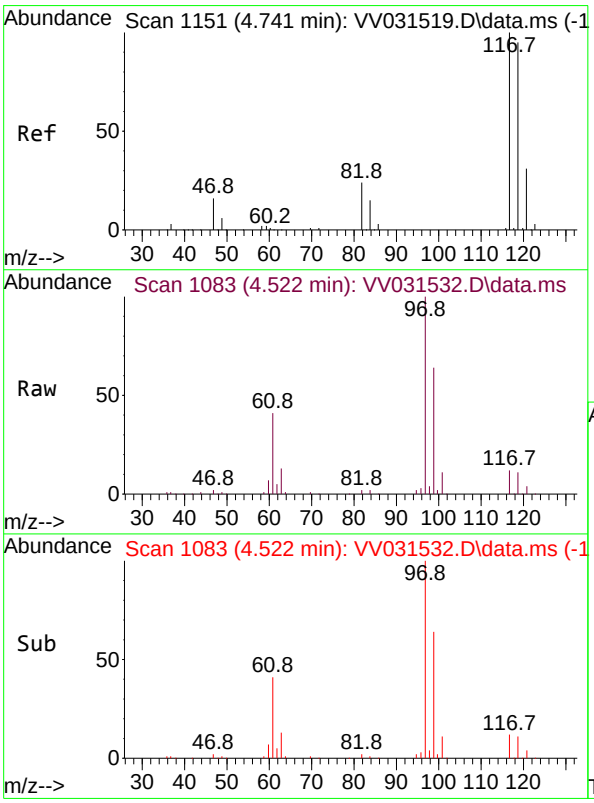
#30
1,1,1-Trichloroethane
Concen: 51.156 ug/L
RT: 4.522 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion: 97 Resp: 134359

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.6
61	41.5	33.0	49.6

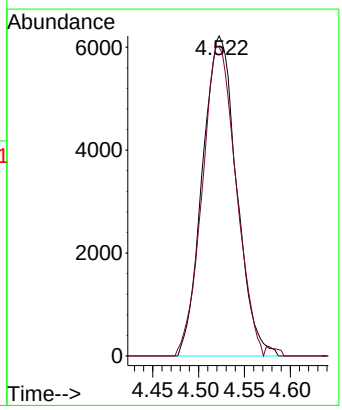


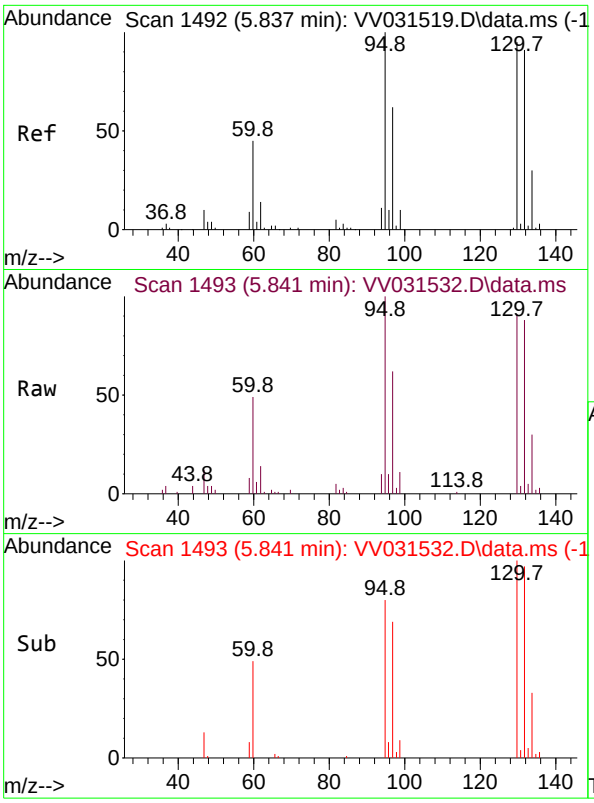


#31
Carbon tetrachloride
Concen: 6.906 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.219 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion:117 Resp: 16071

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.2	114.4



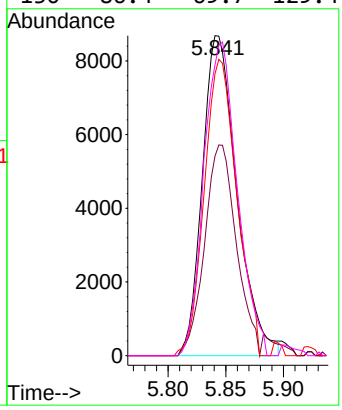


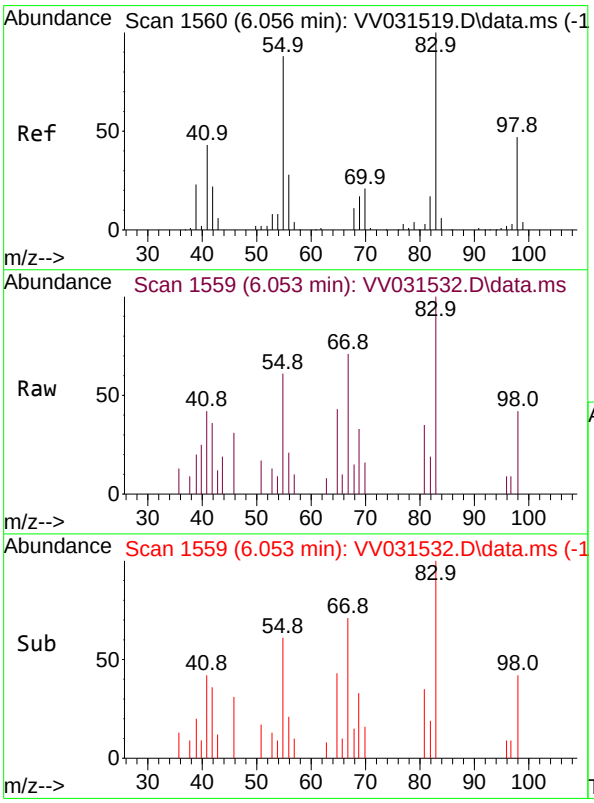
#34
Trichloroethene
Concen: 12.371 ug/L
RT: 5.841 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion: 95 Resp: 18030

Ion	Ratio	Lower	Upper
95	100		
97	56.8	46.8	86.8
132	84.6	66.4	123.2
130	86.4	69.7	129.4

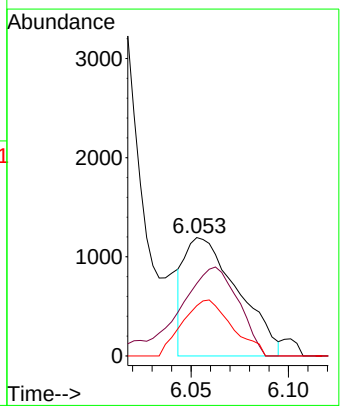


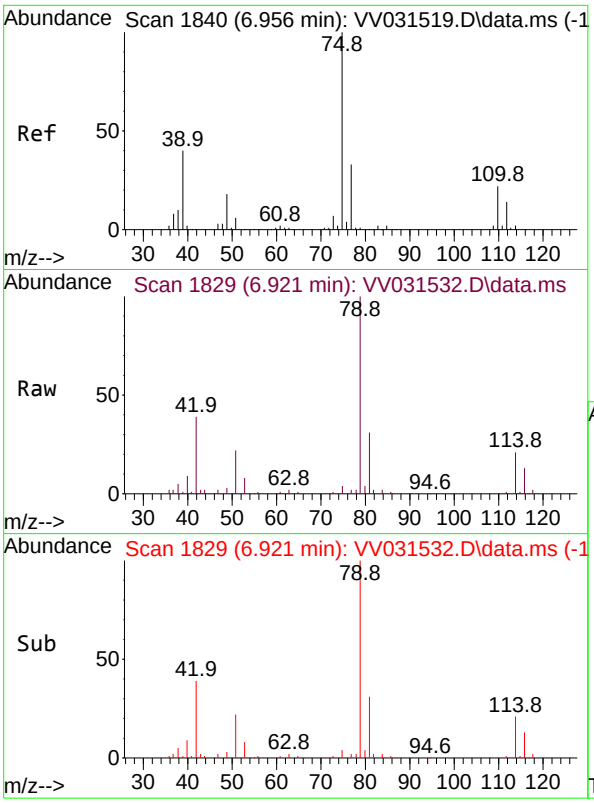


#35
Methylcyclohexane
Concen: 1.057 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion: 83 Resp: 2270

Ion	Ratio	Lower	Upper
83	100		
55	79.9	68.7	103.1
98	44.0	37.0	55.4



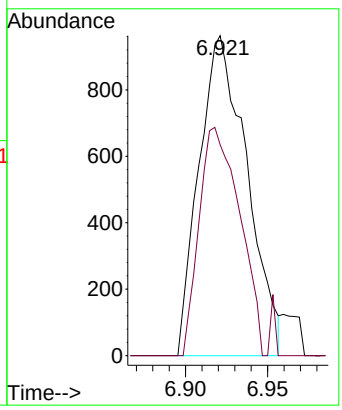


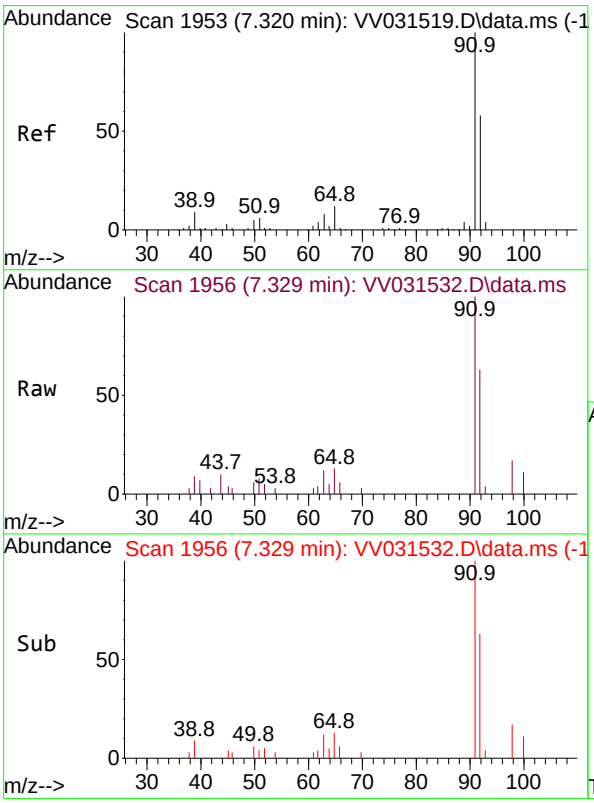
#39
cis-1,3-Dichloropropene
Concen: 0.821 ug/L
RT: 6.921 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion: 75 Resp: 1952

Ion	Ratio	Lower	Upper
75	100		
77	65.9	21.8	40.6#

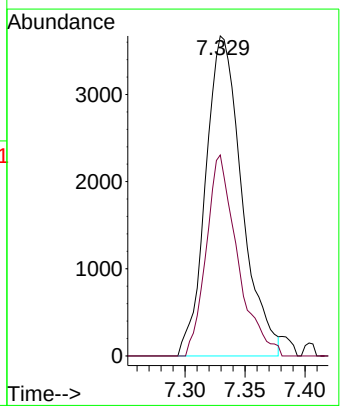


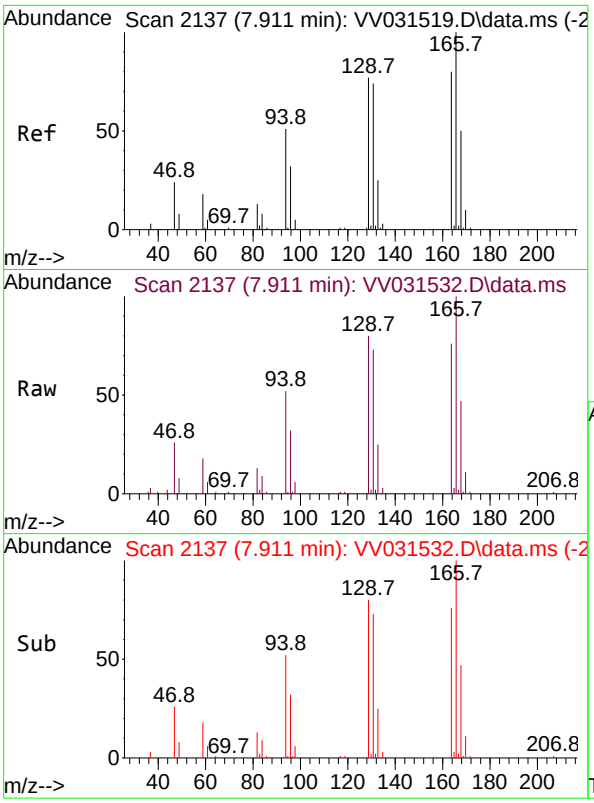


#42
Toluene
Concen: 1.362 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.010 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion: 91 Resp: 7703

Ion	Ratio	Lower	Upper
91	100		
92	62.8	39.6	73.6



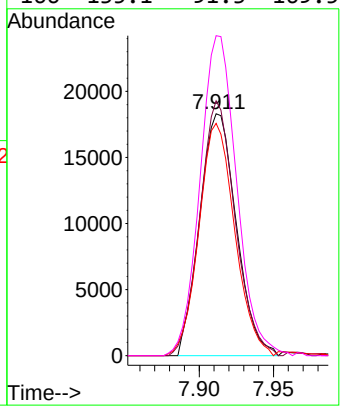


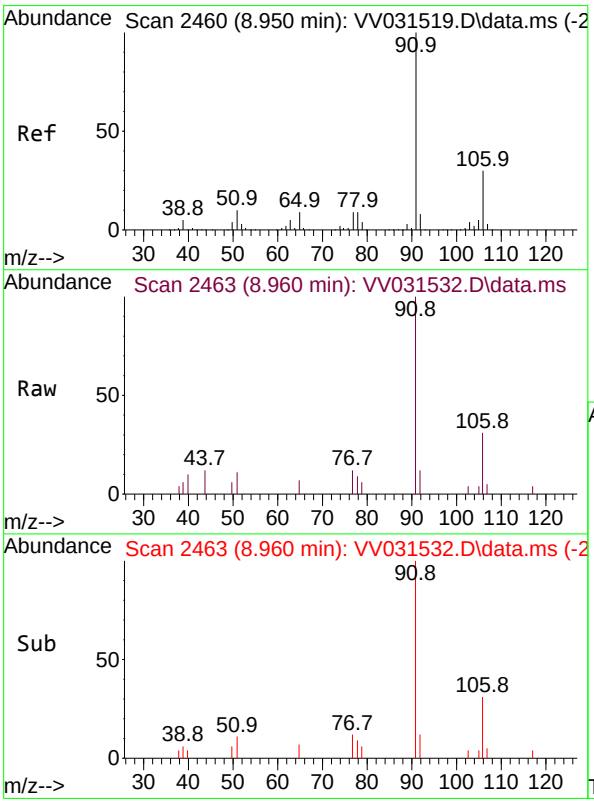
#46
Tetrachloroethene
Concen: 27.518 ug/L
RT: 7.911 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion:164 Resp: 31477

Ion	Ratio	Lower	Upper
164	100		
129	105.3	68.4	127.0
131	98.6	67.6	125.6
166	135.1	91.3	169.5

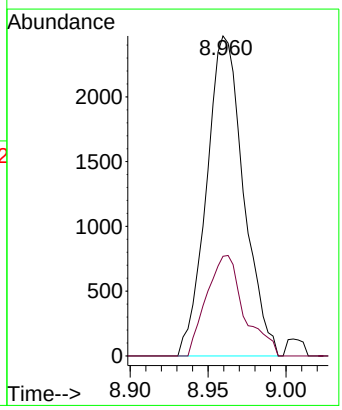


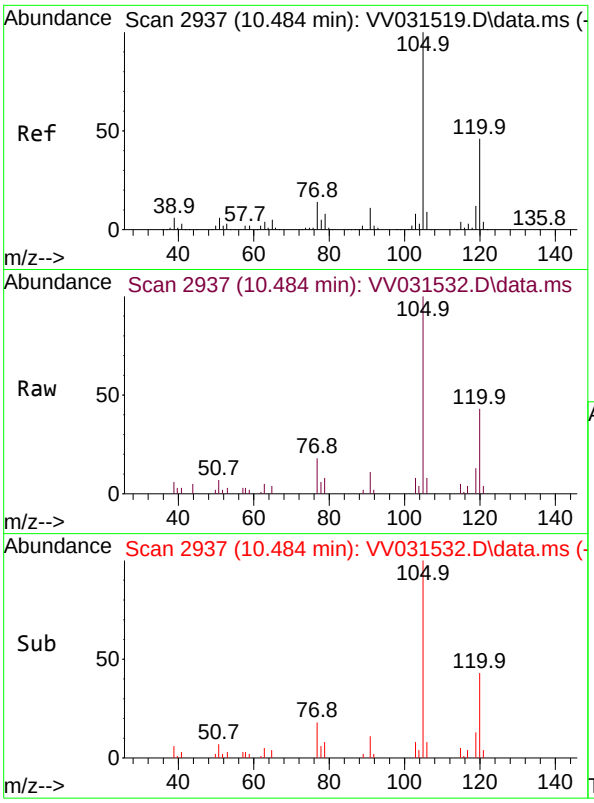


#52
Ethylbenzene
Concen: 0.647 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.010 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion: 91 Resp: 4081

Ion	Ratio	Lower	Upper
91	100		
106	31.1	20.8	38.6



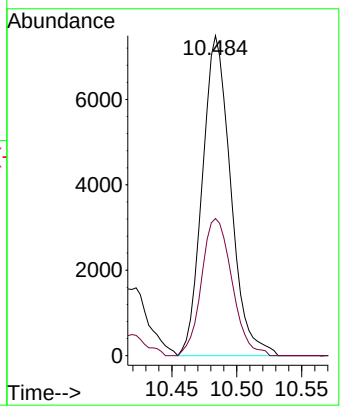


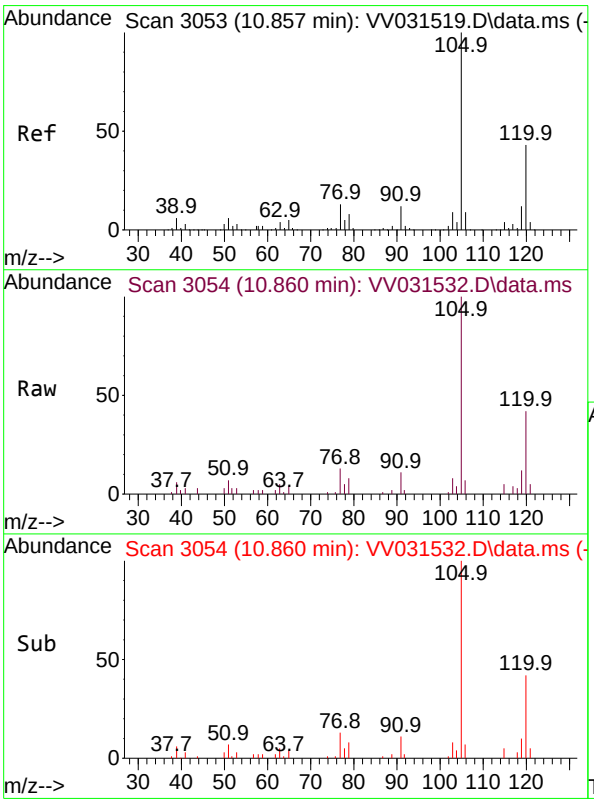
#62
1,3,5-Trimethylbenzene
Concen: 2.575 ug/L
RT: 10.484 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion:105 Resp: 11377

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.2	54.2

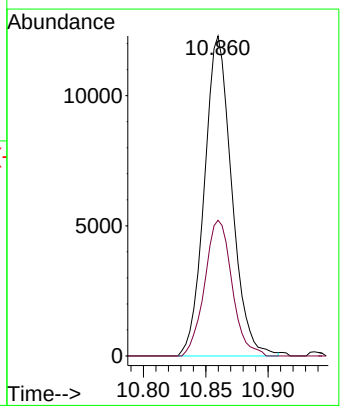


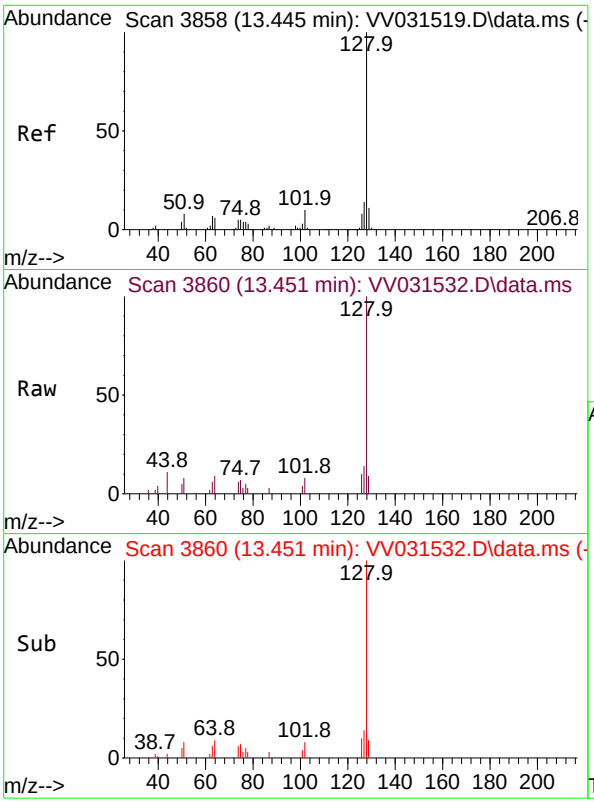


#63
1,2,4-Trimethylbenzene
Concen: 4.559 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Tgt Ion:105 Resp: 18767

Ion	Ratio	Lower	Upper
105	100		
120	42.4	33.4	50.2





#71
Naphthalene
Concen: 1.848 ug/L
RT: 13.451 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV031532.D
Acq: 15 Jun 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

Tgt Ion:128 Resp: 8380

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	16.0
129	9.7	8.6	13.0