Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021519\

Quantitation Report (Not Reviewed)

Data File : VR026330.D
Acq On : 15 Feb 2019 15:11
Operator : SY/MD
Sample : K1488-14
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : ESXF0

Quant Time: Feb 16 03:23:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 03:20:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	564292	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	468283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	147034	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	360374	7.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 140.00%#			
7) Chloroethane-d5	2.63	69	194872	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	3.60	63	466248	3.77	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.40%			
20) 2-Butanone-d5	6.59	46	153222	46.70	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.40%			
24) Chloroform-d	7.20	84	365564	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	7.89	65	138579	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	7.85	84	733846	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
36) 1,2-Dichloropropane-d6	8.89	67	184964	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	9.97	98	645401	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
43) trans-1,3-Dichloropropene-	10.23	79	39305	3.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.20%			
46) 2-Hexanone-d5	10.59	63	129245	51.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.22%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62346	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.20%			
64) 1,2-Dichlorobenzene-d4	13.52	152	125378	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			

Target Compounds						Qvalue
3) Chloromethane	2.17	50	176839	2.979	ug/L #	45
5) Vinyl chloride	2.17	62	17405990	291.048	ug/L #	82
8) Chloroethane	2.66	64	9505	0.265	ug/L #	78
12) 1,1-Dichloroethene	3.62	96	79389	1.473	ug/L #	1
13) Acetone	3.70	43	14804	4.279	ug/L	87
15) Methyl Acetate	4.20	43	1303	0.137	ug/L #	70
17) Methyl tert-butyl Ether	4.89	73	9893	0.209	ug/L #	77
18) trans-1,2-Dichloroethene	4.88	96	79662	1.628	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	15757595	399.247	ug/L #	70
34) Trichloroethene	8.71	95	282638	5.916	ug/L	98
35) Methylcyclohexane	8.89	83	43448	0.654	ug/L #	17
45) 1,1,2-Trichloroethane	10.51	97	18328	1.097	ug/L #	6
47) Tetrachloroethene	10.51	164	1863969	50.847	ug/L	92
48) 2-Hexanone	10.59	43	20644	3.329	ug/L #	74
49) Dibromochloromethane	10.51	129	1514124	70.522	ug/L #	13

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021519\

Quantitation Report (Not Reviewed)

Data File : VR026330.D
Acq On : 15 Feb 2019 15:11
Operator : SY/MD
Sample : K1488-14
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : ESXF0

Quant Time: Feb 16 03:23:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 03:20:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021519\

Quantitation Report (Not Reviewed)

Data File : VR026330.D
Acq On : 15 Feb 2019 15:11
Operator : SY/MD
Sample : K1488-14
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

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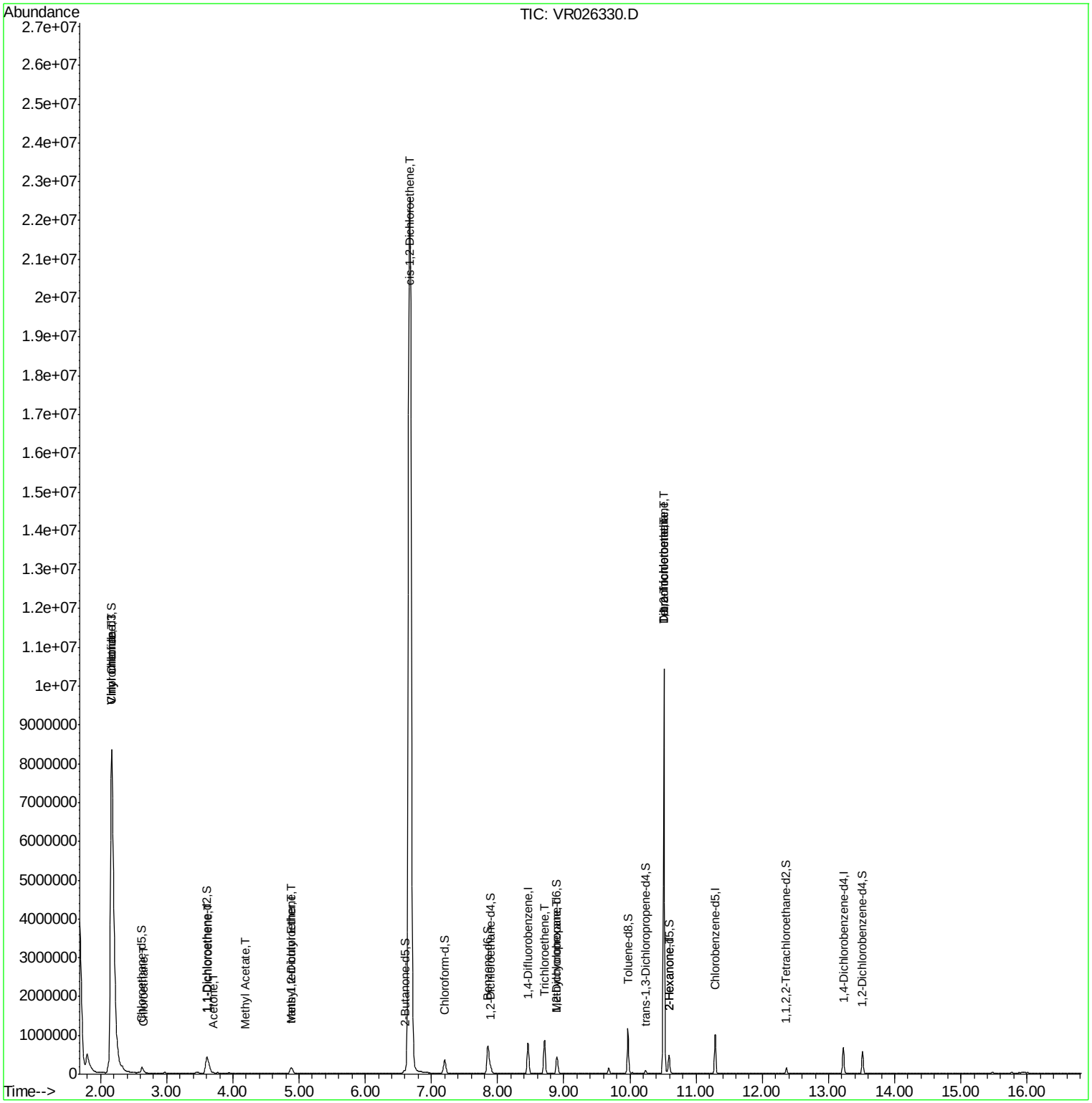
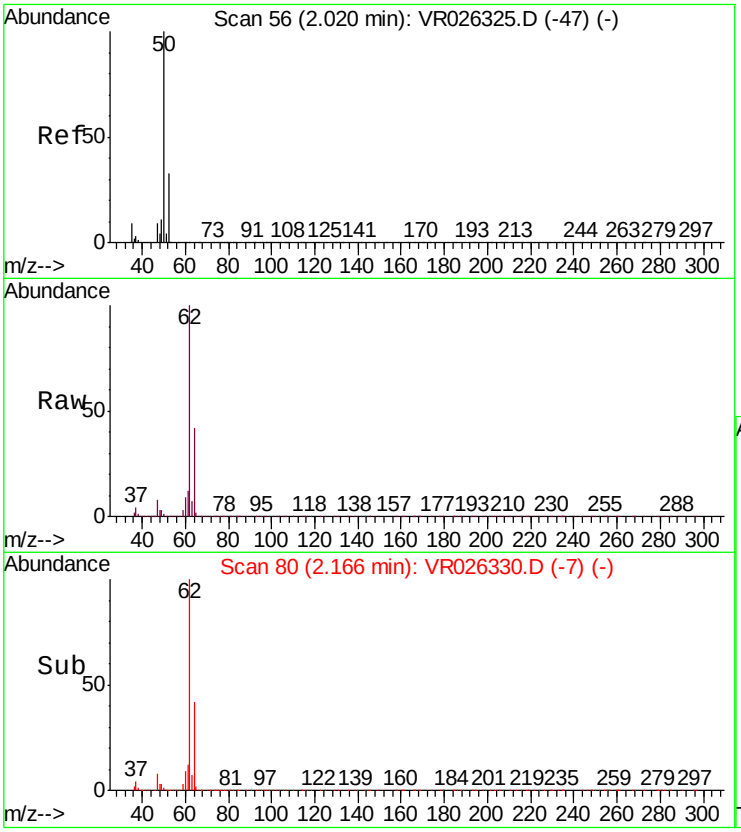
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 03:20:27 2019
Response via : Initial Calibration



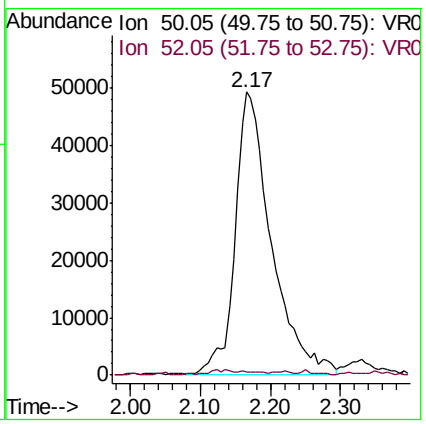


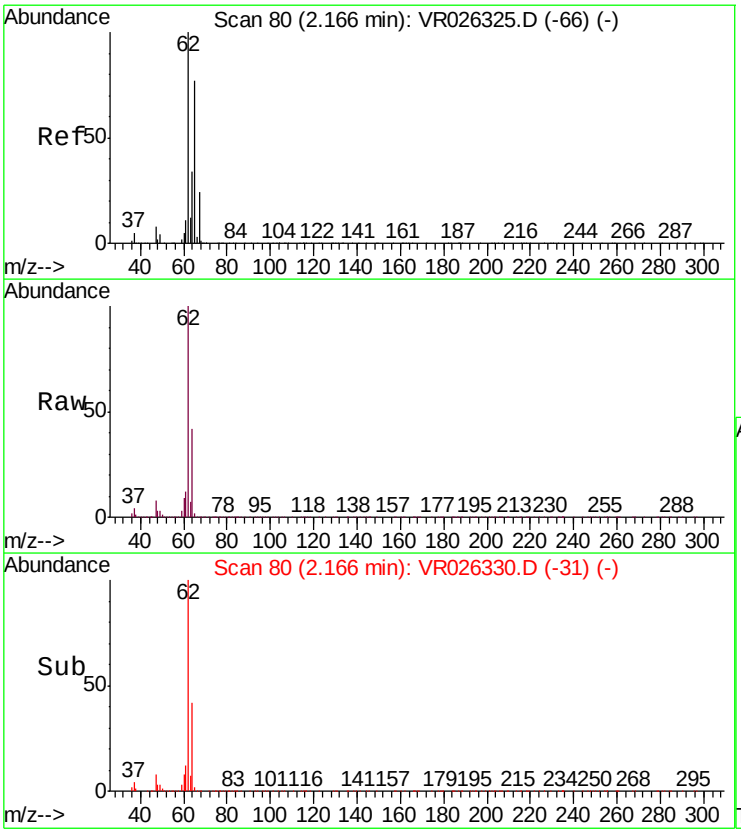
#3
Chloromethane
Concen: 2.979 ug/L
RT: 2.17 min Scan# 80
Delta R.T. 0.15 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument : MSVOA_R
ClientSampleId : ESXF0

Tgt Ion: 50 Resp: 176839

Ion	Ratio	Lower	Upper
50	100		
52	1.1	22.3	41.5#

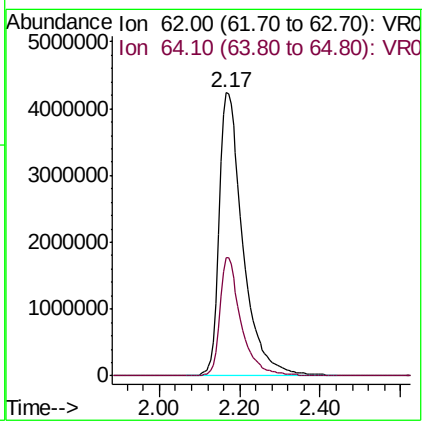


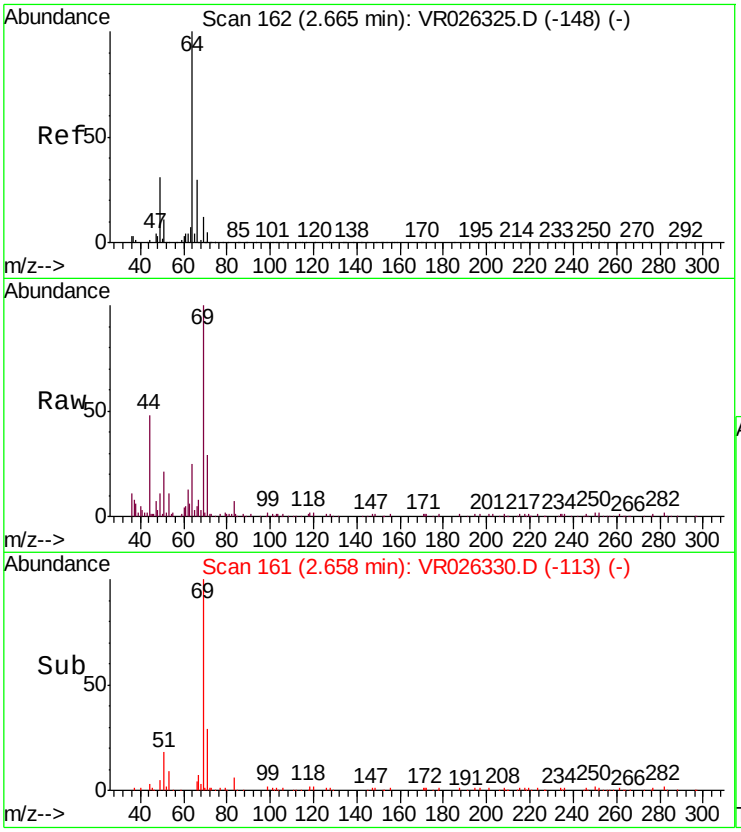


#5
Vinyl chloride
Concen: 291.048 ug/L
RT: 2.17 min Scan# 80
Delta R.T. -0.00 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Tgt Ion: 62 Resp:17405990

Ion	Ratio	Lower	Upper
62	100		
64	41.7	22.2	41.2#



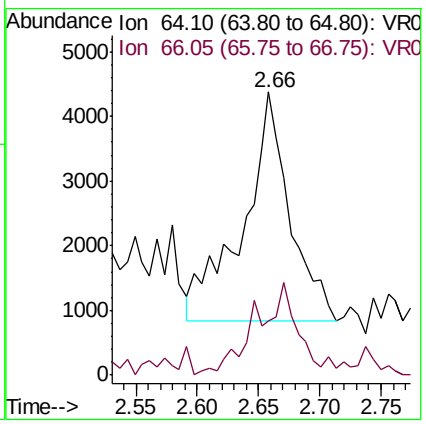


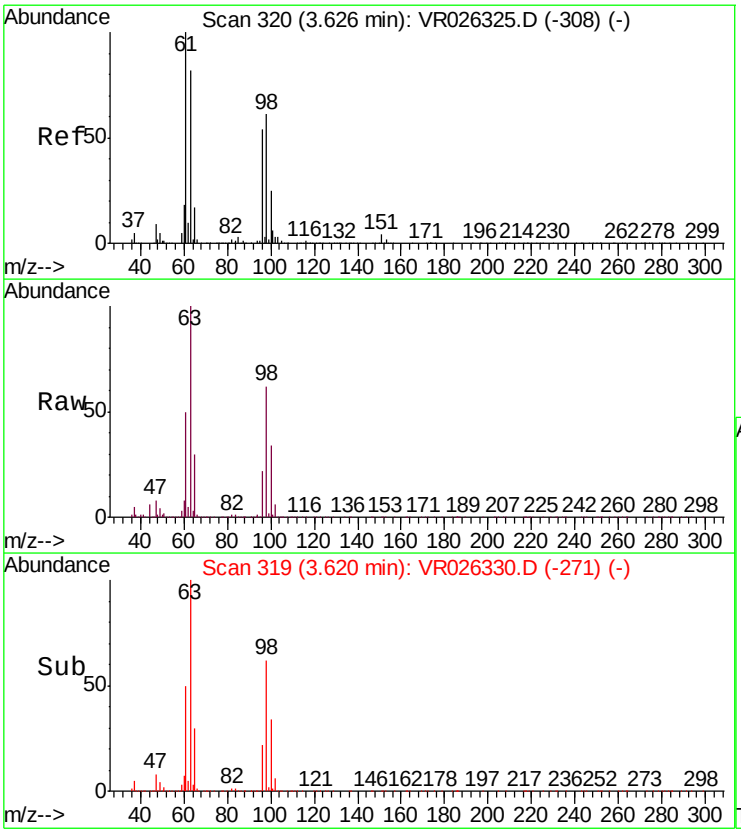
#8
Chloroethane
Concen: 0.265 ug/L
RT: 2.66 min Scan# 161
Delta R.T. -0.01 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument : MSVOA_R
ClientSampleId : ESXF0

Tgt Ion: 64 Resp: 9505

Ion	Ratio	Lower	Upper
64	100		
66	19.3	22.0	40.8#

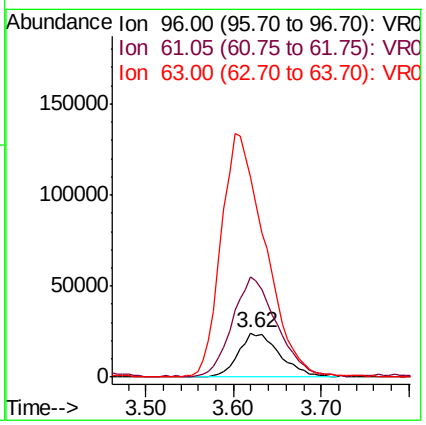


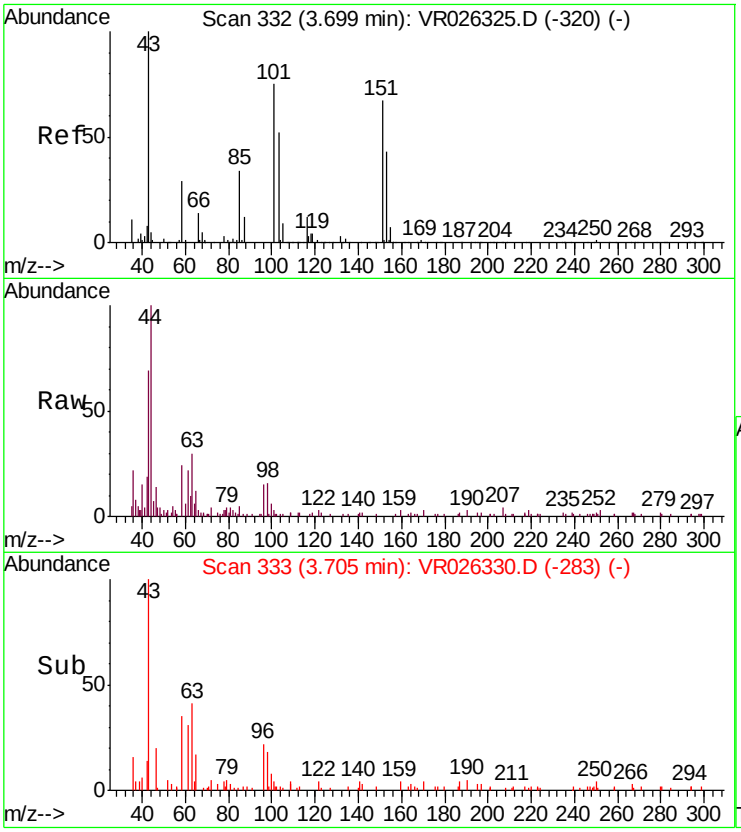


#12
1,1-Dichloroethene
Concen: 1.473 ug/L
RT: 3.62 min Scan# 319
Delta R.T. -0.01 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Tgt Ion: 96 Resp: 79389

Ion	Ratio	Lower	Upper
96	100		
61	226.2	126.0	234.0
63	454.5	99.7	185.1#



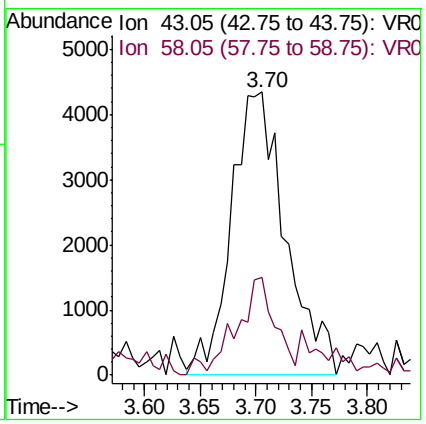


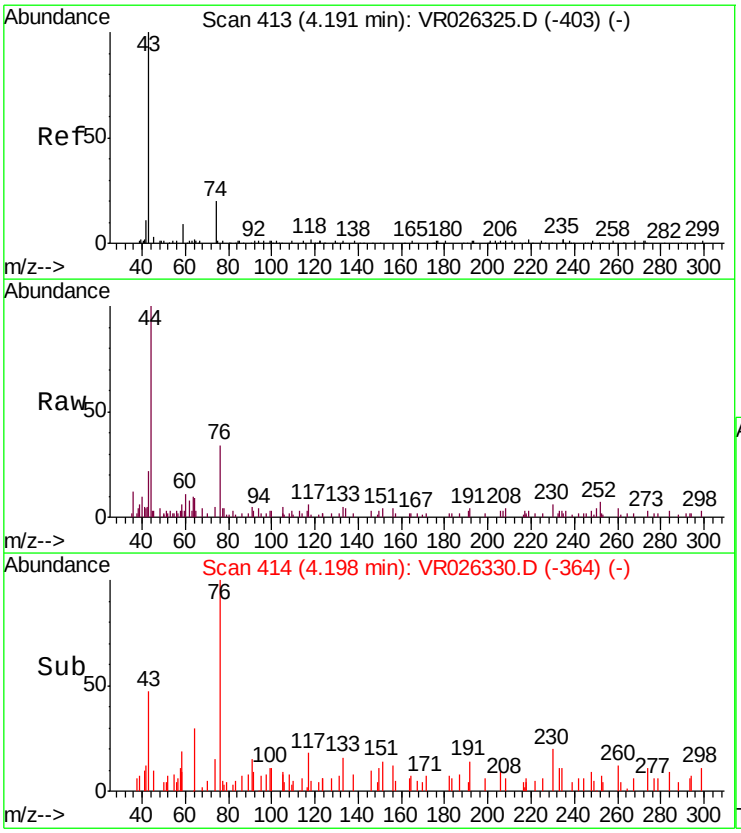
#13
Acetone
Concen: 4.279 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument :
MSVOA_R
ClientSampleId :
ESXF0

Tgt Ion: 43 Resp: 14804

Ion	Ratio	Lower	Upper
43	100		
58	21.5	0.0	56.6

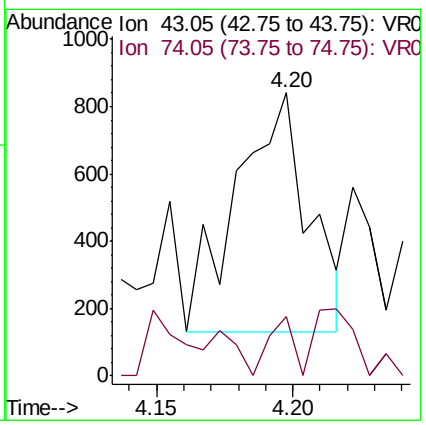


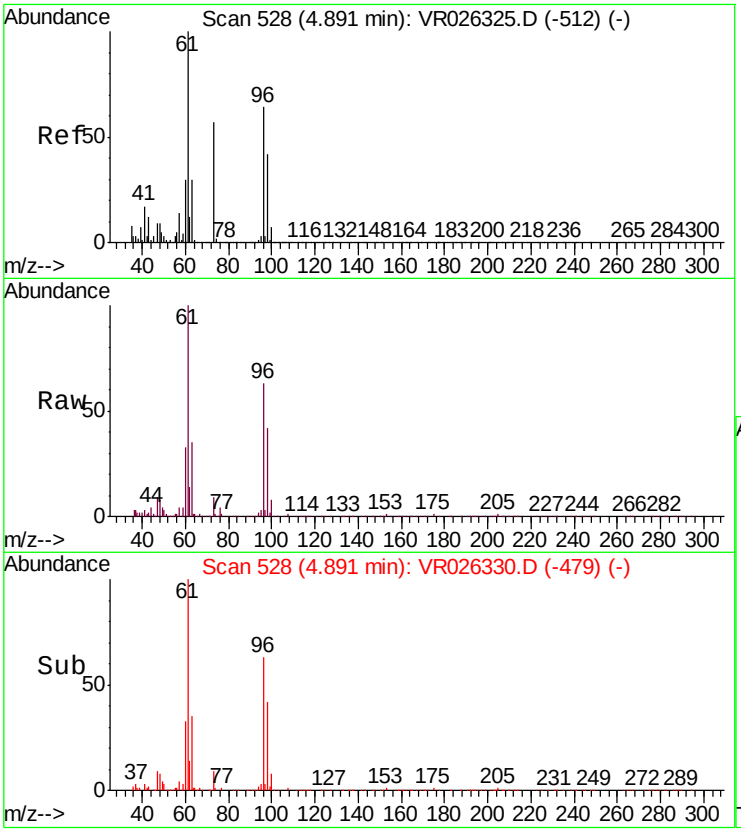


#15
Methyl Acetate
Concen: 0.137 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Tgt Ion: 43 Resp: 1303

Ion	Ratio	Lower	Upper
43	100		
74	8.4	18.4	27.6#



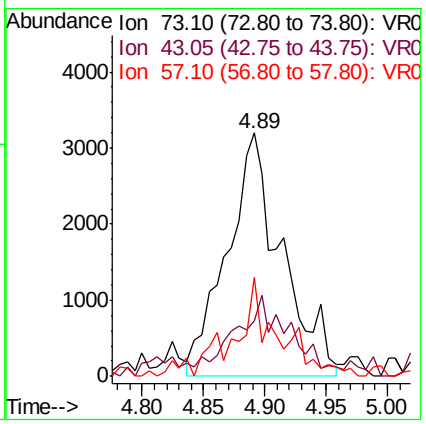


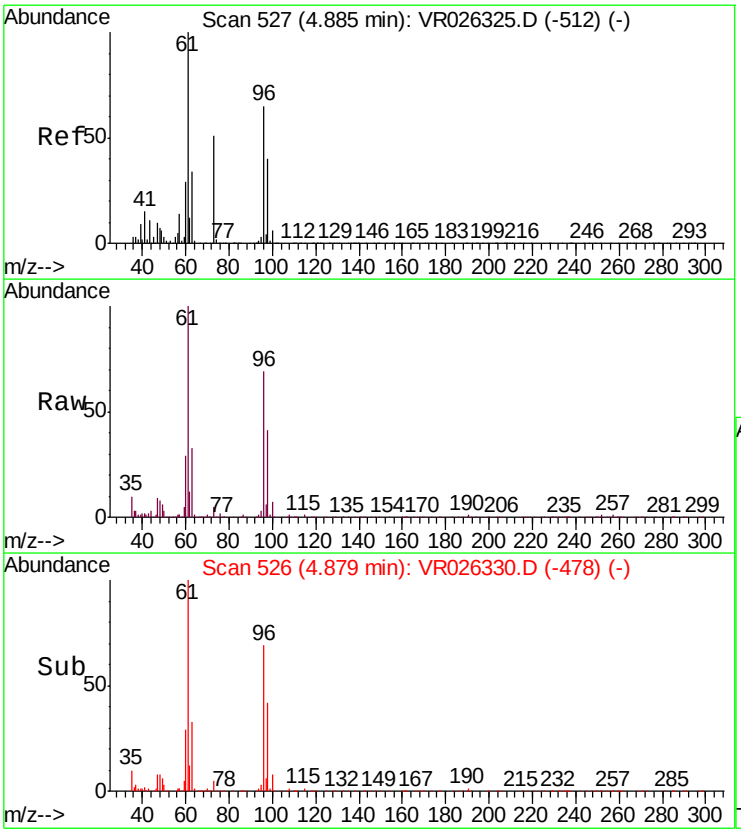
#17
Methyl tert-butyl Ether
Concen: 0.209 ug/L
RT: 4.89 min Scan# 528
Delta R.T. -0.00 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument : MSVOA_R
ClientSampleId : ESXF0

Tgt Ion: 73 Resp: 9893

Ion	Ratio	Lower	Upper
73	100		
43	33.2	17.5	26.3#
57	12.0	18.6	28.0#

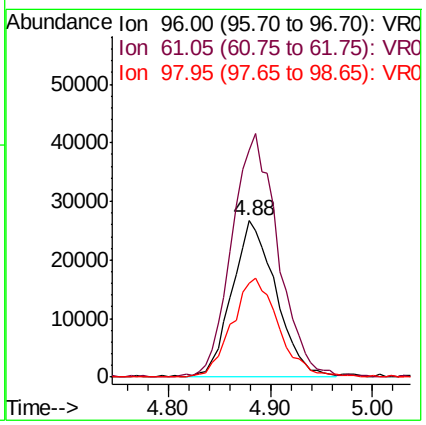


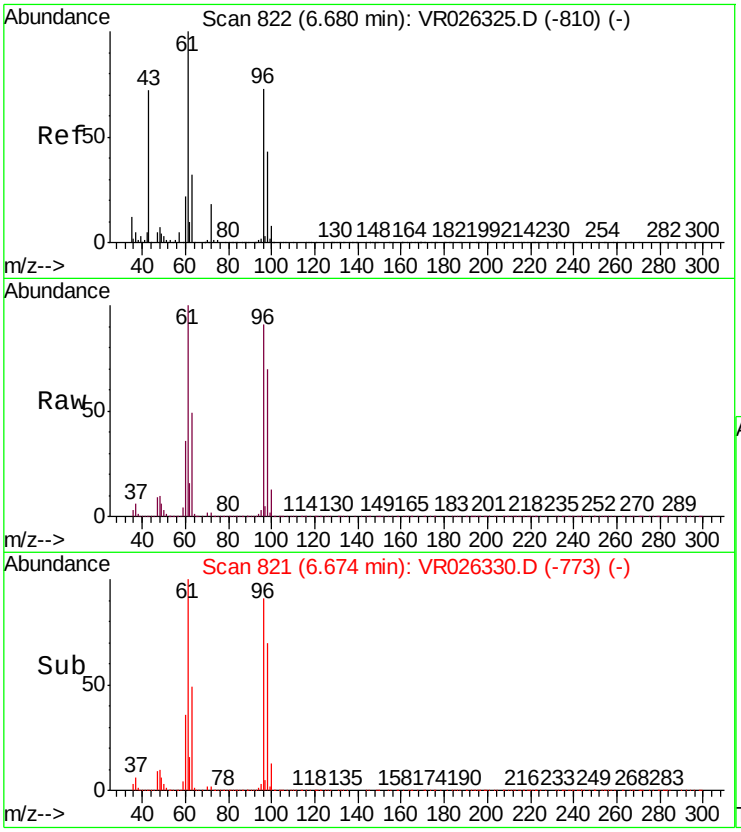


#18
trans-1,2-Dichloroethene
Concen: 1.628 ug/L
RT: 4.88 min Scan# 526
Delta R.T. -0.01 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Tgt Ion: 96 Resp: 79662

Ion	Ratio	Lower	Upper
96	100		
61	145.1	102.5	190.3
98	59.9	43.9	81.5



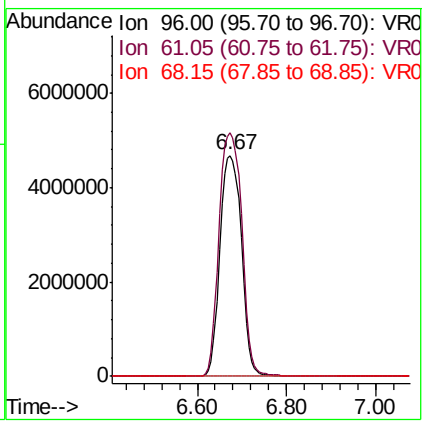


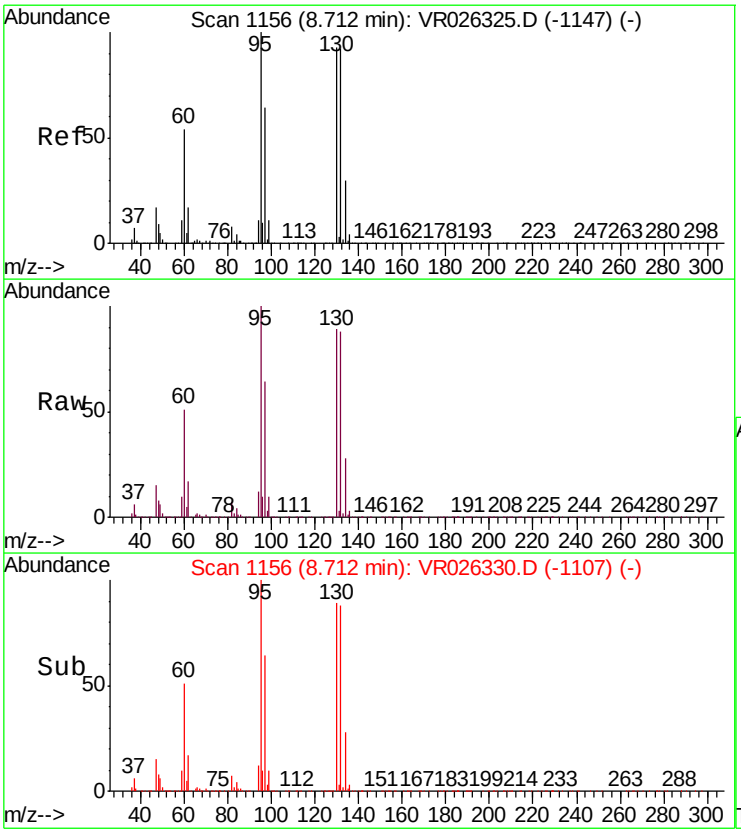
#22
cis-1,2-Dichloroethene
Concen: 399.247 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument :
MSVOA_R
ClientSampleId :
ESXF0

Tgt Ion: 96 Resp:15757595

Ion	Ratio	Lower	Upper
96	100		
61	110.1	103.3	191.9
68	0.0	0.1	0.3#

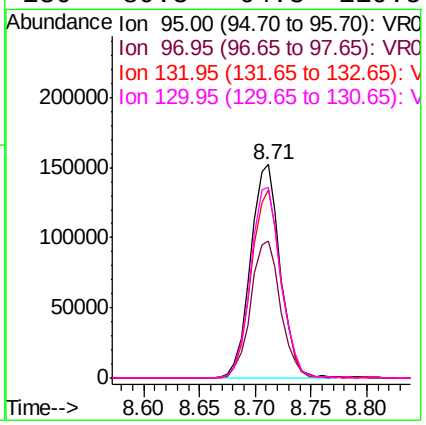


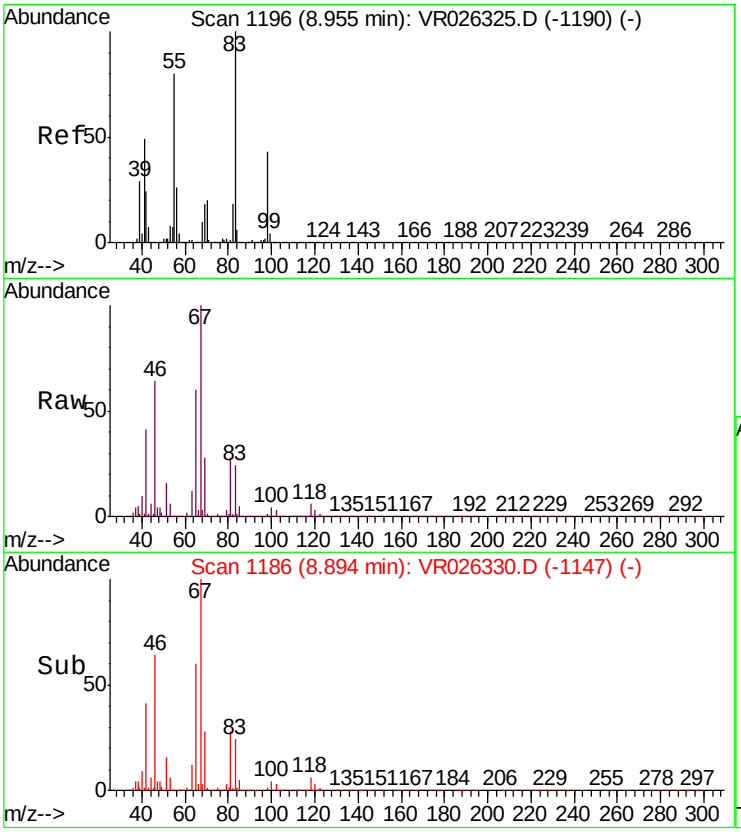


#34
Trichloroethene
Concen: 5.916 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Tgt Ion: 95 Resp: 282638

Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.6	86.6
132	87.9	61.9	114.9
130	89.3	64.3	119.5



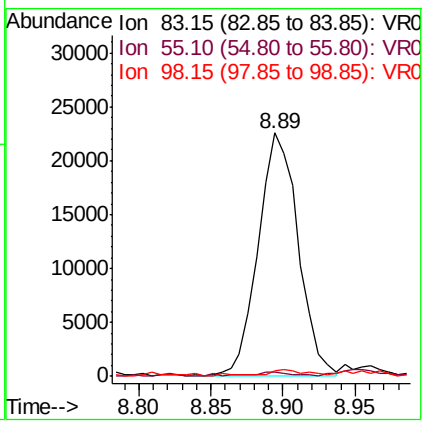


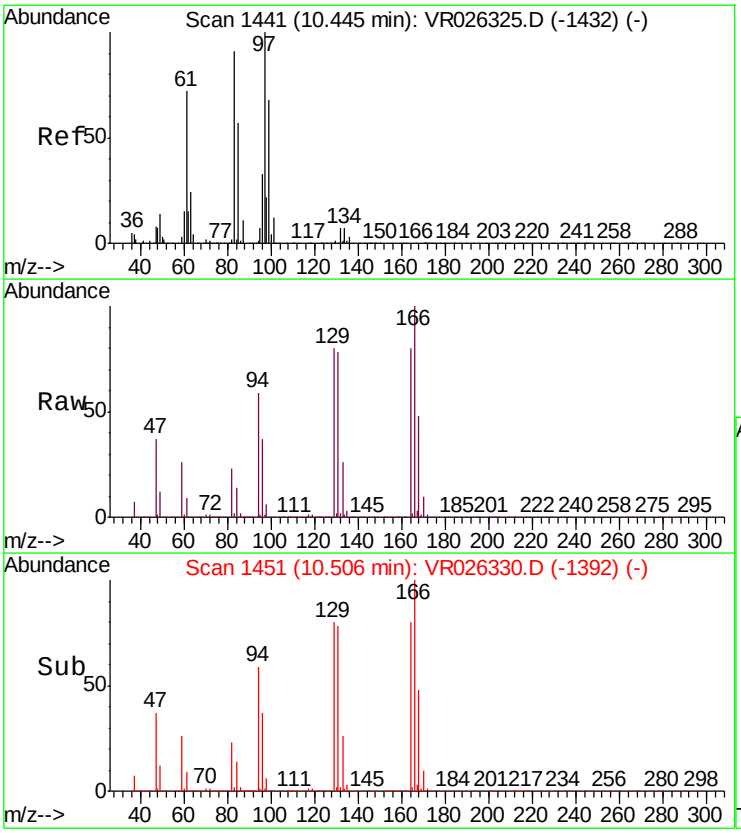
#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument :
MSVOA_R
ClientSampleId :
ESXF0

Tgt Ion: 83 Resp: 43448

Ion	Ratio	Lower	Upper
83	100		
55	1.2	68.8	103.2#
98	1.6	36.3	54.5#

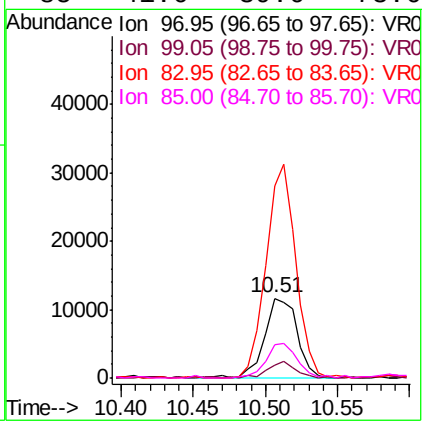


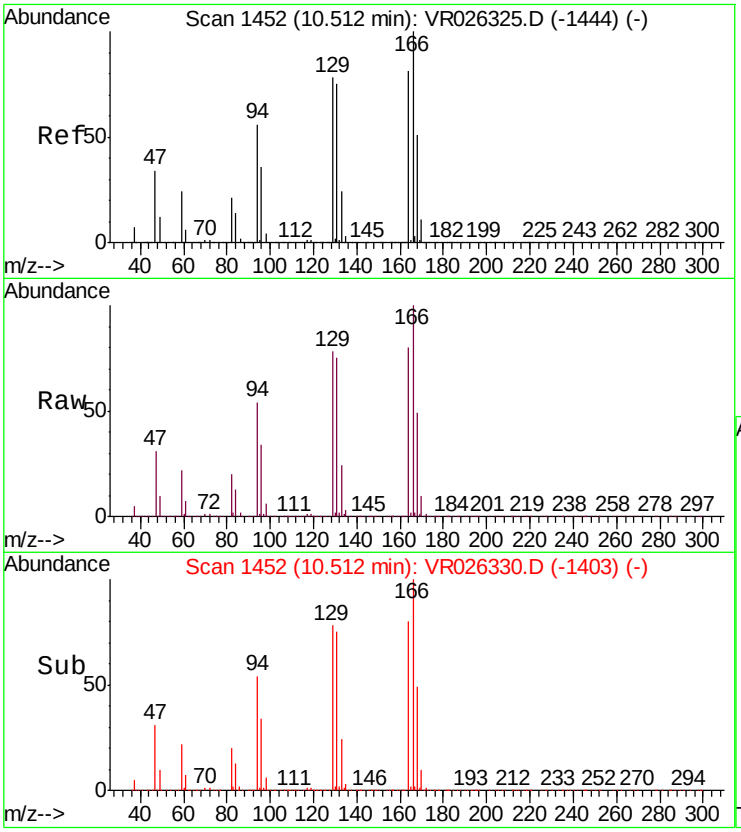


#45
1,1,2-Trichloroethane
Concen: 1.097 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. 0.06 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Tgt Ion: 97 Resp: 18328

Ion	Ratio	Lower	Upper
97	100		
99	15.6	43.0	80.0#
83	240.7	61.5	114.3#
85	41.6	39.6	73.6



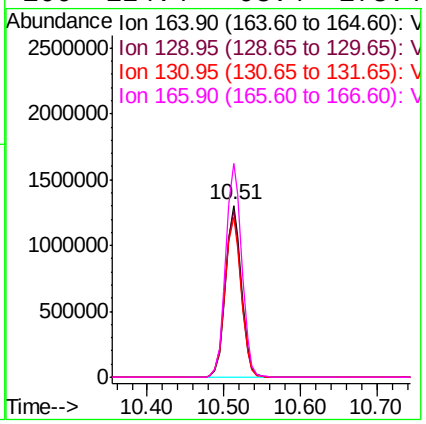


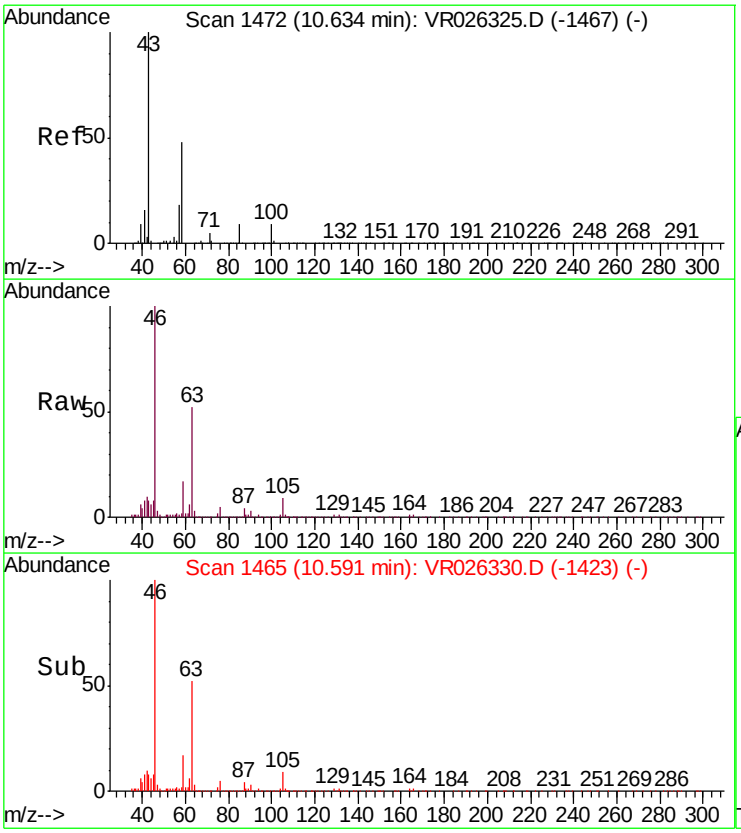
#47
Tetrachloroethene
Concen: 50.847 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument :
MSVOA_R
ClientSampleId :
ESXF0

Tgt Ion:164 Resp: 1863969

Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.5	132.9
131	93.1	72.8	135.2
166	124.4	93.4	173.4

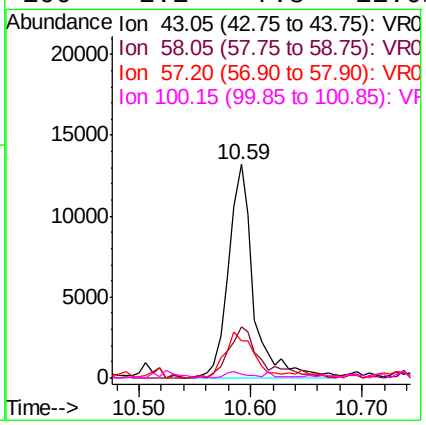


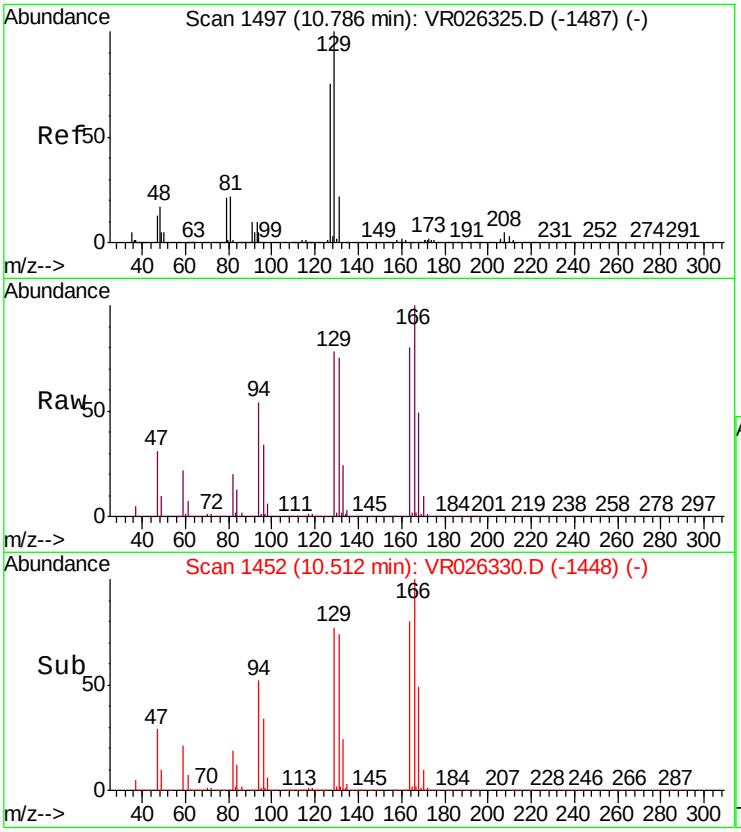


#48
2-Hexanone
Concen: 3.329 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Tgt Ion: 43 Resp: 20644

Ion	Ratio	Lower	Upper
43	100		
58	30.7	41.2	61.8#
57	24.8	13.8	20.8#
100	2.1	7.8	11.6#





#49
Dibromochloromethane
Concen: 70.522 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026330.D
Acq: 15 Feb 2019 15:11

Instrument :
MSVOA_R
ClientSampleId :
ESXF0

Tgt Ion:129 Resp: 1514124

Ion	Ratio	Lower	Upper
129	100		
127	0.1	51.4	95.5#