Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026775.D
Acq On : 18 Aug 2023 17:21
Operator : SY/MD
Sample : 04037-13
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 18 23:46:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	658523	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	450015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	166272	15.359	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.440%			
7) Chloroethane-d5	2.893	69	147315	18.301	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.200%			
11) 1,1-Dichloroethene-d2	4.027	65	108504	20.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.520%			
21) 2-Butanone-d5	7.075	46	196896	63.282	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.560%			
24) Chloroform-d	7.648	84	533589	24.142	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.560%			
26) 1,2-Dichloroethane-d4	8.307	65	331037	27.141	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.560%			
32) Benzene-d6	8.276	84	1104973	35.627	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 142.520%#			
36) 1,2-Dichloropropane-d6	9.270	67	361726	37.443	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 149.760%#			
41) Toluene-d8	10.324	98	776058	29.150	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.600%			
43) trans-1,3-Dichloroprop...	10.574	79	124038	31.097	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 124.400%			
47) 2-Hexanone-d5	10.922	63	101253	99.744	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 199.480%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234523	30.739	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.960%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	110968	29.114	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.440%			
Target Compounds						Qvalue
13) Acetone	4.137	43	16584	5.361	ug/L	74
14) Carbon disulfide	4.393	76	109064	3.115	ug/L	98
16) Methylene chloride	4.923	84	69998	5.495	ug/L	93
19) 1,1-Dichloroethane	6.222	63	24396	1.091	ug/L	98
25) Chloroform	7.679	83	23961	1.109	ug/L	94
29) Cyclohexane	7.959	56	35625	2.560	ug/L #	85
30) 1,1,1-Trichloroethane	7.868	97	13842	1.179	ug/L #	89
33) Benzene	8.325	78	40814	1.245	ug/L	100
35) Methylcyclohexane	9.331	83	82640	5.788	ug/L #	81
39) cis-1,3-Dichloropropene	10.032	75	8978	0.695	ug/L #	47
42) Toluene	10.385	91	221869	6.693	ug/L	99
45) 1,1,2-Trichloroethane	10.757	97	9611	1.566	ug/L #	25
48) 2-Hexanone	10.928	43	31516	7.933	ug/L #	44
52) Ethylbenzene	11.727	91	52904	1.423	ug/L	98
53) m,p-Xylene	11.830	106	40341	2.929	ug/L	88
54) o-Xylene	12.166	106	16172	1.258	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	18695	1.494	ug/L	91
63) 1,2,4-Trimethylbenzene	13.251	105	40138	3.273	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	6603	1.674	ug/L #	72

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026775.D
Acq On : 18 Aug 2023 17:21
Operator : SY/MD
Sample : 04037-13
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 18 23:46:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration

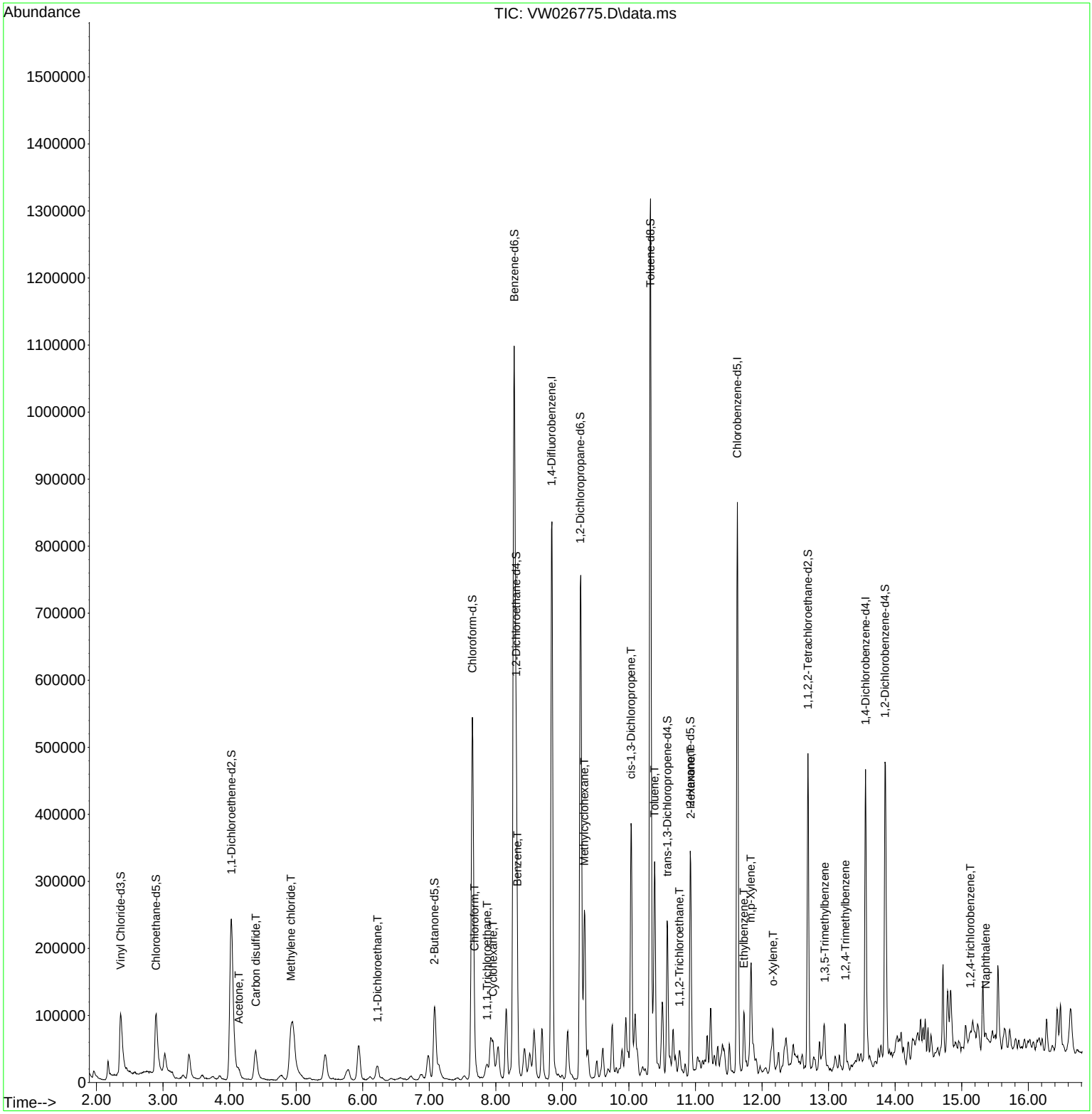
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	15.360	128	19964	2.654	ug/L	99

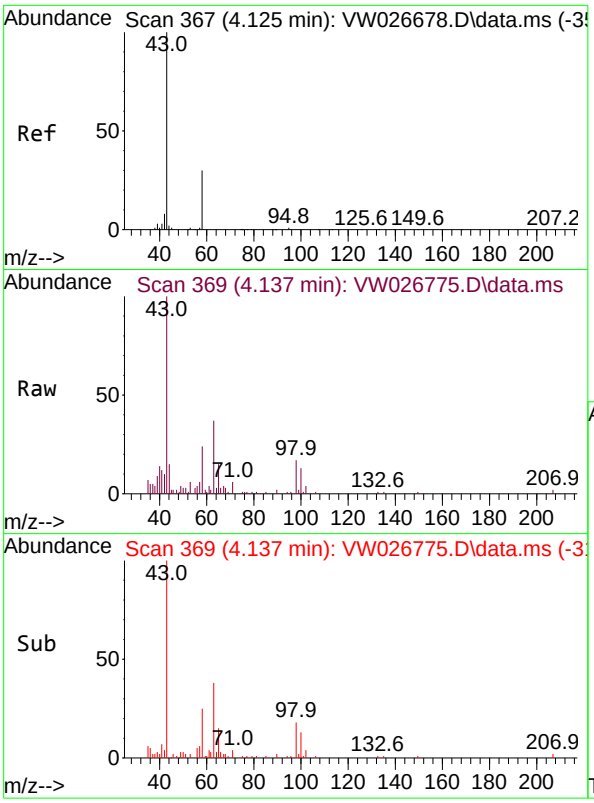
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026775.D
Acq On : 18 Aug 2023 17:21
Operator : SY/MD
Sample : 04037-13
Misc : 6.42g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 18 23:46:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 23:42:21 2023
Response via : Initial Calibration



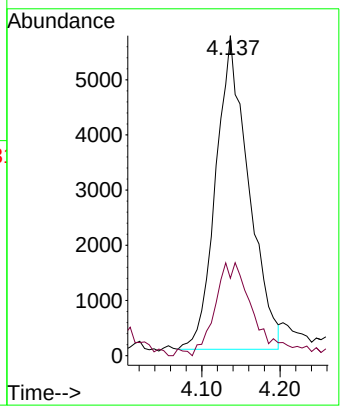


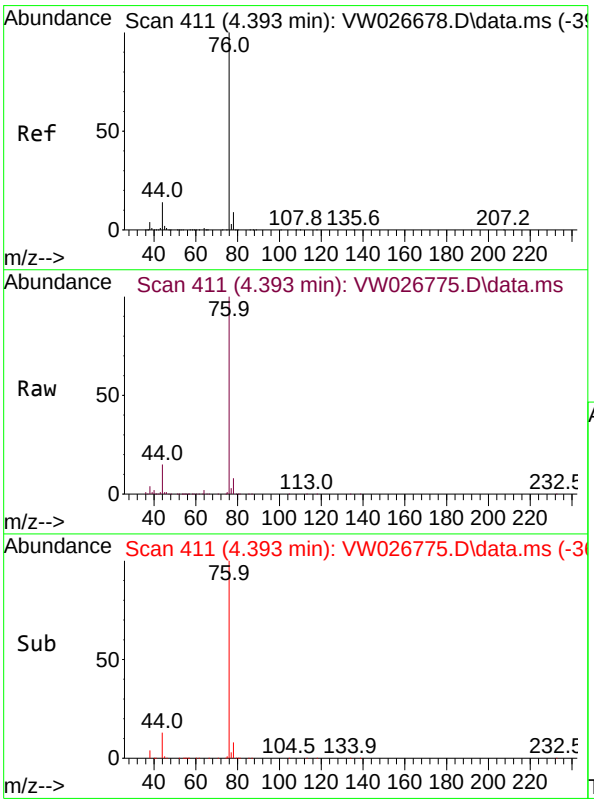
#13
Acetone
Concen: 5.361 ug/L
RT: 4.137 min Scan# 3
Delta R.T. 0.012 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 16584

Ion	Ratio	Lower	Upper
43	100		
58	15.1	0.0	57.4

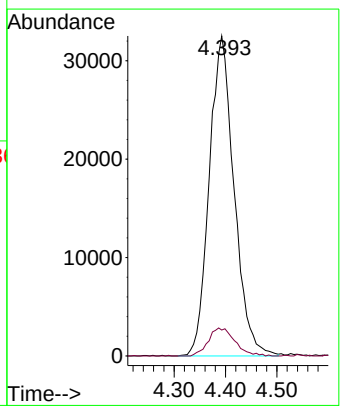


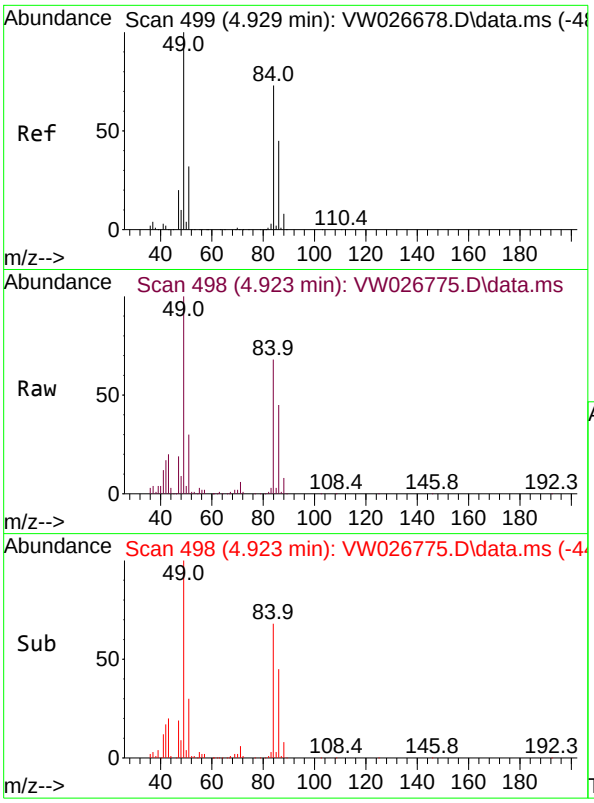


#14
Carbon disulfide
Concen: 3.115 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 76 Resp: 109064

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.1	10.7



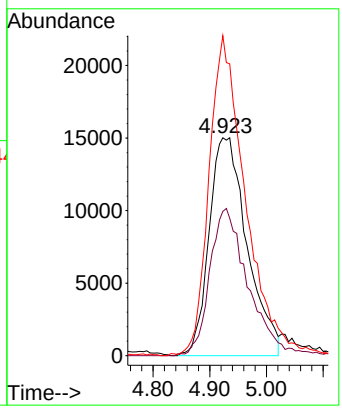


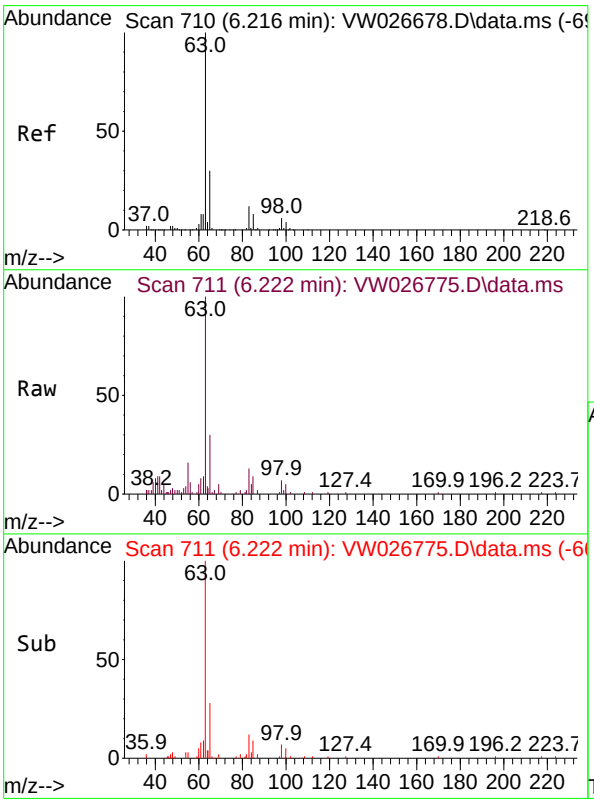
#16
Methylene chloride
Concen: 5.495 ug/L
RT: 4.923 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 69998

Ion	Ratio	Lower	Upper
84	100		
86	66.2	43.5	80.9
49	146.8	96.0	178.2

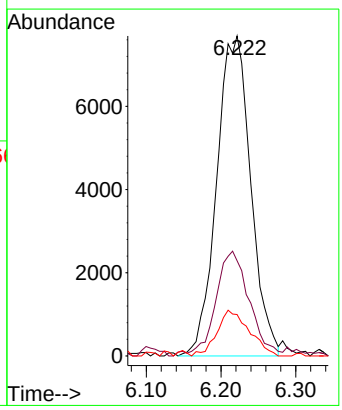


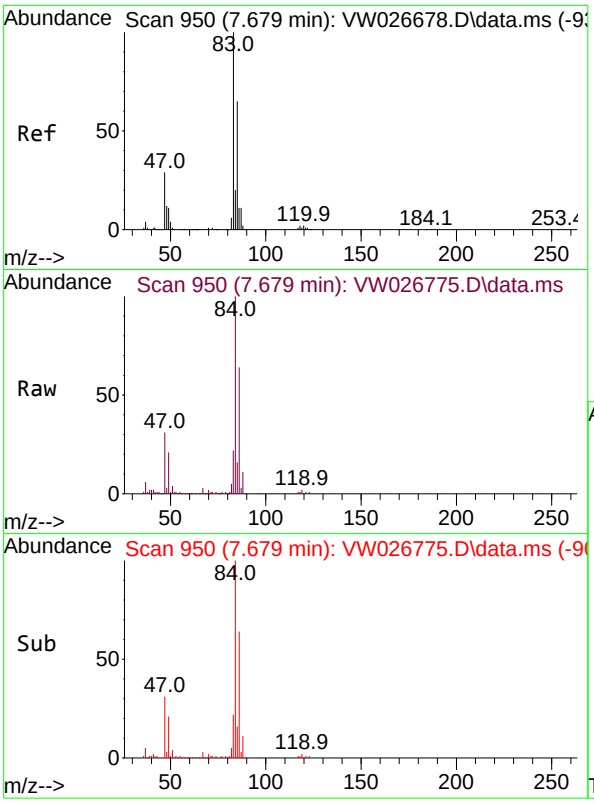


#19
1,1-Dichloroethane
Concen: 1.091 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 63 Resp: 24396

Ion	Ratio	Lower	Upper
63	100		
65	29.7	21.8	40.6
83	13.0	9.0	16.6



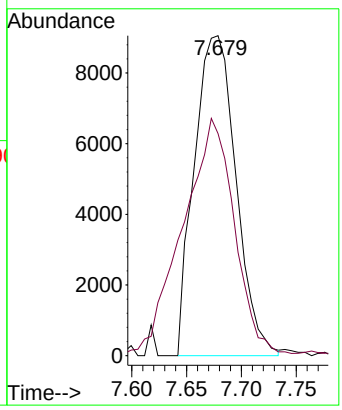


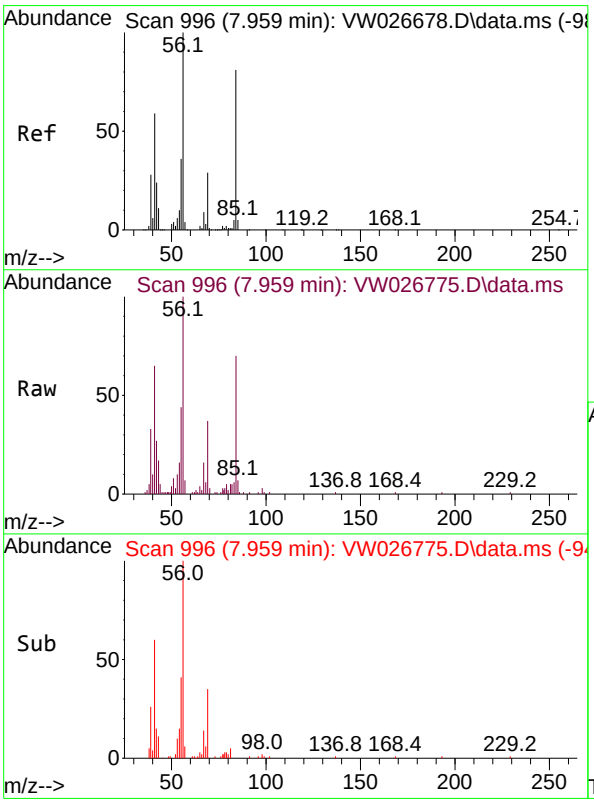
#25
Chloroform
Concen: 1.109 ug/L
RT: 7.679 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 23961

Ion	Ratio	Lower	Upper
83	100		
85	69.4	45.4	84.2

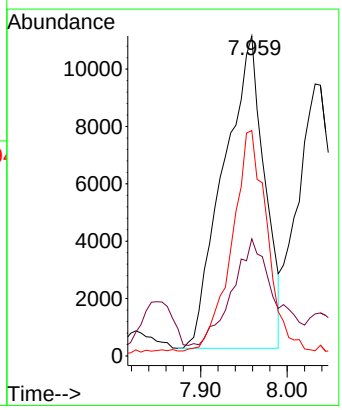


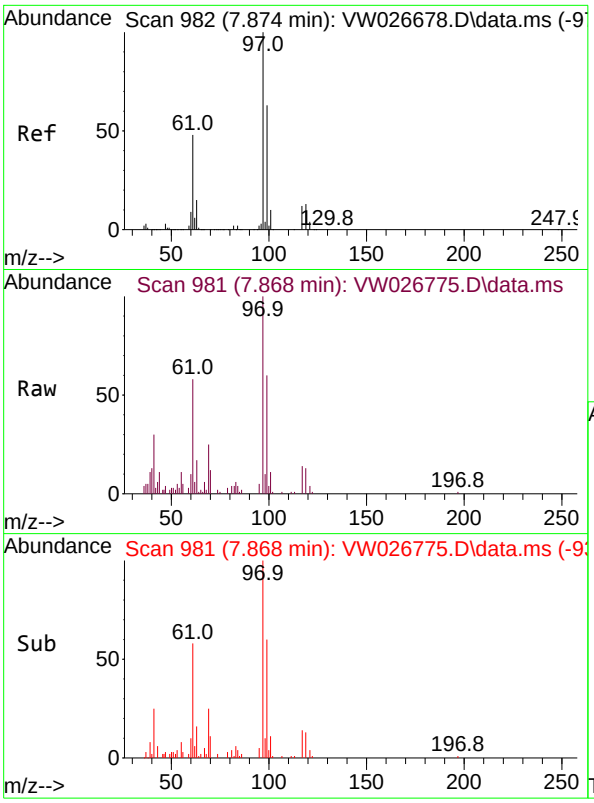


#29
Cyclohexane
Concen: 2.560 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 56 Resp: 35625

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.2	34.8
84	60.4	62.7	94.1#



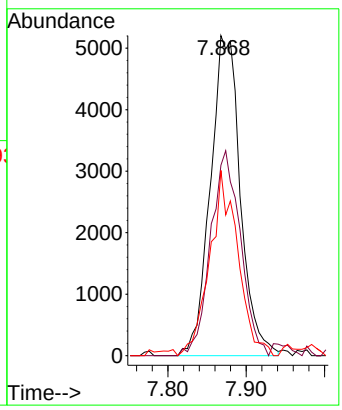


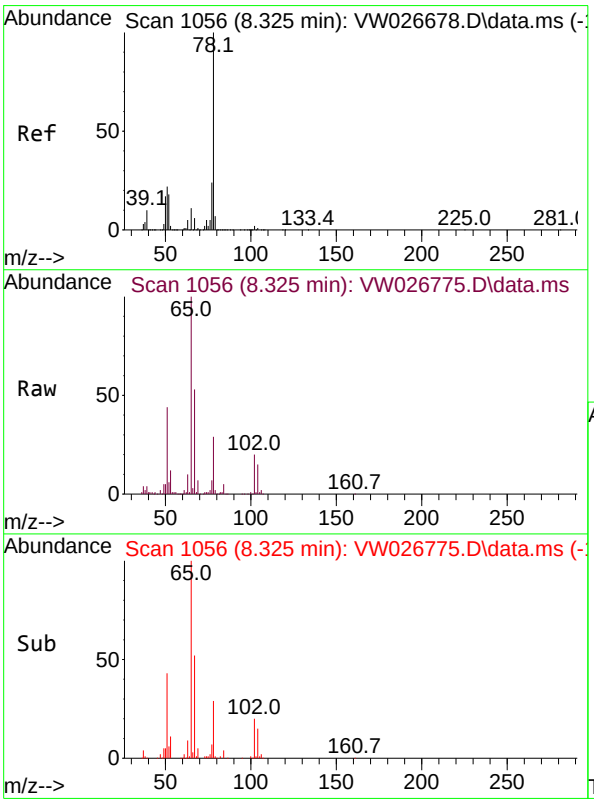
#30
1,1,1-Trichloroethane
Concen: 1.179 ug/L
RT: 7.868 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 13842

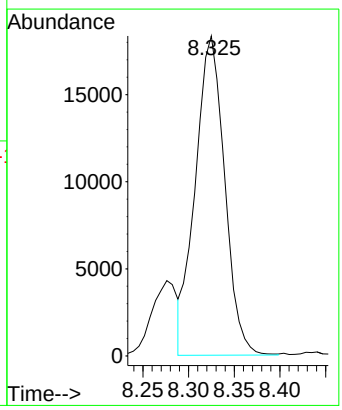
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	32.2	39.2	58.8#

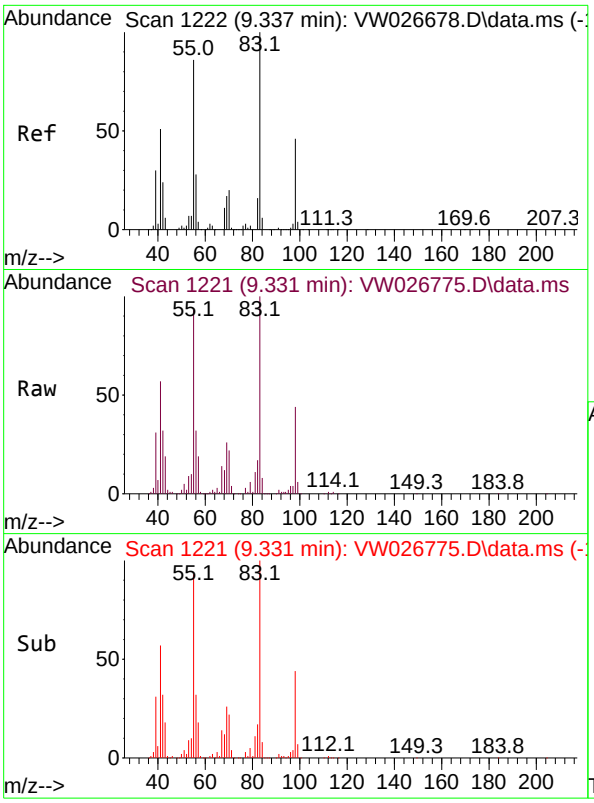




#33
Benzene
Concen: 1.245 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 78 Resp: 40814



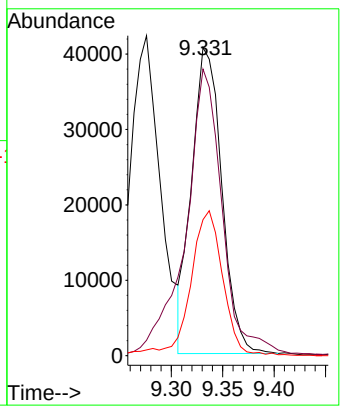


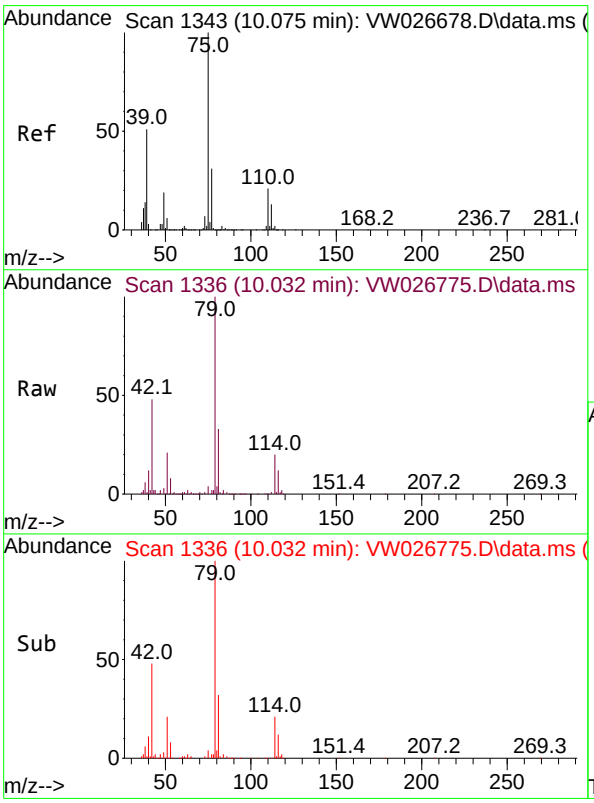
#35
Methylcyclohexane
Concen: 5.788 ug/L
RT: 9.331 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 82640

Ion	Ratio	Lower	Upper
83	100		
55	113.4	69.3	103.9#
98	47.4	37.4	56.0

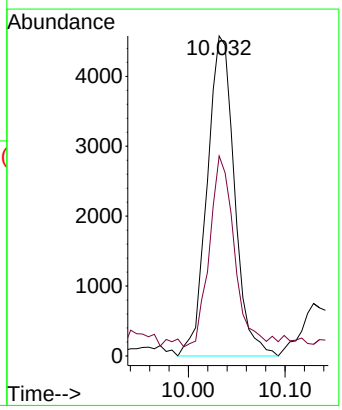


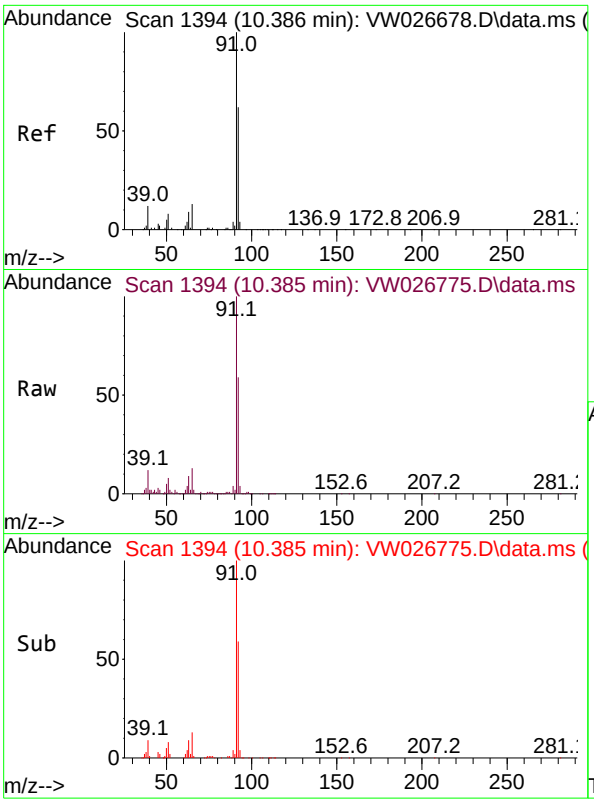


#39
cis-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.043 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 75 Resp: 8978

Ion	Ratio	Lower	Upper
75	100		
77	62.5	22.8	42.4#



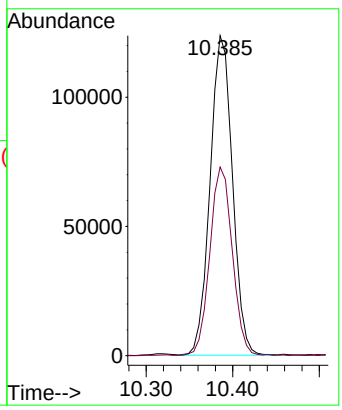


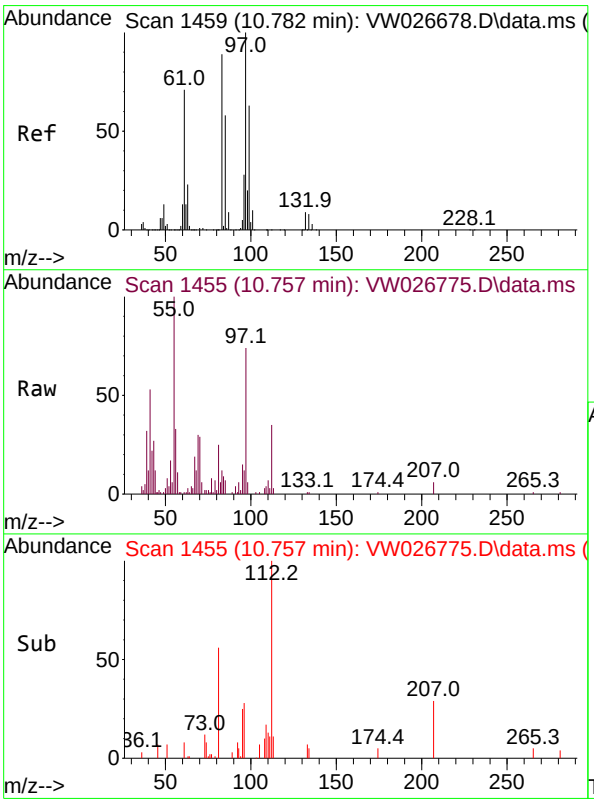
#42
Toluene
Concen: 6.693 ug/L
RT: 10.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 221869

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.8	75.8

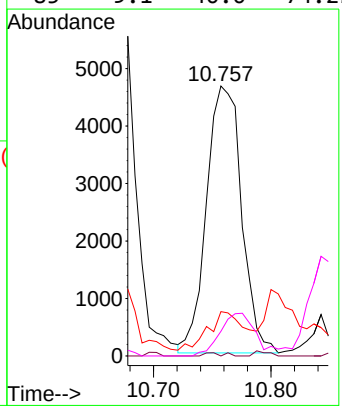


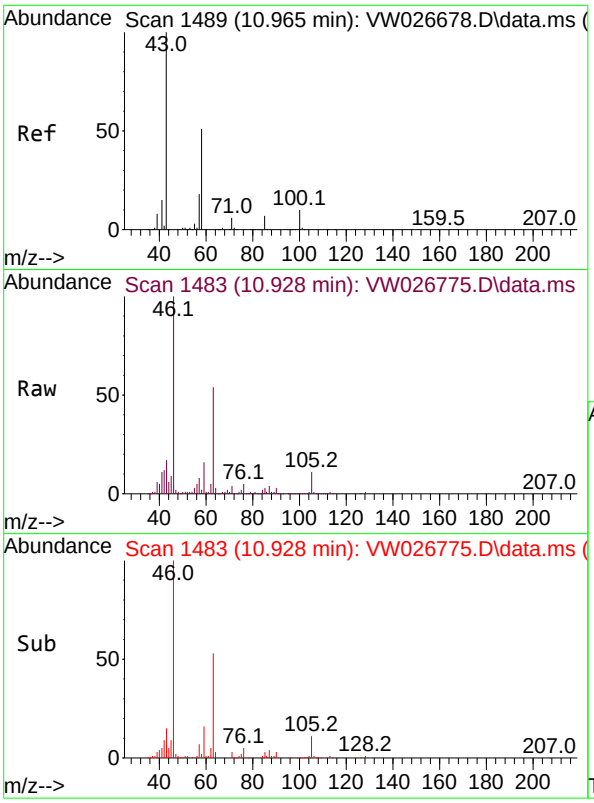


#45
1,1,2-Trichloroethane
Concen: 1.566 ug/L
RT: 10.757 min Scan# 1455
Delta R.T. -0.031 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 97 Resp: 9611

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.0#
83	16.4	61.9	114.9#
85	9.1	40.0	74.2#



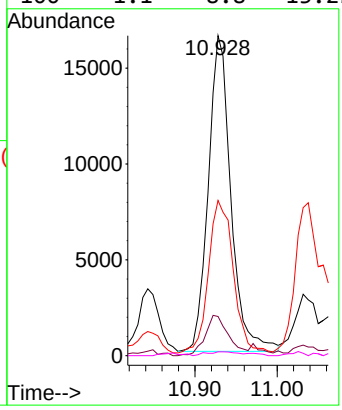


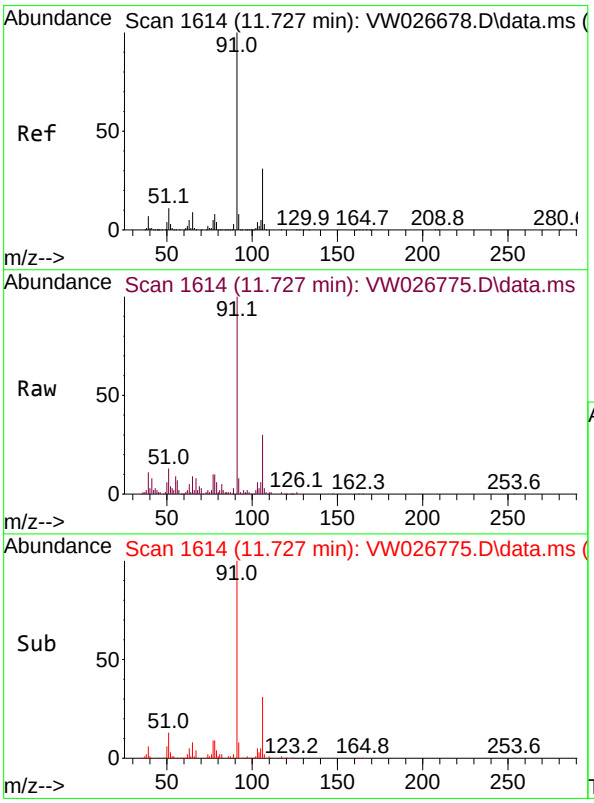
#48
2-Hexanone
Concen: 7.933 ug/L
RT: 10.928 min Scan# 14
Delta R.T. -0.037 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 31516

Ion	Ratio	Lower	Upper
43	100		
58	13.3	41.1	61.7#
57	52.5	14.3	21.5#
100	1.1	8.8	13.2#

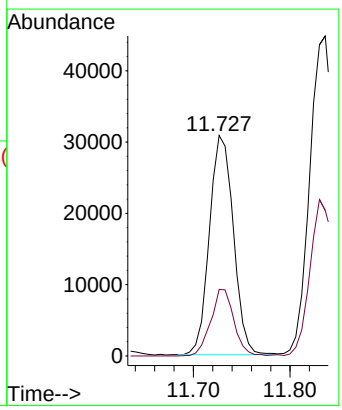


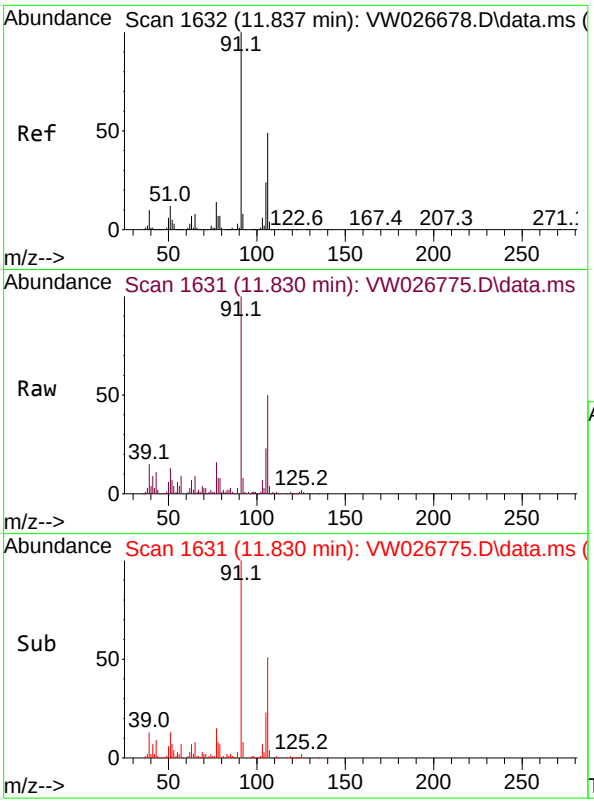


#52
Ethylbenzene
Concen: 1.423 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion: 91 Resp: 52904

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.2	37.6



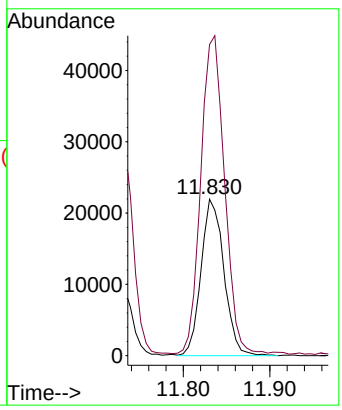


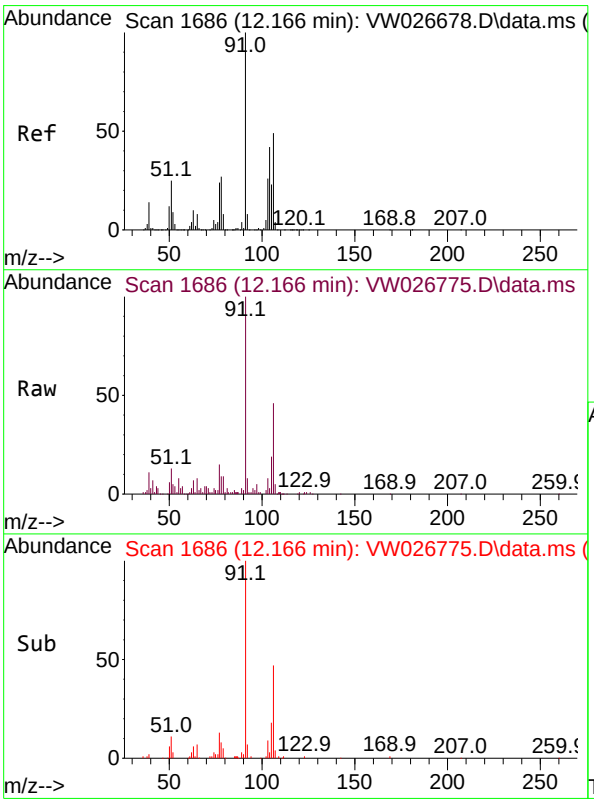
#53
m,p-Xylene
Concen: 2.929 ug/L
RT: 11.830 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 40341

Ion	Ratio	Lower	Upper
106	100		
91	198.8	152.9	284.1

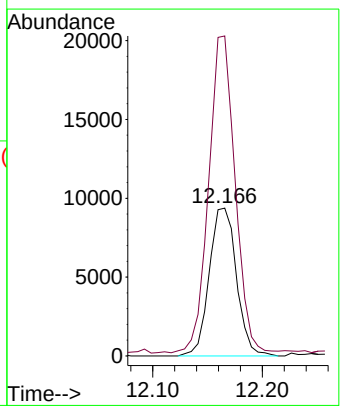


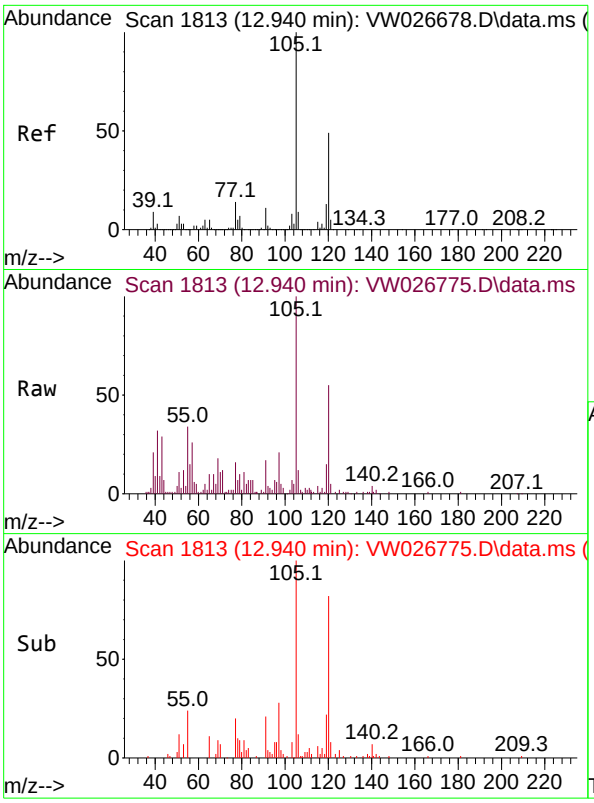


#54
o-Xylene
Concen: 1.258 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion:106 Resp: 16172

Ion	Ratio	Lower	Upper
106	100		
91	216.4	149.9	278.3



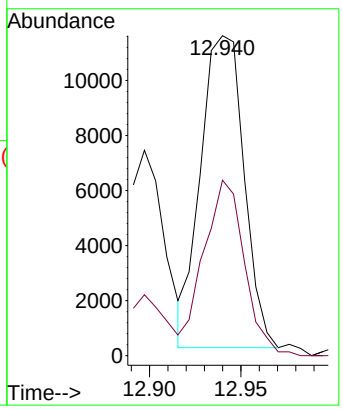


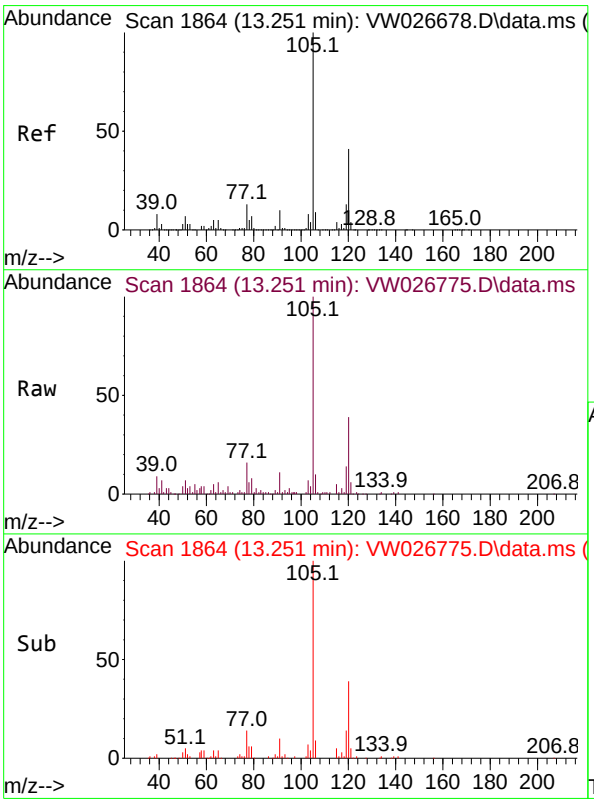
#62
1,3,5-Trimethylbenzene
Concen: 1.494 ug/L
RT: 12.940 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 18695

Ion	Ratio	Lower	Upper
105	100		
120	53.0	37.4	56.2

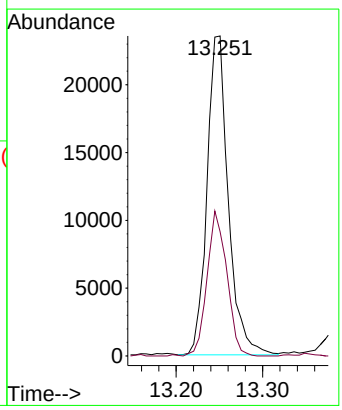


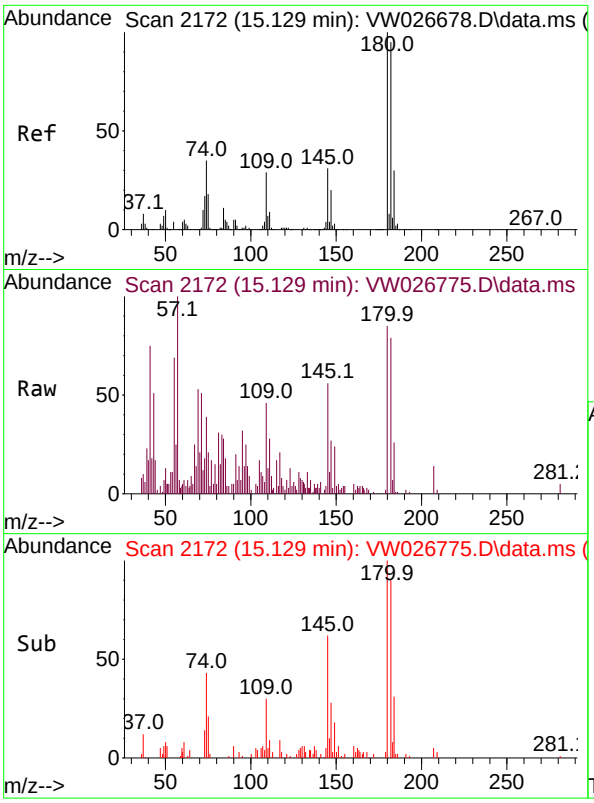


#63
1,2,4-Trimethylbenzene
Concen: 3.273 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion:105 Resp: 40138

Ion	Ratio	Lower	Upper
105	100		
120	42.1	36.2	54.4



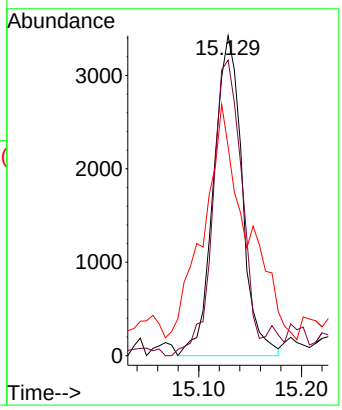


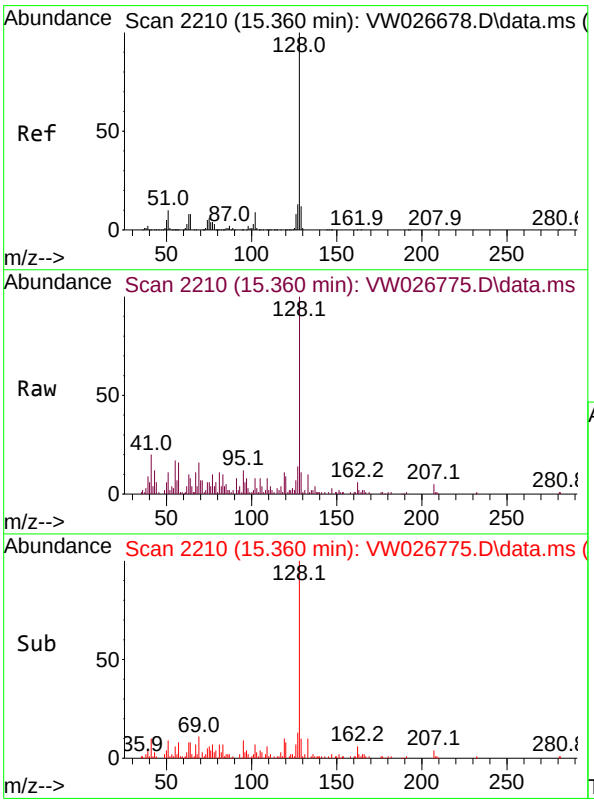
#70
1,2,4-trichlorobenzene
Concen: 1.674 ug/L
RT: 15.129 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 6603

Ion	Ratio	Lower	Upper
180	100		
182	94.0	72.5	108.7
145	85.2	24.7	37.1#





#71
Naphthalene
Concen: 2.654 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW026775.D
Acq: 18 Aug 2023 17:21

Tgt Ion:128 Resp: 19964

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.7	16.1
129	11.0	9.0	13.4