Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
Data File : VV022667.D
Acq On : 07 Oct 2021 17:05
Operator : SY/MD
Sample : M4050-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 08 04:03:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 08 04:01:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119465	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40080	4.876	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.600%			
7) Chloroethane-d5	1.568	69	38618	5.228	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.600%			
11) 1,1-Dichloroethene-d2	2.108	63	62358	3.868	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.400%			
20) 2-Butanone-d5	3.895	46	88415	41.025	ug/L	-0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.060%			
24) Chloroform-d	4.349	84	77408	4.570	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	5.034	65	37458	4.556	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
32) Benzene-d6	5.050	84	151321	4.320	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.072	67	47334	4.563	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.317	98	132695	4.382	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	7.625	79	15499	4.504	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.000%			
46) 2-Hexanone-d5	8.091	63	53150	38.328	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.660%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28041	3.990	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.800%			
66) 1,2-Dichlorobenzene-d4	11.628	152	51769	5.144	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.108	96	493	0.068	ug/L #	1
13) Acetone	2.182	43	12404	10.322	ug/L #	60
15) Methyl Acetate	2.182	43	9014	2.621	ug/L #	50
35) Methylcyclohexane	6.069	83	11964	0.991	ug/L #	28
37) 1,2-Dichloropropane	6.069	63	5146	0.675	ug/L #	84
39) cis-1,3-Dichloropropene	6.982	75	1071	0.106	ug/L #	68
42) Toluene	7.394	91	10163	0.316	ug/L	99
47) Tetrachloroethene	7.979	164	2909	0.417	ug/L	93
48) 2-Hexanone	8.146	43	13865	4.631	ug/L #	92
49) Dibromochloromethane	7.979	129	2655	0.401	ug/L #	7
52) Ethylbenzene	9.017	91	2713	0.083	ug/L	97
53) m,p-xylene	9.143	106	4221	0.329	ug/L	92
54) o-xylene	9.548	106	2498	0.207	ug/L	91
55) Styrene	9.574	104	1679	0.081	ug/L	92
61) 1,2,3-Trichloropropane	11.252	75	5885	1.561	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.924	105	1482	0.067	ug/L	95
63) 1,2,4-Trimethylbenzene	10.924	105	1482	0.066	ug/L	99
71) Naphthalene	13.519	128	861	0.065	ug/L #	77

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
Data File : VV022667.D
Acq On : 07 Oct 2021 17:05
Operator : SY/MD
Sample : M4050-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 08 04:03:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 08 04:01:59 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
Data File : VV022667.D
Acq On : 07 Oct 2021 17:05
Operator : SY/MD
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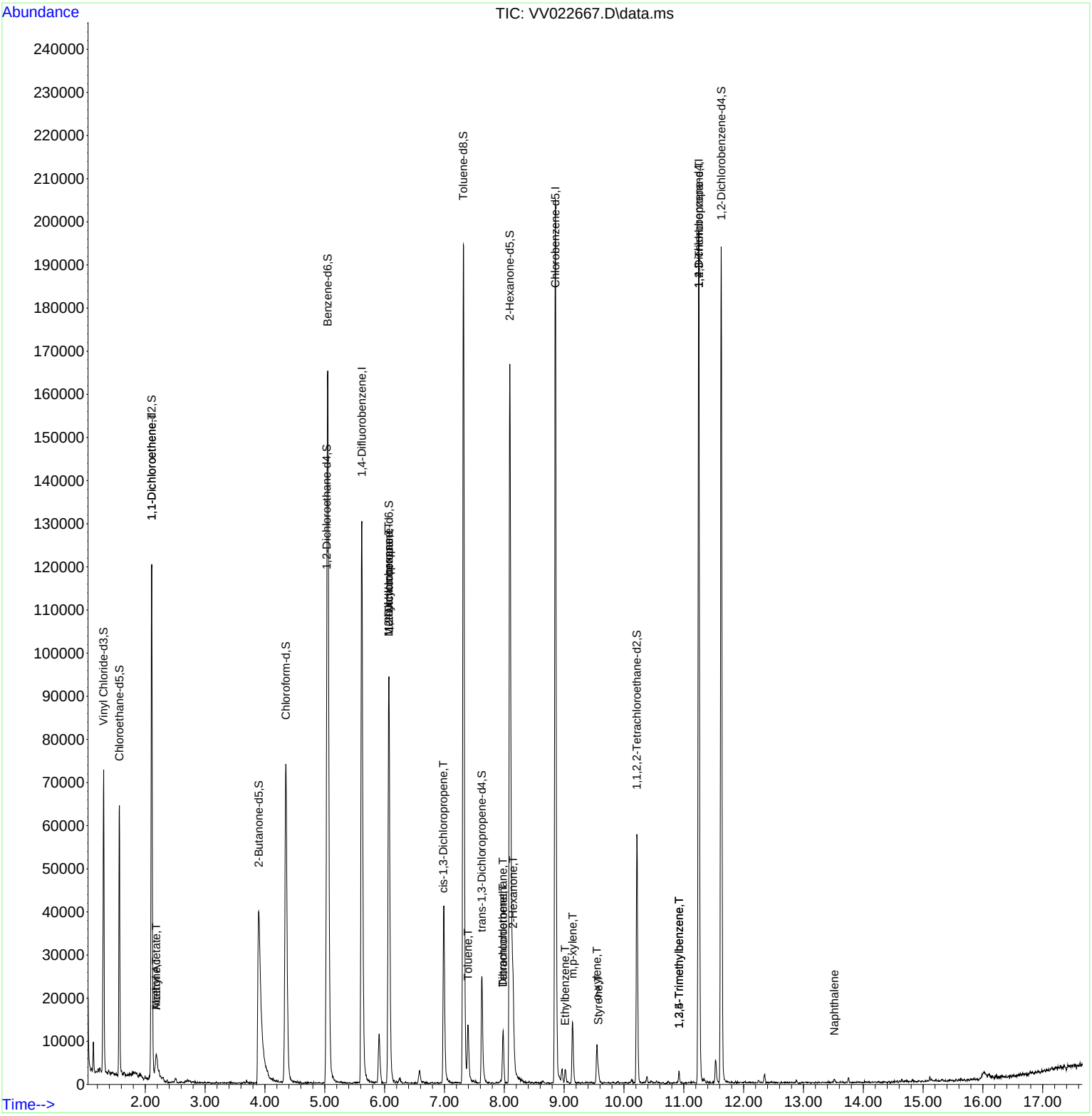
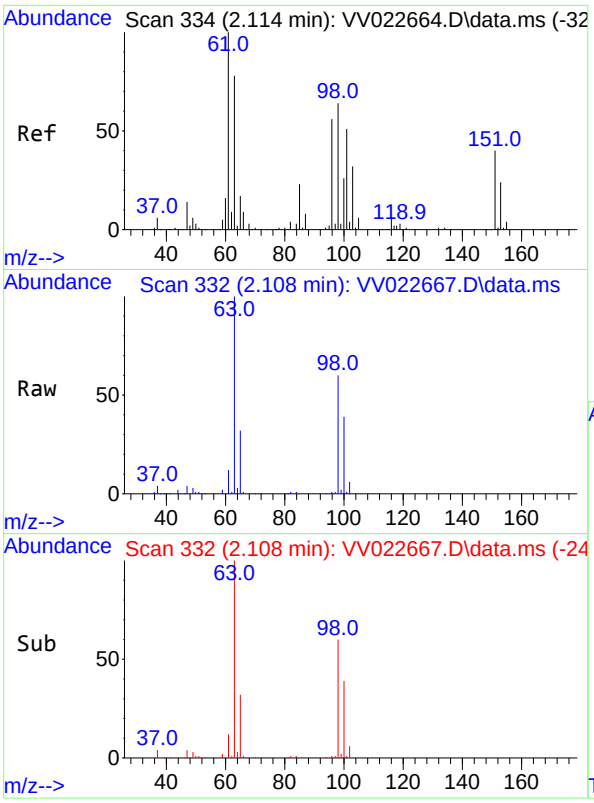
Quant Time: Oct 08 04:03:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 08 04:01:59 2021
Response via : Initial Calibration

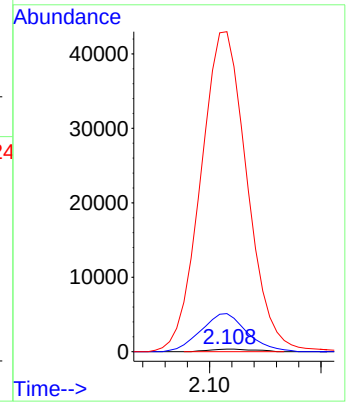




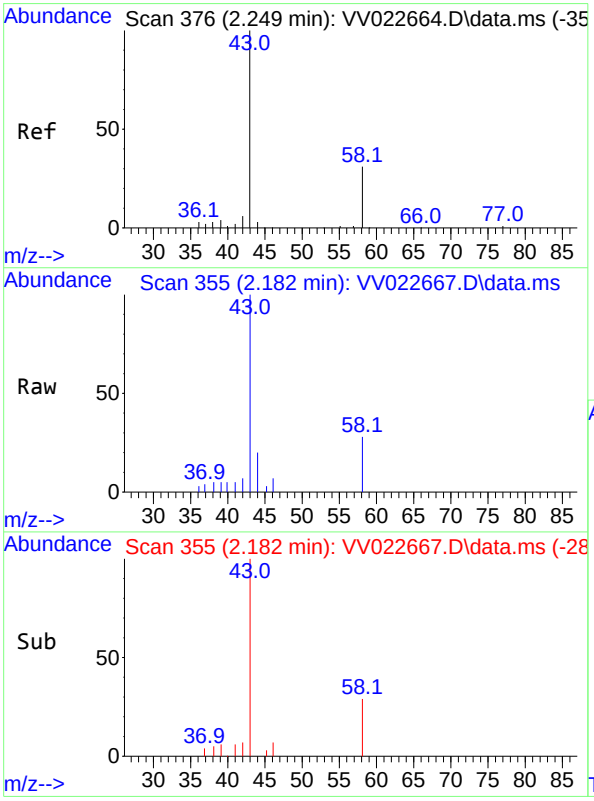
#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 96 Resp: 493

Ion	Ratio	Lower	Upper
96	100		
61	1459.5	127.3	236.5#
63	12248.4	106.2	197.2#



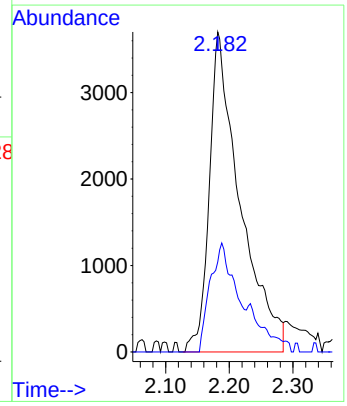
Instrument :
MSVOA_V
ClientSampleId :

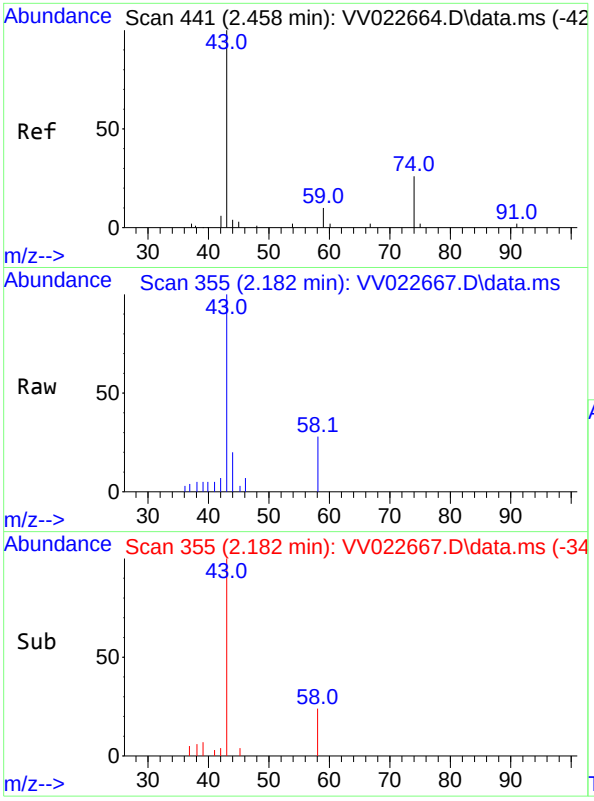


#13
Acetone
Concen: 10.322 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.068 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 43 Resp: 12404

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	24.2#

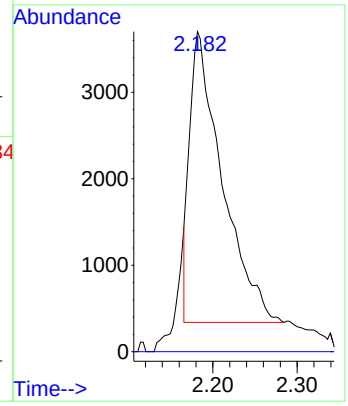




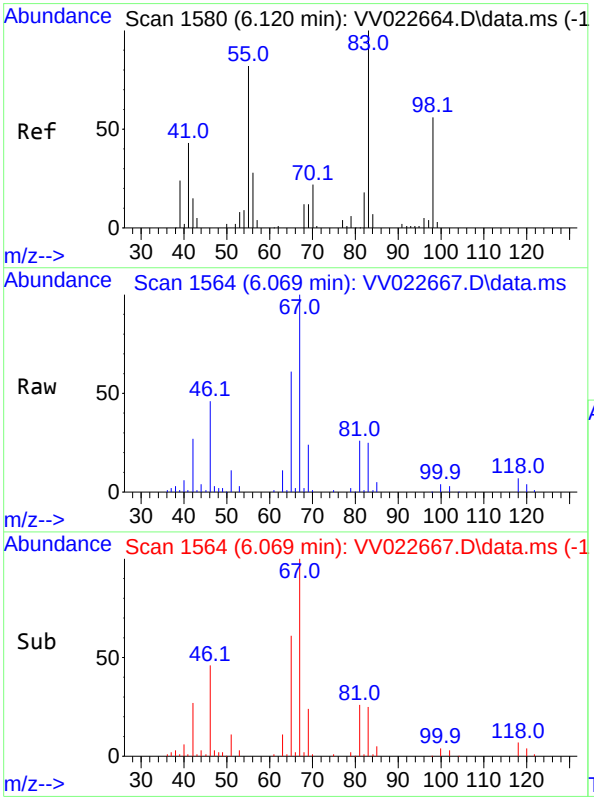
#15
Methyl Acetate
Concen: 2.621 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.277 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 43 Resp: 9014

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.9	29.9#



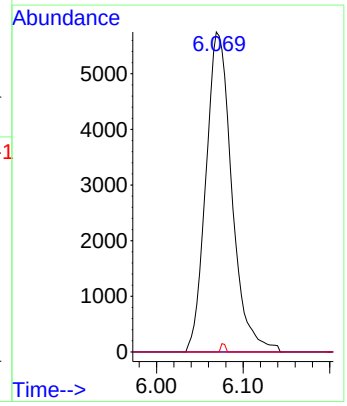
Instrument :
MSVOA_V
ClientSampleId :



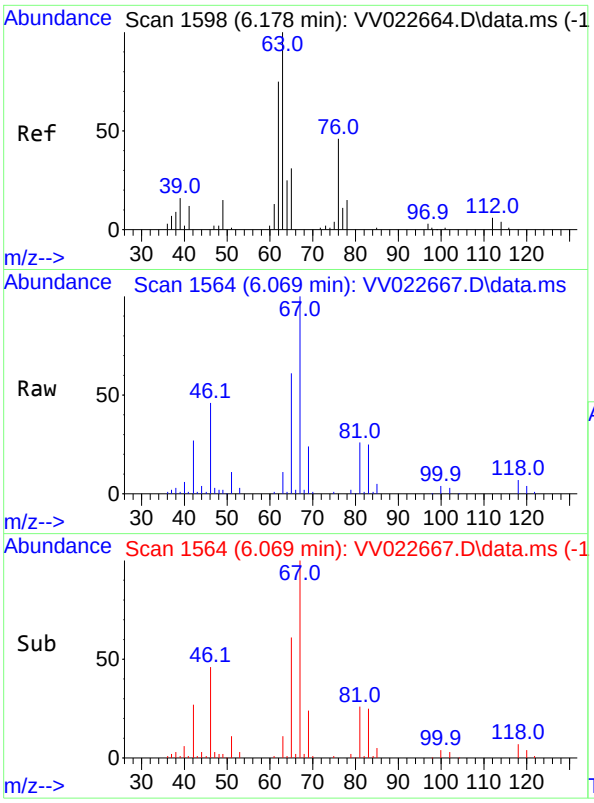
#35
Methylcyclohexane
Concen: 0.991 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.051 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 83 Resp: 11964

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	20.8	42.1	63.1#



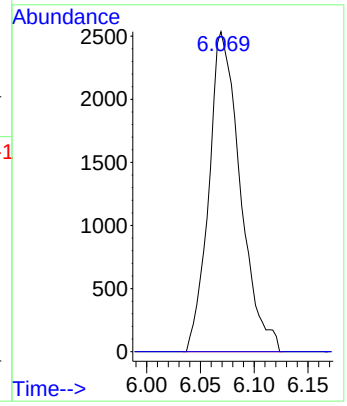
Instrument :
MSVOA_V
ClientSampleId :

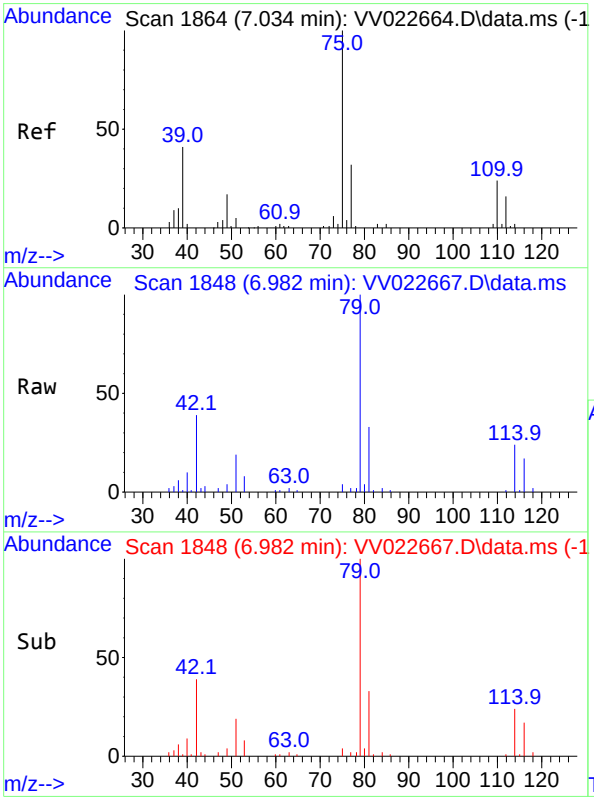


#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 63 Resp: 5146

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

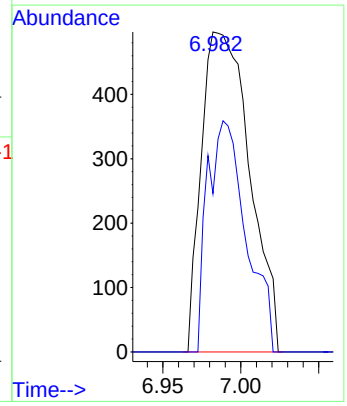


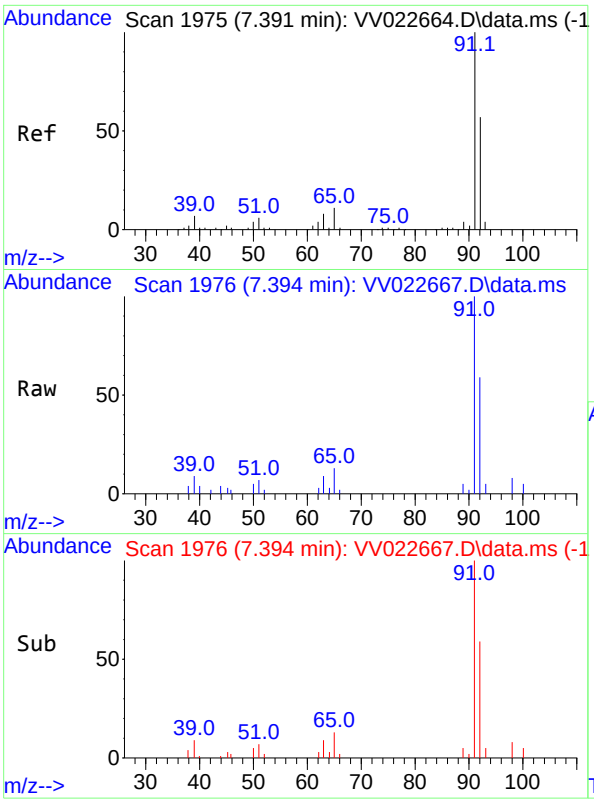


#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.051 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 75 Resp: 1071

Ion	Ratio	Lower	Upper
75	100		
77	49.5	22.3	41.3#

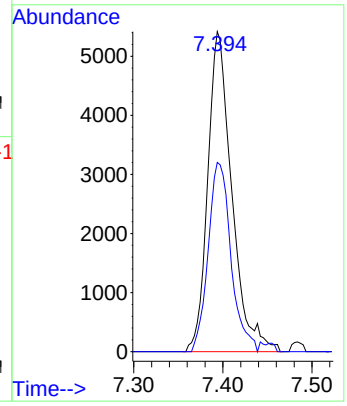




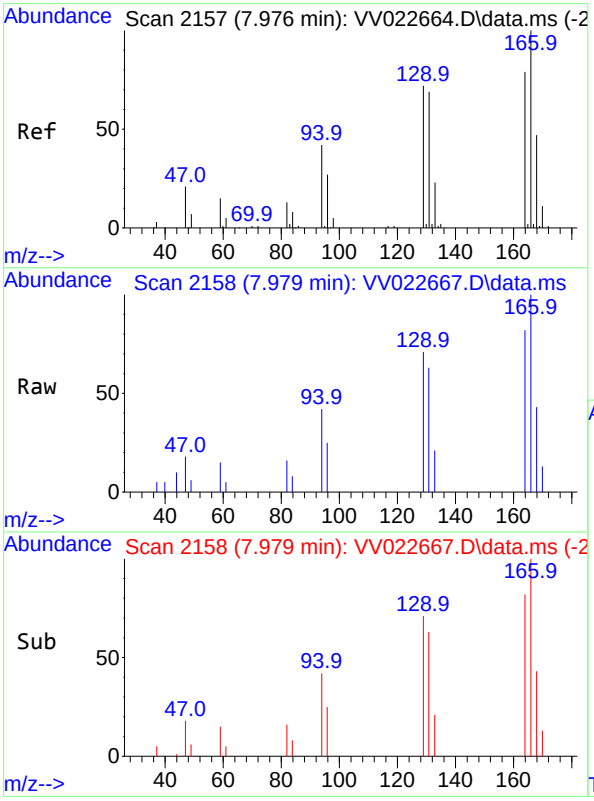
#42
Toluene
Concen: 0.316 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 91 Resp: 10163

Ion	Ratio	Lower	Upper
91	100		
92	59.2	40.7	75.7



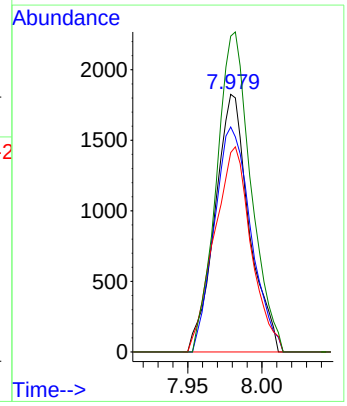
Instrument :
MSVOA_V
ClientSampleId :

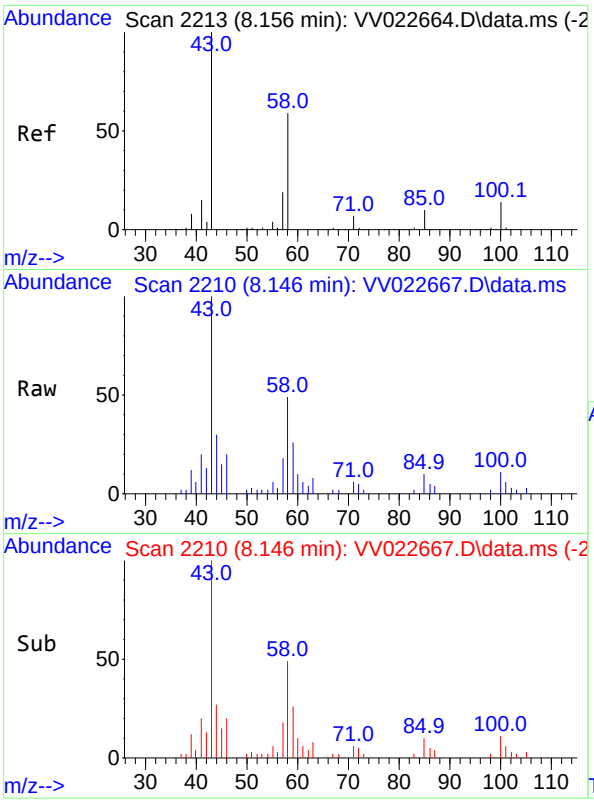


#47
Tetrachloroethene
Concen: 0.417 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:164 Resp: 2909

Ion	Ratio	Lower	Upper
164	100		
129	87.3	65.0	120.6
131	77.4	62.2	115.4
166	122.6	89.2	165.8

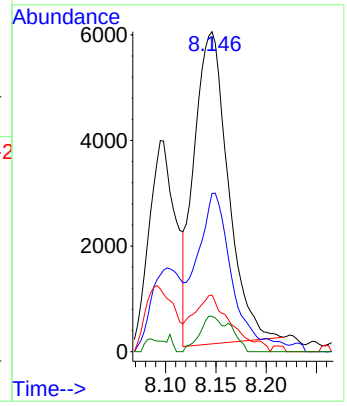




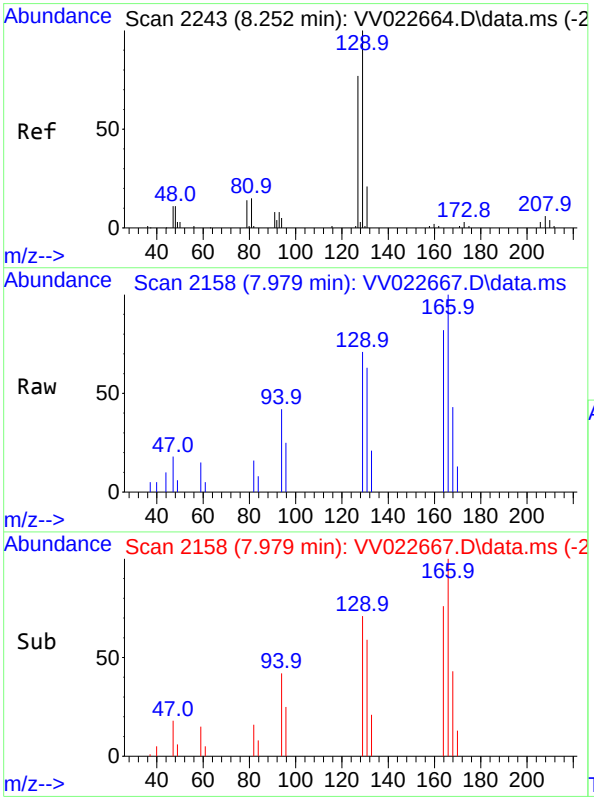
#48
2-Hexanone
Concen: 4.631 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 43 Resp: 13865

Ion	Ratio	Lower	Upper
43	100		
58	52.0	47.4	71.0
57	20.4	15.3	22.9
100	10.4	10.4	15.6#



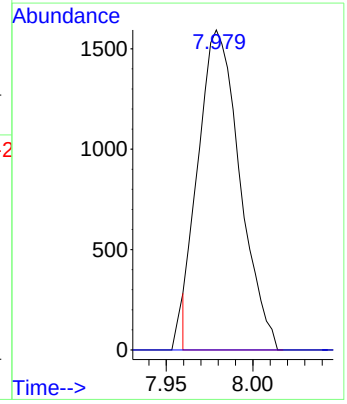
Instrument :
MSVOA_V
ClientSampleId :

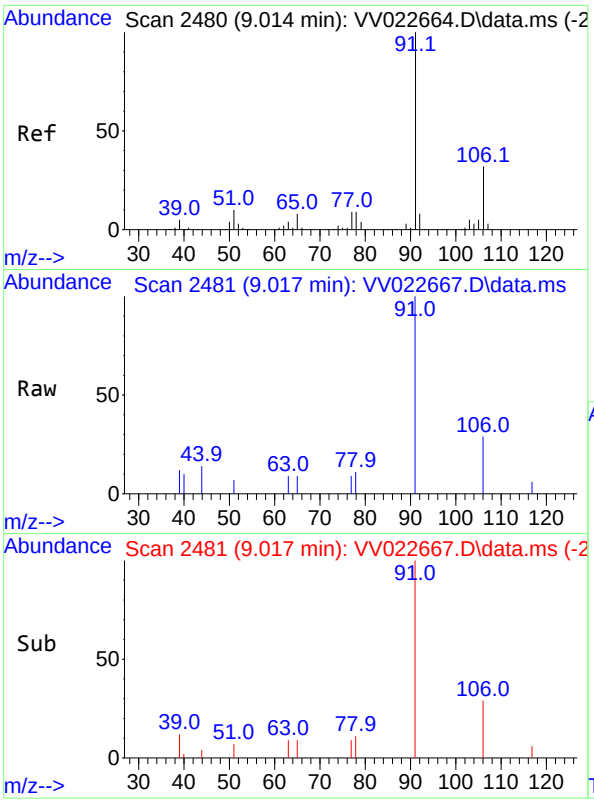


#49
Dibromochloromethane
Concen: 0.401 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.273 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:129 Resp: 2655

Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#

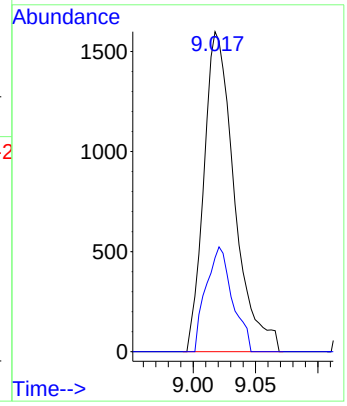




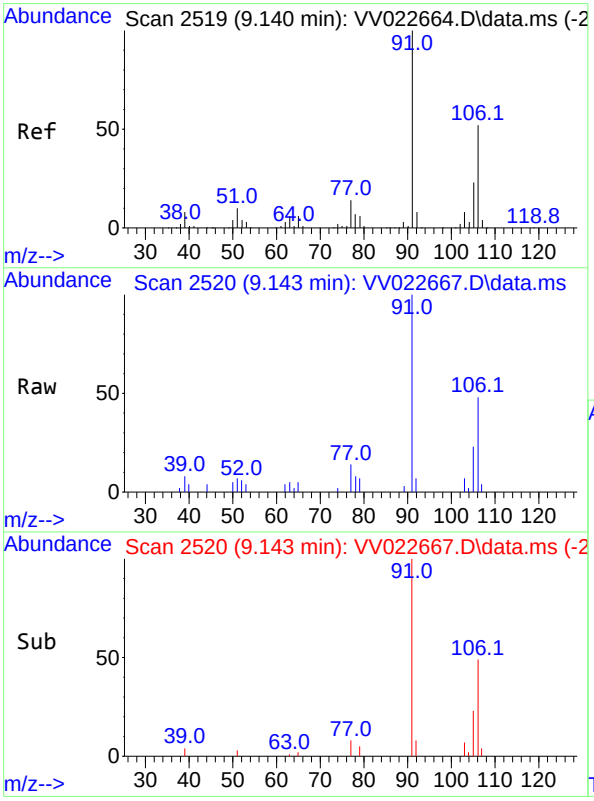
#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 91 Resp: 2713

Ion	Ratio	Lower	Upper
91	100		
106	29.3	21.6	40.2



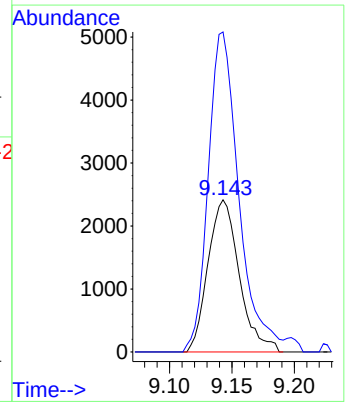
Instrument :
MSVOA_V
ClientSampleId :

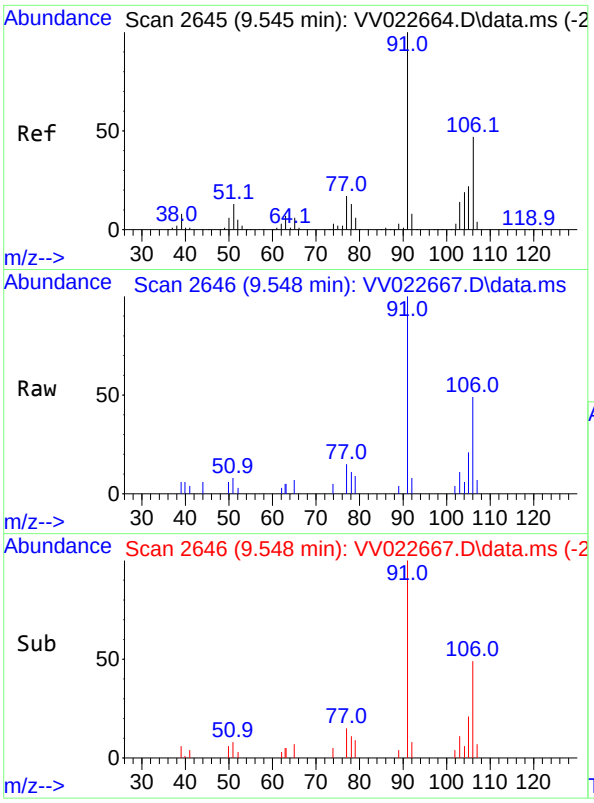


#53
m,p-xylene
Concen: 0.329 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:106 Resp: 4221

Ion	Ratio	Lower	Upper
106	100		
91	210.3	138.7	257.5

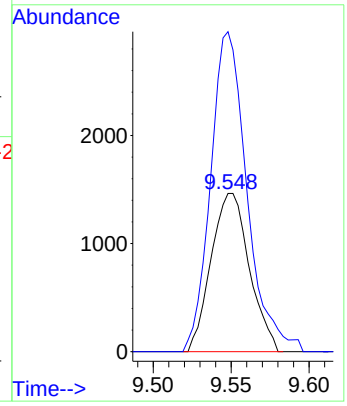




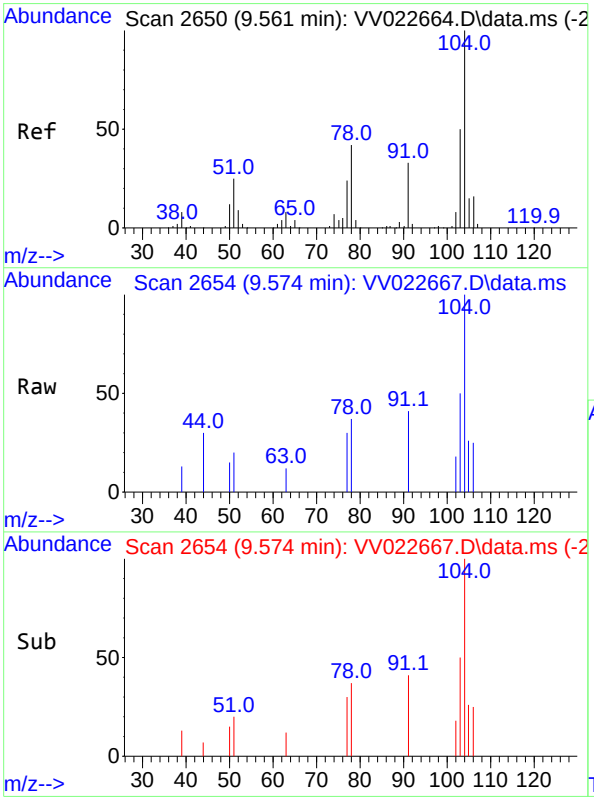
#54
o-xylene
Concen: 0.207 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:106 Resp: 2498

Ion	Ratio	Lower	Upper
106	100		
91	202.3	151.1	280.7



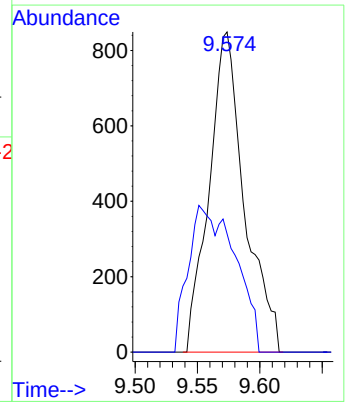
Instrument :
MSVOA_V
ClientSampleId :



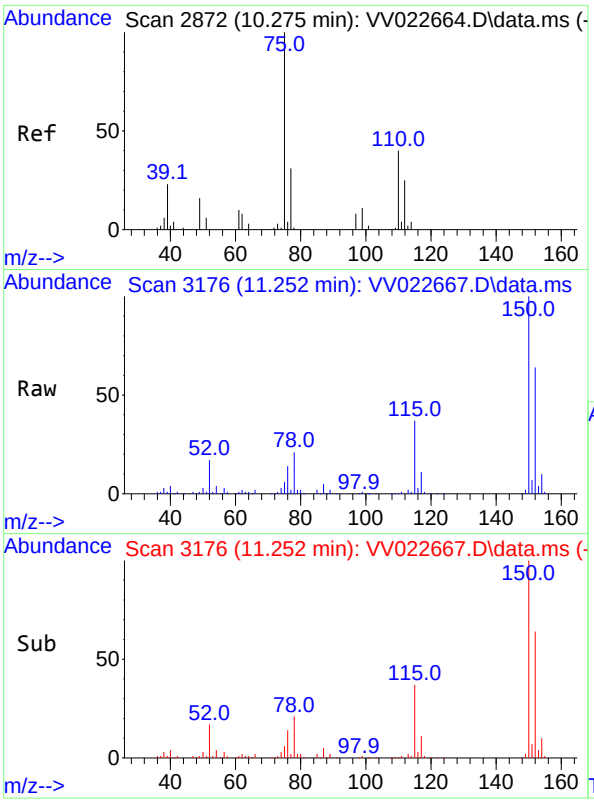
#55
Styrene
Concen: 0.081 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.013 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:104 Resp: 1679

Ion	Ratio	Lower	Upper
104	100		
78	37.0	29.5	54.7



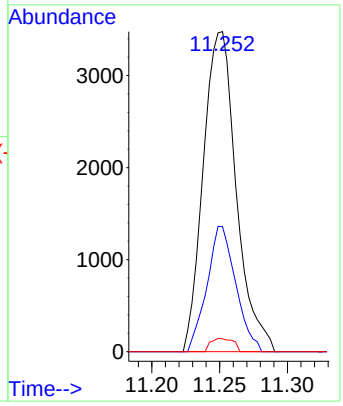
Instrument :
MSVOA_V
ClientSampleId :

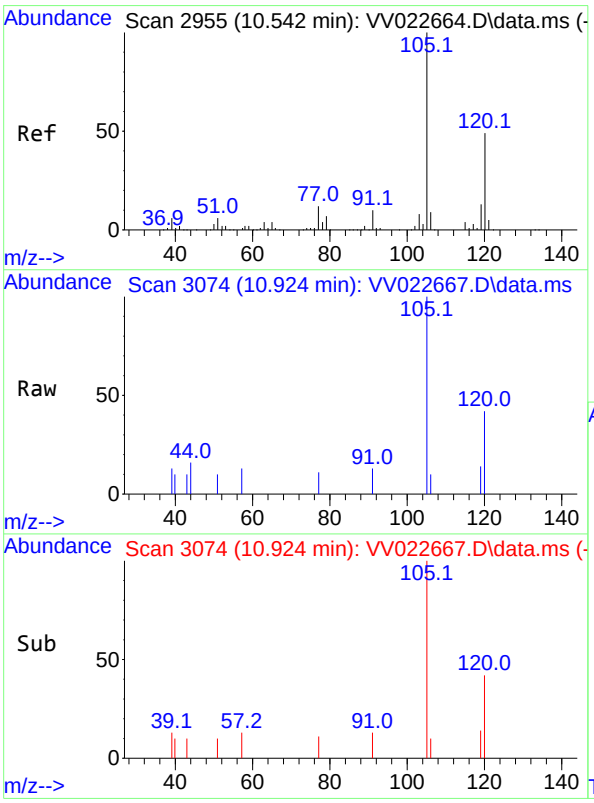


#61
1,2,3-Trichloropropane
Concen: 1.561 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion: 75 Resp: 5885

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.4	38.2
110	2.9	34.2	51.4#

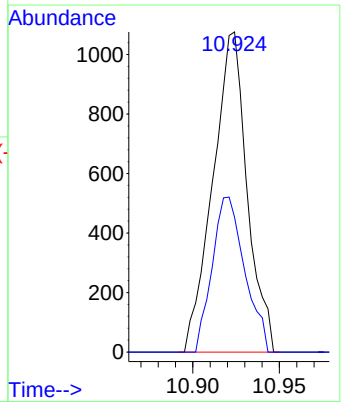




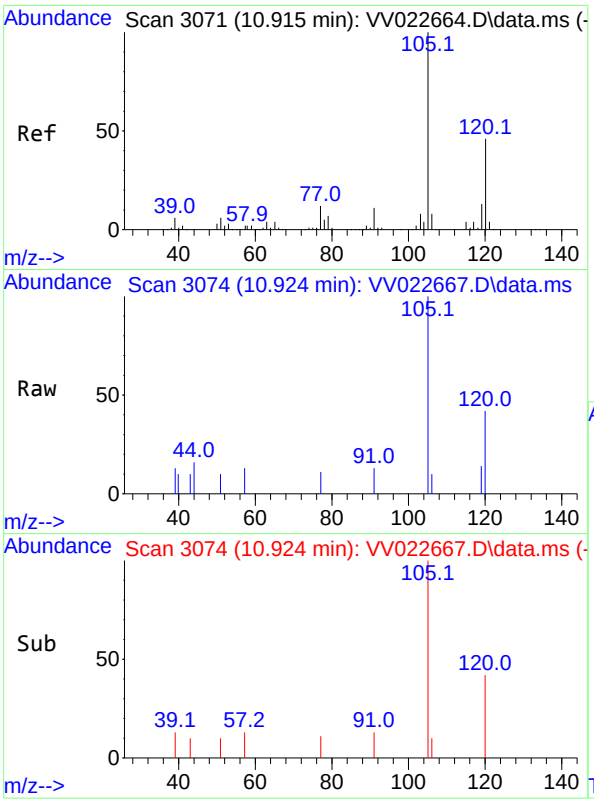
#62
1,3,5-Trimethylbenzene
Concen: 0.067 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.383 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:105 Resp: 1482

Ion	Ratio	Lower	Upper
105	100		
120	45.9	39.4	59.2



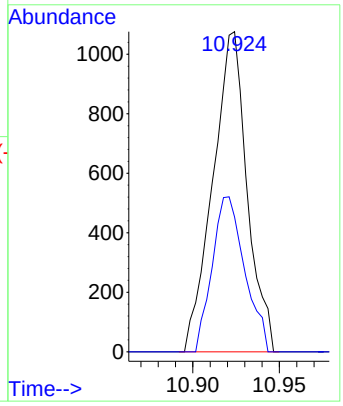
Instrument :
MSVOA_V
ClientSampleId :

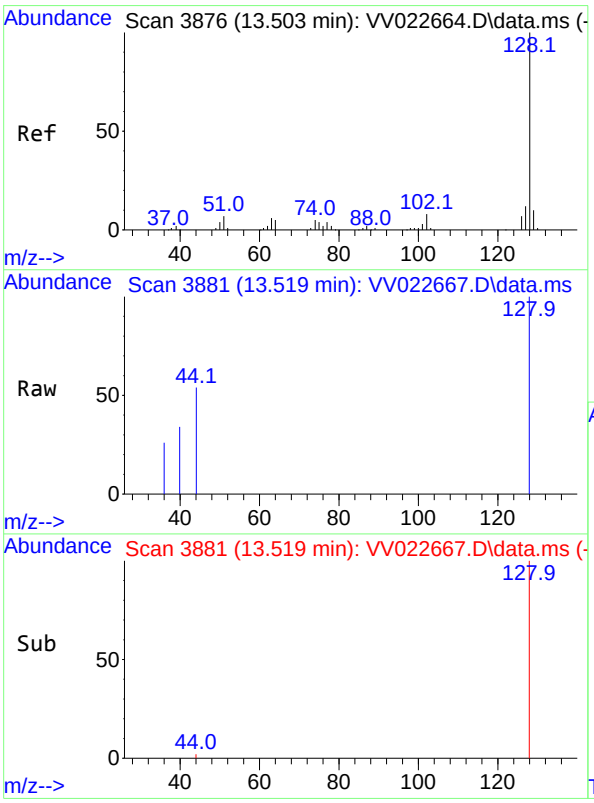


#63
1,2,4-Trimethylbenzene
Concen: 0.066 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.010 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:105 Resp: 1482

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.3	55.9





#71
Naphthalene
Concen: 0.065 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.016 min
Lab File: VV022667.D
Acq: 07 Oct 2021 17:05

Tgt Ion:128 Resp: 861

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	7.0	10.8	16.2#