Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR111918\

Quantitation Report (Not Reviewed)

Data File : VR026224.D
Acq On : 19 Nov 2018 16:44
Operator : SY/MD
Sample : J5997-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : E3YA2

Quant Time: Nov 20 04:18:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 04:16:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	696867	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	562376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	181050	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	161616	3.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.80%			
7) Chloroethane-d5	2.63	69	165113	3.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.80%			
11) 1,1-Dichloroethene-d2	3.61	63	387460	2.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.20%#			
20) 2-Butanone-d5	6.59	46	198013	44.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.58%			
24) Chloroform-d	7.20	84	363463	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.60%			
26) 1,2-Dichloroethane-d4	7.90	65	144880	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
32) Benzene-d6	7.86	84	706229	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	8.90	67	197866	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	9.97	98	640564	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	10.24	79	44743	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	10.59	63	141688	45.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.70%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71185	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.80%			
64) 1,2-Dichlorobenzene-d4	13.52	152	126475	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	42651	0.965	ug/L	99
3) Chloromethane	2.03	50	9898	0.131	ug/L	86
12) 1,1-Dichloroethene	3.64	96	89183	1.309	ug/L #	26
13) Acetone	3.70	43	24252	5.132	ug/L	99
18) trans-1,2-Dichloroethene	4.90	96	8425	0.160	ug/L	87
19) 1,1-Dichloroethane	5.70	63	856616	8.902	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	63712	1.371	ug/L #	90
25) Chloroform	7.23	83	11111	0.118	ug/L	95
29) 1,1,1-Trichloroethane	7.43	97	733152	9.738	ug/L	97
31) Carbon tetrachloride	7.43	117	84969	1.271	ug/L	99
34) Trichloroethene	8.71	95	177454	3.432	ug/L	94
35) Methylcyclohexane	8.89	83	48040	0.714	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	25036	0.588	ug/L #	92
47) Tetrachloroethene	10.51	164	33023	0.935	ug/L	81
53) m,p-Xylene	11.50	106	10918	0.125	ug/L	85
54) o-Xylene	11.83	106	5192	0.065	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.14	75	297	0.174	ug/L #	74

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR111918\

Quantitation Report (Not Reviewed)

Data File : VR026224.D
Acq On : 19 Nov 2018 16:44
Operator : SY/MD
Sample : J5997-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : E3YA2

Quant Time: Nov 20 04:18:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 04:16:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	15.00	128	1788	0.089	ug/L #	75

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR111918\

Quantitation Report (Not Reviewed)

Data File : VR026224.D
Acq On : 19 Nov 2018 16:44
Operator : SY/MD
Sample : J5997-02
Misc : 25mL/MSVOA_R/WATER
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Instrument :
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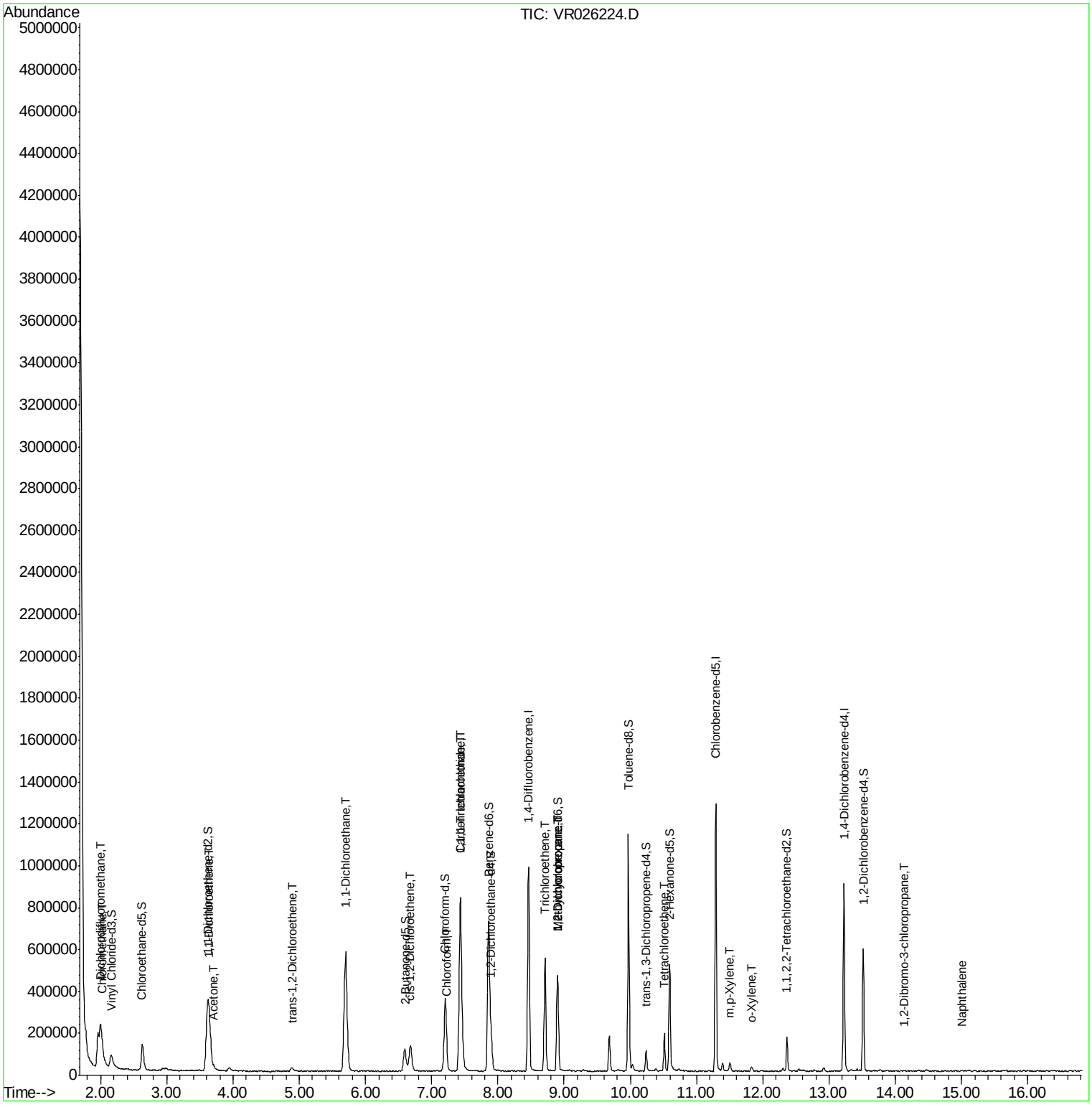
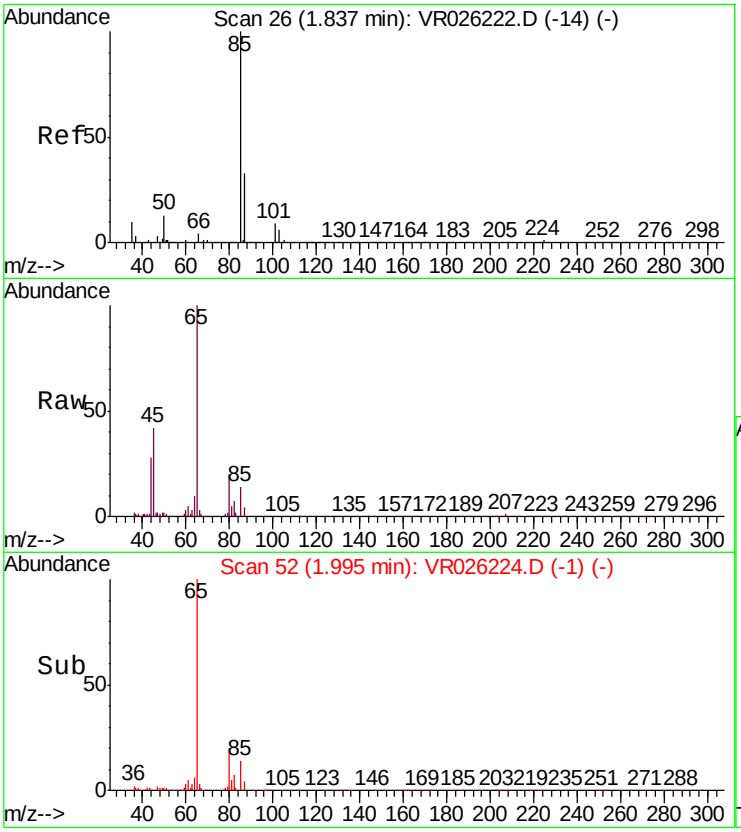
ClientSampleId :
E3YA2

Quant Time: Nov 20 04:18:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 04:16:20 2018
Response via : Initial Calibration



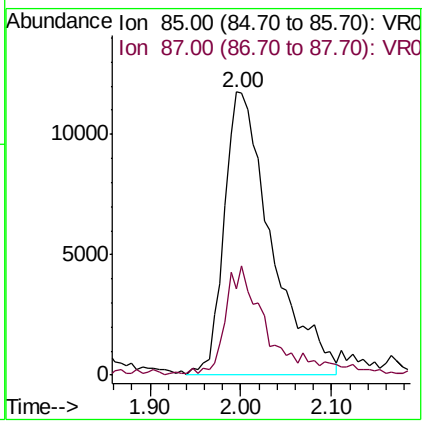


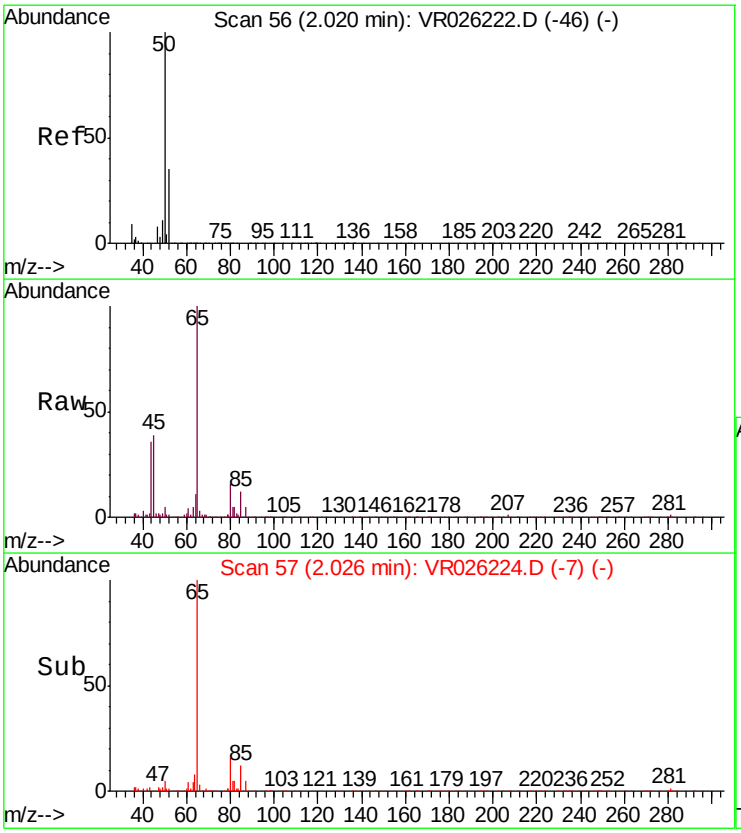
#2
Dichlorodifluoromethane
Concen: 0.965 ug/L
RT: 2.00 min Scan# 52
Delta R.T. 0.16 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument :
MSVOA_R
ClientSampleId :
E3YA2

Tgt Ion: 85 Resp: 42651

Ion	Ratio	Lower	Upper
85	100		
87	28.9	23.4	35.2

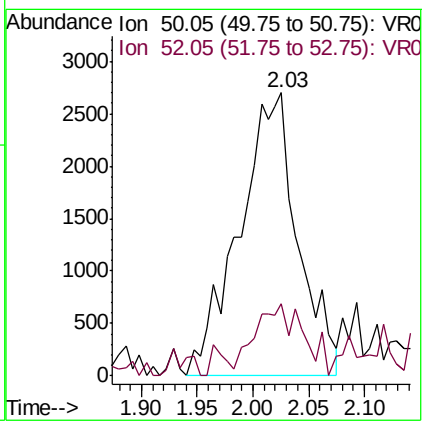


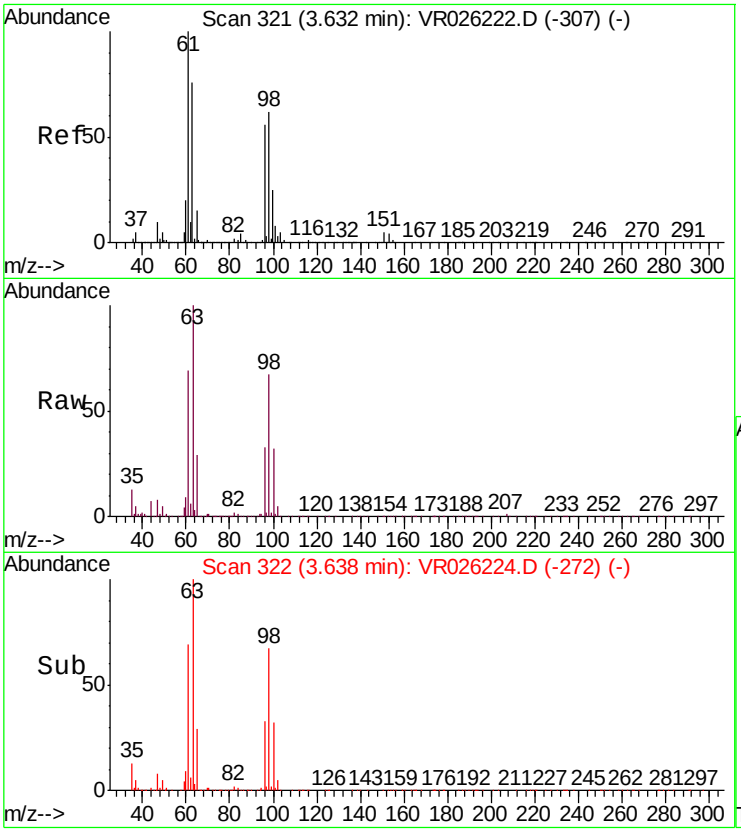


#3
Chloromethane
Concen: 0.131 ug/L
RT: 2.03 min Scan# 57
Delta R.T. 0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion: 50 Resp: 9898

Ion	Ratio	Lower	Upper
50	100		
52	25.3	23.4	43.6



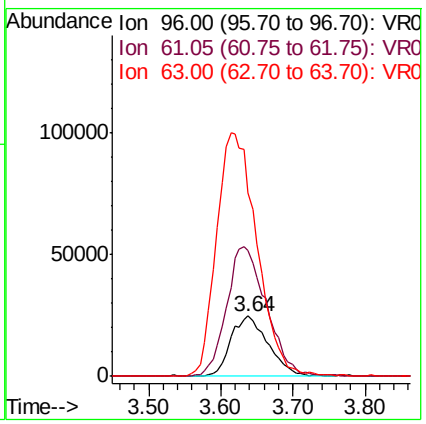


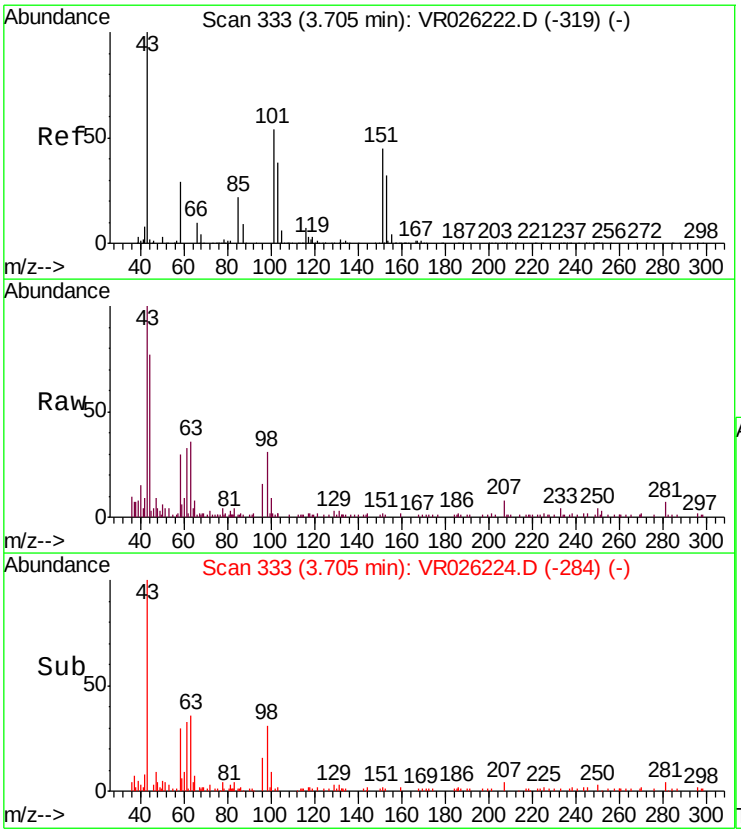
#12
1,1-Dichloroethene
Concen: 1.309 ug/L
RT: 3.64 min Scan# 322
Delta R.T. 0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument : MSVOA_R
ClientSampleId : E3YA2

Tgt Ion: 96 Resp: 89183

Ion	Ratio	Lower	Upper
96	100		
61	209.3	125.5	233.1
63	305.2	93.7	174.1#

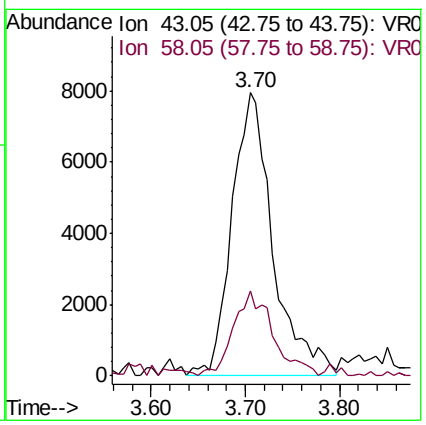


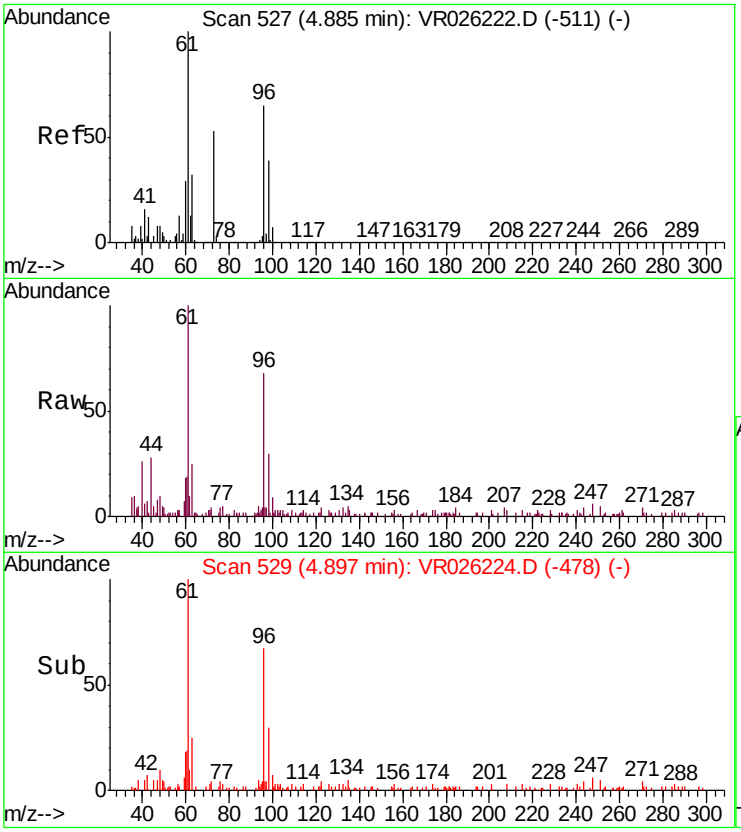


#13
Acetone
Concen: 5.132 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion: 43 Resp: 24252

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	58.6



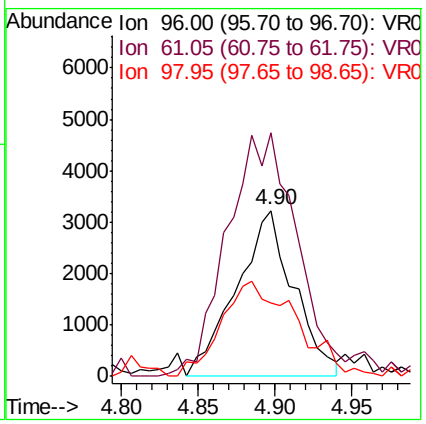


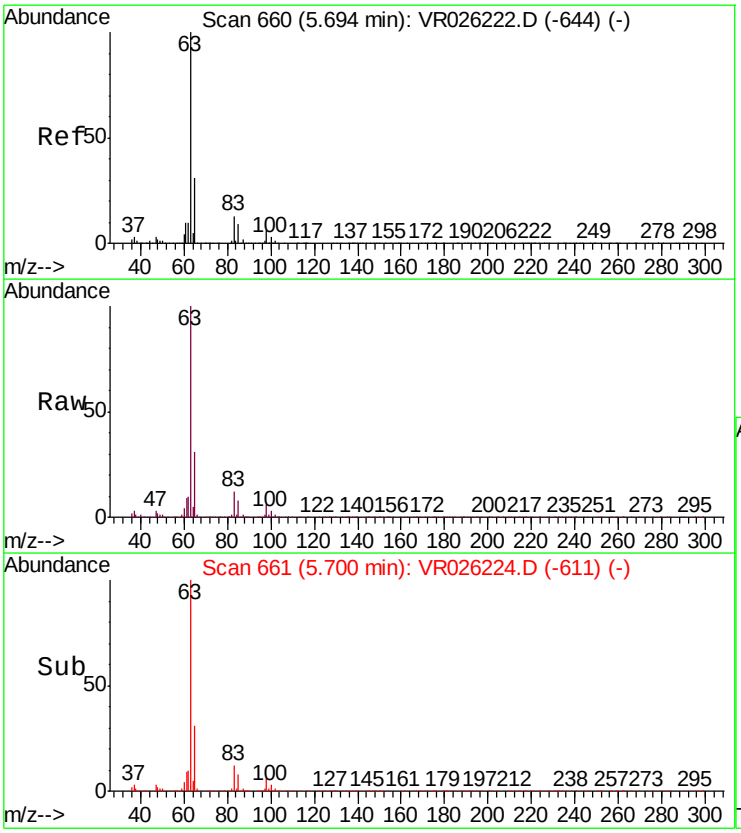
#18
trans-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 4.90 min Scan# 529
Delta R.T. 0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument : MSVOA_R
ClientSampleId : E3YA2

Tgt Ion: 96 Resp: 8425

Ion	Ratio	Lower	Upper
96	100		
61	138.7	105.6	196.2
98	41.7	41.5	77.1

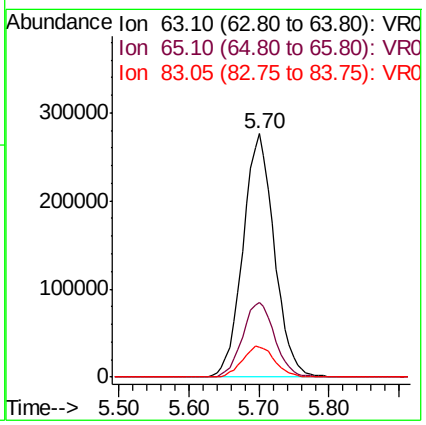


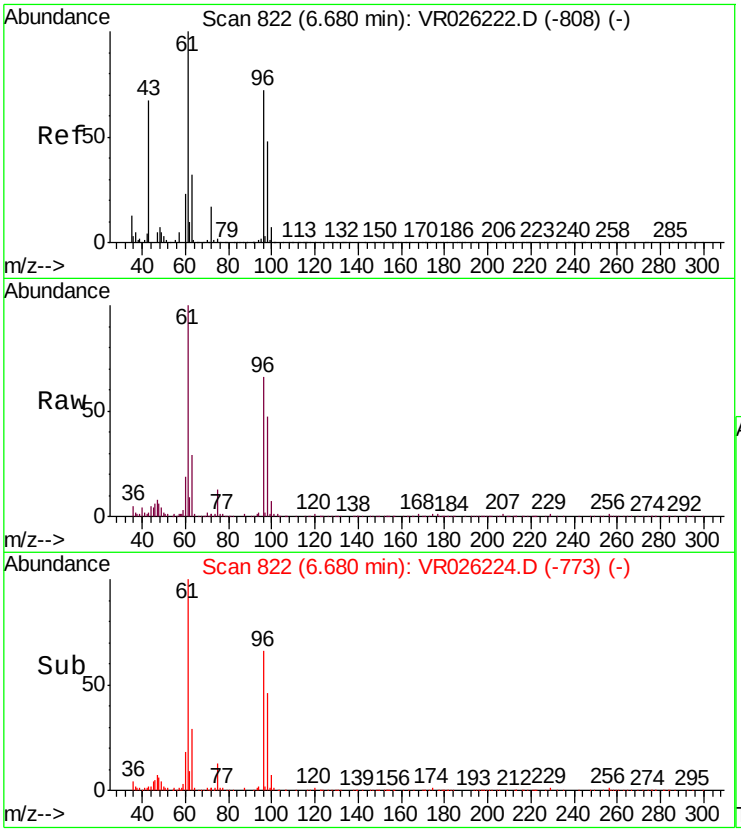


#19
1,1-Dichloroethane
Concen: 8.902 ug/L
RT: 5.70 min Scan# 661
Delta R.T. 0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion: 63 Resp: 856616

Ion	Ratio	Lower	Upper
63	100		
65	30.7	20.9	38.7
83	12.4	9.1	16.9



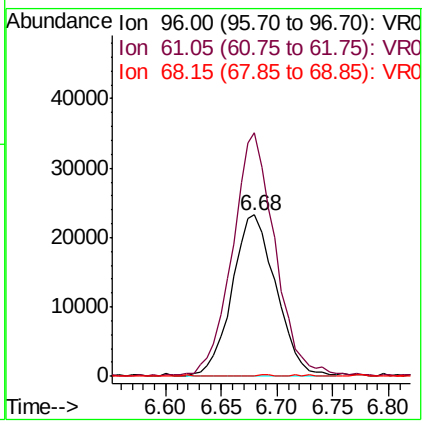


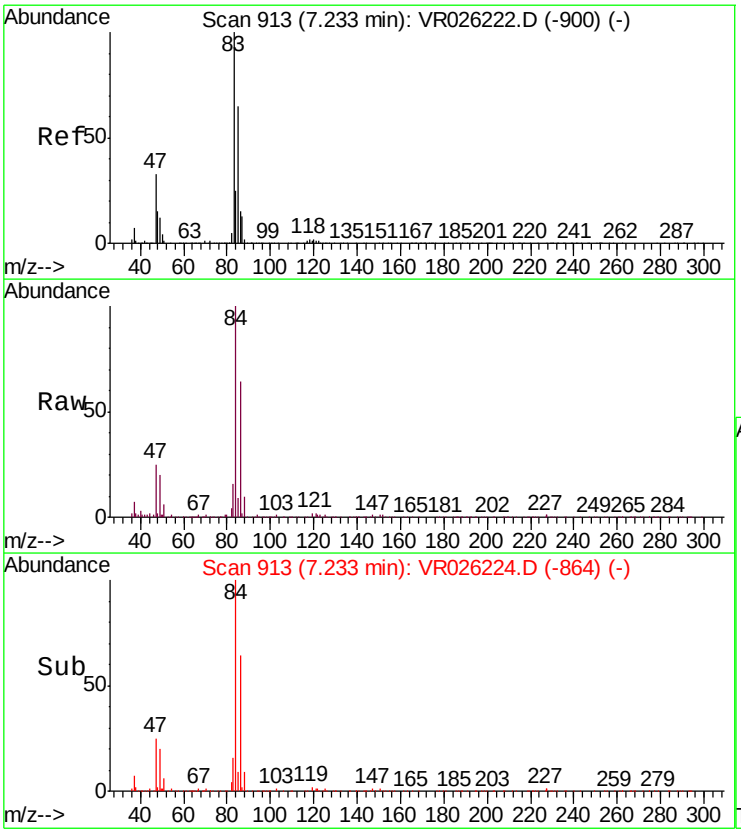
#22
cis-1,2-Dichloroethene
Concen: 1.371 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument : MSVOA_R
ClientSampleId : E3YA2

Tgt Ion: 96 Resp: 63712

Ion	Ratio	Lower	Upper
96	100		
61	151.1	97.4	180.8
68	0.4	0.1	0.3#

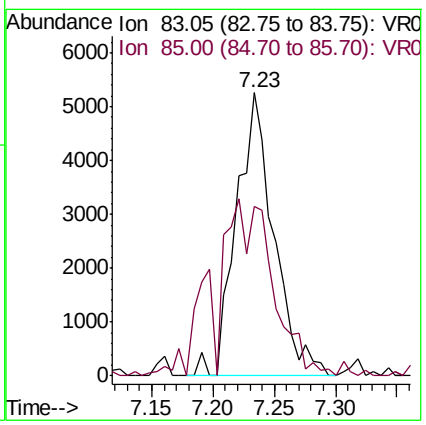


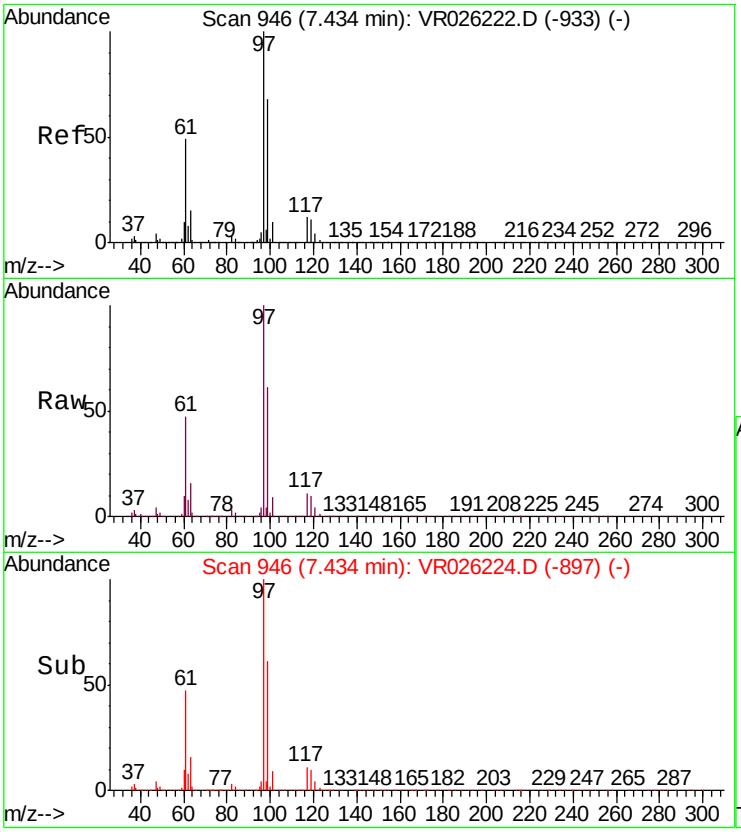


#25
Chloroform
Concen: 0.118 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion: 83 Resp: 11111

Ion	Ratio	Lower	Upper
83	100		
85	60.1	44.8	83.2



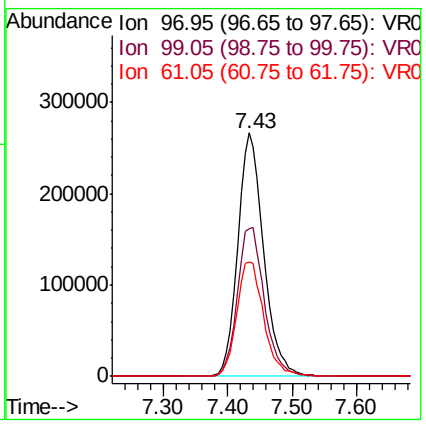


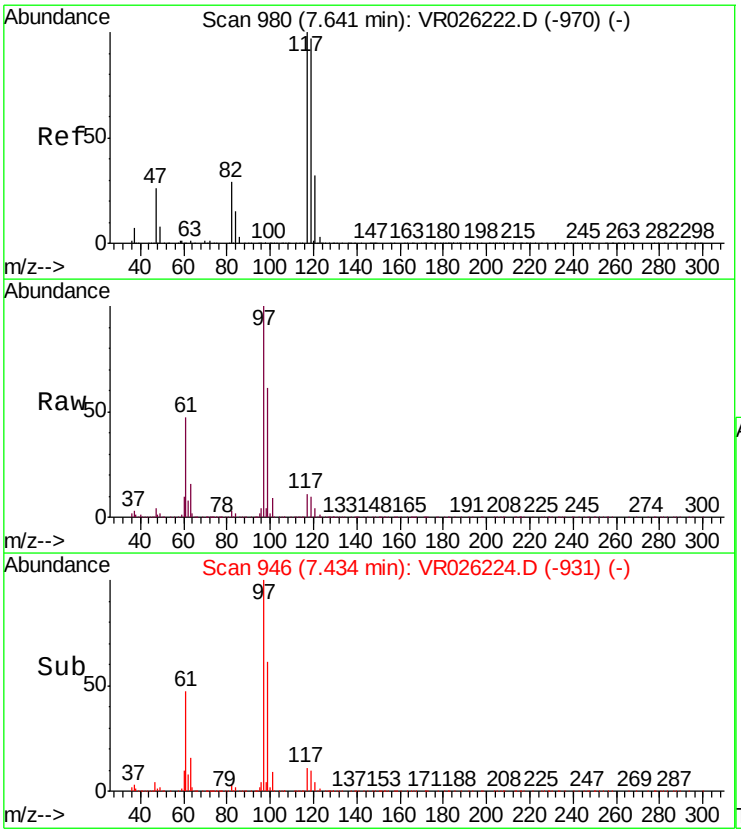
#29
1,1,1-Trichloroethane
Concen: 9.738 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument : MSVOA_R
ClientSampleId : E3YA2

Tgt Ion: 97 Resp: 733152

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.2	78.2
61	49.3	41.6	62.4

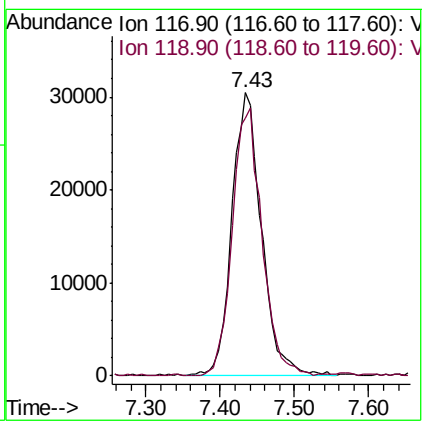


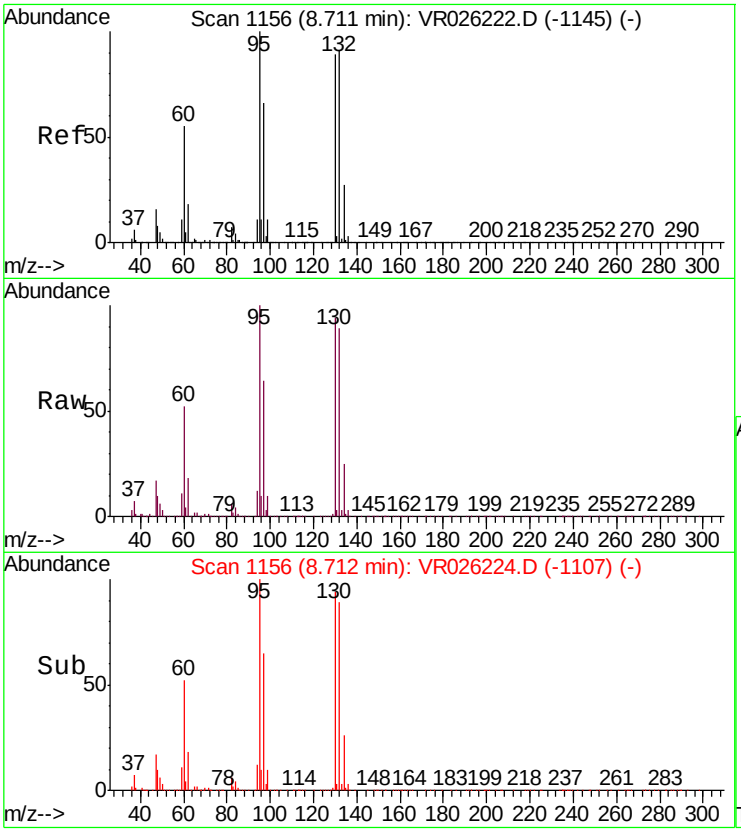


#31
Carbon tetrachloride
Concen: 1.271 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.21 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion:117 Resp: 84969

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.7	115.1



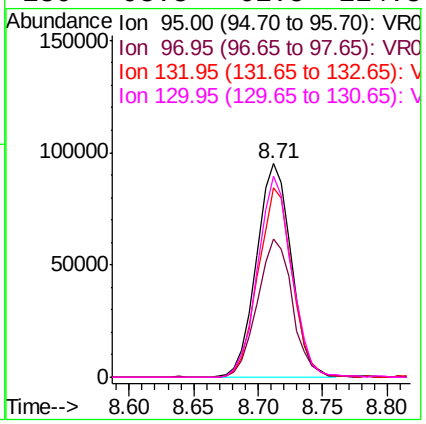


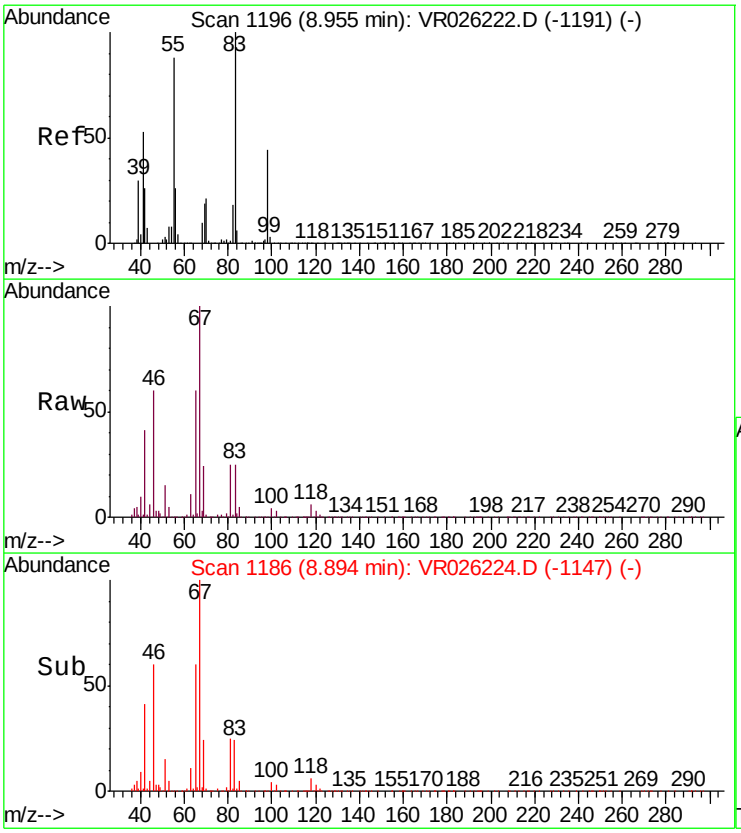
#34
Trichloroethene
Concen: 3.432 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument :
MSVOA_R
ClientSampleId :
E3YA2

Tgt Ion: 95 Resp: 177454

Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.5	80.7
132	88.9	58.0	107.6
130	93.8	61.5	114.3

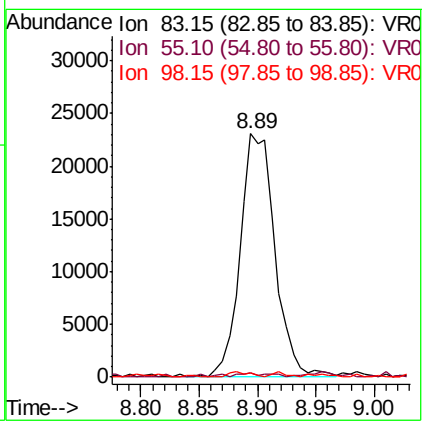


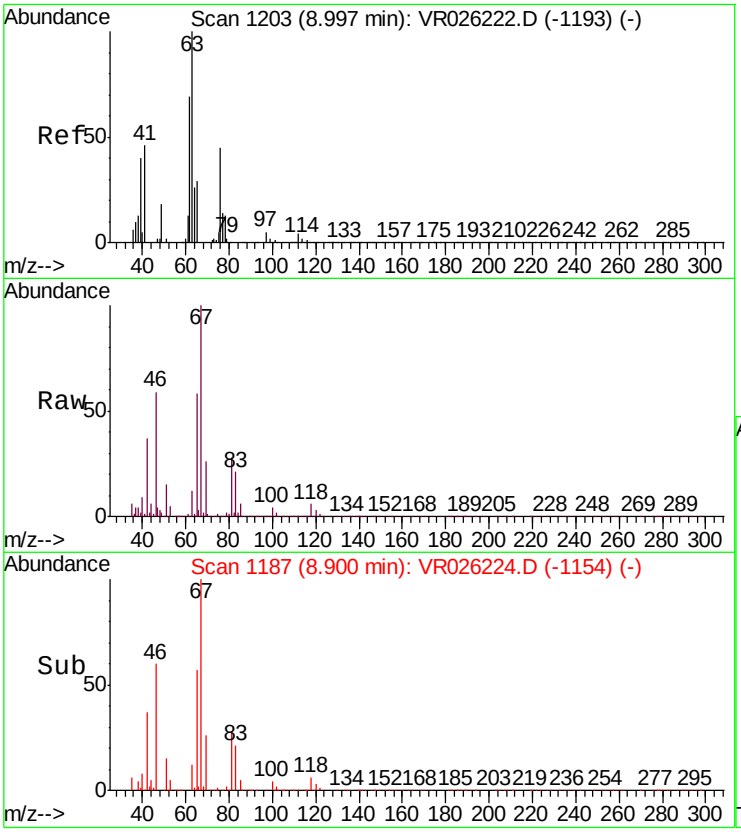


#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion: 83 Resp: 48040

Ion	Ratio	Lower	Upper
83	100		
55	1.5	67.9	101.9#
98	1.3	35.8	53.6#



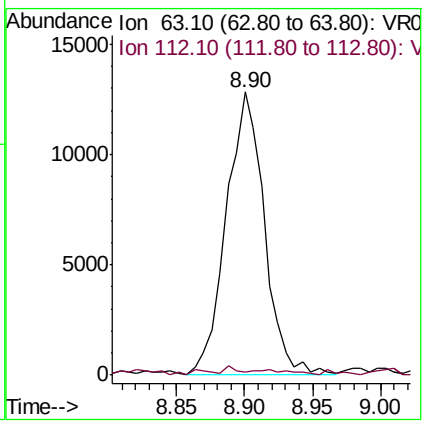


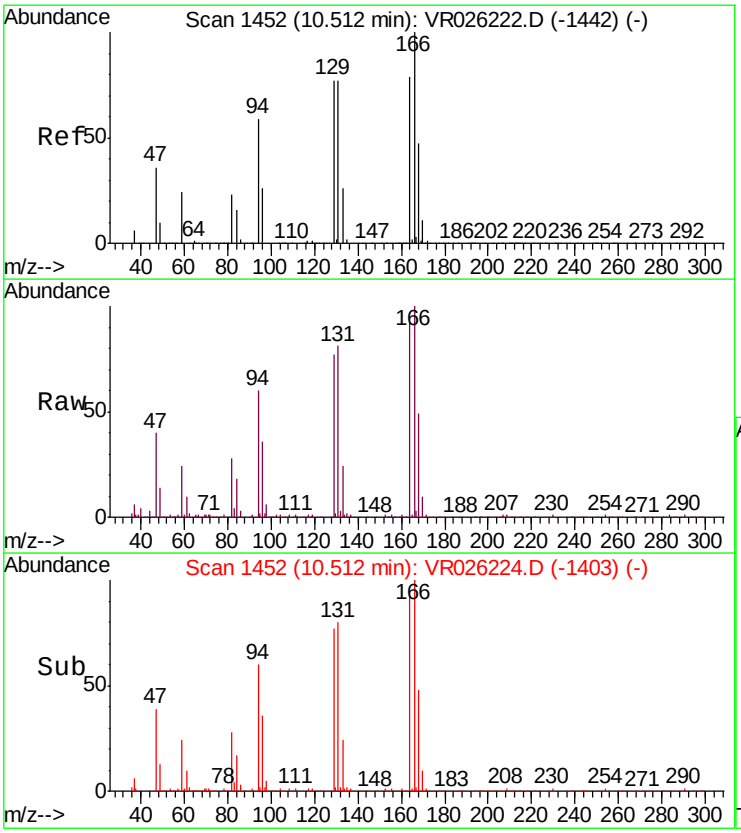
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument : MSVOA_R
ClientSampleId : E3YA2

Tgt Ion: 63 Resp: 25036

Ion	Ratio	Lower	Upper
63	100		
112	0.7	2.8	4.2#

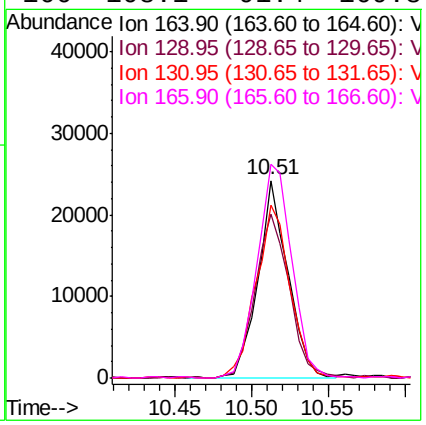


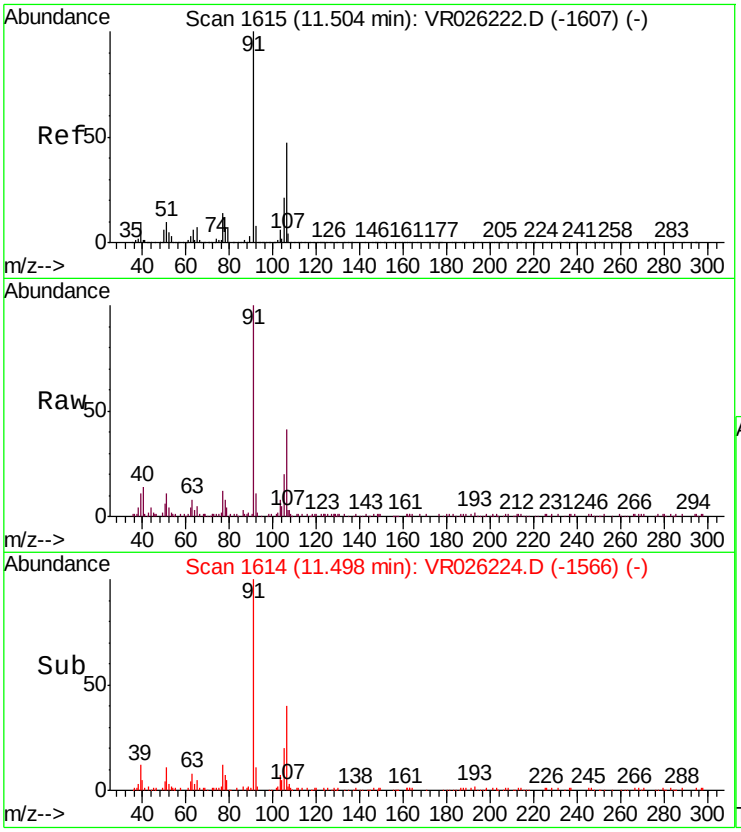


#47
Tetrachloroethene
Concen: 0.935 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion:164 Resp: 33023

Ion	Ratio	Lower	Upper
164	100		
129	82.7	72.3	134.3
131	87.2	73.4	136.2
166	108.1	91.4	169.8



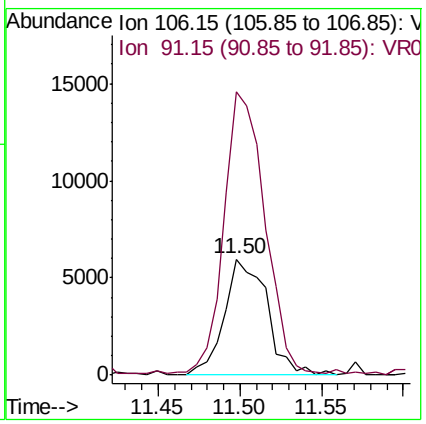


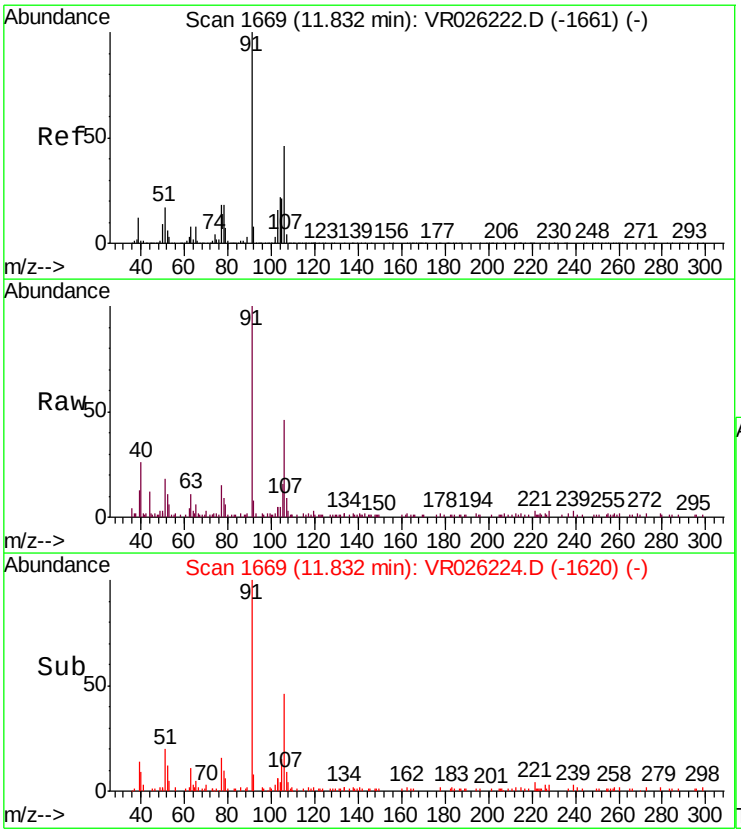
#53
m,p-Xylene
Concen: 0.125 ug/L
RT: 11.50 min Scan# 1614
Delta R.T. -0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument : MSVOA_R
ClientSampleId : E3YA2

Tgt Ion:106 Resp: 10918

Ion	Ratio	Lower	Upper
106	100		
91	243.4	153.9	285.9

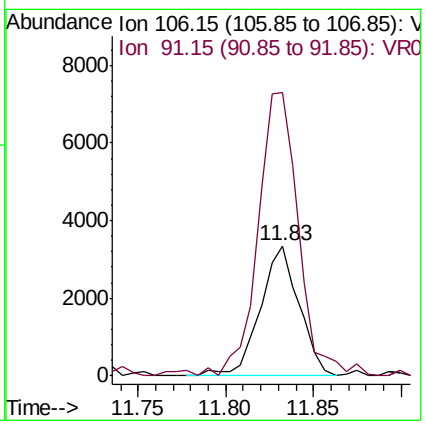


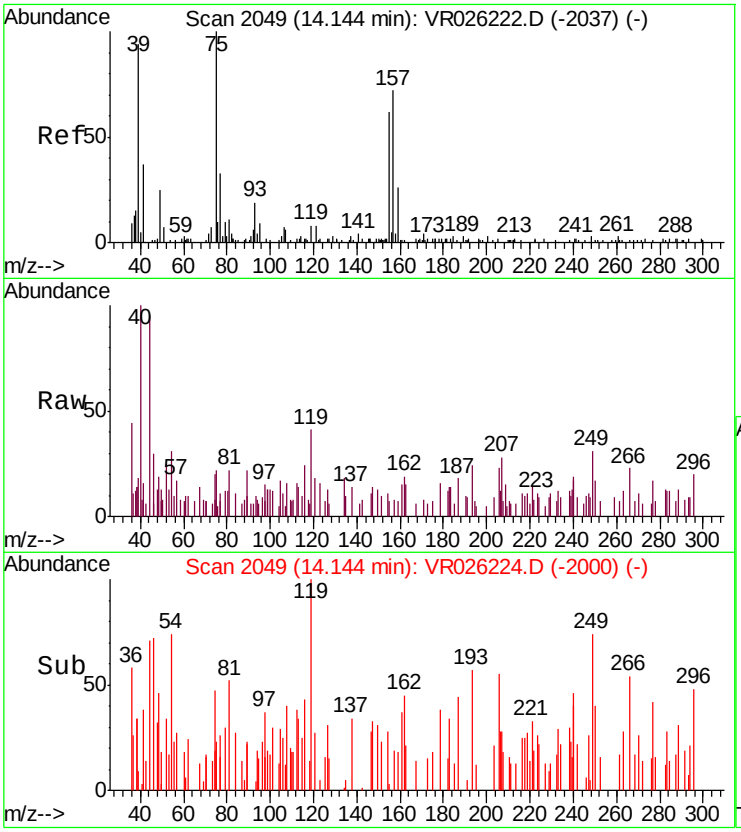


#54
o-Xylene
Concen: 0.065 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion:106 Resp: 5192

Ion	Ratio	Lower	Upper
106	100		
91	217.8	159.5	296.1



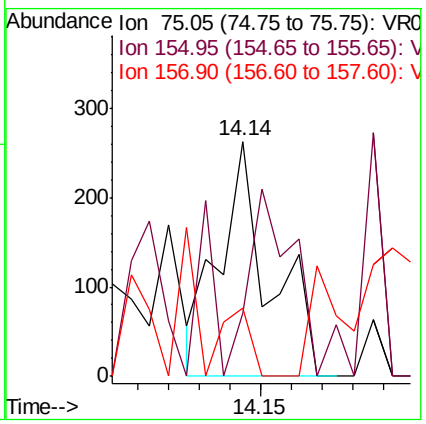


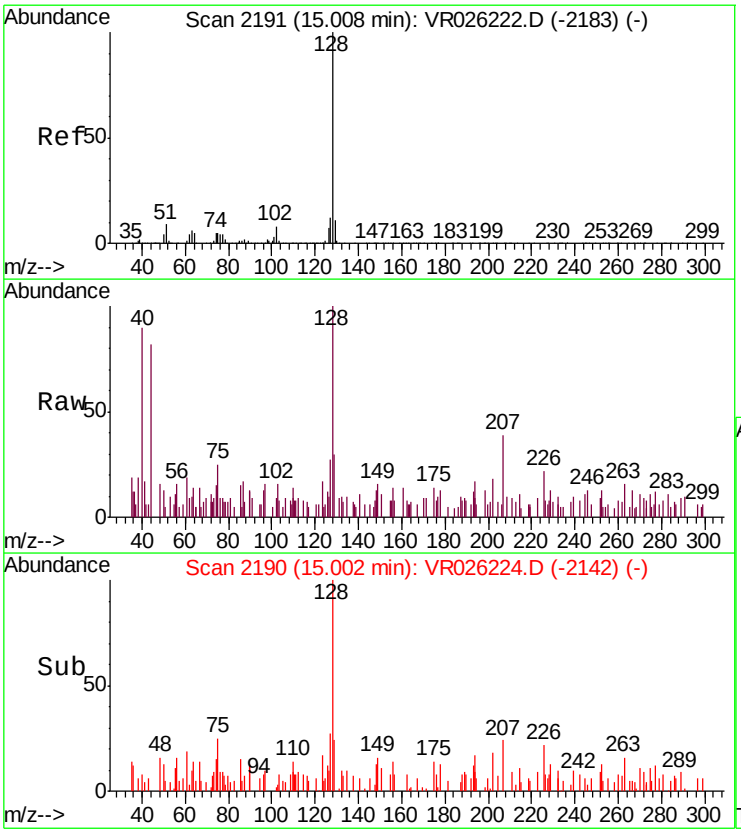
#66
1,2-Dibromo-3-chloropropane
Concen: 0.174 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Instrument : MSVOA_R
ClientSampleId : E3YA2

Tgt Ion: 75 Resp: 297

Ion	Ratio	Lower	Upper
75	100		
155	26.6	37.8	56.6#
157	29.3	34.6	51.8#





#69
Naphthalene
Concen: 0.089 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VR026224.D
Acq: 19 Nov 2018 16:44

Tgt Ion:128 Resp: 1788

Ion	Ratio	Lower	Upper
128	100		
127	29.0	9.8	14.8#
129	12.0	8.4	12.6