Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022719\

Quantitation Report (Not Reviewed)

Data File : VR026405.D
Acq On : 27 Feb 2019 15:39
Operator : SY/MD
Sample : K1588-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : C09L9

Quant Time: Feb 28 07:34:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	544069	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.28	117	435427	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	132076	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	145798	2.74	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.80%				
7) Chloroethane-d5	2.62	69	143571	3.29	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 65.80%				
11) 1,1-Dichloroethene-d2	3.61	63	440725	3.53	ug/L		0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%				
20) 2-Butanone-d5	6.59	46	185955	47.87	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.74%				
24) Chloroform-d	7.20	84	332027	3.83	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.60%				
26) 1,2-Dichloroethane-d4	7.90	65	138447	3.93	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.60%				
32) Benzene-d6	7.85	84	566690	3.46	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.20%#				
36) 1,2-Dichloropropane-d6	8.90	67	162410	3.91	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.20%				
41) Toluene-d8	9.97	98	479741	3.25	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.00%#				
43) trans-1,3-Dichloropropene-	10.23	79	32828	3.00	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.00%				
46) 2-Hexanone-d5	10.59	63	143869	52.08	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.16%				
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60475	3.84	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 76.80%				
64) 1,2-Dichlorobenzene-d4	13.52	152	103161	4.52	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	3.63	96	215510	4.534	ug/L		79
13) Acetone	3.70	43	11171	3.197	ug/L		87
15) Methyl Acetate	3.93	43	31451	3.180	ug/L	#	57
19) 1,1-Dichloroethane	5.69	63	138244	1.741	ug/L		97
22) cis-1,2-Dichloroethene	6.67	96	167797	4.609	ug/L	#	90
25) Chloroform	7.23	83	226913	2.979	ug/L		94
27) 1,2-Dichloroethane	7.98	62	11420	0.317	ug/L		98
29) 1,1,1-Trichloroethane	7.43	97	13105	0.208	ug/L		98
31) Carbon tetrachloride	7.63	117	2139875	36.484	ug/L		100
34) Trichloroethene	8.71	95	1649723	39.190	ug/L		97
35) Methylcyclohexane	8.89	83	40345	0.676	ug/L	#	14
47) Tetrachloroethene	10.51	164	146745	4.808	ug/L		95
48) 2-Hexanone	10.59	43	24869	3.704	ug/L	#	73
49) Dibromochloromethane	10.51	129	141580	7.758	ug/L	#	13

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022719\

Quantitation Report (Not Reviewed)

Data File : VR026405.D
Acq On : 27 Feb 2019 15:39
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Instrument : MSVOA_R
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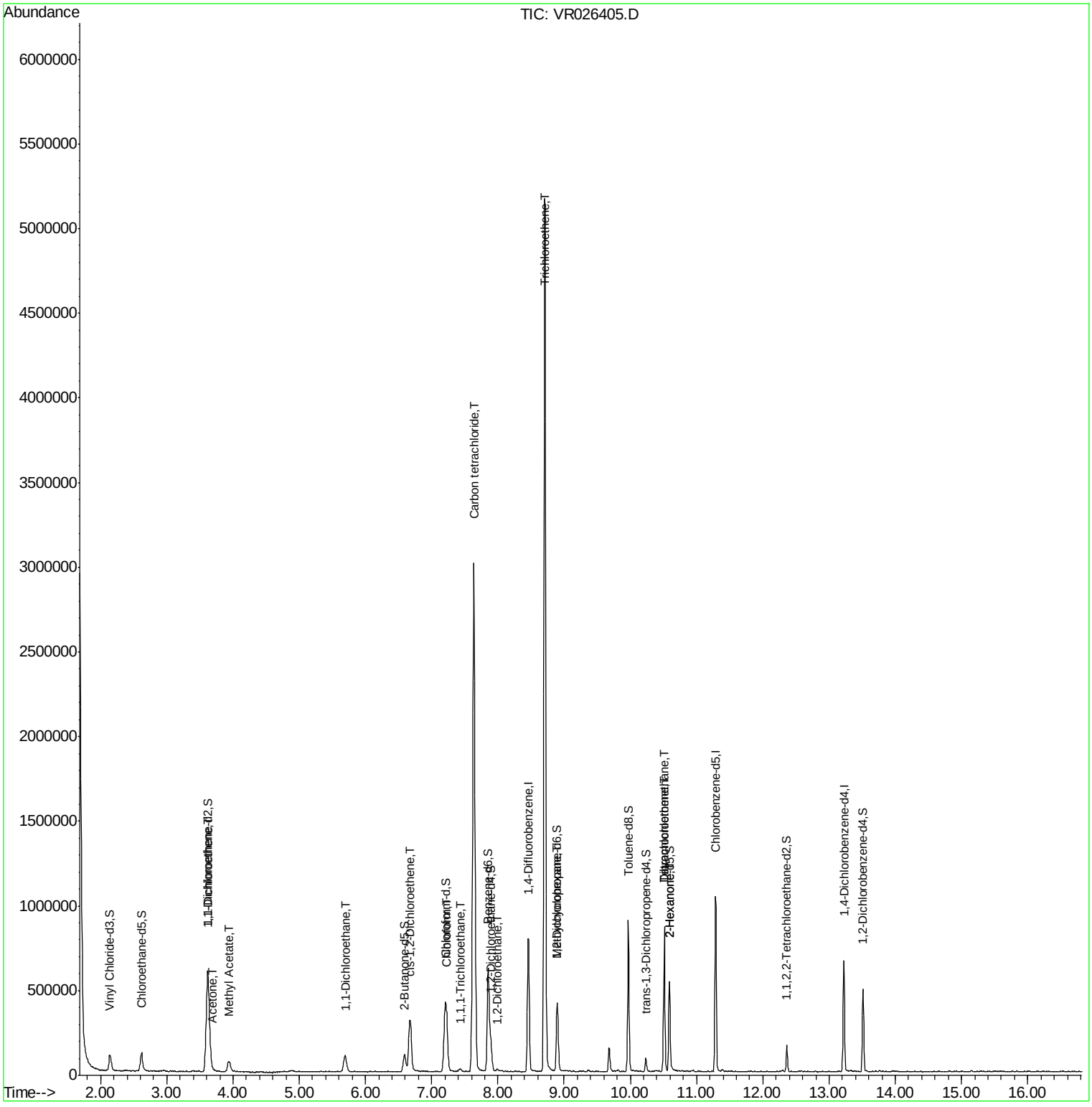
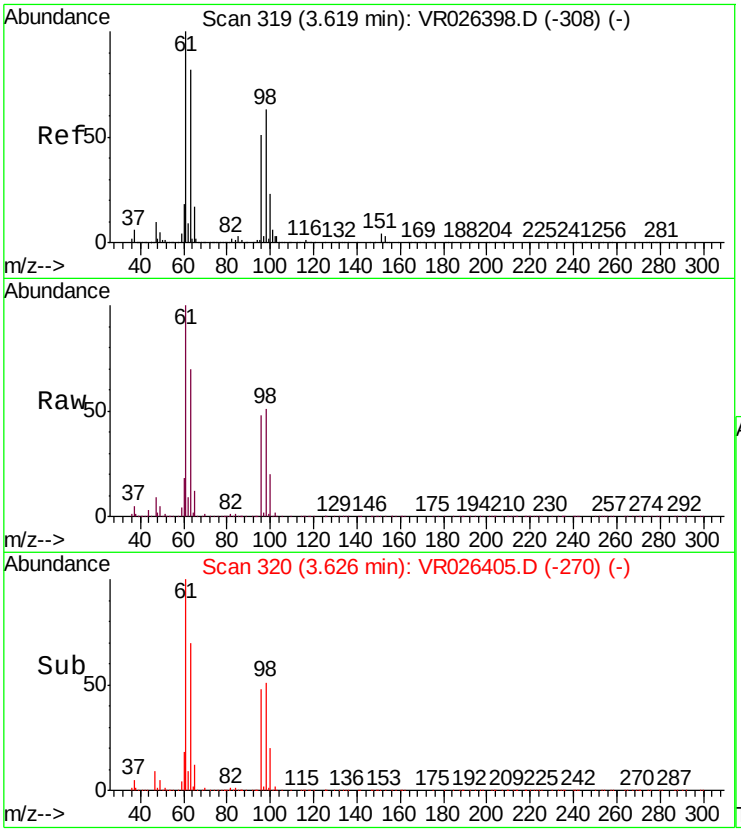
Quant Time: Feb 28 07:34:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration



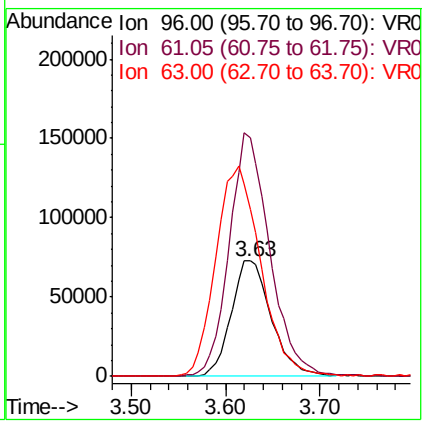


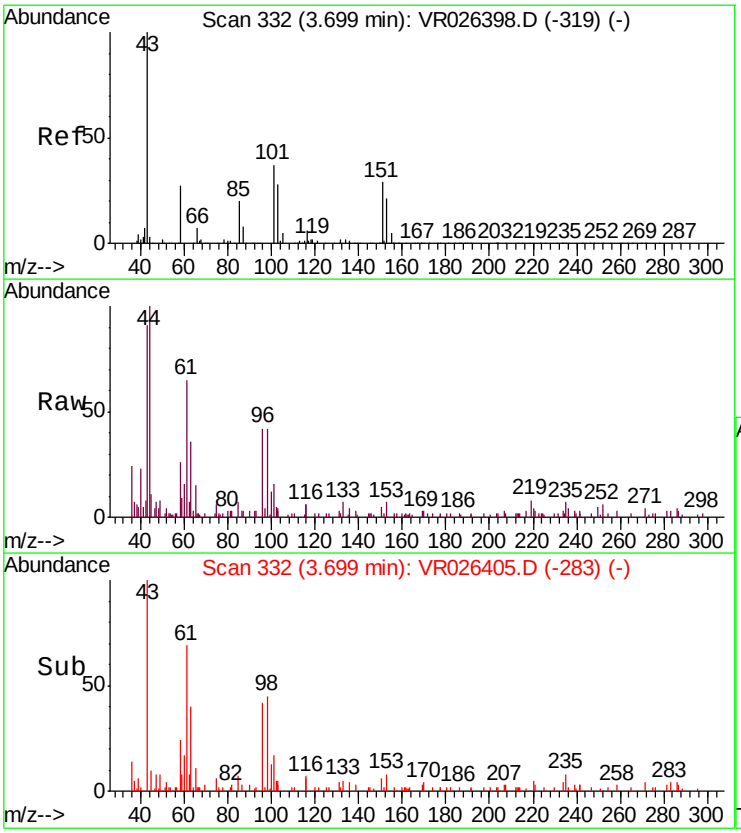
#12
1,1-Dichloroethene
Concen: 4.534 ug/L
RT: 3.63 min Scan# 320
Delta R.T. 0.01 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Instrument : MSVOA_R
ClientSampleId : C09L9

Tgt Ion: 96 Resp: 215510

Ion	Ratio	Lower	Upper
96	100		
61	207.2	135.9	252.5
63	145.2	136.6	253.6

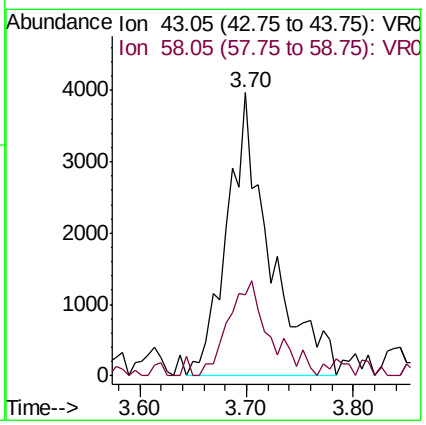


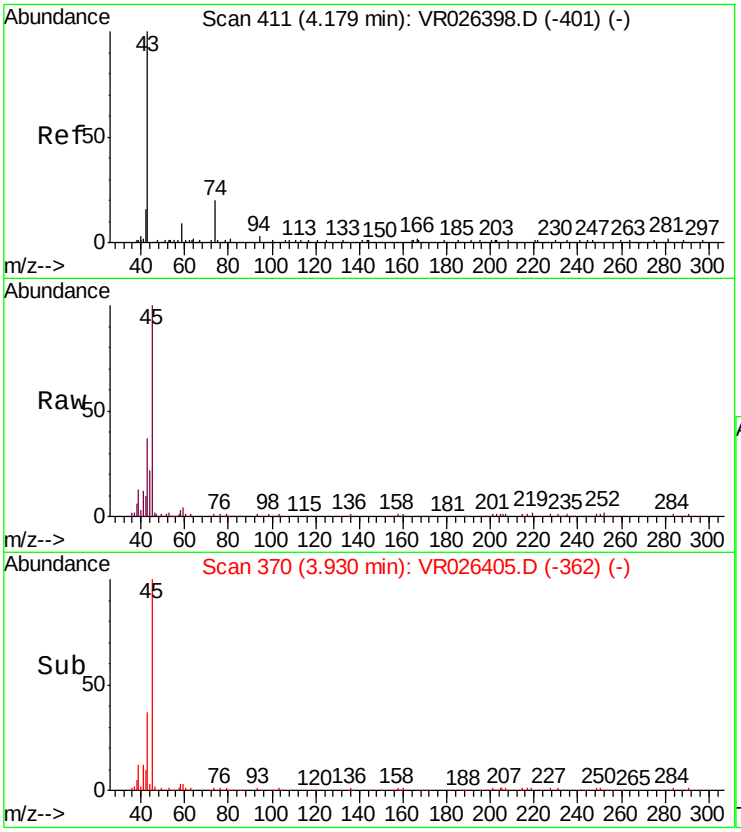


#13
Acetone
Concen: 3.197 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.00 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Tgt Ion: 43 Resp: 11171

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	52.2



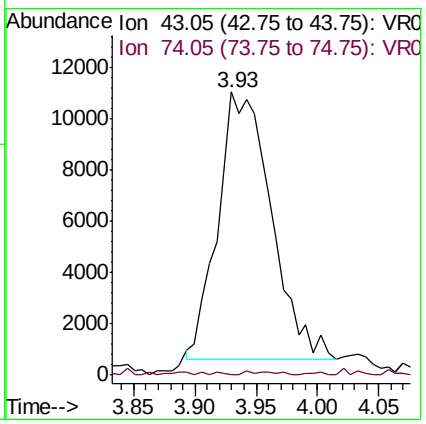


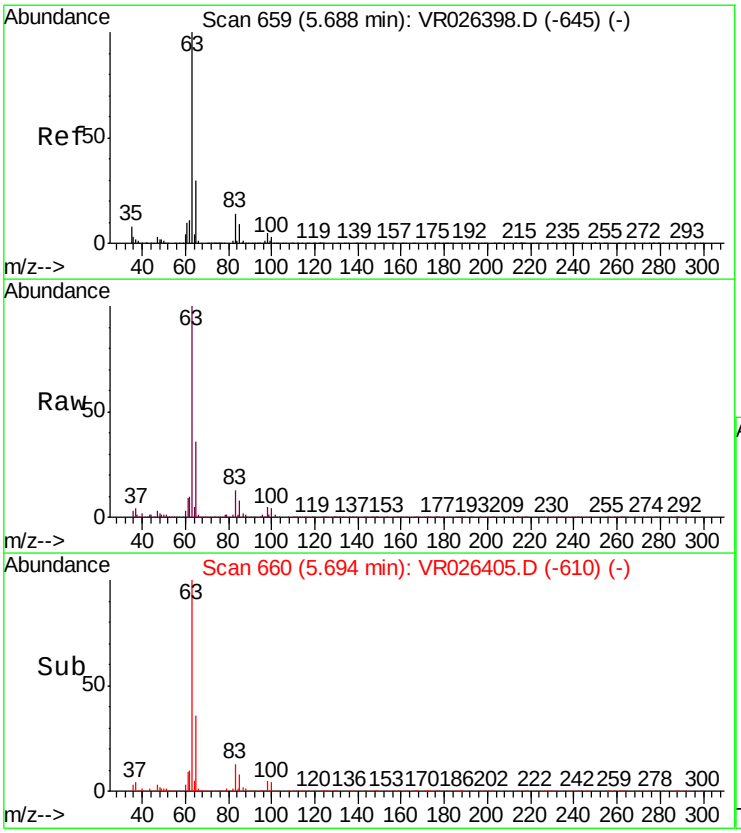
#15
Methyl Acetate
Concen: 3.180 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.25 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Instrument : MSVOA_R
ClientSampleId : C09L9

Tgt Ion: 43 Resp: 31451

Ion	Ratio	Lower	Upper
43	100		
74	0.7	16.6	25.0#

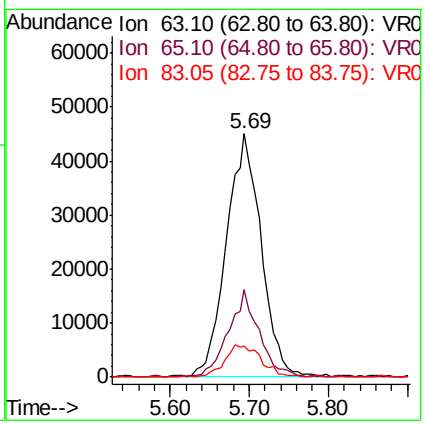


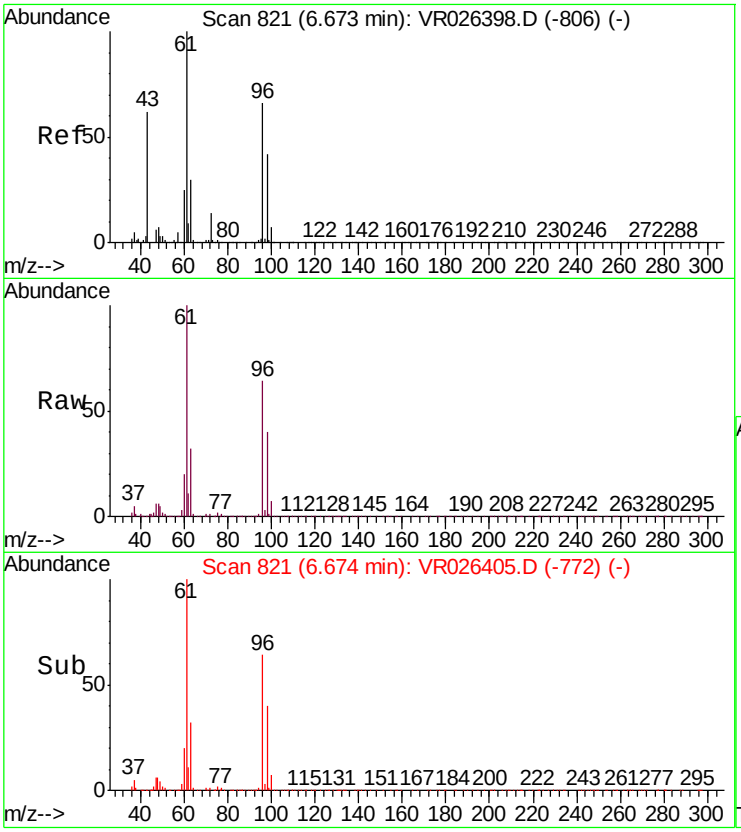


#19
1,1-Dichloroethane
Concen: 1.741 ug/L
RT: 5.69 min Scan# 660
Delta R.T. 0.01 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Tgt Ion: 63 Resp: 138244

Ion	Ratio	Lower	Upper
63	100		
65	35.9	23.6	43.8
83	13.0	8.8	16.4



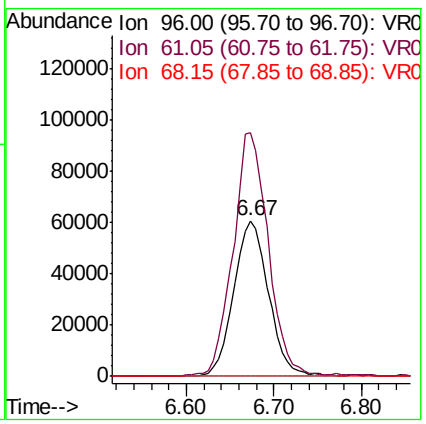


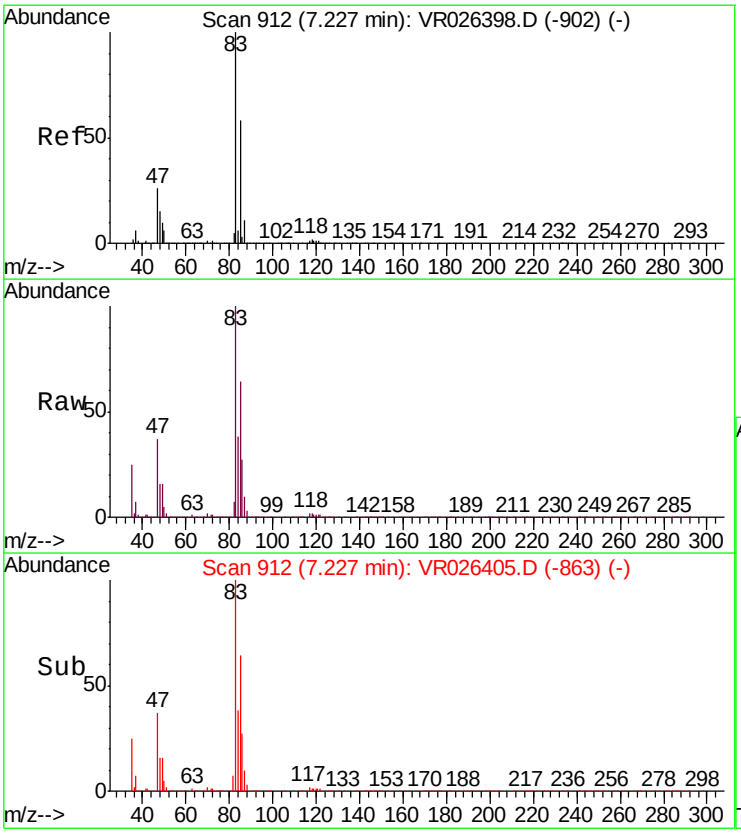
#22
cis-1,2-Dichloroethene
Concen: 4.609 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Instrument :
MSVOA_R
ClientSampleId :
C09L9

Tgt Ion: 96 Resp: 167797

Ion	Ratio	Lower	Upper
96	100		
61	156.4	100.8	187.2
68	0.0	0.1	0.1#

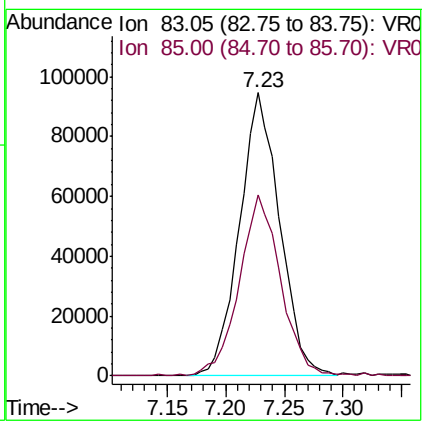


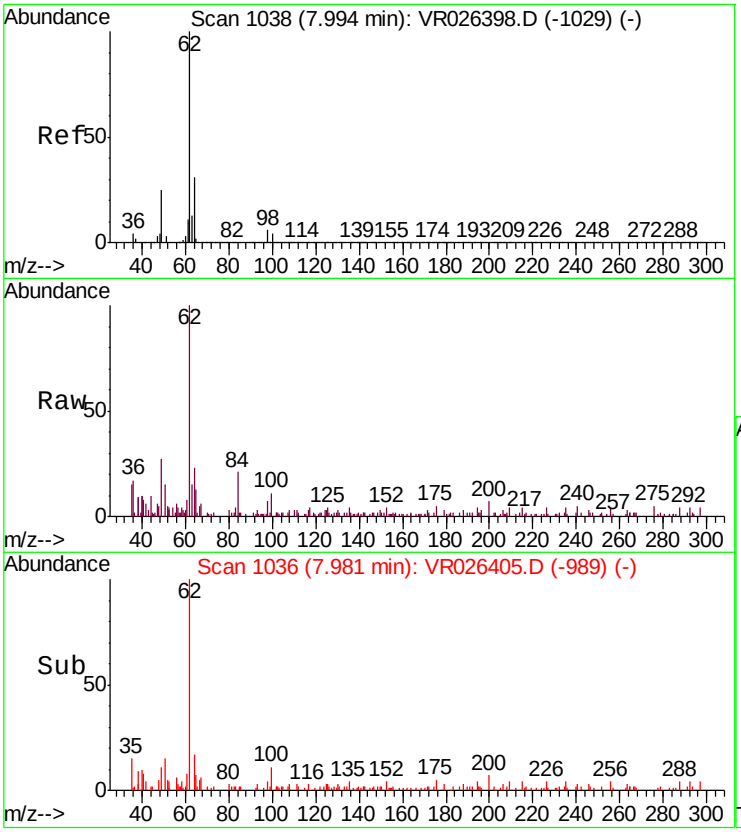


#25
Chloroform
Concen: 2.979 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Tgt Ion: 83 Resp: 226913

Ion	Ratio	Lower	Upper
83	100		
85	64.1	48.6	90.2



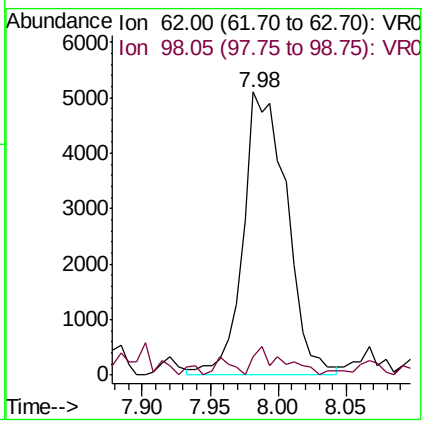


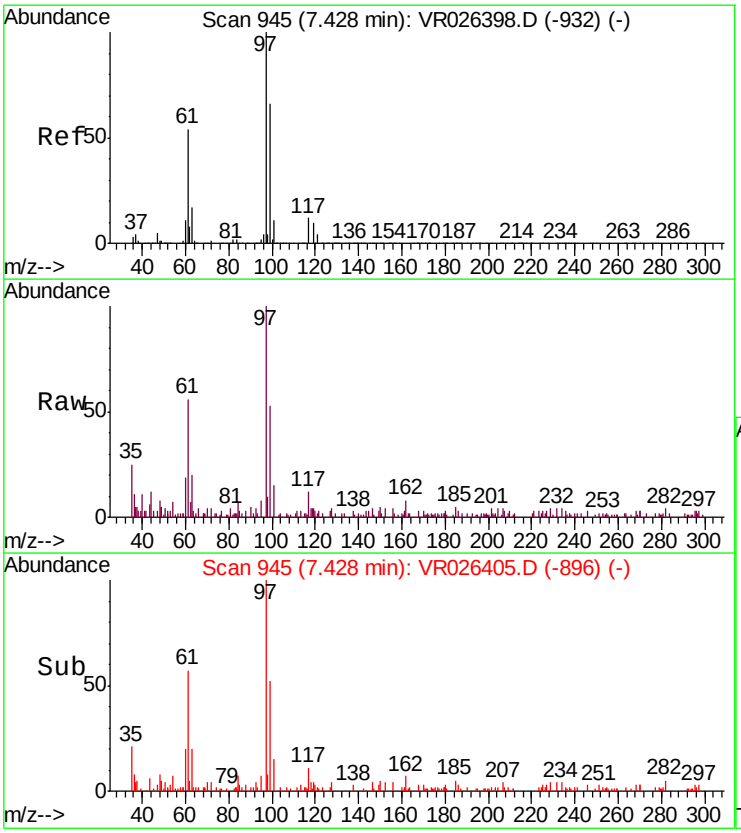
#27
1,2-Dichloroethane
Concen: 0.317 ug/L
RT: 7.98 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Instrument :
MSVOA_R
ClientSampleId :
C09L9

Tgt Ion: 62 Resp: 11420

Ion	Ratio	Lower	Upper
62	100		
98	6.5	5.7	8.5

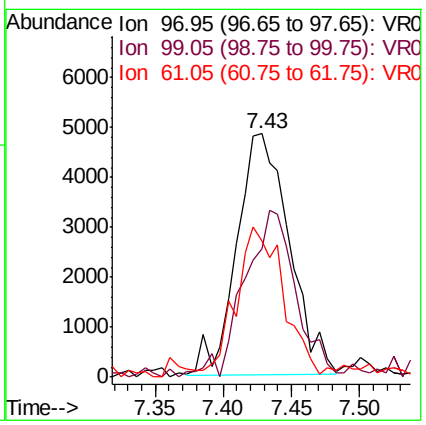


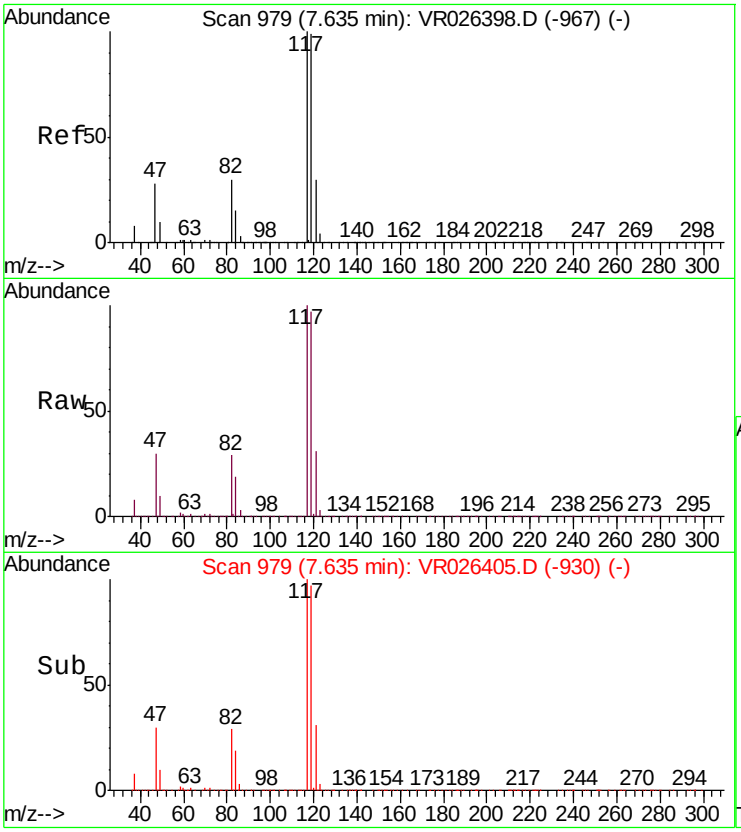


#29
1,1,1-Trichloroethane
Concen: 0.208 ug/L
RT: 7.43 min Scan# 945
Delta R.T. 0.00 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Tgt Ion: 97 Resp: 13105

Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.6	77.4
61	51.7	41.8	62.6



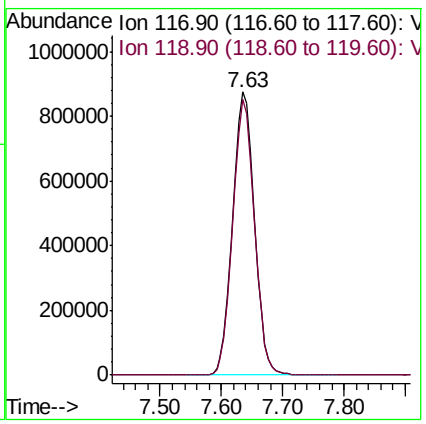


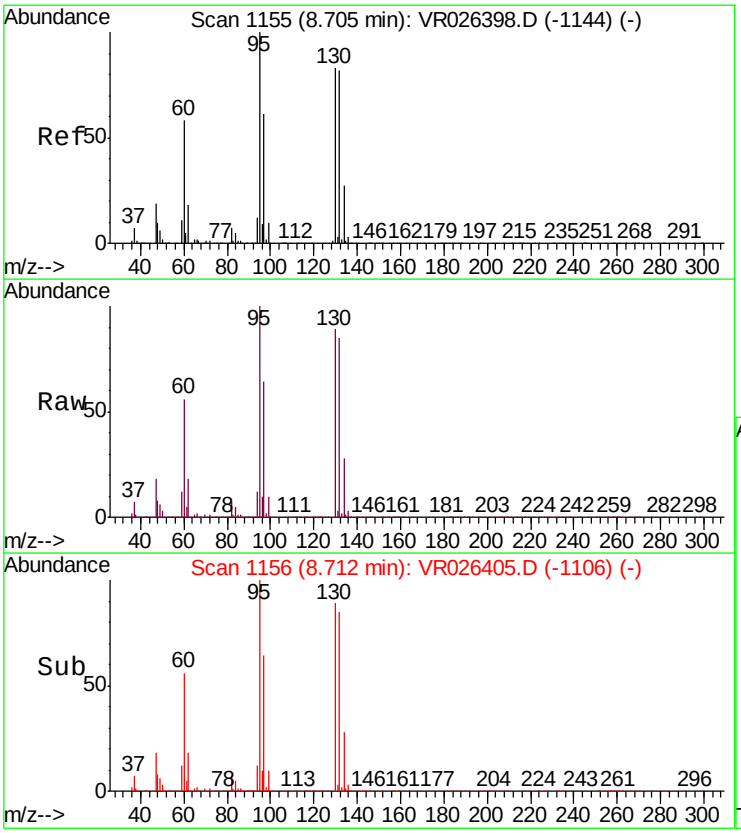
#31
Carbon tetrachloride
Concen: 36.484 ug/L
RT: 7.63 min Scan# 979
Delta R.T. 0.00 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Instrument : MSVOA_R
ClientSampleId : C09L9

Tgt Ion:117 Resp: 2139875

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.6

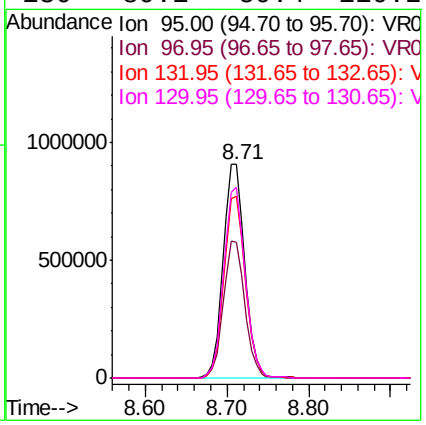


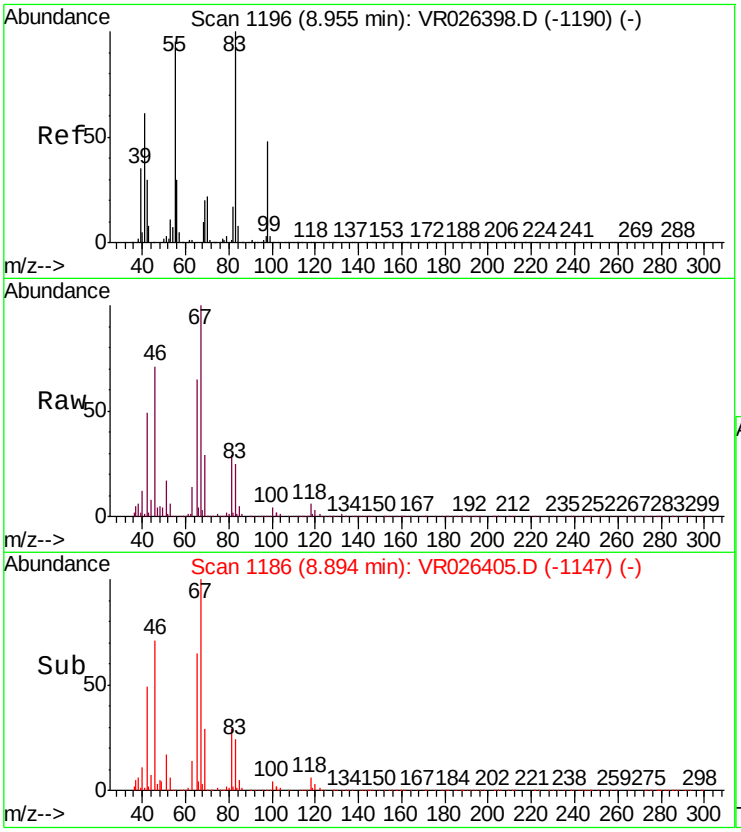


#34
Trichloroethene
Concen: 39.190 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Tgt Ion: 95 Resp: 1649723

Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.5	80.7
132	85.0	58.6	108.8
130	89.1	59.4	110.2



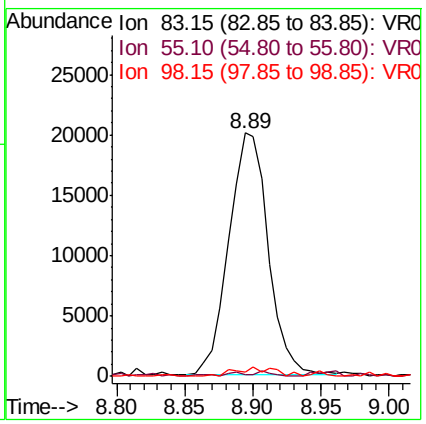


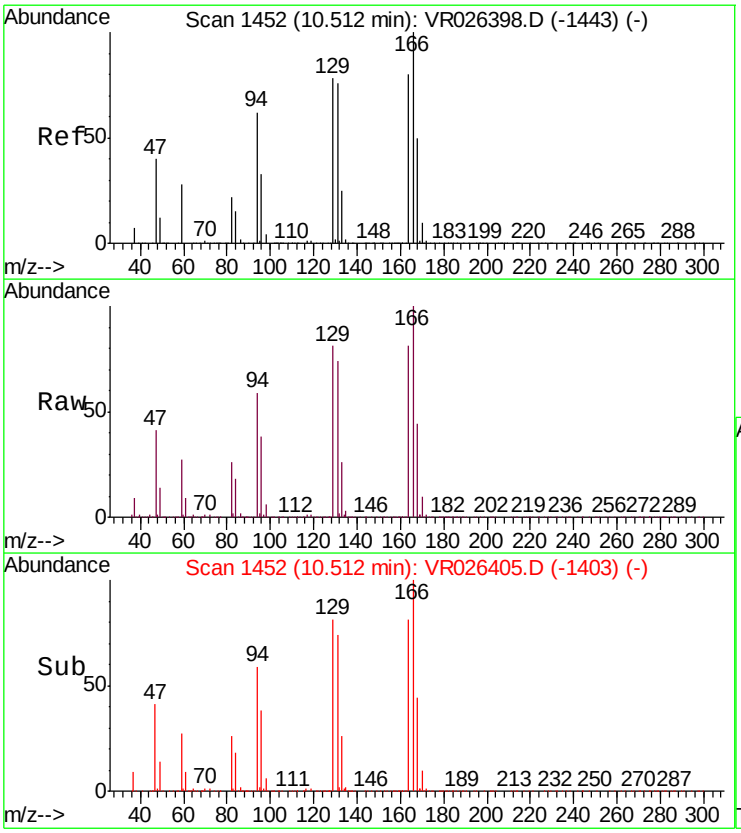
#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Instrument : MSVOA_R
ClientSampleId : C09L9

Tgt Ion: 83 Resp: 40345

Ion	Ratio	Lower	Upper
83	100		
55	0.8	72.2	108.2#
98	0.0	35.0	52.4#

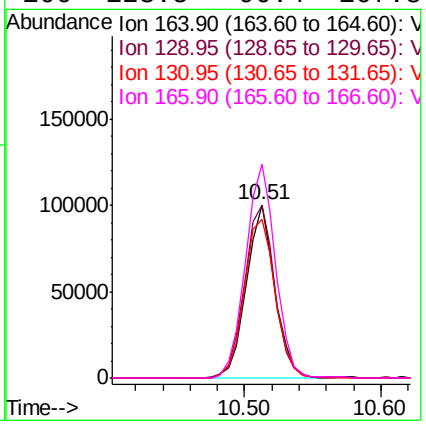


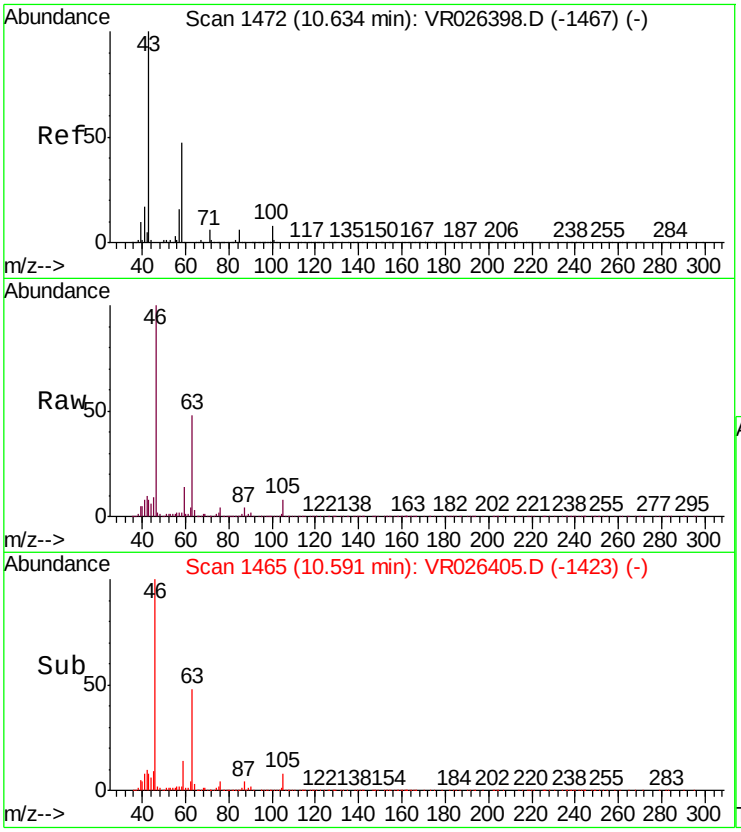


#47
Tetrachloroethene
Concen: 4.808 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Tgt Ion:164 Resp: 146745

Ion	Ratio	Lower	Upper
164	100		
129	100.1	67.2	124.8
131	91.6	67.3	125.1
166	123.5	90.4	167.8



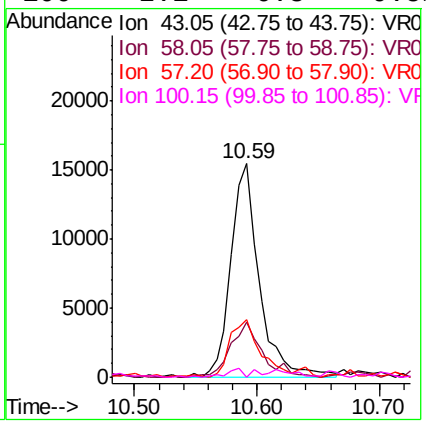


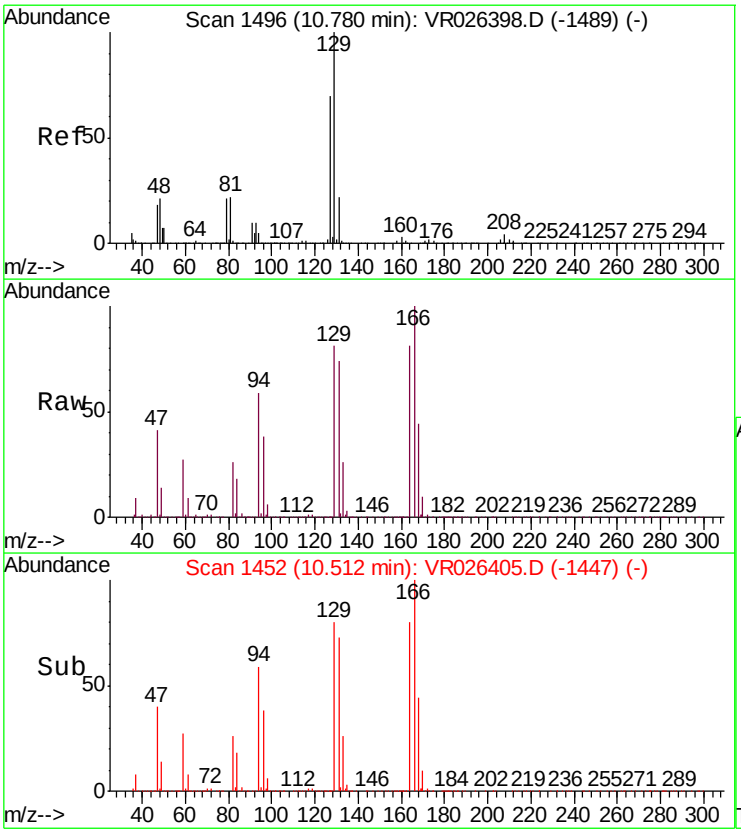
#48
2-Hexanone
Concen: 3.704 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Instrument : MSVOA_R
ClientSampleId : C09L9

Tgt Ion: 43 Resp: 24869

Ion	Ratio	Lower	Upper
43	100		
58	29.0	38.4	57.6#
57	28.5	13.2	19.8#
100	2.1	6.3	9.5#





#49
Dibromochloromethane
Concen: 7.758 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026405.D
Acq: 27 Feb 2019 15:39

Tgt Ion:129 Resp: 141580

Ion	Ratio	Lower	Upper
129	100		
127	0.8	52.1	96.7#