Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022875.D
Acq On : 18 Oct 2021 18:39
Operator : SY/MD
Sample : M4200-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 19 01:45:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 01:43:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35420	4.723	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.400%			
7) Chloroethane-d5	1.568	69	28695	4.258	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	2.108	63	45471	3.091	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.800%			
20) 2-Butanone-d5	3.889	46	90275	45.911	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.820%			
24) Chloroform-d	4.352	84	79328	5.133	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
26) 1,2-Dichloroethane-d4	5.034	65	39348	5.246	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.000%			
32) Benzene-d6	5.053	84	152252	4.116	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.400%			
36) 1,2-Dichloropropane-d6	6.072	67	47601	4.345	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.800%			
41) Toluene-d8	7.317	98	133596	4.177	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	7.625	79	15517	4.270	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.400%			
46) 2-Hexanone-d5	8.092	63	75297	51.411	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.820%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41039	5.530	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	60633	5.420	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	4699	0.570	ug/L	92
8) Chloroethane	1.311	64	1894	0.371	ug/L	93
12) 1,1-Dichloroethene	2.111	96	551	0.084	ug/L #	1
13) Acetone	2.182	43	1386	1.264	ug/L	88
17) Methyl tert-butyl Ether	2.770	73	11627	0.730	ug/L	98
19) 1,1-Dichloroethane	3.195	63	16963	1.315	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	39815	5.296	ug/L	95
25) Chloroform	4.378	83	7711	0.516	ug/L	97
34) Trichloroethene	5.921	95	7107	0.781	ug/L	89
35) Methylcyclohexane	6.072	83	12146	0.953	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5513	0.685	ug/L #	84
42) Toluene	7.400	91	4691	0.138	ug/L	100
47) Tetrachloroethene	7.979	164	27643	3.755	ug/L	99
48) 2-Hexanone	8.092	43	8698	2.750	ug/L #	67
49) Dibromochloromethane	7.979	129	24668	3.528	ug/L #	7
53) m,p-xylene	9.149	106	1096	0.081	ug/L	64
61) 1,2,3-Trichloropropane	11.249	75	6545	1.561	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.262	75	66	0.087	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022875.D
Acq On : 18 Oct 2021 18:39
Operator : SY/MD
Sample : M4200-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 01:45:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 01:43:03 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\VV101821\
Data File : VV022875.D
Acq On : 18 Oct 2021 18:39
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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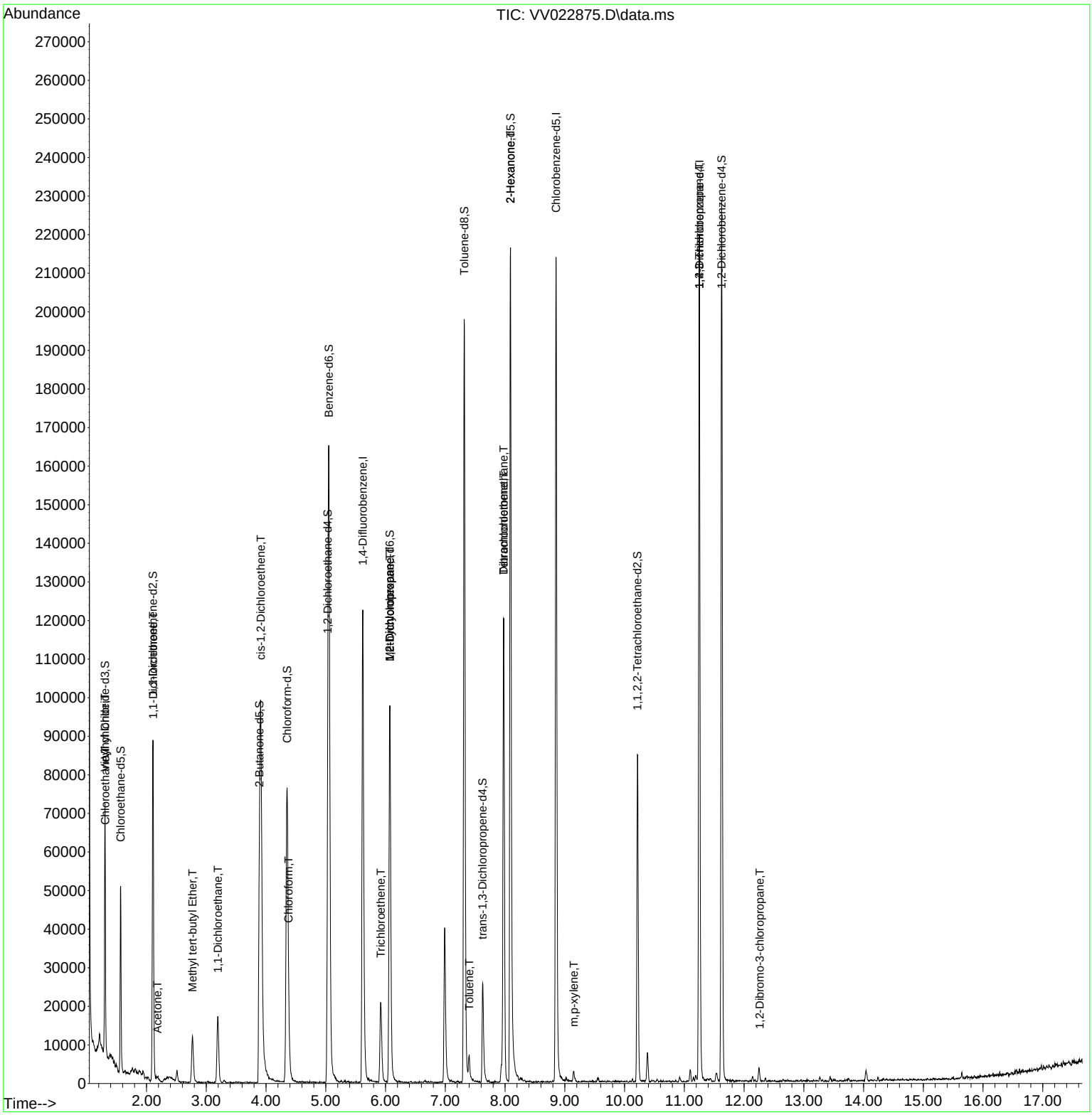
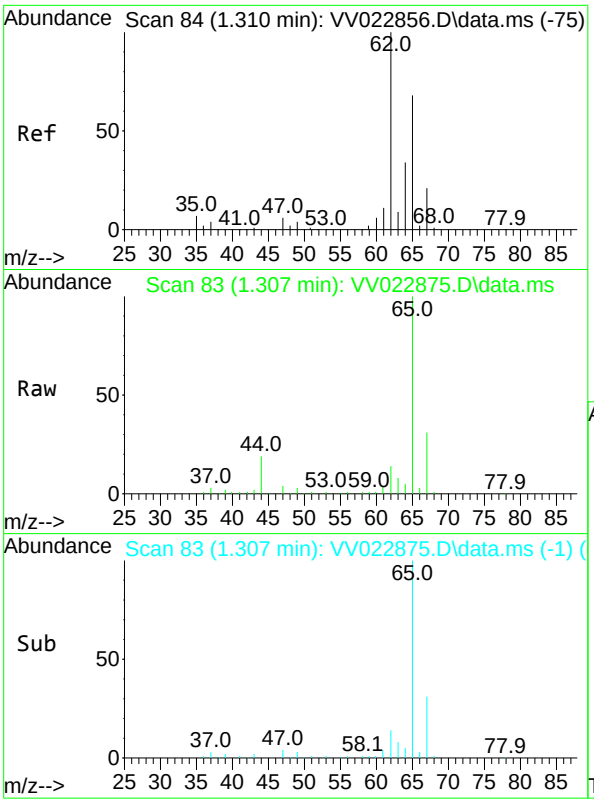
MSVOA_V
ClientSampleId :

Quant Time: Oct 19 01:45:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 01:43:03 2021
Response via : Initial Calibration

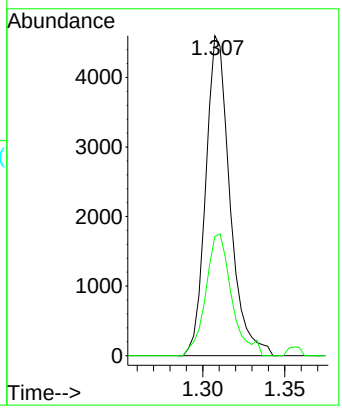




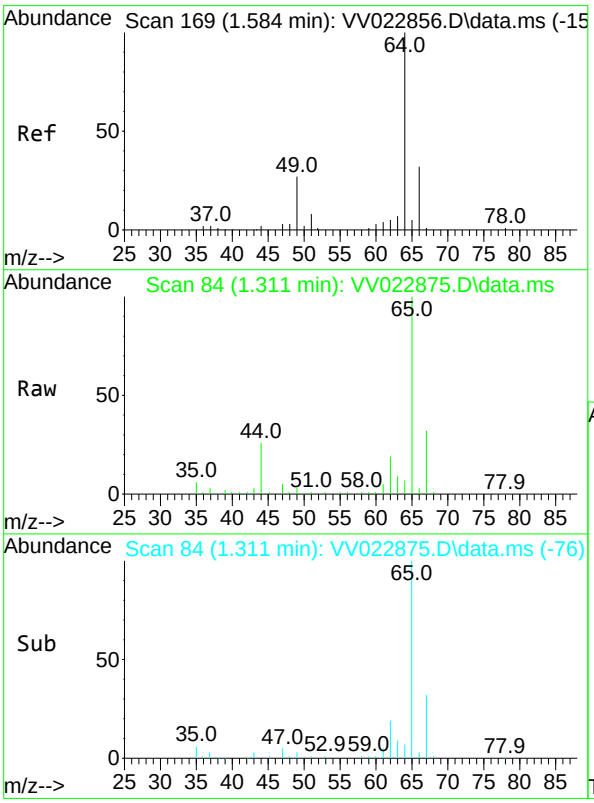
#5
Vinyl chloride
Concen: 0.570 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 62 Resp: 4699

Ion	Ratio	Lower	Upper
62	100		
64	37.3	23.0	42.8



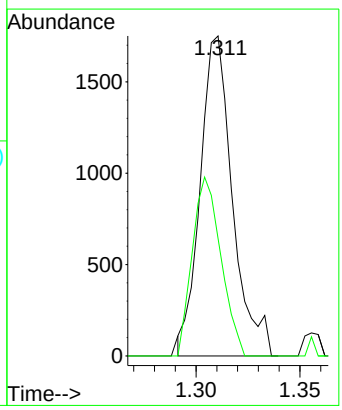
Instrument :
MSVOA_V
ClientSampleId :

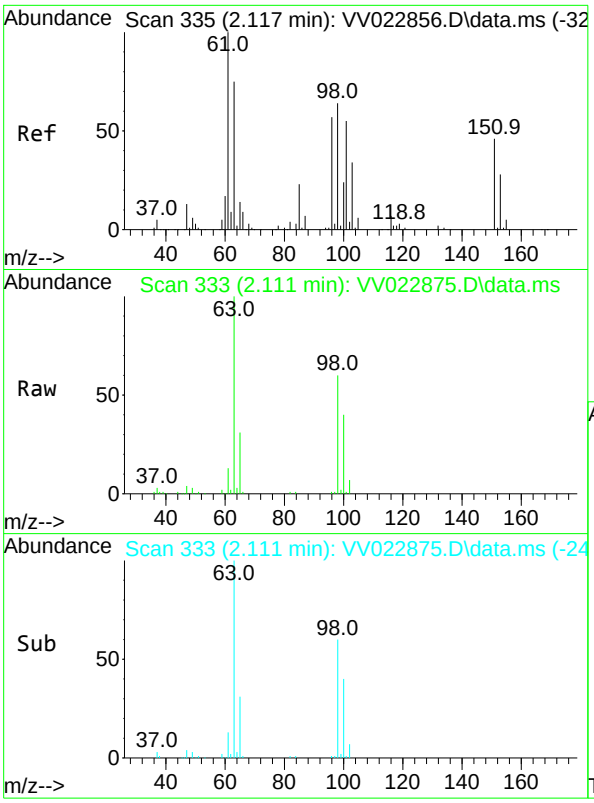


#8
Chloroethane
Concen: 0.371 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 64 Resp: 1894

Ion	Ratio	Lower	Upper
64	100		
66	36.7	22.9	42.5

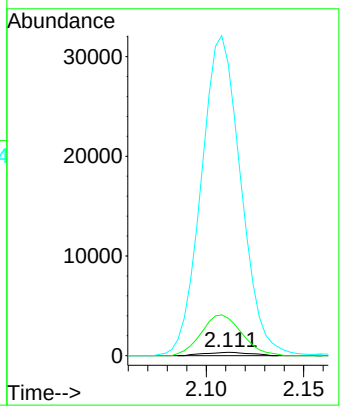




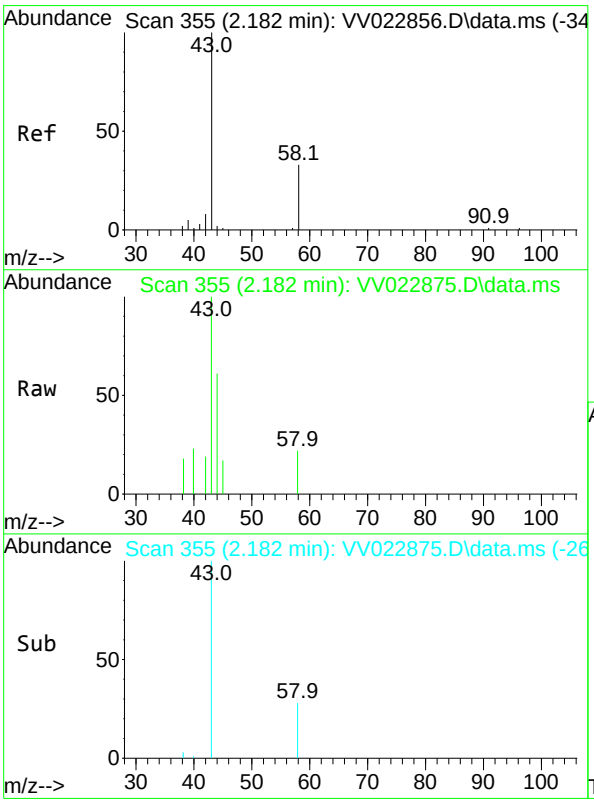
#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 96 Resp: 551

Ion	Ratio	Lower	Upper
96	100		
61	1098.8	127.3	236.5#
63	8532.6	106.2	197.2#



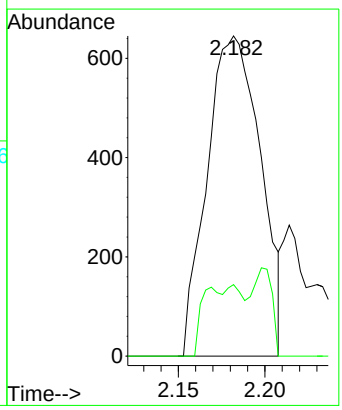
Instrument :
MSVOA_V
ClientSampleId :



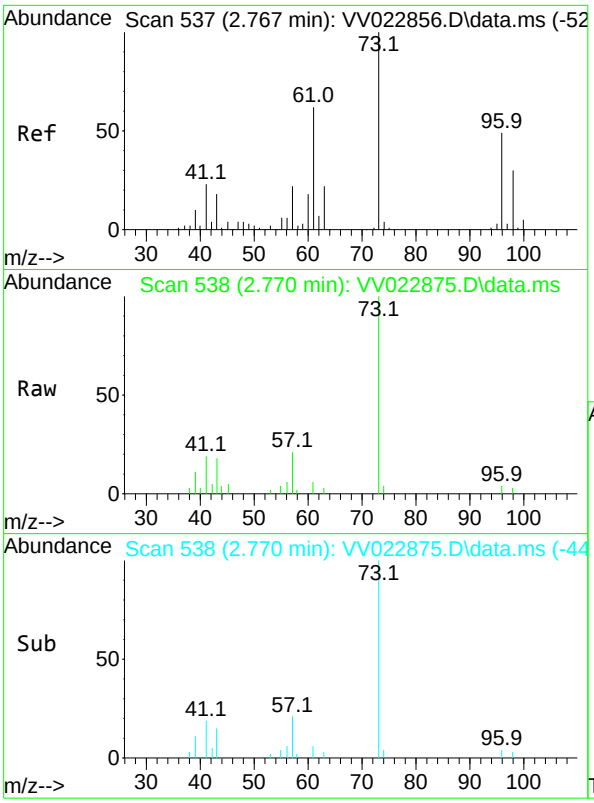
#13
Acetone
Concen: 1.264 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 43 Resp: 1386

Ion	Ratio	Lower	Upper
43	100		
58	7.3	0.0	24.2



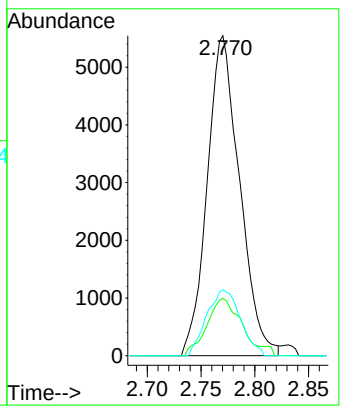
Instrument :
MSVOA_V
ClientSampleId :

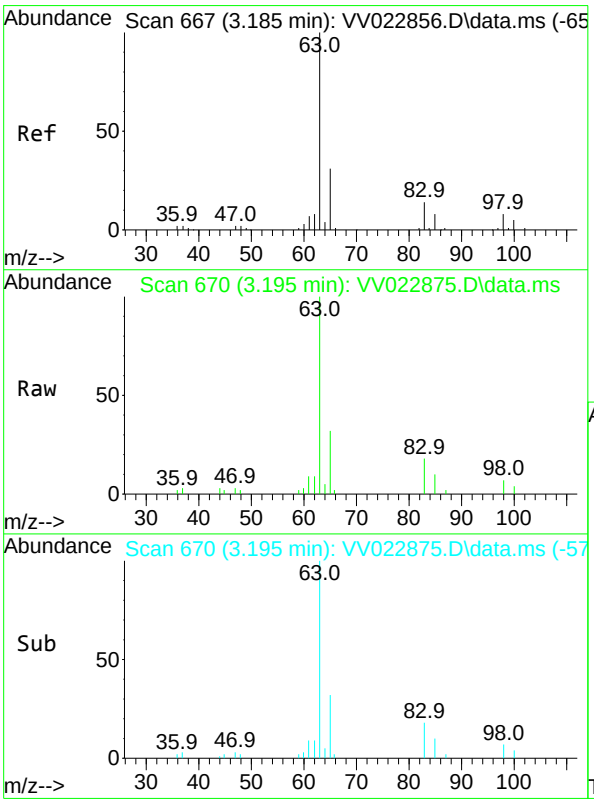


#17
Methyl tert-butyl Ether
Concen: 0.730 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 73 Resp: 11627

Ion	Ratio	Lower	Upper
73	100		
43	19.5	17.1	25.7
57	21.5	17.2	25.8

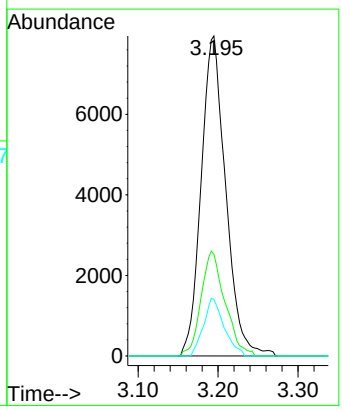


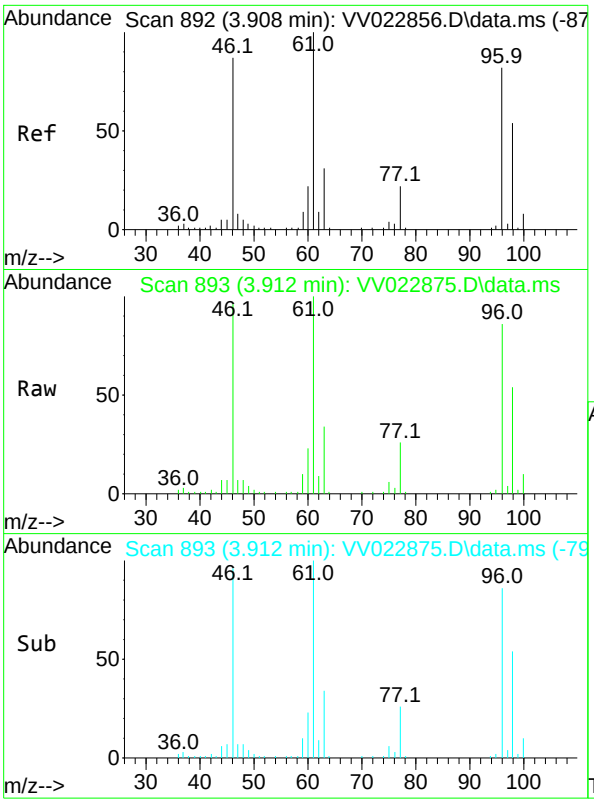


#19
1,1-Dichloroethane
Concen: 1.315 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 63 Resp: 16963

Ion	Ratio	Lower	Upper
63	100		
65	33.4	23.5	43.7
83	17.7	10.1	18.7

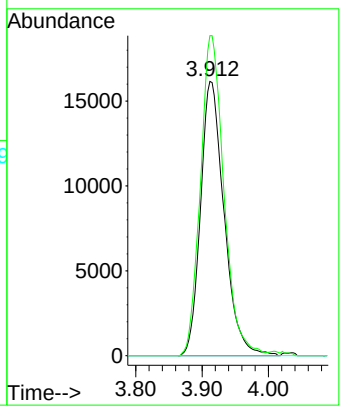




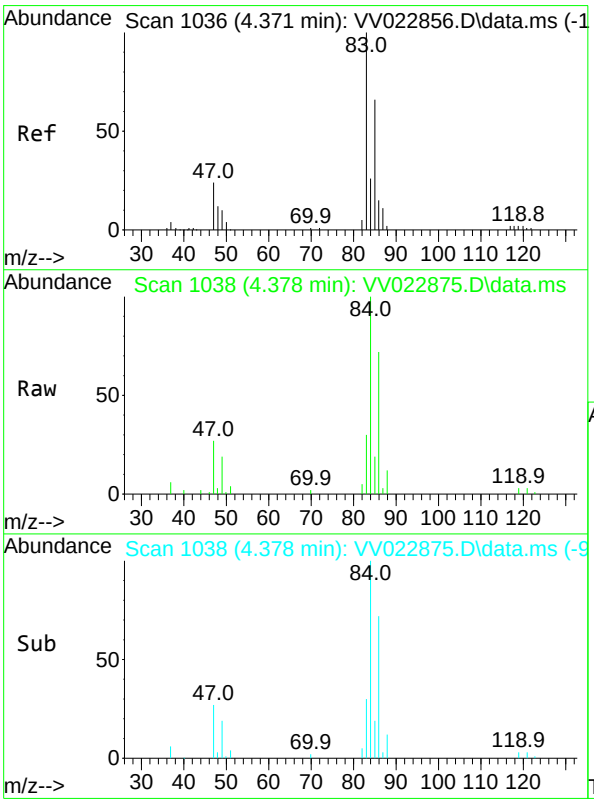
#22
cis-1,2-Dichloroethene
Concen: 5.296 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 96 Resp: 39815

Ion	Ratio	Lower	Upper
96	100		
61	116.7	86.0	159.6
68	0.0	0.0	0.0



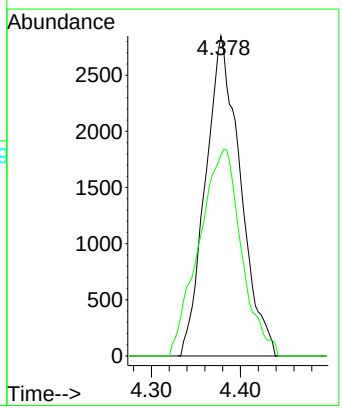
Instrument :
MSVOA_V
ClientSampleId :



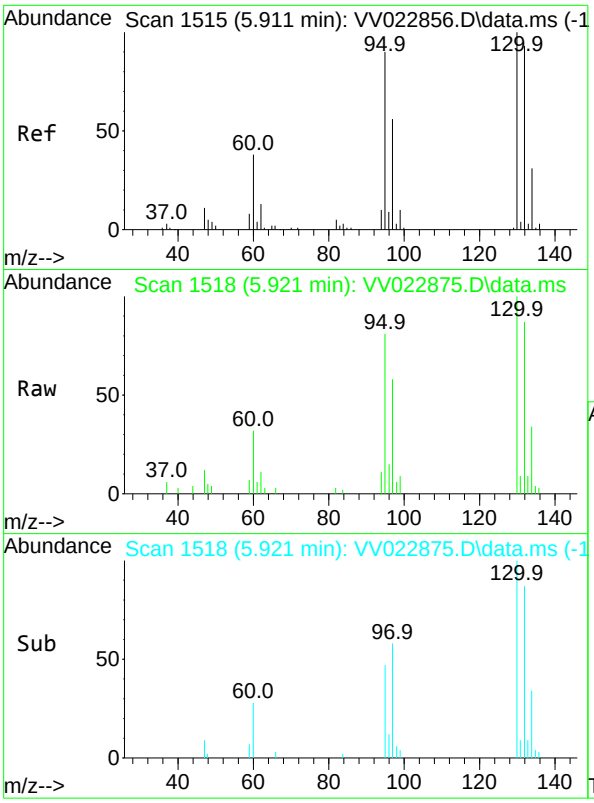
#25
Chloroform
Concen: 0.516 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 83 Resp: 7711

Ion	Ratio	Lower	Upper
83	100		
85	62.8	45.7	84.9



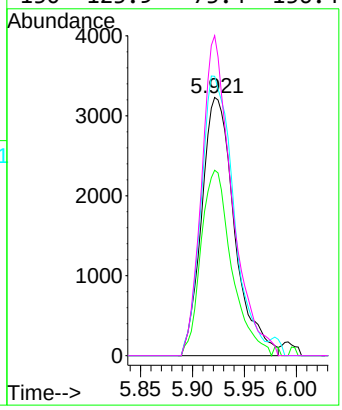
Instrument :
MSVOA_V
ClientSampleId :

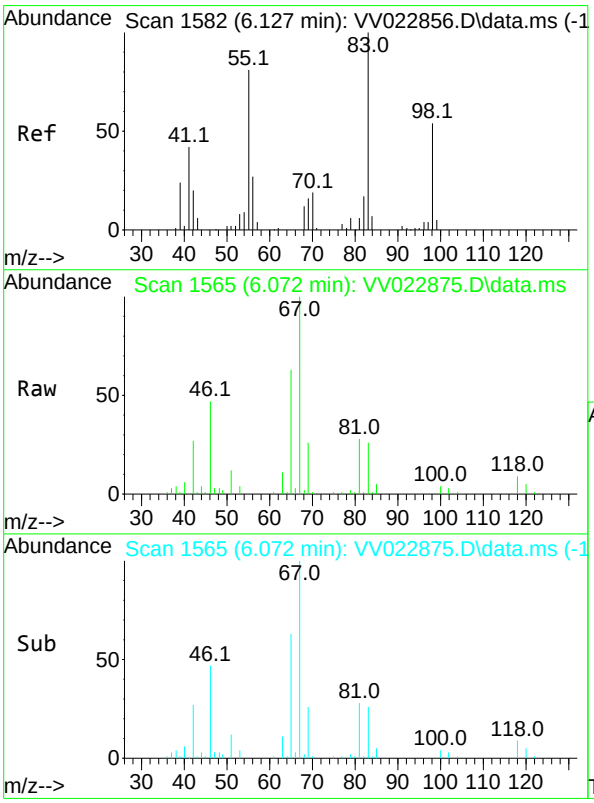


#34
Trichloroethene
Concen: 0.781 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 95 Resp: 7107

Ion	Ratio	Lower	Upper
95	100		
97	71.8	45.8	85.2
132	108.2	72.2	134.0
130	123.9	73.4	136.4

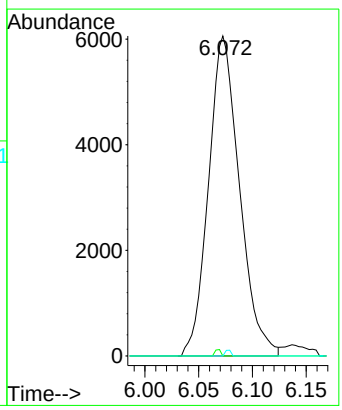




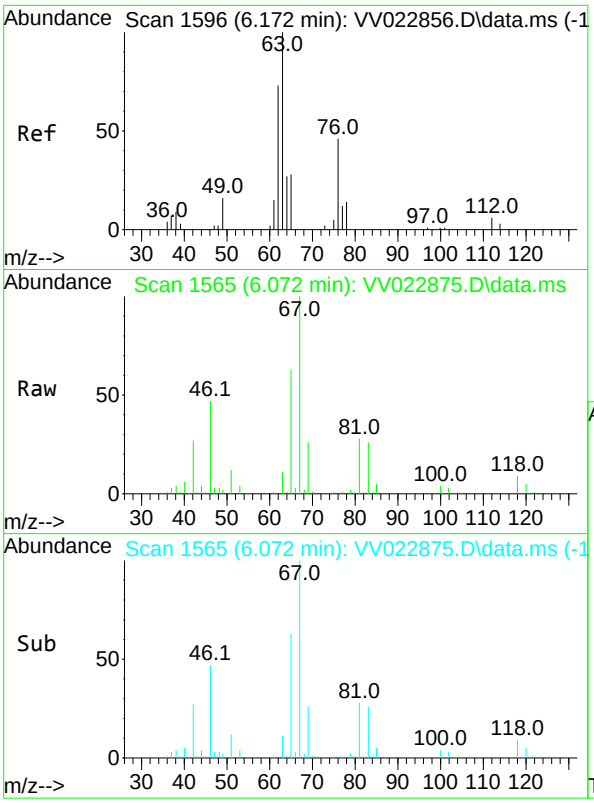
#35
Methylcyclohexane
Concen: 0.953 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.054 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 83 Resp: 12146

Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.8	95.6#
98	0.3	42.1	63.1#



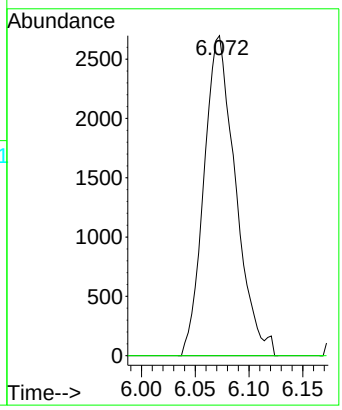
Instrument :
MSVOA_V
ClientSampleId :

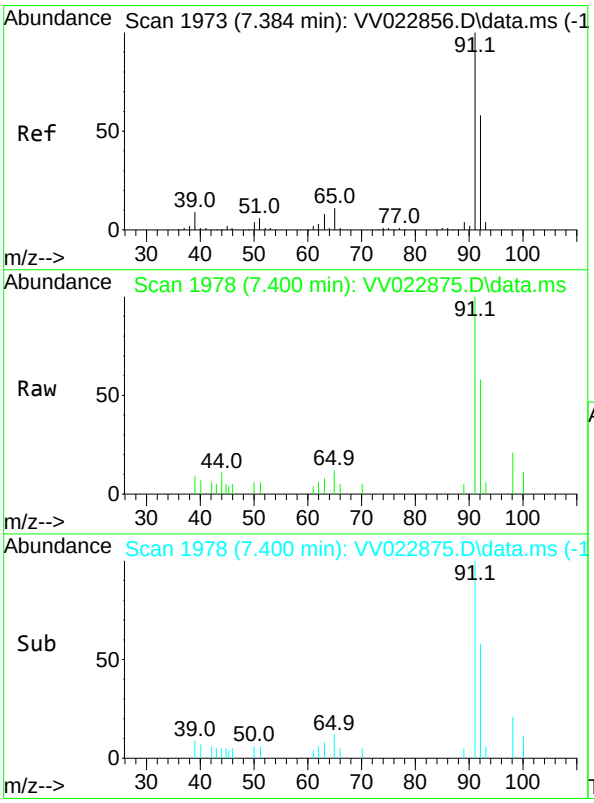


#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.099 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 63 Resp: 5513

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

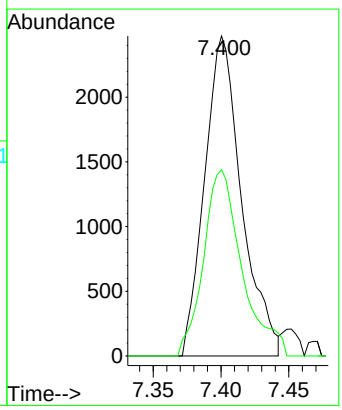


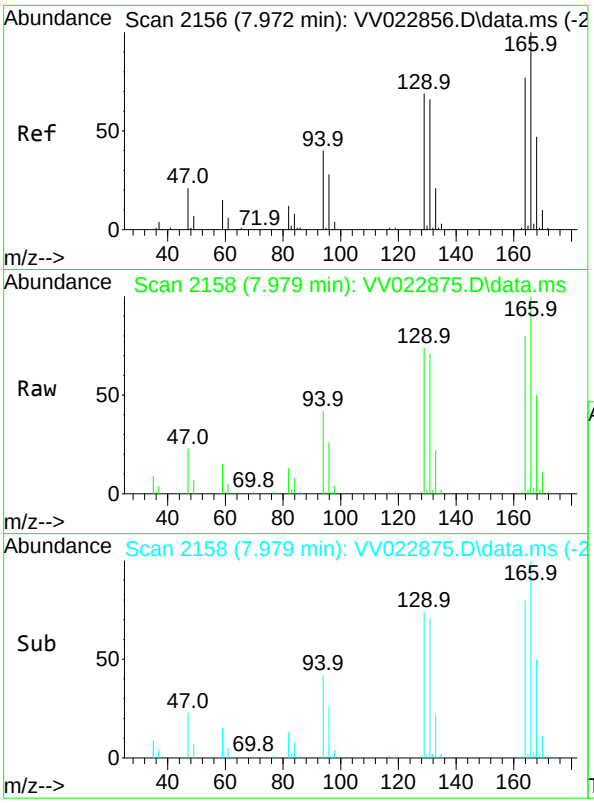


#42
Toluene
Concen: 0.138 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 91 Resp: 4691

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.7	75.7

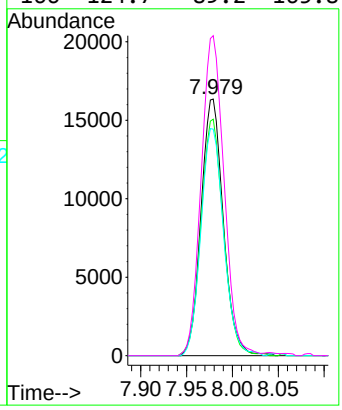




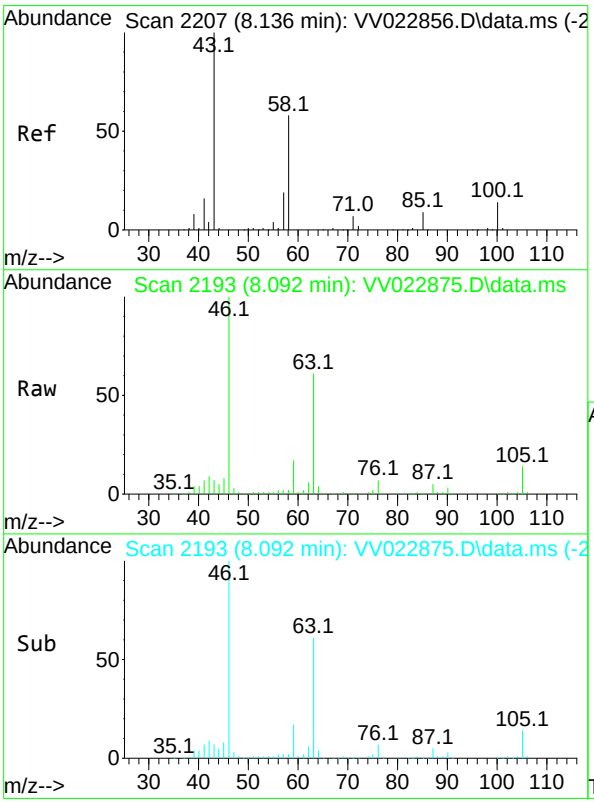
#47
Tetrachloroethene
Concen: 3.755 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion:164 Resp: 27643

Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.0	120.6
131	88.3	62.2	115.4
166	124.7	89.2	165.8



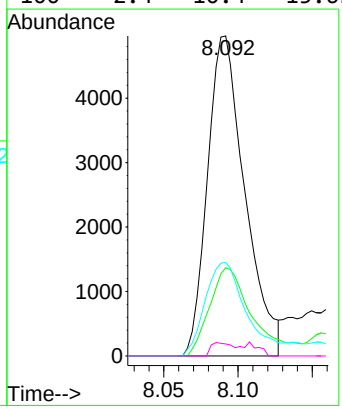
Instrument :
MSVOA_V
ClientSampleId :



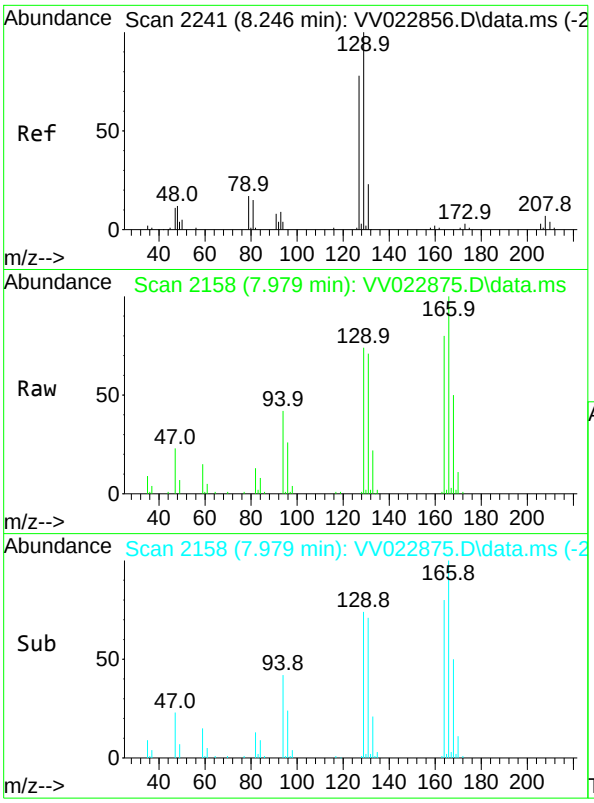
#48
2-Hexanone
Concen: 2.750 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 43 Resp: 8698

Ion	Ratio	Lower	Upper
43	100		
58	31.9	47.4	71.0#
57	32.1	15.3	22.9#
100	2.4	10.4	15.6#



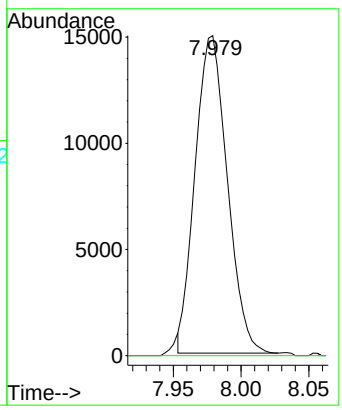
Instrument :
MSVOA_V
ClientSampleId :

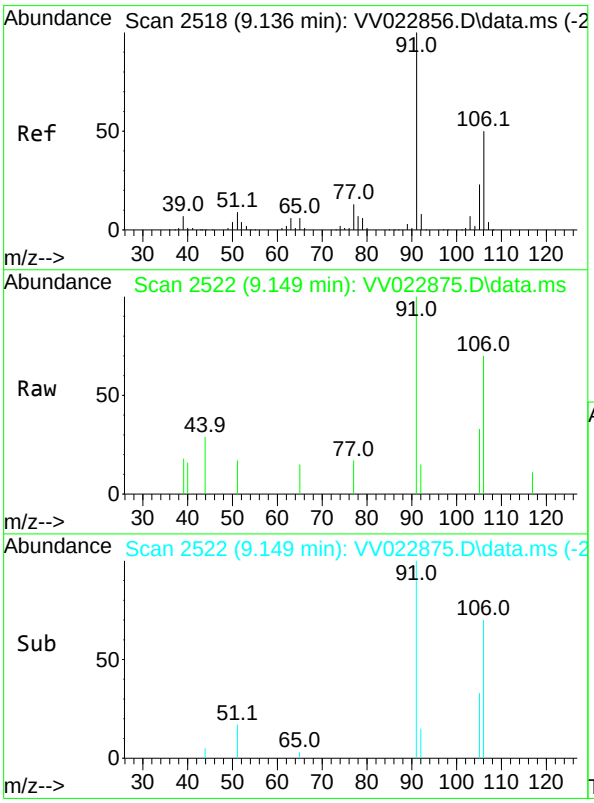


#49
Dibromochloromethane
Concen: 3.528 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion:129 Resp: 24668

Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#

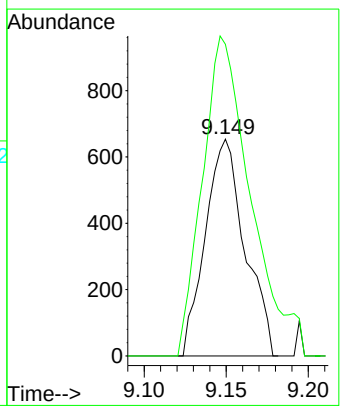




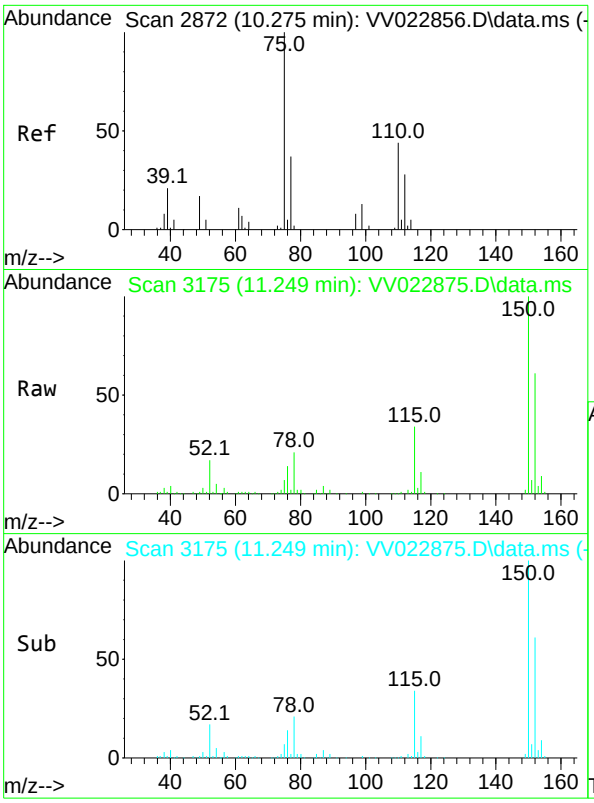
#53
m,p-xylene
Concen: 0.081 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.013 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion:106 Resp: 1096

Ion	Ratio	Lower	Upper
106	100		
91	143.7	138.7	257.5



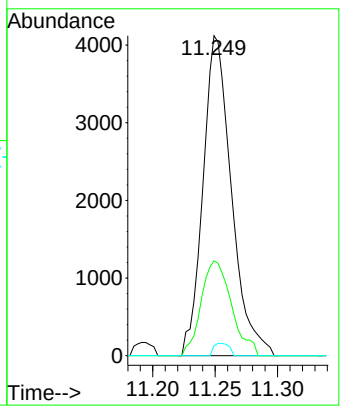
Instrument :
MSVOA_V
ClientSampleId :

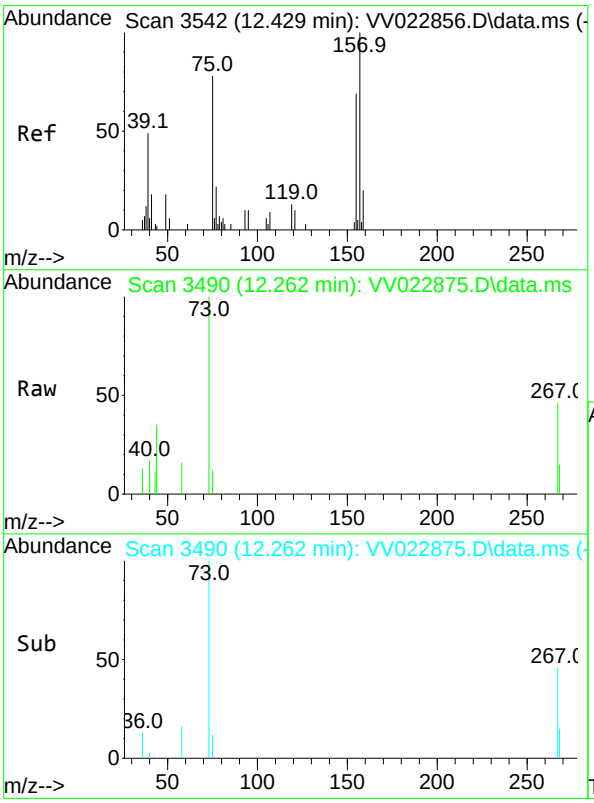


#61
1,2,3-Trichloropropane
Concen: 1.561 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 75 Resp: 6545

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2
110	2.1	34.2	51.4#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.087 ug/L
RT: 12.262 min Scan# 3490
Delta R.T. -0.167 min
Lab File: VV022875.D
Acq: 18 Oct 2021 18:39

Tgt Ion: 75 Resp: 66

Ion	Ratio	Lower	Upper
75	100		
155	0.0	82.4	123.6#
157	0.0	114.1	171.1#