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

Quantitation Report (Not Reviewed)

Data File : VR026331.D
Acq On : 15 Feb 2019 15:45
Operator : SY/MD
Sample : K1488-15
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : ESXF1

Quant Time: Feb 16 03:24:08 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	596025	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	472817	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142569	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.16	65	265191	4.88	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%				
7) Chloroethane-d5	2.63	69	195610	4.40	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%				
11) 1,1-Dichloroethene-d2	3.61	63	456742	3.50	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%				
20) 2-Butanone-d5	6.59	46	176755	51.01	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.02%				
24) Chloroform-d	7.20	84	379820	4.21	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.20%				
26) 1,2-Dichloroethane-d4	7.89	65	144436	4.39	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%				
32) Benzene-d6	7.85	84	777679	4.82	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%				
36) 1,2-Dichloropropane-d6	8.89	67	191734	4.64	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%				
41) Toluene-d8	9.97	98	691788	4.59	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%				
43) trans-1,3-Dichloropropene-	10.23	79	41718	3.74	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.80%				
46) 2-Hexanone-d5	10.59	63	139451	55.15	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.30%				
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66794	4.25	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%				
64) 1,2-Dichlorobenzene-d4	13.52	152	126446	5.30	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%				
Target Compounds							Qvalue
3) Chloromethane	1.99	50	8843	0.141	ug/L	#	71
5) Vinyl chloride	2.17	62	3884110	61.489	ug/L		97
12) 1,1-Dichloroethene	3.62	96	41452	0.728	ug/L	#	1
13) Acetone	3.69	43	5583	1.528	ug/L		77
18) trans-1,2-Dichloroethene	4.89	96	263496	5.098	ug/L		98
22) cis-1,2-Dichloroethene	6.67	96	12430486	298.180	ug/L	#	73
30) Cyclohexane	7.51	56	14642	0.235	ug/L		98
34) Trichloroethene	8.71	95	1302739	27.007	ug/L		99
37) 1,2-Dichloropropane	8.89	63	24287	0.601	ug/L	#	91
45) 1,1,2-Trichloroethane	10.51	97	27730	1.644	ug/L	#	5
47) Tetrachloroethene	10.51	164	2675071	72.273	ug/L		92
48) 2-Hexanone	10.59	43	21054	3.363	ug/L	#	73
49) Dibromochloromethane	10.51	129	2116378	97.627	ug/L	#	13

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

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

Quantitation Report (Not Reviewed)

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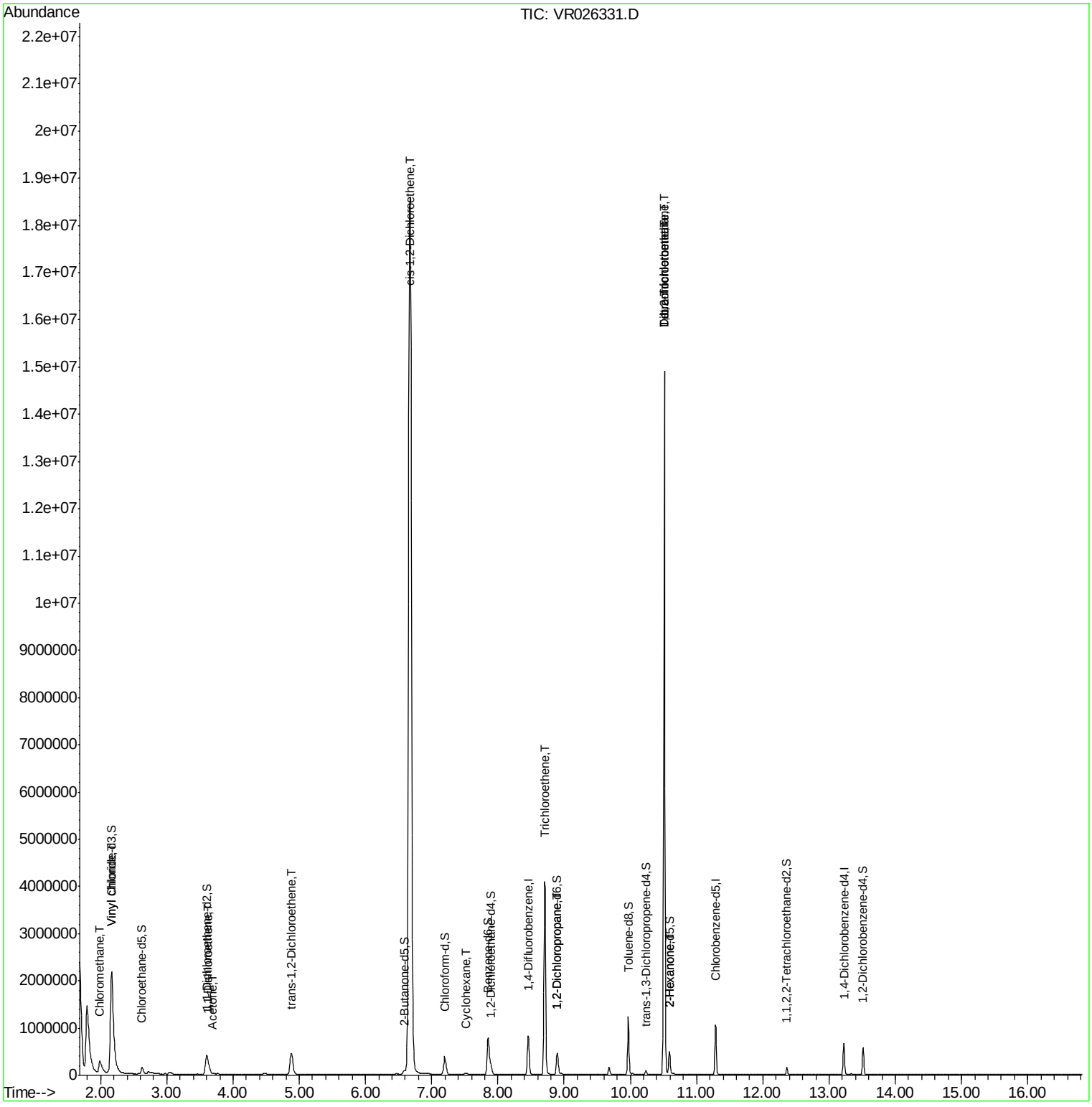
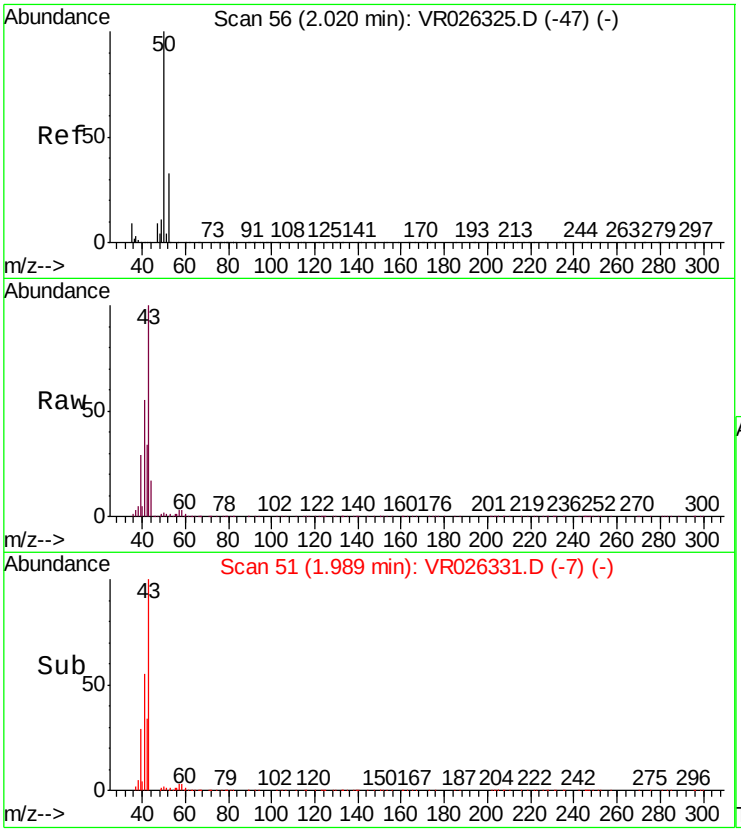
MSVOA_R
ClientSampleId :
ESXF1

Quant Time: Feb 16 03:24:08 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



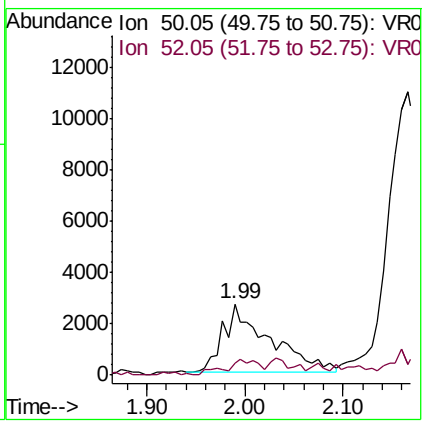


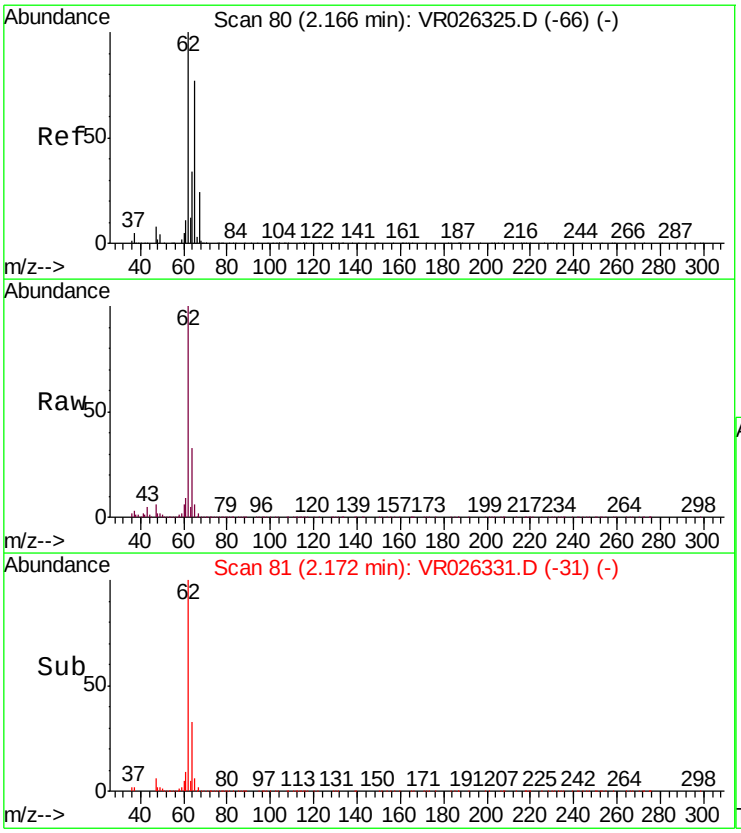
#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.99 min Scan# 51
Delta R.T. -0.03 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_R
ClientSampleId :
ESXF1

Tgt Ion: 50 Resp: 8843

Ion	Ratio	Lower	Upper
50	100		
52	15.9	22.3	41.5#

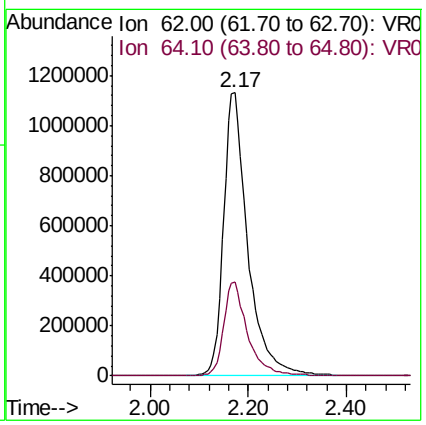


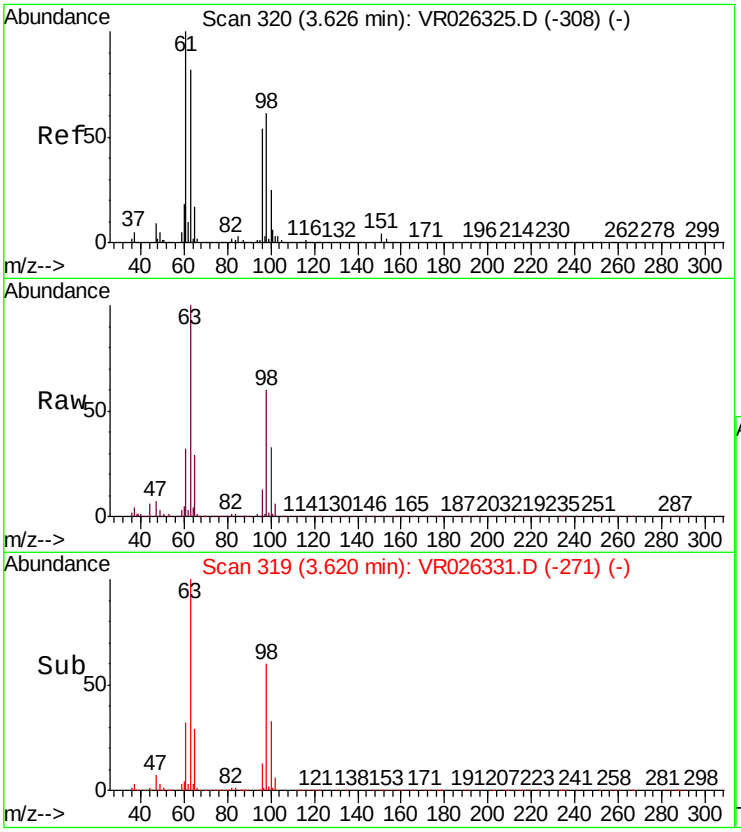


#5
Vinyl chloride
Concen: 61.489 ug/L
RT: 2.17 min Scan# 81
Delta R.T. 0.01 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 62 Resp: 3884110

Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.2	41.2



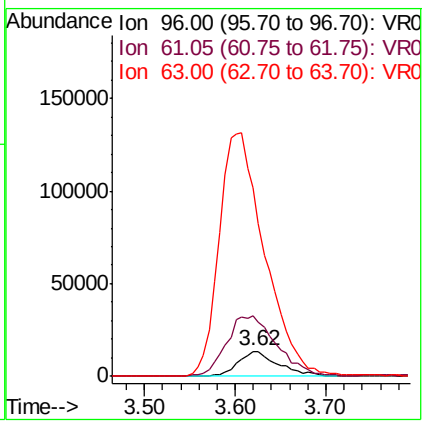


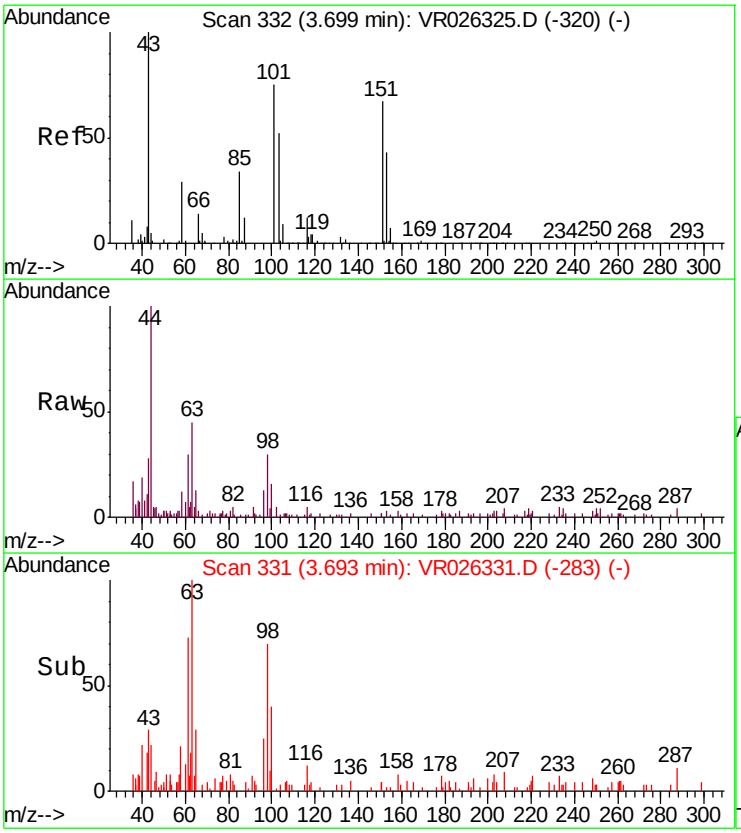
#12
1,1-Dichloroethene
Concen: 0.728 ug/L
RT: 3.62 min Scan# 319
Delta R.T. -0.01 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_R
ClientSampleId :
ESXF1

Tgt Ion: 96 Resp: 41452

Ion	Ratio	Lower	Upper
96	100		
61	242.2	126.0	234.0#
63	757.5	99.7	185.1#

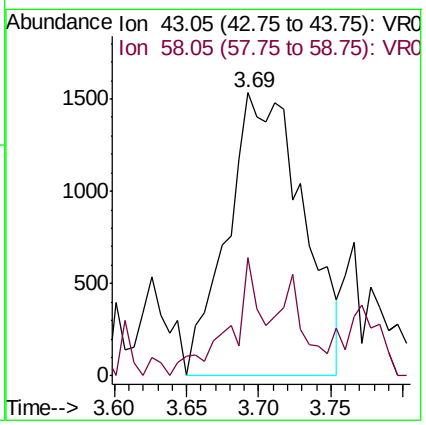


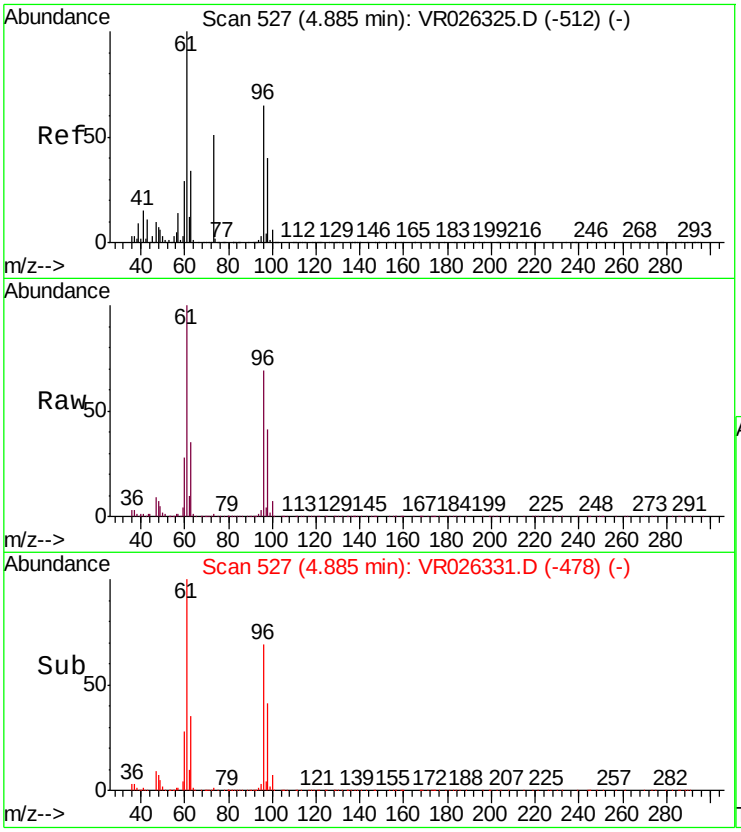


#13
Acetone
Concen: 1.528 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.01 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 43 Resp: 5583

Ion	Ratio	Lower	Upper
43	100		
58	16.4	0.0	56.6



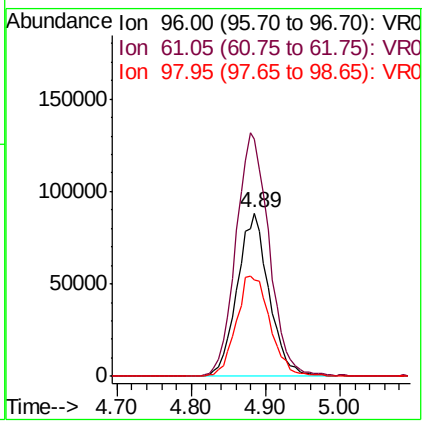


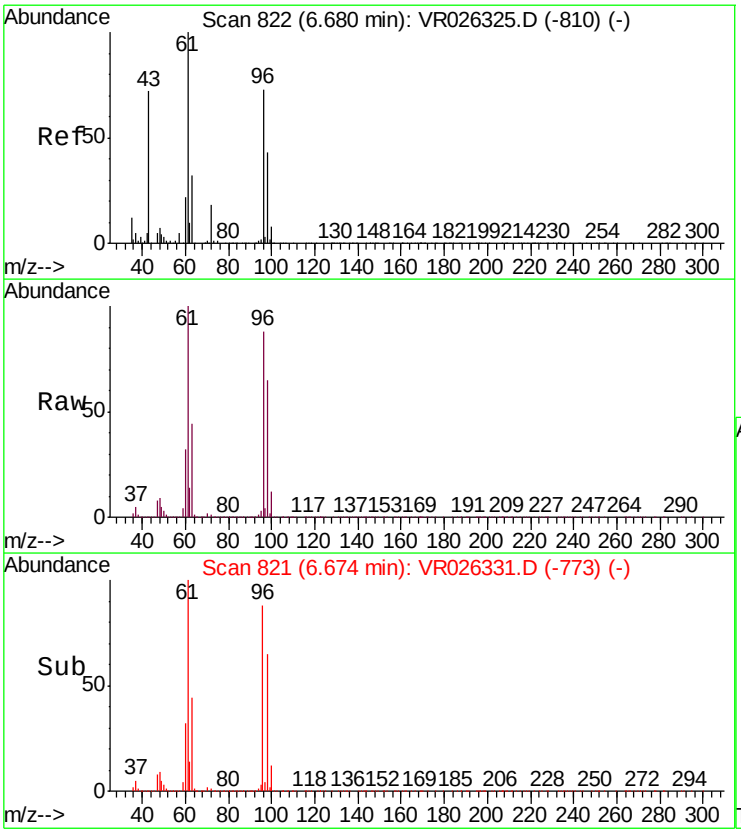
#18
trans-1,2-Dichloroethene
Concen: 5.098 ug/L
RT: 4.89 min Scan# 527
Delta R.T. 0.00 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Instrument : MSVOA_R
ClientSampleId : ESXF1

Tgt Ion: 96 Resp: 263496

Ion	Ratio	Lower	Upper
96	100		
61	145.0	102.5	190.3
98	59.3	43.9	81.5

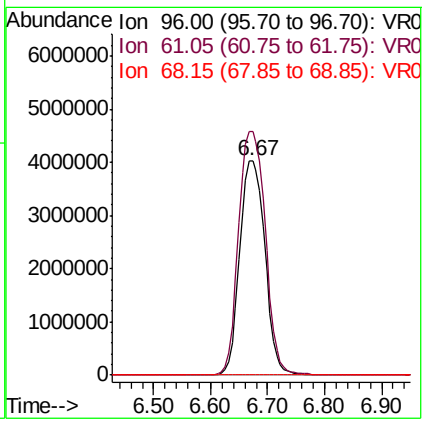


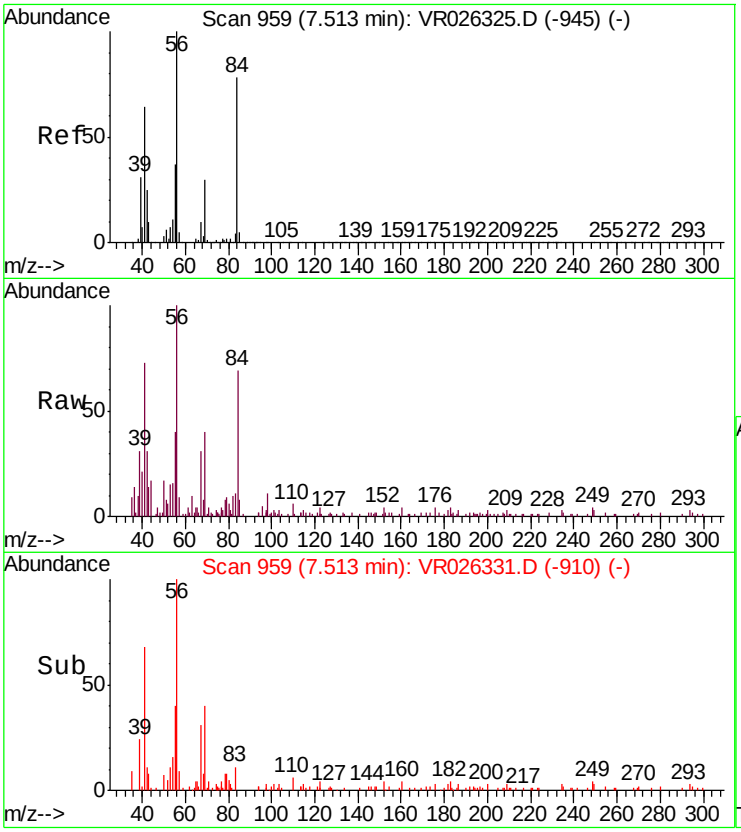


#22
cis-1,2-Dichloroethene
Concen: 298.180 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 96 Resp:12430486

Ion	Ratio	Lower	Upper
96	100		
61	113.4	103.3	191.9
68	0.0	0.1	0.3#



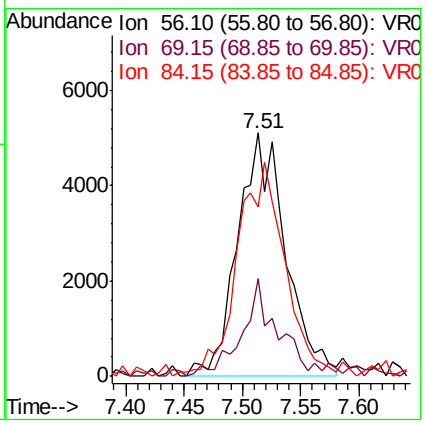


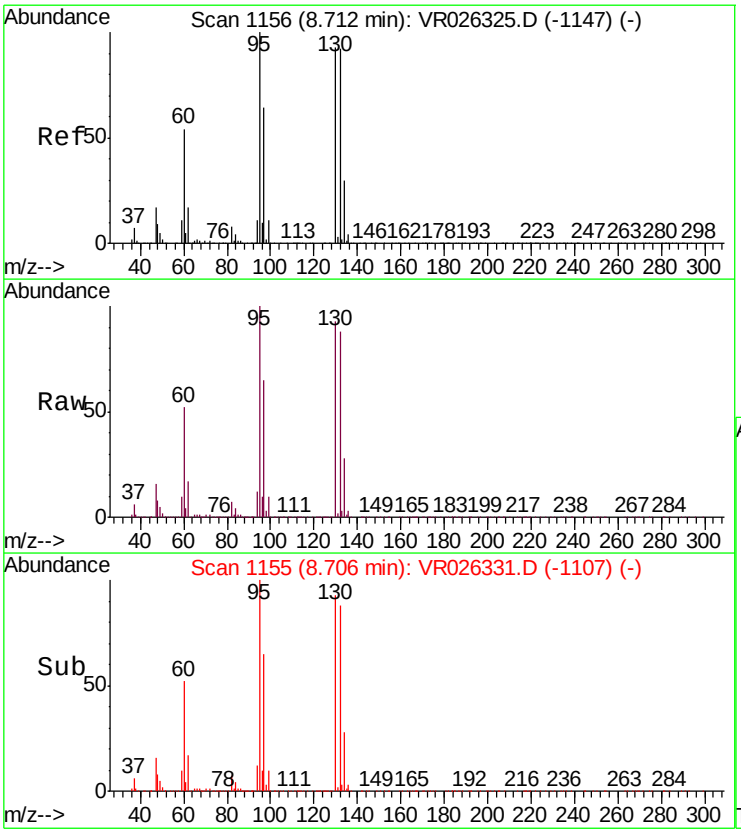
#30
Cyclohexane
Concen: 0.235 ug/L
RT: 7.51 min Scan# 959
Delta R.T. 0.00 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_R
ClientSampleId :
ESXF1

Tgt Ion: 56 Resp: 14642

Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.4	35.2
84	81.2	63.8	95.6

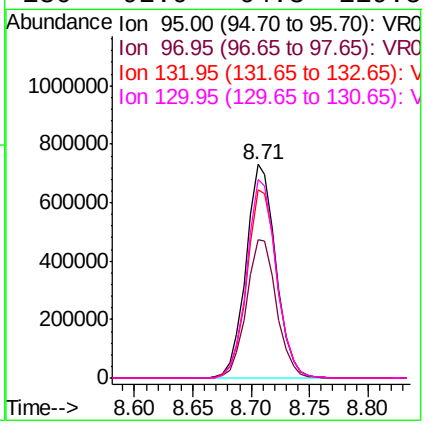


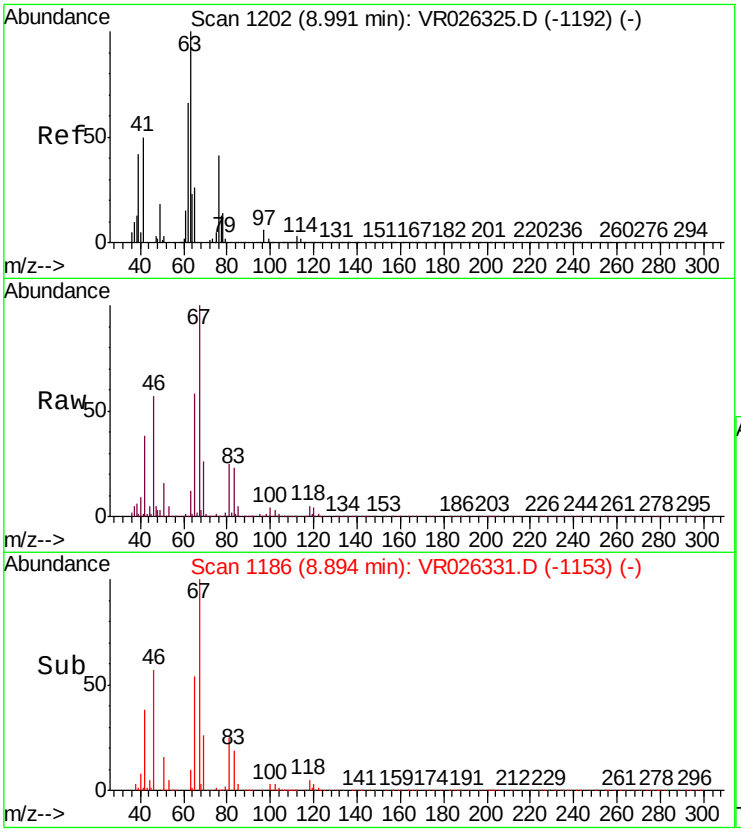


#34
Trichloroethene
Concen: 27.007 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 95 Resp: 1302739

Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.6	86.6
132	88.0	61.9	114.9
130	92.9	64.3	119.5



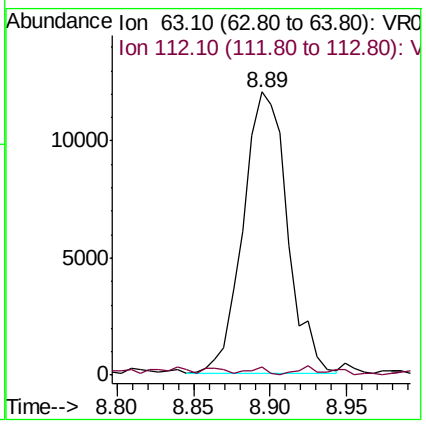


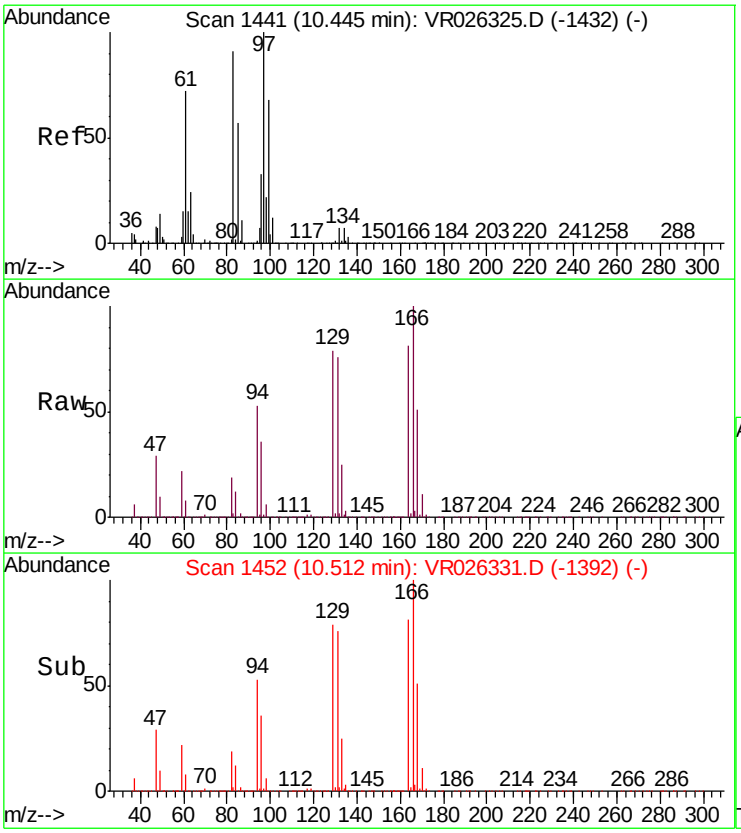
#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_R
ClientSampleId :
ESXF1

Tgt Ion: 63 Resp: 24287

Ion	Ratio	Lower	Upper
63	100		
112	1.2	3.3	4.9#

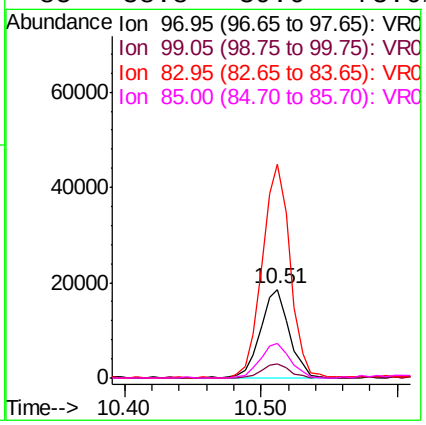


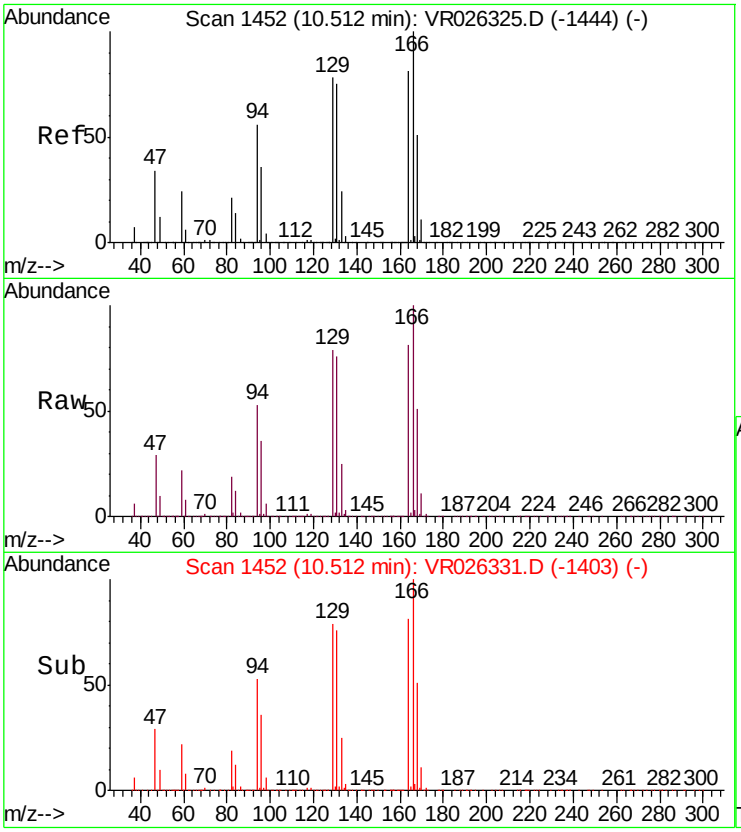


#45
1,1,2-Trichloroethane
Concen: 1.644 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.07 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 97 Resp: 27730

Ion	Ratio	Lower	Upper
97	100		
99	15.5	43.0	80.0#
83	240.4	61.5	114.3#
85	38.8	39.6	73.6#



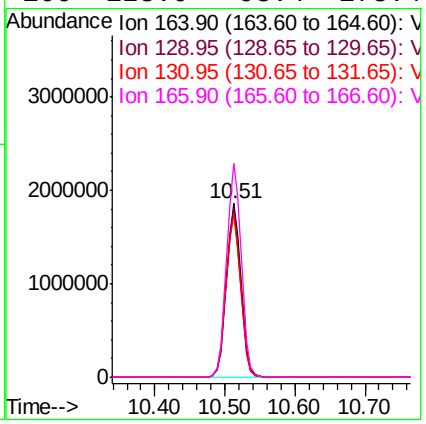


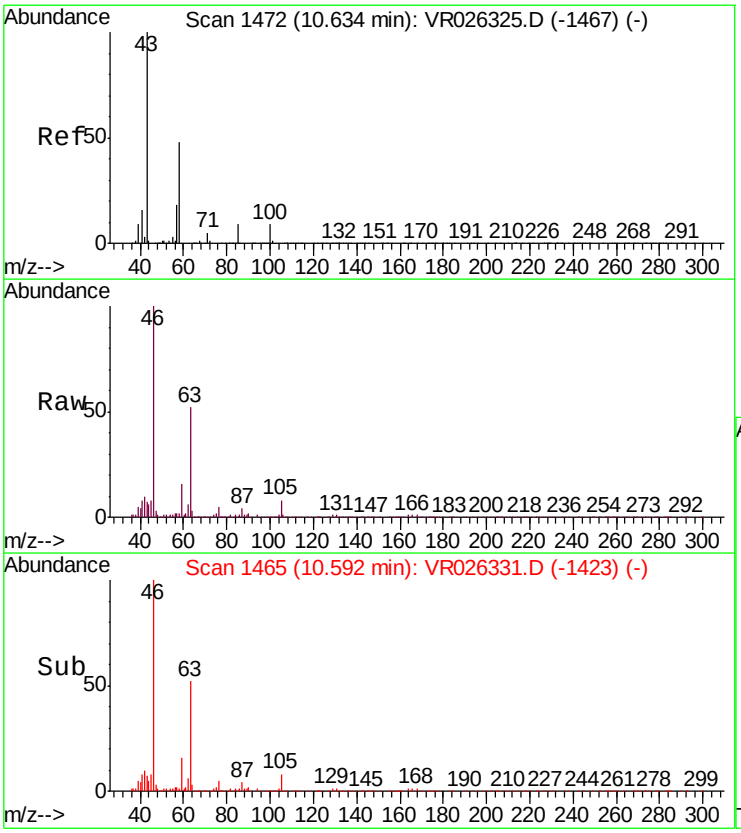
#47
Tetrachloroethene
Concen: 72.273 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_R
ClientSampleId :
ESXF1

Tgt Ion:164 Resp: 2675071

Ion	Ratio	Lower	Upper
164	100		
129	97.0	71.5	132.9
131	94.0	72.8	135.2
166	123.0	93.4	173.4

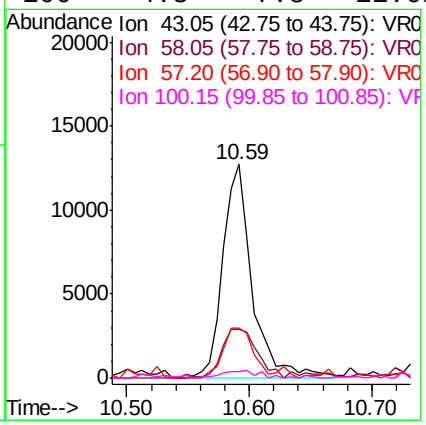


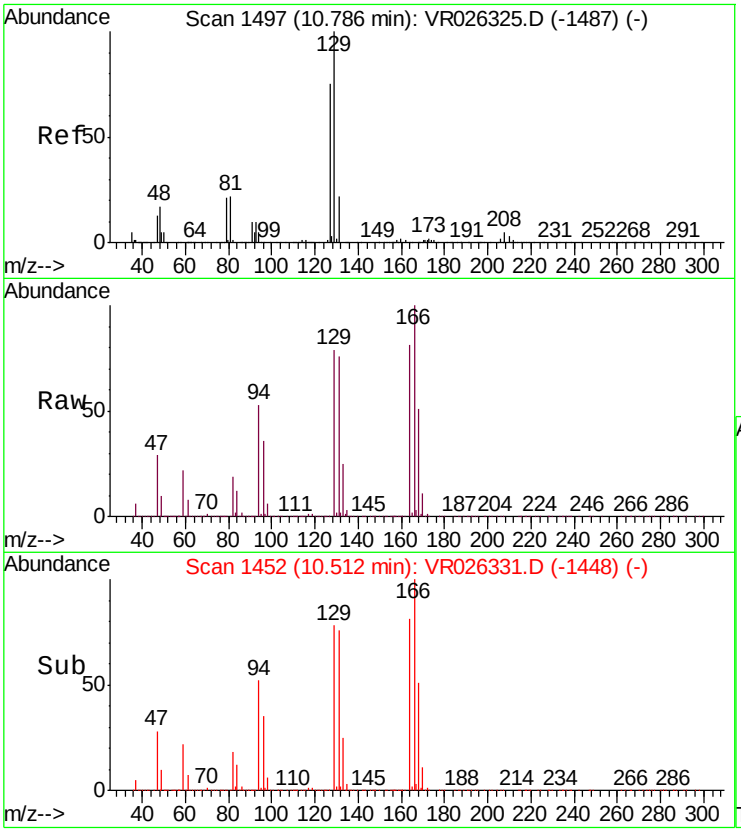


#48
2-Hexanone
Concen: 3.363 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Tgt Ion: 43 Resp: 21054

Ion	Ratio	Lower	Upper
43	100		
58	27.7	41.2	61.8#
57	23.8	13.8	20.8#
100	4.3	7.8	11.6#





#49
Dibromochloromethane
Concen: 97.627 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026331.D
Acq: 15 Feb 2019 15:45

Instrument :
MSVOA_R
ClientSampleId :
ESXF1

Tgt Ion:129 Resp: 2116378

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.4	95.5#