Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
Data File : VV036768.D
Acq On : 02 Aug 2024 17:45
Operator : SY/MD
Sample : VIBLK
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 03 00:11:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:03:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	510767	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	474881	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	231355	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	173702	42.579	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.160%		
7) Chloroethane-d5	1.532	69	139413	43.334	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.660%		
11) 1,1-Dichloroethene-d2	2.057	65	76043	43.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.160%		
21) 2-Butanone-d5	3.799	46	202133	93.516	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.520%		
24) Chloroform-d	4.243	84	313908	42.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.760%		
26) 1,2-Dichloroethane-d4	4.937	65	210227	44.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.320%		
32) Benzene-d6	4.954	84	649717	45.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.600%		
36) 1,2-Dichloropropane-d6	5.986	67	207796	44.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.820%		
41) Toluene-d8	7.240	98	582345	44.261	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.520%		
43) trans-1,3-Dichloroprop...	7.551	79	103883	43.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.280%		
47) 2-Hexanone-d5	8.024	63	122364	91.970	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.970%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	236107	44.439	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.880%		
66) 1,2-Dichlorobenzene-d4	11.558	152	215089	45.624	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.240%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3947	1.168	ug/L #	67
12) 1,1-Dichloroethene	2.063	96	3988	1.236	ug/L #	1
14) Carbon disulfide	2.240	76	28501	2.812	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	3996	1.196	ug/L	96
35) Methylcyclohexane	5.986	83	48678	7.706	ug/L #	19
48) 2-Hexanone	8.088	43	27946	8.150	ug/L #	58
51) Chlorobenzene	8.815	112	11337	1.168	ug/L	92
60) Isopropylbenzene	9.870	105	17039	1.012	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	14150	1.008	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	14515	2.004	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	19138	2.598	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	14062	1.988	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	11236	2.186	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	16374	3.321	ug/L	94
71) Naphthalene	13.439	128	128862	8.151	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	17413	3.608	ug/L	99

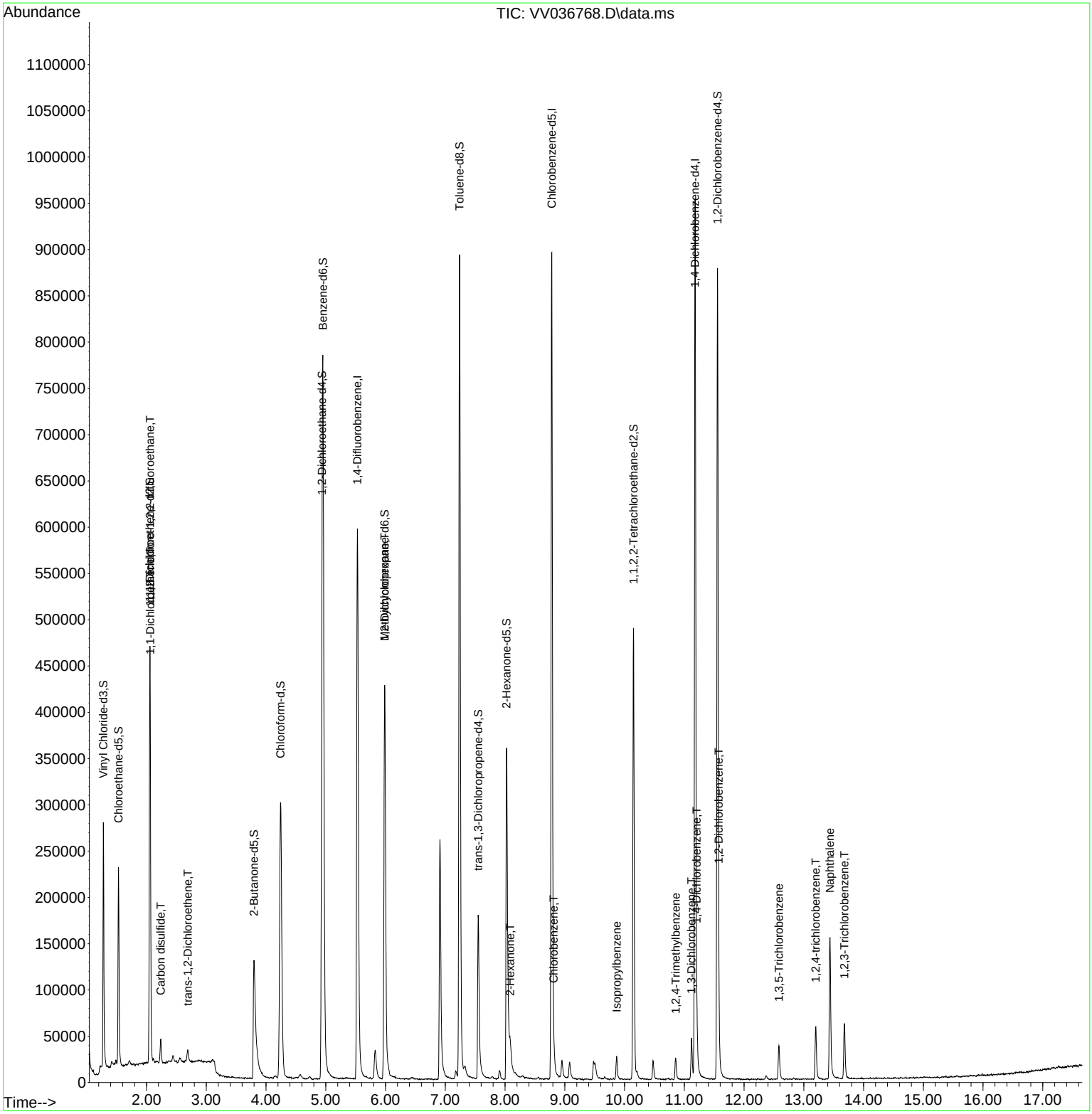
(#) = qualifier out of range (m) = manual integration (+) = signals summed

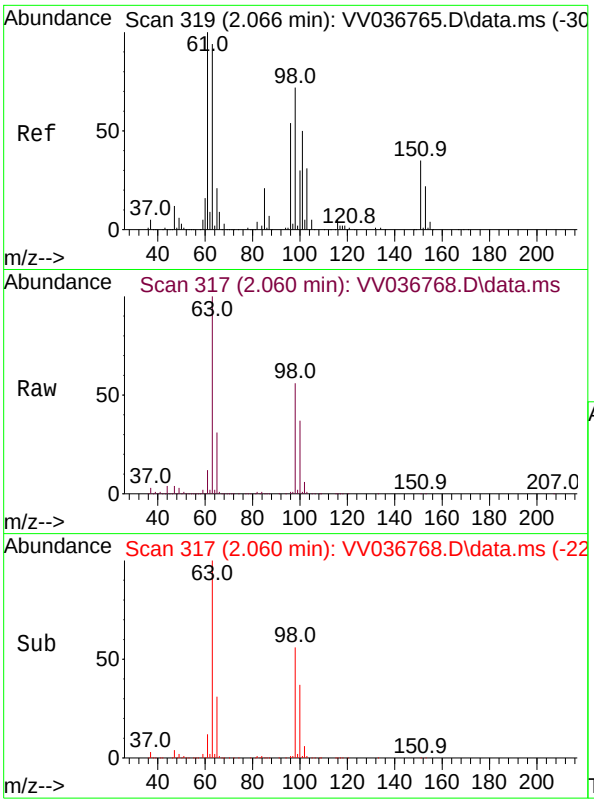
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
Data File : VV036768.D
Acq On : 02 Aug 2024 17:45
Operator : SY/MD
Sample : VIBLK
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 03 00:11:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:03:39 2024
Response via : Initial Calibration



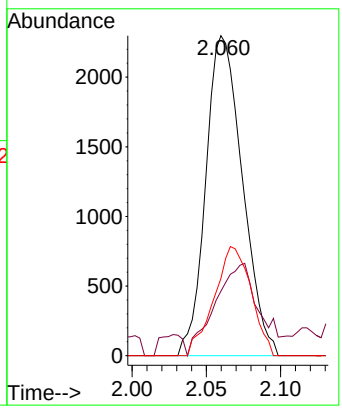


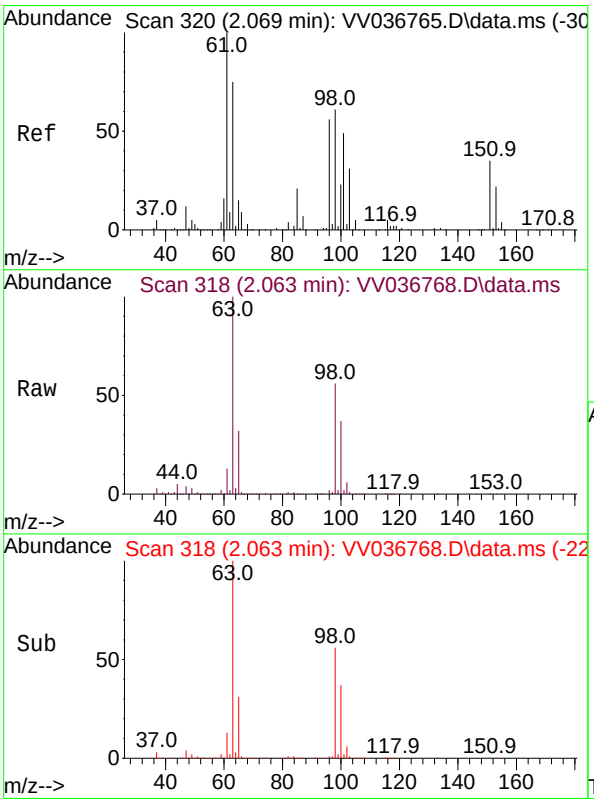
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.168 ug/L
RT: 2.060 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 3947

Ion	Ratio	Lower	Upper
101	100		
85	32.2	34.6	51.8#
151	34.4	55.9	83.9#

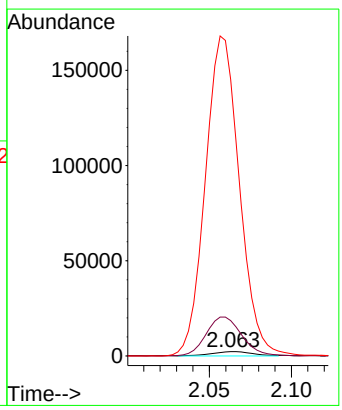


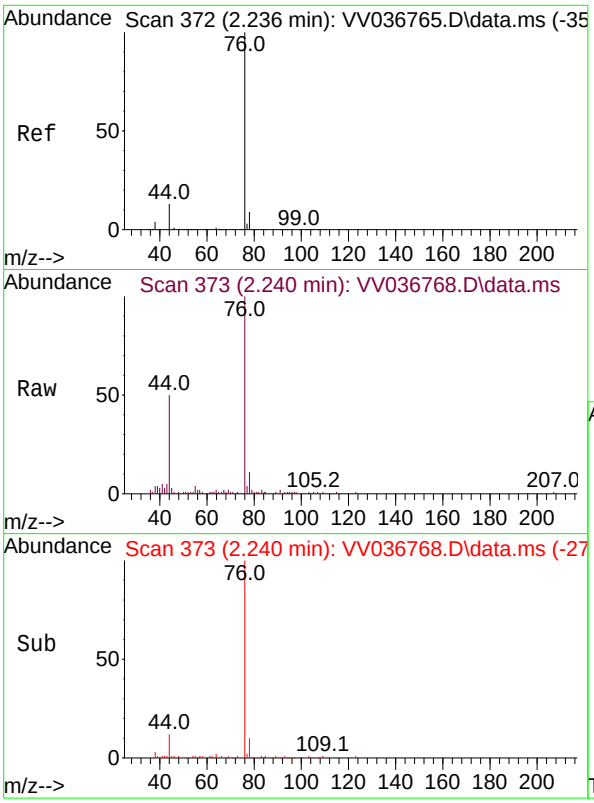


#12
1,1-Dichloroethene
Concen: 1.236 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.006 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion: 96 Resp: 3988

Ion	Ratio	Lower	Upper
96	100		
61	804.2	125.6	233.2#
63	6289.1	95.1	176.7#



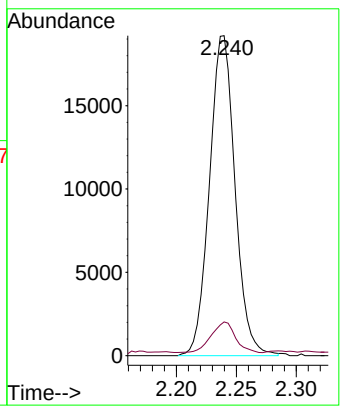


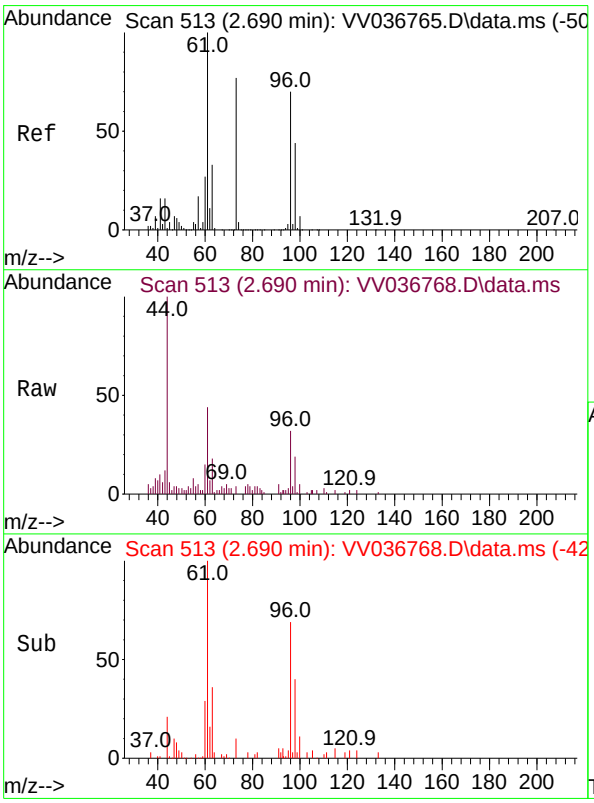
#14
Carbon disulfide
Concen: 2.812 ug/L
RT: 2.240 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 28501

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.1	10.7

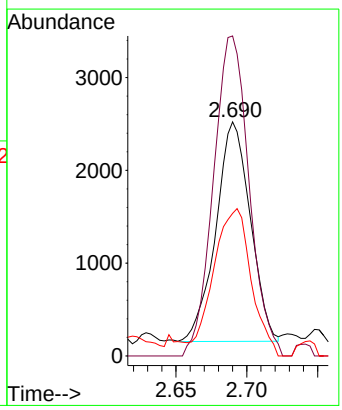


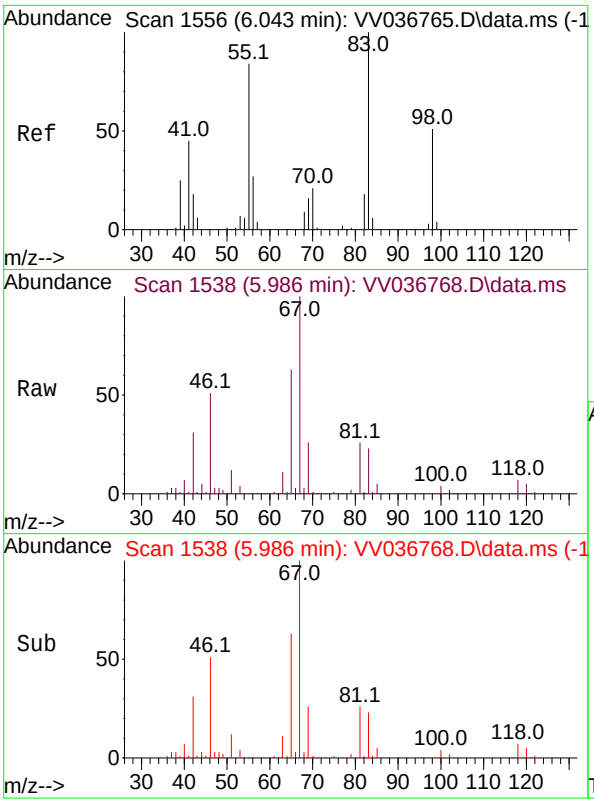


#17
trans-1,2-Dichloroethene
Concen: 1.196 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion: 96 Resp: 3996

Ion	Ratio	Lower	Upper
96	100		
61	136.7	100.0	185.8
98	60.9	44.0	81.8



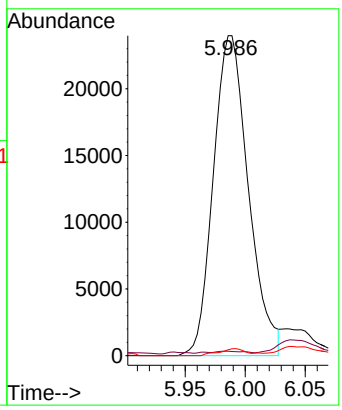


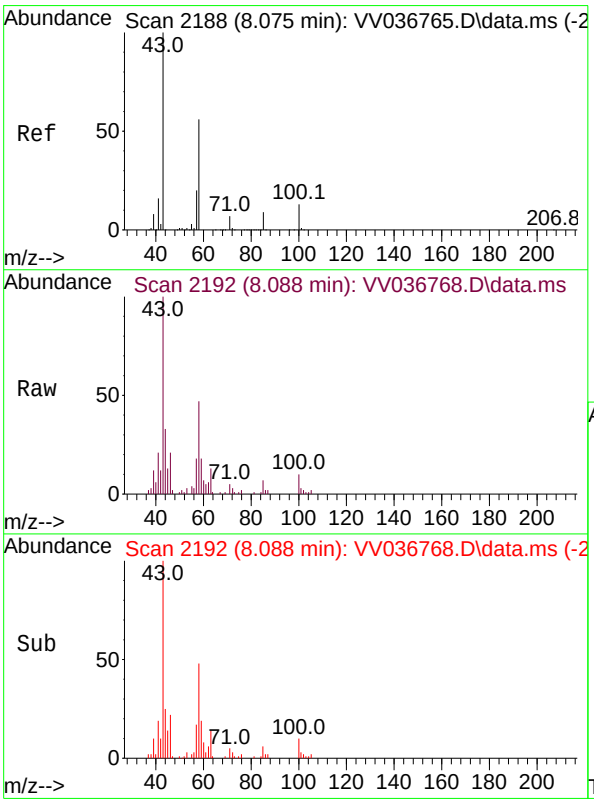
#35
Methylcyclohexane
Concen: 7.706 ug/L
RT: 5.986 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 48678

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.3	93.5#
98	1.6	38.7	58.1#

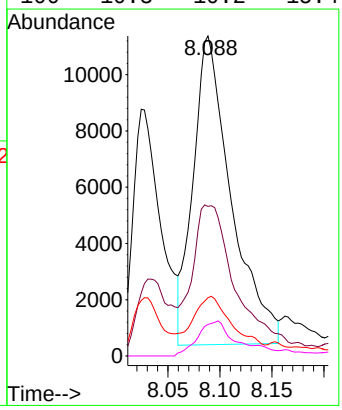


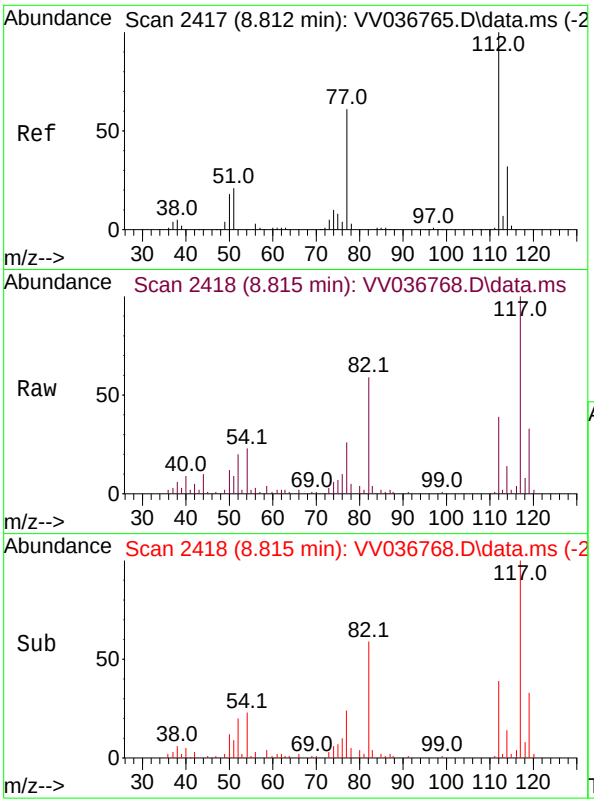


#48
2-Hexanone
Concen: 8.150 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion: 43 Resp: 27946

Ion	Ratio	Lower	Upper
43	100		
58	9.9	44.7	67.1#
57	16.6	15.0	22.4
100	10.3	10.2	15.4



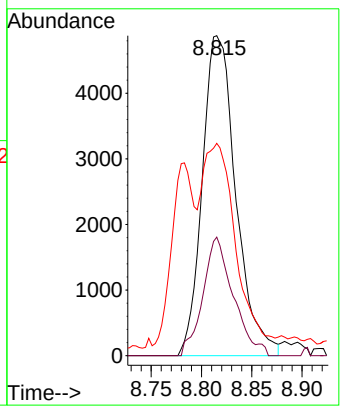


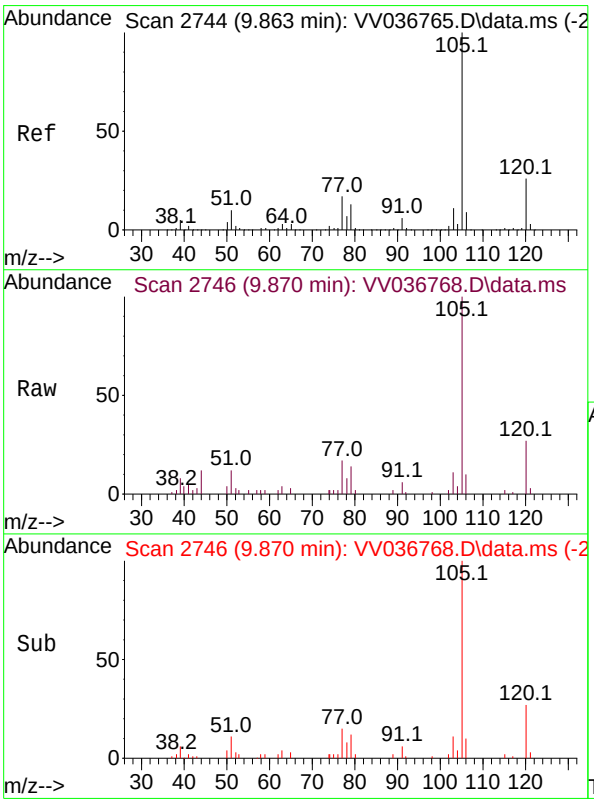
#51
Chlorobenzene
Concen: 1.168 ug/L
RT: 8.815 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 11337

Ion	Ratio	Lower	Upper
112	100		
114	37.1	22.3	41.5
77	66.4	48.9	73.3

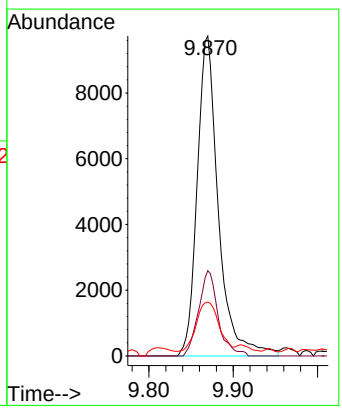


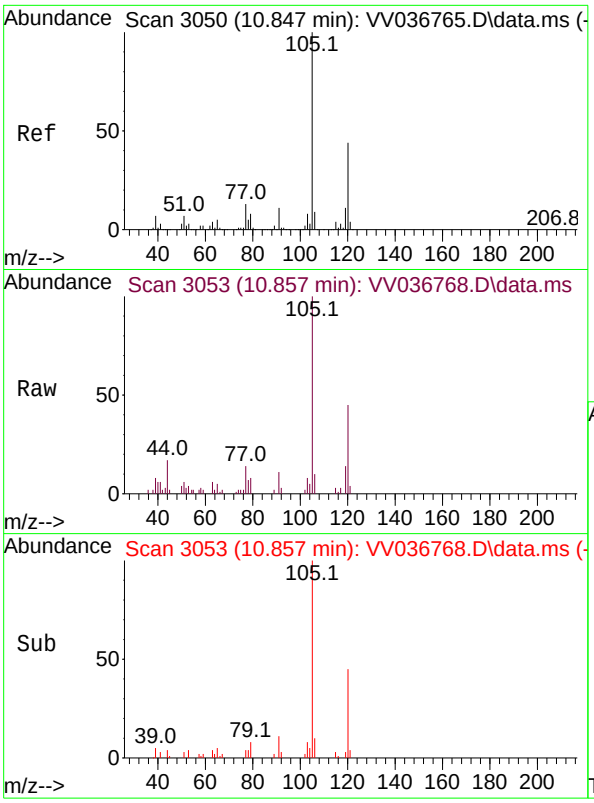


#60
Isopropylbenzene
Concen: 1.012 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.007 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion:105 Resp: 17039

Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.3	30.5
77	16.4	13.1	19.7



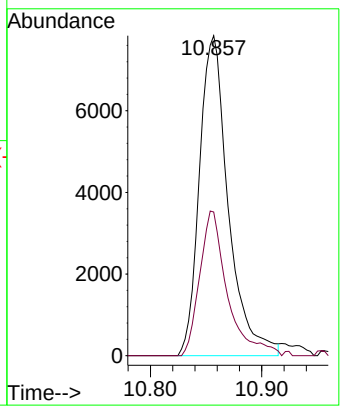


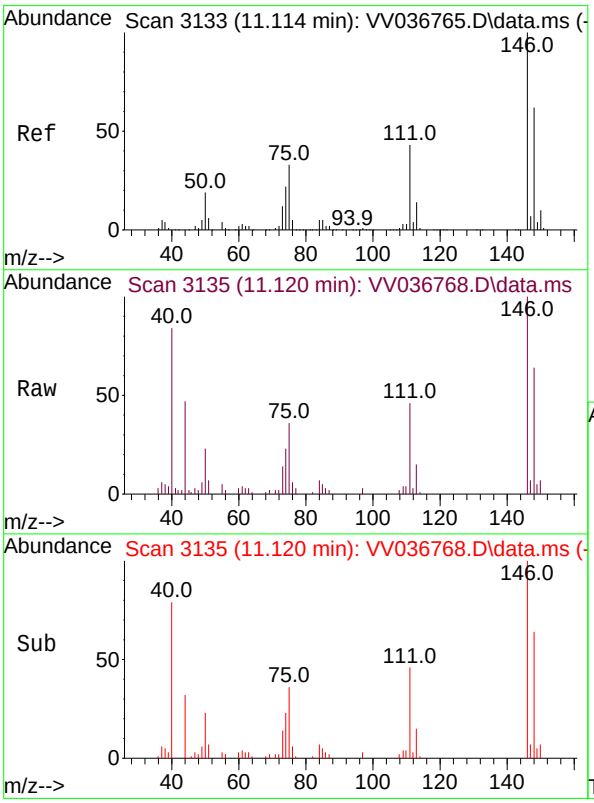
#63
1,2,4-Trimethylbenzene
Concen: 1.008 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 14150

Ion	Ratio	Lower	Upper
105	100		
120	43.2	35.6	53.4

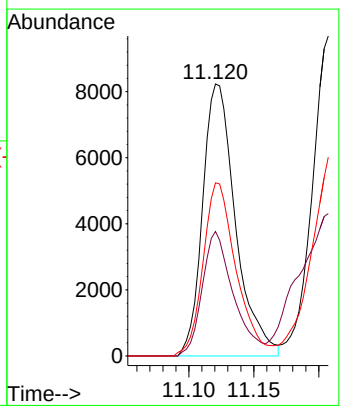


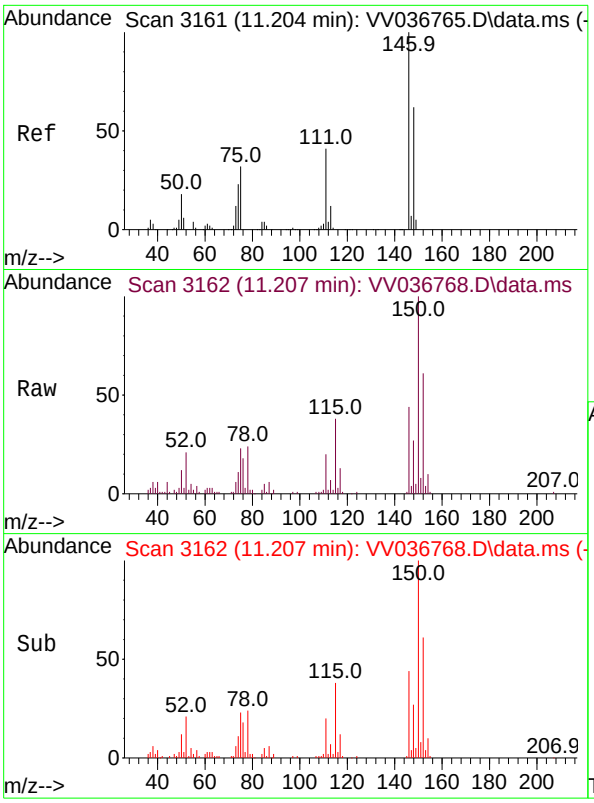


#64
1,3-Dichlorobenzene
Concen: 2.004 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.007 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion:146 Resp: 14515

Ion	Ratio	Lower	Upper
146	100		
111	45.8	29.8	55.4
148	63.6	43.4	80.6



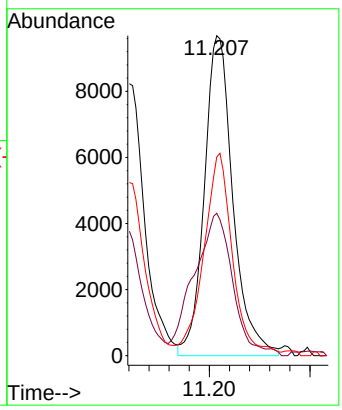


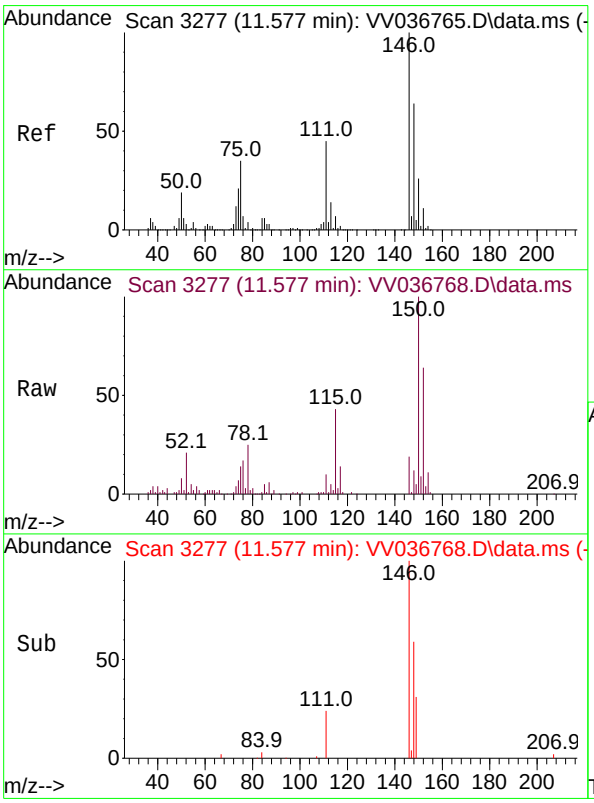
#65
1,4-Dichlorobenzene
Concen: 2.598 ug/L
RT: 11.207 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 19138

Ion	Ratio	Lower	Upper
146	100		
111	44.5	29.0	53.9
148	62.1	43.8	81.4

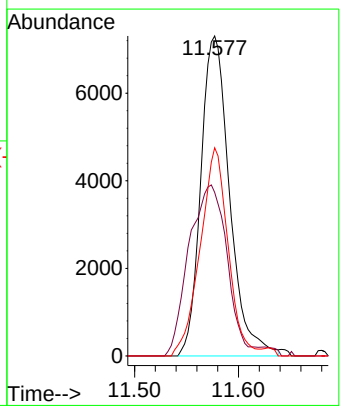


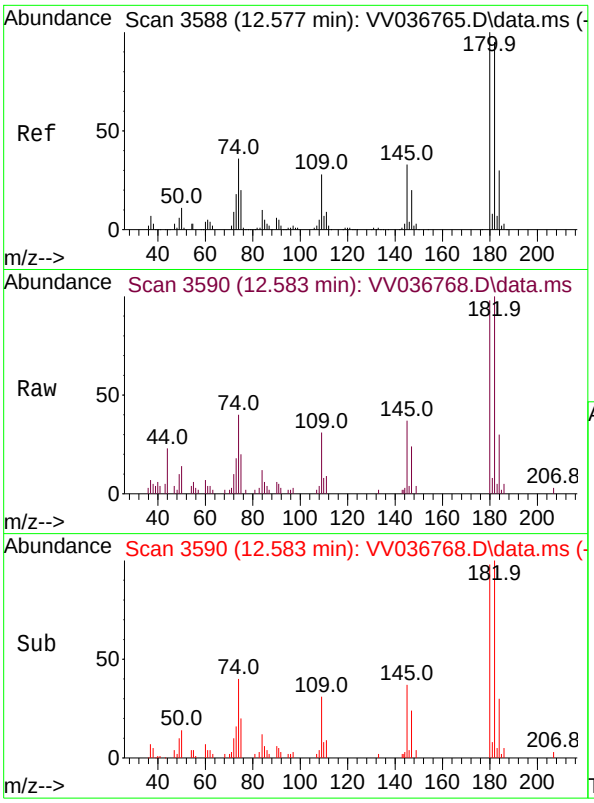


#67
1,2-Dichlorobenzene
Concen: 1.988 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion:146 Resp: 14062

Ion	Ratio	Lower	Upper
146	100		
111	51.1	35.7	53.5
148	65.0	51.2	76.8



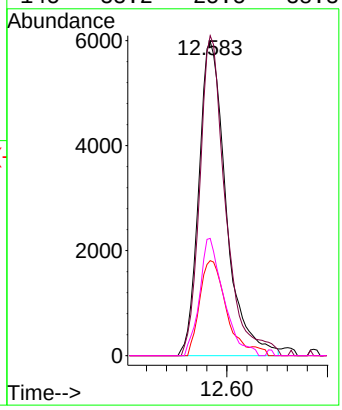


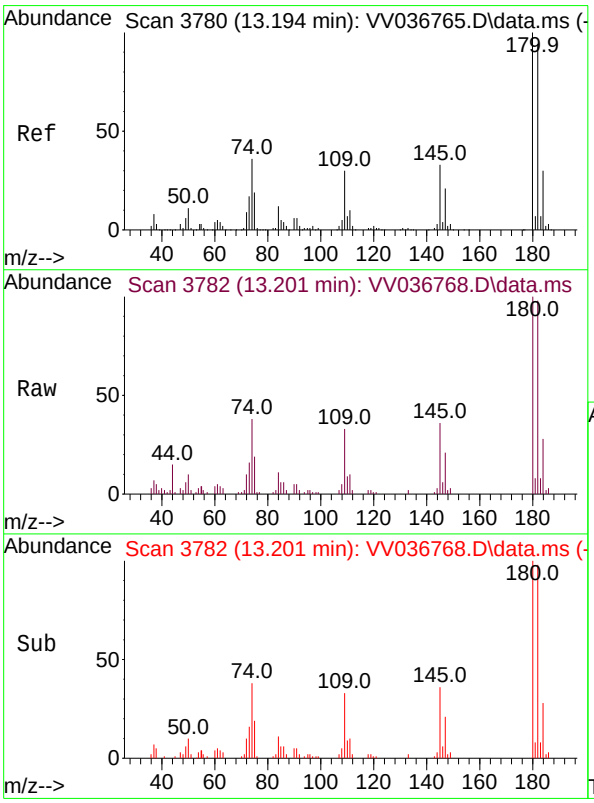
#69
1,3,5-Trichlorobenzene
Concen: 2.186 ug/L
RT: 12.583 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 11236

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.0	112.6
184	28.9	23.7	35.5
145	33.2	25.5	38.3

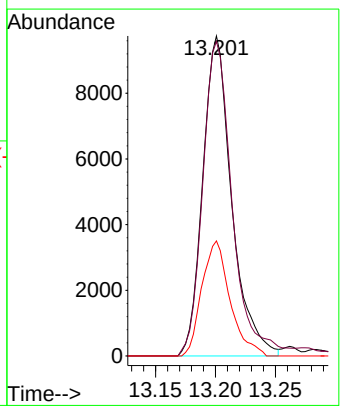


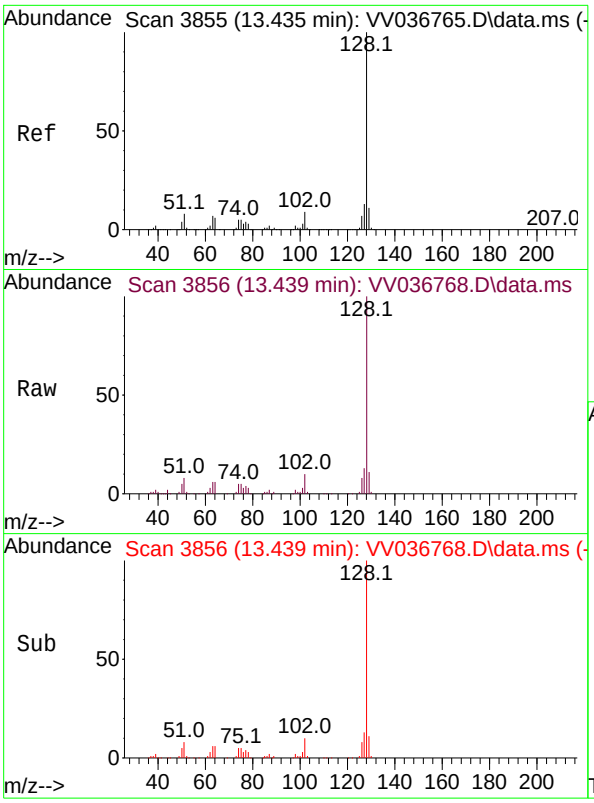


#70
1,2,4-trichlorobenzene
Concen: 3.321 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.007 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion:180 Resp: 16374

Ion	Ratio	Lower	Upper
180	100		
182	100.3	75.1	112.7
145	35.0	26.5	39.7



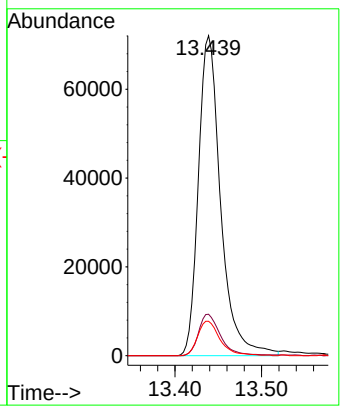


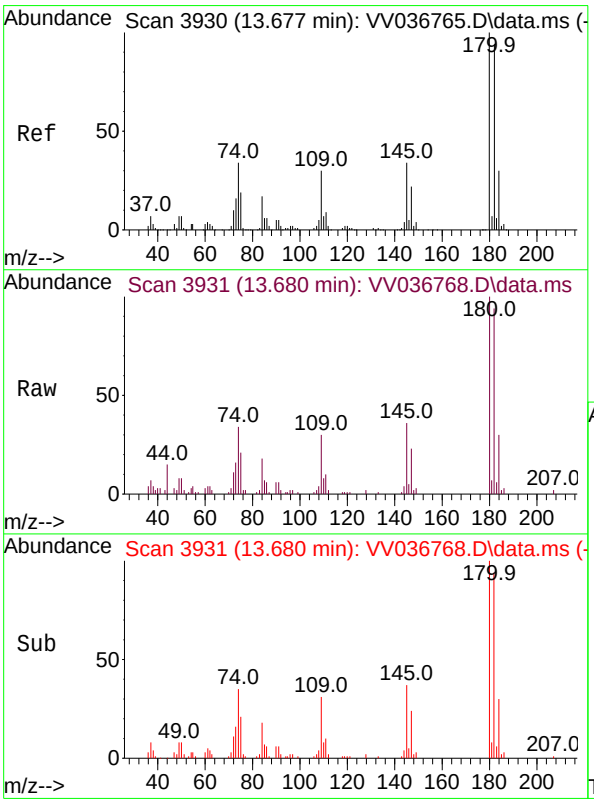
#71
Naphthalene
Concen: 8.151 ug/L
RT: 13.439 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 128862

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 3.608 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV036768.D
Acq: 02 Aug 2024 17:45

Tgt Ion:180 Resp: 17413

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	36.2	27.8	41.6