Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110718\

Quantitation Report (Not Reviewed)

Data File : VR026205.D
Acq On : 7 Nov 2018 15:36
Operator : SY/MD
Sample : J5801-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : F9D05

Quant Time: Nov 08 09:51:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	634888	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	563993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	247579	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	172938	3.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.20%			
7) Chloroethane-d5	2.63	69	185982	3.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.80%			
11) 1,1-Dichloroethene-d2	3.60	63	372443	2.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.60%#			
20) 2-Butanone-d5	6.59	46	254531	55.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.60%			
24) Chloroform-d	7.20	84	372808	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	7.90	65	166600	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	7.85	84	742756	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	8.89	67	197355	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.40%			
41) Toluene-d8	9.97	98	644577	3.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%			
43) trans-1,3-Dichloropropene-	10.24	79	43874	3.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.60%			
46) 2-Hexanone-d5	10.59	63	192022	54.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.36%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89069	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	13.52	152	188271	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			

Target Compounds						Qvalue
13) Acetone	3.72	43	43917	9.313	ug/L	76
15) Methyl Acetate	3.94	43	41683	3.384	ug/L #	51
17) Methyl tert-butyl Ether	4.89	73	36185	0.646	ug/L #	1
18) trans-1,2-Dichloroethene	4.89	96	12573	0.269	ug/L #	81
22) cis-1,2-Dichloroethene	6.67	96	62058	1.405	ug/L #	90
30) Cyclohexane	7.52	56	577868	7.470	ug/L	98
33) Benzene	7.90	78	672399	3.177	ug/L	100
35) Methylcyclohexane	8.96	83	458174	5.682	ug/L	96
37) 1,2-Dichloropropane	8.96	63	4868	0.109	ug/L	99
42) Toluene	10.04	91	71345	0.319	ug/L	100
44) trans-1,3-Dichloropropene	10.23	75	3381	0.095	ug/L	97
45) 1,1,2-Trichloroethane	10.42	97	13282	0.705	ug/L #	20
48) 2-Hexanone	10.59	43	29548	3.318	ug/L #	68
51) Chlorobenzene	11.32	112	4378071	35.408	ug/L	95
52) Ethylbenzene	11.39	91	5704431	22.210	ug/L	88
53) m,p-Xylene	11.50	106	3168927	33.863	ug/L	87
54) o-Xylene	11.83	106	537604	6.266	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110718\

Quantitation Report (Not Reviewed)

Data File : VR026205.D
Acq On : 7 Nov 2018 15:36
Operator : SY/MD
Sample : J5801-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : F9D05

Quant Time: Nov 08 09:51:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Styrene	11.83	104	31537	0.239	ug/L	#	1
56) Isopropylbenzene	12.13	105	452138	1.897	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	40942	0.498	ug/L		94
63) 1,4-Dichlorobenzene	13.24	146	164097	1.926	ug/L		95
65) 1,2-Dichlorobenzene	13.53	146	452173	6.850	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.15	75	21060	7.831	ug/L	#	17
69) Naphthalene	15.00	128	7074842	249.075	ug/L		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110718\

Quantitation Report (Not Reviewed)

Data File : VR026205.D
Acq On : 7 Nov 2018 15:36
Operator : SY/MD
Sample : J5801-06
Misc : 25mL/MSVOA_R/WATER
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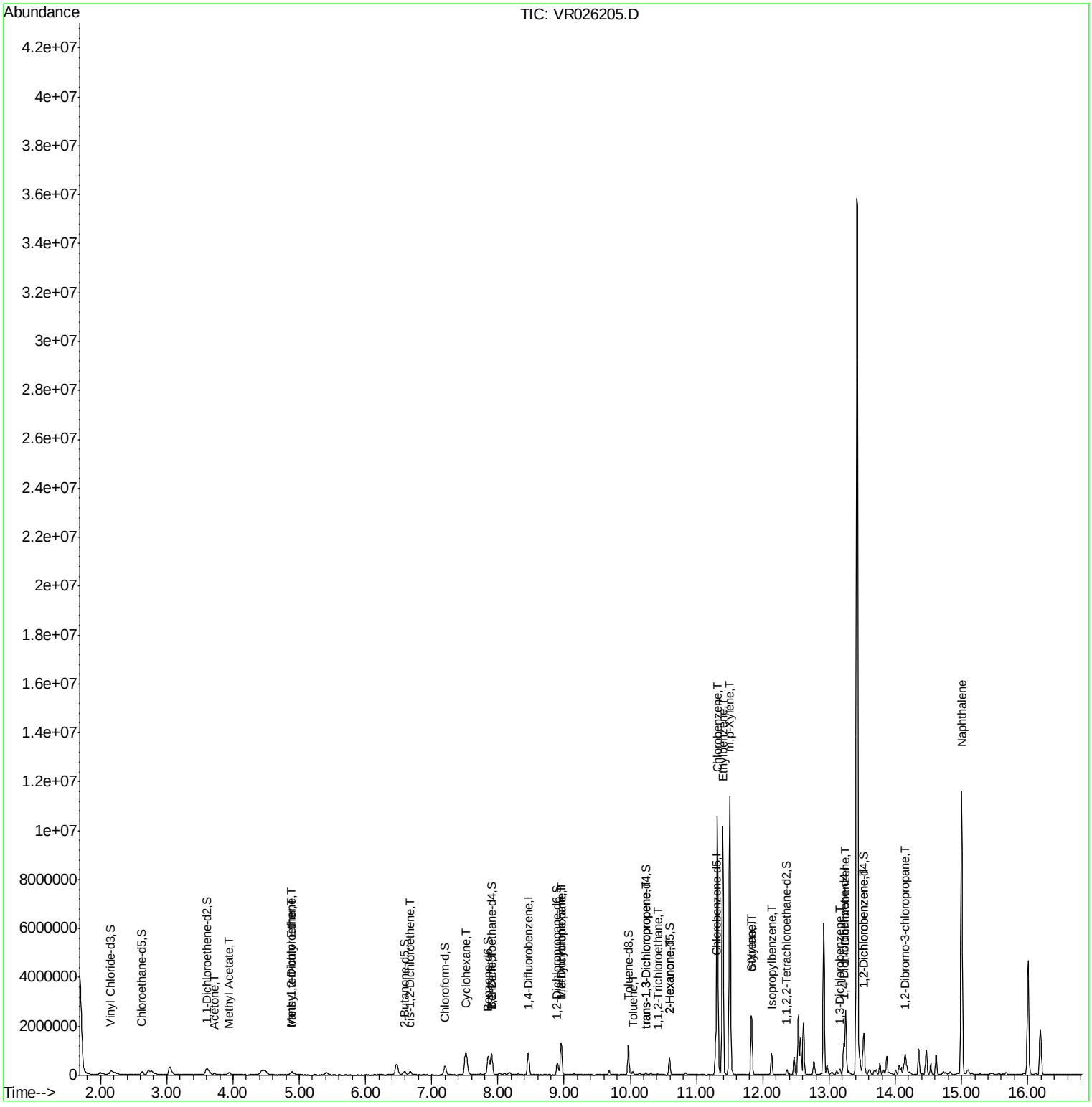
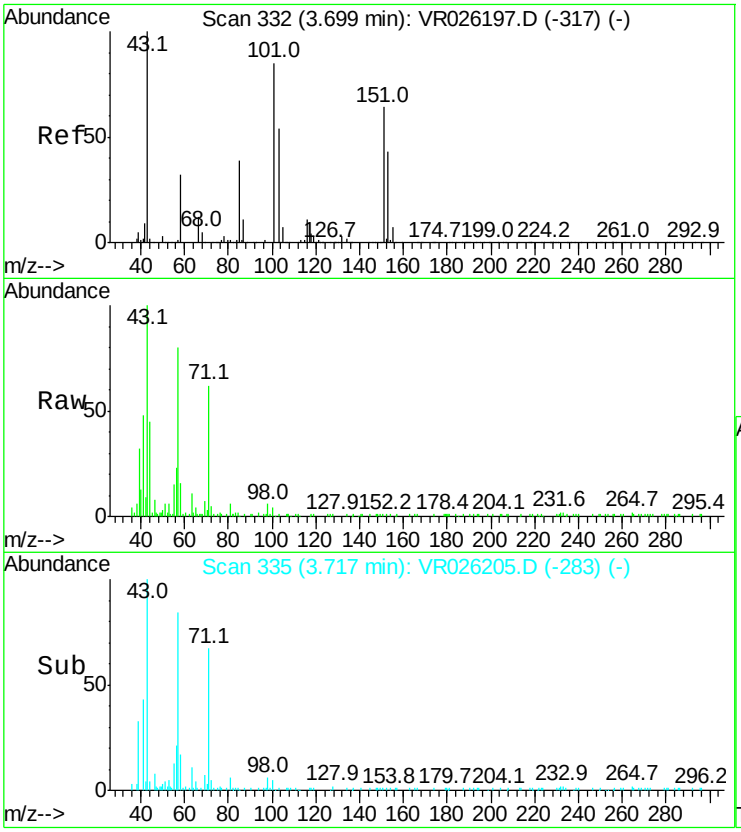
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration



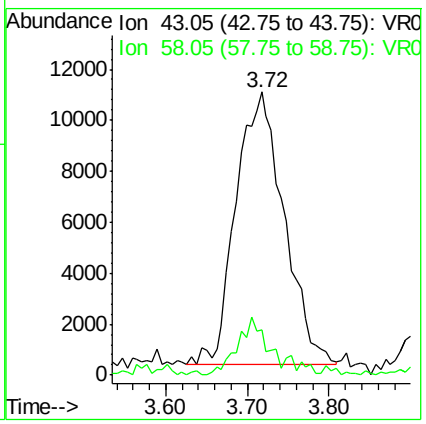


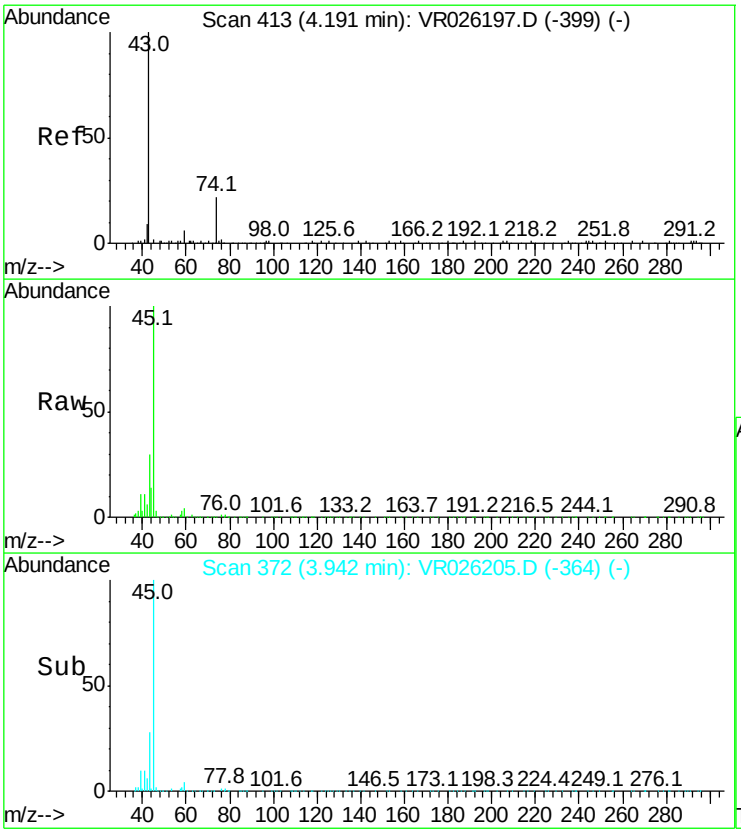
#13
Acetone
Concen: 9.313 ug/L
RT: 3.72 min Scan# 335
Delta R.T. 0.02 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument : MSVOA_R
ClientSampleId : F9D05

Tgt Ion: 43 Resp: 43917

Ion	Ratio	Lower	Upper
43	100		
58	15.1	0.0	55.4

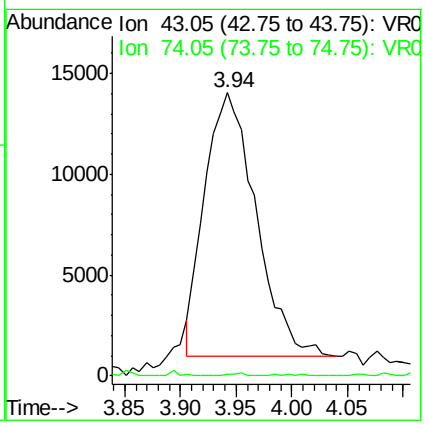


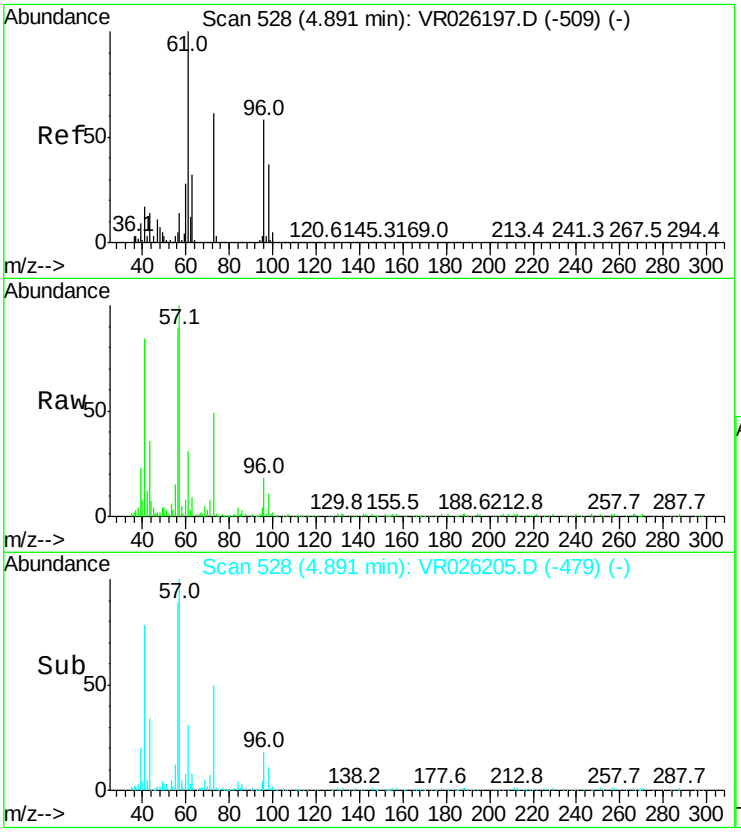


#15
Methyl Acetate
Concen: 3.384 ug/L
RT: 3.94 min Scan# 372
Delta R.T. -0.25 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion: 43 Resp: 41683

Ion	Ratio	Lower	Upper
43	100		
74	0.3	19.8	29.8#



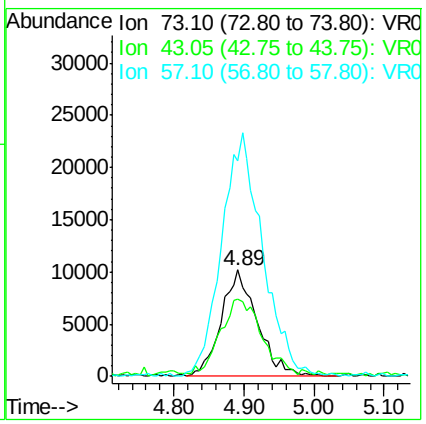


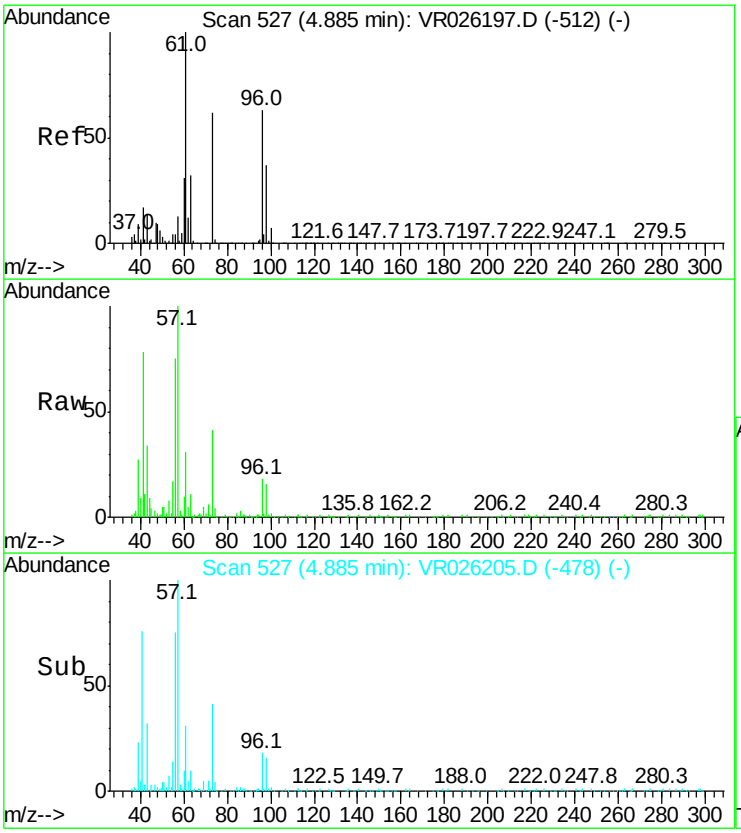
#17
Methyl tert-butyl Ether
Concen: 0.646 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument : MSVOA_R
ClientSampleId : F9D05

Tgt Ion: 73 Resp: 36185

Ion	Ratio	Lower	Upper
73	100		
43	80.8	20.1	30.1#
57	261.1	19.0	28.4#

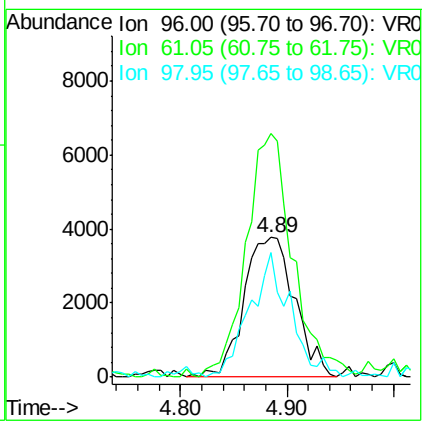


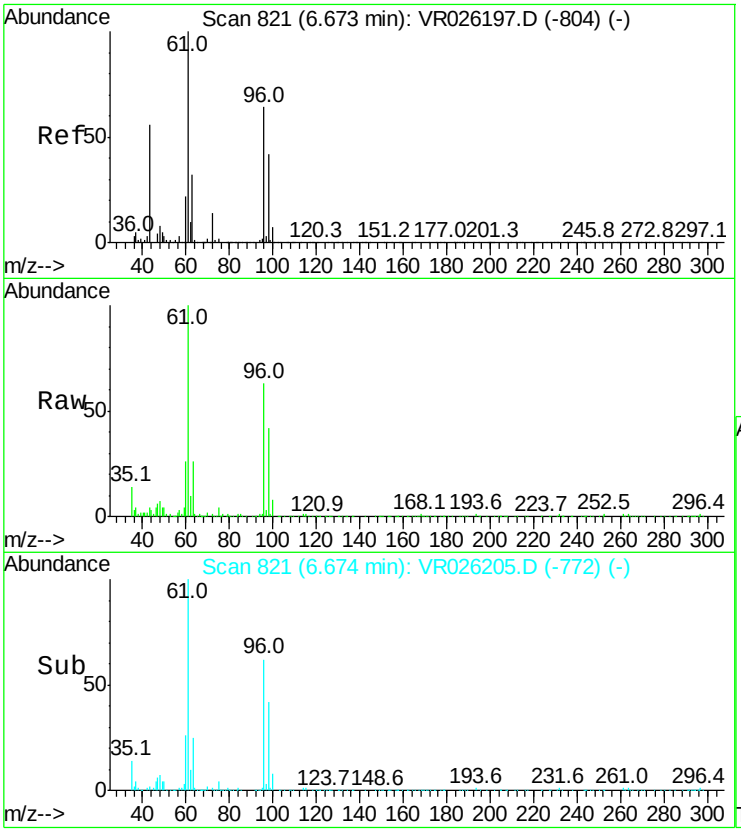


#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 4.89 min Scan# 527
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion: 96 Resp: 12573

Ion	Ratio	Lower	Upper
96	100		
61	174.4	111.4	206.8
98	89.0	41.4	77.0#



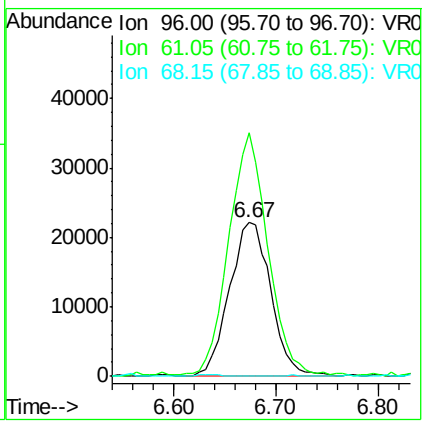


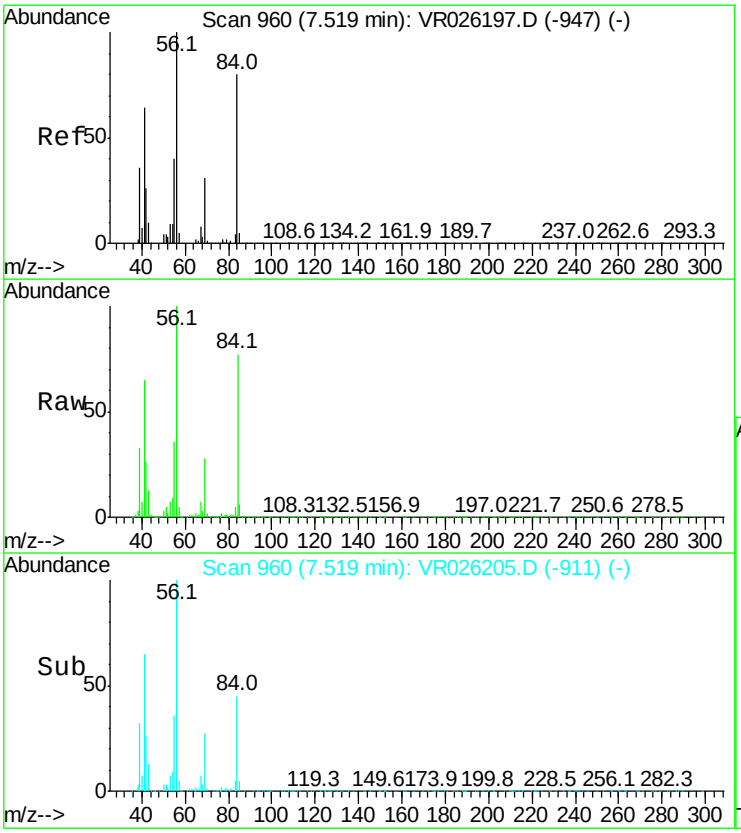
#22
cis-1,2-Dichloroethene
Concen: 1.405 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument : MSVOA_R
ClientSampleId : F9D05

Tgt Ion: 96 Resp: 62058

Ion	Ratio	Lower	Upper
96	100		
61	158.4	101.8	189.0
68	0.5	0.1	0.3#

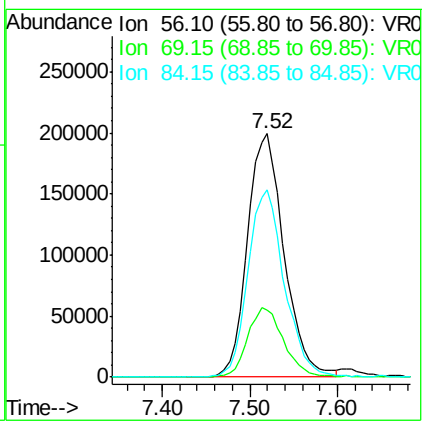


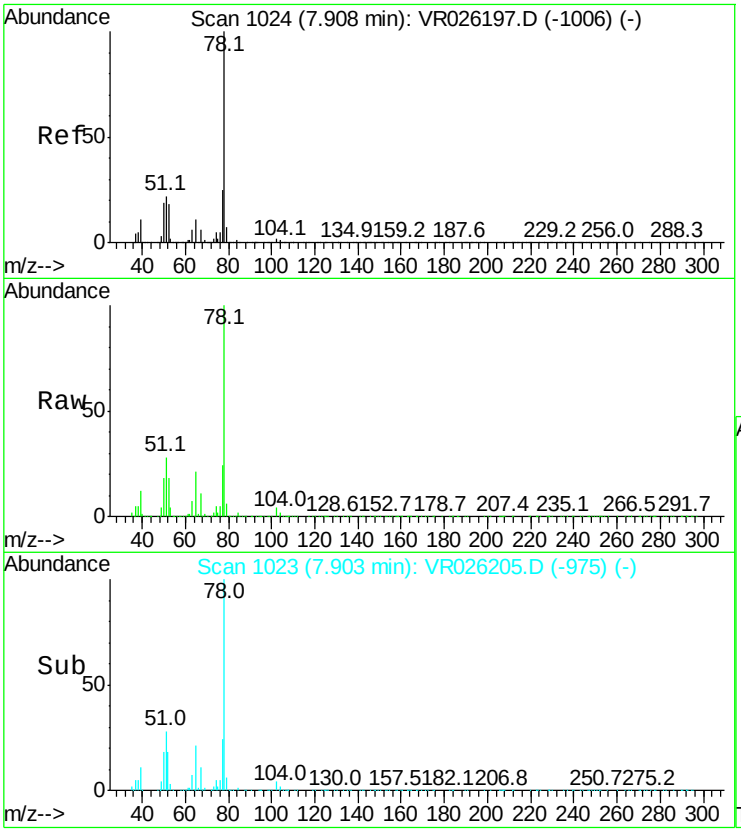


#30
Cyclohexane
Concen: 7.470 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion: 56 Resp: 577868

Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.8	35.8
84	76.6	62.2	93.4

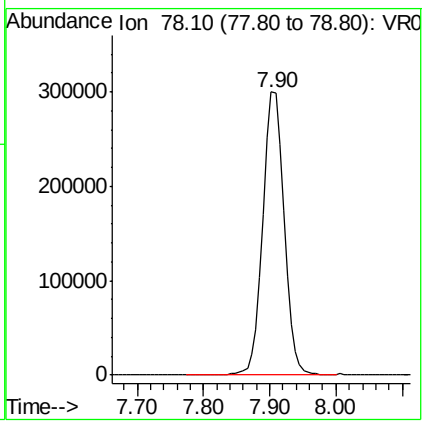


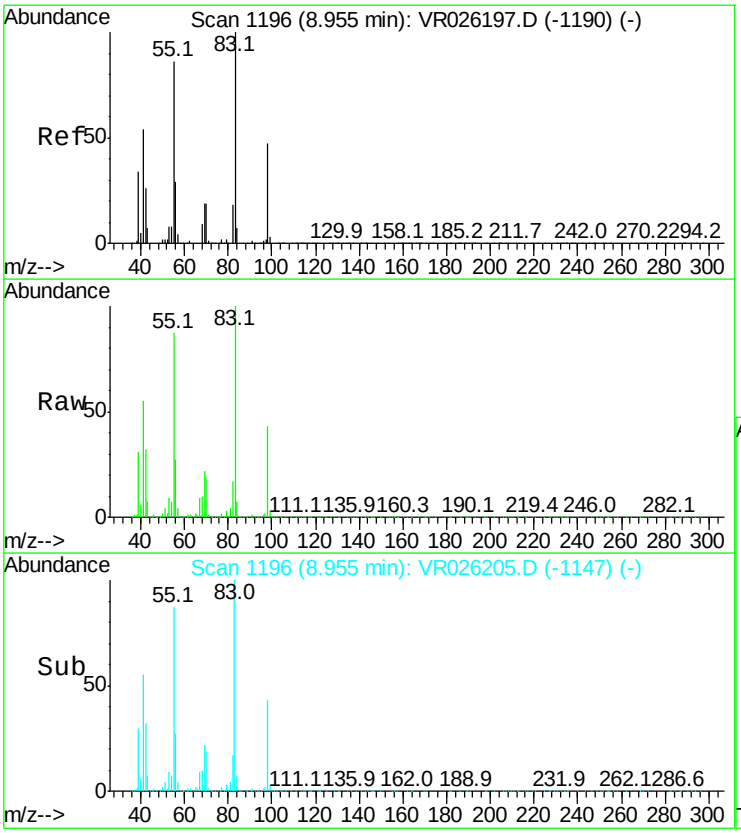


#33
Benzene
Concen: 3.177 ug/L
RT: 7.90 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument :
MSVOA_R
ClientSampleId :
F9D05

Tgt Ion: 78 Resp: 672399

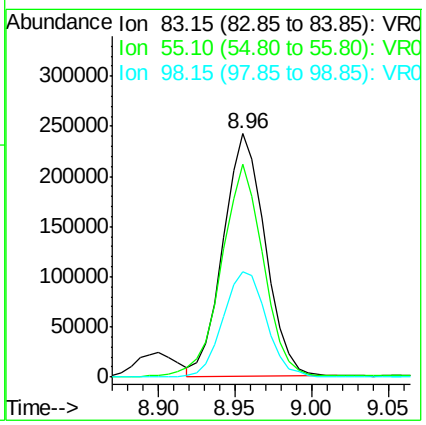


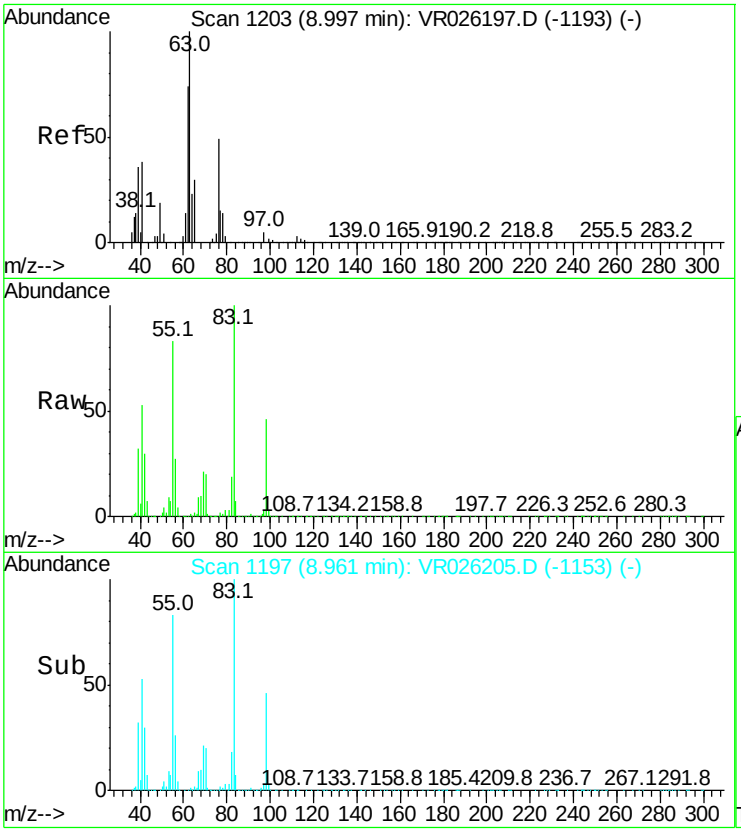


#35
Methylcyclohexane
Concen: 5.682 ug/L
RT: 8.96 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion: 83 Resp: 458174

Ion	Ratio	Lower	Upper
83	100		
55	88.7	66.8	100.2
98	45.3	35.2	52.8



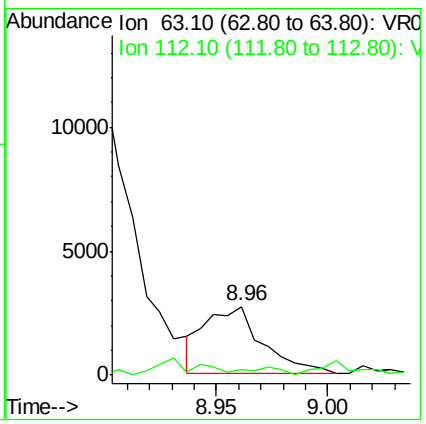


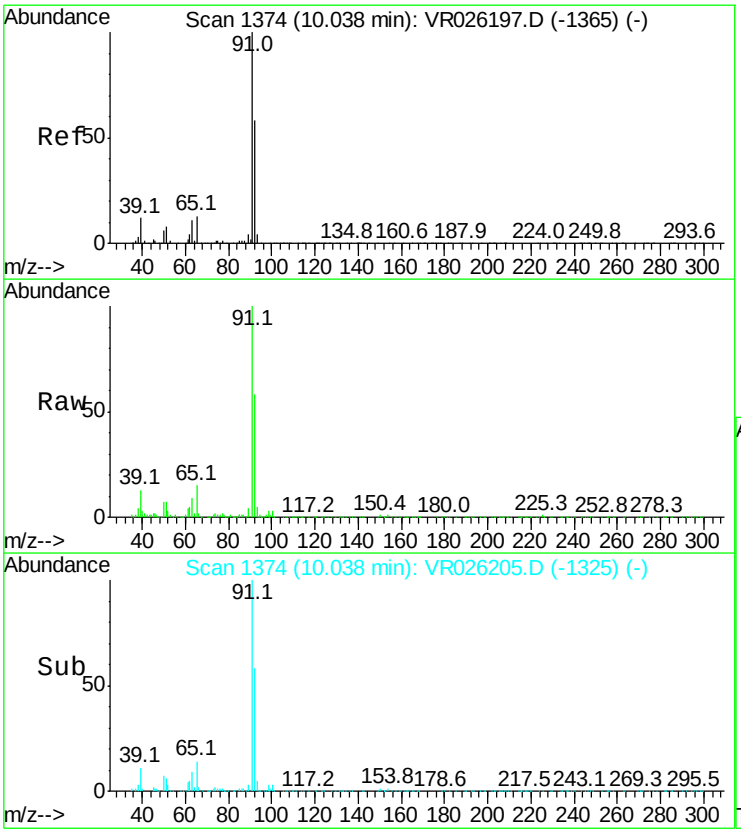
#37
1,2-Dichloropropane
Concen: 0.109 ug/L
RT: 8.96 min Scan# 1197
Delta R.T. -0.03 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument : MSVOA_R
ClientSampleId : F9D05

Tgt Ion: 63 Resp: 4868

Ion	Ratio	Lower	Upper
63	100		
112	3.9	2.7	4.1

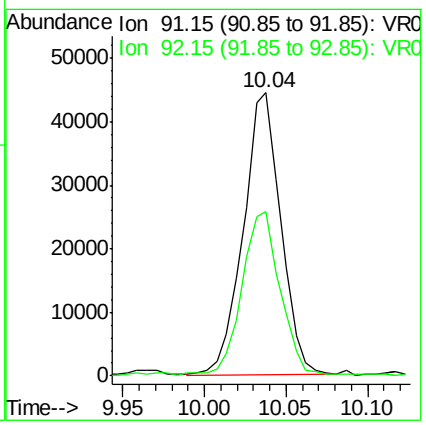


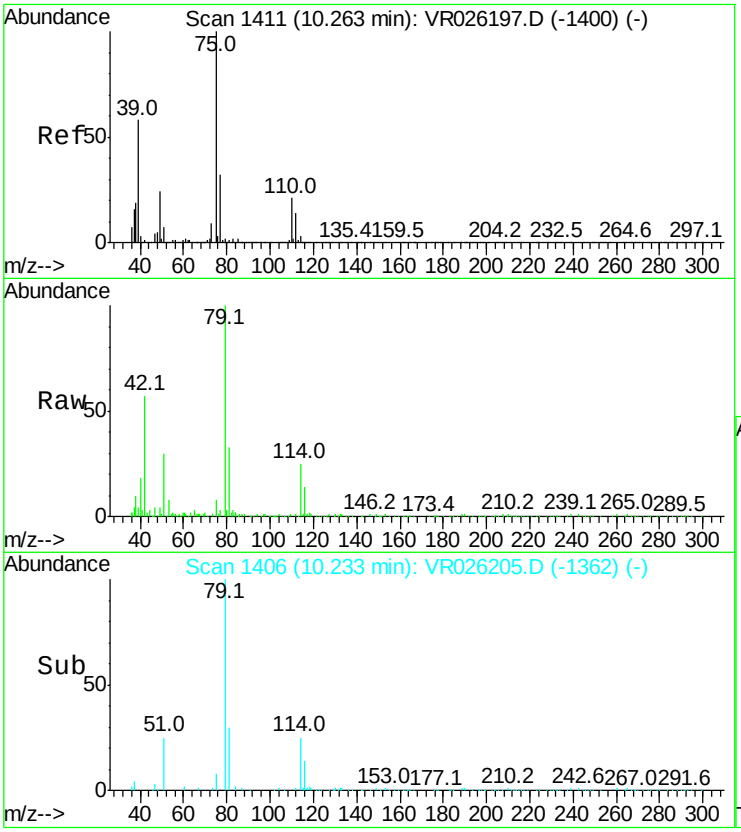


#42
Toluene
Concen: 0.319 ug/L
RT: 10.04 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion: 91 Resp: 71345

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.8	75.8



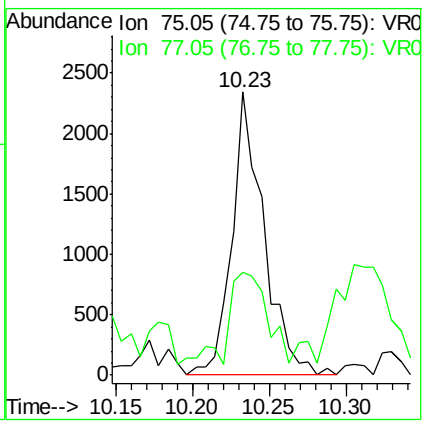


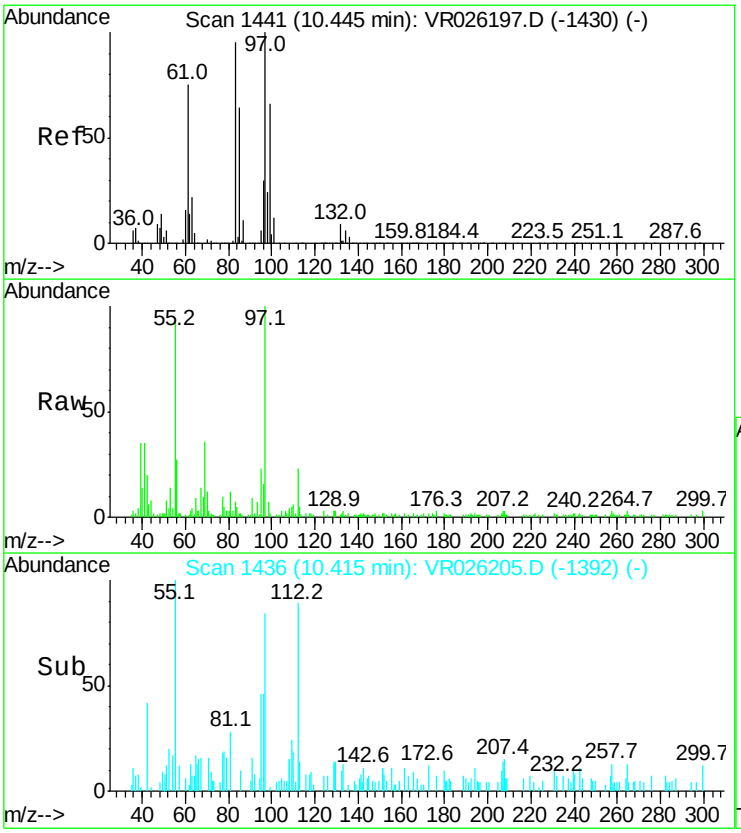
#44
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument :
MSVOA_R
ClientSampleId :
F9D05

Tgt Ion: 75 Resp: 3381

Ion	Ratio	Lower	Upper
75	100		
77	36.3	24.1	44.7

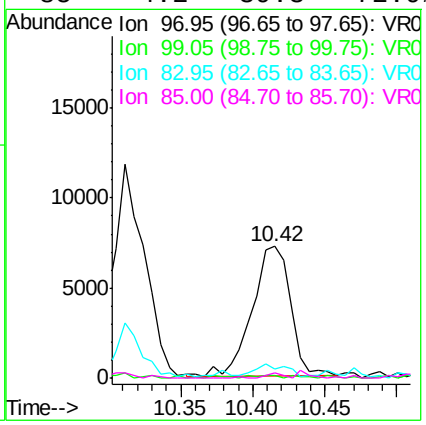


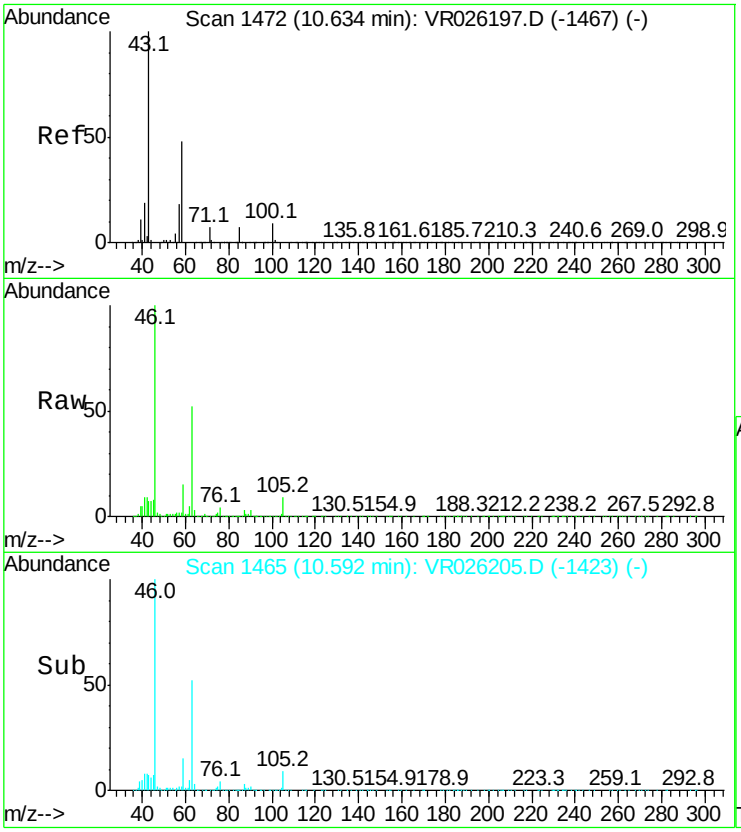


#45
1,1,2-Trichloroethane
Concen: 0.705 ug/L
RT: 10.42 min Scan# 1436
Delta R.T. -0.03 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion: 97 Resp: 13282

Ion	Ratio	Lower	Upper
97	100		
99	2.2	42.8	79.4#
83	7.3	61.9	114.9#
85	4.2	39.3	72.9#



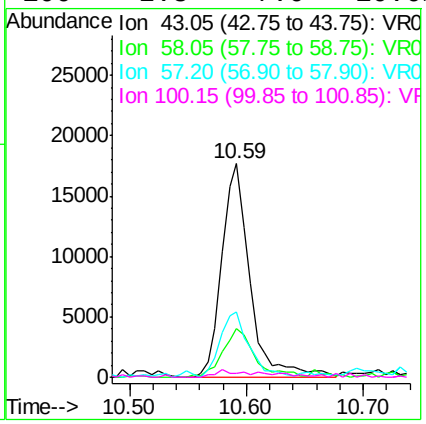


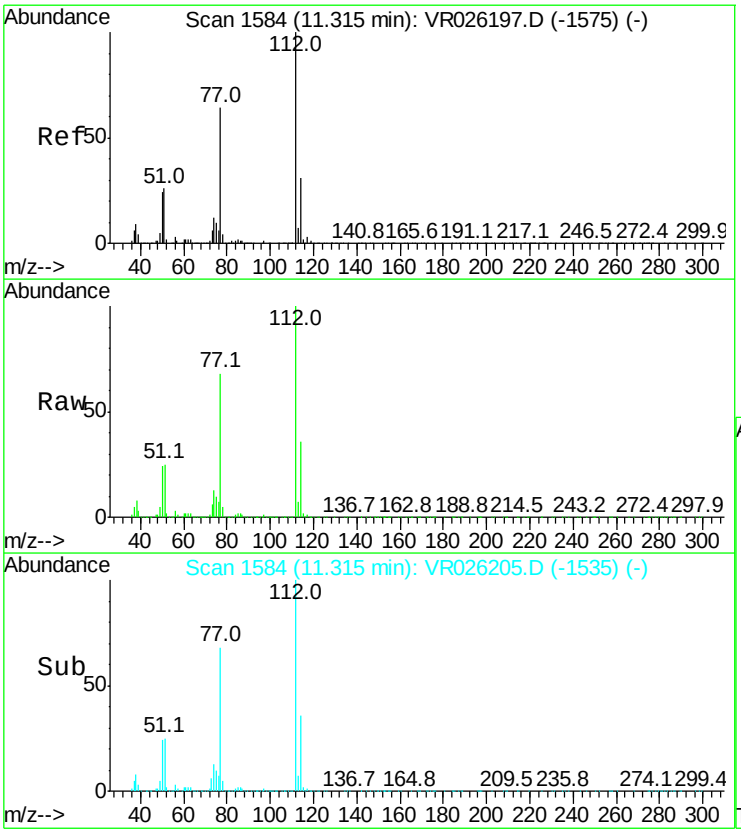
#48
2-Hexanone
Concen: 3.318 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument :
MSVOA_R
ClientSampleId :
F9D05

Tgt Ion: 43 Resp: 29548

Ion	Ratio	Lower	Upper
43	100		
58	25.6	39.6	59.4#
57	31.3	14.0	21.0#
100	2.8	7.0	10.6#

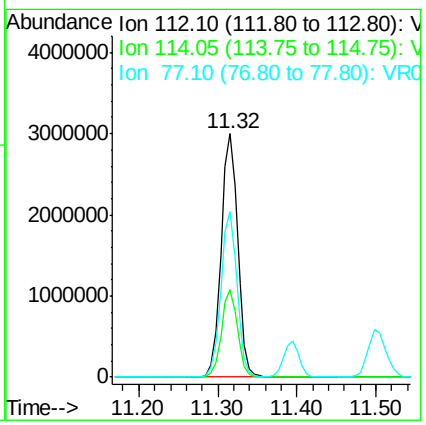


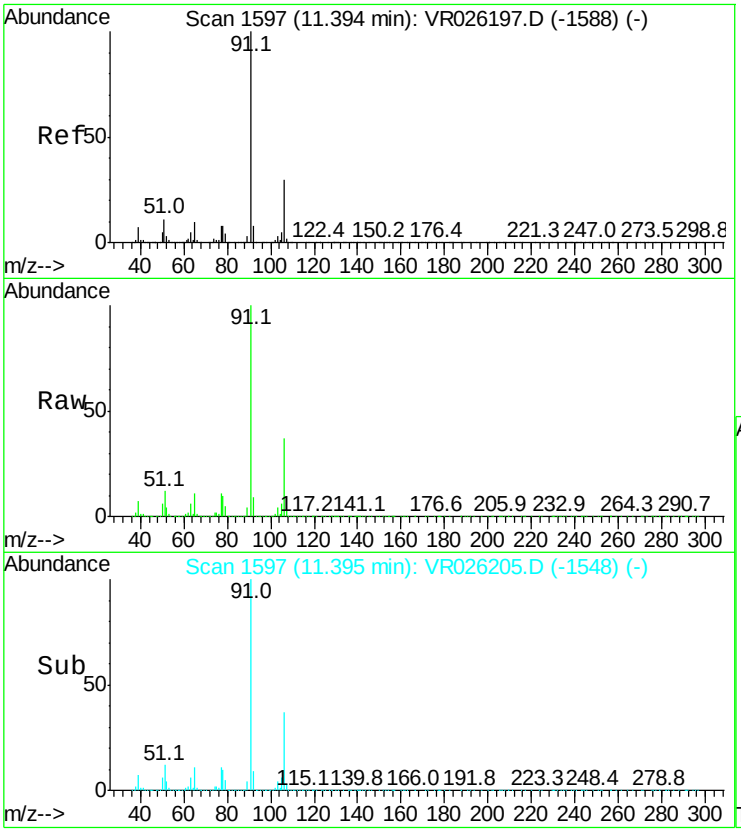


#51
Chlorobenzene
Concen: 35.408 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion:112 Resp: 4378071

Ion	Ratio	Lower	Upper
112	100		
114	35.7	22.8	42.4
77	67.7	51.5	77.3



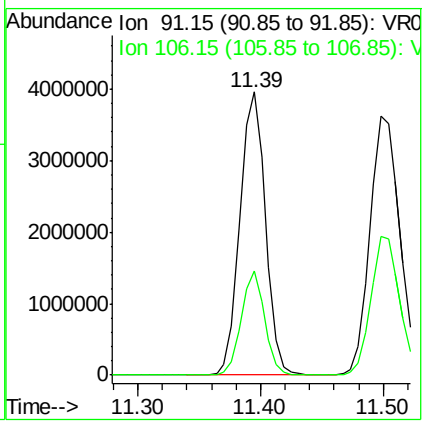


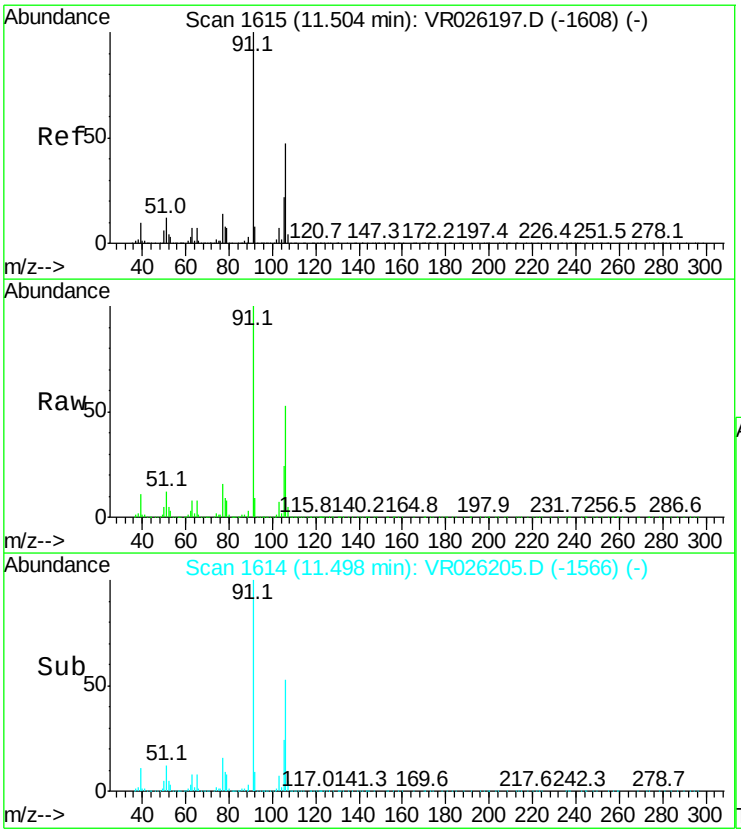
#52
Ethylbenzene
Concen: 22.210 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument : MSVOA_R
ClientSampleId : F9D05

Tgt Ion: 91 Resp: 5704431

Ion	Ratio	Lower	Upper
91	100		
106	36.6	21.2	39.4

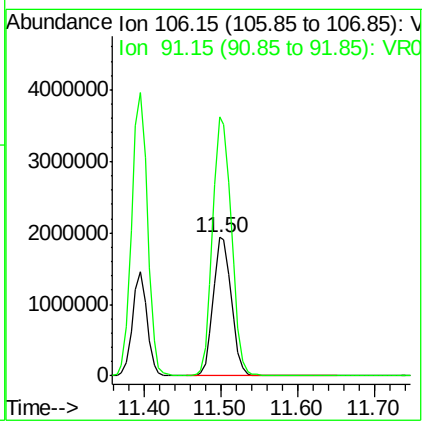


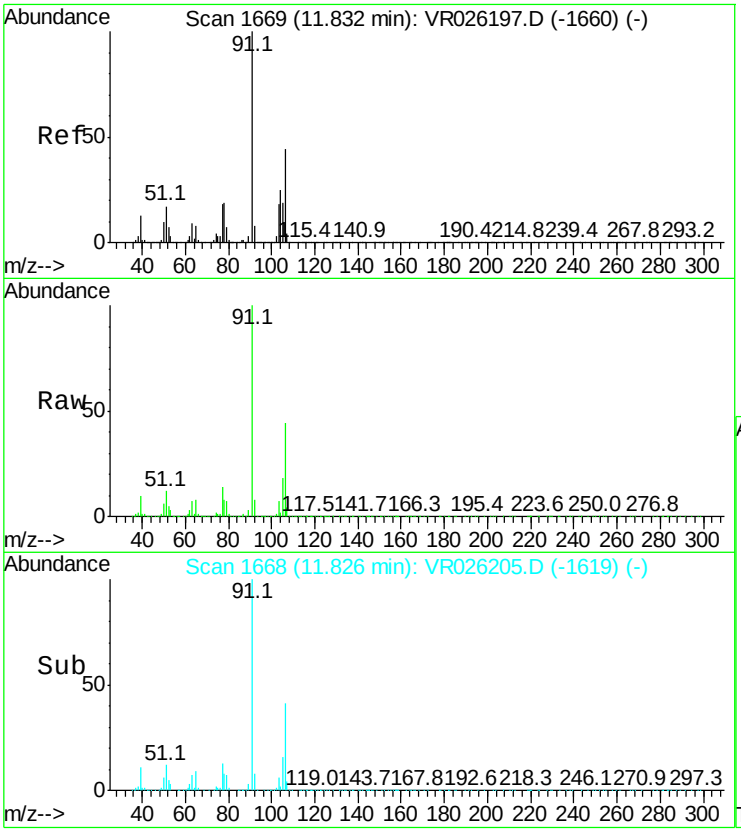


#53
m,p-Xylene
Concen: 33.863 ug/L
RT: 11.50 min Scan# 1614
Delta R.T. -0.01 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion:106 Resp: 3168927

Ion	Ratio	Lower	Upper
106	100		
91	187.7	145.3	269.8



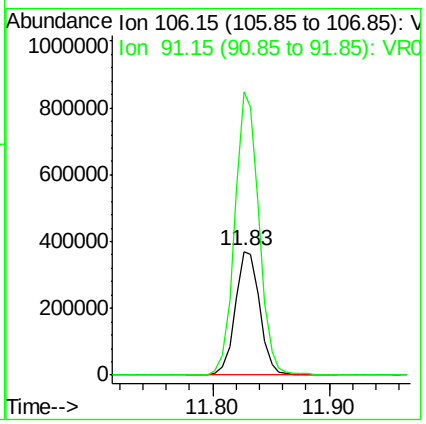


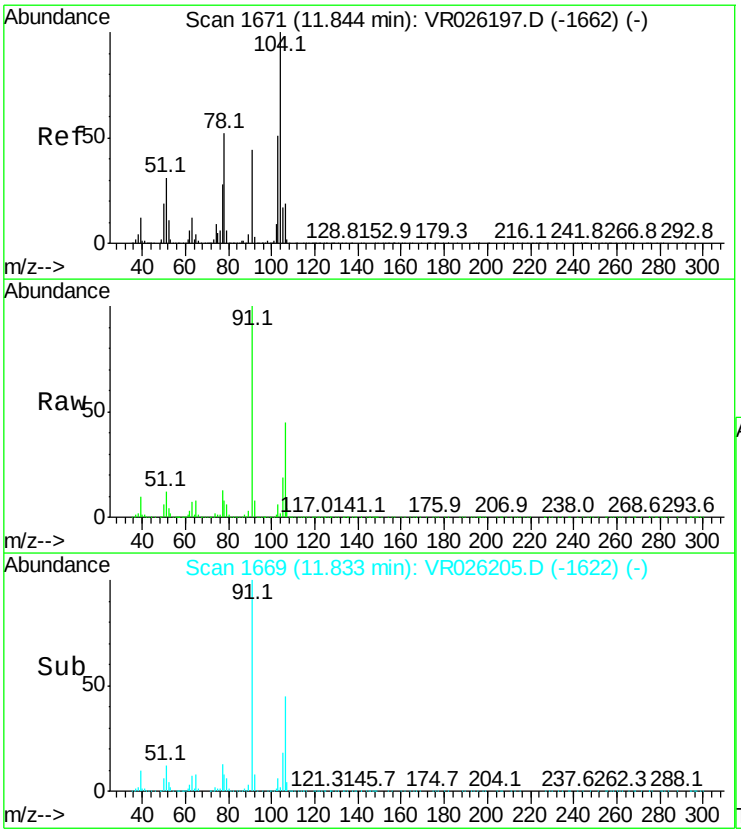
#54
o-Xylene
Concen: 6.266 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument : MSVOA_R
ClientSampleId : F9D05

Tgt Ion:106 Resp: 537604

Ion	Ratio	Lower	Upper
106	100		
91	229.4	155.8	289.3

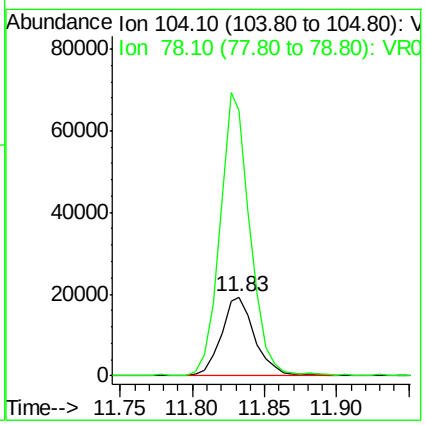


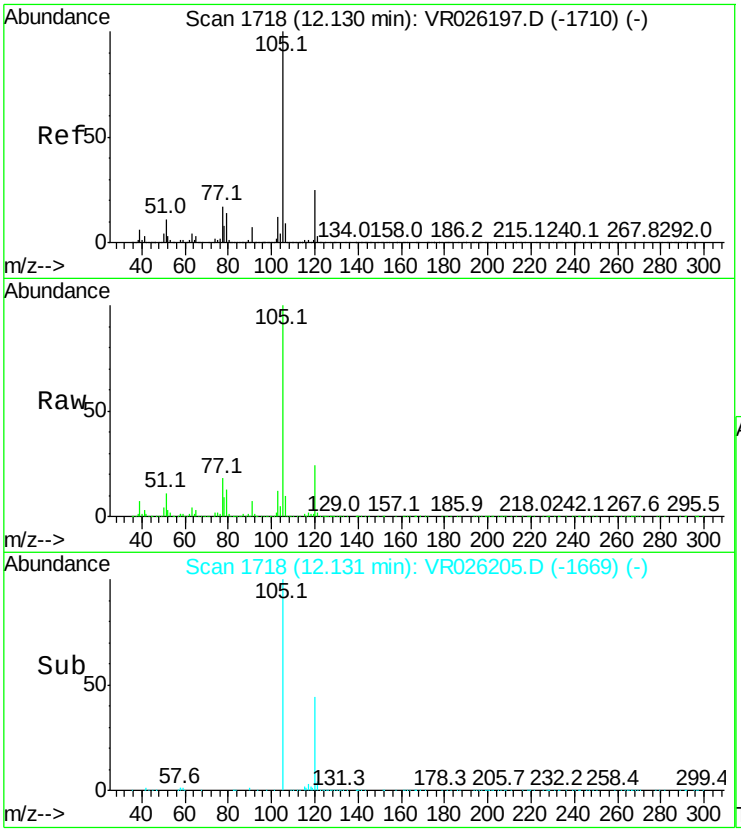


#55
Styrene
Concen: 0.239 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion:104 Resp: 31537

Ion	Ratio	Lower	Upper
104	100		
78	337.0	34.7	64.5#



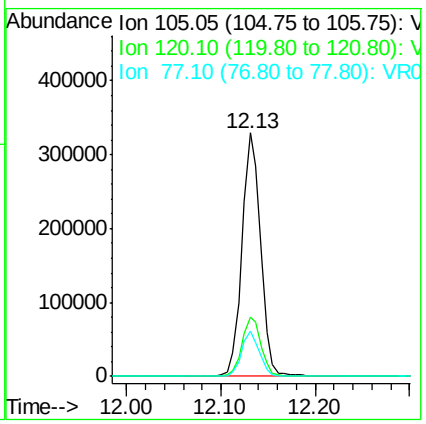


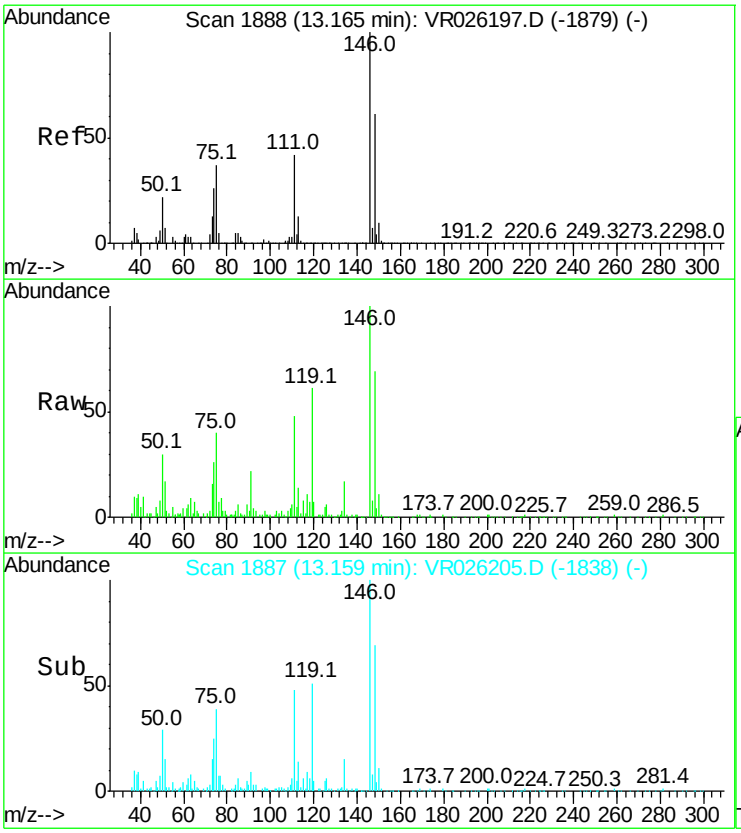
#56
Isopropylbenzene
Concen: 1.897 ug/L
RT: 12.13 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument :
MSVOA_R
ClientSampleId :
F9D05

Tgt Ion:105 Resp: 452138

Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.0	31.4
77	17.5	14.6	21.8

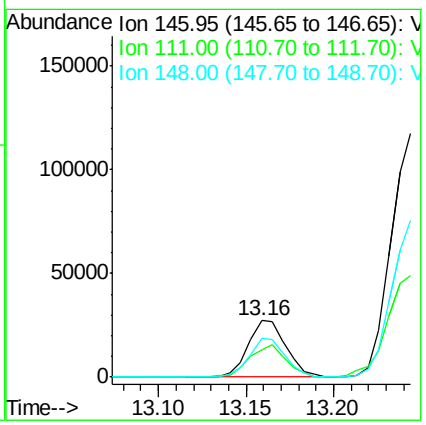


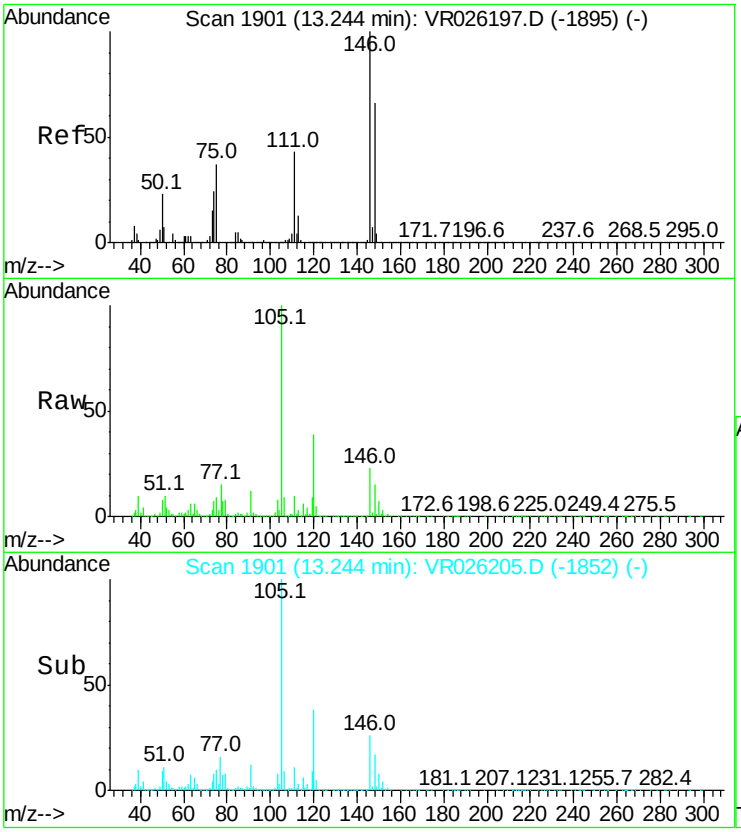


#62
1,3-Dichlorobenzene
Concen: 0.498 ug/L
RT: 13.16 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion:146 Resp: 40942

Ion	Ratio	Lower	Upper
146	100		
111	48.3	32.1	59.7
148	68.8	43.8	81.3



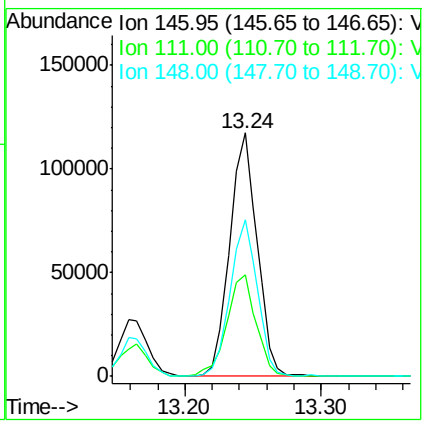


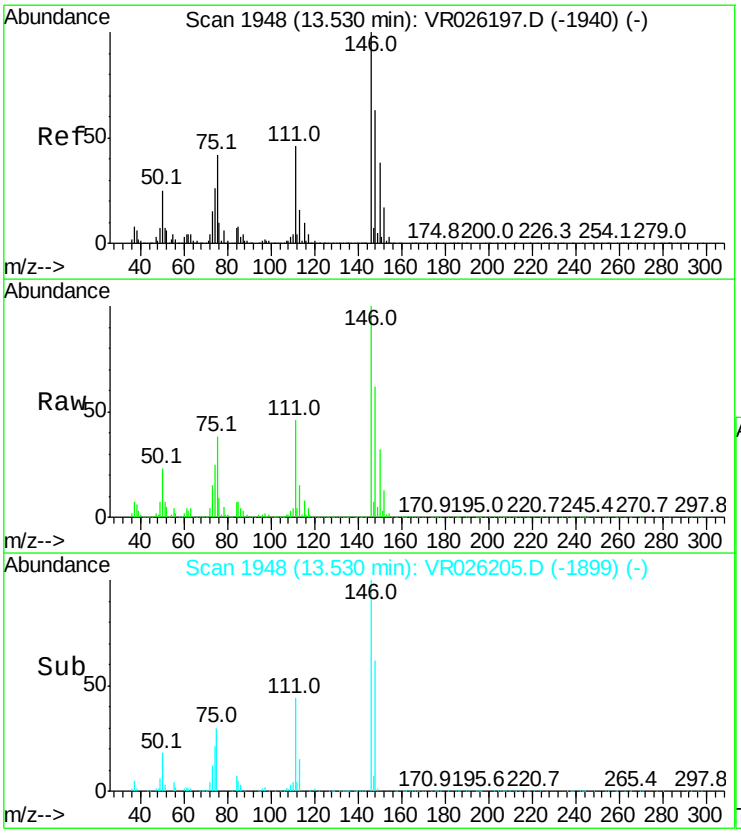
#63
1,4-Dichlorobenzene
Concen: 1.926 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument :
MSVOA_R
ClientSampleId :
F9D05

Tgt Ion:146 Resp: 164097

Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.6	60.6
148	64.1	46.7	86.7

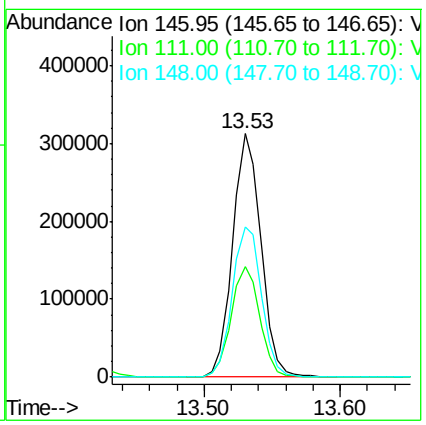


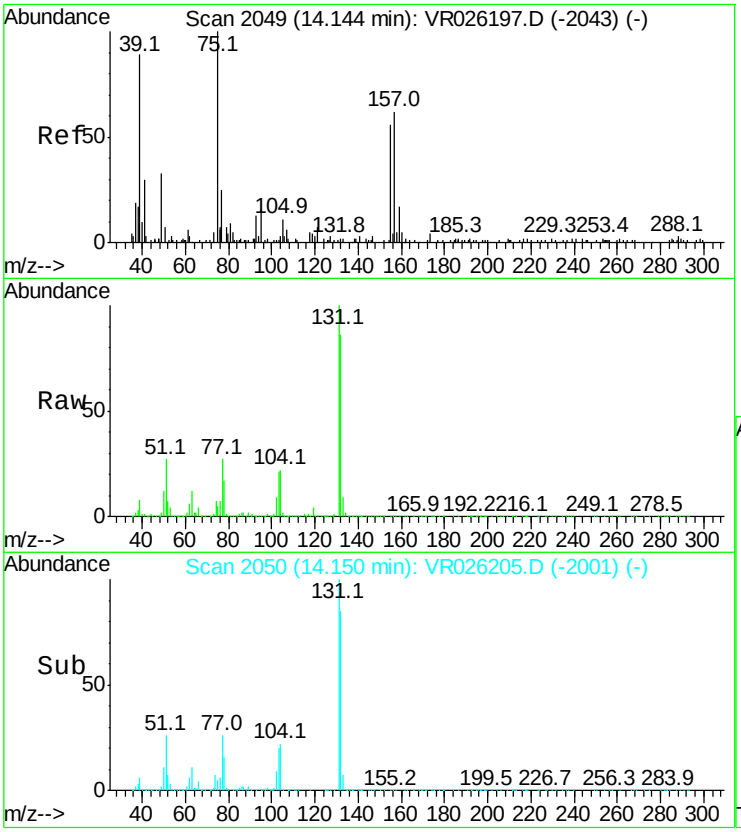


#65
1,2-Dichlorobenzene
Concen: 6.850 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion:146 Resp: 452173

Ion	Ratio	Lower	Upper
146	100		
111	45.6	35.2	52.8
148	61.7	51.2	76.8



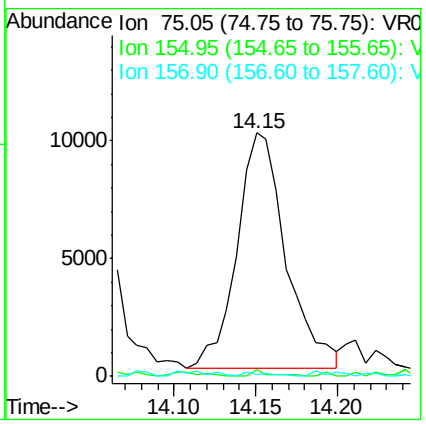


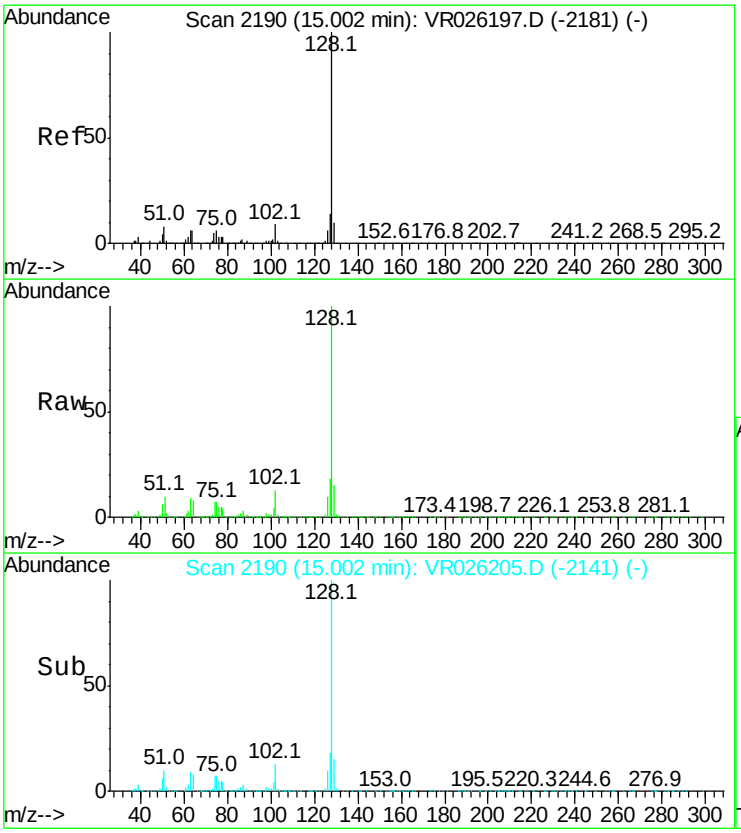
#66
1,2-Dibromo-3-chloropropane
Concen: 7.831 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Instrument :
MSVOA_R
ClientSampleId :
F9D05

Tgt Ion: 75 Resp: 21060

Ion	Ratio	Lower	Upper
75	100		
155	2.6	40.9	61.3#
157	0.9	67.3	100.9#





#69
Naphthalene
Concen: 249.075 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VR026205.D
Acq: 7 Nov 2018 15:36

Tgt Ion:128 Resp: 7074842

Ion	Ratio	Lower	Upper
128	100		
127	15.6	11.0	16.6
129	13.2	9.1	13.7