Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101022\
Data File : VV028509.D
Acq On : 10 Oct 2022 20:56
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0ml/100ul/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Quant Time: Oct 11 02:58:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 11 02:53:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	316603	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	285250	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	152622	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114744	46.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.940%			
7) Chloroethane-d5	1.564	69	88063	45.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.920%			
11) 1,1-Dichloroethene-d2	2.104	63	197077	47.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.800%			
21) 2-Butanone-d5	3.899	46	156677	73.264	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 73.260%			
24) Chloroform-d	4.342	84	237123	52.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.840%			
26) 1,2-Dichloroethane-d4	5.027	65	156263	54.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.160%			
32) Benzene-d6	5.043	84	473350	51.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.580%			
36) 1,2-Dichloropropane-d6	6.066	67	141859	47.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.200%			
41) Toluene-d8	7.310	98	433231	52.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.880%			
43) trans-1,3-Dichloroprop...	7.616	79	76637	50.452	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.900%			
47) 2-Hexanone-d5	8.085	63	133815	82.544	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.540%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	178188	43.694	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.380%			
66) 1,2-Dichlorobenzene-d4	11.615	152	163739	51.776	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	128544	53.924	ug/L	100
3) Chloromethane	1.240	50	103157	38.440	ug/L	99
5) Vinyl chloride	1.307	62	106930	39.704	ug/L	100
6) Bromomethane	1.519	94	49964	40.687	ug/L	99
8) Chloroethane	1.584	64	62712	38.360	ug/L	97
9) Trichlorofluoromethane	1.751	101	173920	52.255	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84200	44.637	ug/L	92
12) 1,1-Dichloroethene	2.114	96	85280	46.052	ug/L	96
13) Acetone	2.198	43	86128	51.991	ug/L	72
14) Carbon disulfide	2.291	76	282837	47.758	ug/L	100
15) Methyl Acetate	2.436	43	106948	38.237	ug/L	92
16) Methylene chloride	2.503	84	118403	49.201	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	106963	49.520	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	399147	50.268	ug/L	98
19) 1,1-Dichloroethane	3.185	63	210215	47.642	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	122072	49.609	ug/L	95
22) 2-Butanone	3.985	43	151824	69.520	ug/L #	69
23) Bromochloromethane	4.243	128	61217	51.192	ug/L	86
25) Chloroform	4.368	83	218445	50.711	ug/L	99

Quantitation Report (Not Reviewed)

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Quant Time: Oct 11 02:58:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 11 02:53:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	170421	51.636	ug/L	98
29) Cyclohexane	4.670	56	190055	46.322	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	200327	54.363	ug/L	98
31) Carbon tetrachloride	4.821	117	172458	55.908	ug/L	99
33) Benzene	5.095	78	459793	49.010	ug/L	100
34) Trichloroethene	5.908	95	114070	49.013	ug/L	97
35) Methylcyclohexane	6.127	83	196044	48.452	ug/L	96
37) 1,2-Dichloropropane	6.169	63	115855	46.062	ug/L	99
38) Bromodichloromethane	6.503	83	164370	50.161	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	199808	49.936	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	361997	84.387	ug/L	98
42) Toluene	7.381	91	490434	50.716	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	188939	49.200	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	113723	48.816	ug/L	97
46) Tetrachloroethene	7.969	164	90437	54.080	ug/L	97
48) 2-Hexanone	8.136	43	264661	80.367	ug/L	99
49) Dibromochloromethane	8.239	129	128602	51.356	ug/L	99
50) 1,2-Dibromoethane	8.345	107	113842	47.195	ug/L	100
51) Chlorobenzene	8.876	112	310984	51.258	ug/L	97
52) Ethylbenzene	9.005	91	537219	50.971	ug/L	99
53) m,p-Xylene	9.130	106	204266	51.131	ug/L	98
54) o-Xylene	9.535	106	203417	50.854	ug/L	98
55) Styrene	9.551	104	352186	51.270	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	174057	43.627	ug/L	99
59) Bromoform	9.725	173	90718	47.999	ug/L	99
60) Isopropylbenzene	9.924	105	546631	49.704	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	138185	42.530	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	476620	50.038	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	466758	49.369	ug/L	97
64) 1,3-Dichlorobenzene	11.172	146	248291	51.617	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	244262	50.890	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	249390	51.369	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	41997	42.238	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	193638	53.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	174142	54.079	ug/L	98
71) Naphthalene	13.490	128	498860	49.808	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	170411	54.279	ug/L	98

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

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Quant Time: Oct 11 02:58:58 2022
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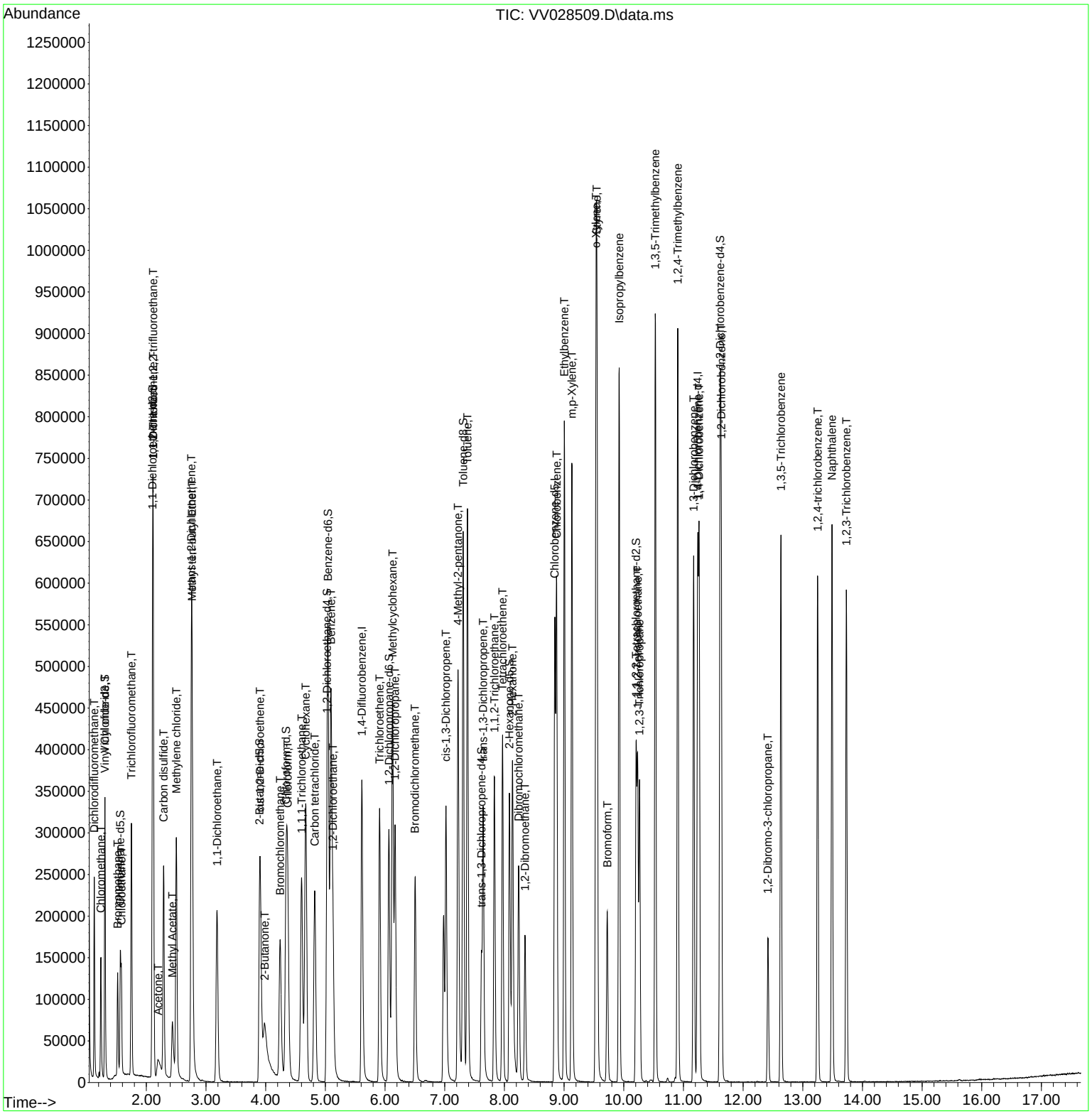
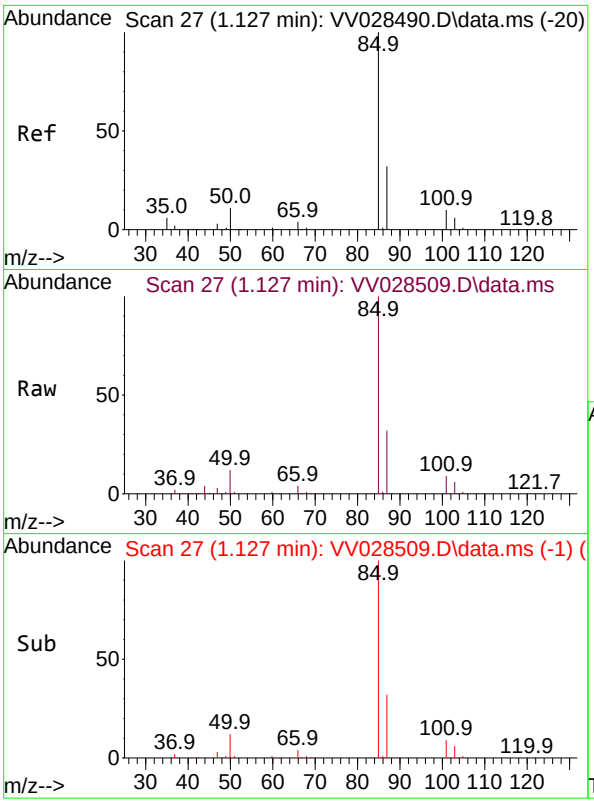
Quant Title : VOC Analysis
QLast Update : Tue Oct 11 02:53:11 2022
Response via : Initial Calibration



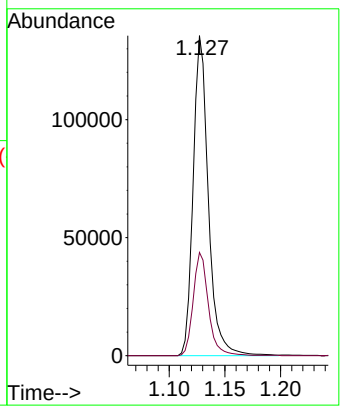


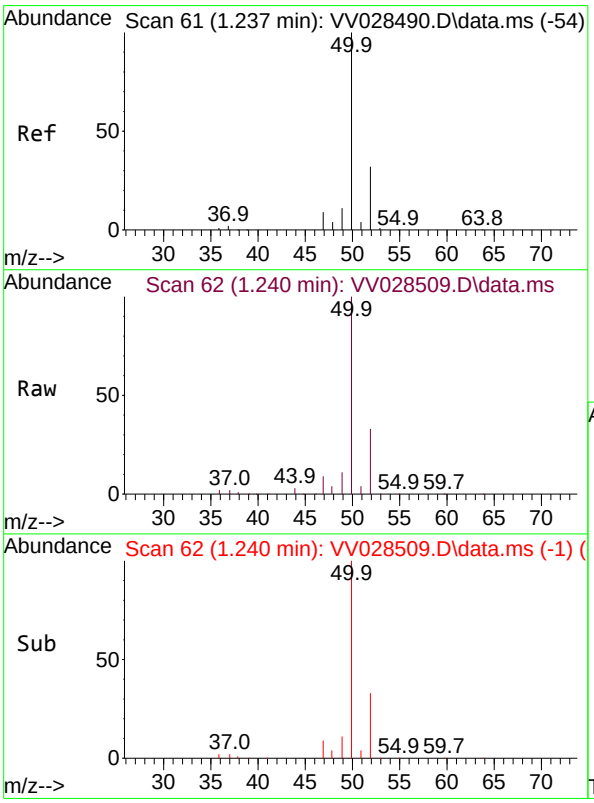
#2
Dichlorodifluoromethane
Concen: 53.924 ug/L
RT: 1.127 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 85 Resp: 128544

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.9	38.9

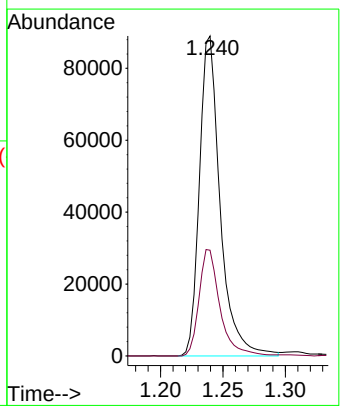


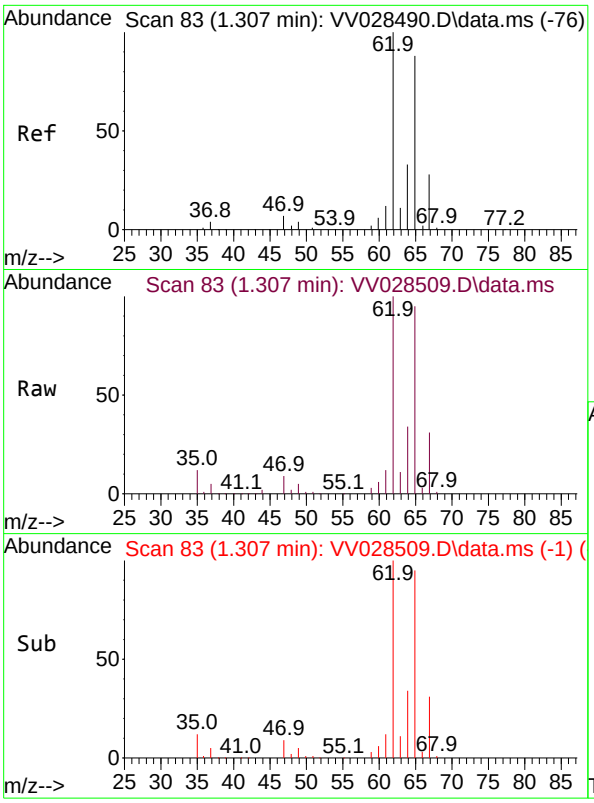


#3
Chloromethane
Concen: 38.440 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 50 Resp: 103157

Ion	Ratio	Lower	Upper
50	100		
52	33.0	22.7	42.3



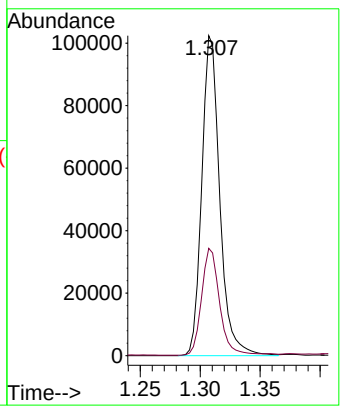


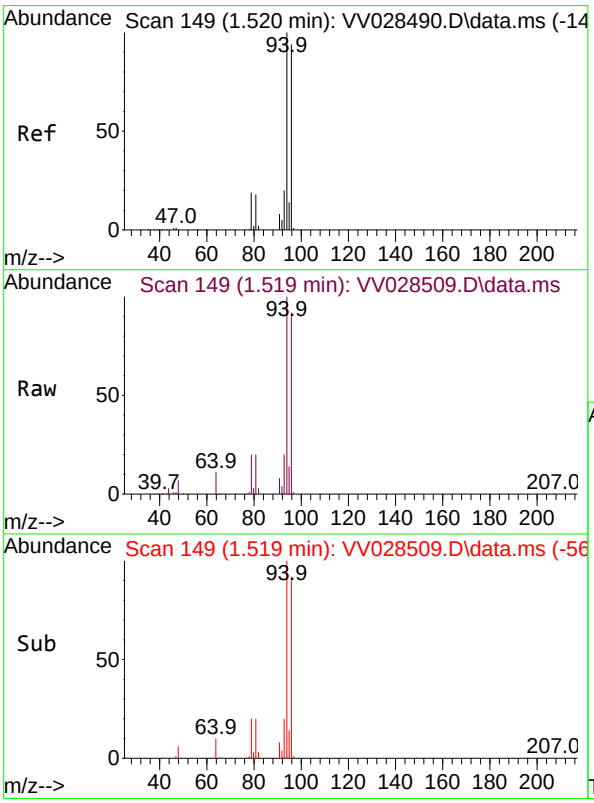
#5
Vinyl chloride
Concen: 39.704 ug/L
RT: 1.307 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 62 Resp: 106930

Ion	Ratio	Lower	Upper
62	100		
64	33.5	23.3	43.3

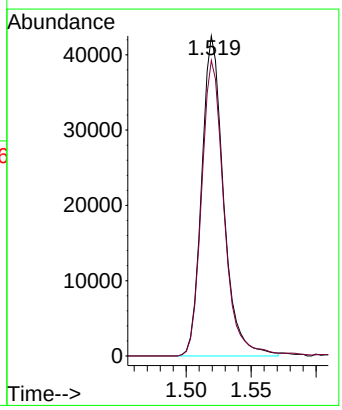


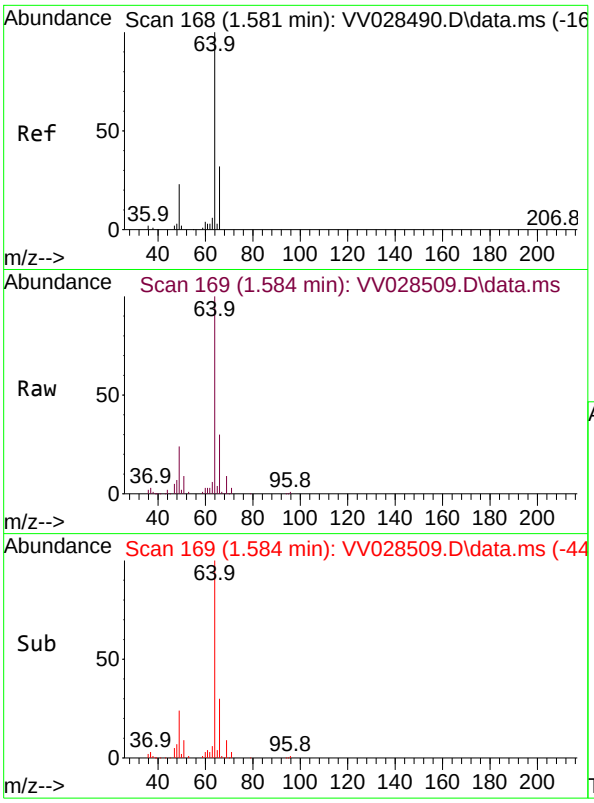


#6
Bromomethane
Concen: 40.687 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 94 Resp: 49964

Ion	Ratio	Lower	Upper
94	100		
96	92.3	65.5	121.6



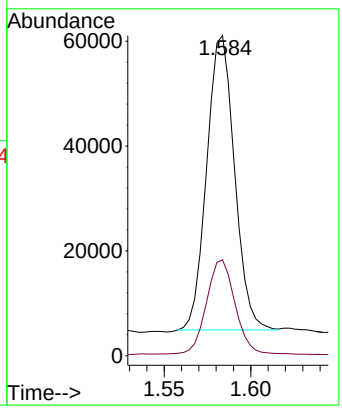


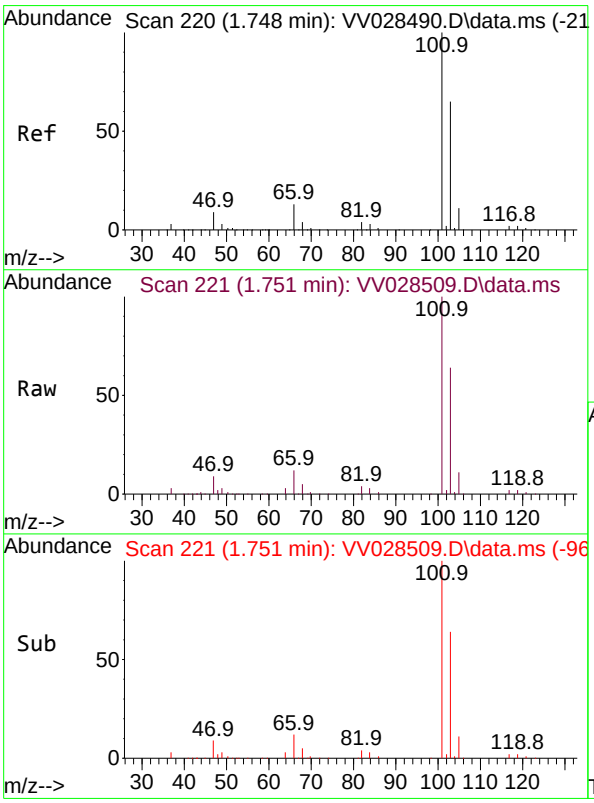
#8
Chloroethane
Concen: 38.360 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 64 Resp: 62712

Ion	Ratio	Lower	Upper
64	100		
66	30.0	22.2	41.2

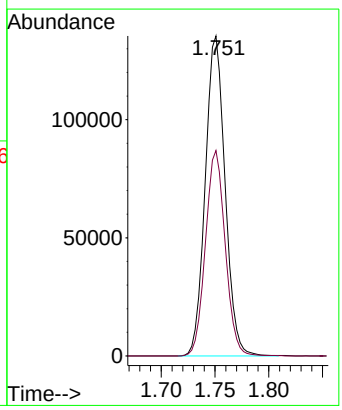


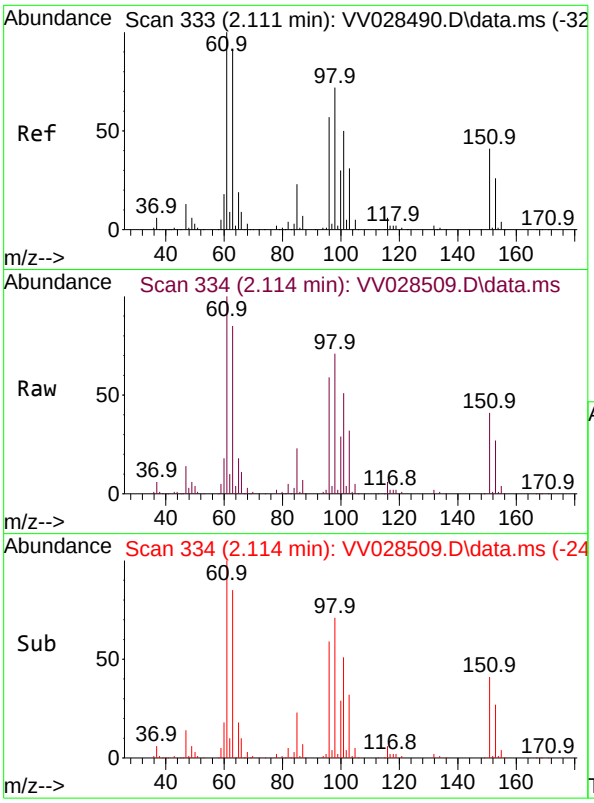


#9
Trichlorofluoromethane
Concen: 52.255 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:101 Resp: 173920

Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.7	76.1



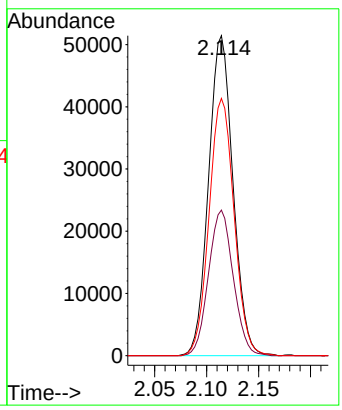


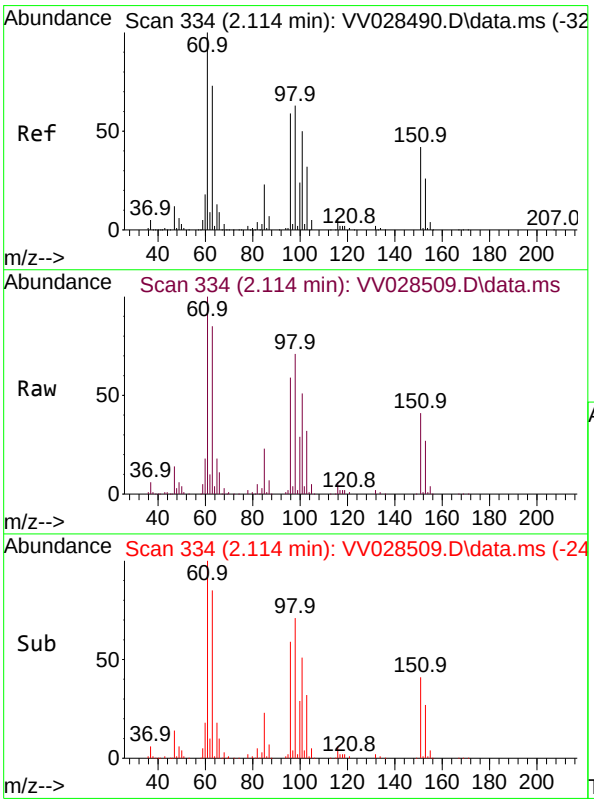
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.637 ug/L
RT: 2.114 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:101 Resp: 84200

Ion	Ratio	Lower	Upper
101	100		
85	46.1	34.9	52.3
151	82.3	59.2	88.8

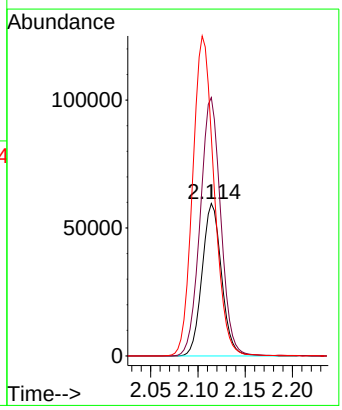


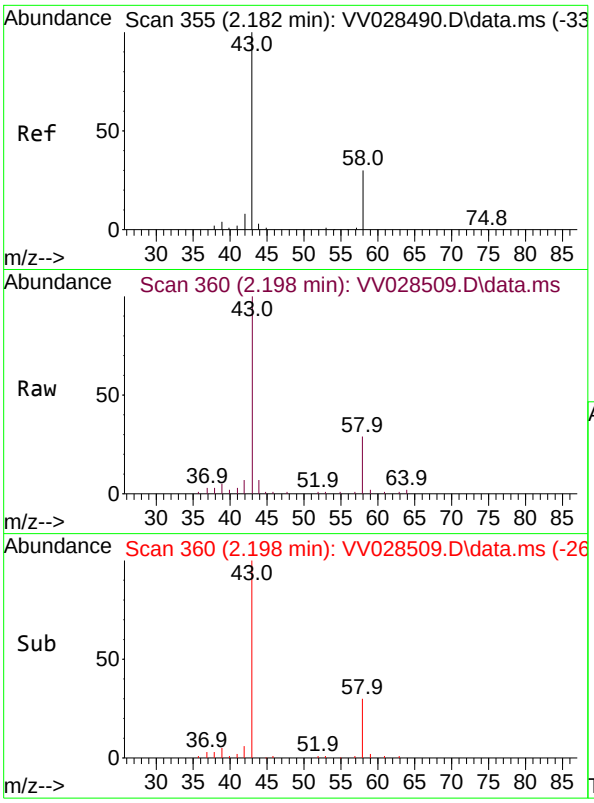


#12
1,1-Dichloroethene
Concen: 46.052 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 96 Resp: 85280

Ion	Ratio	Lower	Upper
96	100		
61	169.6	125.6	233.2
63	143.9	100.0	185.6



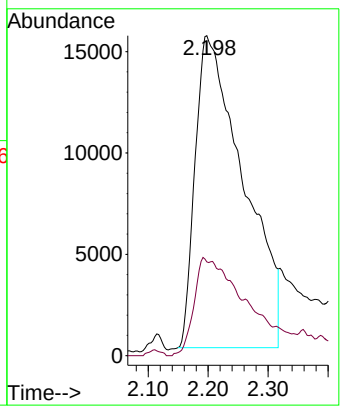


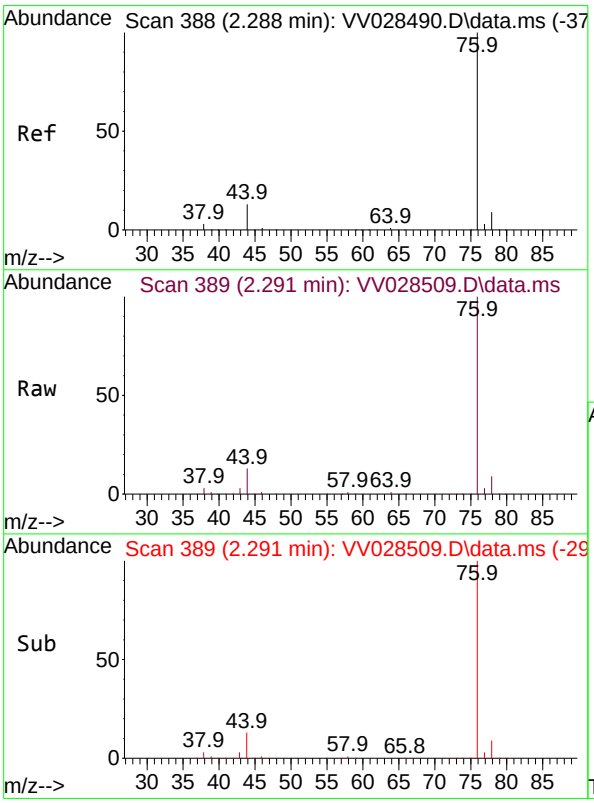
#13
Acetone
Concen: 51.991 ug/L
RT: 2.198 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 43 Resp: 86128

Ion	Ratio	Lower	Upper
43	100		
58	9.7	0.0	47.0

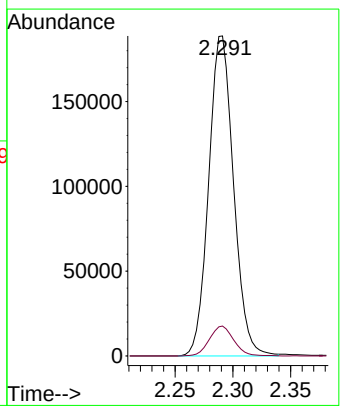


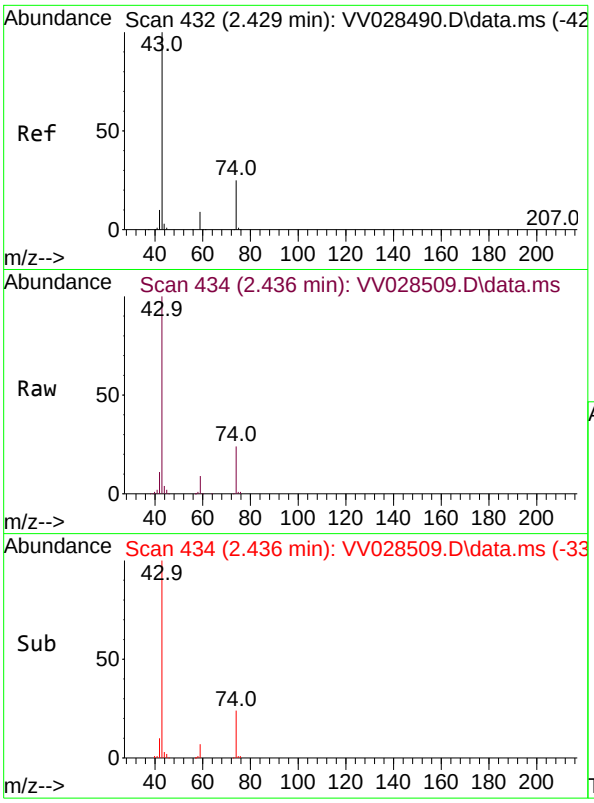


#14
Carbon disulfide
Concen: 47.758 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 76 Resp: 282837

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0



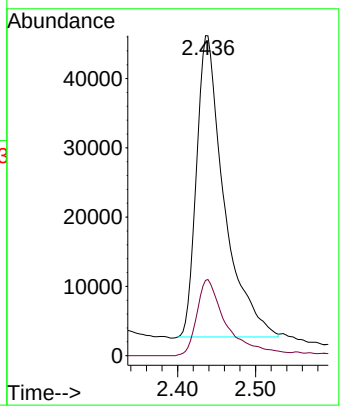


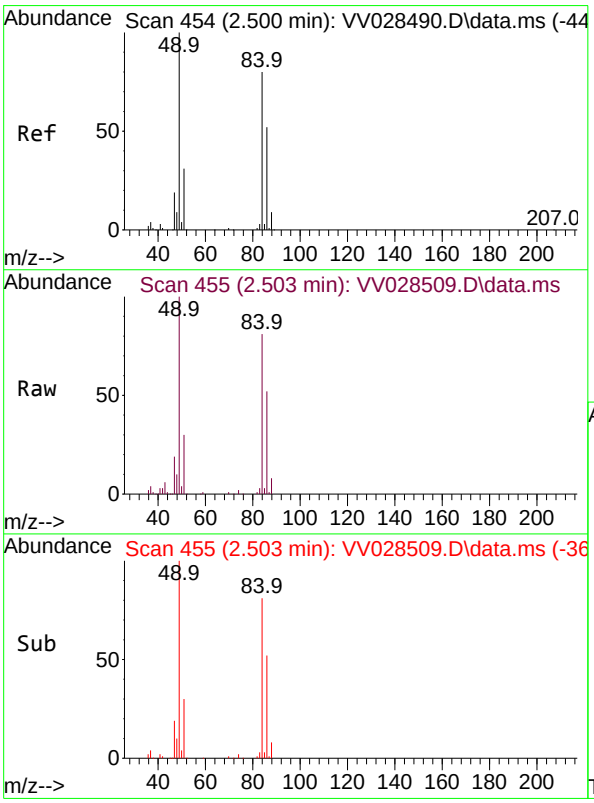
#15
Methyl Acetate
Concen: 38.237 ug/L
RT: 2.436 min Scan# 4
Delta R.T. 0.006 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 43 Resp: 106948

Ion	Ratio	Lower	Upper
43	100		
74	27.4	18.8	28.2

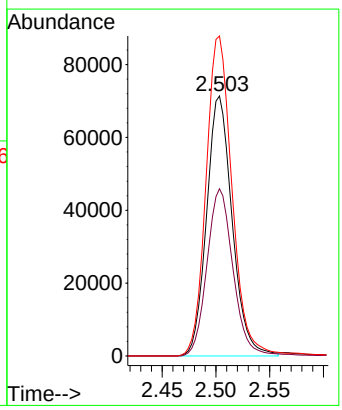


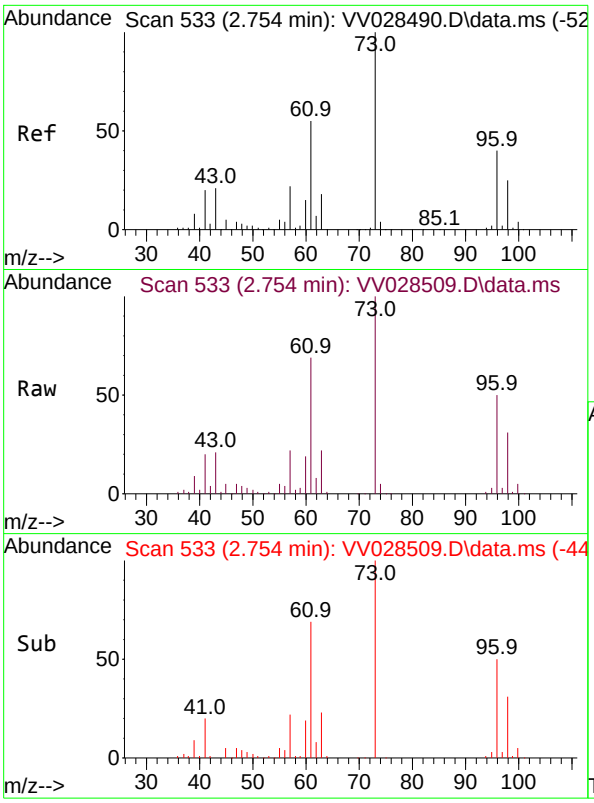


#16
Methylene chloride
Concen: 49.201 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 84 Resp: 118403

Ion	Ratio	Lower	Upper
84	100		
86	64.3	44.2	82.2
49	123.1	90.5	168.1



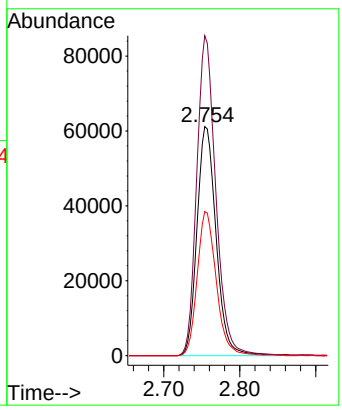


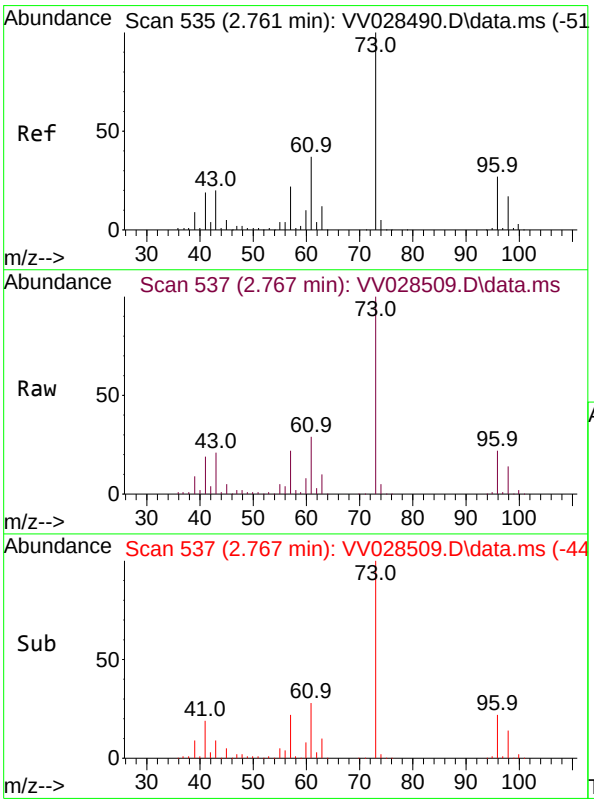
#17
trans-1,2-Dichloroethene
Concen: 49.520 ug/L
RT: 2.754 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 96 Resp: 106963

Ion	Ratio	Lower	Upper
96	100		
61	139.6	104.8	194.6
98	62.9	44.5	82.7

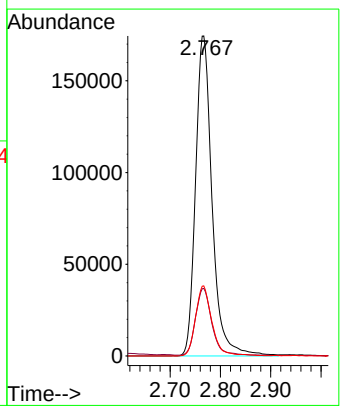


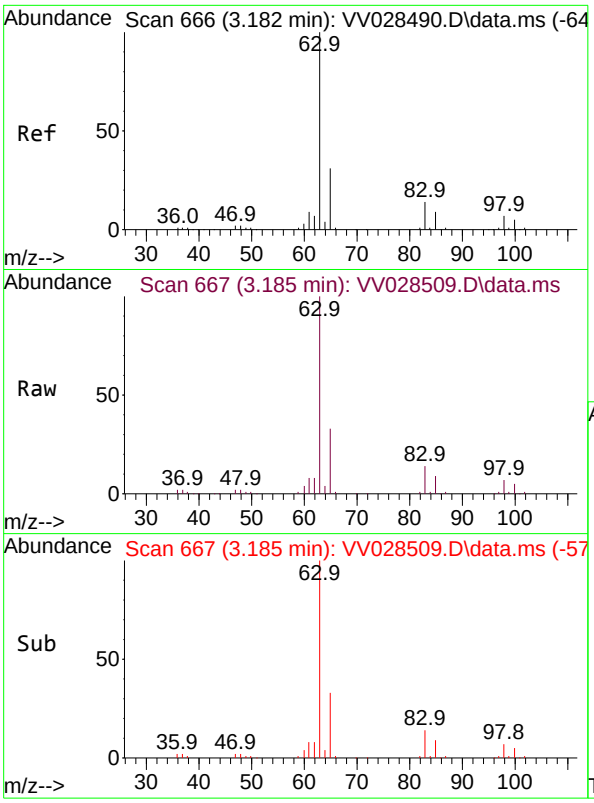


#18
Methyl tert-butyl Ether
Concen: 50.268 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 73 Resp: 399147

Ion	Ratio	Lower	Upper
73	100		
43	20.2	15.6	23.4
57	21.3	18.2	27.4



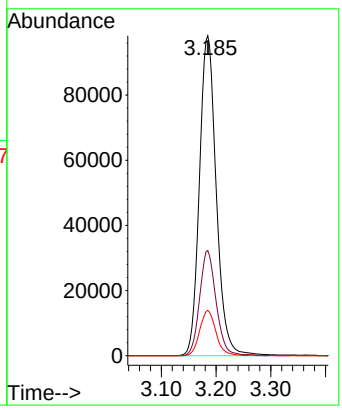


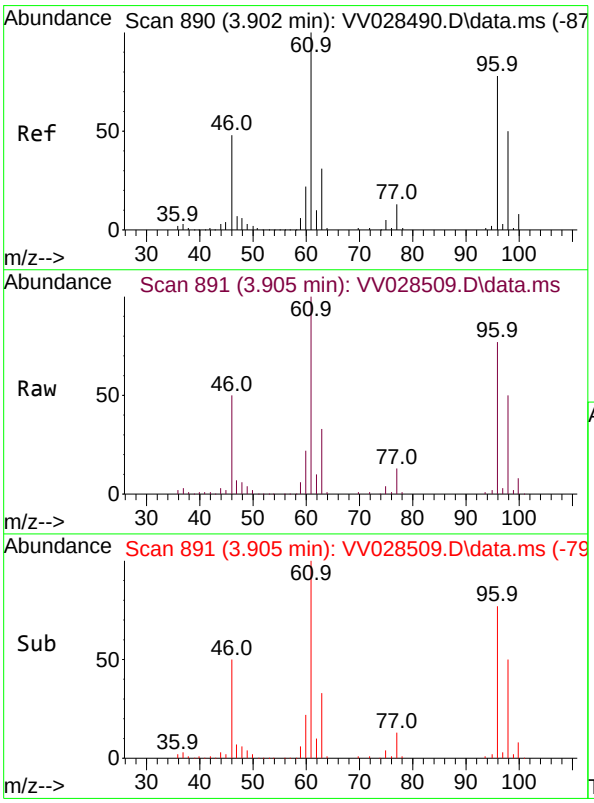
#19
1,1-Dichloroethane
Concen: 47.642 ug/L
RT: 3.185 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 63 Resp: 210215

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.6	42.0
83	14.1	9.2	17.0

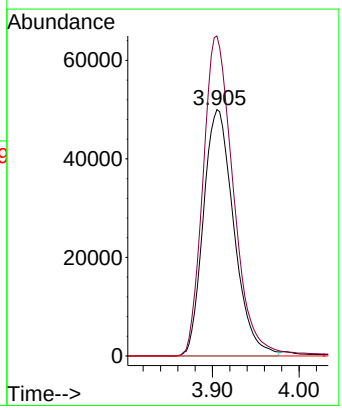


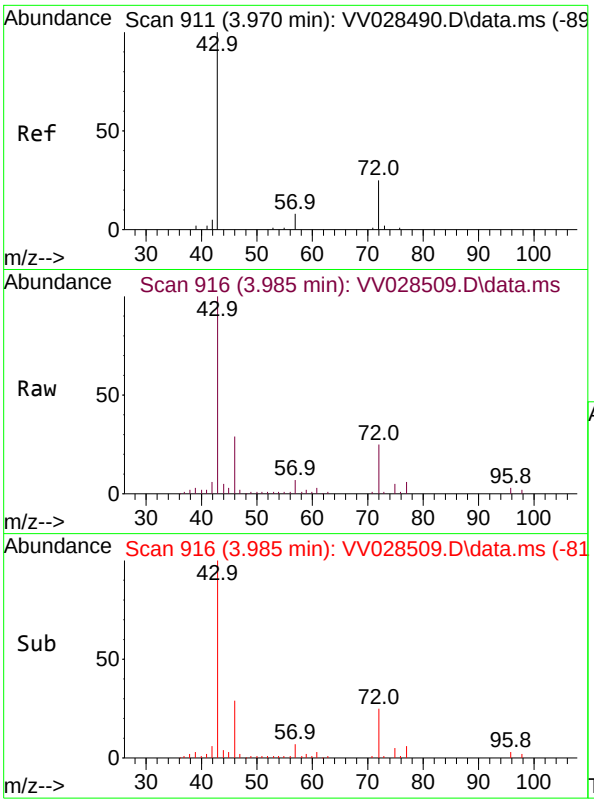


#20
cis-1,2-Dichloroethene
Concen: 49.609 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 96 Resp: 122072

Ion	Ratio	Lower	Upper
96	100		
61	129.9	95.0	176.4
68	0.0	0.0	0.0



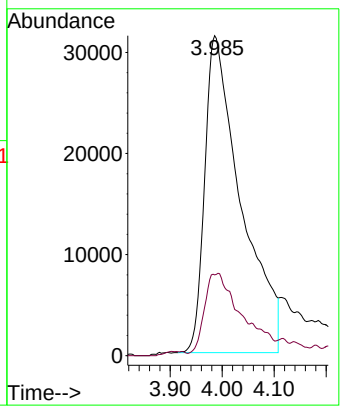


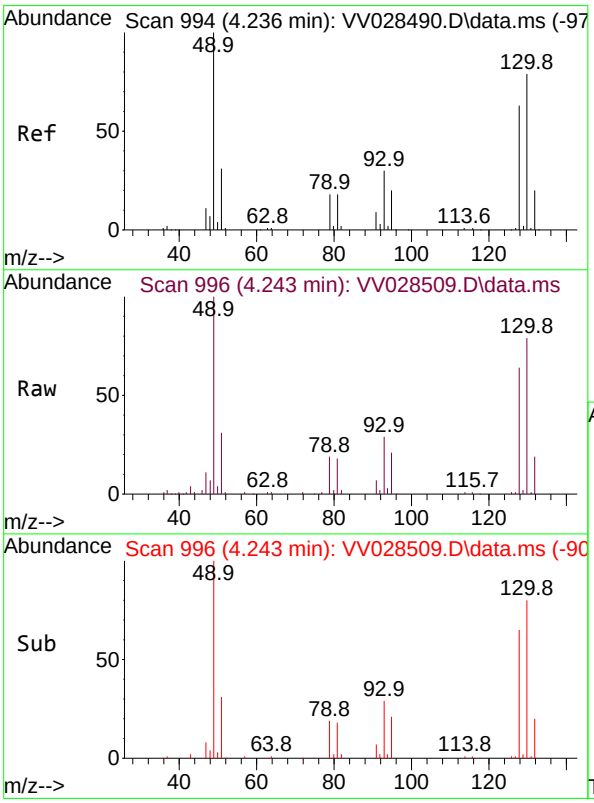
#22
2-Butanone
Concen: 69.520 ug/L
RT: 3.985 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 43 Resp: 151824

Ion	Ratio	Lower	Upper
43	100		
72	7.5	11.1	33.1#

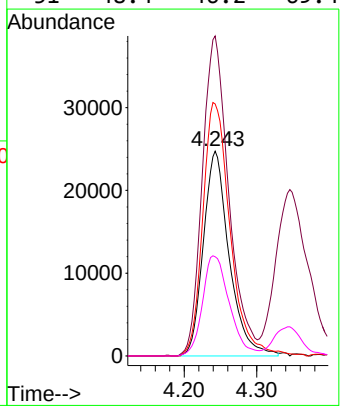


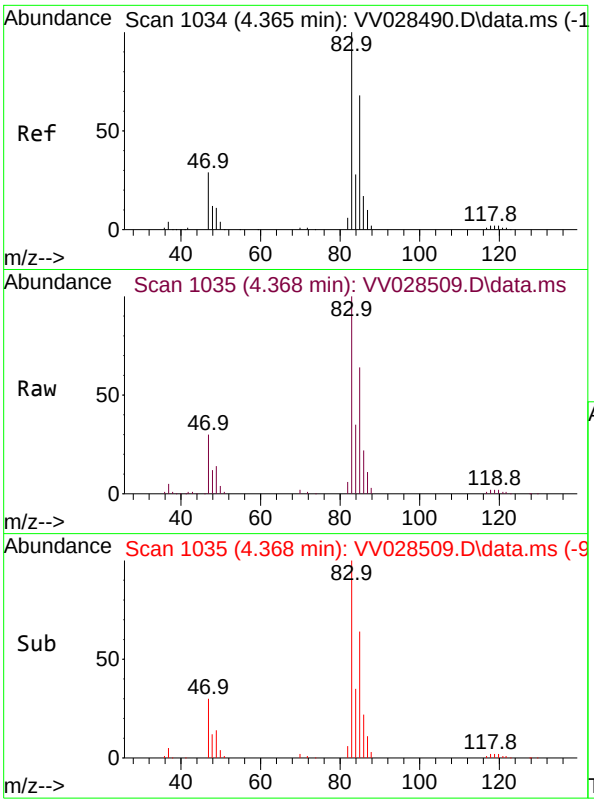


#23
Bromochloromethane
Concen: 51.192 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:128 Resp: 61217

Ion	Ratio	Lower	Upper
128	100		
49	156.2	130.6	242.6
130	123.0	90.0	167.2
51	48.4	46.2	69.4



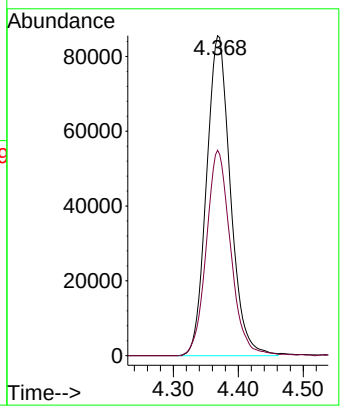


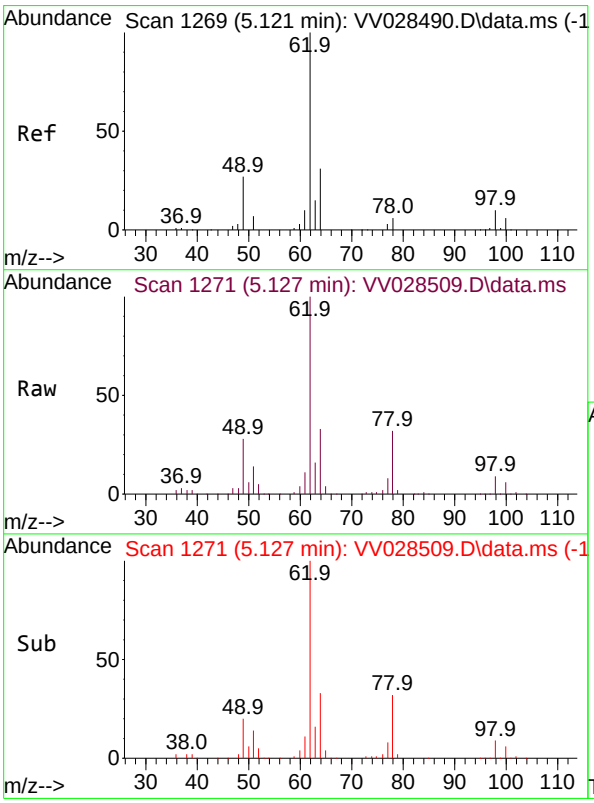
#25
Chloroform
Concen: 50.711 ug/L
RT: 4.368 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 83 Resp: 218445

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.5	82.7

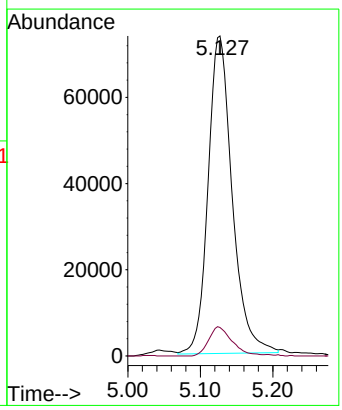


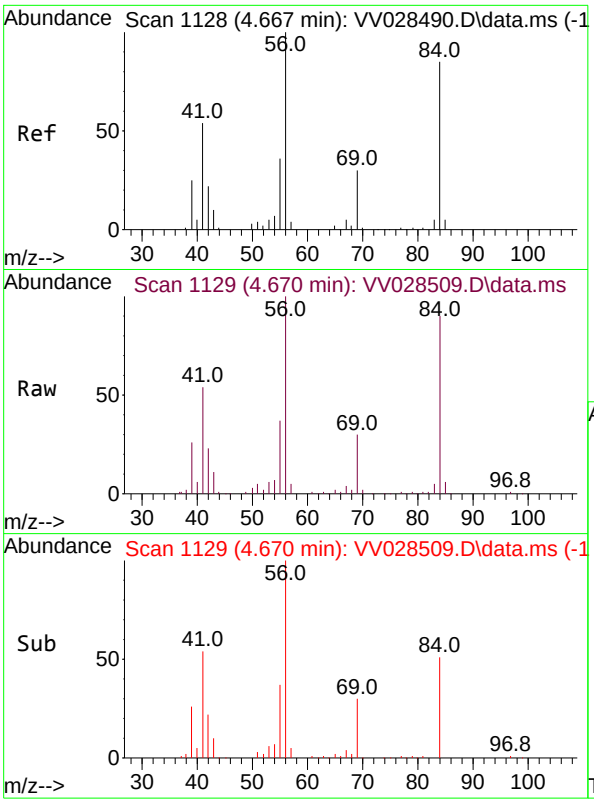


#27
1,2-Dichloroethane
Concen: 51.636 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 62 Resp: 170421

Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.6	11.4



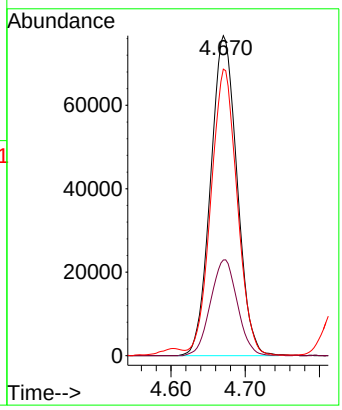


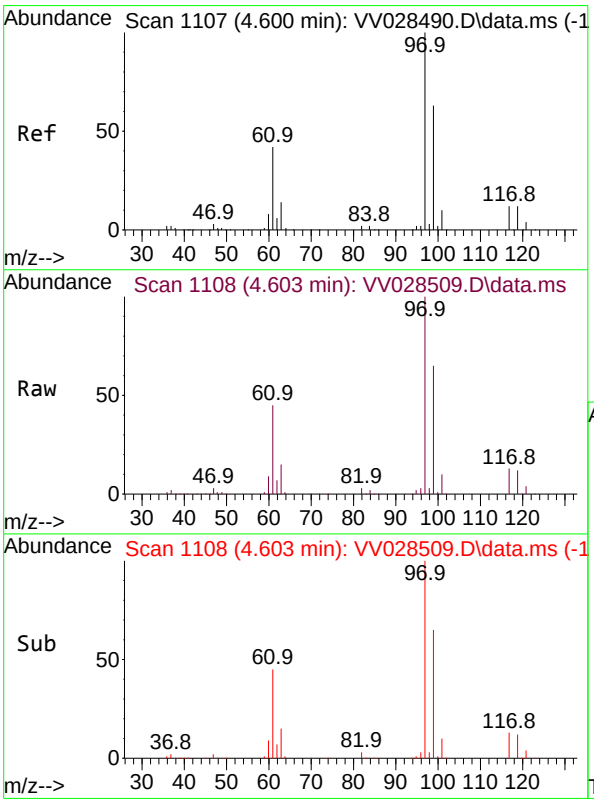
#29
Cyclohexane
Concen: 46.322 ug/L
RT: 4.670 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 56 Resp: 190055

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.0	34.6
84	88.7	65.8	98.8

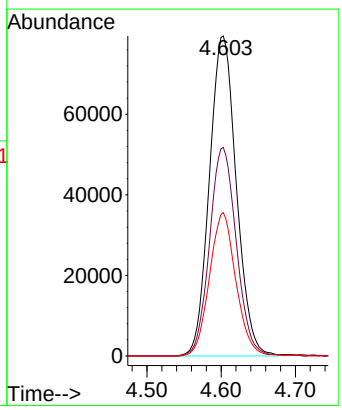


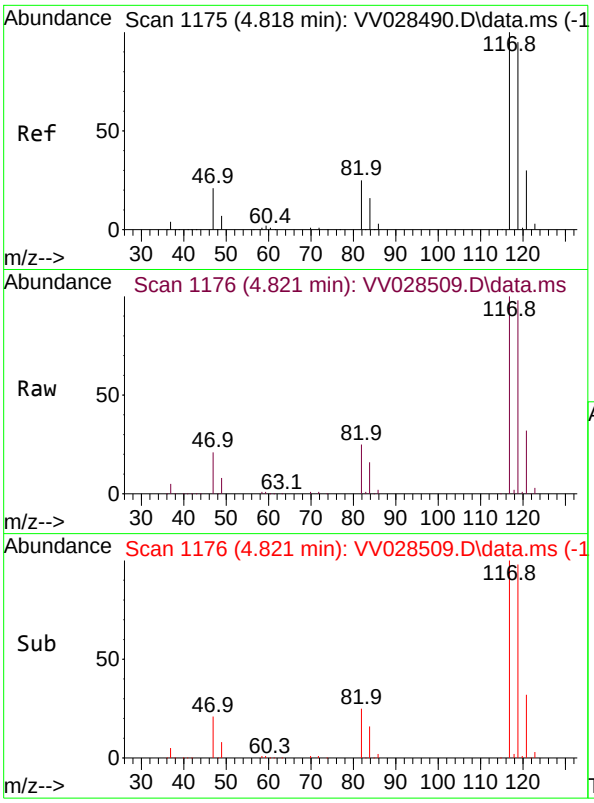


#30
1,1,1-Trichloroethane
Concen: 54.363 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 97 Resp: 200327

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.2	75.2
61	43.7	35.8	53.6



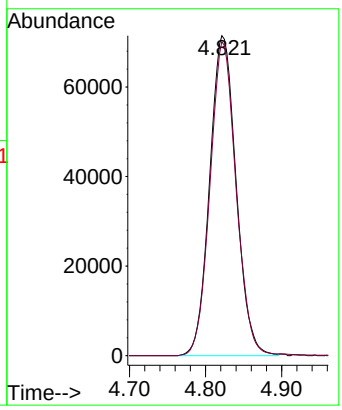


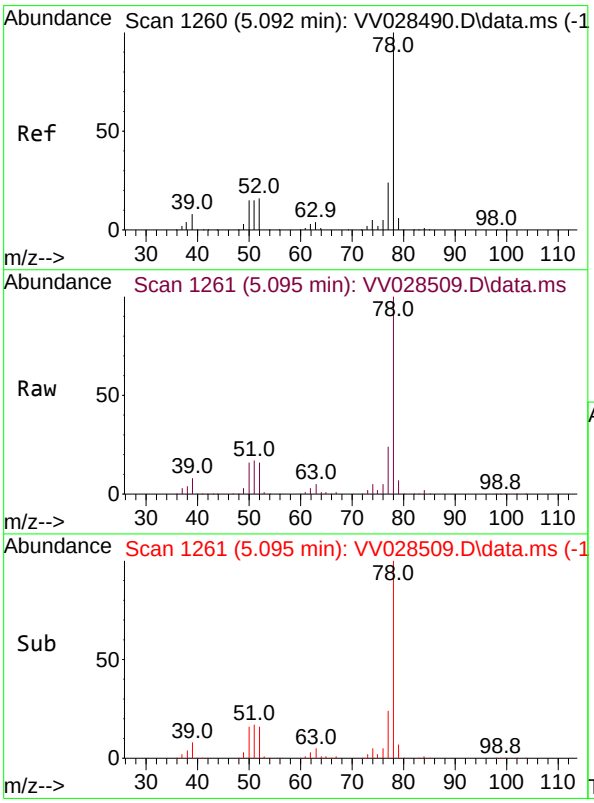
#31
Carbon tetrachloride
Concen: 55.908 ug/L
RT: 4.821 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:117 Resp: 172458

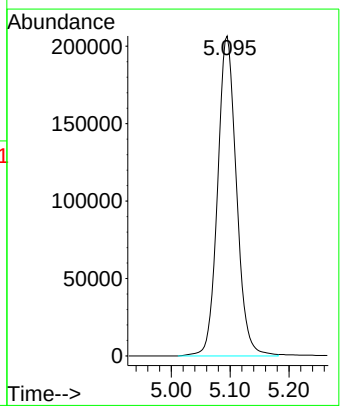
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.0	117.0

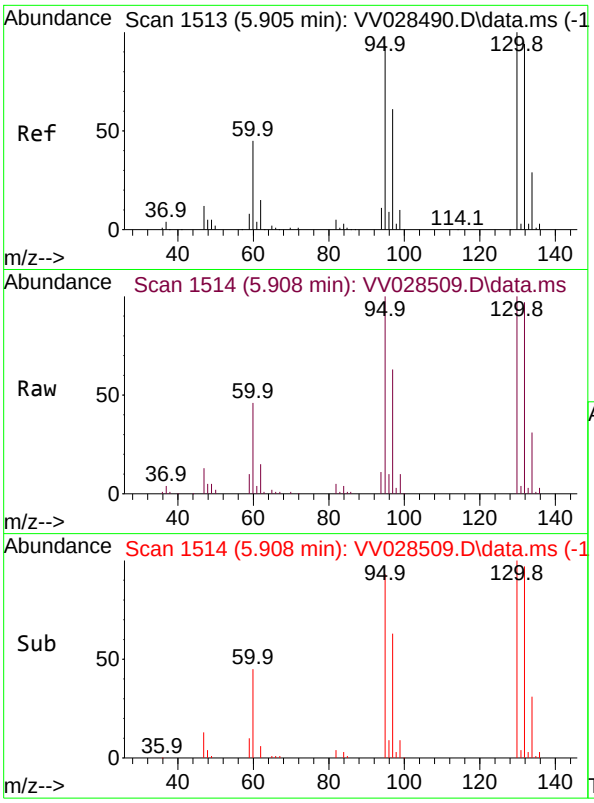




#33
Benzene
Concen: 49.010 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 78 Resp: 459793



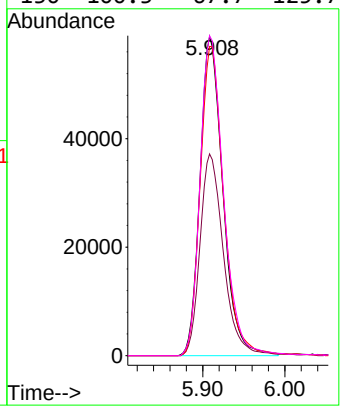


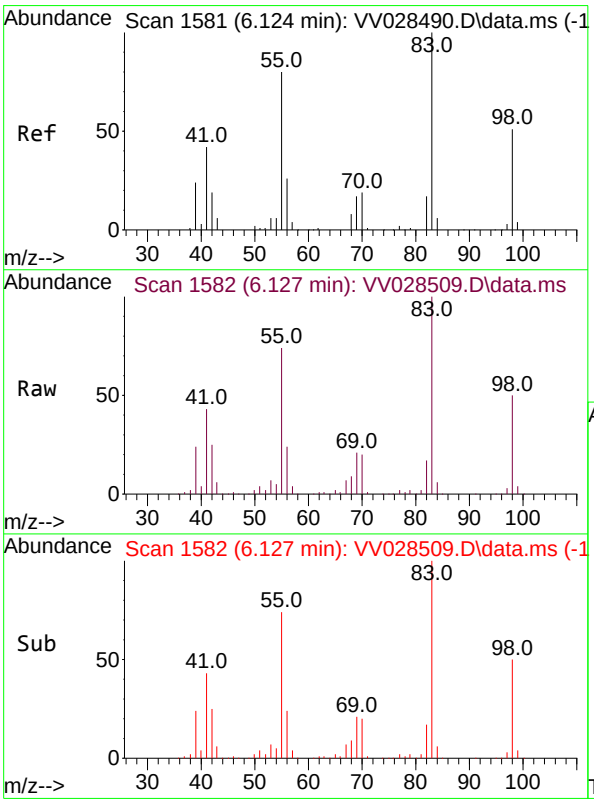
#34
Trichloroethene
Concen: 49.013 ug/L
RT: 5.908 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 95 Resp: 114070

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.4	82.4
132	96.9	64.3	119.5
130	100.3	67.7	125.7

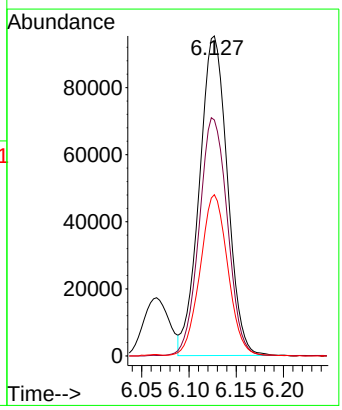


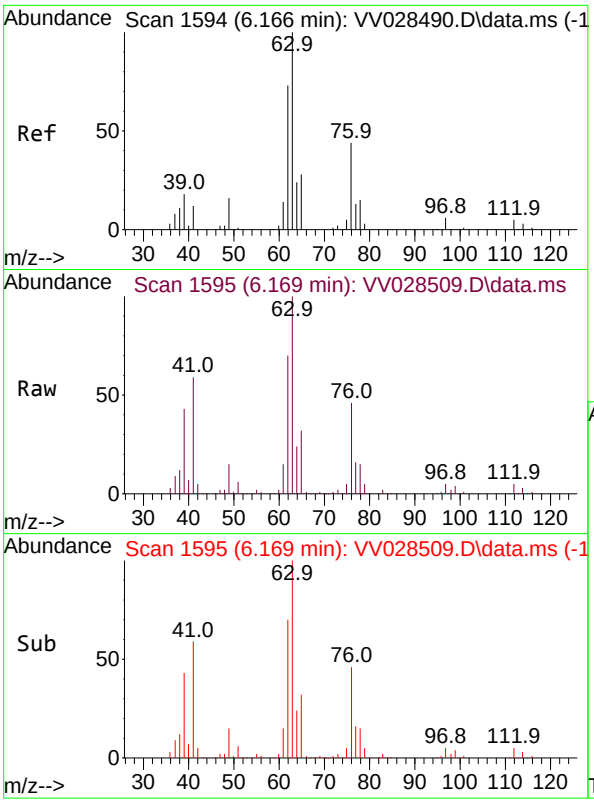


#35
Methylcyclohexane
Concen: 48.452 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 83 Resp: 196044

Ion	Ratio	Lower	Upper
83	100		
55	75.2	63.7	95.5
98	49.9	38.2	57.2



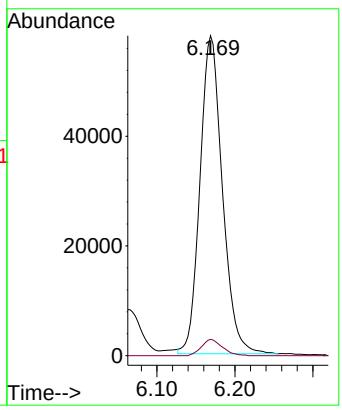


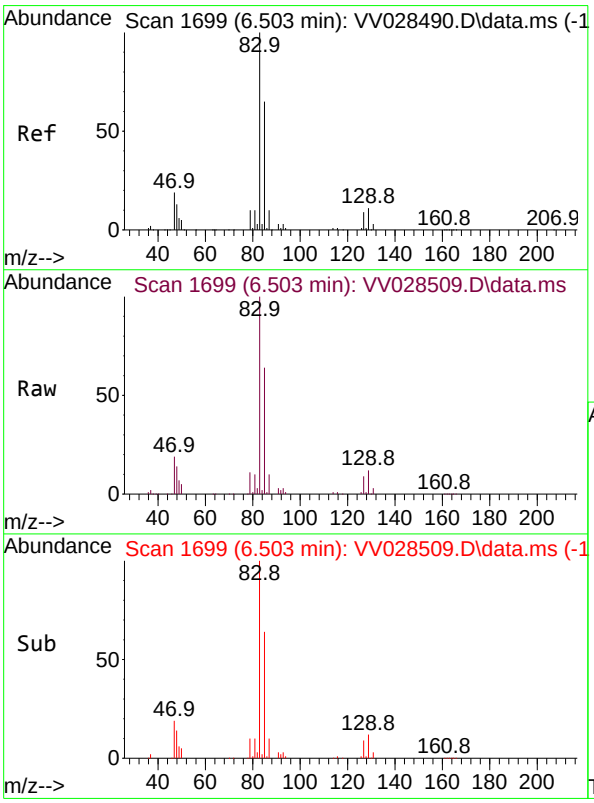
#37
1,2-Dichloropropane
Concen: 46.062 ug/L
RT: 6.169 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 63 Resp: 115855

Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.5	5.3

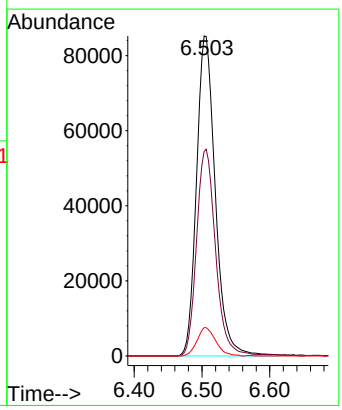


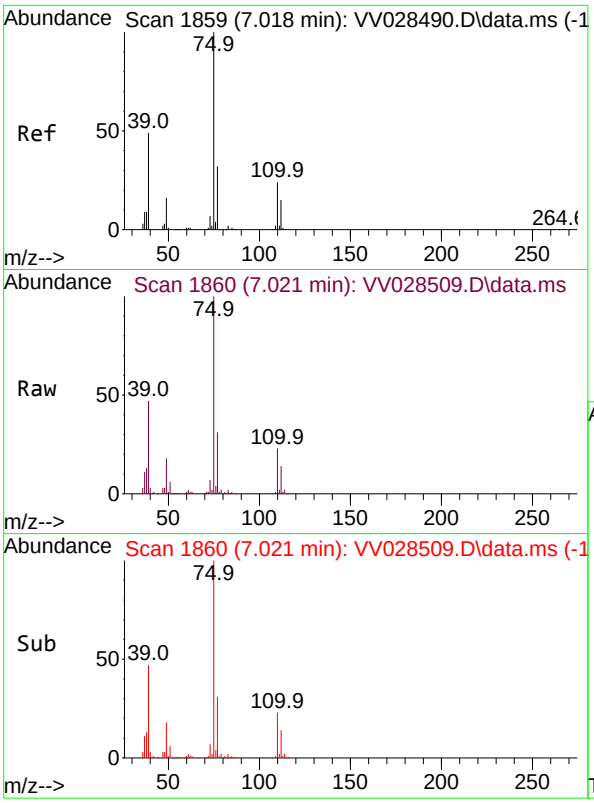


#38
Bromodichloromethane
Concen: 50.161 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 83 Resp: 164370

Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.1	83.7
127	8.8	7.0	10.4



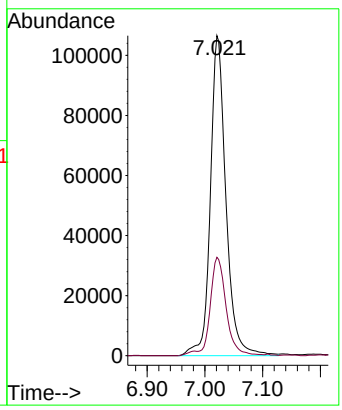


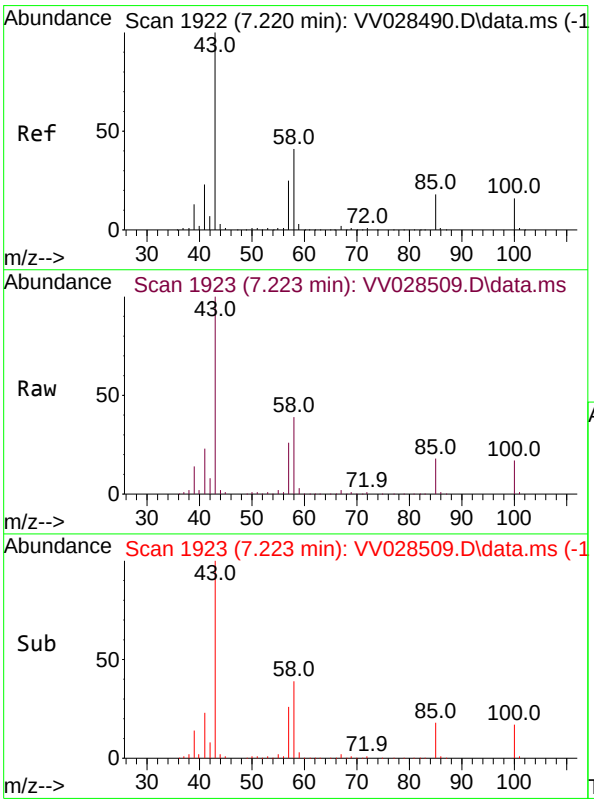
#39
cis-1,3-Dichloropropene
Concen: 49.936 ug/L
RT: 7.021 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 75 Resp: 199808

Ion	Ratio	Lower	Upper
75	100		
77	30.7	23.2	43.0

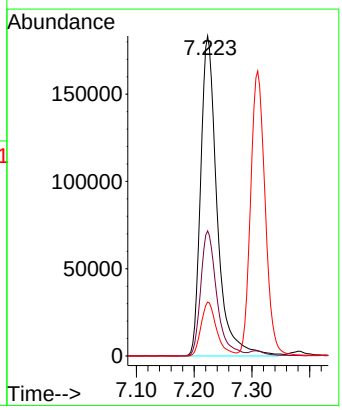


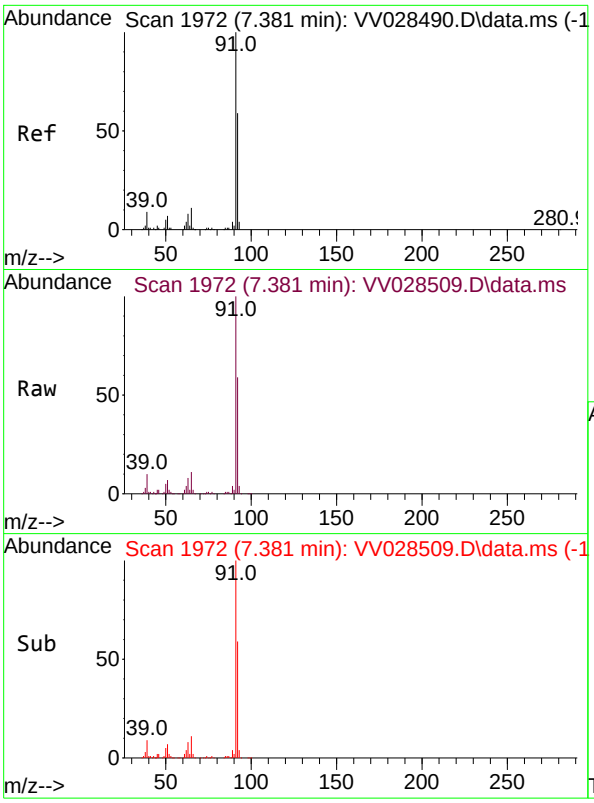


#40
4-Methyl-2-pentanone
Concen: 84.387 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 43 Resp: 361997

Ion	Ratio	Lower	Upper
43	100		
58	38.5	31.3	46.9
100	16.1	11.5	17.3



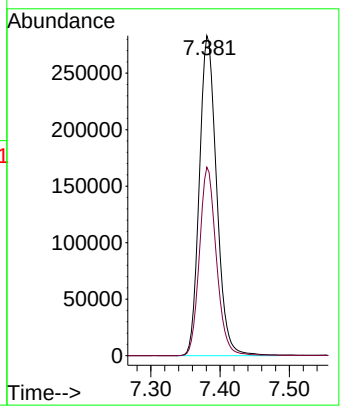


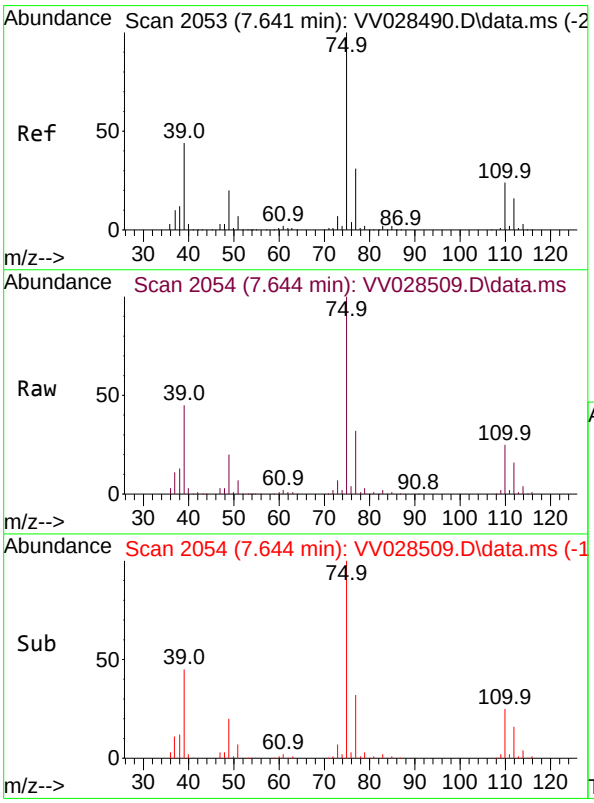
#42
Toluene
Concen: 50.716 ug/L
RT: 7.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 91 Resp: 490434

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.9	76.0

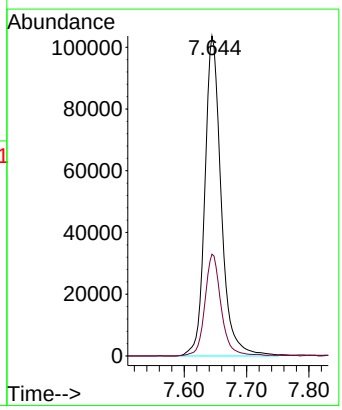


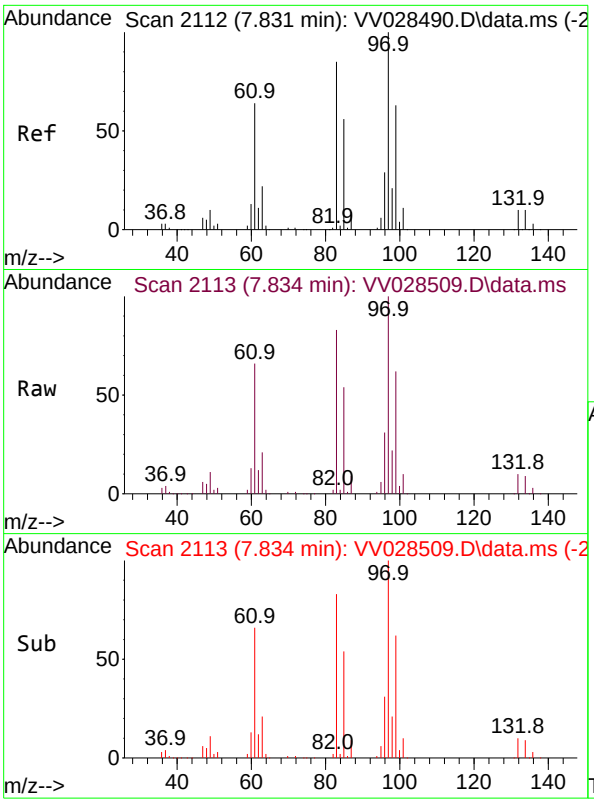


#44
trans-1,3-Dichloropropene
Concen: 49.200 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 75 Resp: 188939

Ion	Ratio	Lower	Upper
75	100		
77	31.8	21.8	40.4



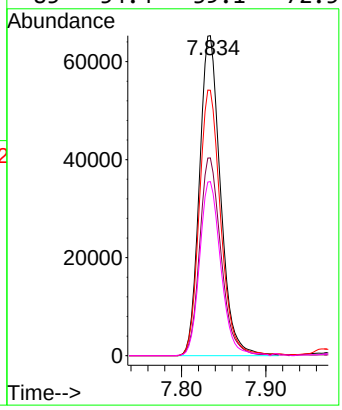


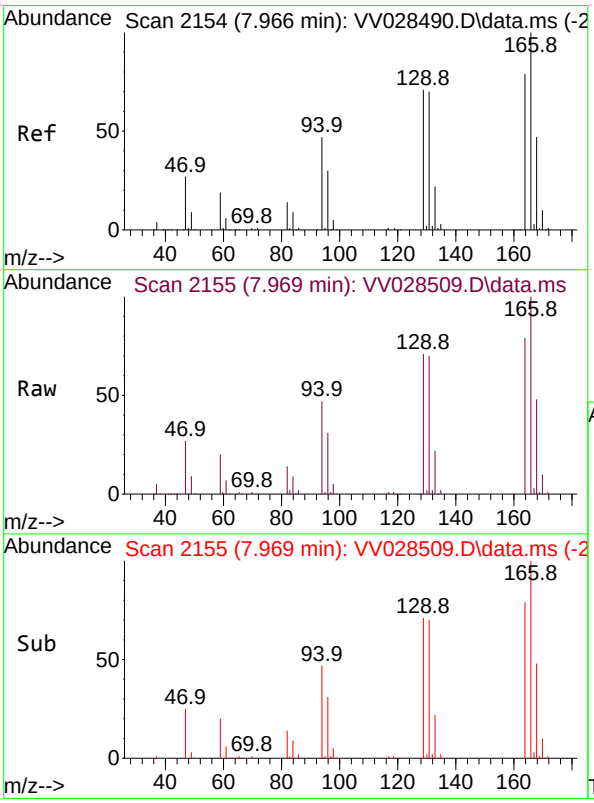
#45
1,1,2-Trichloroethane
Concen: 48.816 ug/L
RT: 7.834 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 97 Resp: 113723

Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.9	81.5
83	83.0	61.9	114.9
85	54.4	39.1	72.5

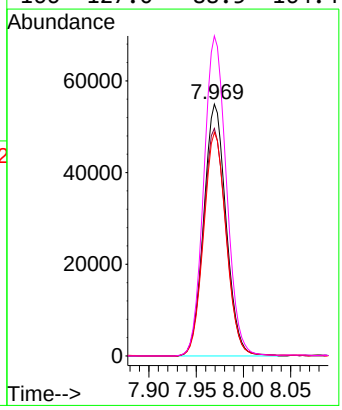


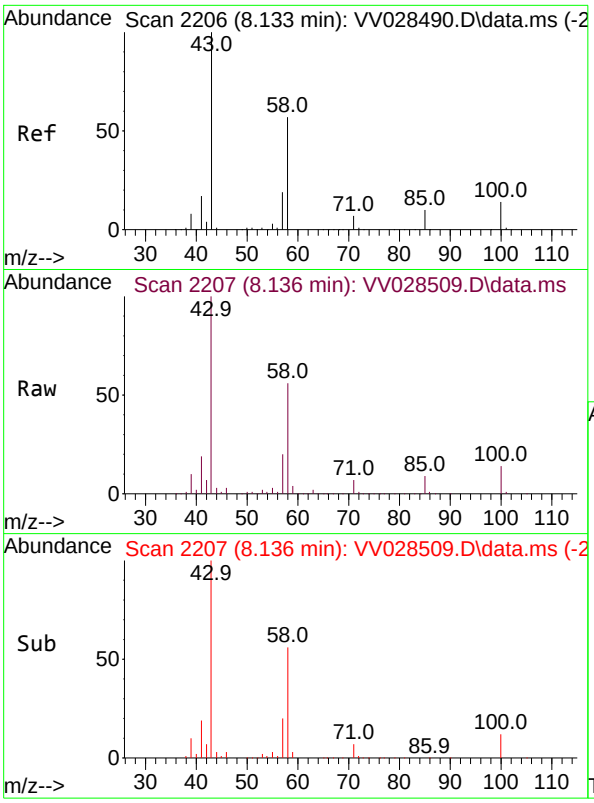


#46
Tetrachloroethene
Concen: 54.080 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:164 Resp: 90437

Ion	Ratio	Lower	Upper
164	100		
129	90.4	67.4	125.2
131	88.7	65.2	121.2
166	127.0	88.5	164.4



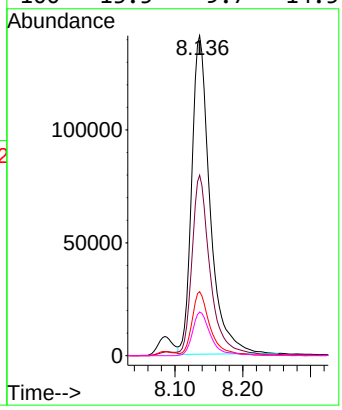


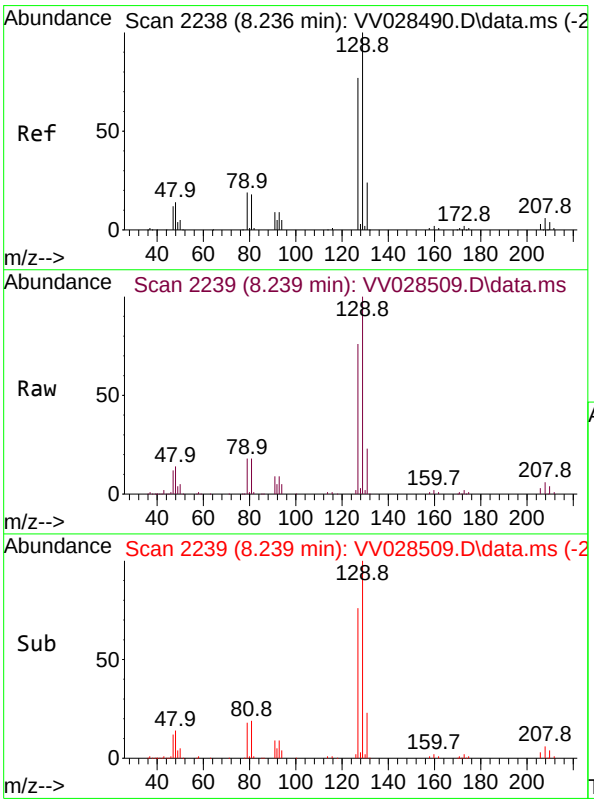
#48
2-Hexanone
Concen: 80.367 ug/L
RT: 8.136 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 43 Resp: 264661

Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.9	65.9
57	18.4	15.1	22.7
100	13.5	9.7	14.5

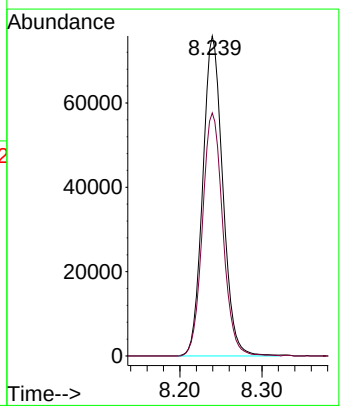


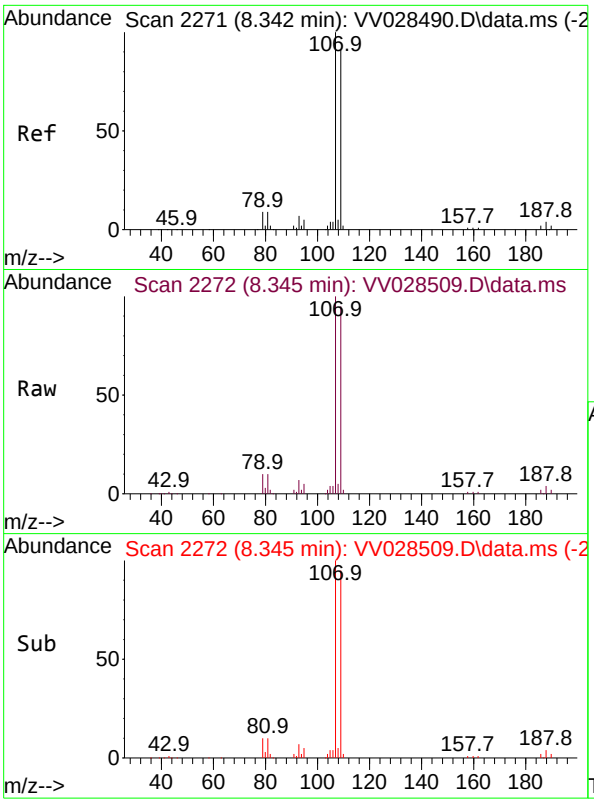


#49
Dibromochloromethane
Concen: 51.356 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:129 Resp: 128602

Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.6	99.6



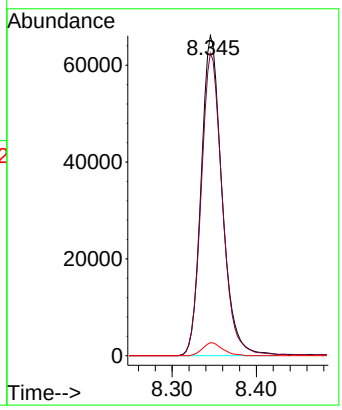


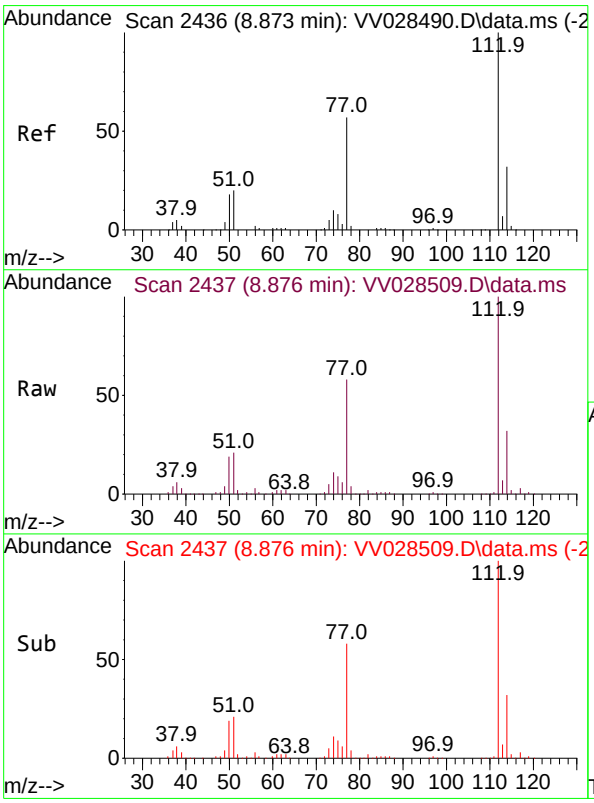
#50
1,2-Dibromoethane
Concen: 47.195 ug/L
RT: 8.345 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:107 Resp: 113842

Ion	Ratio	Lower	Upper
107	100		
109	94.5	65.9	122.5
188	4.0	3.0	4.4

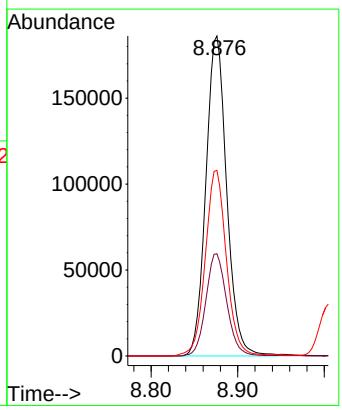


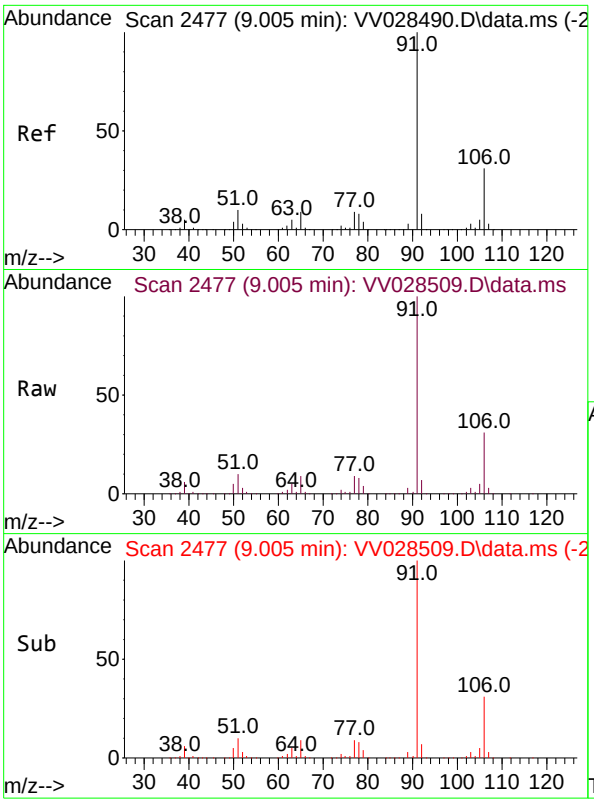


#51
Chlorobenzene
Concen: 51.258 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:112 Resp: 310984

Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.7	40.3
77	58.0	48.7	73.1



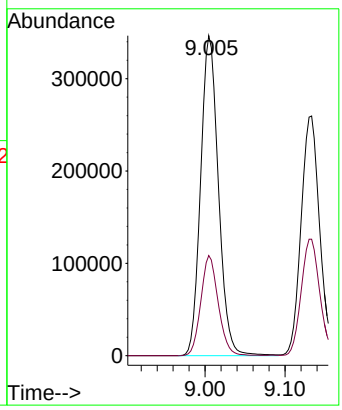


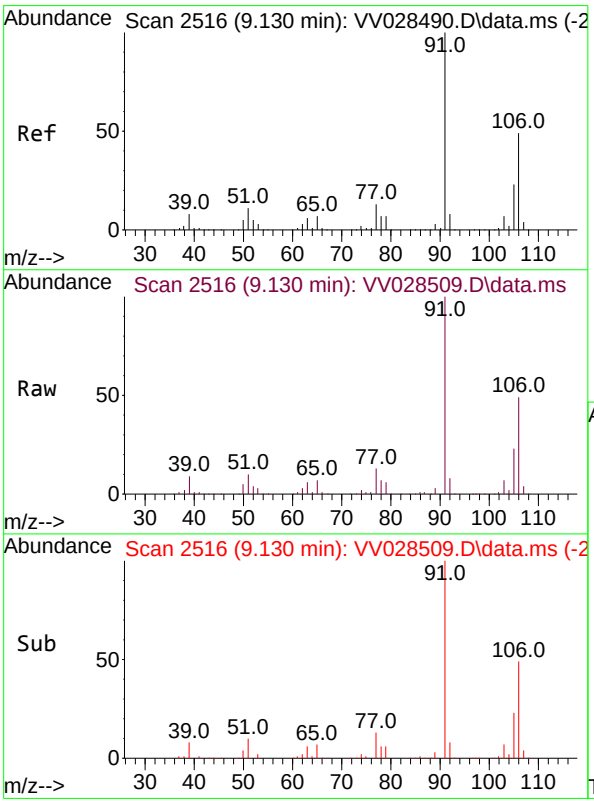
#52
Ethylbenzene
Concen: 50.971 ug/L
RT: 9.005 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 91 Resp: 537219

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.4	39.8

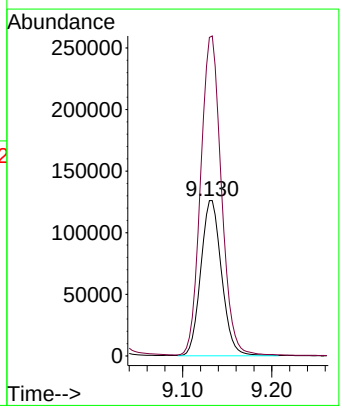


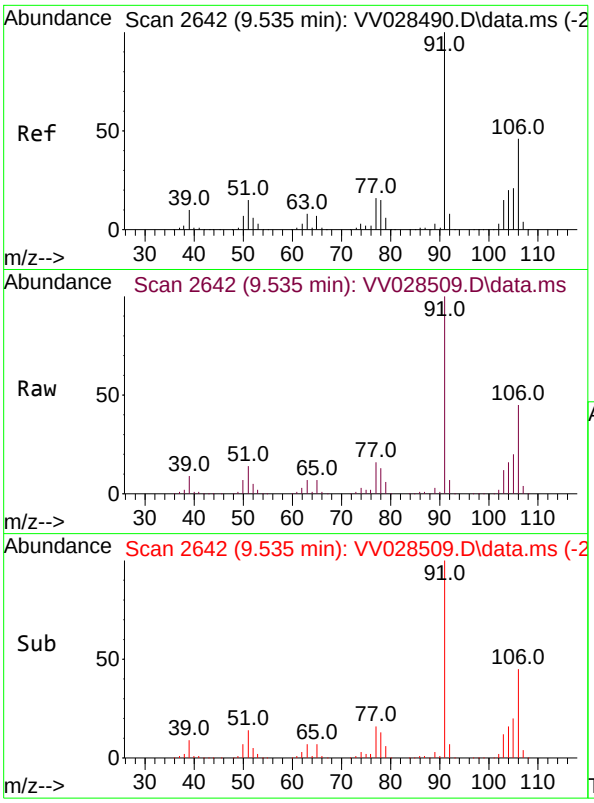


#53
m,p-Xylene
Concen: 51.131 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:106 Resp: 204266

Ion	Ratio	Lower	Upper
106	100		
91	205.0	145.2	269.6



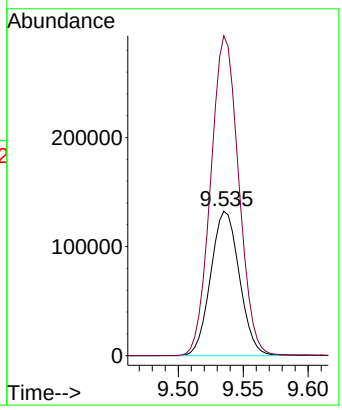


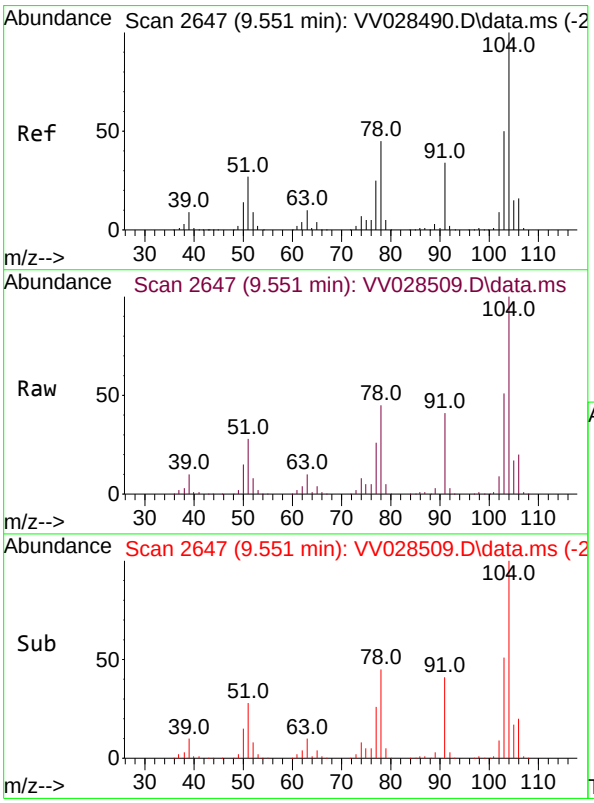
#54
o-Xylene
Concen: 50.854 ug/L
RT: 9.535 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:106 Resp: 203417

Ion	Ratio	Lower	Upper
106	100		
91	221.4	152.5	283.3

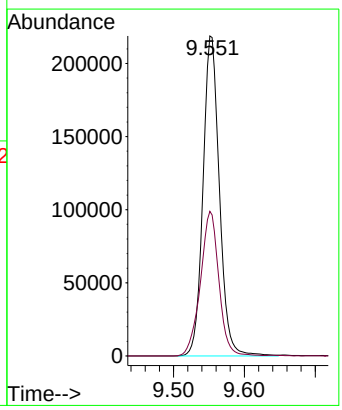


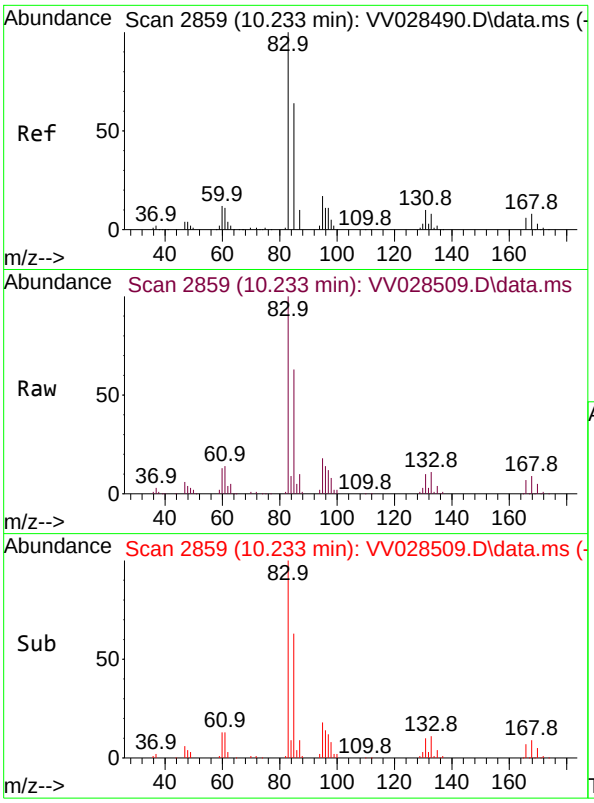


#55
Styrene
Concen: 51.270 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:104 Resp: 352186

Ion	Ratio	Lower	Upper
104	100		
78	45.2	31.9	59.2



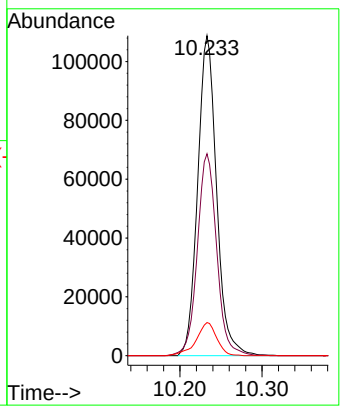


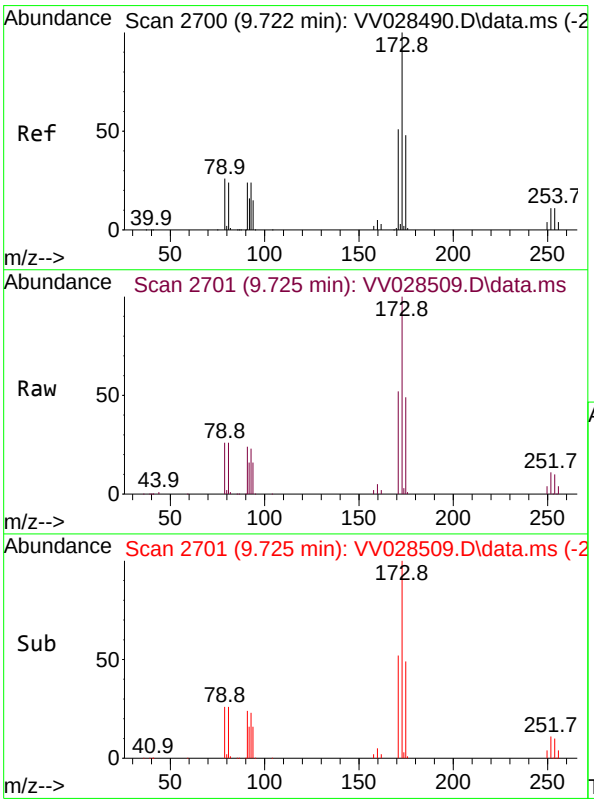
#57
1,1,2,2-Tetrachloroethane
Concen: 43.627 ug/L
RT: 10.233 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion: 83 Resp: 174057

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.8	83.2
131	10.4	7.2	10.8

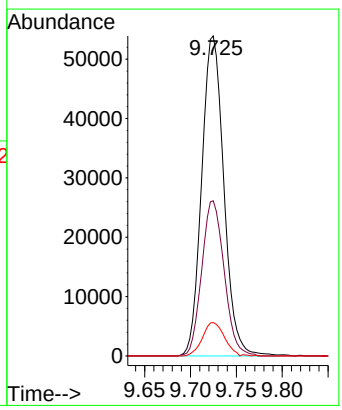


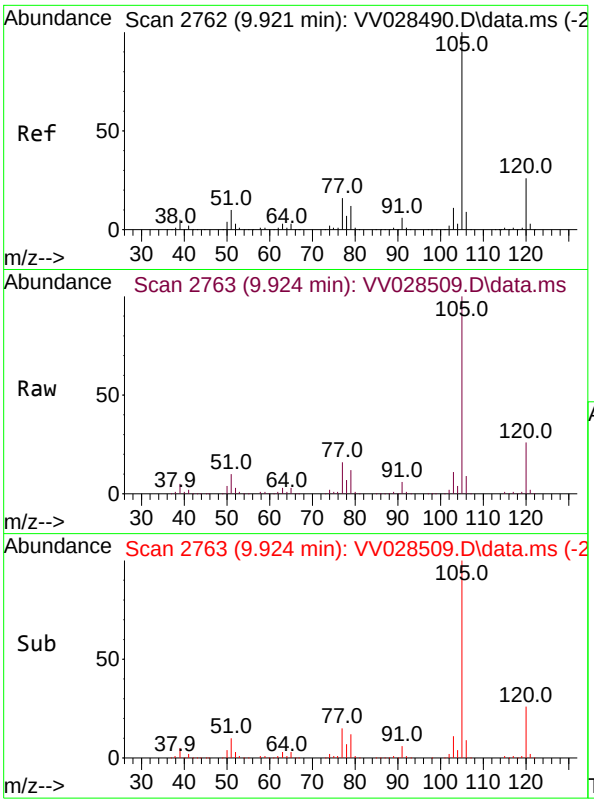


#59
Bromoform
Concen: 47.999 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:173 Resp: 90718

Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.6	57.8
254	10.4	8.4	12.6



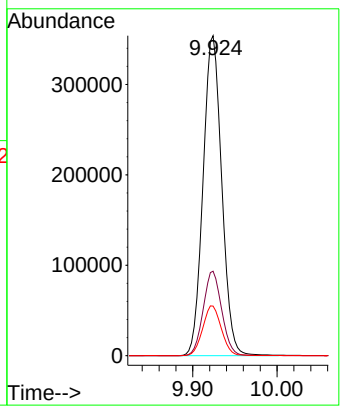


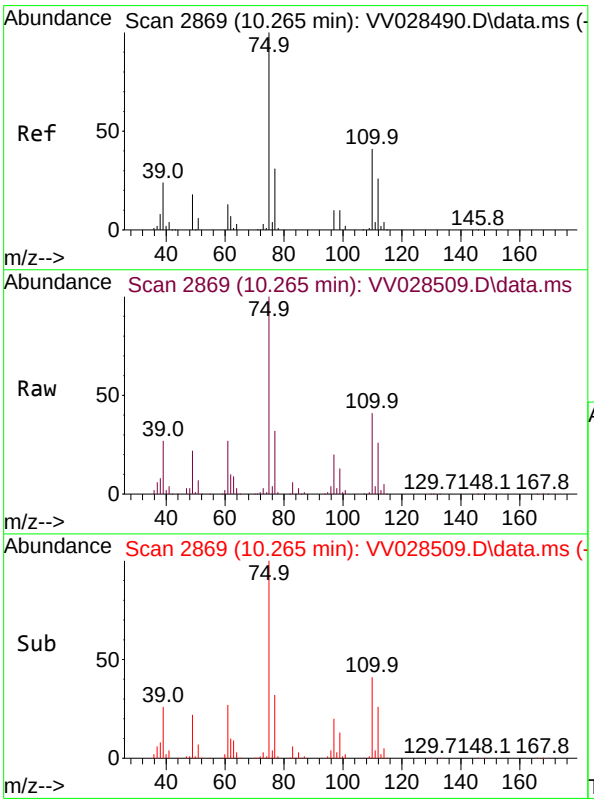
#60
Isopropylbenzene
Concen: 49.704 ug/L
RT: 9.924 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:105 Resp: 546631

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.5	30.7
77	15.5	12.7	19.1

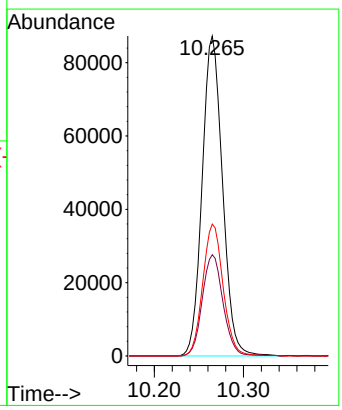


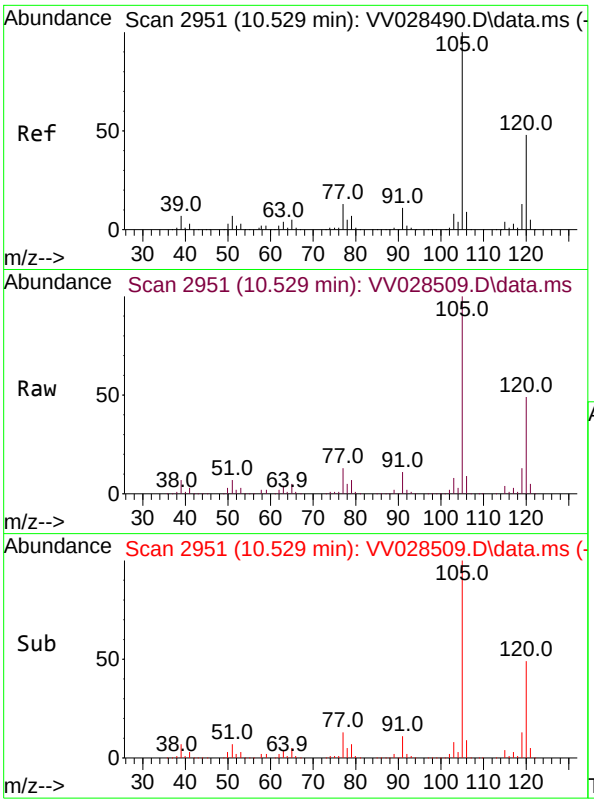


#61
1,2,3-Trichloropropane
Concen: 42.530 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 75 Resp: 138185

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
110	41.2	30.0	45.0



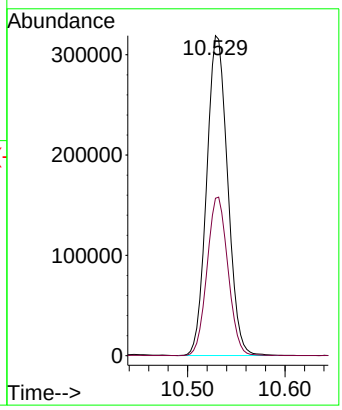


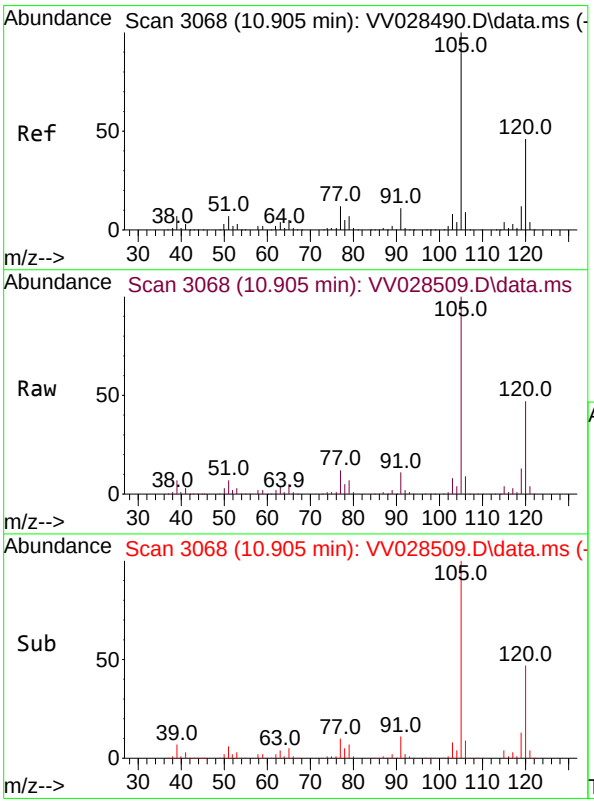
#62
1,3,5-Trimethylbenzene
Concen: 50.038 ug/L
RT: 10.529 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:105 Resp: 476620

Ion	Ratio	Lower	Upper
105	100		
120	49.5	39.1	58.7

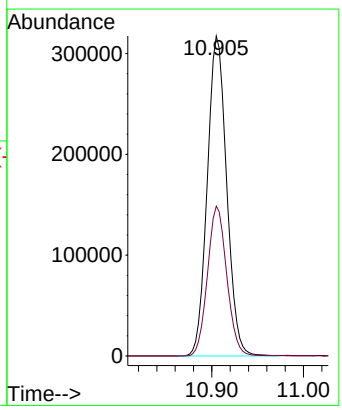


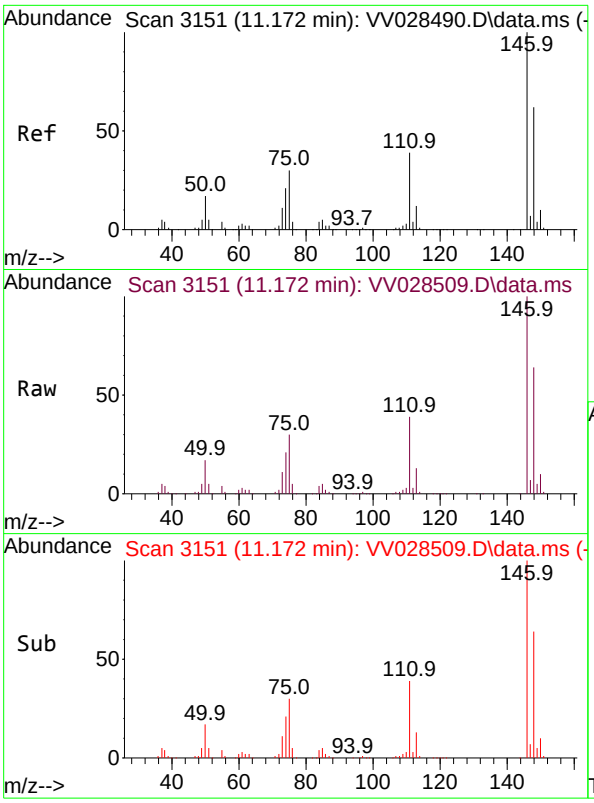


#63
1,2,4-Trimethylbenzene
Concen: 49.369 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:105 Resp: 466758

Ion	Ratio	Lower	Upper
105	100		
120	46.6	35.9	53.9



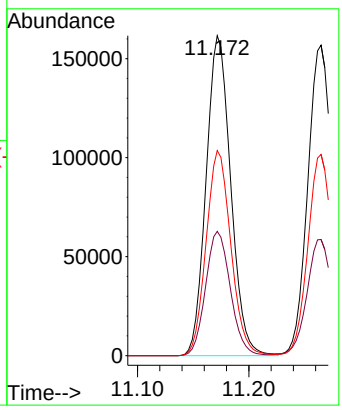


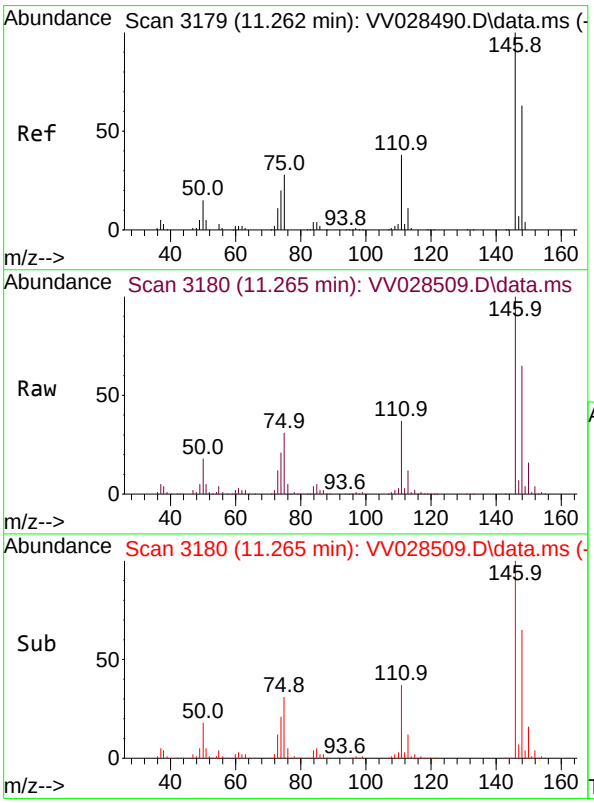
#64
1,3-Dichlorobenzene
Concen: 51.617 ug/L
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:146 Resp: 248291

Ion	Ratio	Lower	Upper
146	100		
111	38.9	29.0	53.9
148	64.1	44.6	82.8

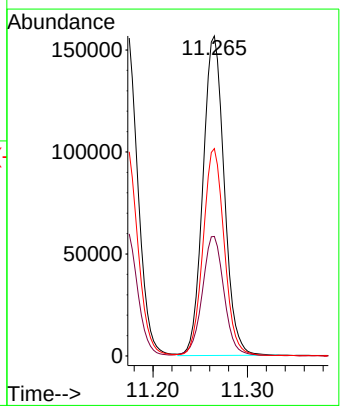


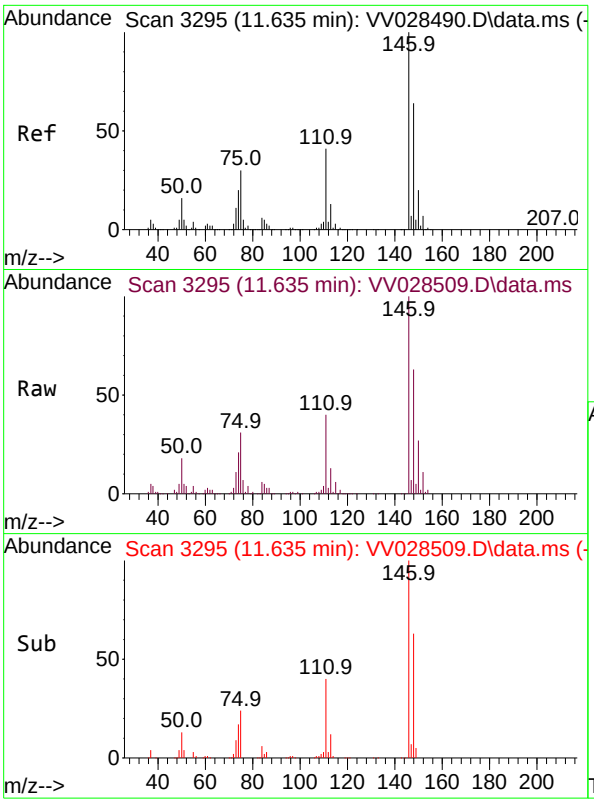


#65
1,4-Dichlorobenzene
Concen: 50.890 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:146 Resp: 244262

Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.6	49.4
148	64.8	43.4	80.6



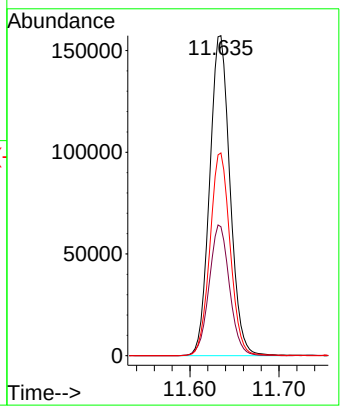


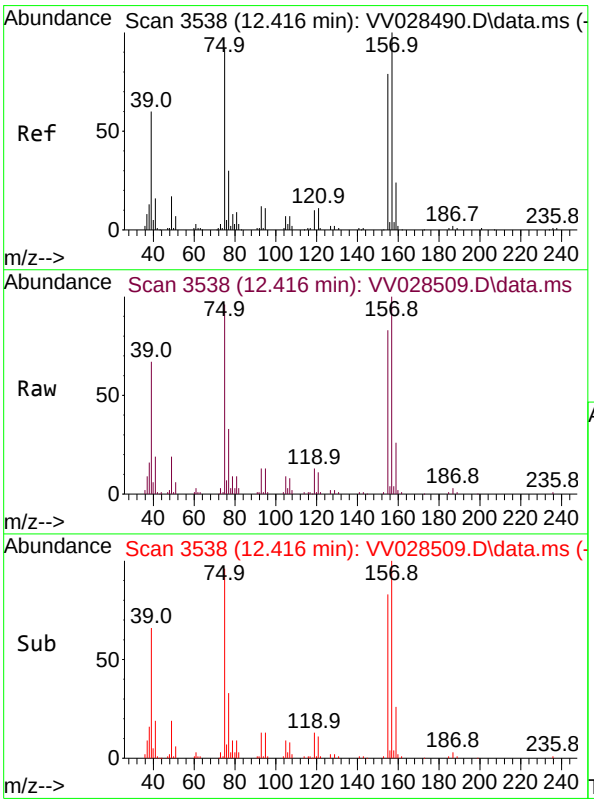
#67
1,2-Dichlorobenzene
Concen: 51.369 ug/L
RT: 11.635 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:146 Resp: 249390

Ion	Ratio	Lower	Upper
146	100		
111	40.3	33.9	50.9
148	63.4	50.6	75.8

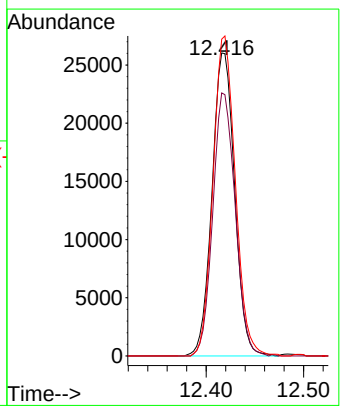


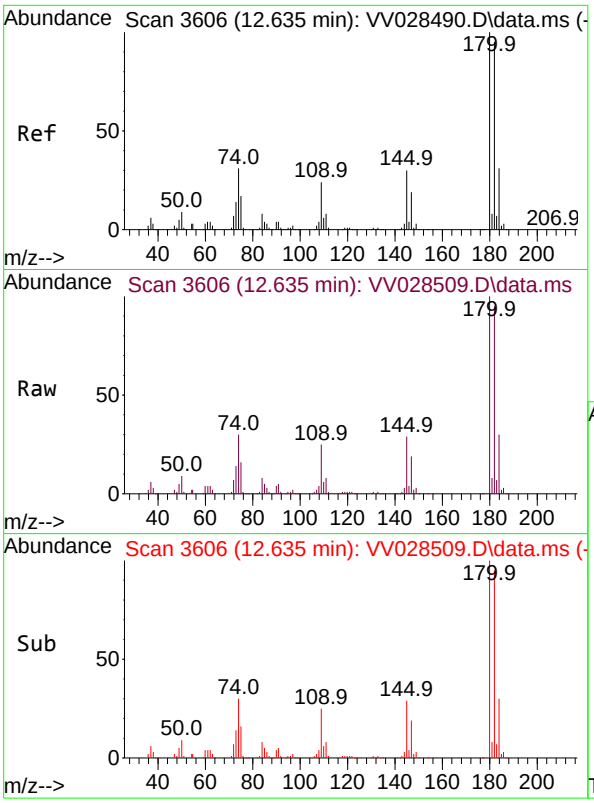


#68
1,2-Dibromo-3-chloropropane
Concen: 42.238 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion: 75 Resp: 41997

Ion	Ratio	Lower	Upper
75	100		
155	86.8	65.0	97.6
157	104.5	86.0	129.0



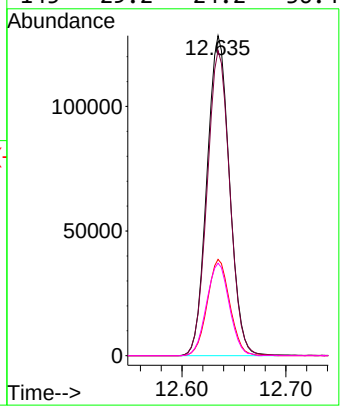


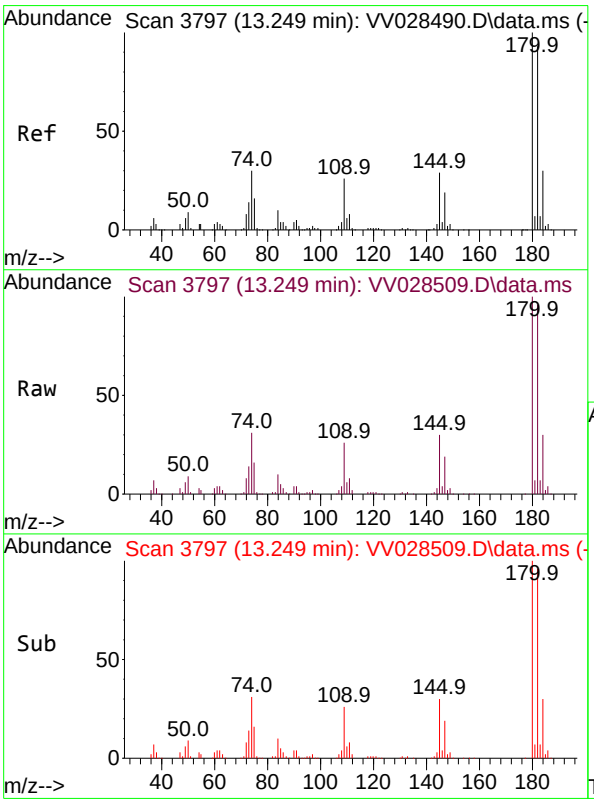
#69
1,3,5-Trichlorobenzene
Concen: 53.002 ug/L
RT: 12.635 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:180 Resp: 193638

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
184	30.0	24.0	36.0
145	29.2	24.2	36.4

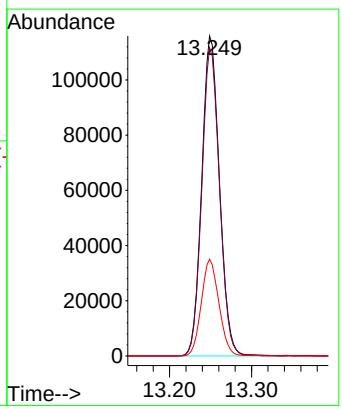


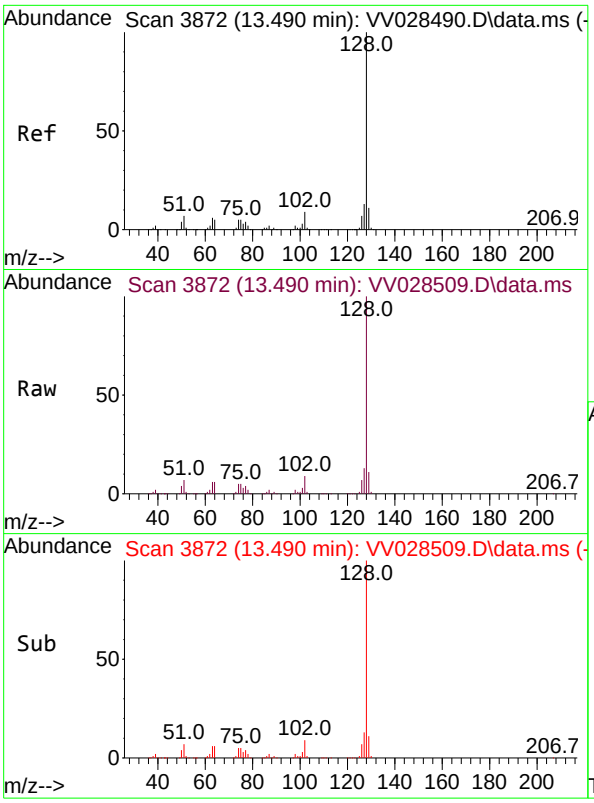


#70
1,2,4-trichlorobenzene
Concen: 54.079 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:180 Resp: 174142

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.3	112.9
145	29.9	24.3	36.5



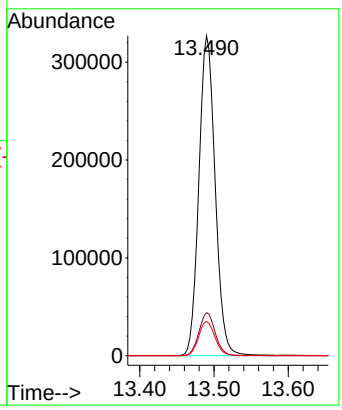


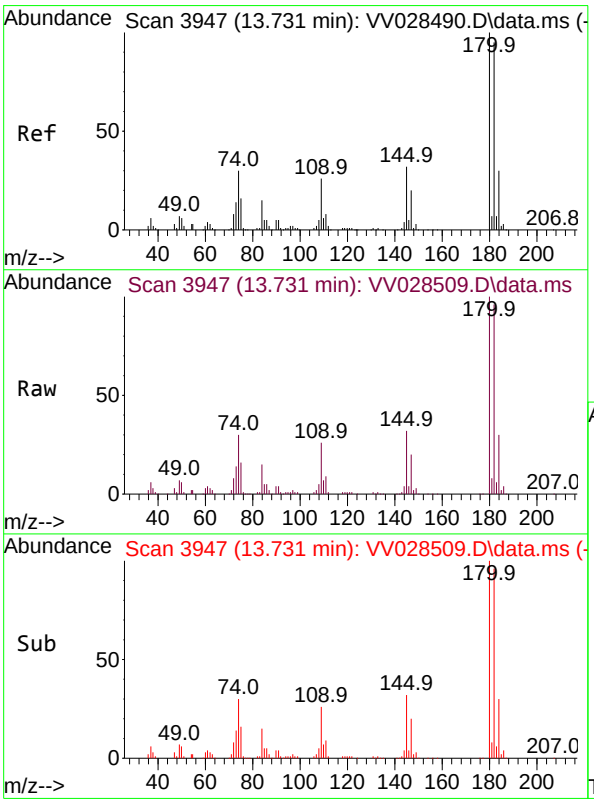
#71
Naphthalene
Concen: 49.808 ug/L
RT: 13.490 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD050356

Tgt Ion:128 Resp: 498860

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.9	13.3





#72
1,2,3-Trichlorobenzene
Concen: 54.279 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV028509.D
Acq: 10 Oct 2022 20:56

Tgt Ion:180 Resp: 170411

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.0
145	32.2	26.5	39.7