Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028351.D
Acq On : 05 Oct 2022 01:47
Operator : SY/MD
Sample : N4872-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 05 04:18:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	208815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	223684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.268	152	170167	5.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58646	3.738	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.561	69	57044	4.295	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.800%			
11) 1,1-Dichloroethene-d2	2.102	63	88426	2.990	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.800%#			
20) 2-Butanone-d5	3.892	46	157400	59.291	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.580%			
24) Chloroform-d	4.343	84	132422	4.659	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.027	65	63473	4.817	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.043	84	268160	4.370	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
36) 1,2-Dichloropropane-d6	6.063	67	82880	4.708	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.310	98	220612	3.909	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.622	79	26268	3.918	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.088	63	137002	49.927	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.860%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61900	4.639	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	11.645	152	140904	4.811	ug/L	0.02
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.200%			
Target Compounds						Qvalue
3) Chloromethane	1.237	50	2747	0.173	ug/L	99
8) Chloroethane	1.384	64	178040	14.904	ug/L #	50
12) 1,1-Dichloroethene	2.111	96	2155	0.144	ug/L #	1
13) Acetone	2.188	43	79945	45.861	ug/L	98
15) Methyl Acetate	2.188	43	79945	16.850	ug/L #	55
18) trans-1,2-Dichloroethene	2.761	96	3408	0.218	ug/L	78
19) 1,1-Dichloroethane	3.185	63	4884	0.184	ug/L	95
21) 2-Butanone	3.999	43	3477	1.314	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	33932	2.160	ug/L	98
25) Chloroform	4.372	83	6762	0.232	ug/L	98
30) Cyclohexane	4.667	56	3267	0.137	ug/L	92
33) Benzene	5.095	78	38290	0.575	ug/L	100
34) Trichloroethene	5.908	95	44644	2.678	ug/L	92
35) Methylcyclohexane	6.117	83	1758	0.065	ug/L #	60
39) cis-1,3-Dichloropropene	6.986	75	1818	0.083	ug/L #	78
47) Tetrachloroethene	7.973	164	75094	5.154	ug/L	97
49) Dibromochloromethane	7.969	129	66799	4.614	ug/L #	11
51) Chlorobenzene	8.879	112	15298306	328.310	ug/L #	84
52) Ethylbenzene	9.014	91	3543	0.048	ug/L	94

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Sample : N4872-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 05 04:18:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) 1,1,2,2-Tetrachloroethane	10.497	83	10579	0.815	ug/L	#	25
61) 1,2,3-Trichloropropane	11.194	75	10793848	822.069	ug/L	#	50
62) 1,3,5-Trimethylbenzene	11.516	105	89937	3.040	ug/L	#	1
63) 1,2,4-Trimethylbenzene	11.516	105	89937	1.072	ug/L	#	1
68) 1,2-Dibromo-3-chloropr...	12.394	75	6030	2.016	ug/L	#	2
70) 1,2,4-trichlorobenzene	13.259	180	12704	0.412	ug/L		94
72) 1,2,3-Trichlorobenzene	13.744	180	4335	0.156	ug/L		97

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

Quantitation Report (Not Reviewed)

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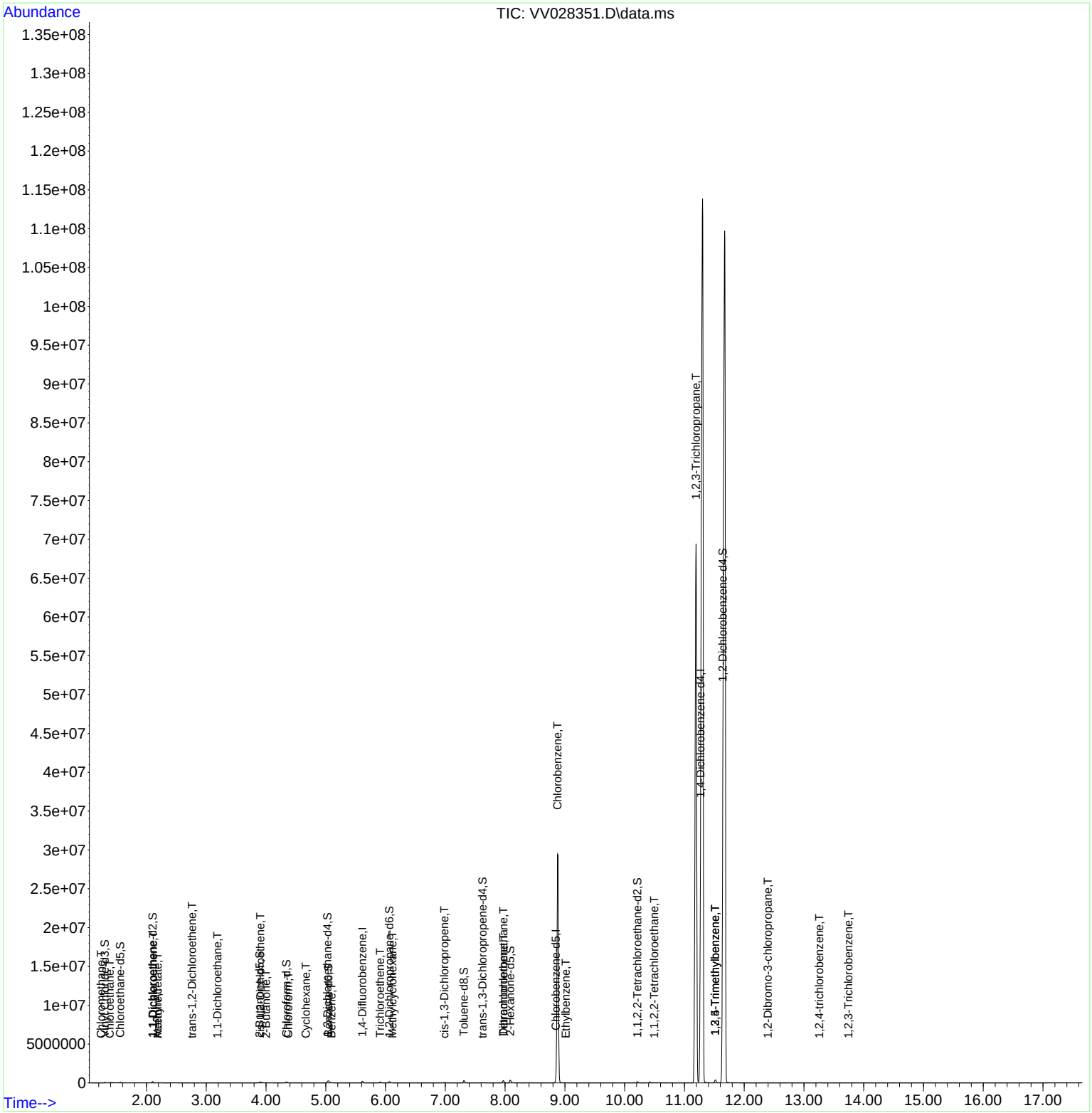
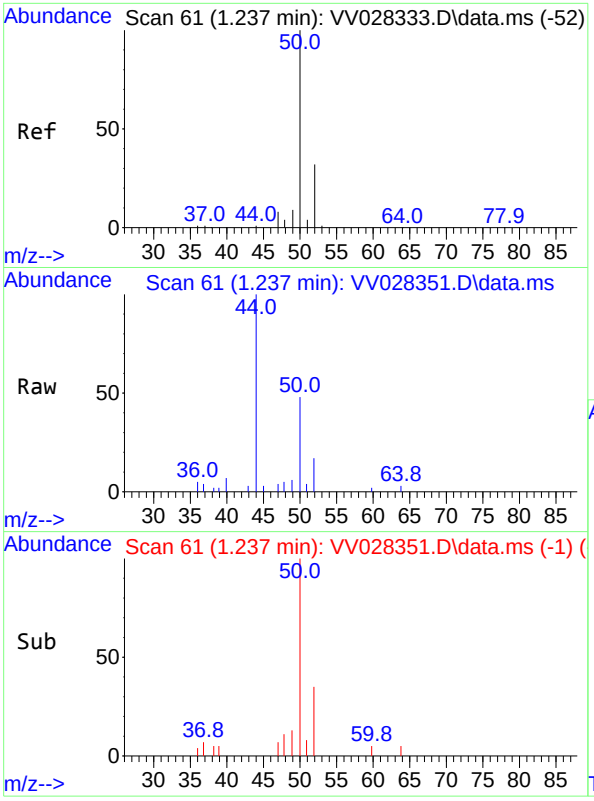
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



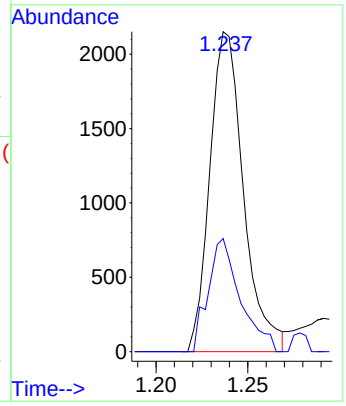


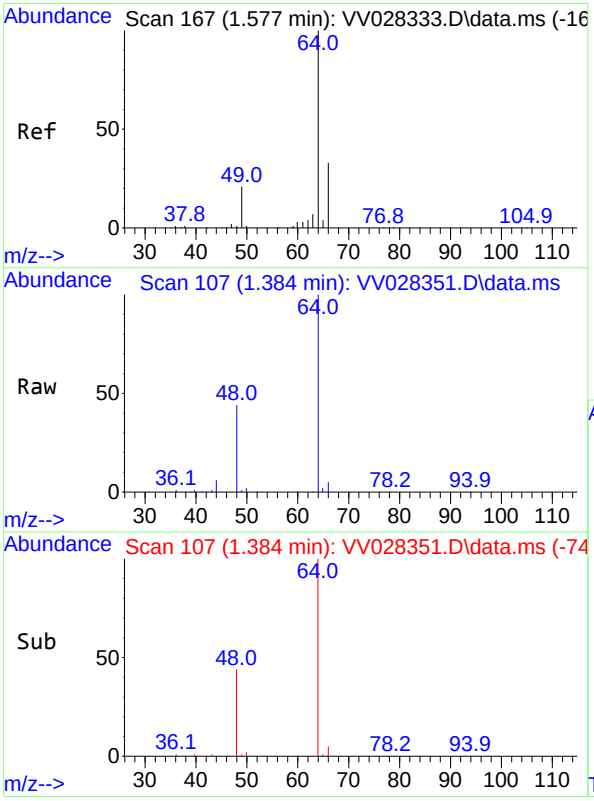
#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 2747

Ion	Ratio	Lower	Upper
50	100		
52	35.3	24.4	45.2

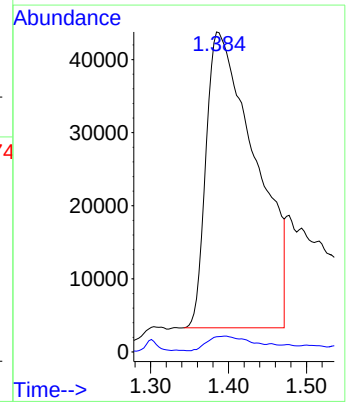


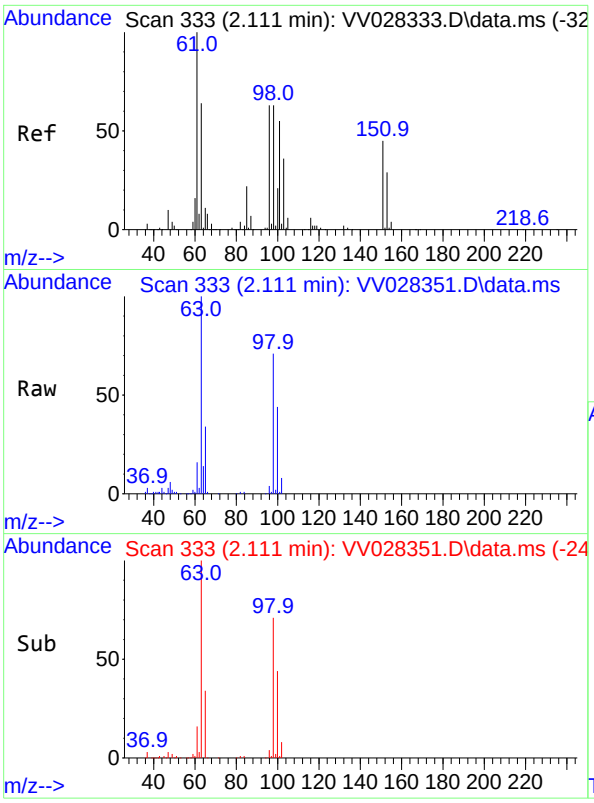


#8
Chloroethane
Concen: 14.904 ug/L
RT: 1.384 min Scan# 107
Delta R.T. -0.193 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 64 Resp: 178040

Ion	Ratio	Lower	Upper
64	100		
66	4.7	23.0	42.8#



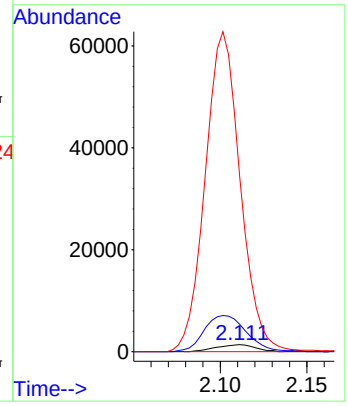


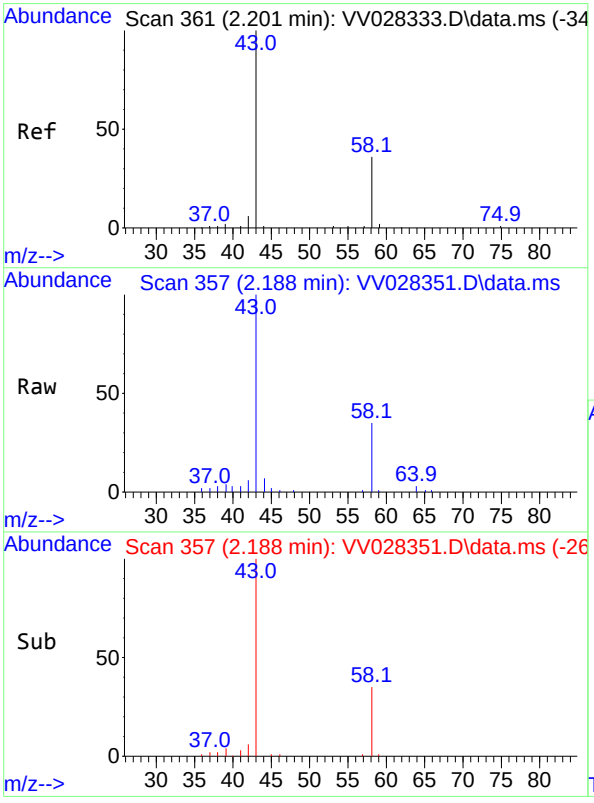
#12
1,1-Dichloroethene
Concen: 0.144 ug/L
RT: 2.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2155

Ion	Ratio	Lower	Upper
96	100		
61	393.3	128.3	238.3#
63	2516.9	112.7	209.3#

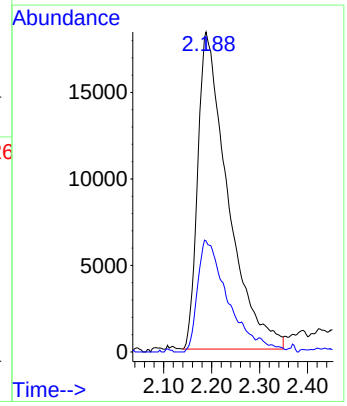


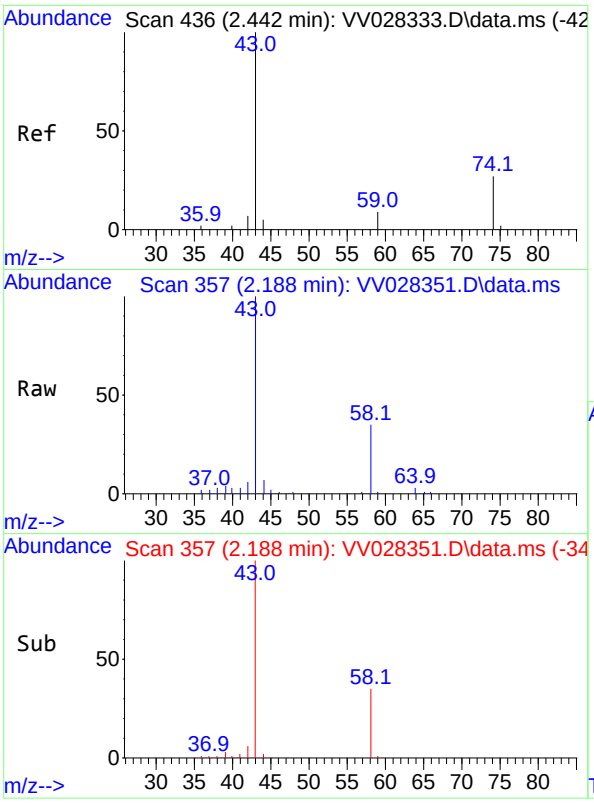


#13
Acetone
Concen: 45.861 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.013 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 43 Resp: 79945

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	65.6



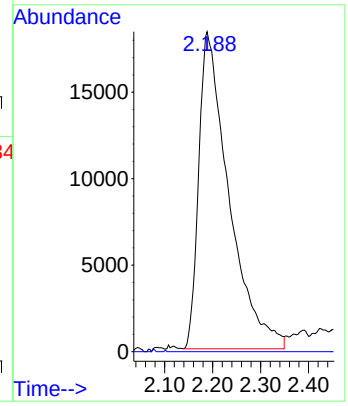


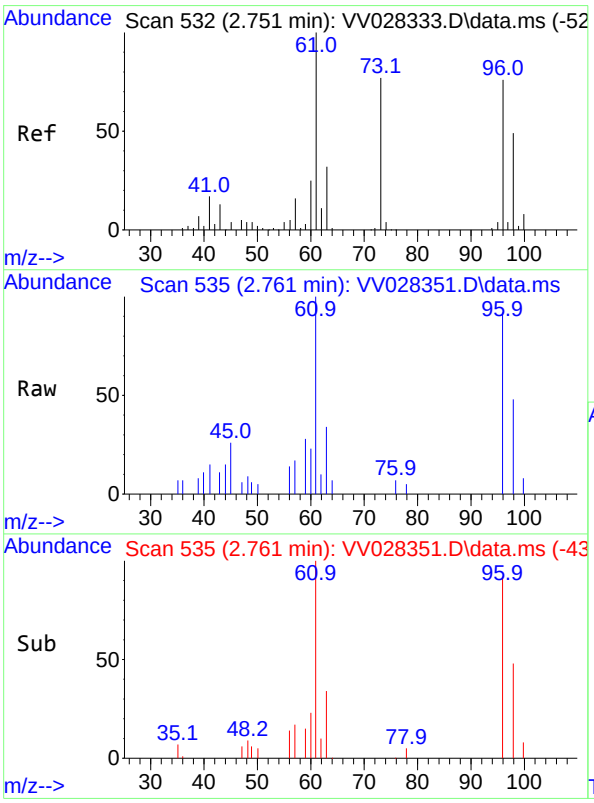
#15
Methyl Acetate
Concen: 16.850 ug/L
RT: 2.188 min Scan# 3
Delta R.T. -0.244 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 79945

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#

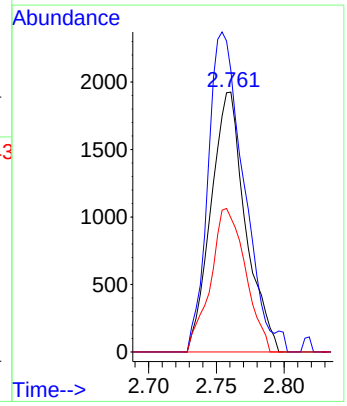


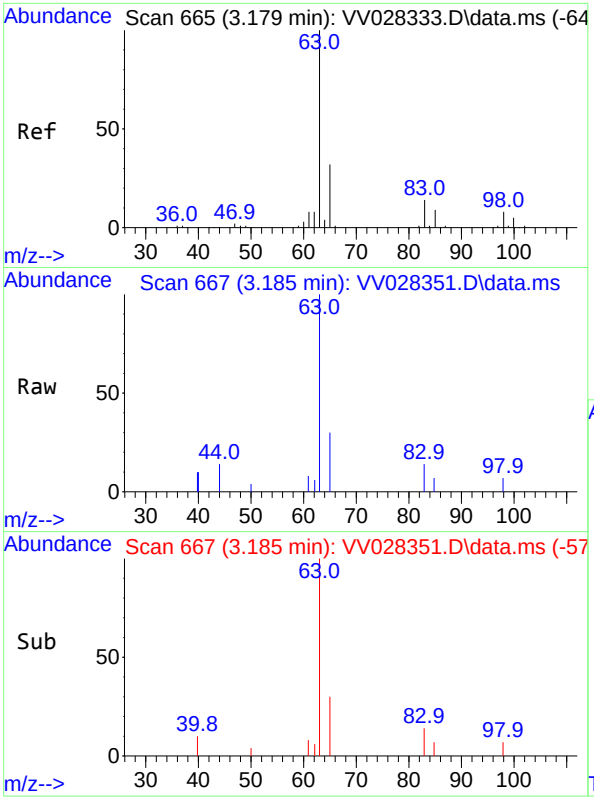


#18
trans-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 96 Resp: 3408

Ion	Ratio	Lower	Upper
96	100		
61	108.3	96.2	178.6
98	51.6	45.7	84.9



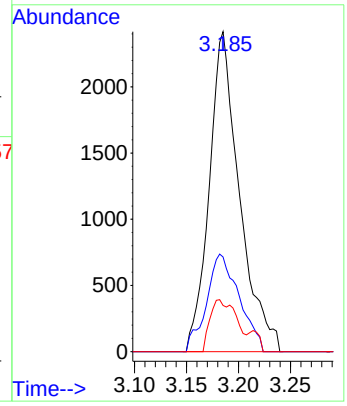


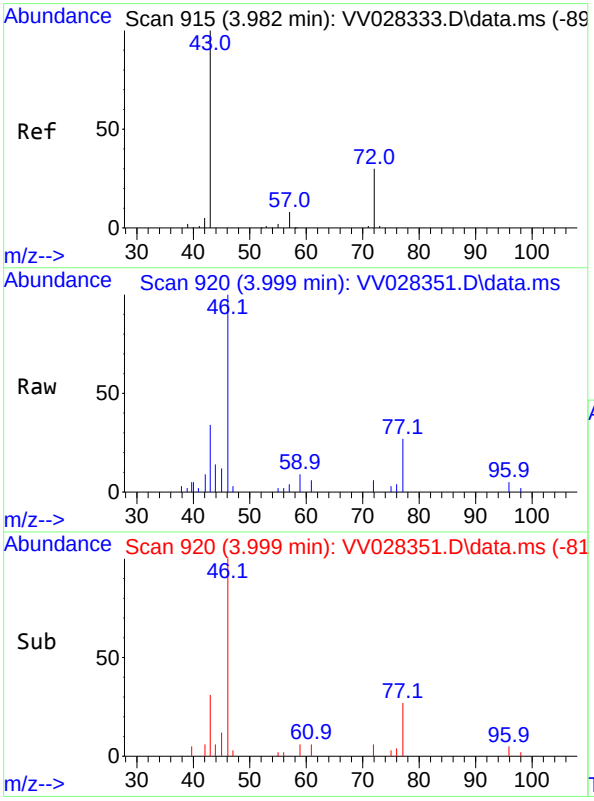
#19
1,1-Dichloroethane
Concen: 0.184 ug/L
RT: 3.185 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4884

Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.0	42.8
83	14.4	9.2	17.2

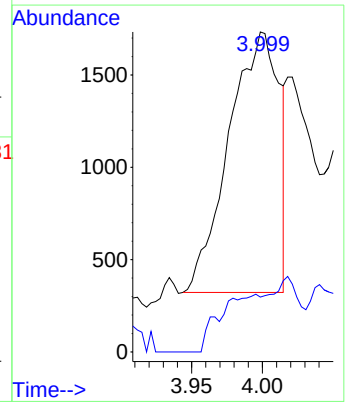


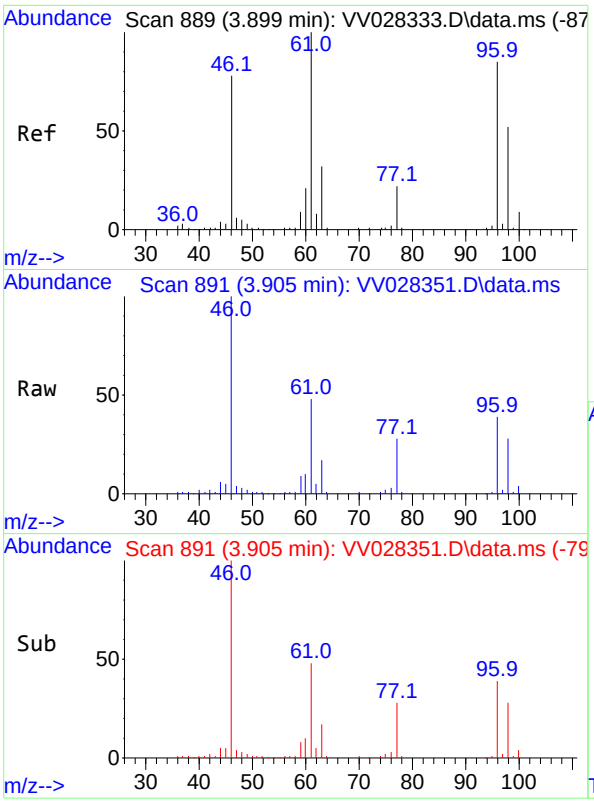


#21
2-Butanone
Concen: 1.314 ug/L
RT: 3.999 min Scan# 920
Delta R.T. 0.029 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 43 Resp: 3477

Ion	Ratio	Lower	Upper
43	100		
72	17.8	12.7	38.1



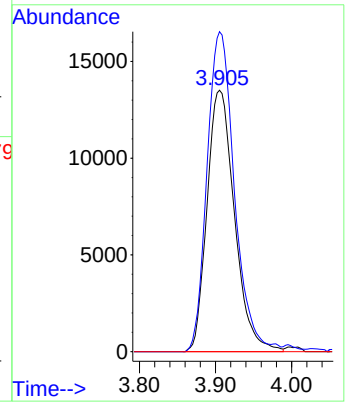


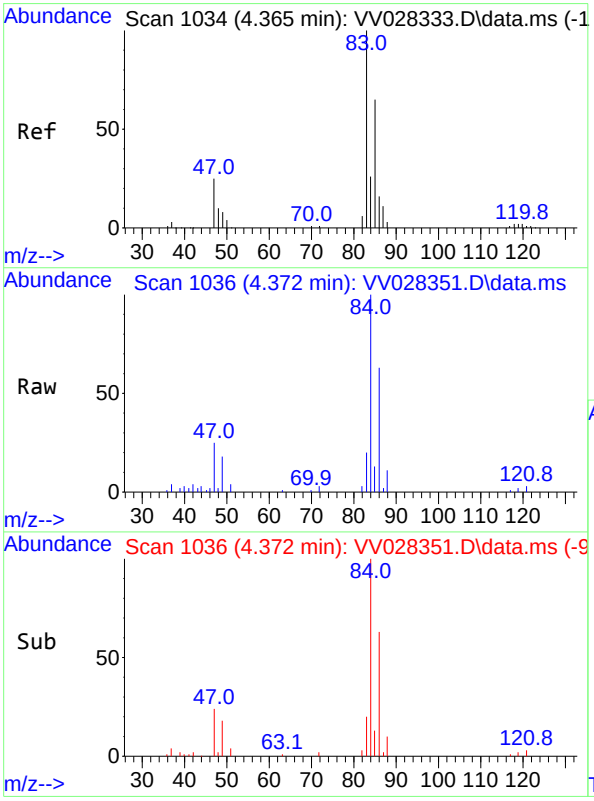
#22
cis-1,2-Dichloroethene
Concen: 2.160 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 33932

Ion	Ratio	Lower	Upper
96	100		
61	122.4	87.2	161.9
68	0.0	0.0	0.0

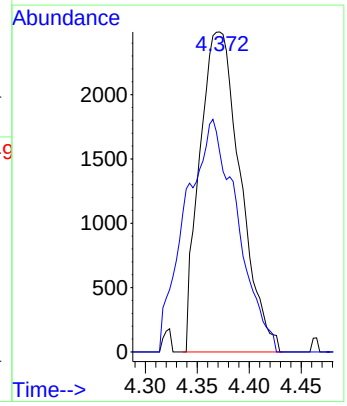


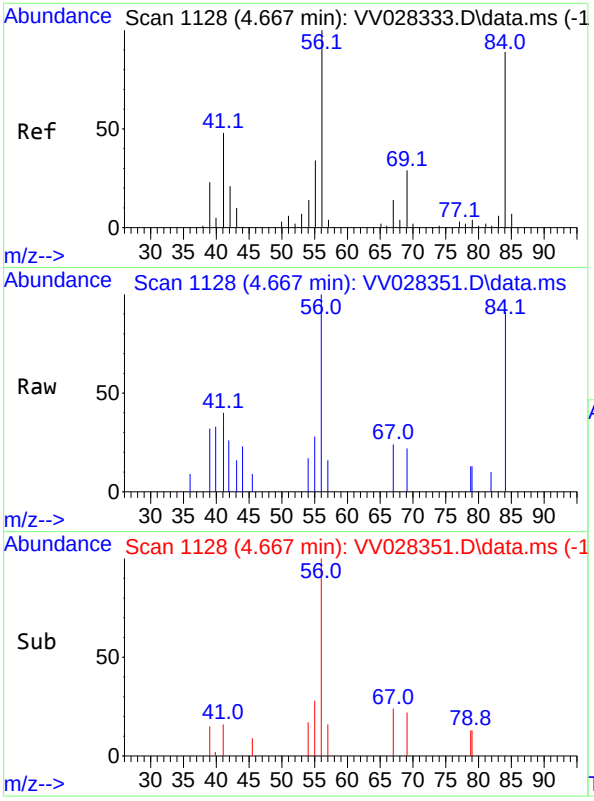


#25
Chloroform
Concen: 0.232 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 83 Resp: 6762

Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.1	83.7



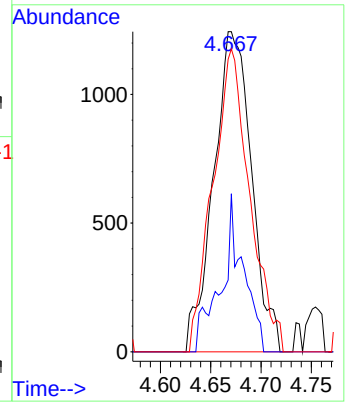


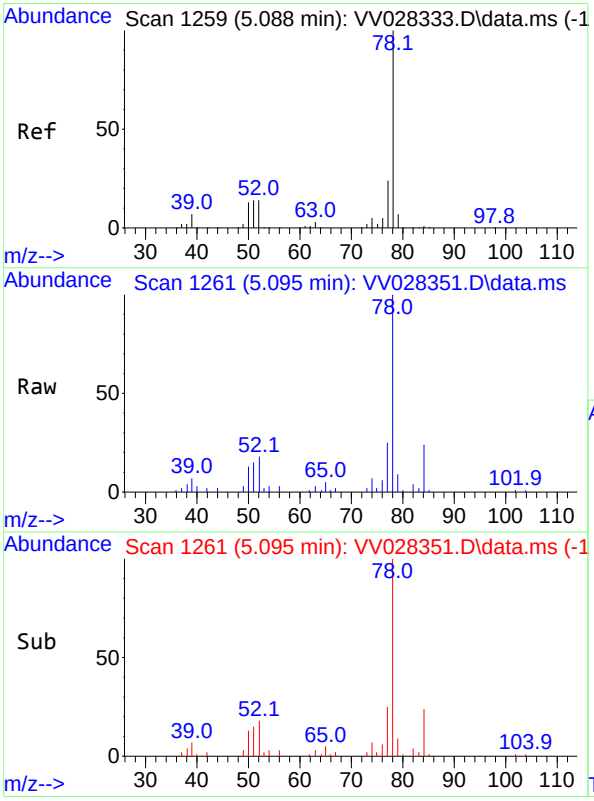
#30
Cyclohexane
Concen: 0.137 ug/L
RT: 4.667 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 3267

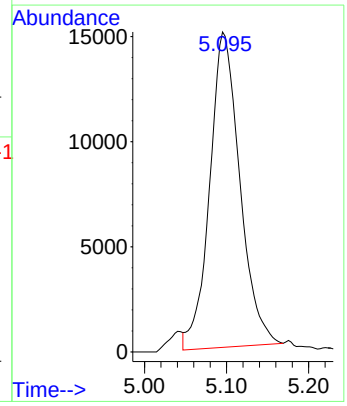
Ion	Ratio	Lower	Upper
56	100		
69	25.5	23.7	35.5
84	91.6	67.3	100.9

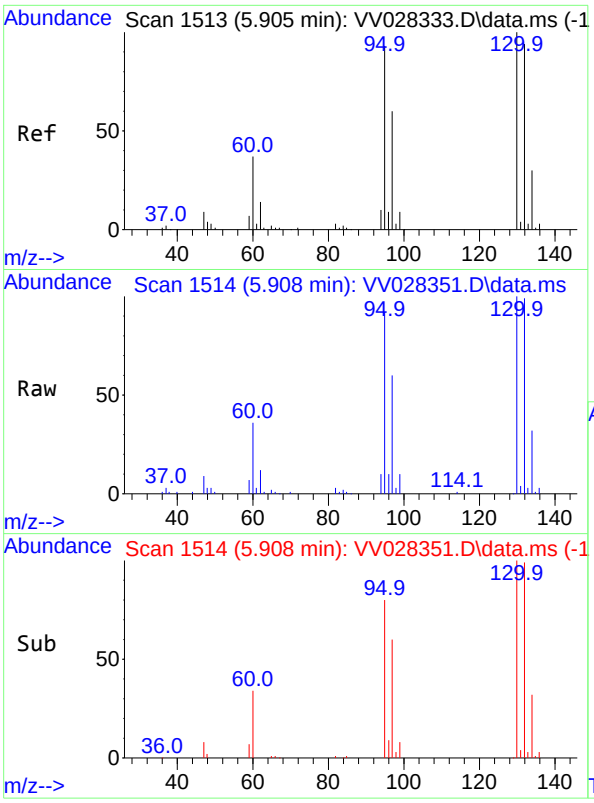




#33
Benzene
Concen: 0.575 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 78 Resp: 38290



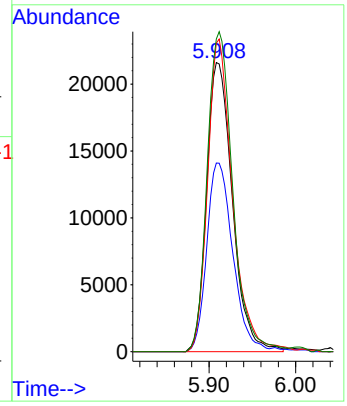


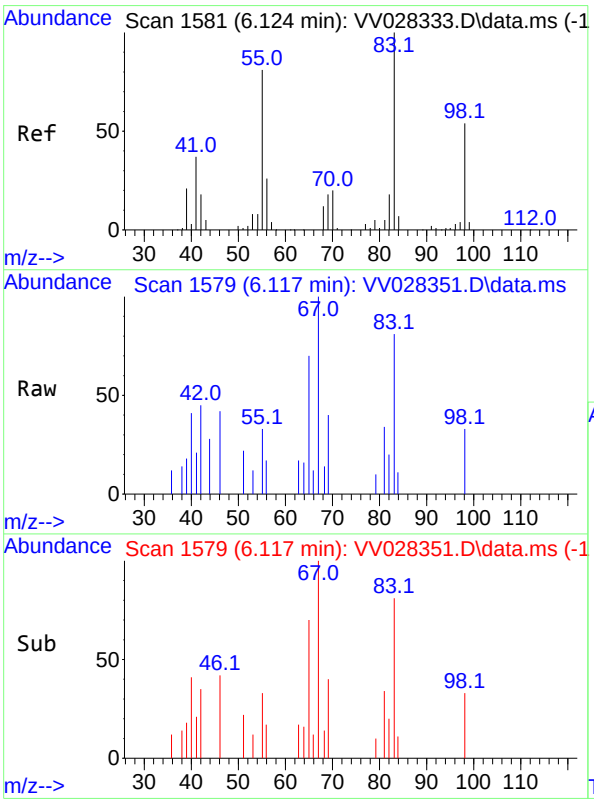
#34
Trichloroethene
Concen: 2.678 ug/L
RT: 5.908 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 44644

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.2	82.0
132	106.7	67.8	126.0
130	108.1	68.8	127.8

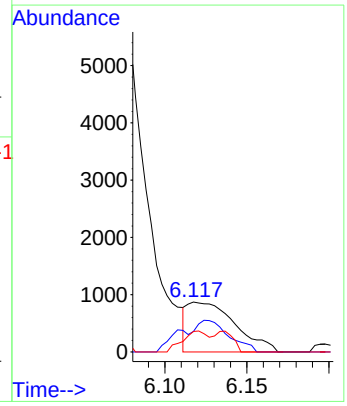


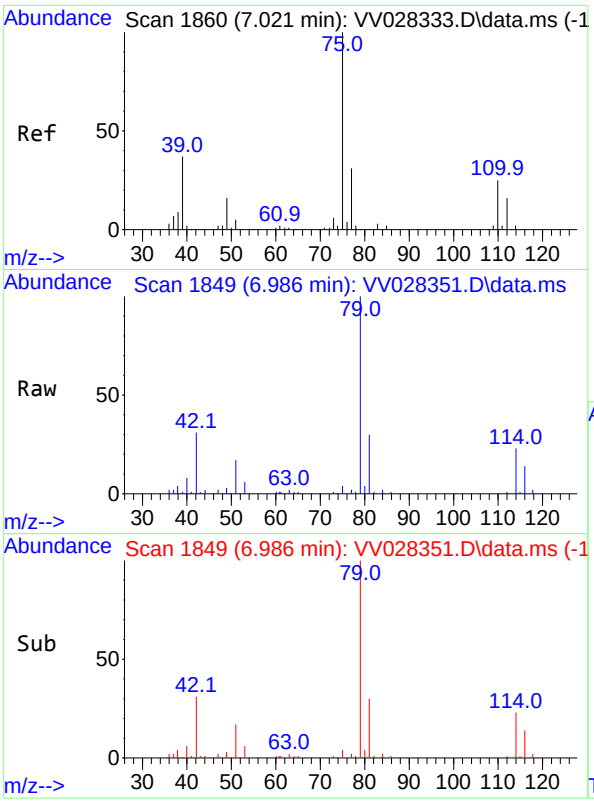


#35
Methylcyclohexane
Concen: 0.065 ug/L
RT: 6.117 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 83 Resp: 1758

Ion	Ratio	Lower	Upper
83	100		
55	44.9	64.7	97.1#
98	22.2	39.5	59.3#



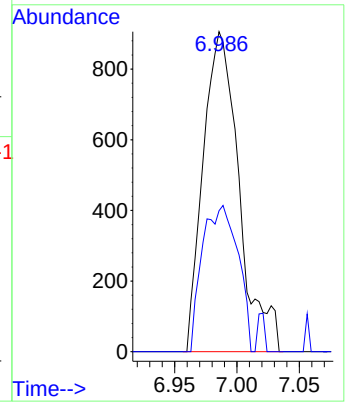


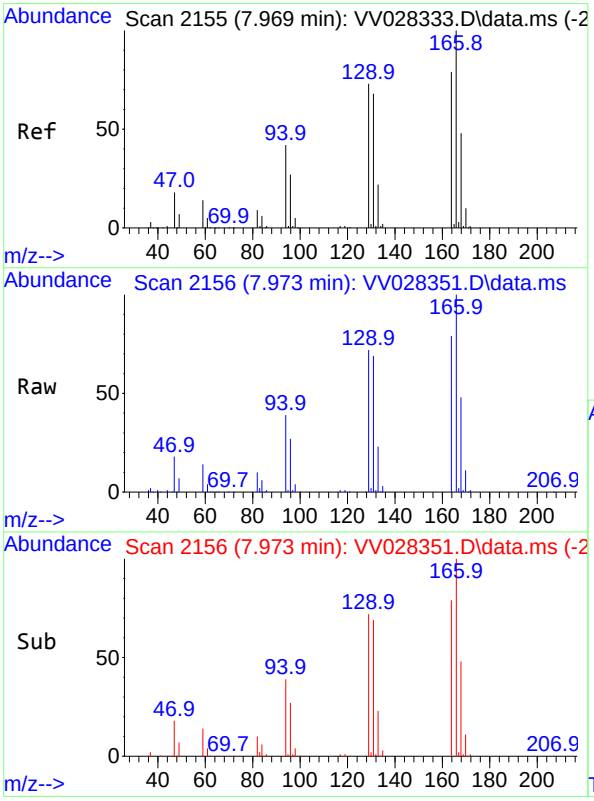
#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 6.986 min Scan# 1
Delta R.T. -0.038 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1818

Ion	Ratio	Lower	Upper
75	100		
77	44.0	22.4	41.6#

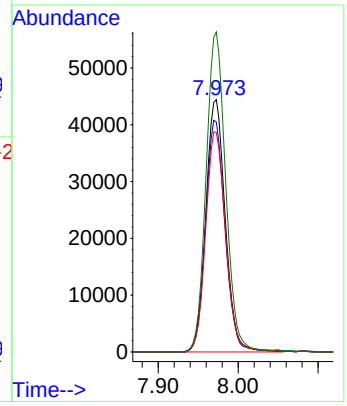


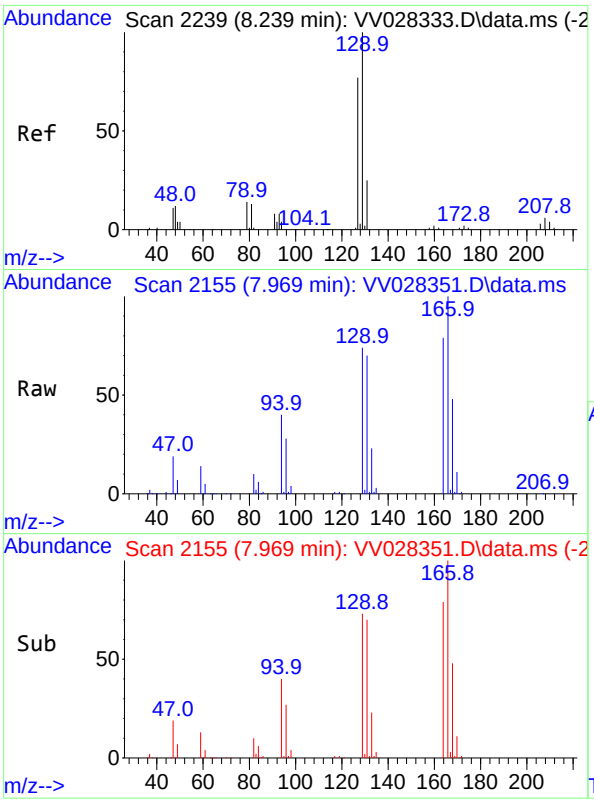


#47
Tetrachloroethene
Concen: 5.154 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.004 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion:164 Resp: 75094

Ion	Ratio	Lower	Upper
164	100		
129	91.2	66.7	123.9
131	87.0	61.7	114.5
166	126.8	90.9	168.9



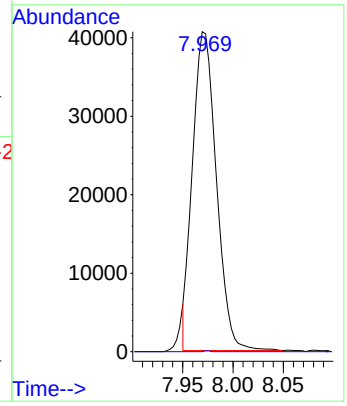


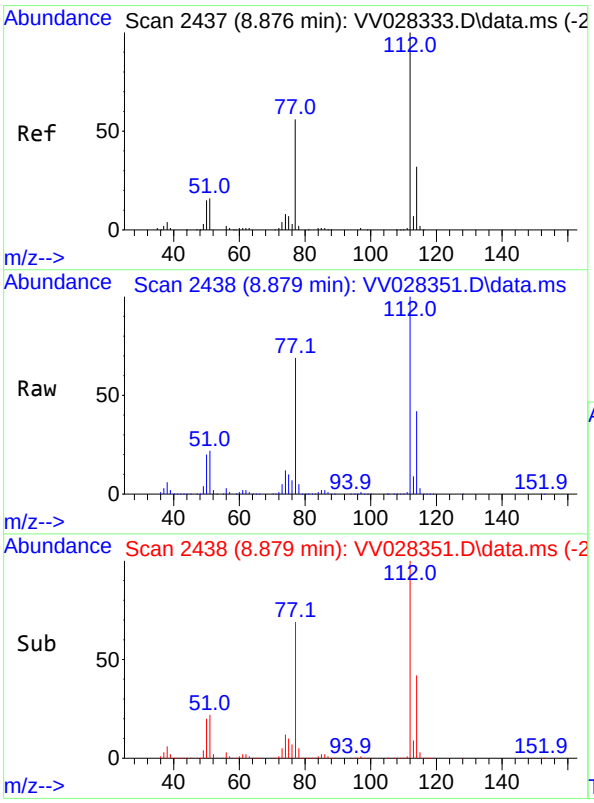
#49
Dibromochloromethane
Concen: 4.614 ug/L
RT: 7.969 min Scan# 2
Delta R.T. -0.273 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 66799

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#

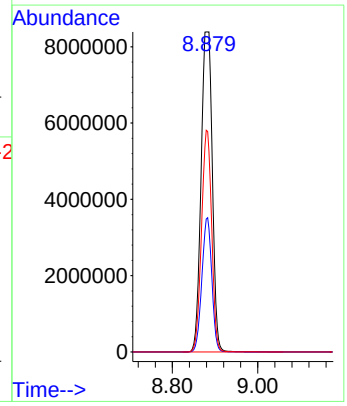


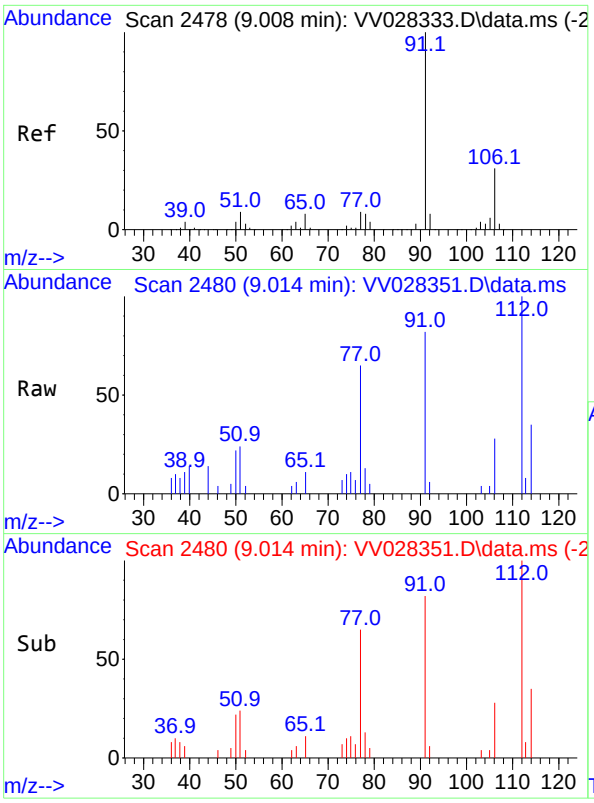


#51
Chlorobenzene
Concen: 328.310 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion:112 Resp:15298306

Ion	Ratio	Lower	Upper
112	100		
114	41.6	22.5	41.7
77	69.3	46.1	69.1#



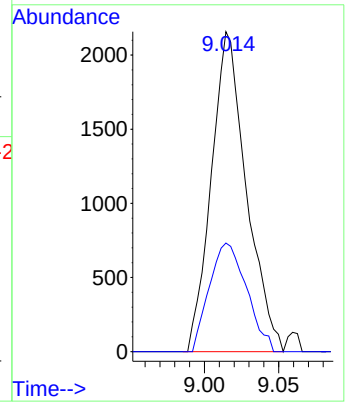


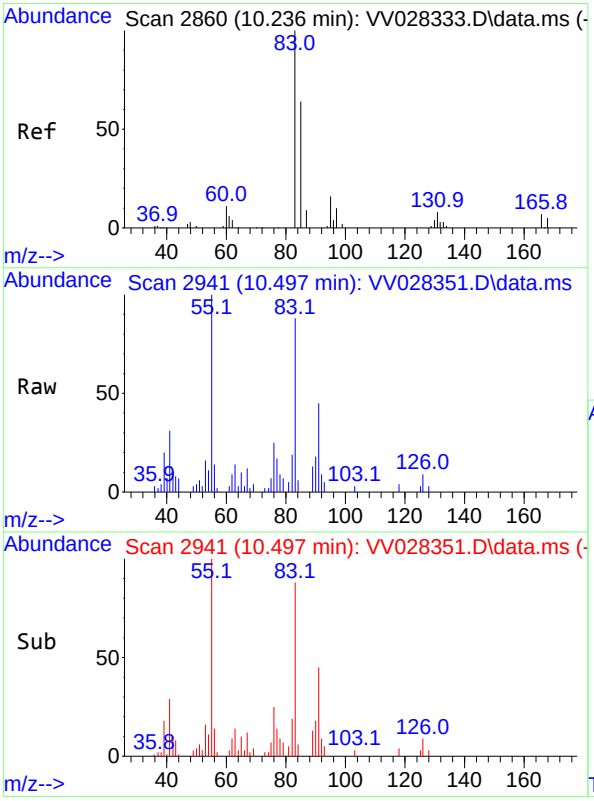
#52
Ethylbenzene
Concen: 0.048 ug/L
RT: 9.014 min Scan# 24
Delta R.T. 0.007 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 3543

Ion	Ratio	Lower	Upper
91	100		
106	34.0	21.5	39.9

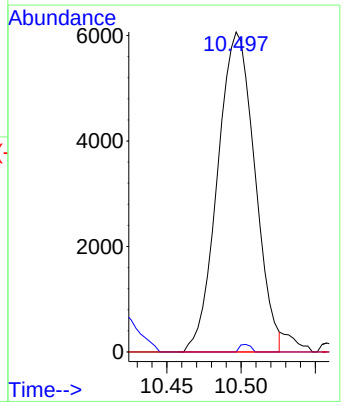


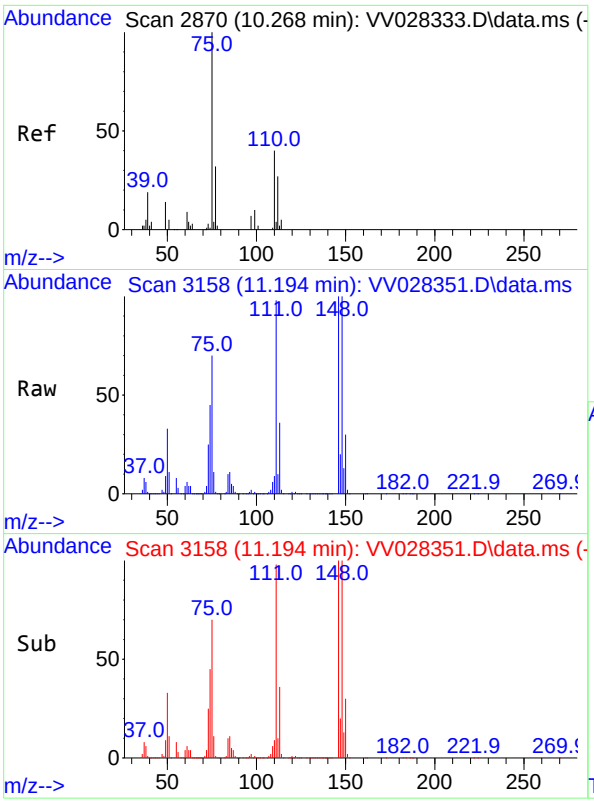


#57
1,1,2,2-Tetrachloroethane
Concen: 0.815 ug/L
RT: 10.497 min Scan# 2941
Delta R.T. 0.257 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 83 Resp: 10579

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.2	84.0#
131	0.0	7.8	11.8#



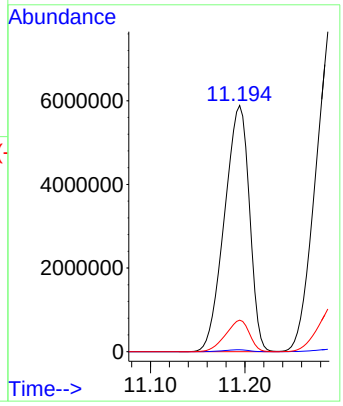


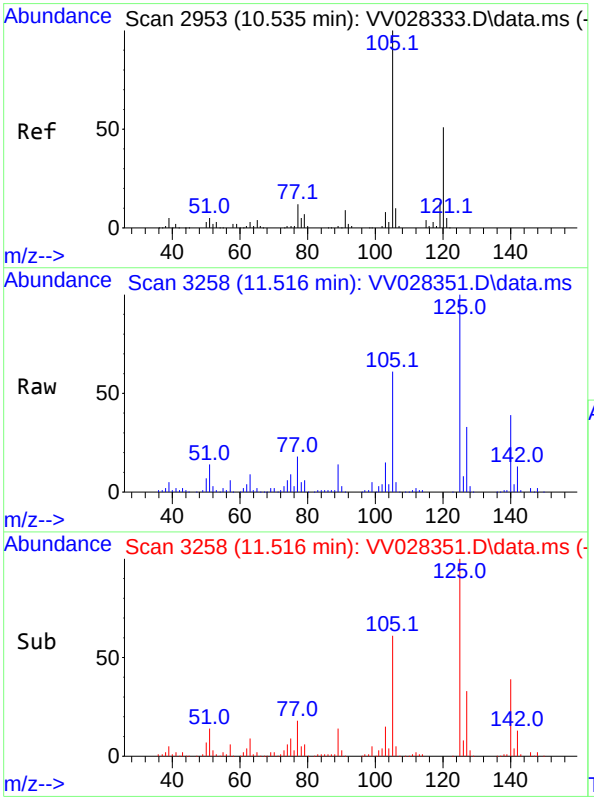
#61
1,2,3-Trichloropropane
Concen: 822.069 ug/L
RT: 11.194 min Scan# 3
Delta R.T. 0.923 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp:10793848

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.7	40.1#
110	12.2	30.1	45.1#

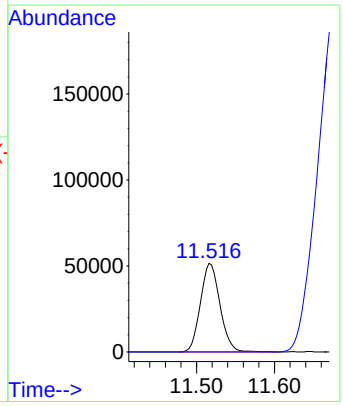


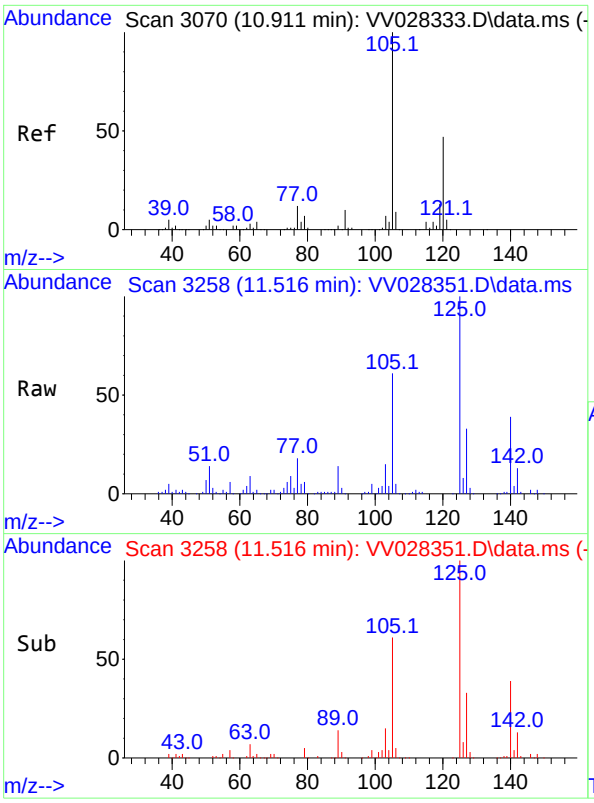


#62
1,3,5-Trimethylbenzene
Concen: 3.040 ug/L
RT: 11.516 min Scan# 3258
Delta R.T. 0.981 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion:105 Resp: 89937

Ion	Ratio	Lower	Upper
105	100		
120	405.6	40.6	61.0#



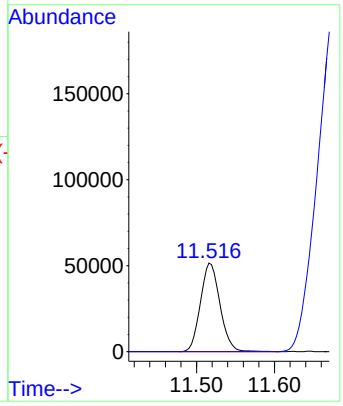


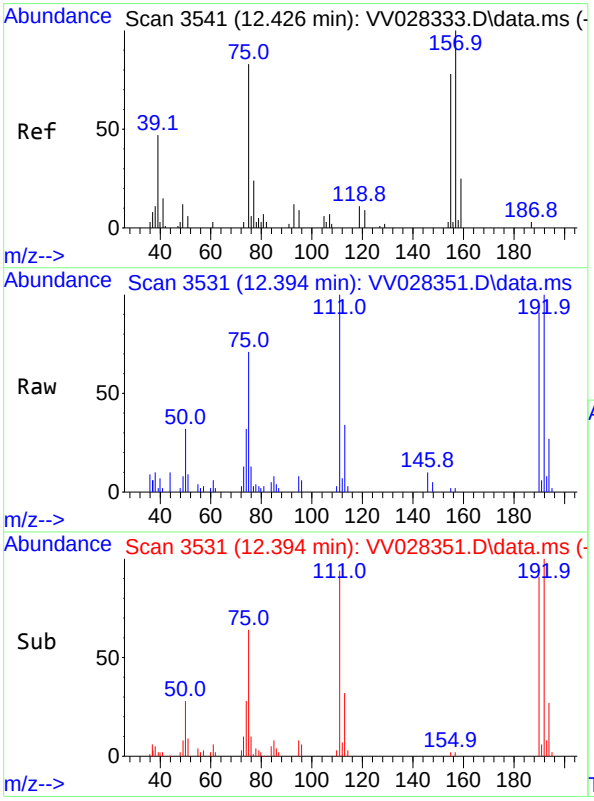
#63
1,2,4-Trimethylbenzene
Concen: 1.072 ug/L
RT: 11.516 min Scan# 3
Delta R.T. 0.605 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 89937

Ion	Ratio	Lower	Upper
105	100		
120	405.6	37.8	56.8#

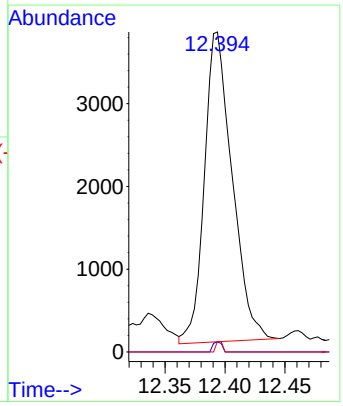


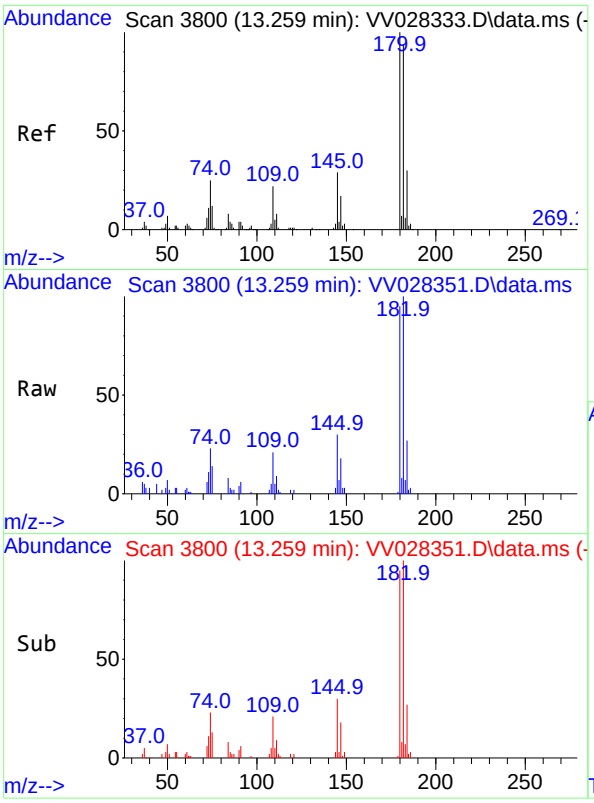


#68
1,2-Dibromo-3-chloropropane
Concen: 2.016 ug/L
RT: 12.394 min Scan# 3531
Delta R.T. -0.032 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion: 75 Resp: 6030

Ion	Ratio	Lower	Upper
75	100		
155	3.1	73.6	110.4#
157	3.3	90.7	136.1#



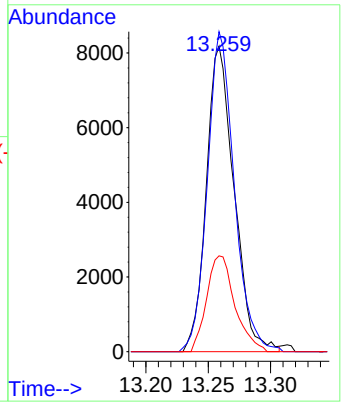


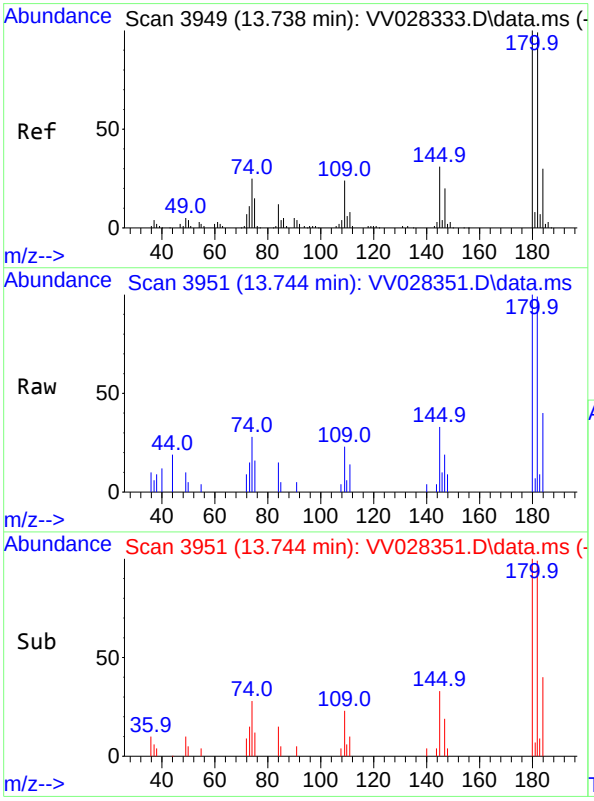
#70
1,2,4-trichlorobenzene
Concen: 0.412 ug/L
RT: 13.259 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 12704

Ion	Ratio	Lower	Upper
180	100		
182	101.7	76.3	114.5
145	31.8	22.9	34.3





#72
1,2,3-Trichlorobenzene
Concen: 0.156 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion:180 Resp: 4335

Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.4	116.0
145	32.8	24.6	36.8