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

Quantitation Report (Not Reviewed)

Data File : VR026226.D
Acq On : 19 Nov 2018 17:51
Operator : SY/MD
Sample : J5997-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : E3YA7

Quant Time: Nov 20 04:19:27 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	8.47	114	643160	5.00	ug/L	0.01
28) Chlorobenzene-d5	11.30	117	626206	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	326237	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	208299	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	2.63	69	223359	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	3.64	63	402570	3.22	ug/L	0.03
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	6.60	46	298178	72.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 144.54%#			
24) Chloroform-d	7.22	84	417326	4.95	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	8.13	65	6418	0.19	ug/L	0.24
Spiked Amount 5.000	Range 70 - 130		Recovery = 3.80%#			
32) Benzene-d6	7.87	84	820618	4.58	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	8.92	67	288636	6.05	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 121.00%			
41) Toluene-d8	10.01	98	233619	1.40	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 28.00%#			
43) trans-1,3-Dichloropropene-	10.28	79	16155	1.35	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 27.00%#			
46) 2-Hexanone-d5	10.61	63	787378	226.31	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 452.62%#			
57) 1,1,2,2-Tetrachloroethane-	12.37	84	104996	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.00%			
64) 1,2-Dichlorobenzene-d4	13.52	152	242678	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.67	96	24734	0.393	ug/L #	1
13) Acetone	3.72	43	68213	15.641	ug/L	84
15) Methyl Acetate	3.95	43	29507	2.602	ug/L #	54
19) 1,1-Dichloroethane	5.76	63	102672	1.156	ug/L	94
21) 2-Butanone	6.70	43	7099	1.409	ug/L	84
22) cis-1,2-Dichloroethene	6.69	96	285220	6.650	ug/L #	98
29) 1,1,1-Trichloroethane	7.47	97	418798	4.996	ug/L	96
30) Cyclohexane	7.54	56	73831	1.005	ug/L	96
31) Carbon tetrachloride	7.48	117	46448	0.624	ug/L	95
34) Trichloroethene	8.73	95	77729	1.350	ug/L	95
35) Methylcyclohexane	8.98	83	1090834	14.568	ug/L #	83
38) Bromodichloromethane	9.28	83	22771	0.430	ug/L #	67
40) 4-Methyl-2-pentanone	9.85	43	139133	10.386	ug/L #	48
42) Toluene	10.05	91	70478478	299.310	ug/L #	56
44) trans-1,3-Dichloropropene	10.23	75	465658	13.025	ug/L #	1
45) 1,1,2-Trichloroethane	10.45	97	1001770	48.953	ug/L #	21
47) Tetrachloroethene	10.55	164	147474	3.749	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : VR026226.D
Acq On : 19 Nov 2018 17:51
Operator : SY/MD
Sample : J5997-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : E3YA7

Quant Time: Nov 20 04:19:27 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)
48) 2-Hexanone	10.60	43	42993	4.759	ug/L	#	57
49) Dibromochloromethane	10.55	129	143775	5.932	ug/L	#	11
52) Ethylbenzene	11.41	91	39740079	148.792	ug/L	#	5
53) m,p-Xylene	11.52	106	10879727	112.225	ug/L	#	35
54) o-Xylene	11.84	106	6015489	67.995	ug/L		74
55) Styrene	11.84	104	274976	1.999	ug/L	#	1
56) Isopropylbenzene	12.14	105	1907190	7.983	ug/L		98
65) 1,2-Dichlorobenzene	13.54	146	22900	0.276	ug/L		94
66) 1,2-Dibromo-3-chloropropan	14.13	75	3139	1.021	ug/L	#	38
69) Naphthalene	15.00	128	165014	4.556	ug/L		98

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

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

Quantitation Report (Not Reviewed)

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Acq On : 19 Nov 2018 17:51
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Sample : J5997-09
Misc : 25mL/MSVOA_R/WATER
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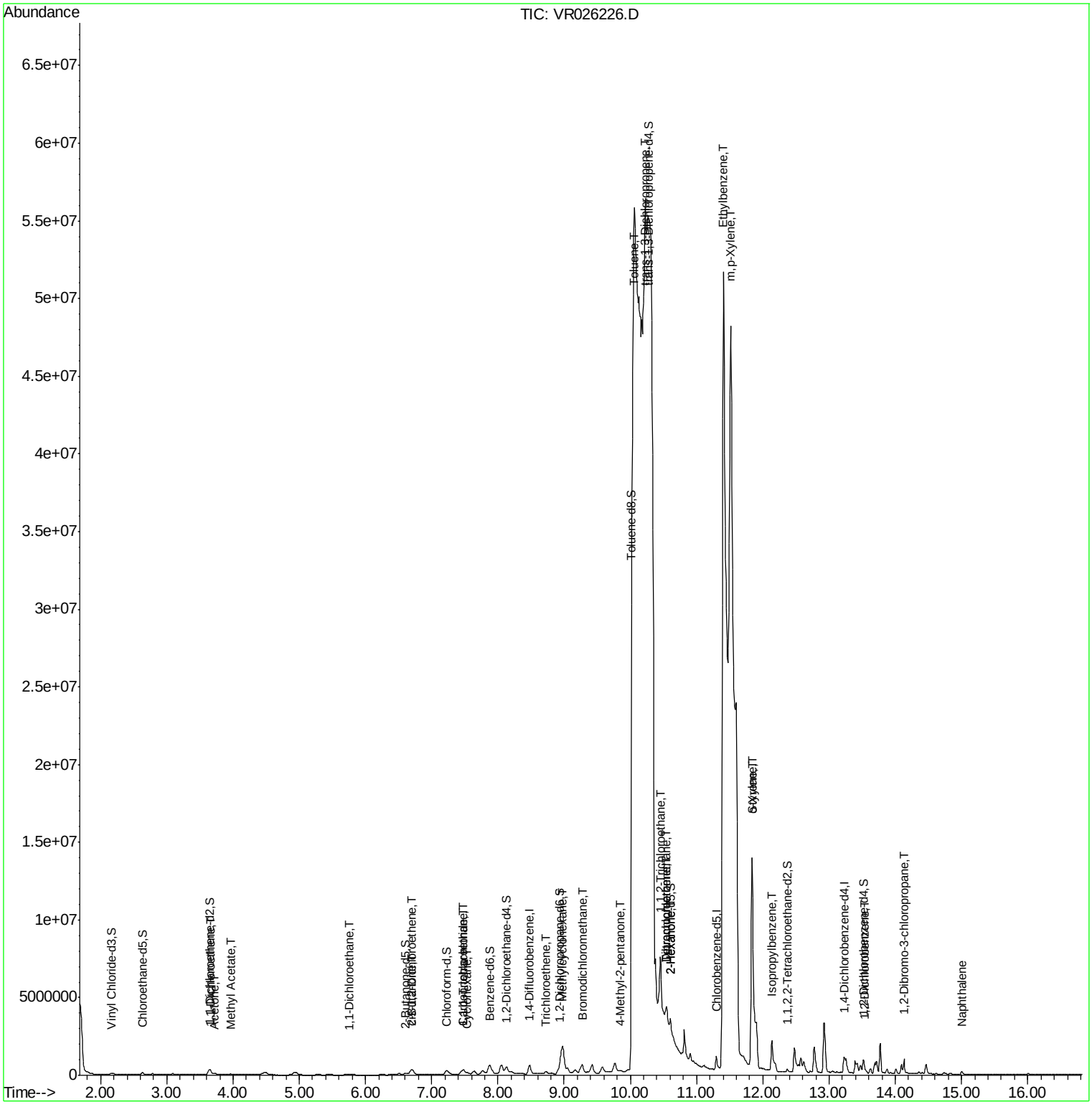
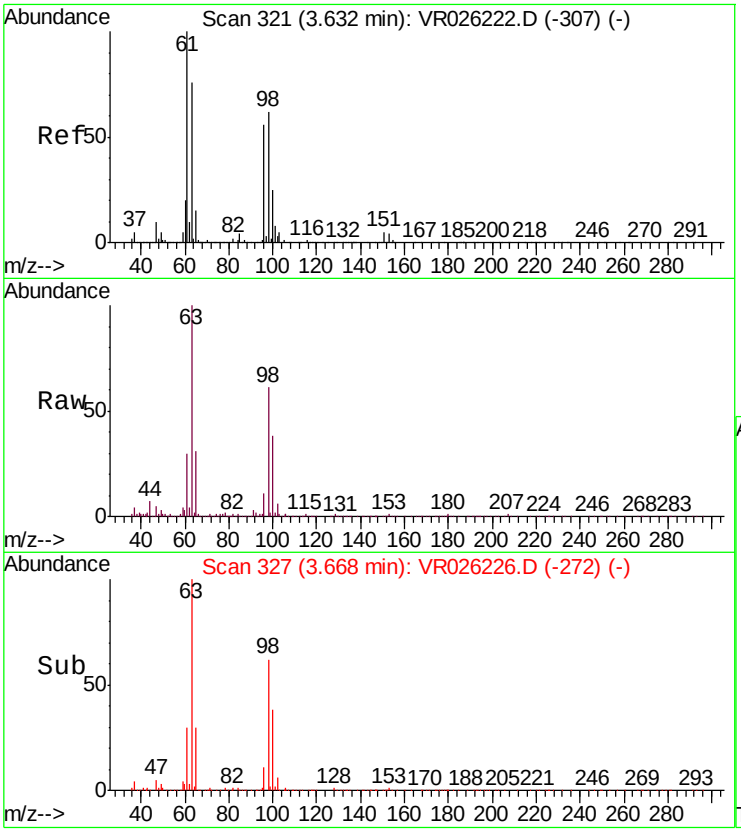
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 04:16:20 2018
Response via : Initial Calibration



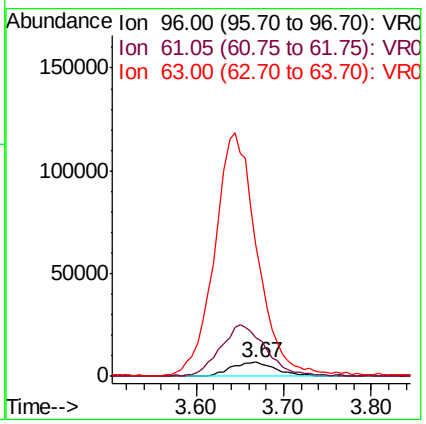


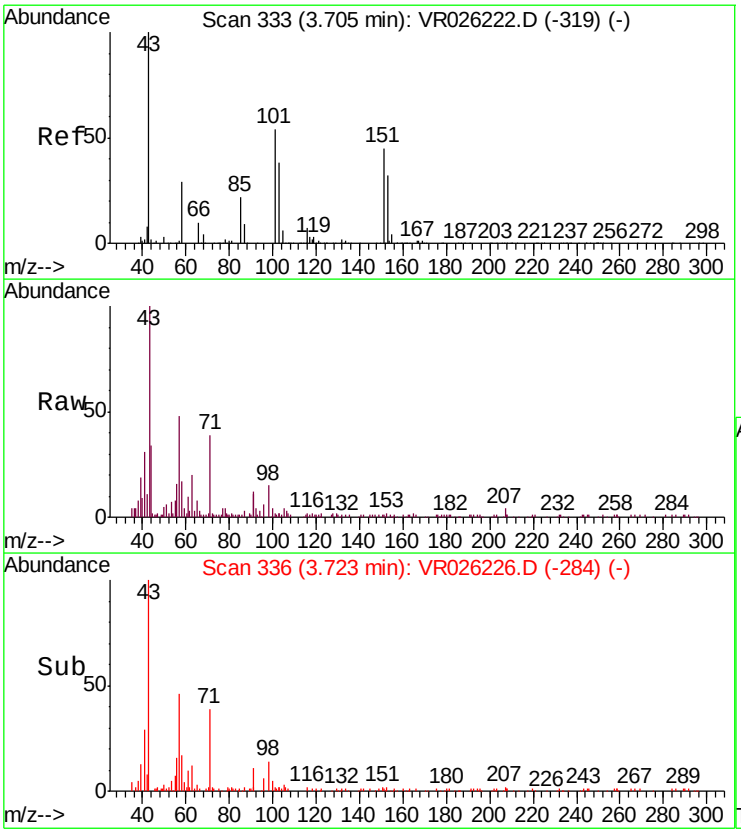
#12
1,1-Dichloroethene
Concen: 0.393 ug/L
RT: 3.67 min Scan# 327
Delta R.T. 0.04 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion: 96 Resp: 24734

Ion	Ratio	Lower	Upper
96	100		
61	273.2	125.5	233.1#
63	920.0	93.7	174.1#

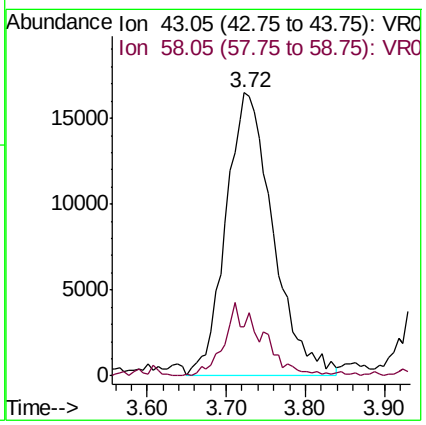


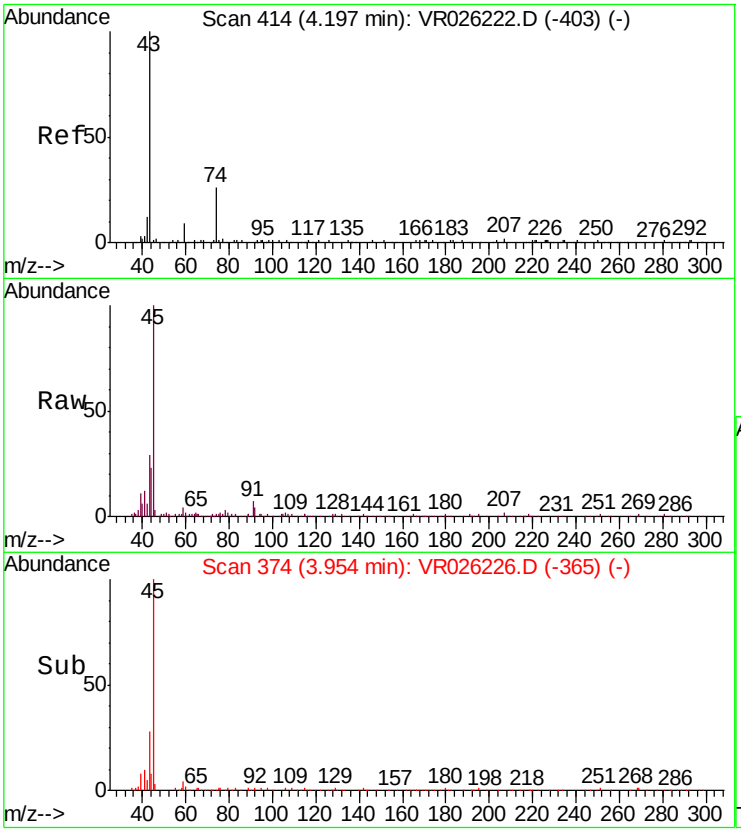


#13
Acetone
Concen: 15.641 ug/L
RT: 3.72 min Scan# 336
Delta R.T. 0.02 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 43 Resp: 68213

Ion	Ratio	Lower	Upper
43	100		
58	20.5	0.0	58.6



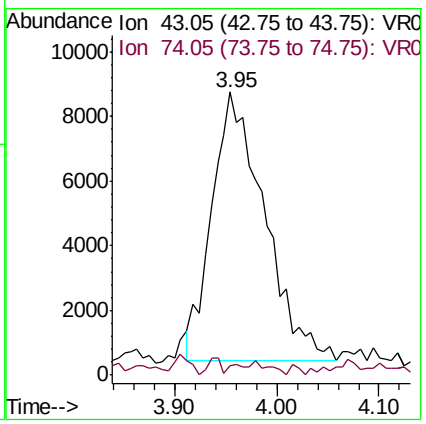


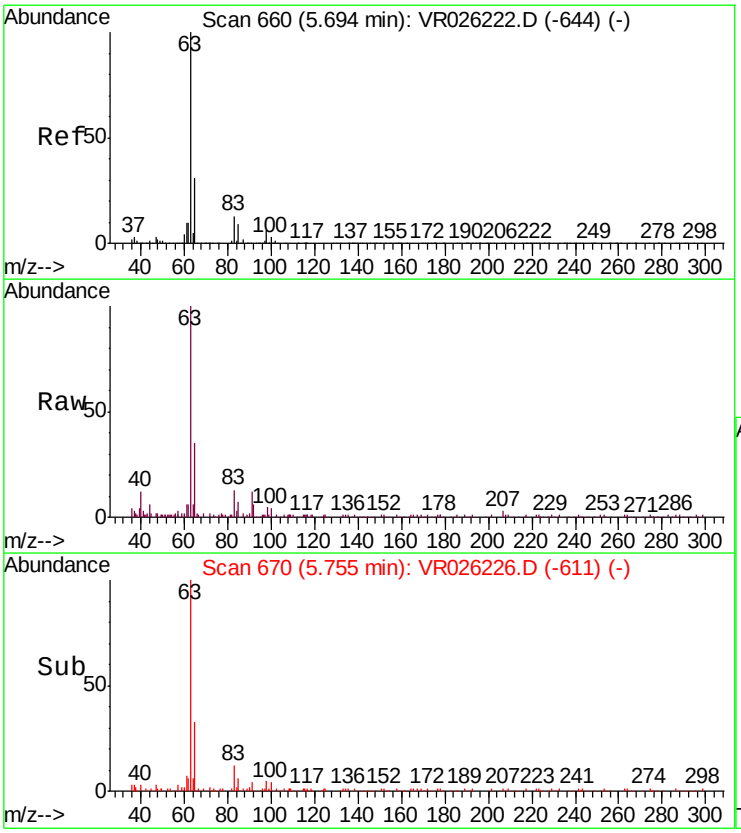
#15
Methyl Acetate
Concen: 2.602 ug/L
RT: 3.95 min Scan# 374
Delta R.T. -0.24 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion: 43 Resp: 29507

Ion	Ratio	Lower	Upper
43	100		
74	0.2	17.8	26.6#

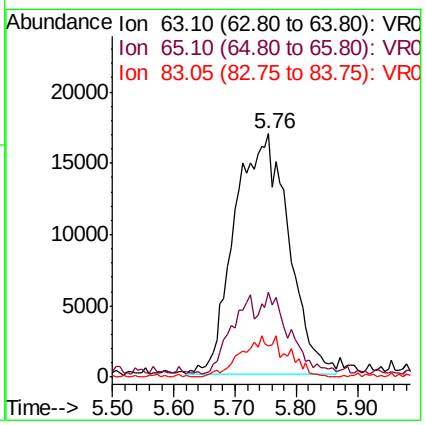


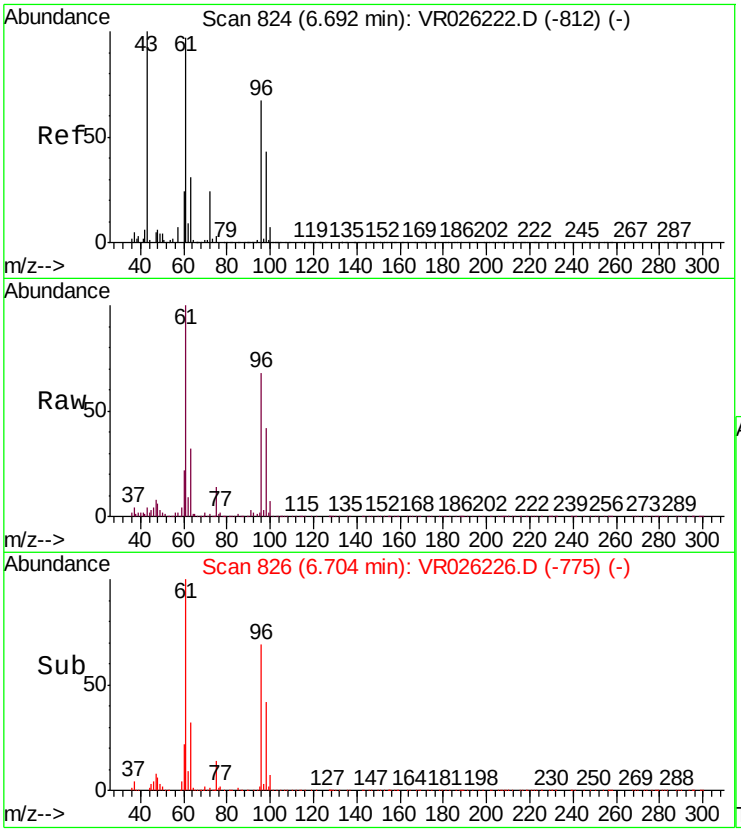


#19
1,1-Dichloroethane
Concen: 1.156 ug/L
RT: 5.76 min Scan# 670
Delta R.T. 0.06 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 63 Resp: 102672

Ion	Ratio	Lower	Upper
63	100		
65	34.7	20.9	38.7
83	12.8	9.1	16.9



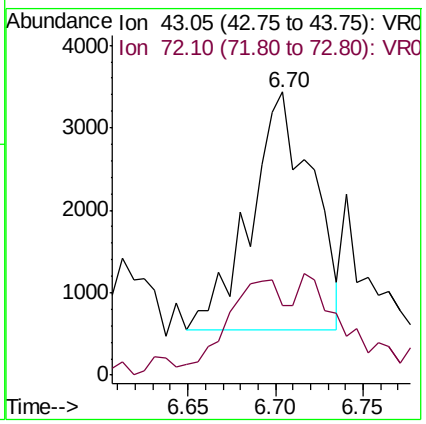


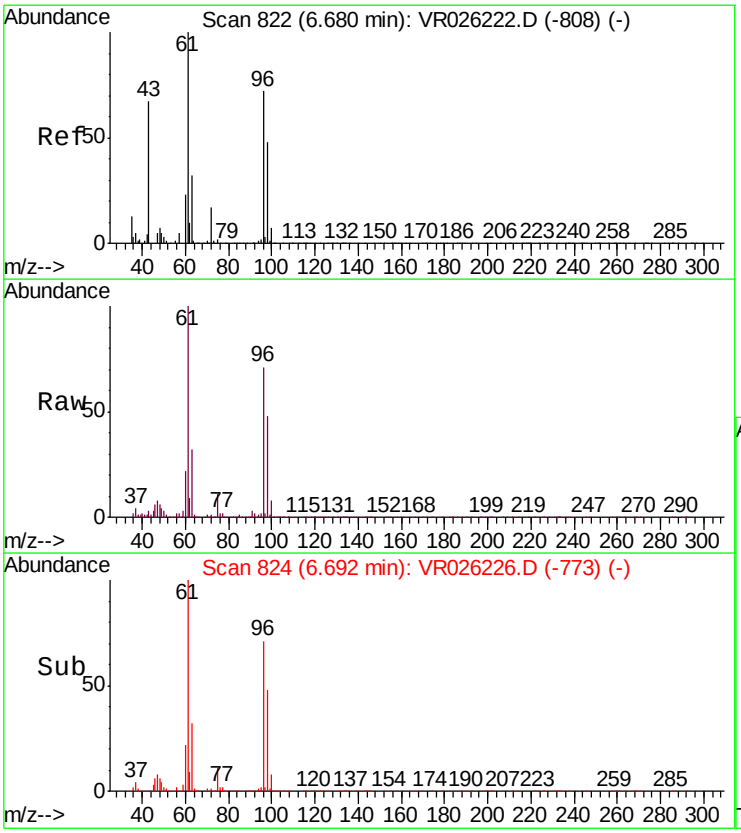
#21
2-Butanone
Concen: 1.409 ug/L
RT: 6.70 min Scan# 826
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion: 43 Resp: 7099

Ion	Ratio	Lower	Upper
43	100		
72	31.8	11.9	35.9

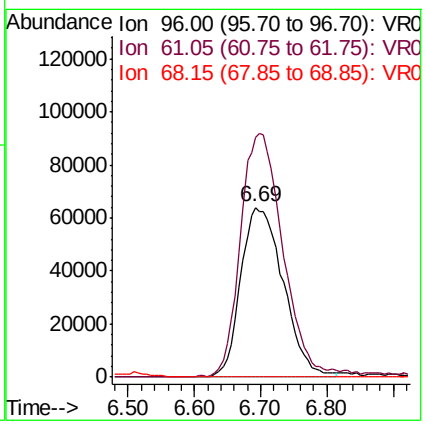


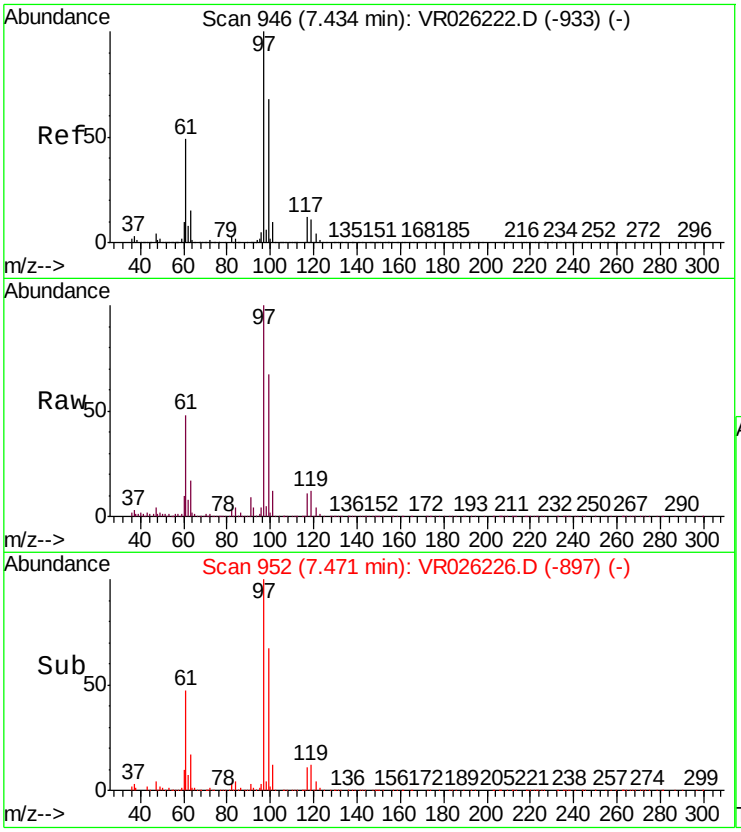


#22
cis-1,2-Dichloroethene
Concen: 6.650 ug/L
RT: 6.69 min Scan# 824
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 96 Resp: 285220

Ion	Ratio	Lower	Upper
96	100		
61	141.2	97.4	180.8
68	0.0	0.1	0.3#



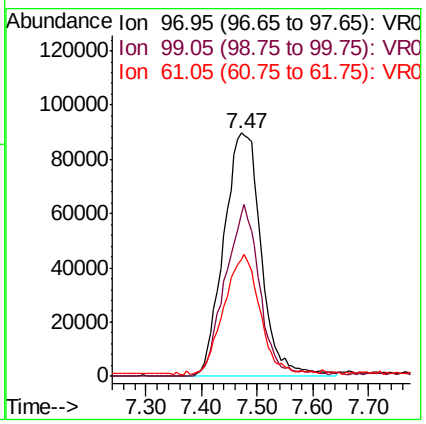


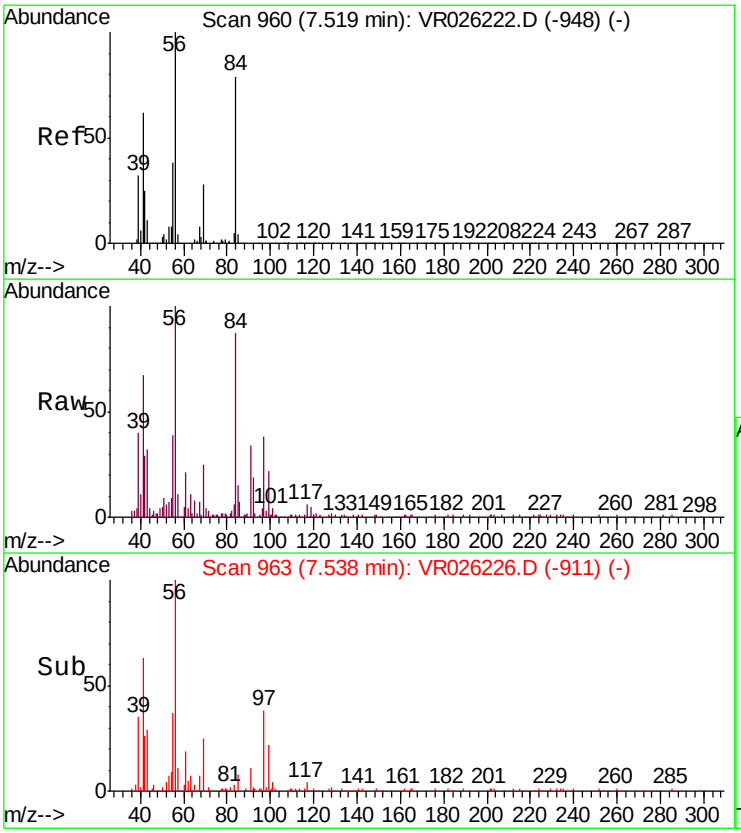
#29
1,1,1-Trichloroethane
Concen: 4.996 ug/L
RT: 7.47 min Scan# 952
Delta R.T. 0.04 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion: 97 Resp: 418798

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	46.6	41.6	62.4

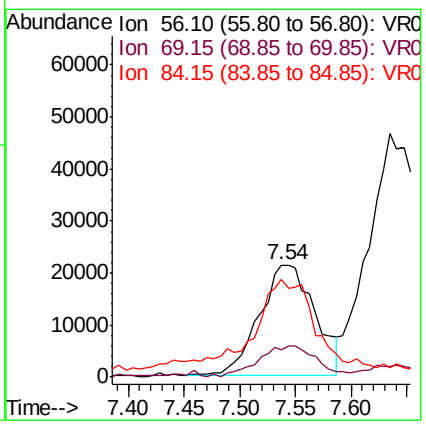


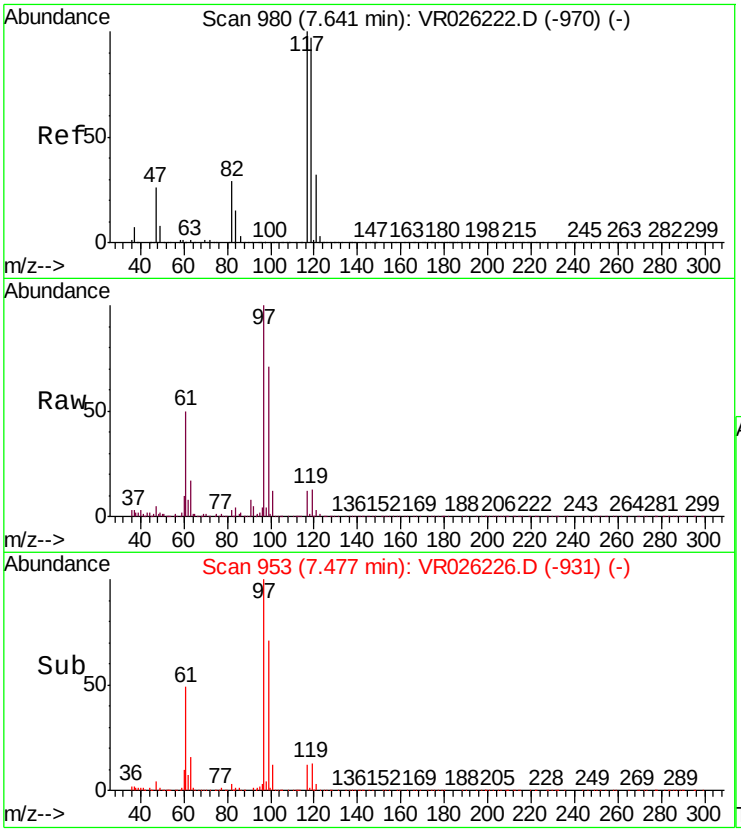


#30
Cyclohexane
Concen: 1.005 ug/L
RT: 7.54 min Scan# 963
Delta R.T. 0.02 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 56 Resp: 73831

Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.0	34.6
84	79.8	60.8	91.2



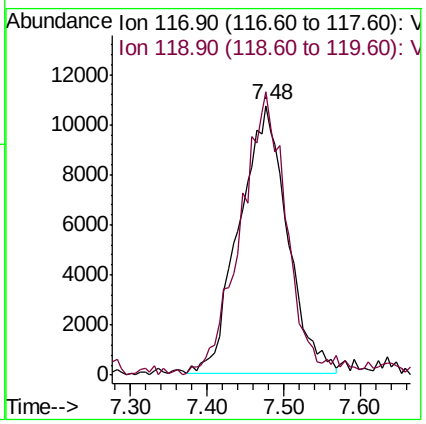


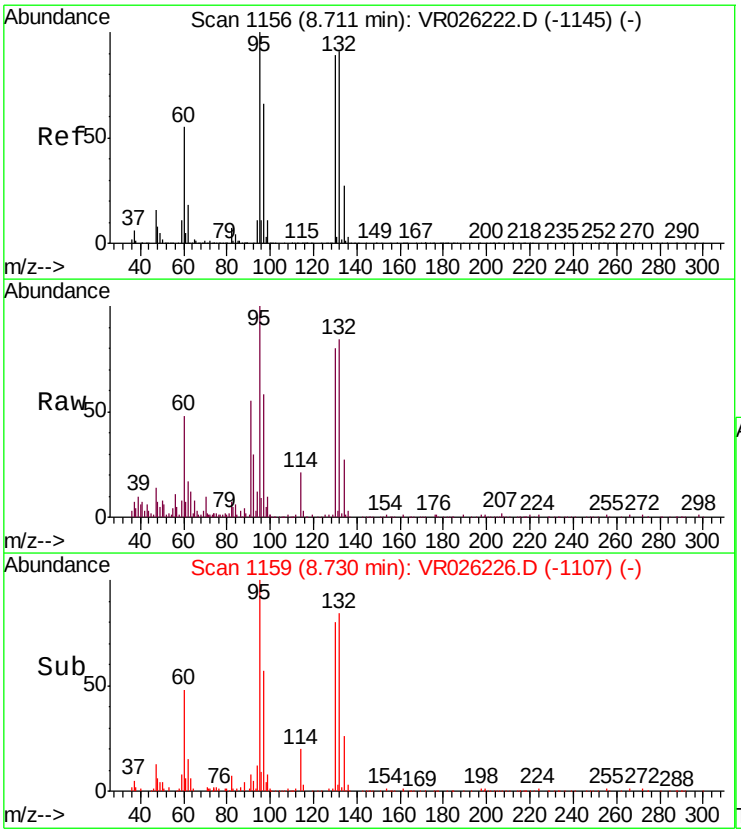
#31
Carbon tetrachloride
Concen: 0.624 ug/L
RT: 7.48 min Scan# 953
Delta R.T. -0.16 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion:117 Resp: 46448

Ion	Ratio	Lower	Upper
117	100		
119	100.6	76.7	115.1

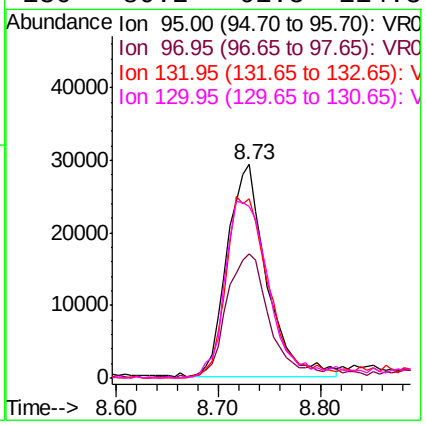


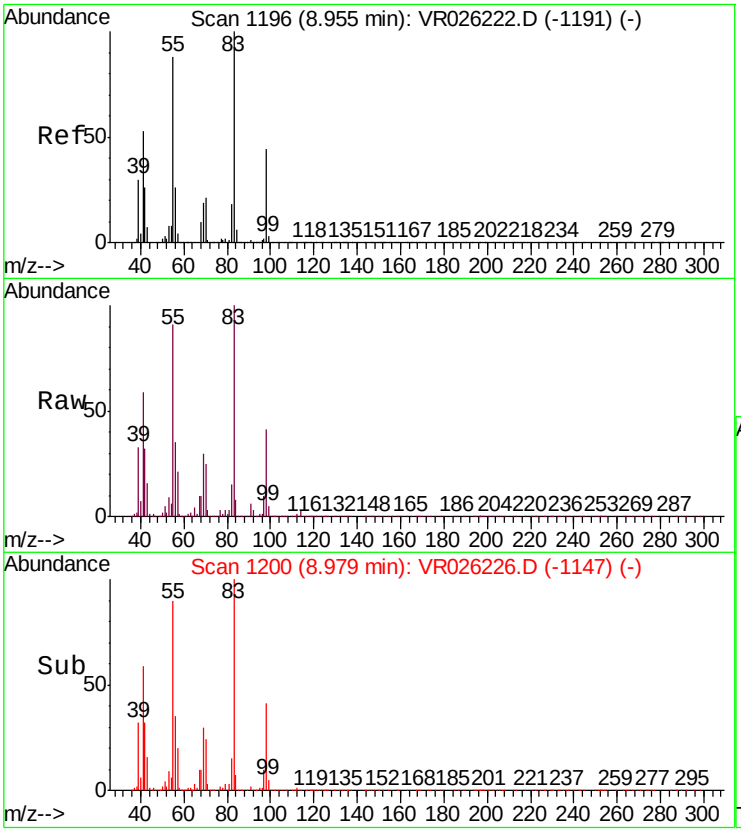


#34
Trichloroethene
Concen: 1.350 ug/L
RT: 8.73 min Scan# 1159
Delta R.T. 0.02 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 95 Resp: 77729

Ion	Ratio	Lower	Upper
95	100		
97	58.4	43.5	80.7
132	83.7	58.0	107.6
130	80.2	61.5	114.3



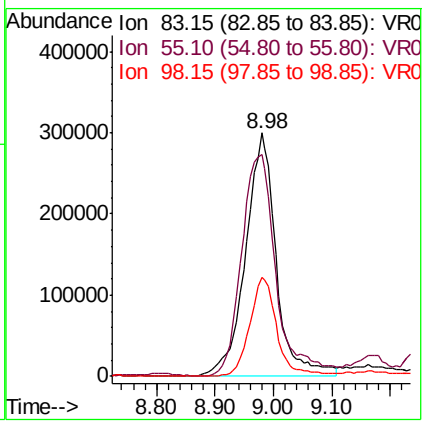


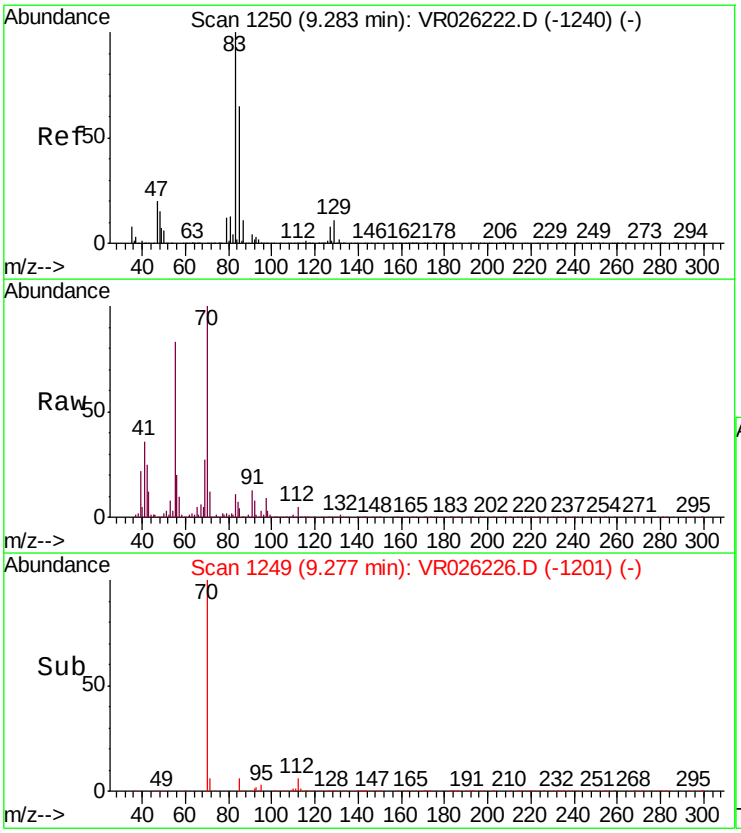
#35
Methylcyclohexane
Concen: 14.568 ug/L
RT: 8.98 min Scan# 1200
Delta R.T. 0.02 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion: 83 Resp: 1090834

Ion	Ratio	Lower	Upper
83	100		
55	102.4	67.9	101.9#
98	36.4	35.8	53.6

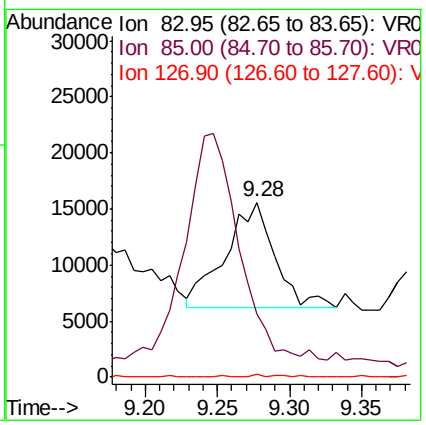


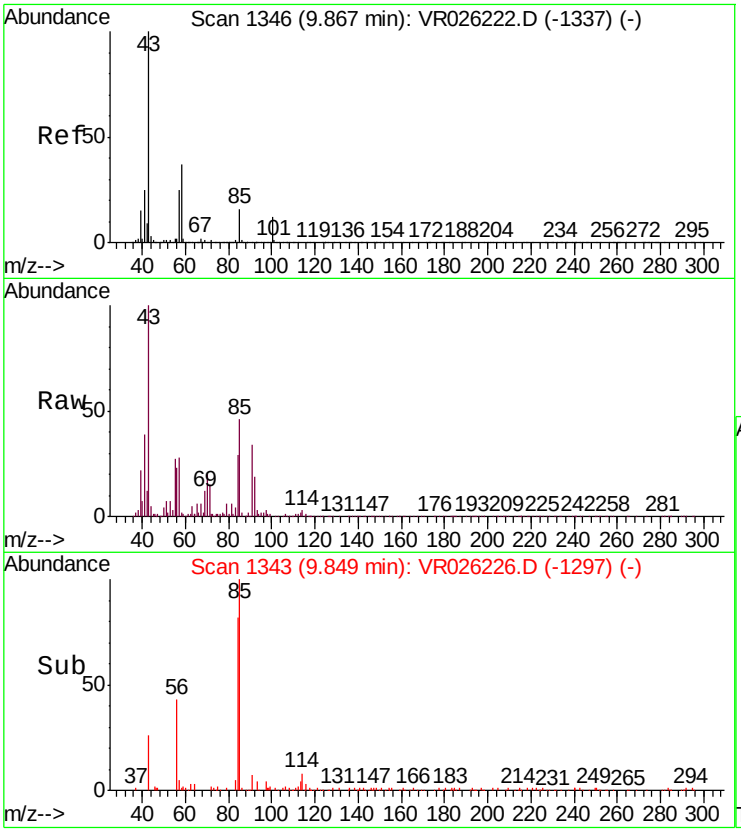


#38
Bromodichloromethane
Concen: 0.430 ug/L
RT: 9.28 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 83 Resp: 22771

Ion	Ratio	Lower	Upper
83	100		
85	36.0	44.4	82.4#
127	2.0	6.9	10.3#



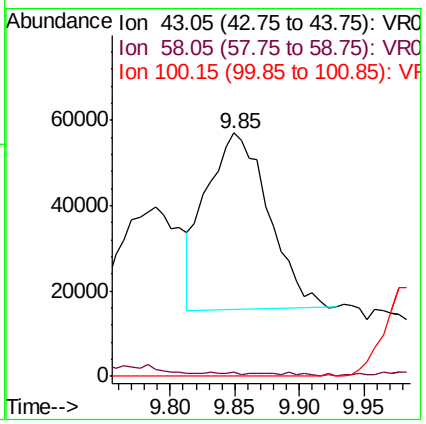


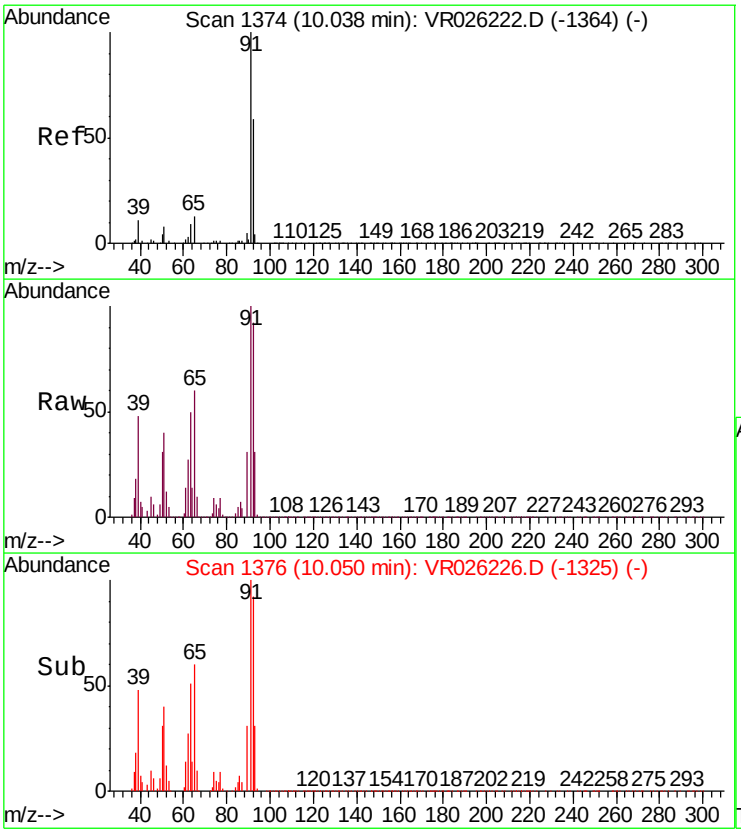
#40
4-Methyl-2-pentanone
Concen: 10.386 ug/L
RT: 9.85 min Scan# 1343
Delta R.T. -0.02 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument :
MSVOA_R
ClientSampleId :
E3YA7

Tgt Ion: 43 Resp: 139133

Ion	Ratio	Lower	Upper
43	100		
58	0.4	27.8	41.6#
100	0.0	9.4	14.2#

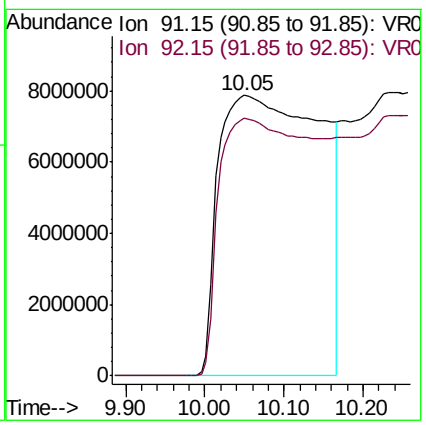


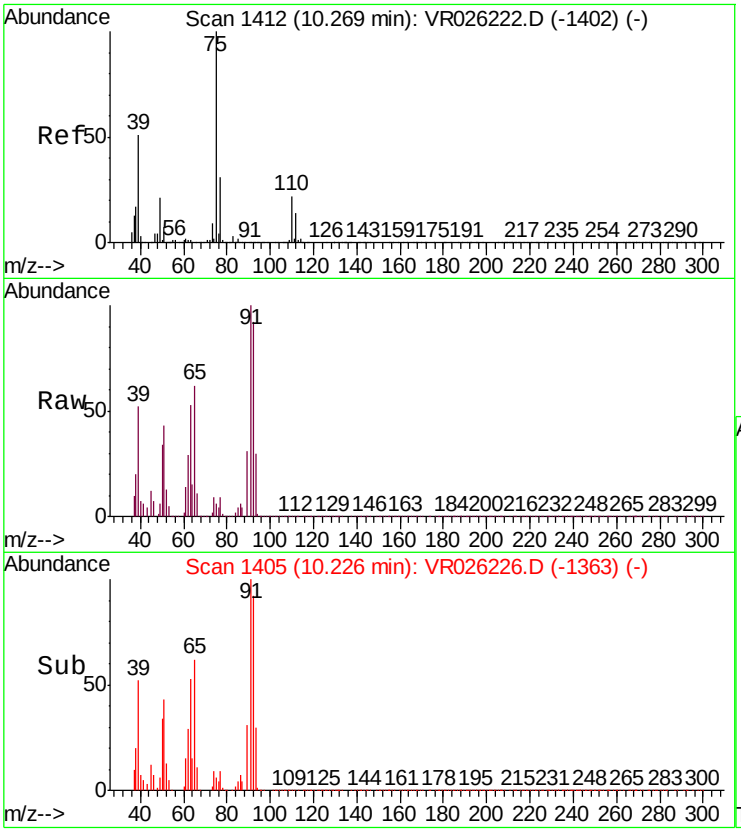


#42
Toluene
Concen: 299.310 ug/L
RT: 10.05 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 91 Resp:70478478

Ion	Ratio	Lower	Upper
91	100		
92	92.0	41.4	76.8#



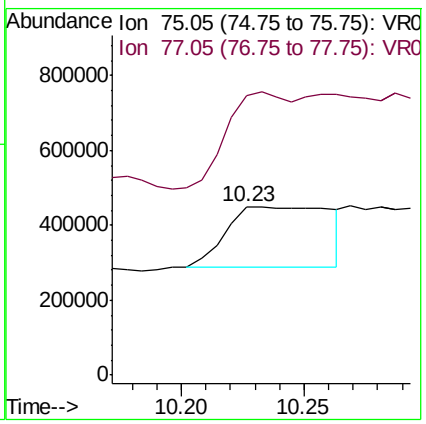


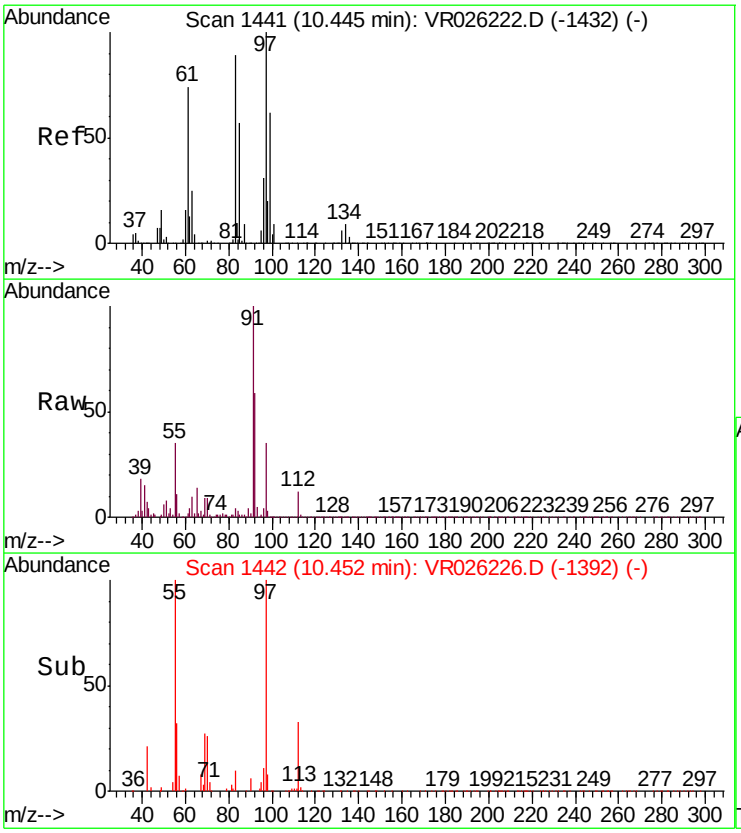
#44
trans-1,3-Dichloropropene
Concen: 13.025 ug/L
RT: 10.23 min Scan# 1405
Delta R.T. -0.04 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument :
MSVOA_R
ClientSampleId :
E3YA7

Tgt Ion: 75 Resp: 465658

Ion	Ratio	Lower	Upper
75	100		
77	166.0	23.7	44.1#

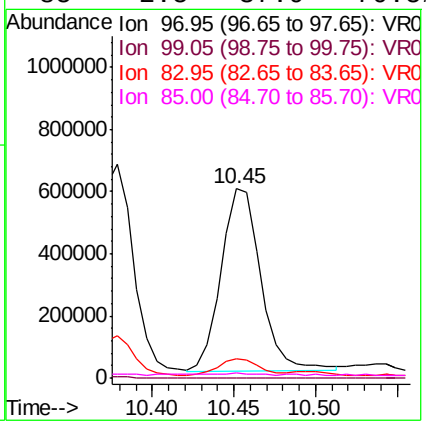


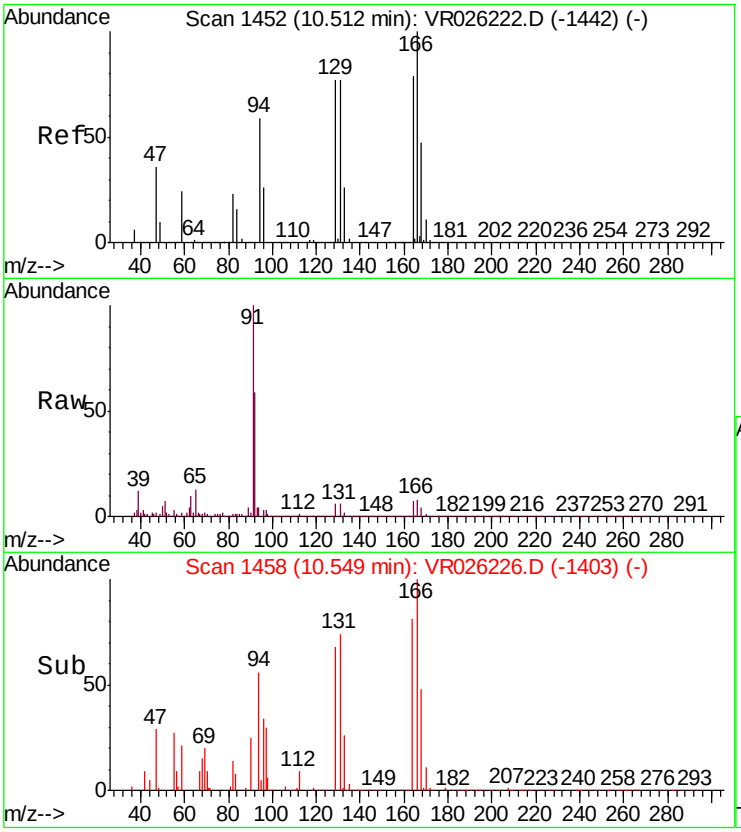


#45
1,1,2-Trichloroethane
Concen: 48.953 ug/L
RT: 10.45 min Scan# 1442
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 97 Resp: 1001770

Ion	Ratio	Lower	Upper
97	100		
99	0.3	43.0	80.0#
83	10.5	61.0	113.2#
85	2.5	37.9	70.5#



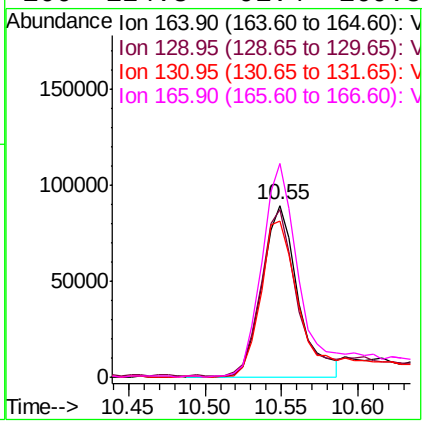


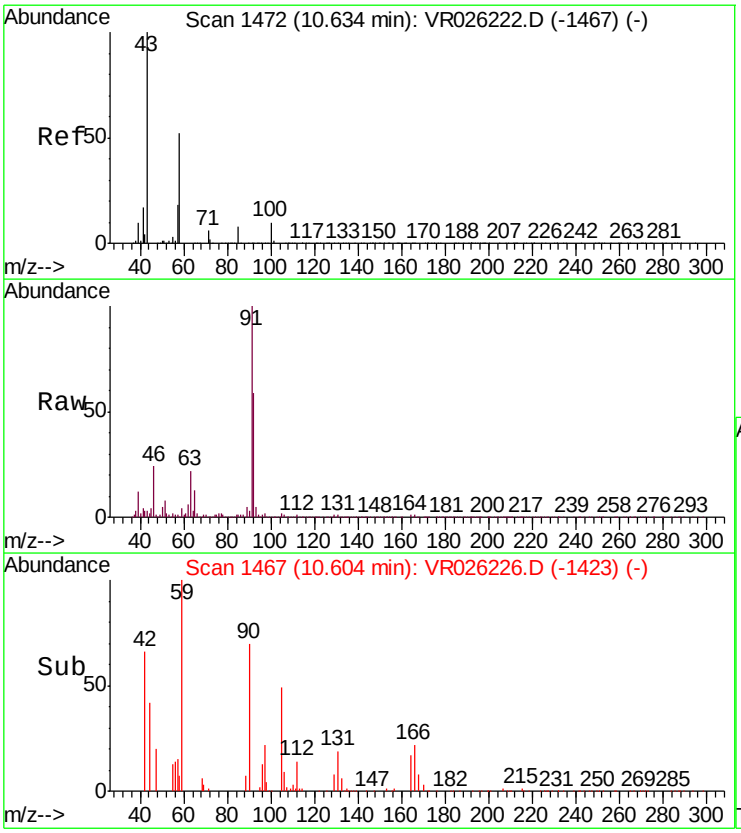
#47
Tetrachloroethene
Concen: 3.749 ug/L
RT: 10.55 min Scan# 1458
Delta R.T. 0.04 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion:164 Resp: 147474

Ion	Ratio	Lower	Upper
164	100		
129	98.0	72.3	134.3
131	90.9	73.4	136.2
166	124.3	91.4	169.8

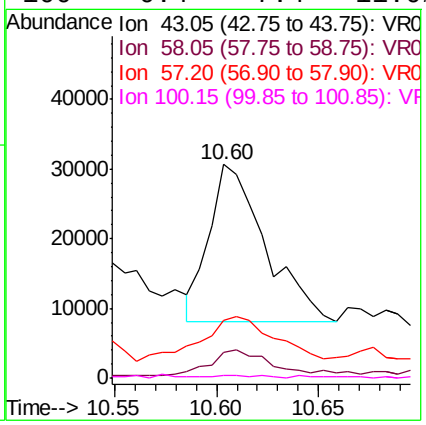


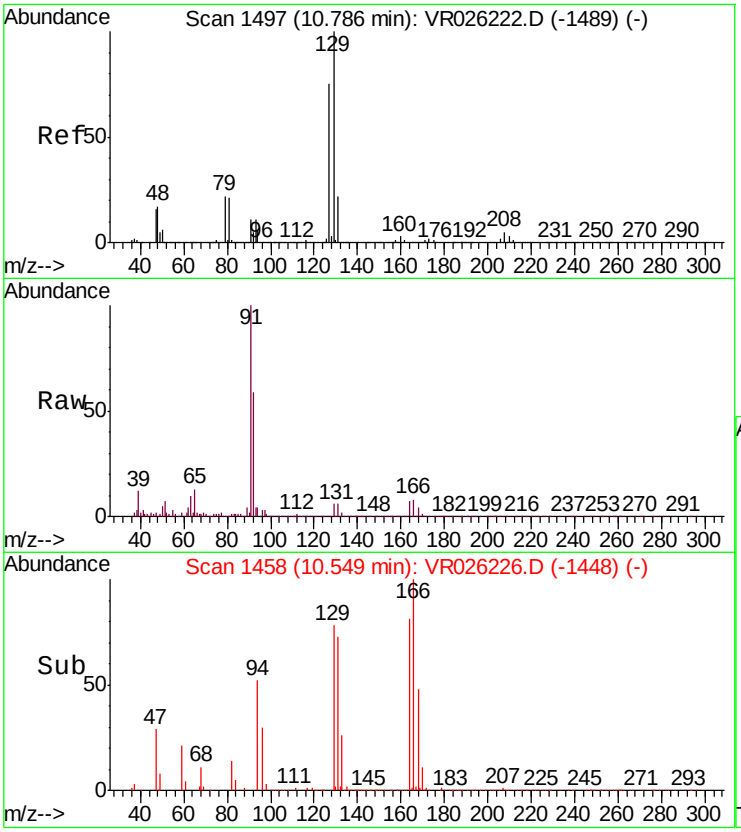


#48
2-Hexanone
Concen: 4.759 ug/L
RT: 10.60 min Scan# 1467
Delta R.T. -0.03 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 43 Resp: 42993

Ion	Ratio	Lower	Upper
43	100		
58	17.3	40.0	60.0#
57	36.8	14.6	21.8#
100	0.4	7.4	11.0#



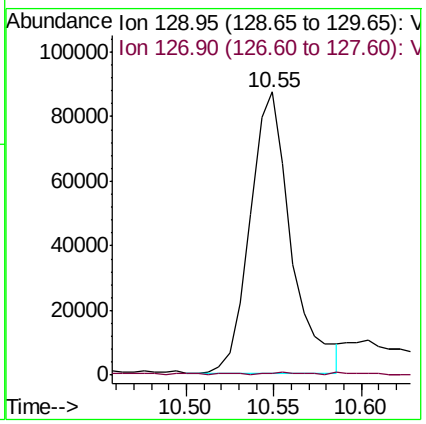


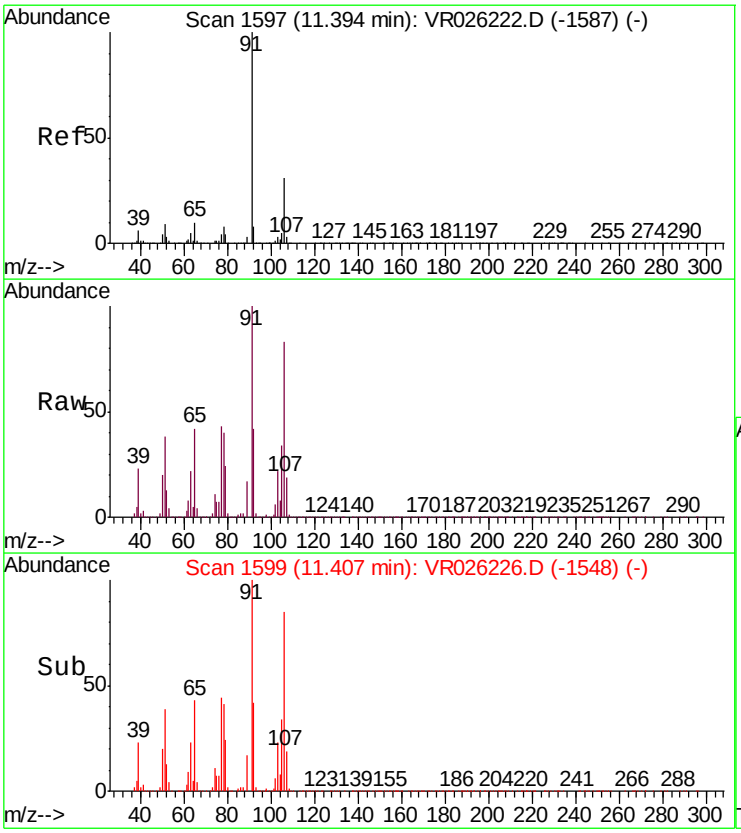
#49
Dibromochloromethane
Concen: 5.932 ug/L
RT: 10.55 min Scan# 1458
Delta R.T. -0.24 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion:129 Resp: 143775

Ion	Ratio	Lower	Upper
129	100		
127	0.5	54.7	101.7#

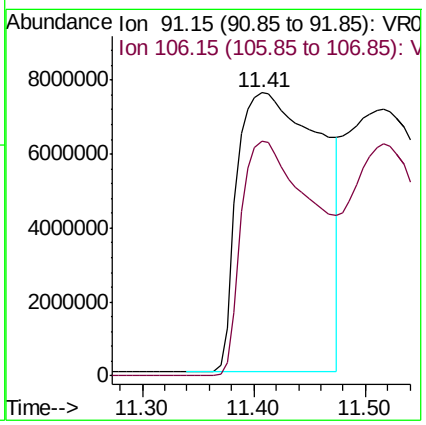


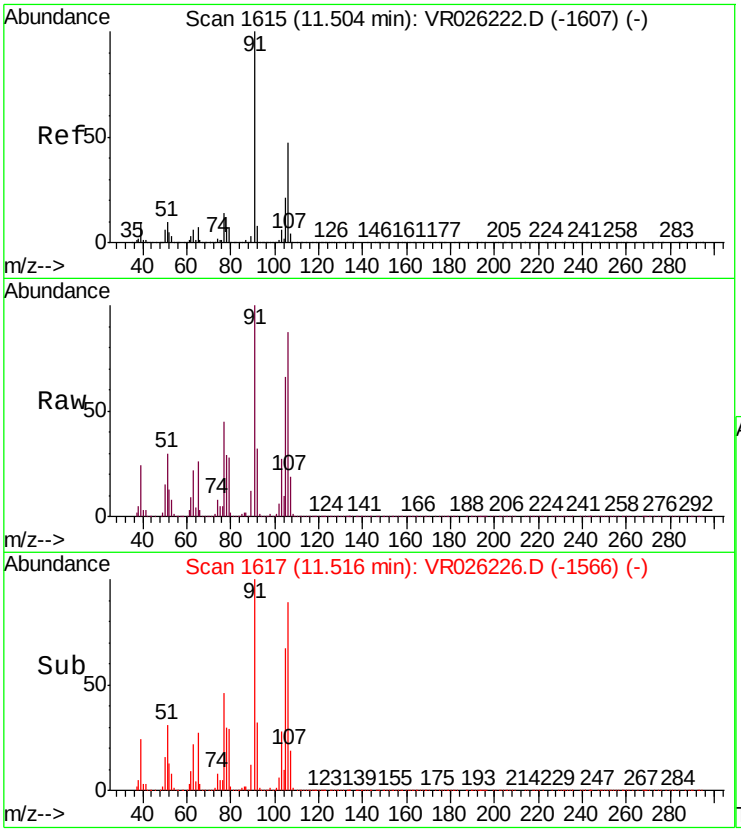


#52
Ethylbenzene
Concen: 148.792 ug/L
RT: 11.41 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 91 Resp:39740079

Ion	Ratio	Lower	Upper
91	100		
106	82.8	21.5	39.9#



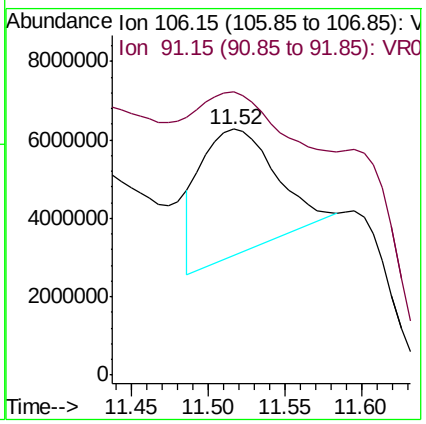


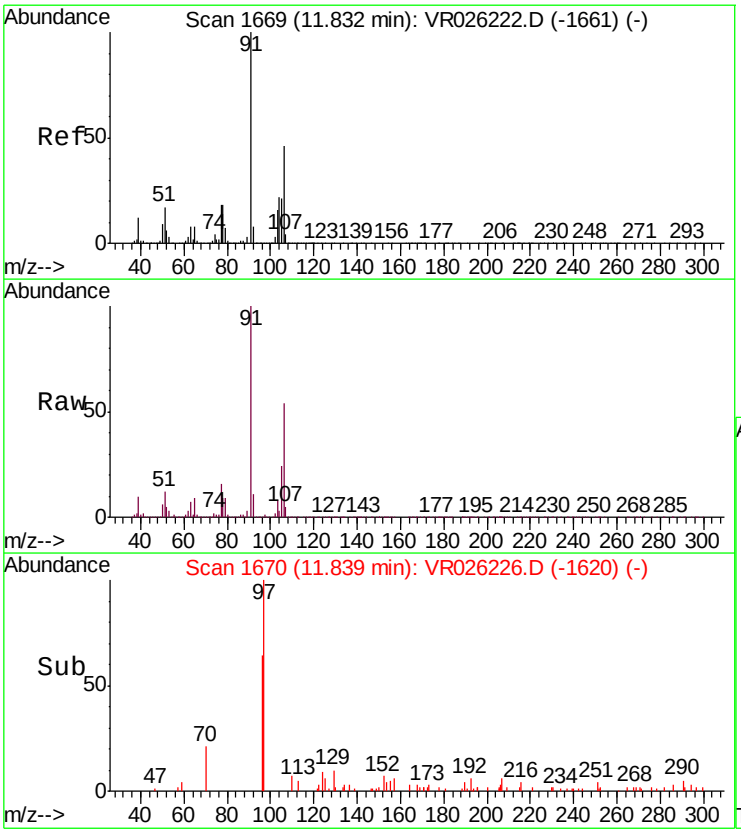
#53
m,p-Xylene
Concen: 112.225 ug/L
RT: 11.52 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument : MSVOA_R
ClientSampleId : E3YA7

Tgt Ion:106 Resp:10879727

Ion	Ratio	Lower	Upper
106	100		
91	115.1	153.9	285.9#

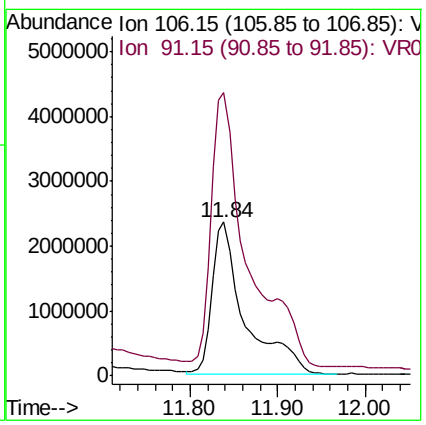


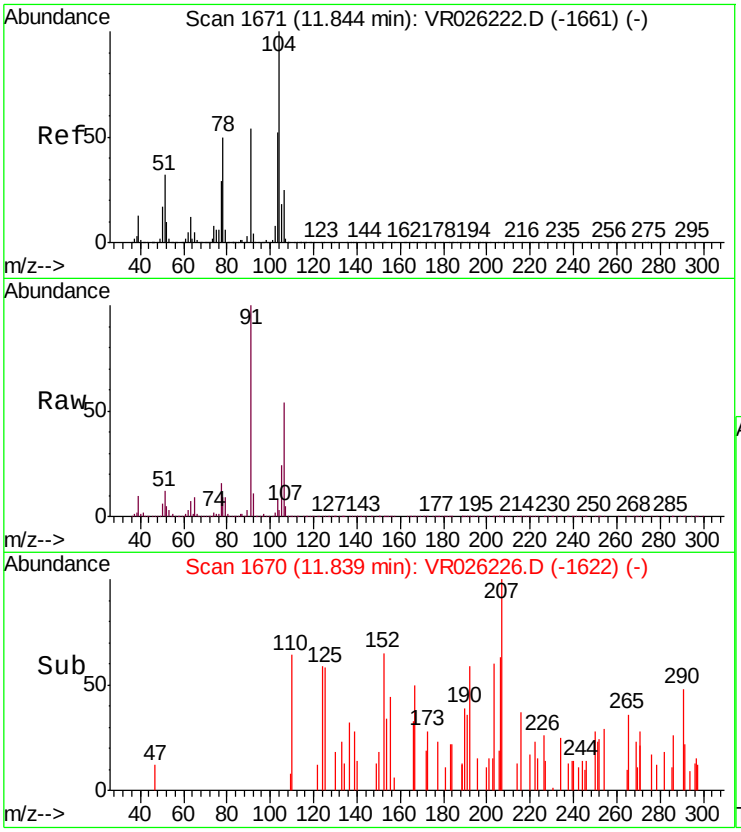


#54
o-Xylene
Concen: 67.995 ug/L
RT: 11.84 min Scan# 1670
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion:106 Resp: 6015489

Ion	Ratio	Lower	Upper
106	100		
91	184.3	159.5	296.1



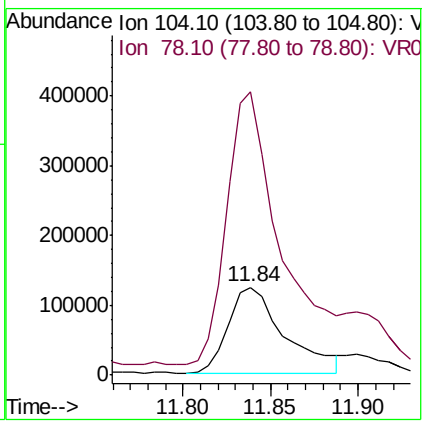


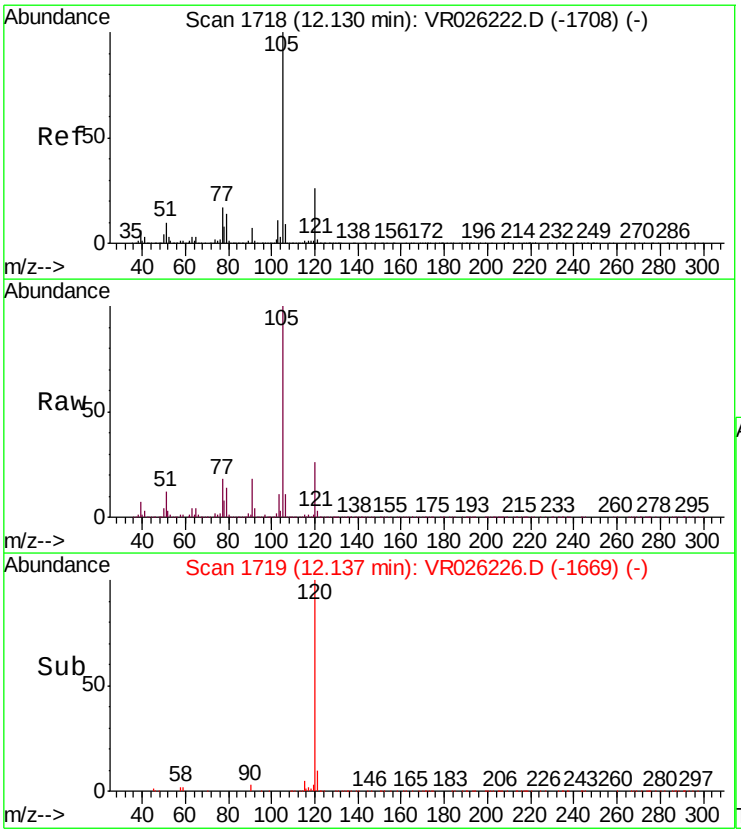
#55
Styrene
Concen: 1.999 ug/L
RT: 11.84 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument :
MSVOA_R
ClientSampleId :
E3YA7

Tgt Ion:104 Resp: 274976

Ion	Ratio	Lower	Upper
104	100		
78	322.5	36.8	68.3#

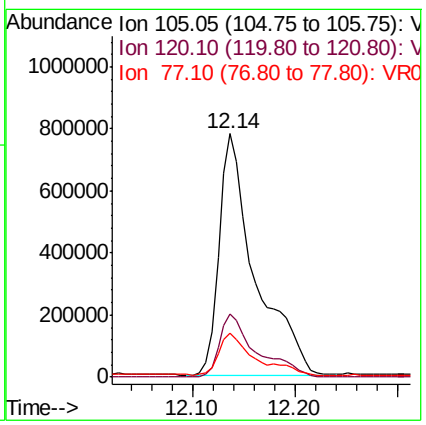


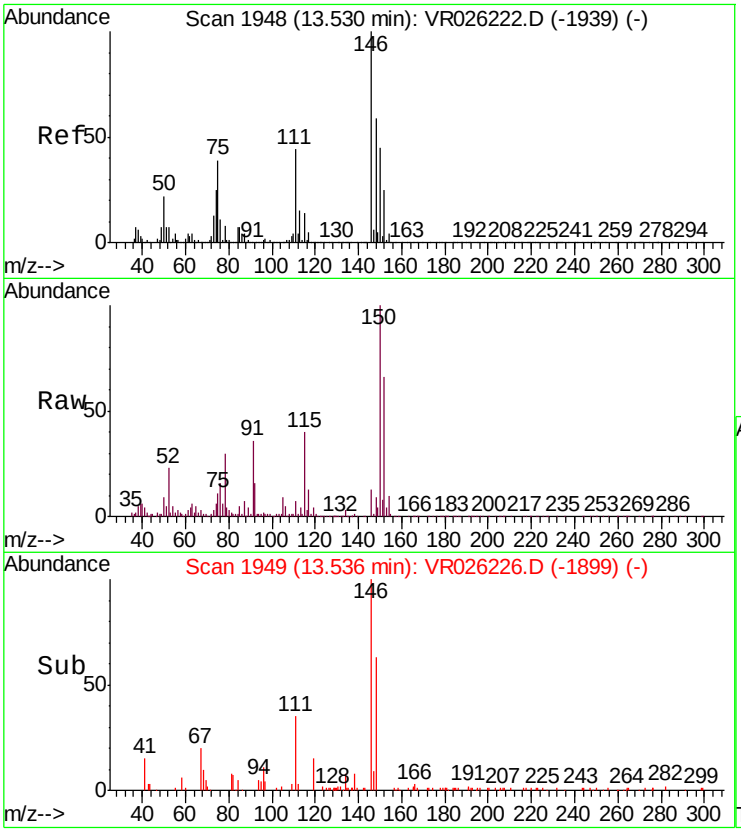


#56
Isopropylbenzene
Concen: 7.983 ug/L
RT: 12.14 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion:105 Resp: 1907190

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.4	30.6
77	17.4	14.3	21.5



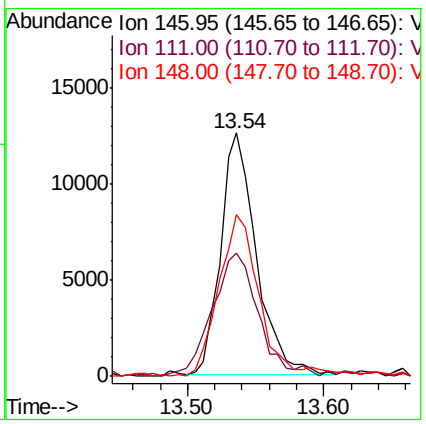


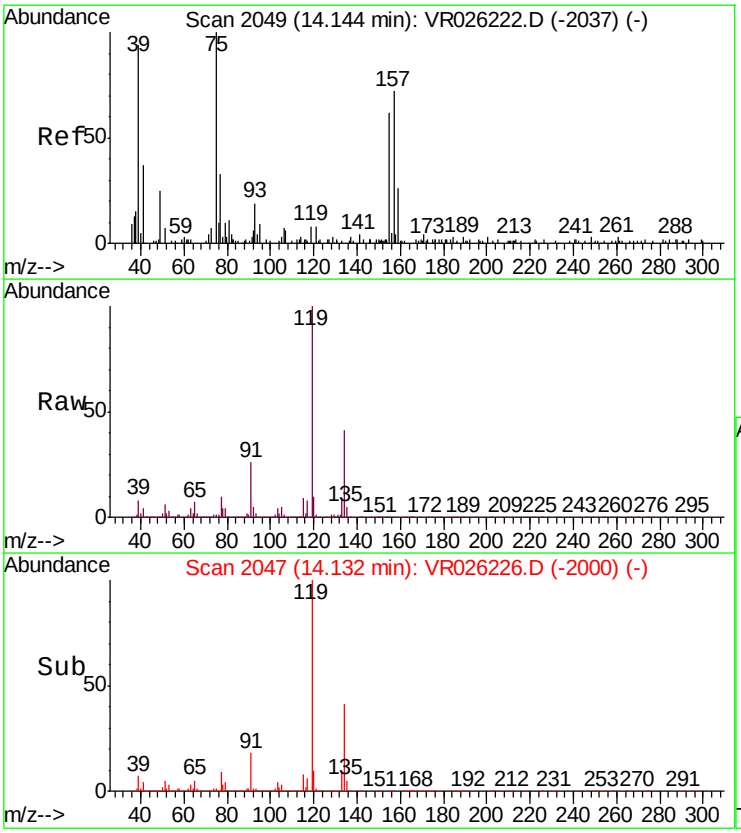
#65
1,2-Dichlorobenzene
Concen: 0.276 ug/L
RT: 13.54 min Scan# 1949
Delta R.T. 0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument :
MSVOA_R
ClientSampleId :
E3YA7

Tgt Ion:146 Resp: 22900

Ion	Ratio	Lower	Upper
146	100		
111	50.5	35.0	52.6
148	66.4	51.6	77.4

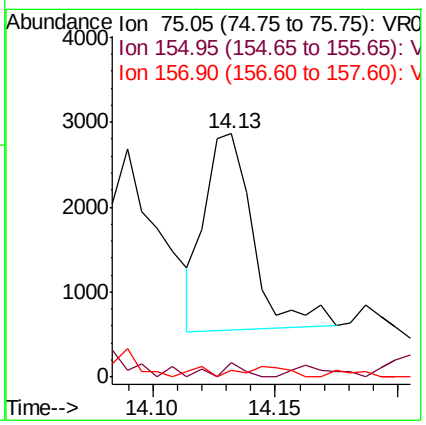


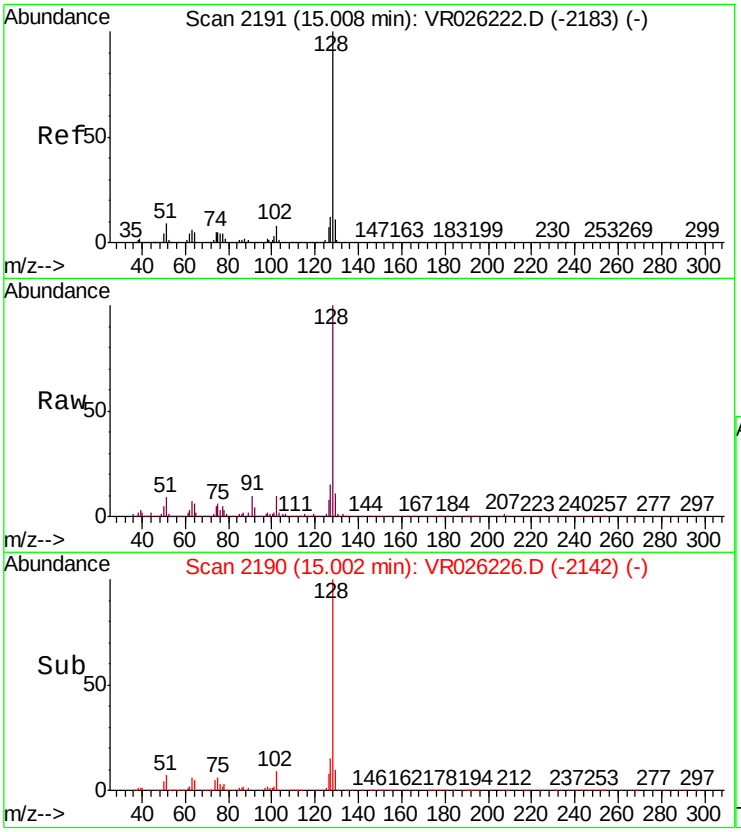


#66
1,2-Dibromo-3-chloropropane
Concen: 1.021 ug/L
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Tgt Ion: 75 Resp: 3139

Ion	Ratio	Lower	Upper
75	100		
155	6.2	37.8	56.6#
157	2.8	34.6	51.8#





#69
Naphthalene
Concen: 4.556 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.01 min
Lab File: VR026226.D
Acq: 19 Nov 2018 17:51

Instrument :
MSVOA_R
ClientSampleId :
E3YA7

Tgt Ion:128 Resp: 165014

Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.8	14.8
129	11.0	8.4	12.6