Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
Data File : VV030932.D
Acq On : 28 Apr 2023 19:46
Operator : SY/MD
Sample : O2488-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Quant Time: Apr 29 01:13:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.542	114	102558	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.792	117	103837	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56461	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.278	65	38914	4.605 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.200%		
7) Chloroethane-d5	1.535	69	34567	5.015 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.200%		
11) 1,1-Dichloroethene-d2	2.060	65	19602	4.383 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.600%		
20) 2-Butanone-d5	3.876	46	23756	15.854 ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 31.700%#		
24) Chloroform-d	4.259	84	82955	4.940 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%		
26) 1,2-Dichloroethane-d4	4.953	65	47129	5.520 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.400%		
32) Benzene-d6	4.969	84	139468	4.582 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%		
36) 1,2-Dichloropropane-d6	5.998	67	42980	4.856 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%		
41) Toluene-d8	7.252	98	117430	4.052 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.000%		
43) trans-1,3-Dichloroprop...	7.564	79	15714	4.737 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.800%		
46) 2-Hexanone-d5	8.043	63	63442	54.581 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.160%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36069	5.623 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.400%		
66) 1,2-Dichlorobenzene-d4	11.567	152	50209	4.771 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%		
Target Compounds					Qvalue
3) Chloromethane	1.217	50	1286	0.135 ug/L #	71
5) Vinyl chloride	1.281	62	692	0.087 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2948	0.393 ug/L #	87
12) 1,1-Dichloroethene	2.072	96	50861	7.369 ug/L	84
13) Acetone	2.185	43	3375	2.637 ug/L	65
14) Carbon disulfide	2.243	76	103011	5.704 ug/L	99
19) 1,1-Dichloroethane	3.121	63	3990	0.328 ug/L #	84
22) cis-1,2-Dichloroethene	3.841	96	2403	0.361 ug/L	75
29) 1,1,1-Trichloroethane	4.519	97	19380	1.485 ug/L	98
34) Trichloroethene	5.838	95	167549	24.065 ug/L	96
42) Toluene	7.323	91	124199	4.417 ug/L	99
47) Tetrachloroethene	7.911	164	50591	7.617 ug/L	95
48) 2-Hexanone	8.098	43	9929	4.033 ug/L #	72
49) Dibromochloromethane	7.911	129	41302	7.142 ug/L #	11
51) Chlorobenzene	8.828	112	1517	0.080 ug/L #	76
65) 1,4-Dichlorobenzene	11.214	146	1294	0.082 ug/L #	43
67) 1,2-Dichlorobenzene	11.590	146	1118	0.080 ug/L #	77
71) Naphthalene	13.451	128	1198	0.088 ug/L #	89

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
Data File : VV030932.D
Acq On : 28 Apr 2023 19:46
Operator : SY/MD
Sample : O2488-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Quant Time: Apr 29 01:13:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
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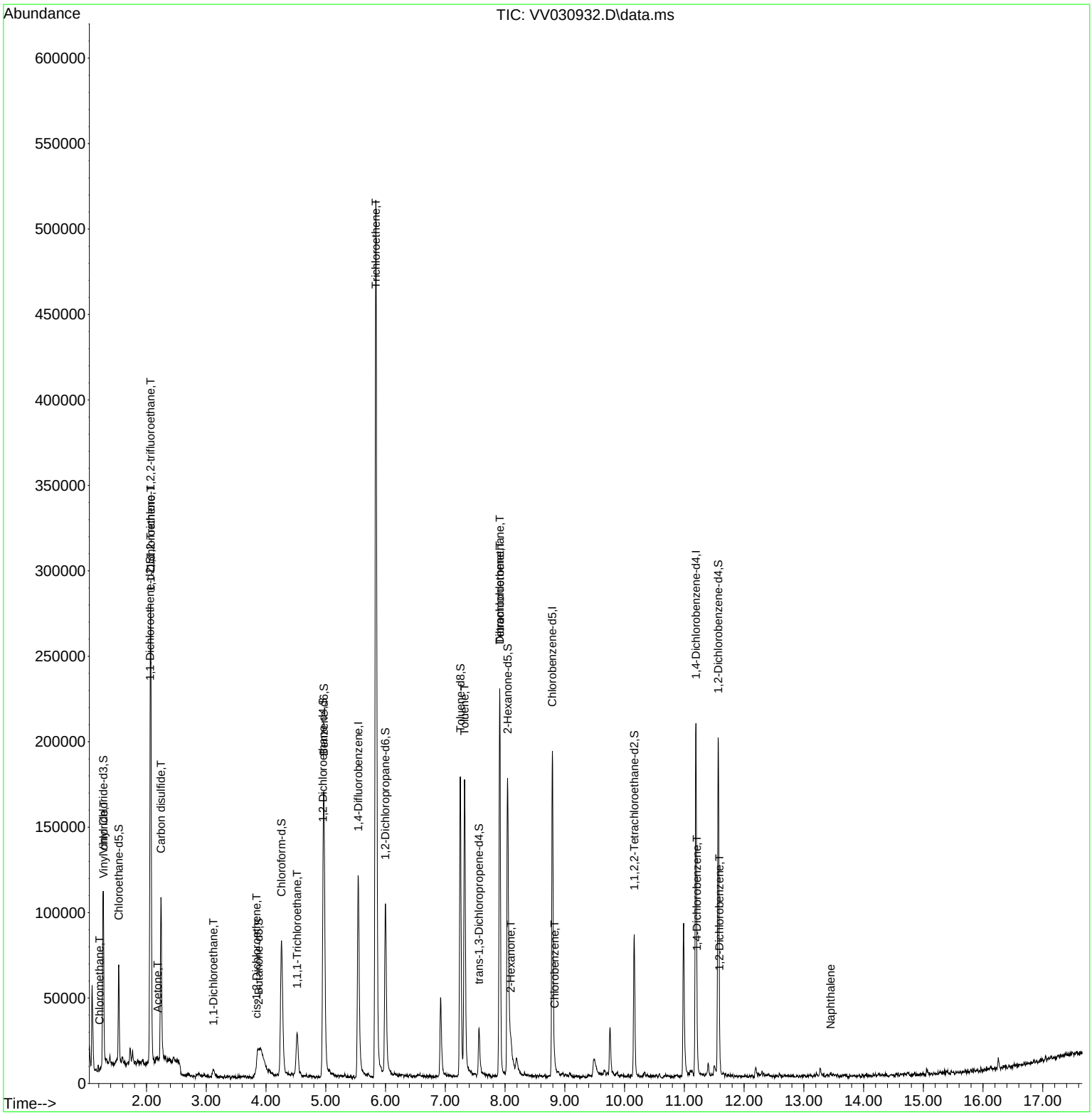
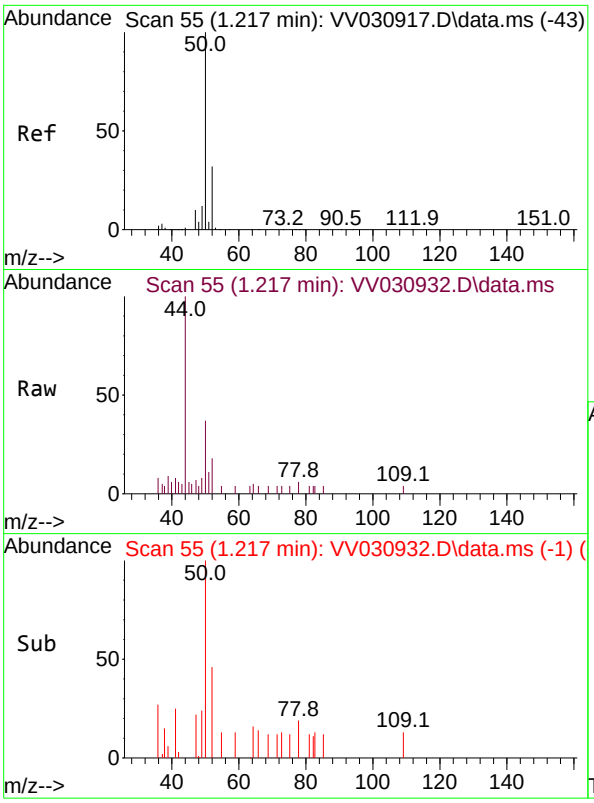


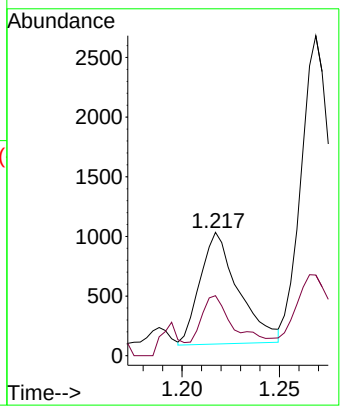


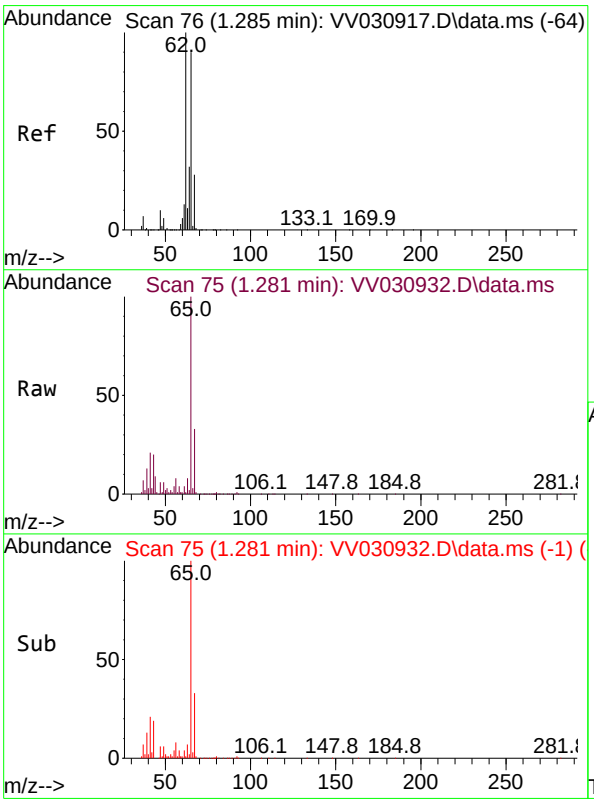
#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.217 min Scan# 5
Delta R.T. -0.000 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion: 50 Resp: 1286

Ion	Ratio	Lower	Upper
50	100		
52	48.6	22.8	42.4#

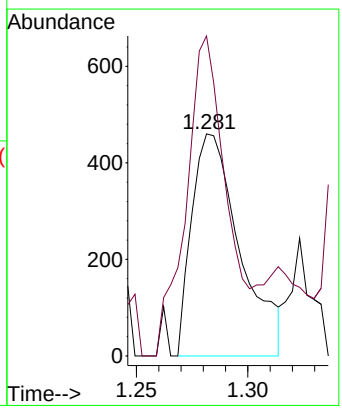


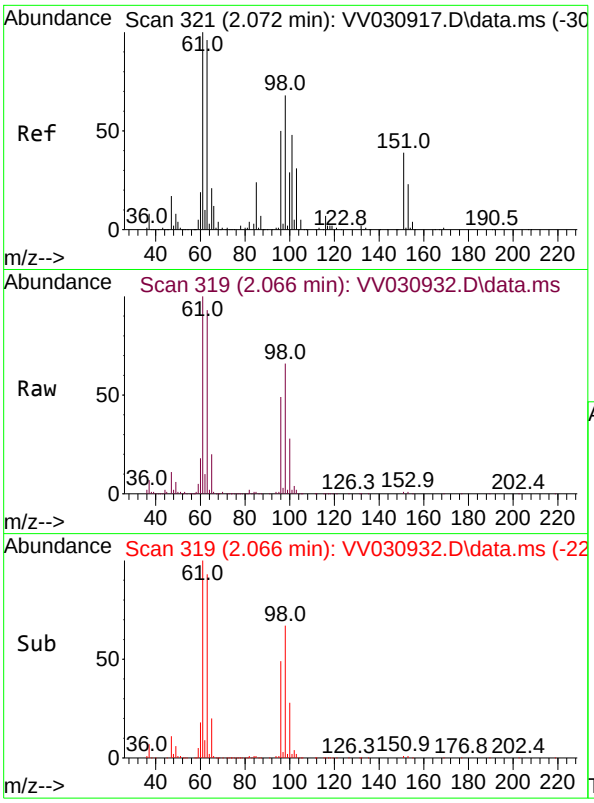


#5
Vinyl chloride
Concen: 0.087 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.003 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion: 62 Resp: 692

Ion	Ratio	Lower	Upper
62	100		
64	144.1	22.8	42.4#



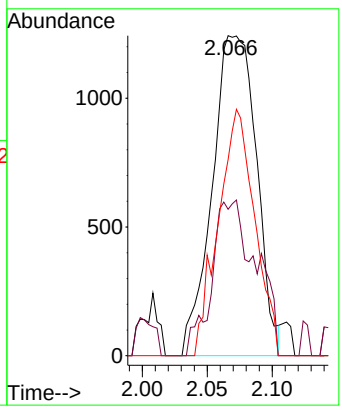


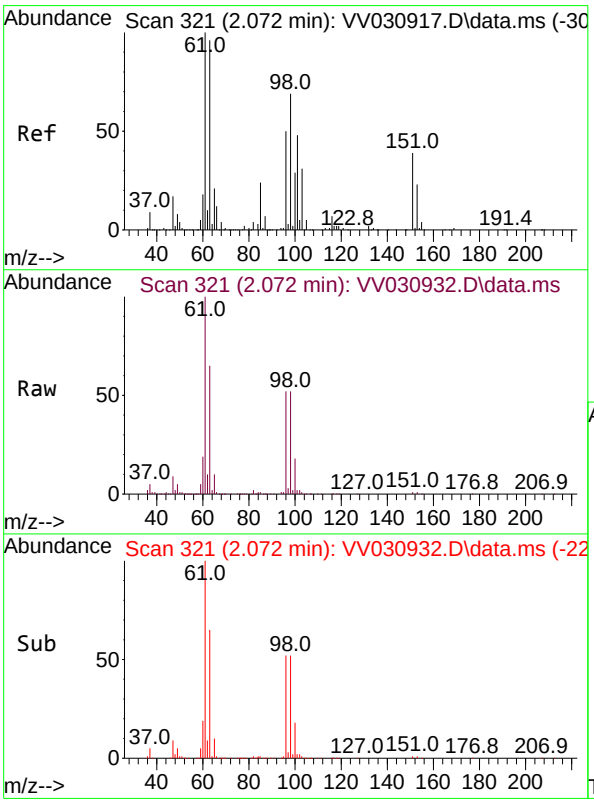
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.393 ug/L
RT: 2.066 min Scan# 3
Delta R.T. -0.007 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion:101 Resp: 2948

Ion	Ratio	Lower	Upper
101	100		
85	48.6	38.7	58.1
151	63.3	65.1	97.7#

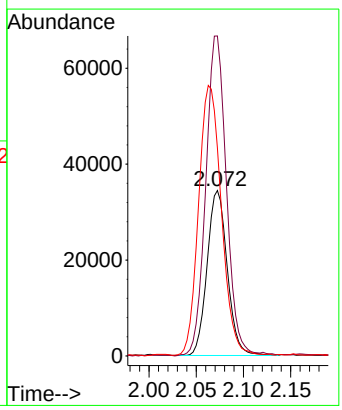


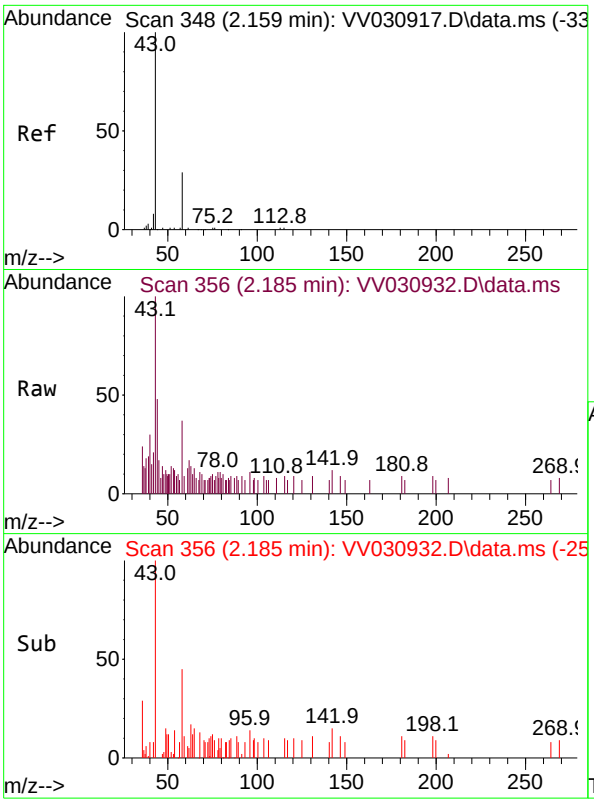


#12
1,1-Dichloroethene
Concen: 7.369 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion: 96 Resp: 50861

Ion	Ratio	Lower	Upper
96	100		
61	193.4	135.6	251.8
63	125.8	121.1	224.9



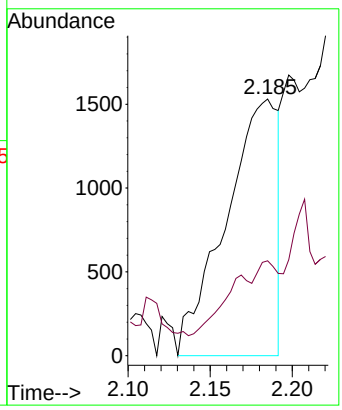


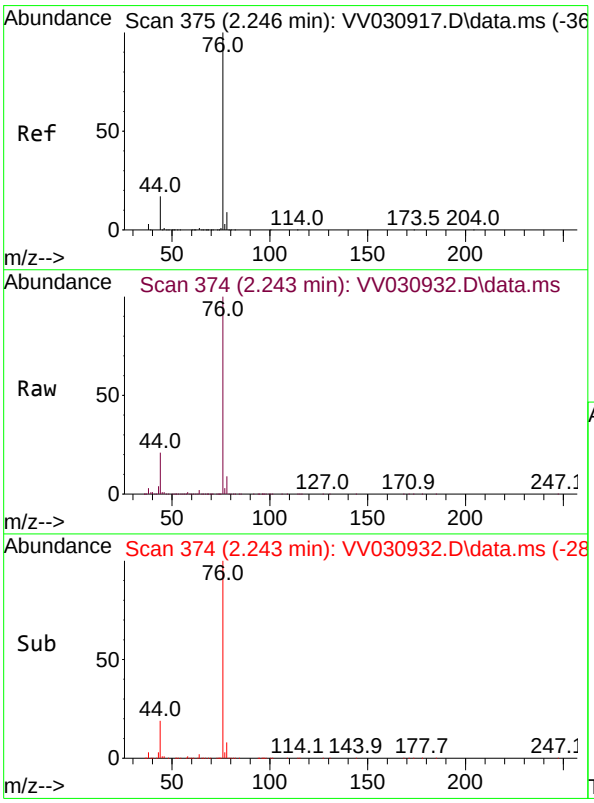
#13
Acetone
Concen: 2.637 ug/L
RT: 2.185 min Scan# 3
Delta R.T. 0.026 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion: 43 Resp: 3375

Ion	Ratio	Lower	Upper
43	100		
58	3.1	0.0	37.0

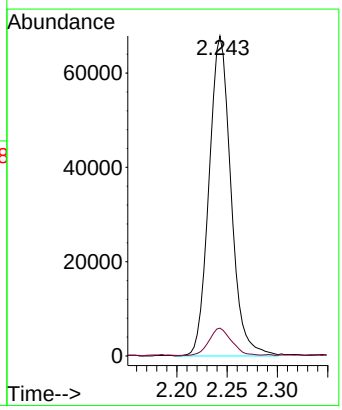


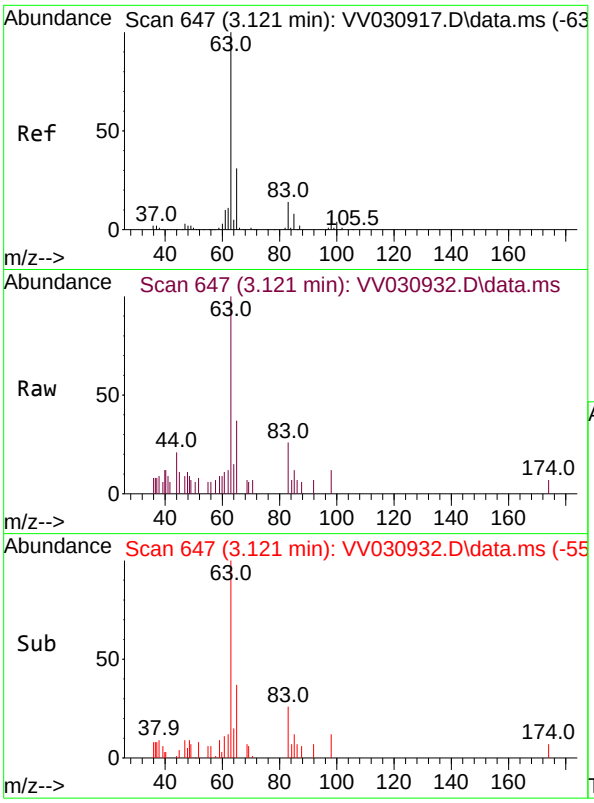


#14
Carbon disulfide
Concen: 5.704 ug/L
RT: 2.243 min Scan# 374
Delta R.T. -0.003 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion: 76 Resp: 103011

Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.8	10.2



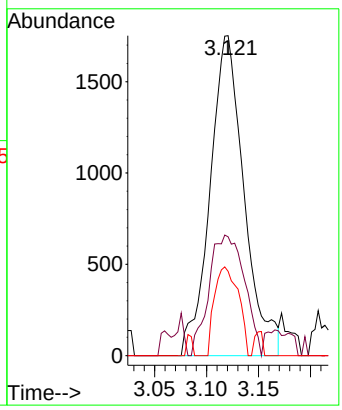


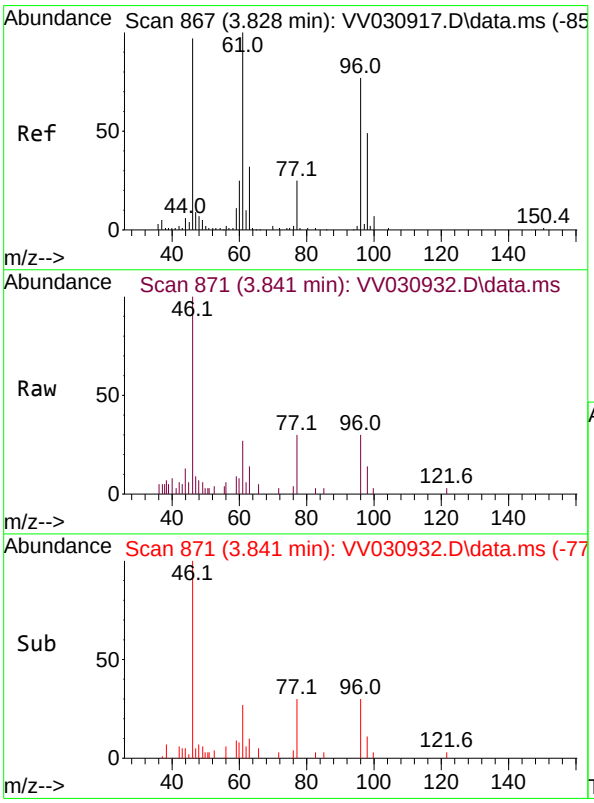
#19
1,1-Dichloroethane
Concen: 0.328 ug/L
RT: 3.121 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion: 63 Resp: 3990

Ion	Ratio	Lower	Upper
63	100		
65	37.2	21.8	40.6
83	26.3	10.2	19.0#

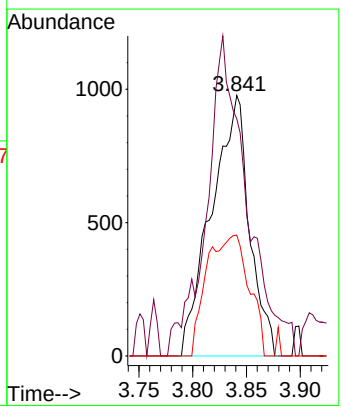


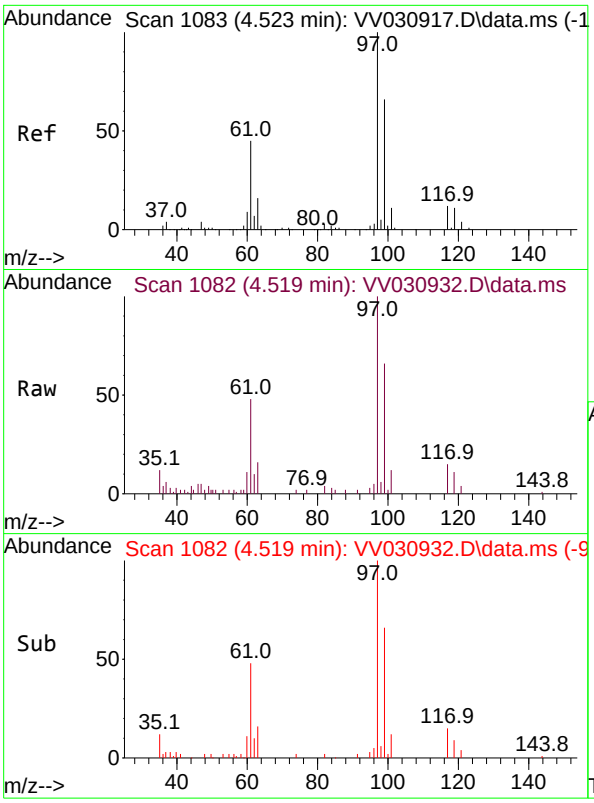


#22
cis-1,2-Dichloroethene
Concen: 0.361 ug/L
RT: 3.841 min Scan# 871
Delta R.T. 0.013 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion: 96 Resp: 2403

Ion	Ratio	Lower	Upper
96	100		
61	91.1	86.0	159.6
98	46.4	43.2	80.2



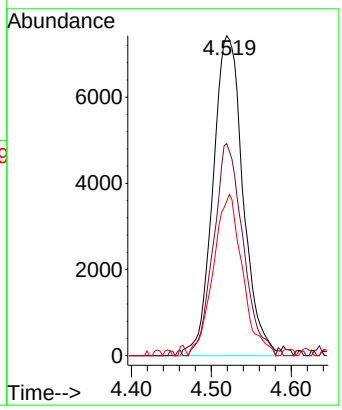


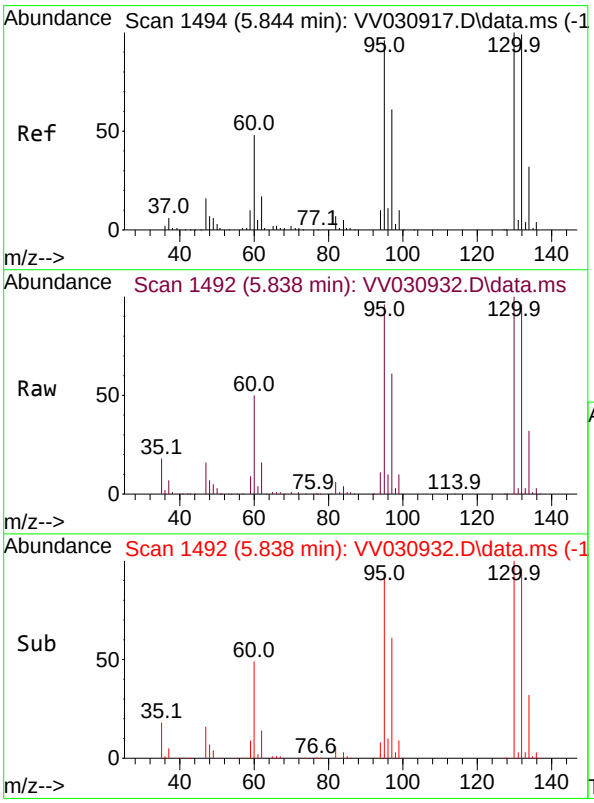
#29
1,1,1-Trichloroethane
Concen: 1.485 ug/L
RT: 4.519 min Scan# 1(
Delta R.T. -0.003 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion: 97 Resp: 19380

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.2
61	49.1	37.4	56.0

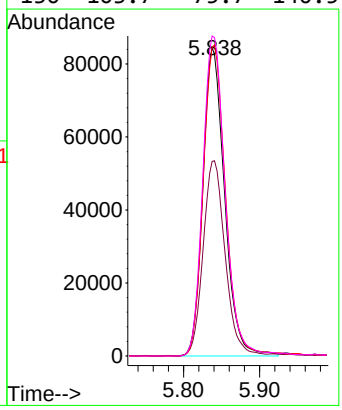


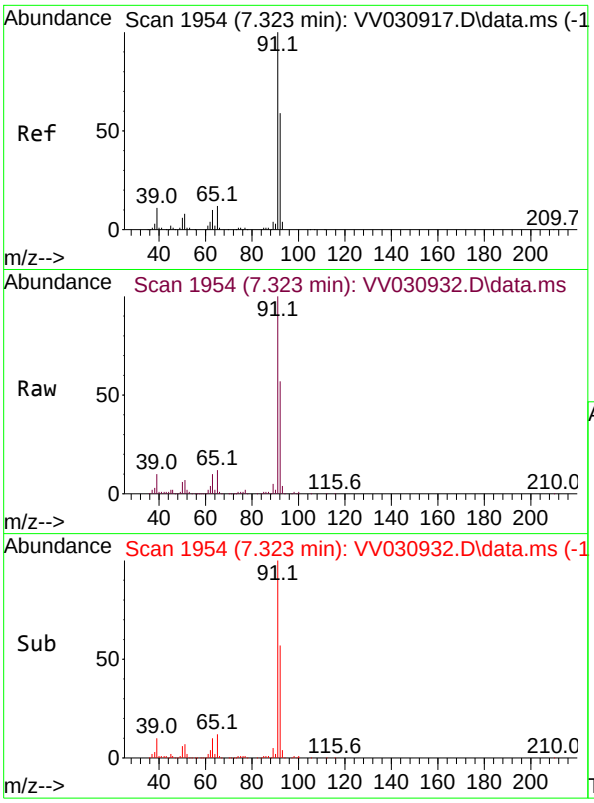


#34
Trichloroethene
Concen: 24.065 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.007 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion: 95 Resp: 167549

Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.2	85.8
132	100.0	72.7	135.1
130	103.7	75.7	140.5



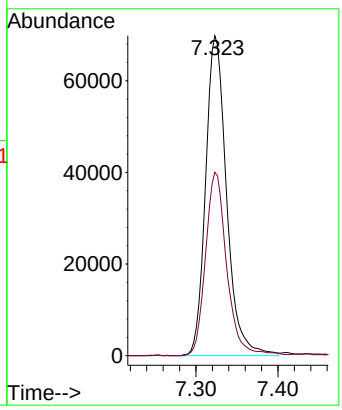


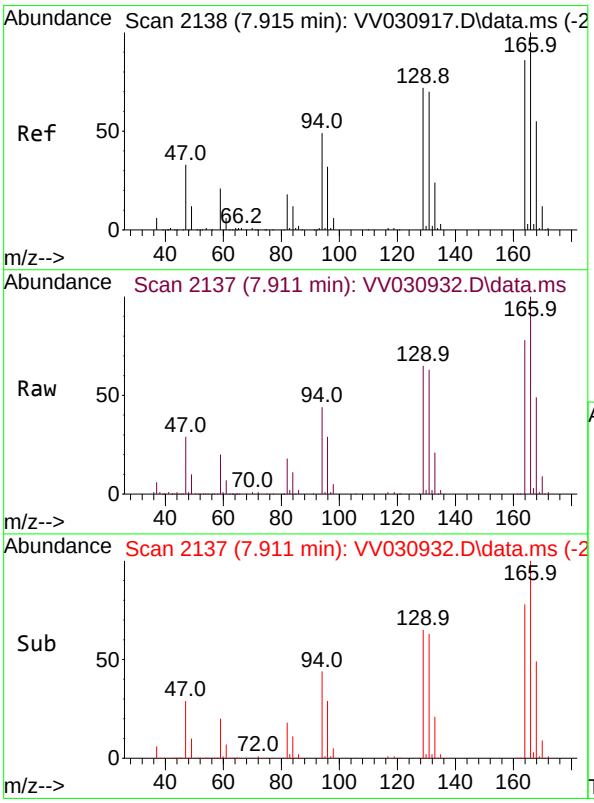
#42
Toluene
Concen: 4.417 ug/L
RT: 7.323 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion: 91 Resp: 124199

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.5	75.1

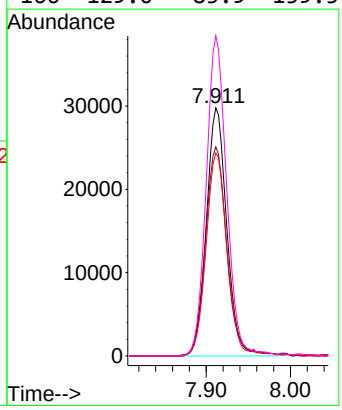


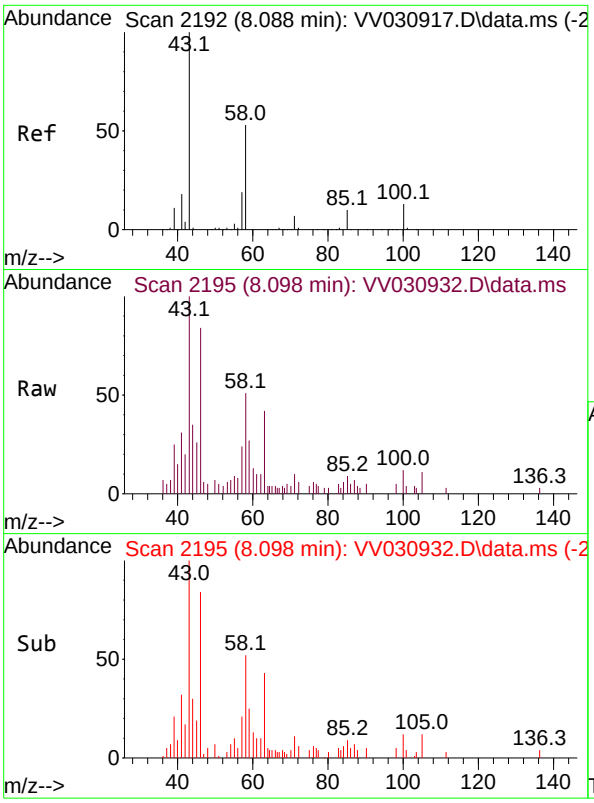


#47
Tetrachloroethene
Concen: 7.617 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion:164 Resp: 50591

Ion	Ratio	Lower	Upper
164	100		
129	84.3	60.5	112.3
131	81.8	60.8	112.8
166	129.0	85.9	159.5



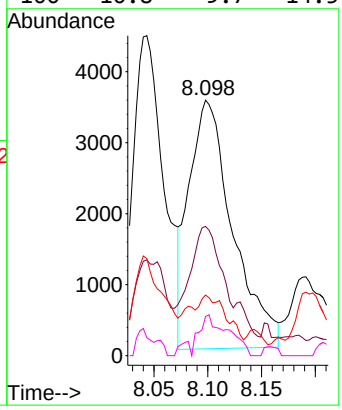


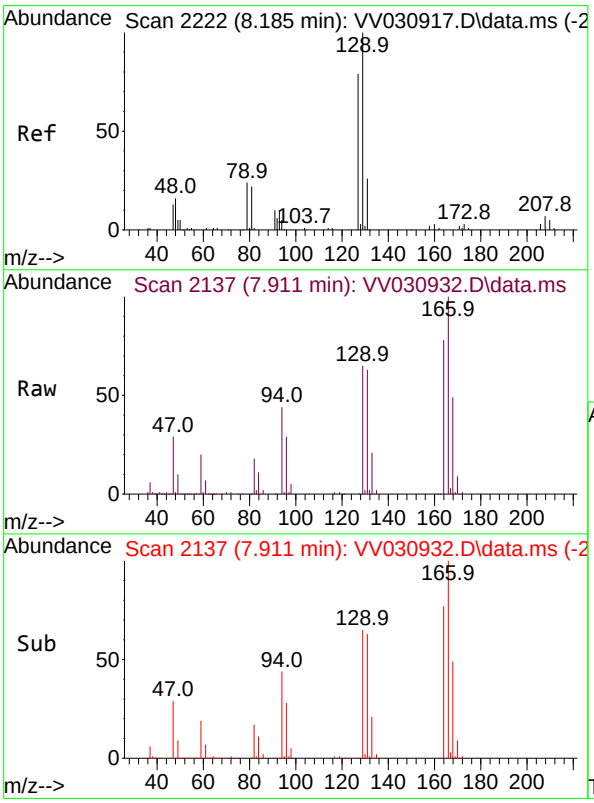
#48
2-Hexanone
Concen: 4.033 ug/L
RT: 8.098 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion: 43 Resp: 9929

Ion	Ratio	Lower	Upper
43	100		
58	22.9	39.9	59.9#
57	11.8	14.1	21.1#
100	10.8	9.7	14.5

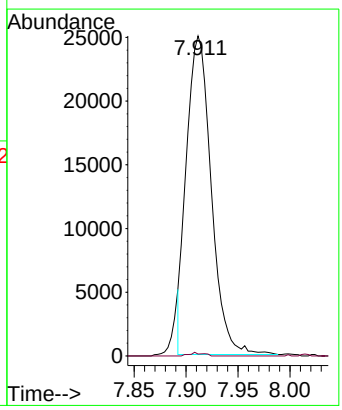


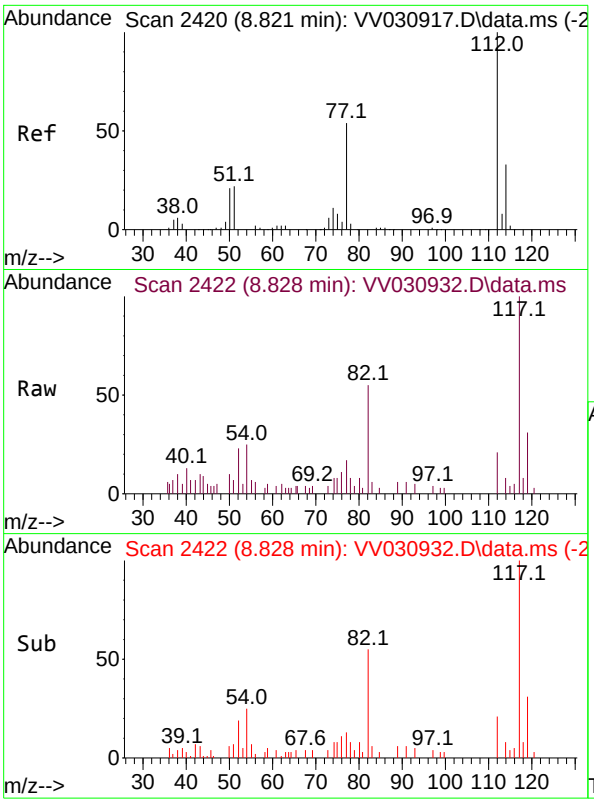


#49
Dibromochloromethane
Concen: 7.142 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion:129 Resp: 41302

Ion	Ratio	Lower	Upper
129	100		
127	0.6	55.3	102.7#



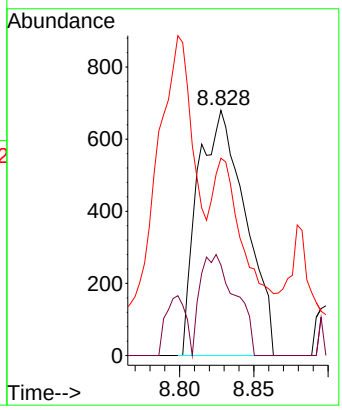


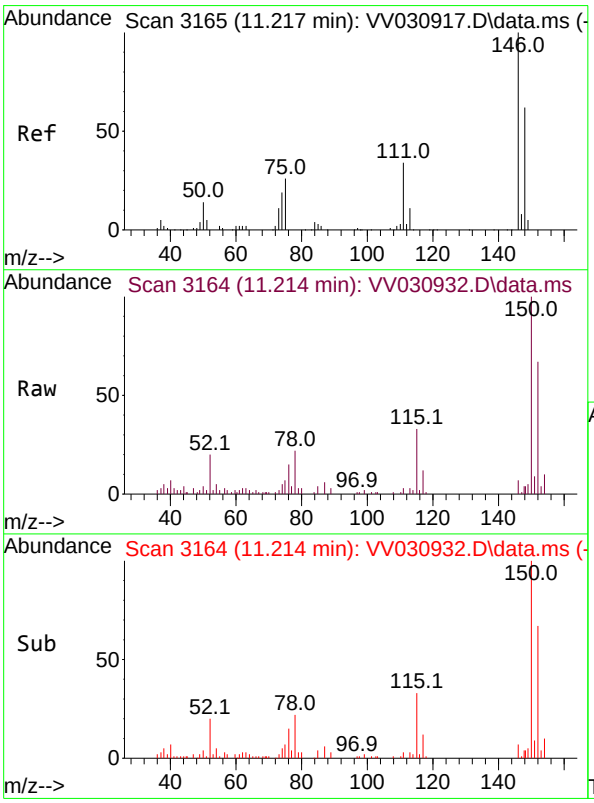
#51
Chlorobenzene
Concen: 0.080 ug/L
RT: 8.828 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion:112 Resp: 1517

Ion	Ratio	Lower	Upper
112	100		
114	36.9	22.5	41.9
77	80.4	45.3	67.9#

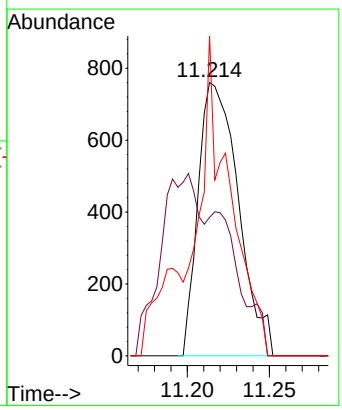


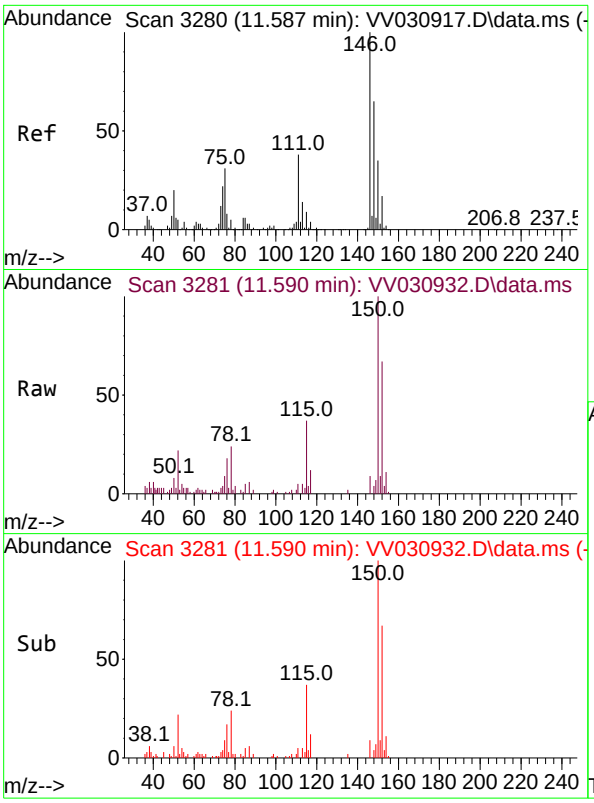


#65
1,4-Dichlorobenzene
Concen: 0.082 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion:146 Resp: 1294

Ion	Ratio	Lower	Upper
146	100		
111	50.6	23.9	44.5#
148	117.0	42.8	79.6#



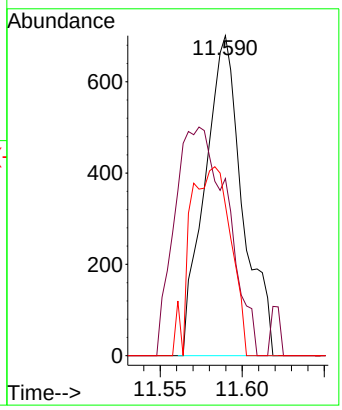


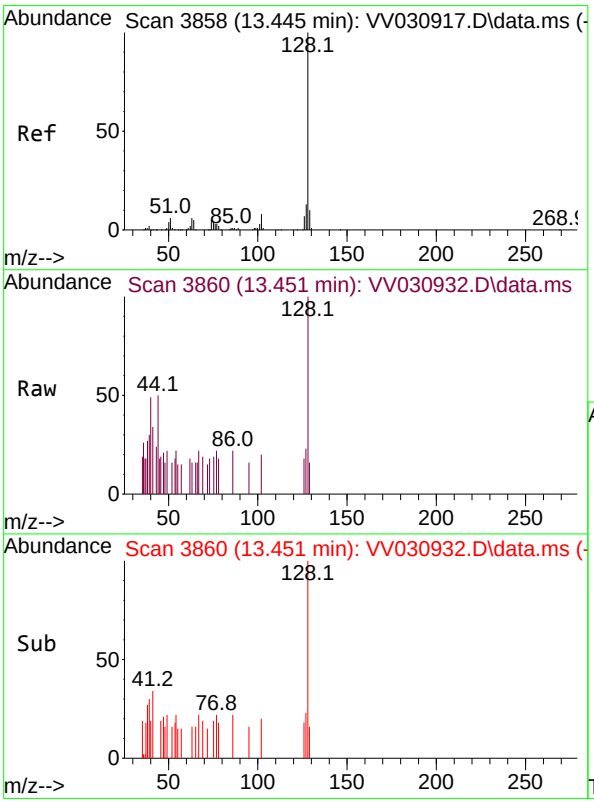
#67
1,2-Dichlorobenzene
Concen: 0.080 ug/L
RT: 11.590 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

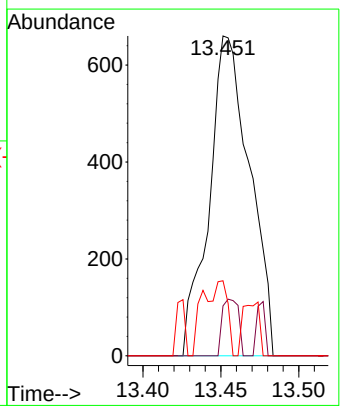
Tgt Ion:146 Resp: 1118

Ion	Ratio	Lower	Upper
146	100		
111	55.3	34.0	51.0#
148	47.1	53.8	80.6#





#71
Naphthalene
Concen: 0.088 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.006 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Tgt Ion:128 Resp: 1198

Ion	Ratio	Lower	Upper
128	100		
129	7.1	8.6	13.0#
127	8.5	10.6	16.0#