Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019898.D
Acq On : 25 Aug 2021 16:49
Operator : SY/VA
Sample : M3526-11
Misc : 6.23g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Aug 26 01:11:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 26 01:07:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	465236	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	476593	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	270236	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	138794	19.255	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.000%			
7) Chloroethane-d5	2.898	69	117350	18.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.200%			
11) 1,1-Dichloroethene-d2	4.025	63	176044	14.074	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.280%			
21) 2-Butanone-d5	7.080	46	53894	36.808	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.620%			
24) Chloroform-d	7.653	84	243351	19.020	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.080%			
26) 1,2-Dichloroethane-d4	8.311	65	122011	17.695	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 70.800%			
32) Benzene-d6	8.281	84	497265	18.299	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 73.200%			
36) 1,2-Dichloropropane-d6	9.305	67	685819	83.341	ug/L	0.03
Spiked Amount 25.000	Range 70 - 120		Recovery = 333.360%#			
41) Toluene-d8	10.329	98	2864869	115.043	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 460.160%#			
43) trans-1,3-Dichloroprop...	10.579	79	48898	14.383	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 57.520%			
47) 2-Hexanone-d5	10.927	63	74316	64.826	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.660%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	187281	27.962	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.840%			
66) 1,2-Dichlorobenzene-d4	13.859	152	205133	22.129	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.520%			
Target Compounds						Qvalue
13) Acetone	4.123	43	83185	66.553	ug/L	63
16) Methylene chloride	4.922	84	26401	3.306	ug/L #	18
22) 2-Butanone	7.177	43	89863	55.481	ug/L #	46
25) Chloroform	7.641	83	19283	1.589	ug/L #	41
27) 1,2-Dichloroethane	8.445	62	31636	3.996	ug/L #	1
29) Cyclohexane	7.964	56	75455	6.742	ug/L #	85
35) Methylcyclohexane	9.311	83	4594574	352.265	ug/L #	30
37) 1,2-Dichloropropane	9.390	63	9466	1.307	ug/L #	85
38) Bromodichloromethane	9.616	83	740408	78.895	ug/L #	51
40) 4-Methyl-2-pentanone	10.219	43	62532	16.233	ug/L #	44
42) Toluene	10.329	91	160582	5.182	ug/L #	38
45) 1,1,2-Trichloroethane	10.768	97	6758483	1288.645	ug/L #	21
48) 2-Hexanone	10.945	43	8665313	3231.475	ug/L #	23
50) 1,2-Dibromoethane	11.238	107	15282	3.102	ug/L #	1
51) Chlorobenzene	11.676	112	17230	0.876	ug/L #	1
52) Ethylbenzene	11.731	91	61006	1.829	ug/L #	47
53) m,p-Xylene	11.847	106	5154	0.402	ug/L #	1
54) o-Xylene	12.170	106	5307	0.438	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.695	83	325141	50.554	ug/L #	61

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019898.D
Acq On : 25 Aug 2021 16:49
Operator : SY/VA
Sample : M3526-11
Misc : 6.23g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 26 01:11:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 26 01:07:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Isopropylbenzene	12.469	105	121834	3.327	ug/L	#	1
62) 1,3,5-Trimethylbenzene	13.585	105	20169	0.690	ug/L		91
63) 1,2,4-Trimethylbenzene	13.255	105	31037	1.048	ug/L		87
68) 1,2-Dibromo-3-chloropr...	14.499	75	12742	11.032	ug/L	#	29
71) Naphthalene	15.322	128	79972	4.639	ug/L	#	1
72) 1,2,3-Trichlorobenzene	15.578	180	19217	2.401	ug/L	#	83

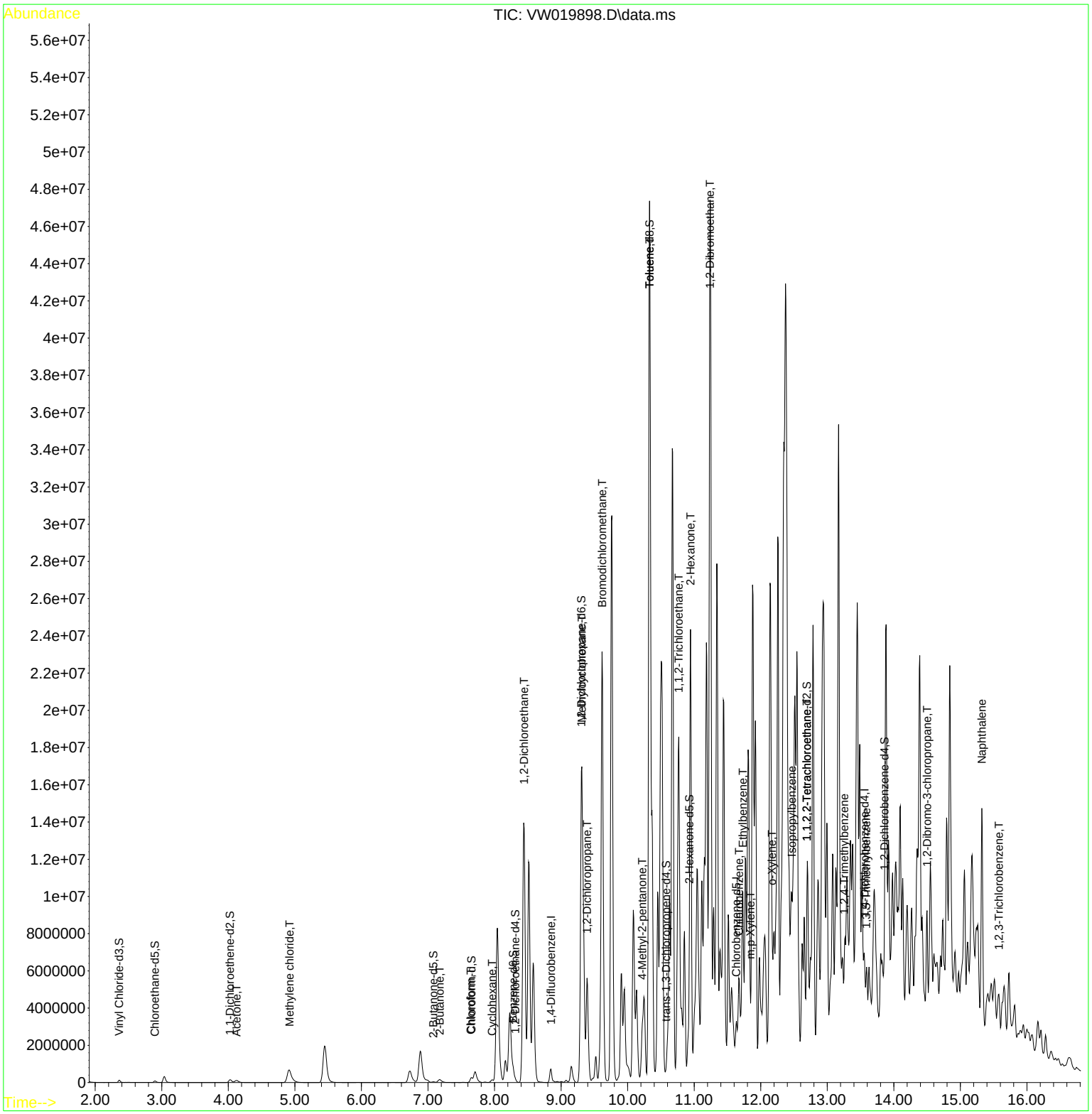
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

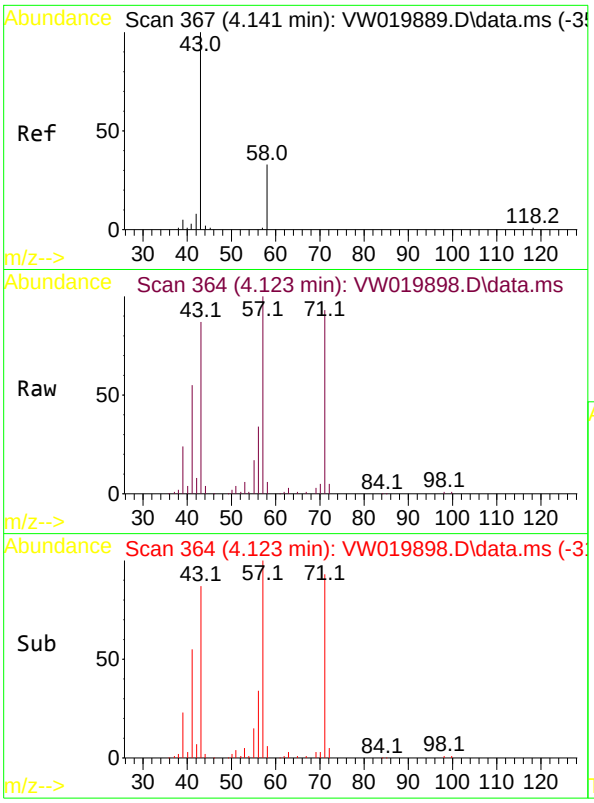
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
Data File : VW019898.D
Acq On : 25 Aug 2021 16:49
Operator : SY/VA
Sample : M3526-11
Misc : 6.23g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 26 01:11:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 26 01:07:03 2021
Response via : Initial Calibration



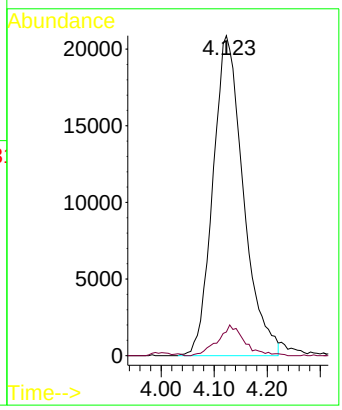
Instrument :
MSVOA_W
ClientSampleId :

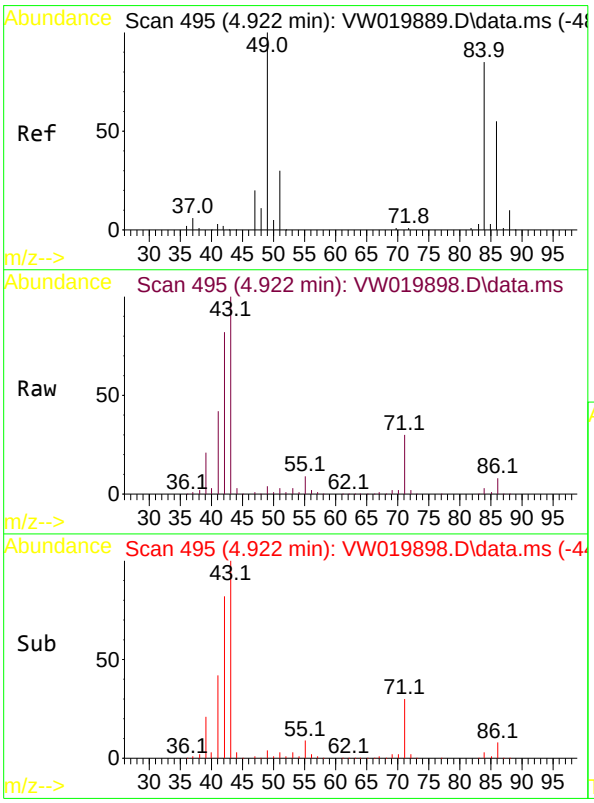


#13
Acetone
Concen: 66.553 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.018 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 43 Resp: 83185

Ion	Ratio	Lower	Upper
43	100		
58	7.6	0.0	53.8

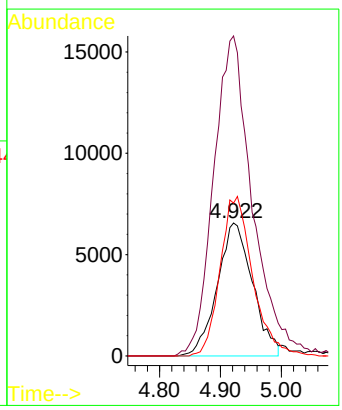


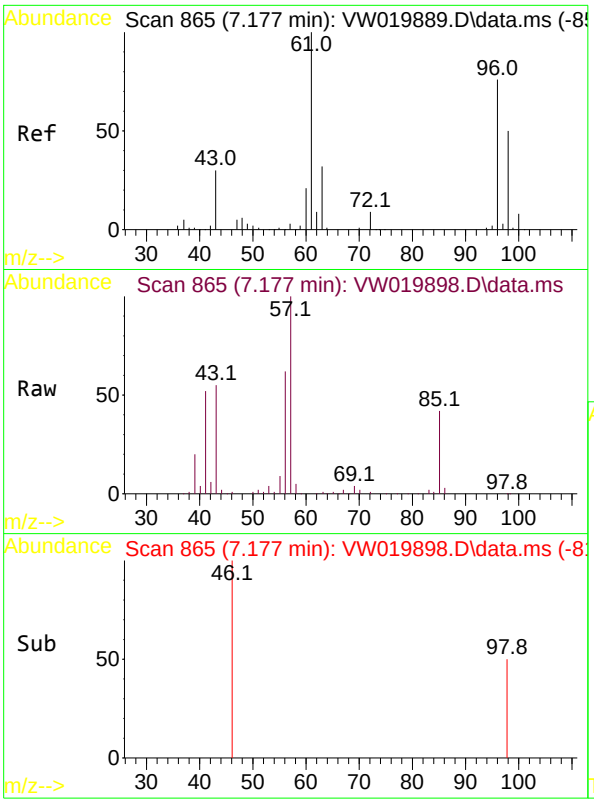


#16
Methylene chloride
Concen: 3.306 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 84 Resp: 26401

Ion	Ratio	Lower	Upper
84	100		
86	240.7	45.3	84.1#
49	115.0	86.6	160.8

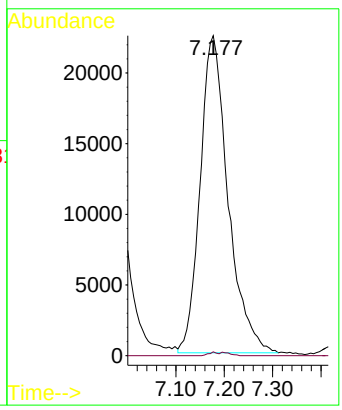




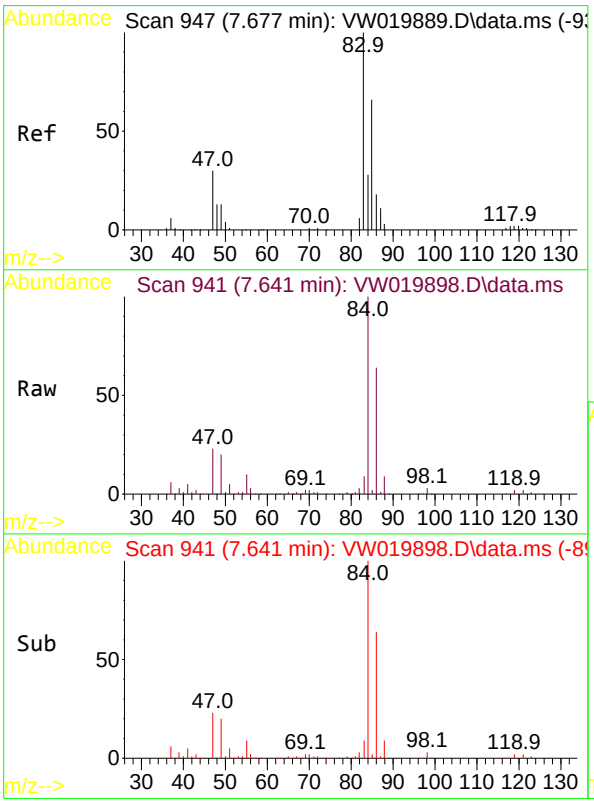
#22
2-Butanone
Concen: 55.481 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 43 Resp: 89863

Ion	Ratio	Lower	Upper
43	100		
72	0.4	14.9	44.7#



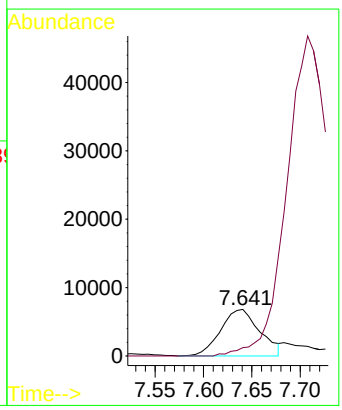
Instrument :
MSVOA_W
ClientSampleId :



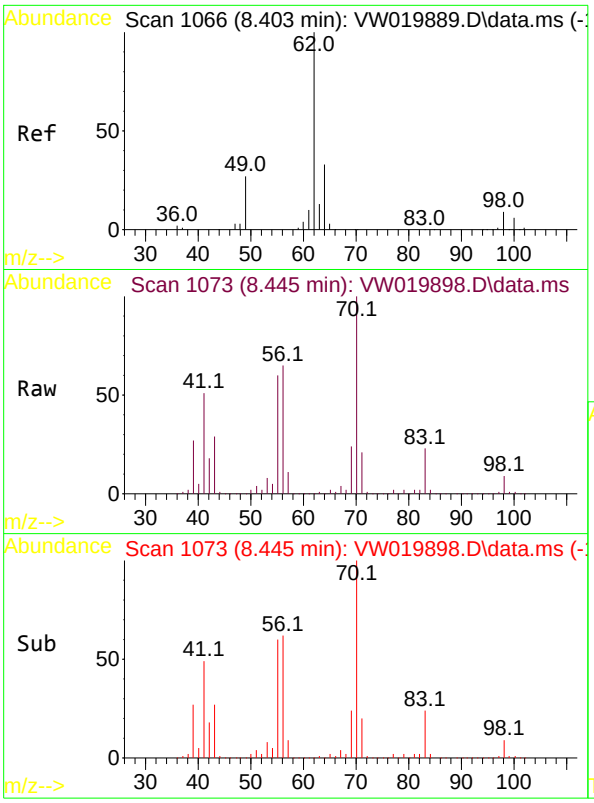
#25
Chloroform
Concen: 1.589 ug/L
RT: 7.641 min Scan# 941
Delta R.T. -0.037 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 83 Resp: 19283

Ion	Ratio	Lower	Upper
83	100		
85	18.0	44.6	82.8#



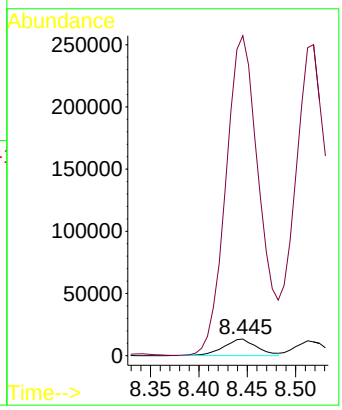
Instrument :
MSVOA_W
ClientSampleId :

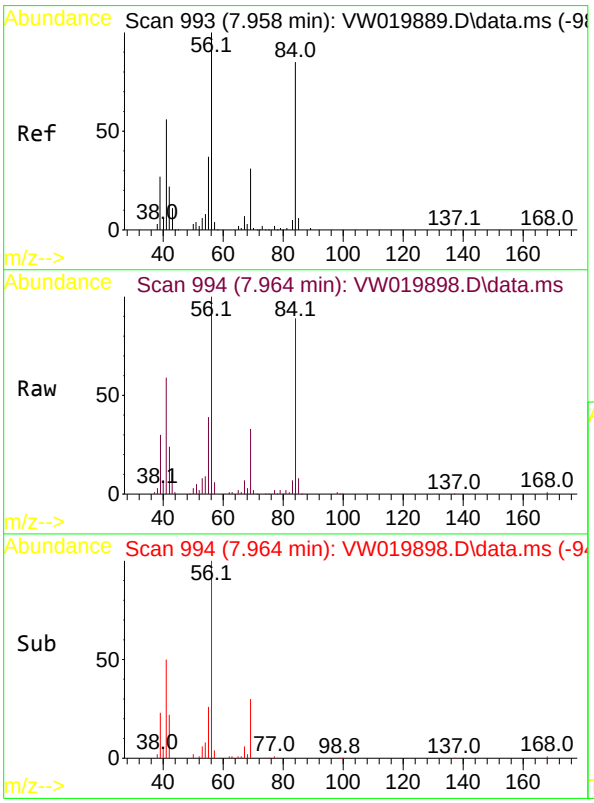


#27
1,2-Dichloroethane
Concen: 3.996 ug/L
RT: 8.445 min Scan# 1073
Delta R.T. 0.043 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 62 Resp: 31636

Ion	Ratio	Lower	Upper
62	100		
98	1921.6	6.9	10.3#

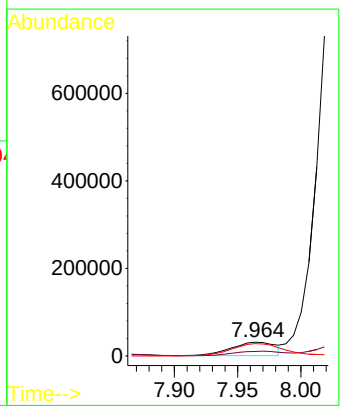


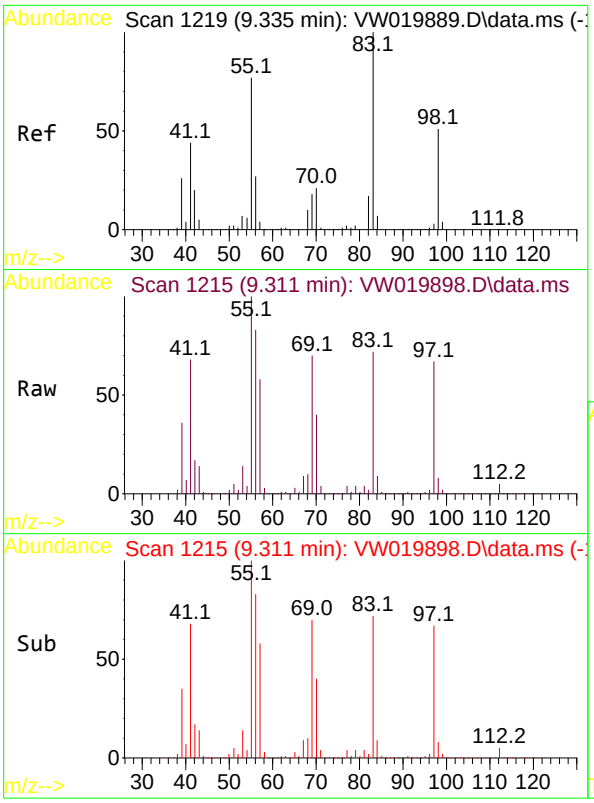


#29
Cyclohexane
Concen: 6.742 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 56 Resp: 75455

Ion	Ratio	Lower	Upper
56	100		
69	38.8	24.5	36.7#
84	108.5	75.0	112.4

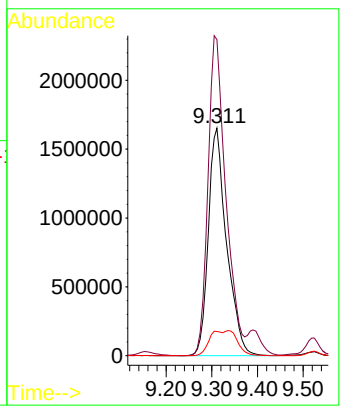




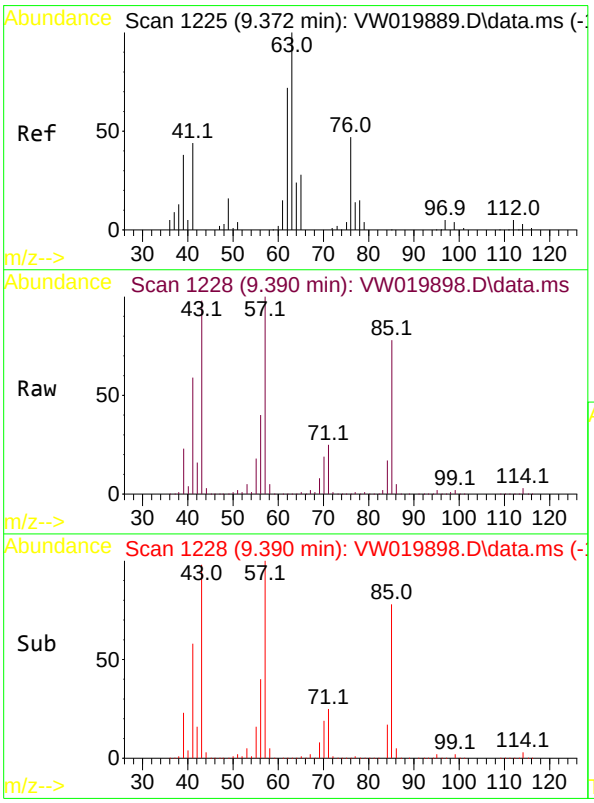
#35
Methylcyclohexane
Concen: 352.265 ug/L
RT: 9.311 min Scan# 1215
Delta R.T. -0.024 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 83 Resp: 4594574

Ion	Ratio	Lower	Upper
83	100		
55	137.5	58.9	88.3#
98	8.4	40.1	60.1#



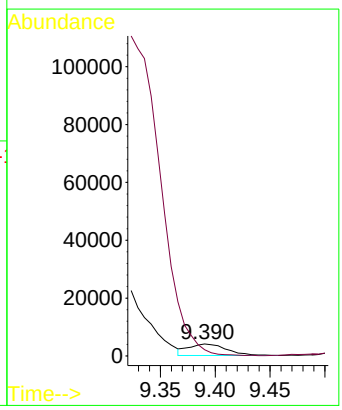
Instrument :
MSVOA_W
ClientSampleId :



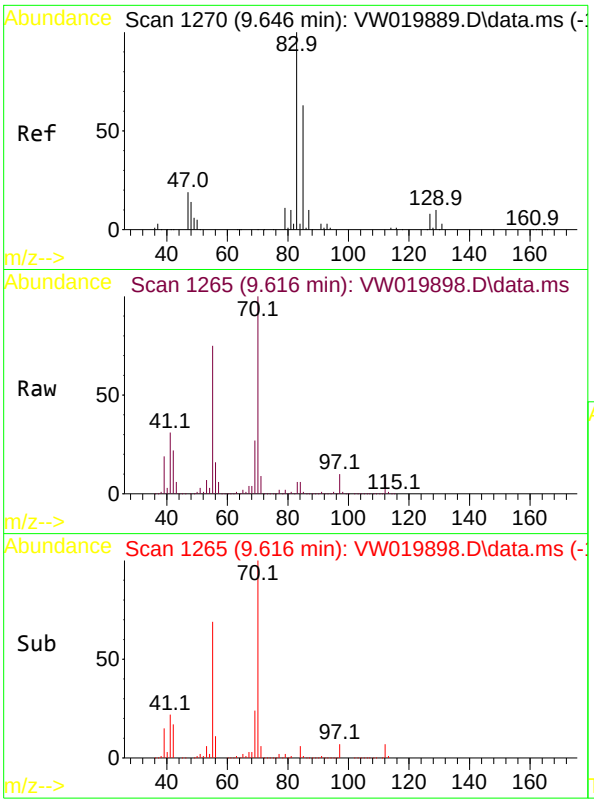
#37
1,2-Dichloropropane
Concen: 1.307 ug/L
RT: 9.390 min Scan# 1228
Delta R.T. 0.018 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 63 Resp: 9466

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



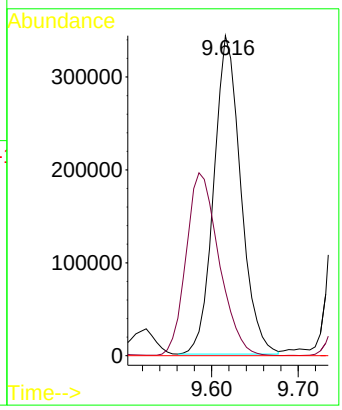
Instrument :
MSVOA_W
ClientSampleId :

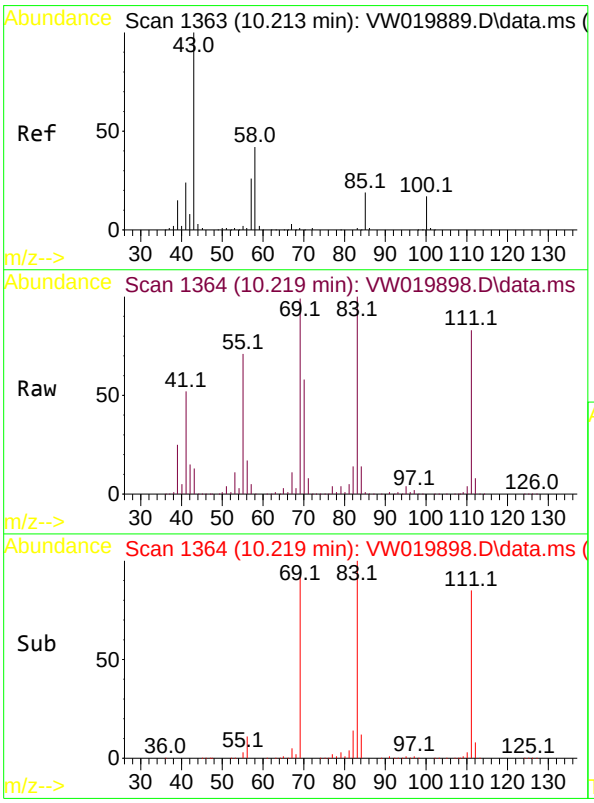


#38
Bromodichloromethane
Concen: 78.895 ug/L
RT: 9.616 min Scan# 1265
Delta R.T. -0.030 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 83 Resp: 740408

Ion	Ratio	Lower	Upper
83	100		
85	20.3	42.3	78.5#
127	0.0	6.6	9.8#

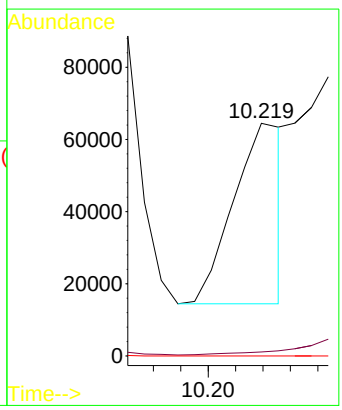




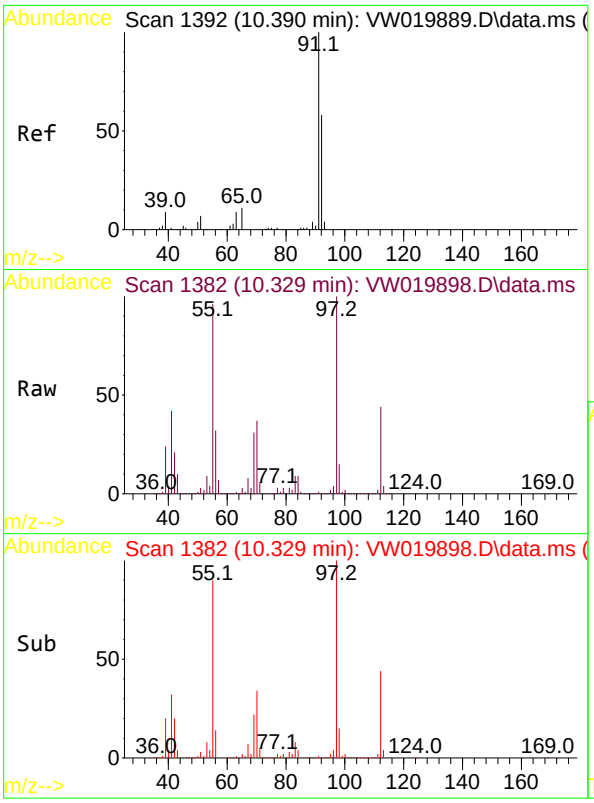
#40
4-Methyl-2-pentanone
Concen: 16.233 ug/L
RT: 10.219 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 43 Resp: 62532

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.0	46.4#
100	0.1	13.0	19.6#



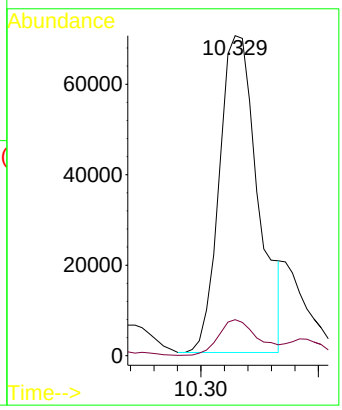
Instrument :
MSVOA_W
ClientSampleId :

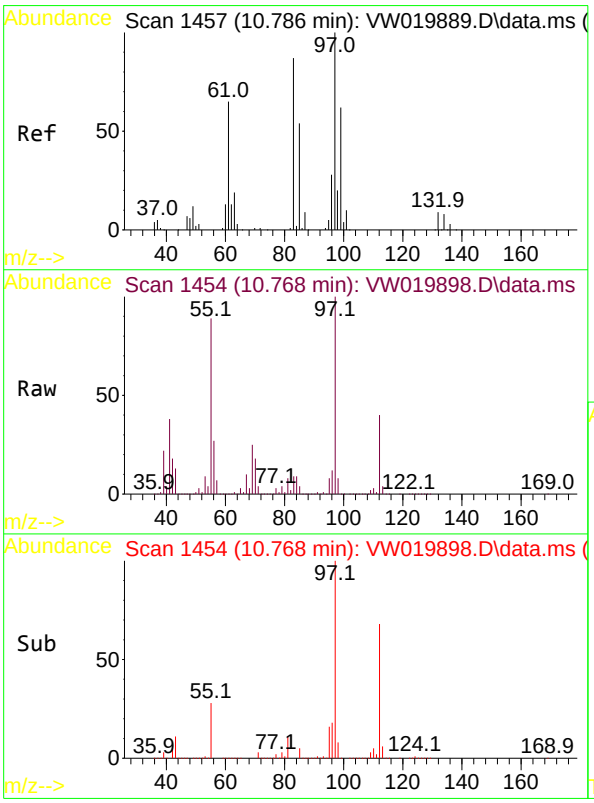


#42
Toluene
Concen: 5.182 ug/L
RT: 10.329 min Scan# 1382
Delta R.T. -0.061 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 91 Resp: 160582

Ion	Ratio	Lower	Upper
91	100		
92	11.3	39.5	73.3#

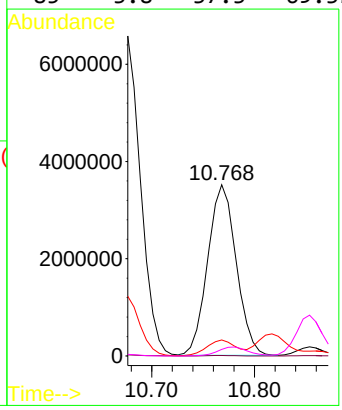


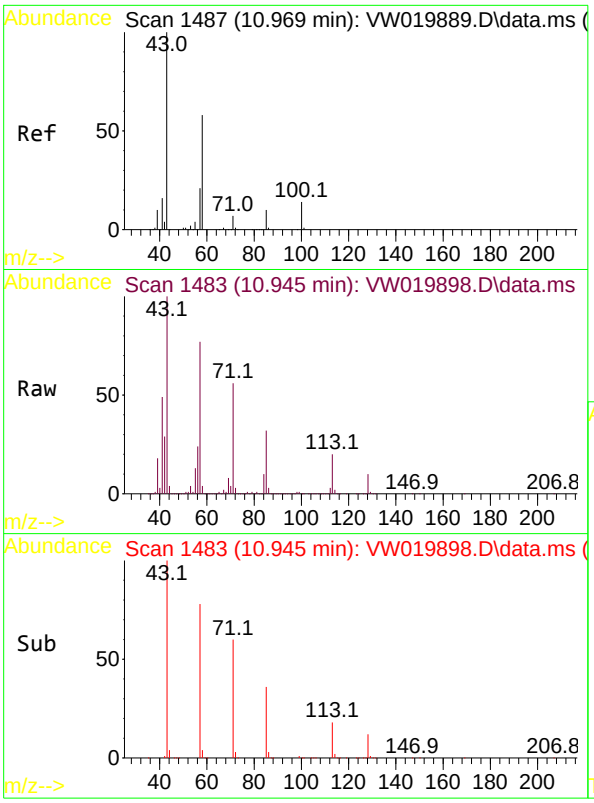


#45
1,1,2-Trichloroethane
Concen: 1288.645 ug/L
RT: 10.768 min Scan# 1454
Delta R.T. -0.018 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 97 Resp: 6758483

Ion	Ratio	Lower	Upper
97	100		
99	0.3	45.1	83.7#
83	9.3	58.1	107.9#
85	3.8	37.3	69.3#

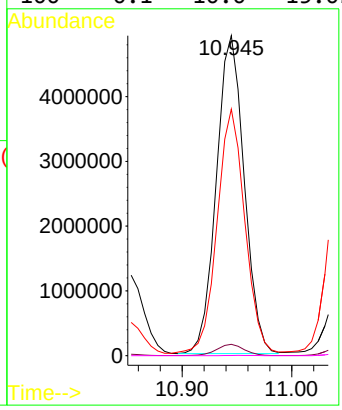




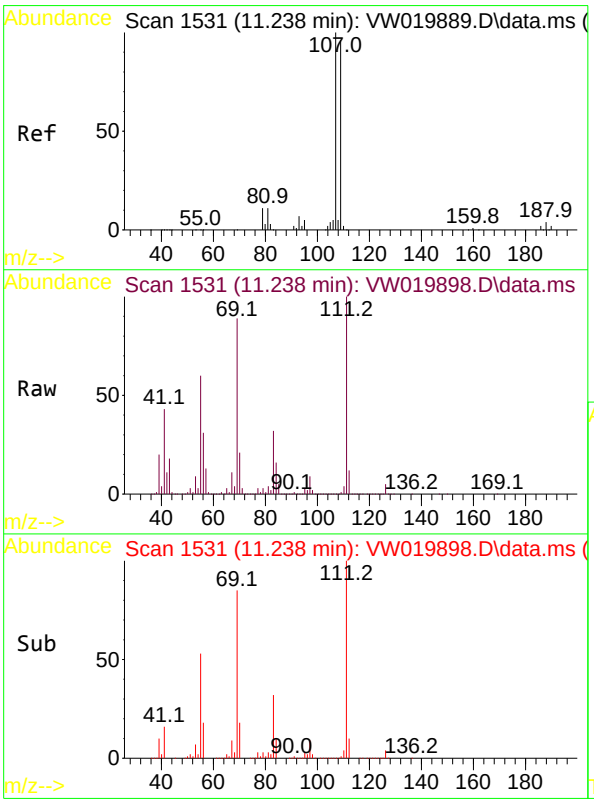
#48
2-Hexanone
Concen: 3231.475 ug/L
RT: 10.945 min Scan# 1483
Delta R.T. -0.024 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 43 Resp: 8665313

Ion	Ratio	Lower	Upper
43	100		
58	3.5	42.7	64.1#
57	76.2	15.8	23.8#
100	0.1	10.0	15.0#



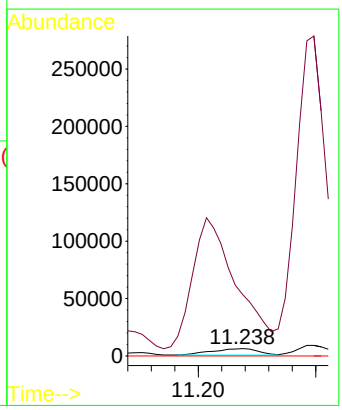
Instrument :
MSVOA_W
ClientSampleId :

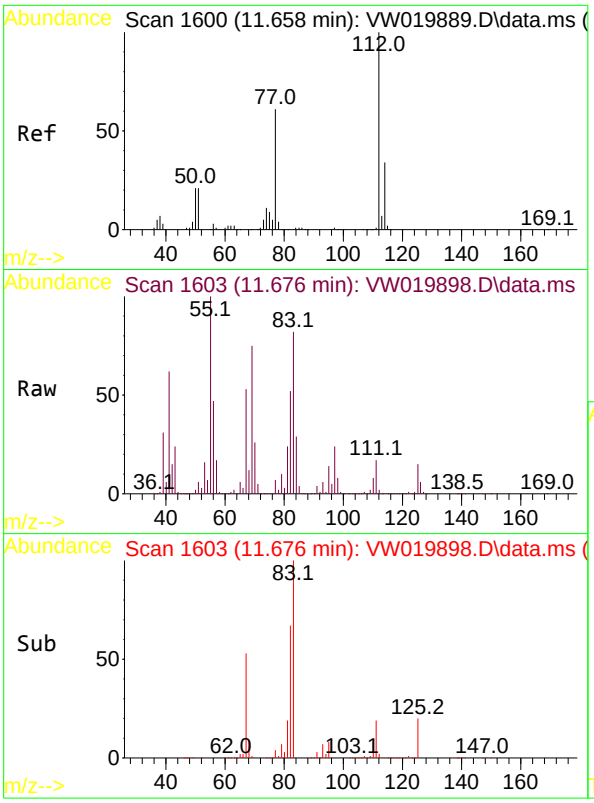


#50
1,2-Dibromoethane
Concen: 3.102 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:107 Resp: 15282

Ion	Ratio	Lower	Upper
107	100		
109	843.9	65.4	121.4#
188	0.0	2.6	4.0#

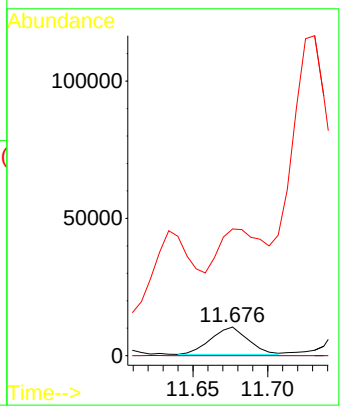




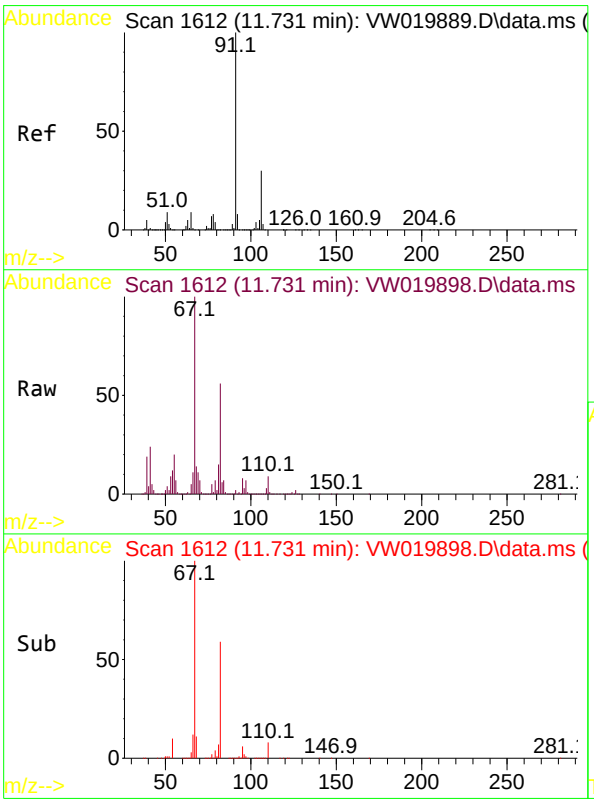
#51
Chlorobenzene
Concen: 0.876 ug/L
RT: 11.676 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:112 Resp: 17230

Ion	Ratio	Lower	Upper
112	100		
114	0.0	23.4	43.6#
77	442.3	47.6	71.4#



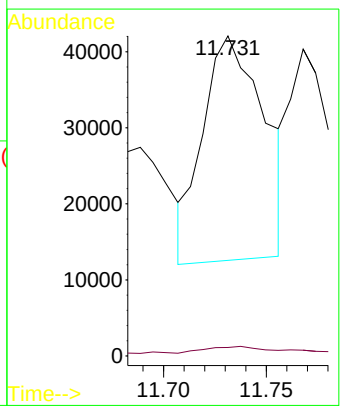
Instrument :
MSVOA_W
ClientSampleId :



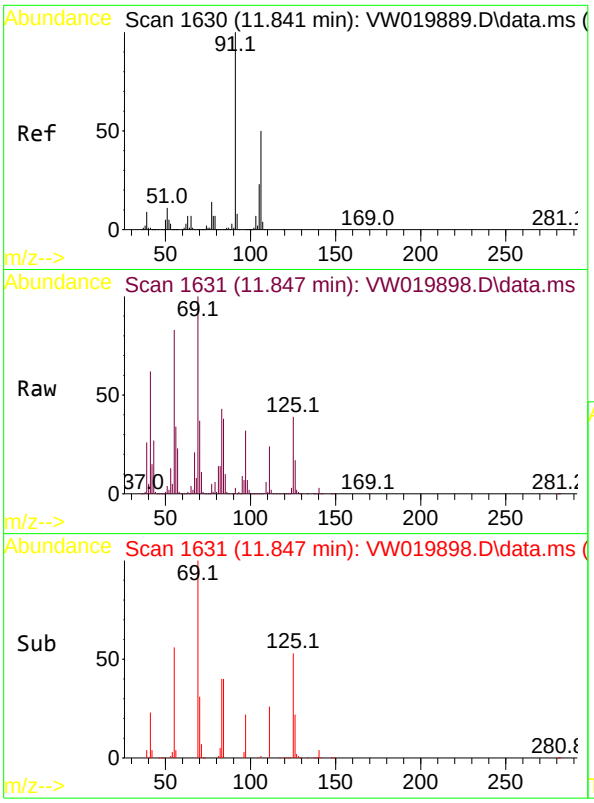
#52
Ethylbenzene
Concen: 1.829 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 91 Resp: 61006

Ion	Ratio	Lower	Upper
91	100		
106	2.6	22.5	41.7#



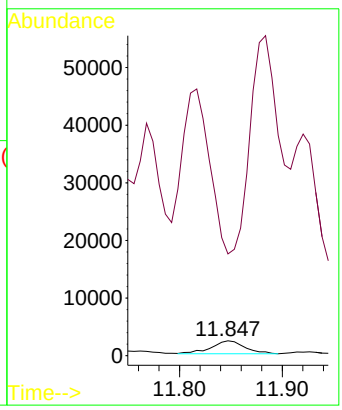
Instrument :
MSVOA_W
ClientSampleId :

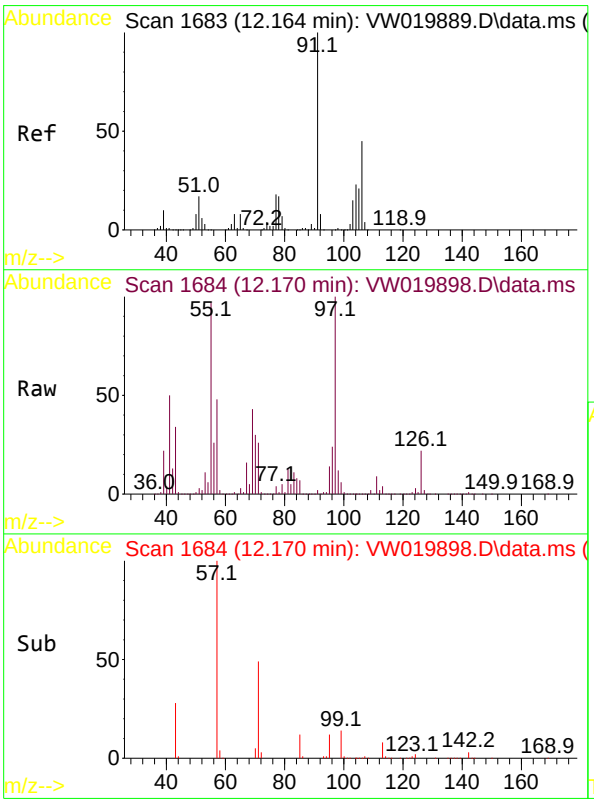


#53
m,p-Xylene
Concen: 0.402 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:106 Resp: 5154

Ion	Ratio	Lower	Upper
106	100		
91	684.6	141.3	262.3#

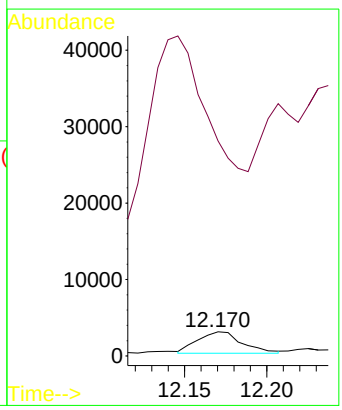




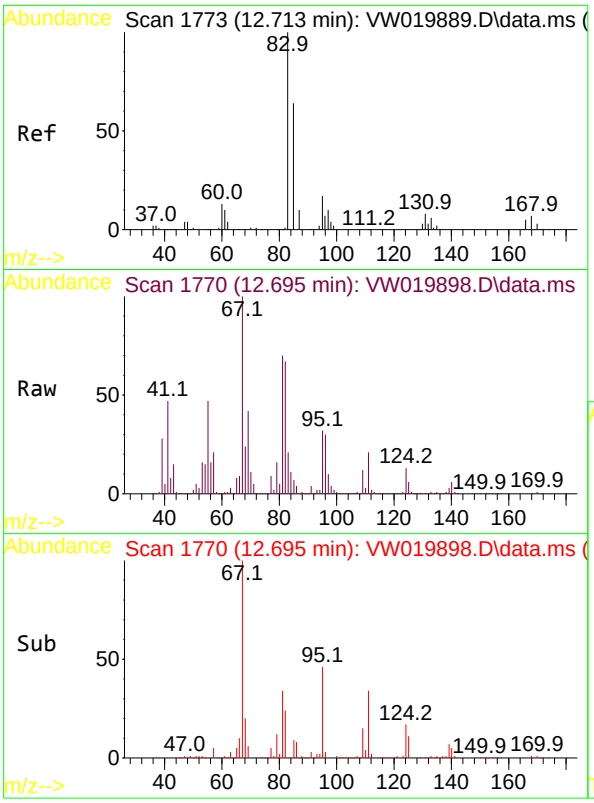
#54
o-Xylene
Concen: 0.438 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:106 Resp: 5307

Ion	Ratio	Lower	Upper
106	100		
91	888.9	150.0	278.6#



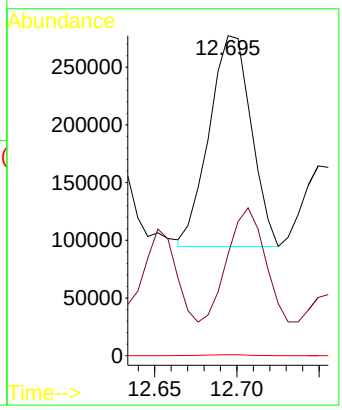
Instrument :
MSVOA_W
ClientSampleId :

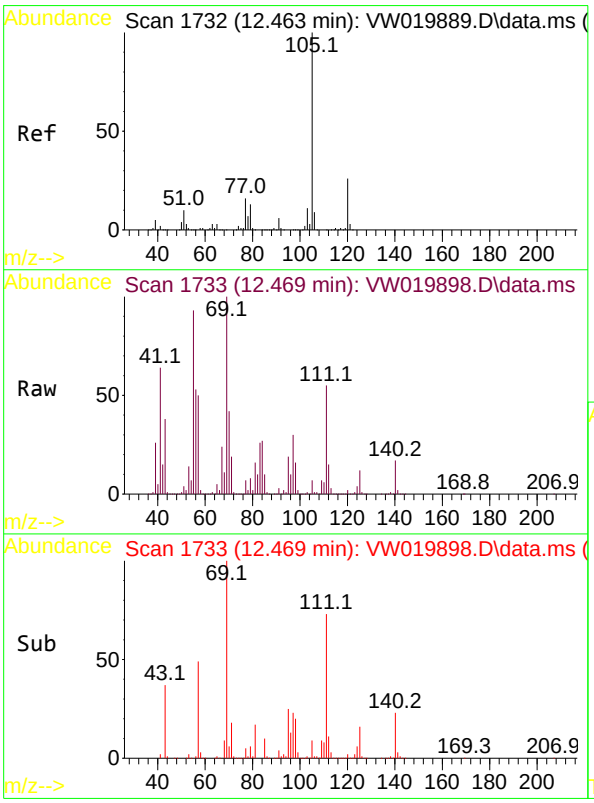


#57
1,1,2,2-Tetrachloroethane
Concen: 50.554 ug/L
RT: 12.695 min Scan# 1770
Delta R.T. -0.018 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 83 Resp: 325141

Ion	Ratio	Lower	Upper
83	100		
85	31.8	44.4	82.4#
131	0.3	8.2	12.4#

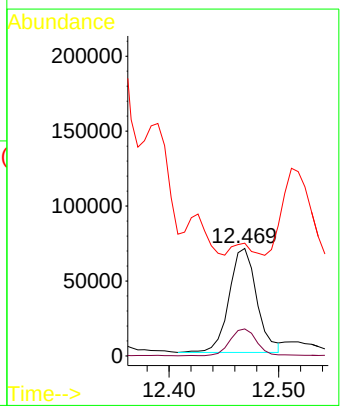




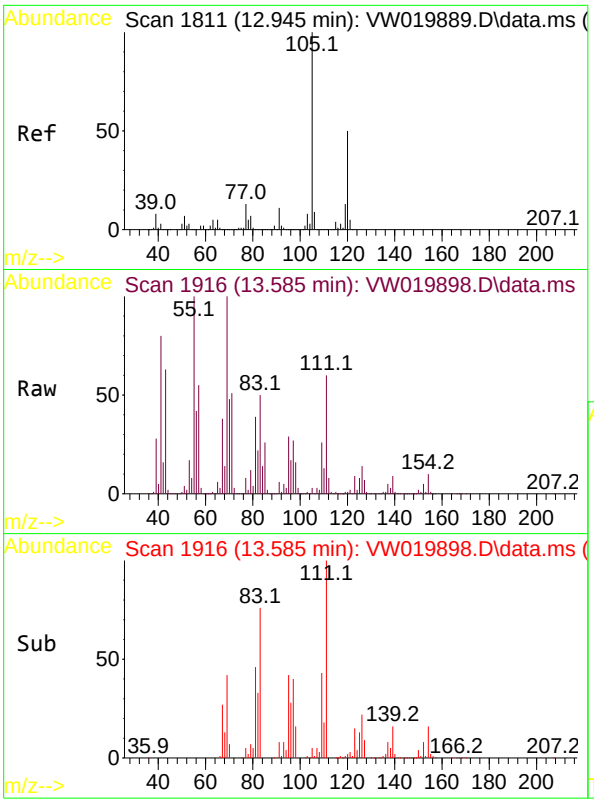
#60
Isopropylbenzene
Concen: 3.327 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:105 Resp: 121834

Ion	Ratio	Lower	Upper
105	100		
120	24.2	21.1	31.7
77	125.0	13.2	19.8#



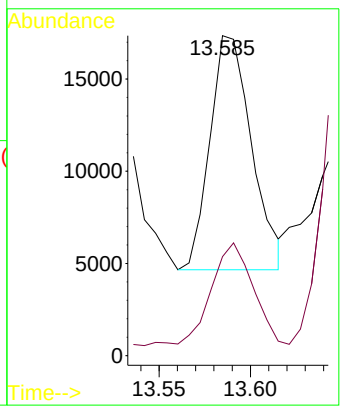
Instrument :
MSVOA_W
ClientSampleId :

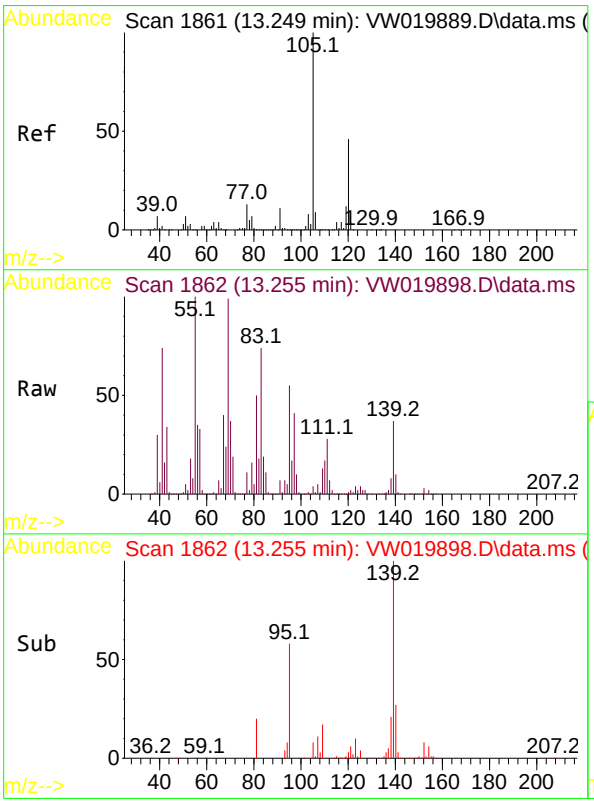


#62
1,3,5-Trimethylbenzene
Concen: 0.690 ug/L
RT: 13.585 min Scan# 1916
Delta R.T. 0.640 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:105 Resp: 20169

Ion	Ratio	Lower	Upper
105	100		
120	42.8	39.0	58.6

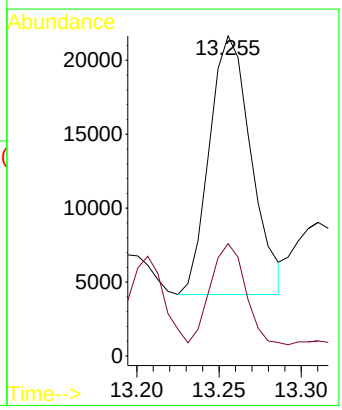




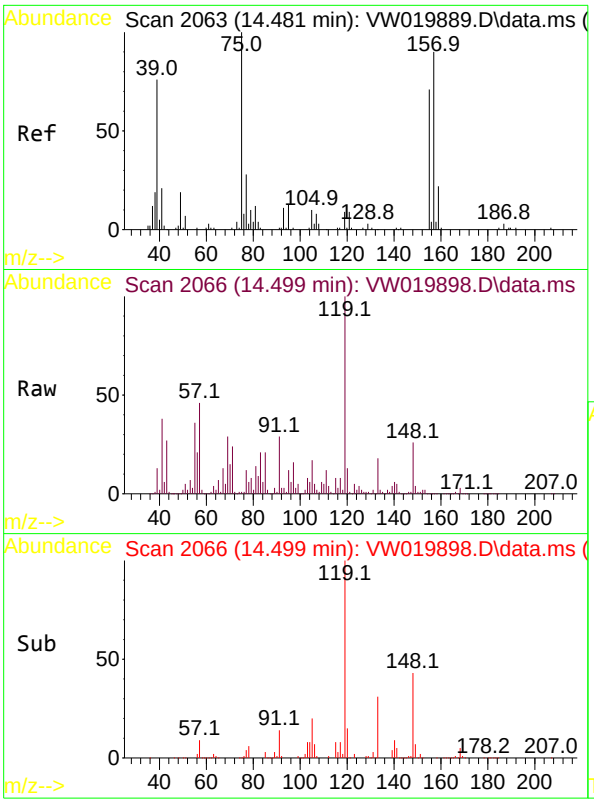
#63
1,2,4-Trimethylbenzene
Concen: 1.048 ug/L
RT: 13.255 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:105 Resp: 31037

Ion	Ratio	Lower	Upper
105	100		
120	36.0	35.6	53.4



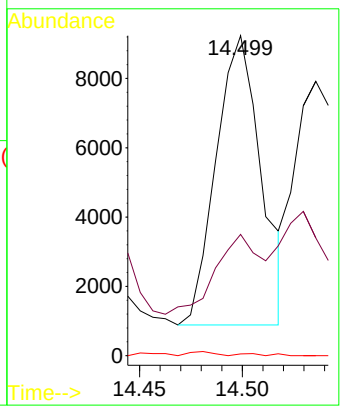
Instrument :
MSVOA_W
ClientSampleId :

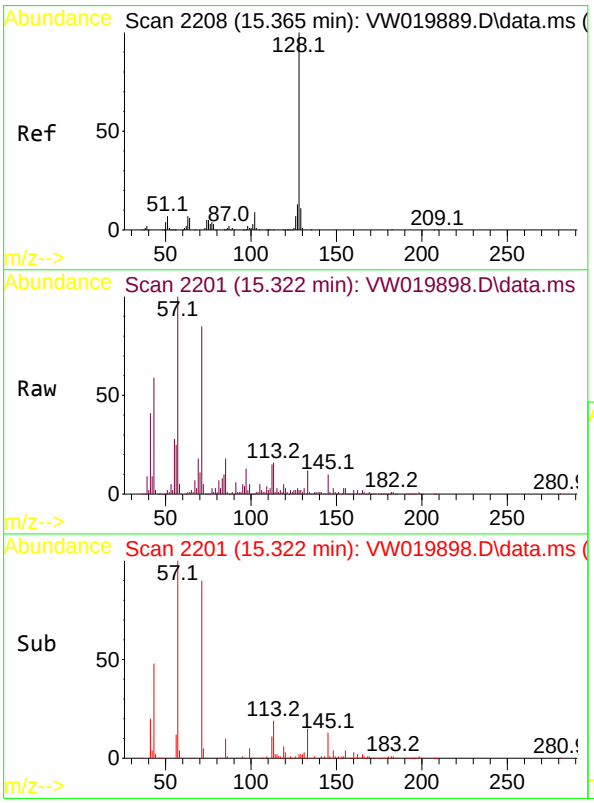


#68
1,2-Dibromo-3-chloropropane
Concen: 11.032 ug/L
RT: 14.499 min Scan# 2066
Delta R.T. 0.018 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion: 75 Resp: 12742

Ion	Ratio	Lower	Upper
75	100		
155	37.9	59.4	89.0#
157	0.6	72.2	108.2#

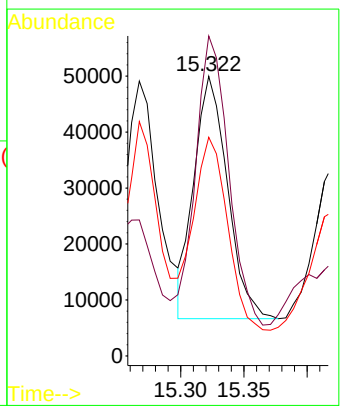


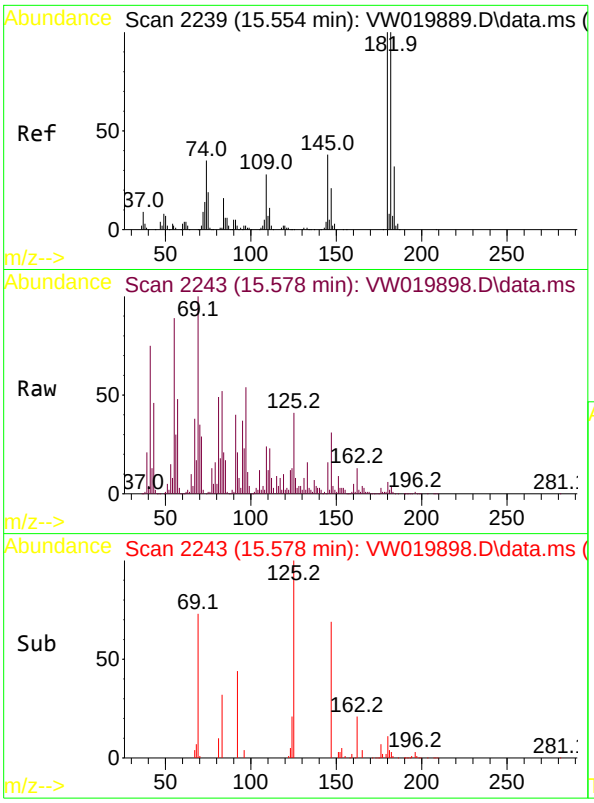


#71
Naphthalene
Concen: 4.639 ug/L
RT: 15.322 min Scan# 2201
Delta R.T. -0.043 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:128 Resp: 79972

Ion	Ratio	Lower	Upper
128	100		
127	118.1	10.6	15.8#
129	84.5	9.0	13.6#

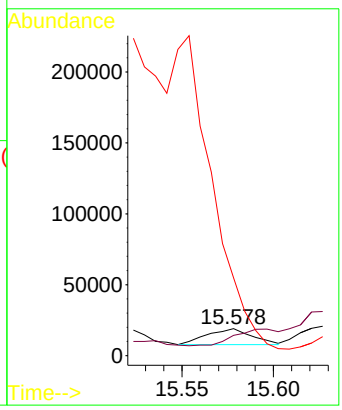




#72
1,2,3-Trichlorobenzene
Concen: 2.401 ug/L
RT: 15.578 min Scan# 2243
Delta R.T. 0.024 min
Lab File: VW019898.D
Acq: 25 Aug 2021 16:49

Tgt Ion:180 Resp: 19217

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
145	0.0	28.9	43.3#



Instrument :
MSVOA_W
ClientSampleId :