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

Quantitation Report (Not Reviewed)

Data File : VR026329.D
Acq On : 15 Feb 2019 14:38
Operator : SY/MD
Sample : K1488-22MSD
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : ESXF7MSD

Quant Time: Feb 16 03:23:43 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	568511	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	461716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133791	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	226882	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	2.63	69	189419	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.20%			
11) 1,1-Dichloroethene-d2	3.61	63	556866	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.40%			
20) 2-Butanone-d5	6.59	46	171137	51.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.56%			
24) Chloroform-d	7.20	84	359433	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	7.90	65	141173	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	7.85	84	751409	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	8.90	67	186586	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	9.97	98	666783	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	10.23	79	42783	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
46) 2-Hexanone-d5	10.59	63	127216	51.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.04%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61919	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.80%			
64) 1,2-Dichlorobenzene-d4	13.52	152	120117	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			

Target Compounds						Qvalue
3) Chloromethane	2.00	50	15211	0.254	ug/L #	83
5) Vinyl chloride	2.17	62	299488	4.971	ug/L	98
12) 1,1-Dichloroethene	3.63	96	243114	4.476	ug/L	83
18) trans-1,2-Dichloroethene	4.89	96	141289	2.866	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	2376015	59.754	ug/L #	90
30) Cyclohexane	7.52	56	38203	0.628	ug/L	97
33) Benzene	7.91	78	873558	4.782	ug/L	100
34) Trichloroethene	8.71	95	775452	16.462	ug/L	98
35) Methylcyclohexane	8.96	83	13514	0.206	ug/L #	80
37) 1,2-Dichloropropane	8.89	63	22989	0.583	ug/L #	92
42) Toluene	10.03	91	925091	4.927	ug/L	99
44) trans-1,3-Dichloropropene	10.24	75	2769	0.092	ug/L #	79
47) Tetrachloroethene	10.51	164	884732	24.478	ug/L	92
48) 2-Hexanone	10.59	43	19602	3.206	ug/L #	67
49) Dibromochloromethane	10.51	129	704776	33.292	ug/L #	13
51) Chlorobenzene	11.32	112	490548	4.569	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : VR026329.D
Acq On : 15 Feb 2019 14:38
Operator : SY/MD
Sample : K1488-22MSD
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXF7MSD

Quant Time: Feb 16 03:23:43 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 : VR026329.D
Acq On : 15 Feb 2019 14:38
Operator : SY/MD
Sample : K1488-22MSD
Misc : 25mL/MSVOA_R/WATER
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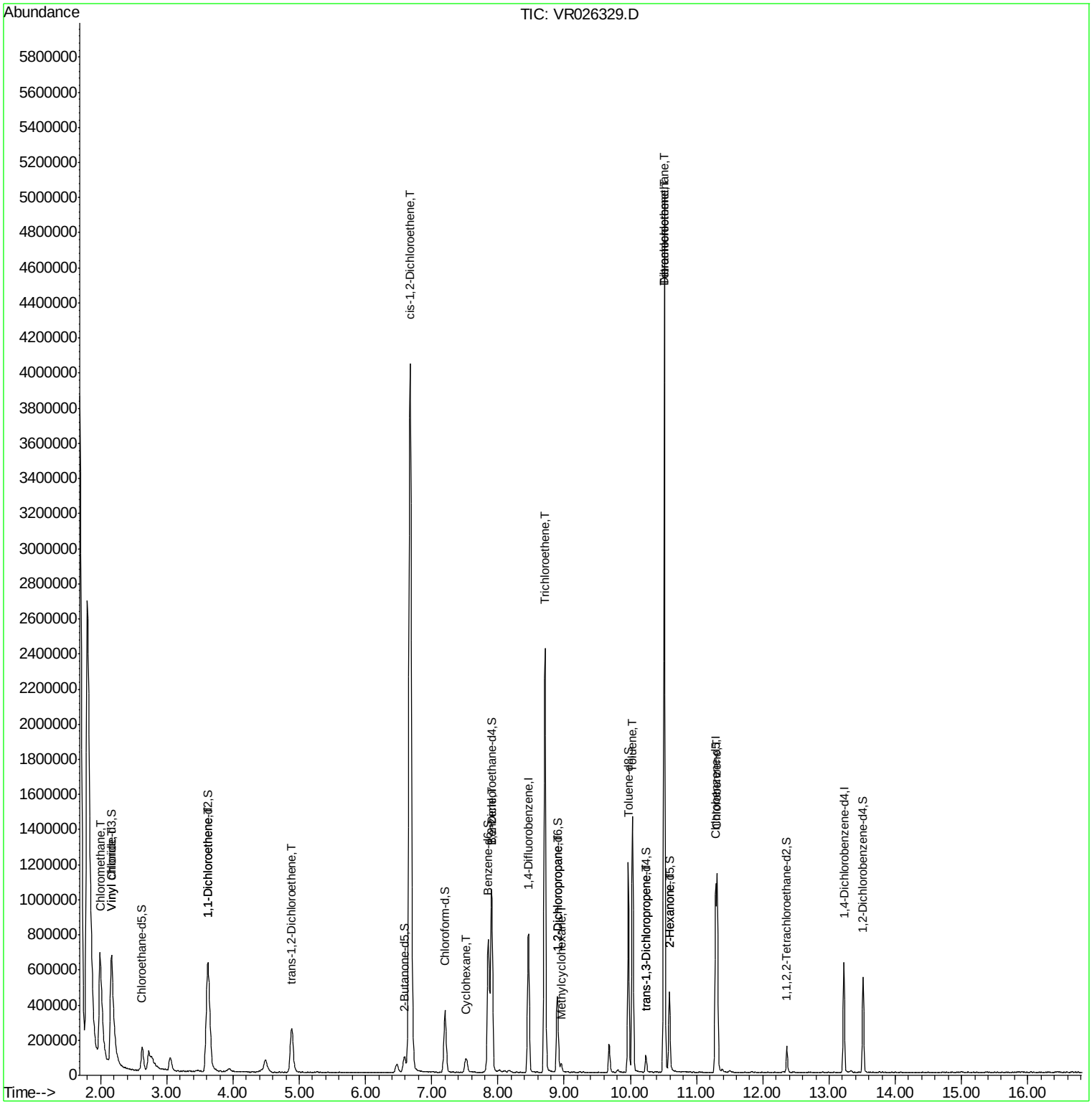
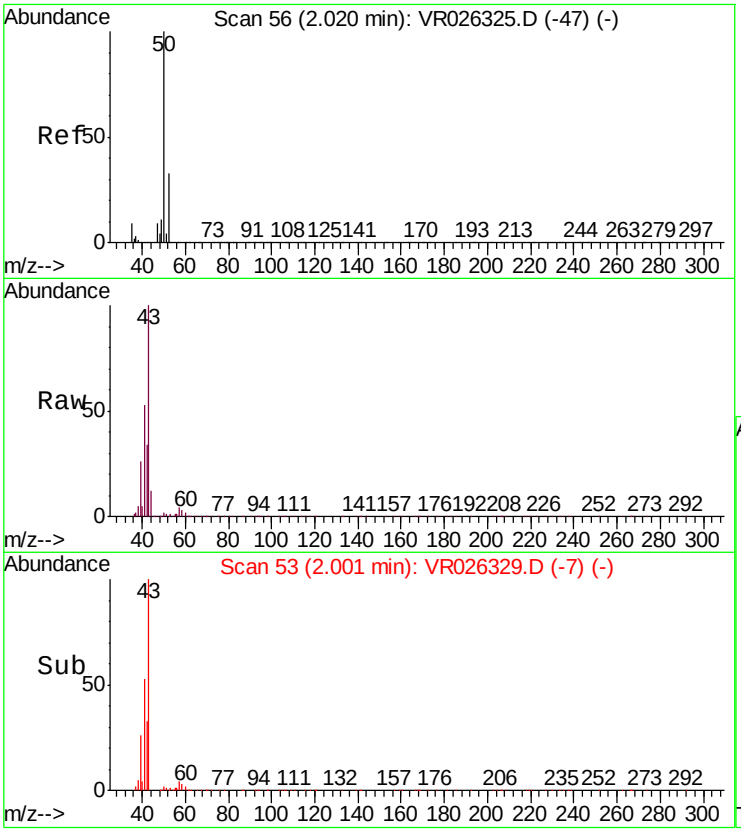
Instrument : MSVOA_R
ClientSampleId : ESXF7MSD

Quant Time: Feb 16 03:23:43 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



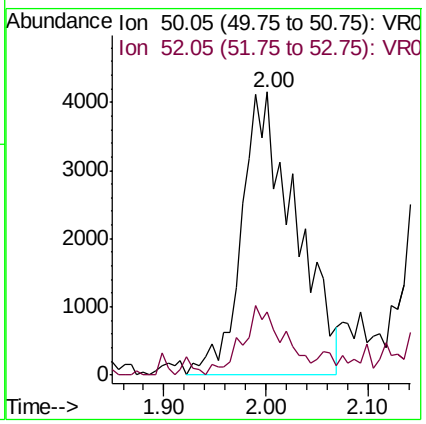


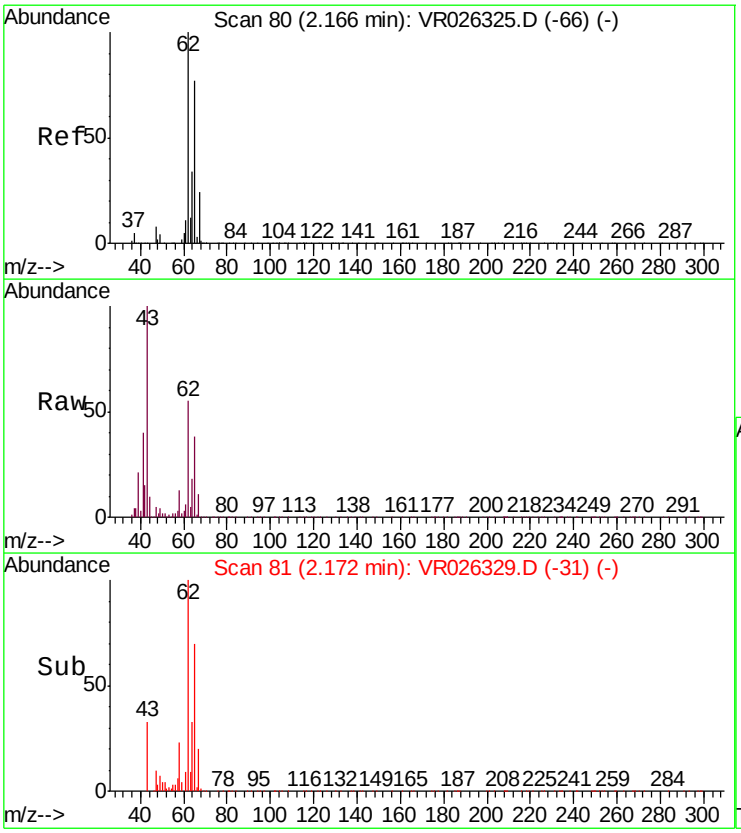
#3
Chloromethane
Concen: 0.254 ug/L
RT: 2.00 min Scan# 53
Delta R.T. -0.02 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
ESXF7MSD

Tgt Ion: 50 Resp: 15211

Ion	Ratio	Lower	Upper
50	100		
52	22.3	22.3	41.5#

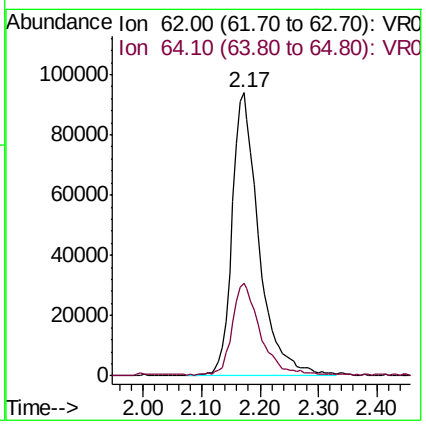


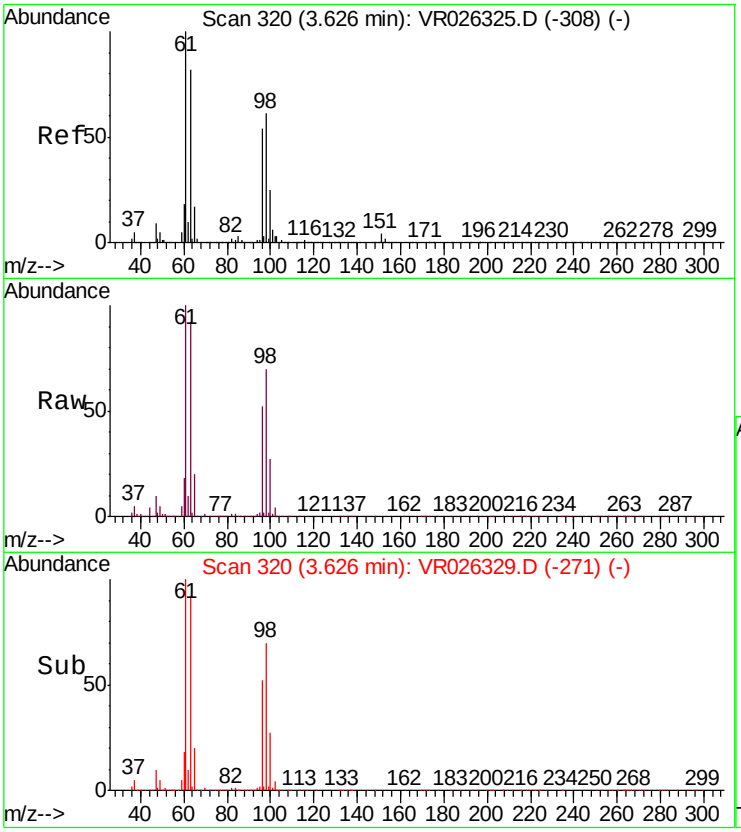


#5
Vinyl chloride
Concen: 4.971 ug/L
RT: 2.17 min Scan# 81
Delta R.T. 0.01 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion: 62 Resp: 299488

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.2	41.2



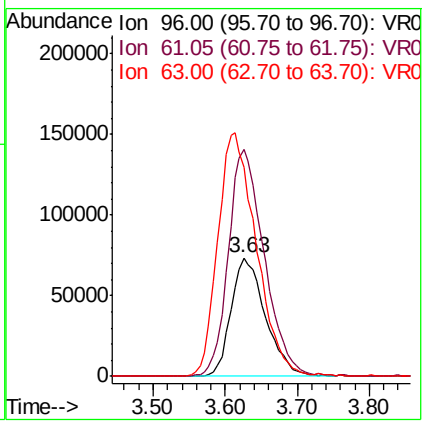


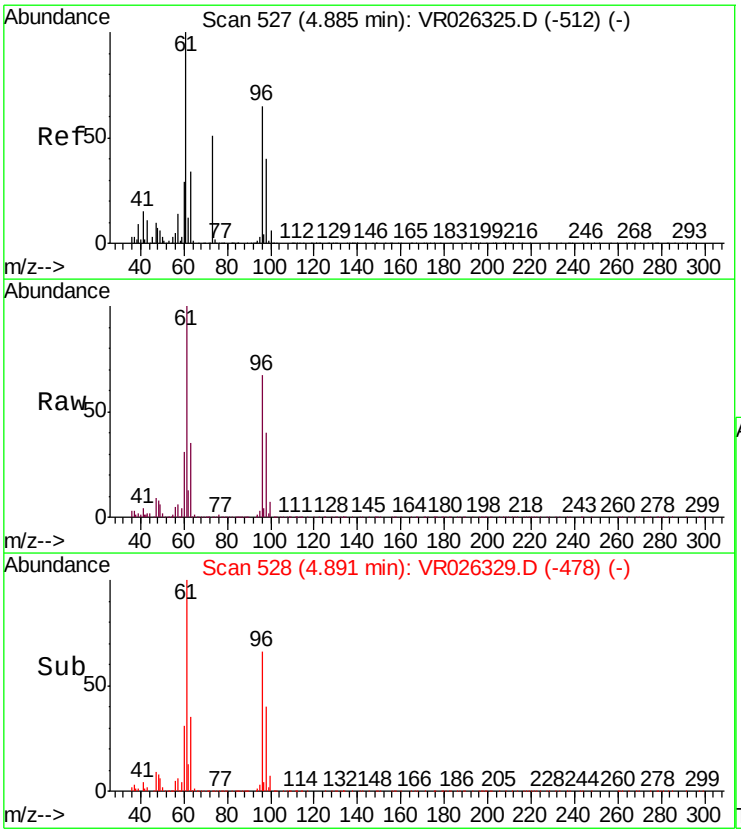
#12
1,1-Dichloroethene
Concen: 4.476 ug/L
RT: 3.63 min Scan# 320
Delta R.T. 0.00 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument : MSVOA_R
ClientSampleId : ESXF7MSD

Tgt Ion: 96 Resp: 243114

Ion	Ratio	Lower	Upper
96	100		
61	192.0	126.0	234.0
63	176.7	99.7	185.1

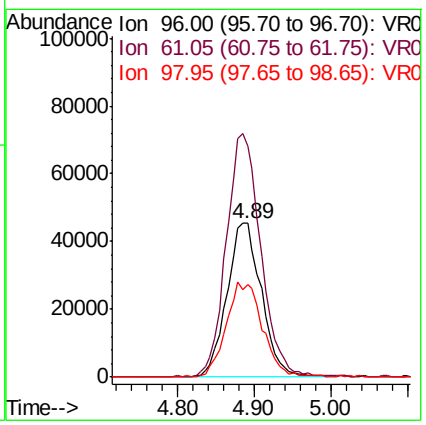


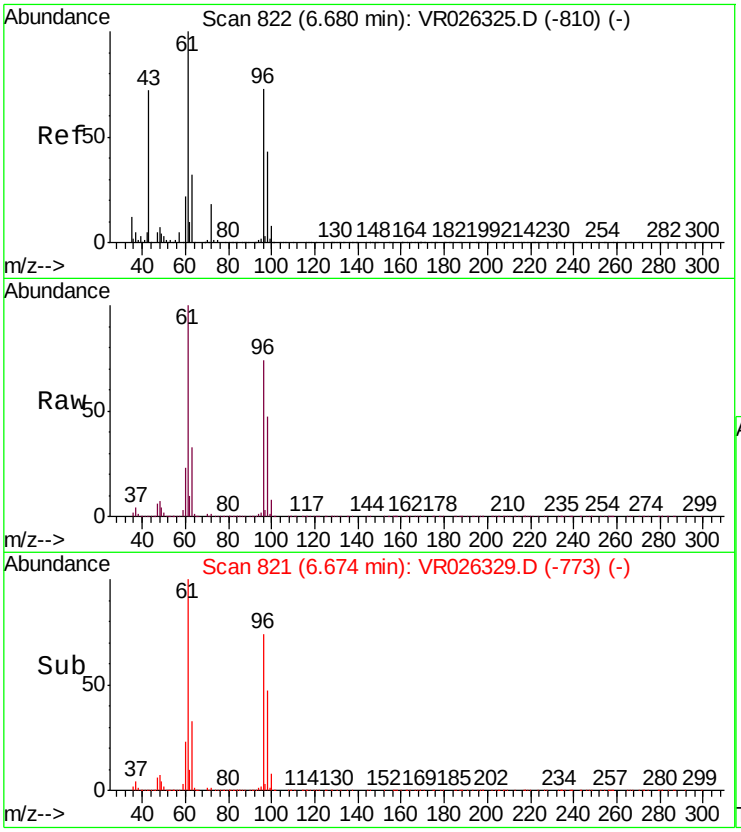


#18
trans-1,2-Dichloroethene
Concen: 2.866 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.01 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion: 96 Resp: 141289

Ion	Ratio	Lower	Upper
96	100		
61	150.2	102.5	190.3
98	60.1	43.9	81.5



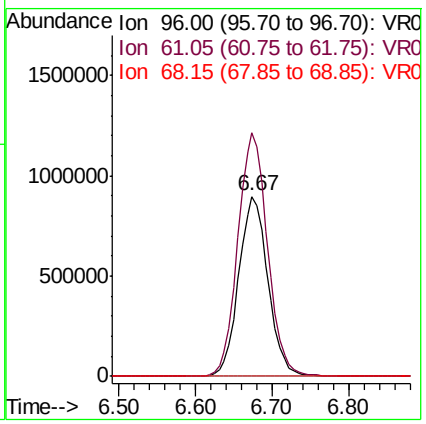


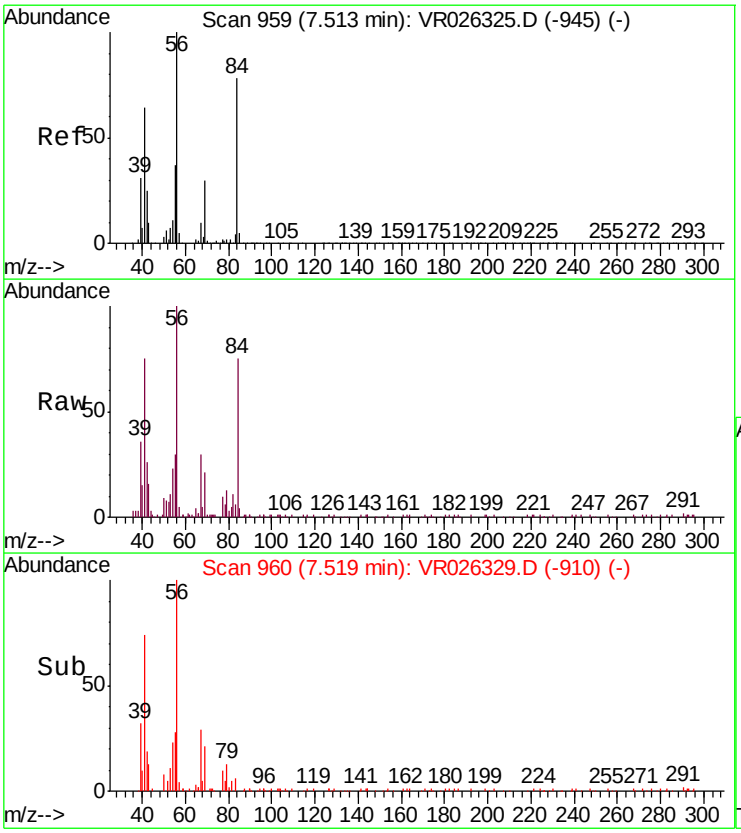
#22
cis-1,2-Dichloroethene
Concen: 59.754 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument : MSVOA_R
ClientSampleId : ESXF7MSD

Tgt Ion: 96 Resp: 2376015

Ion	Ratio	Lower	Upper
96	100		
61	135.2	103.3	191.9
68	0.0	0.1	0.3#

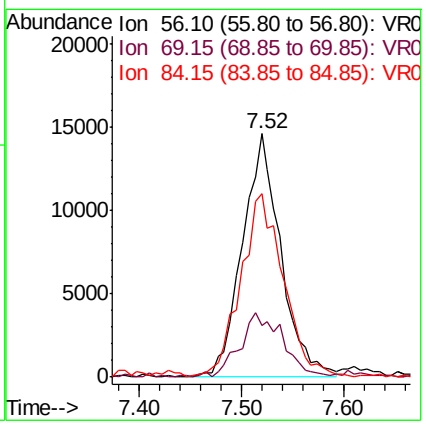


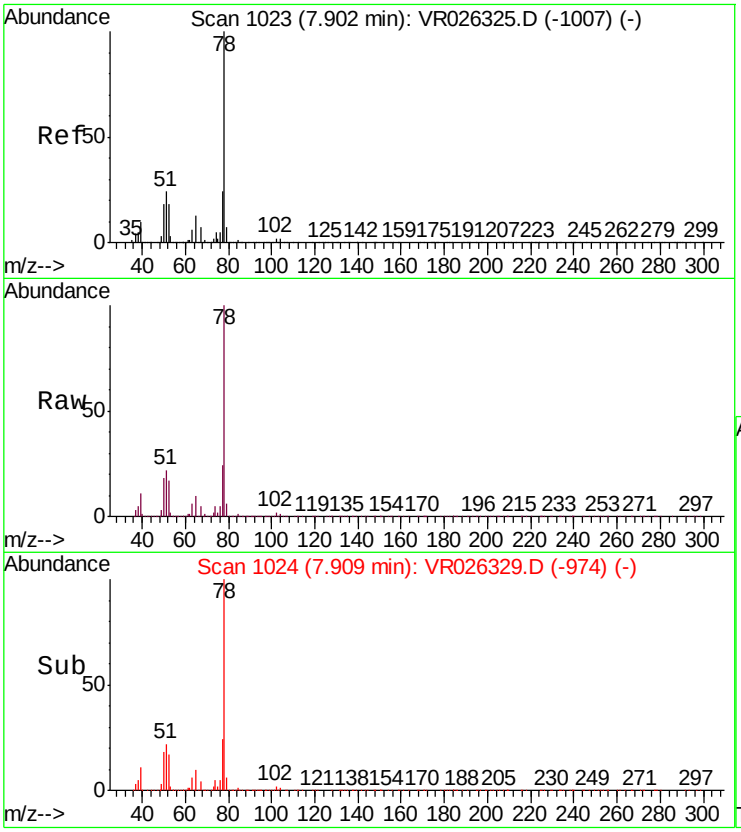


#30
Cyclohexane
Concen: 0.628 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.01 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion: 56 Resp: 38203

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.4	35.2
84	83.5	63.8	95.6

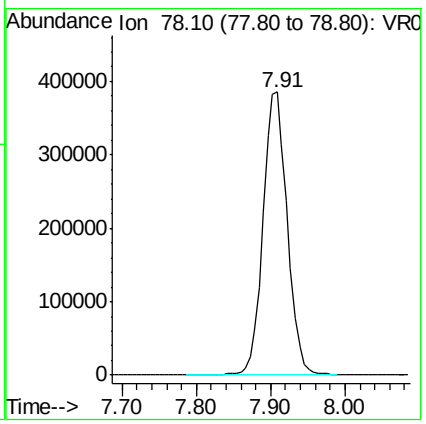


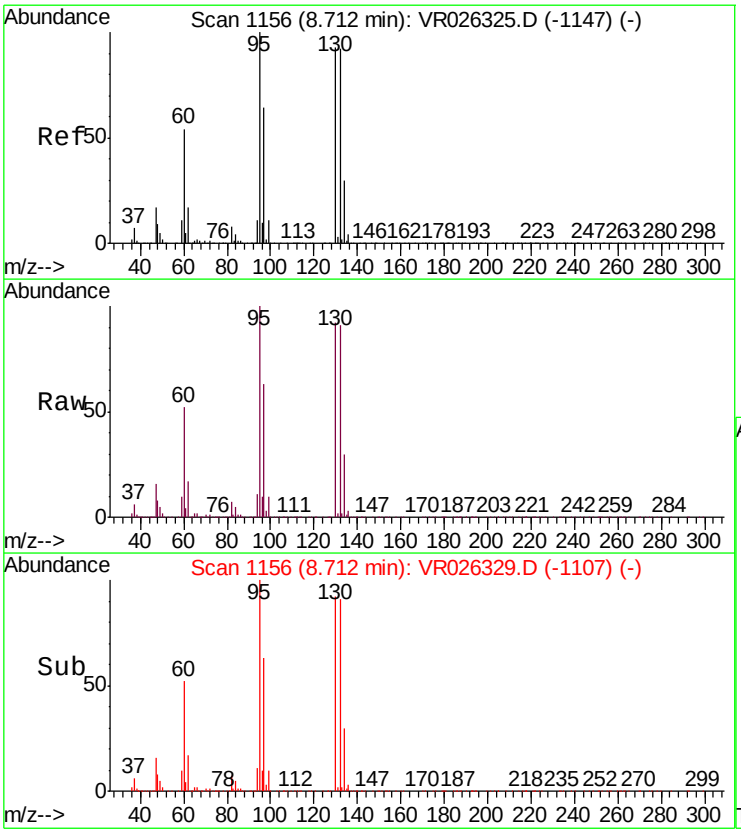


#33
Benzene
Concen: 4.782 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
ESXF7MSD

Tgt Ion: 78 Resp: 873558

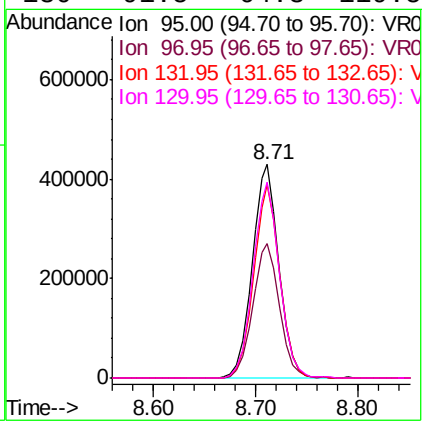


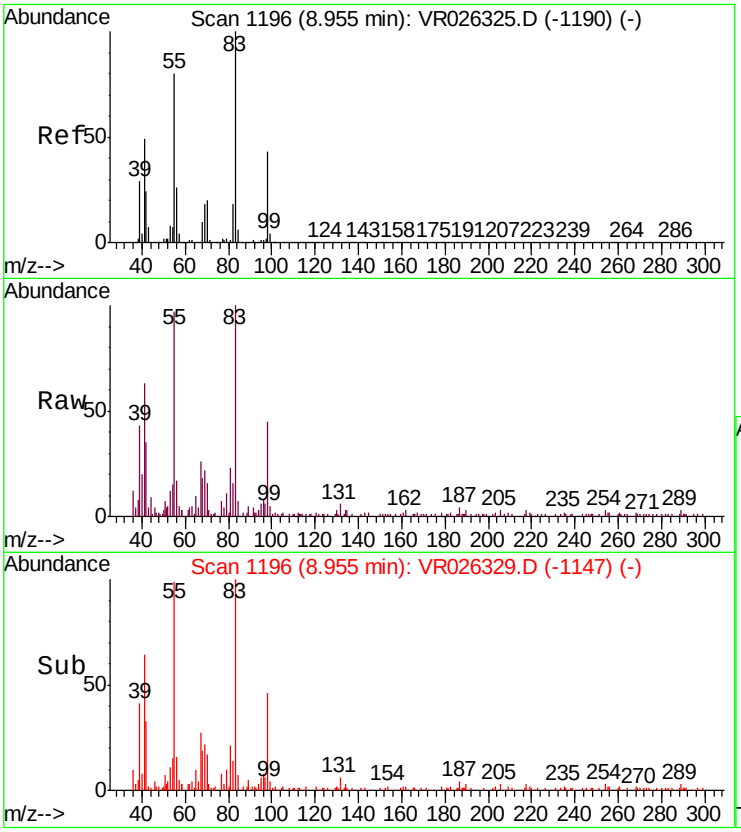


#34
Trichloroethene
Concen: 16.462 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion: 95 Resp: 775452

Ion	Ratio	Lower	Upper
95	100		
97	63.0	46.6	86.6
132	90.5	61.9	114.9
130	91.5	64.3	119.5



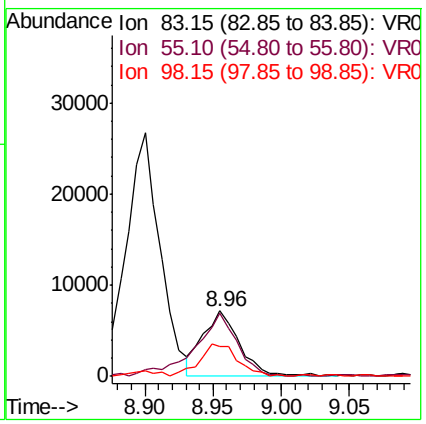


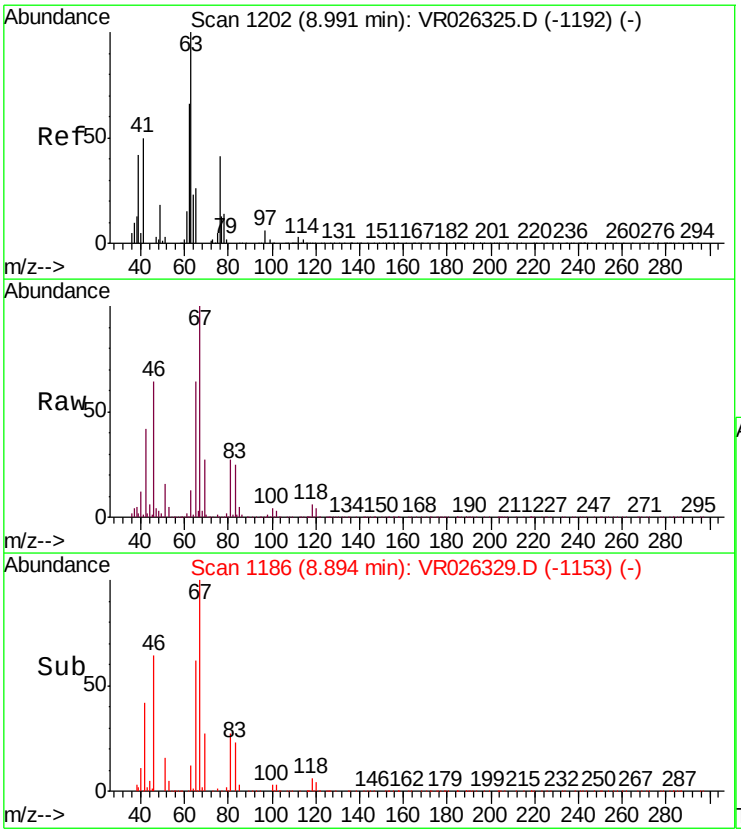
#35
Methylcyclohexane
Concen: 0.206 ug/L
RT: 8.96 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
ESXF7MSD

Tgt Ion: 83 Resp: 13514

Ion	Ratio	Lower	Upper
83	100		
55	109.6	68.8	103.2#
98	50.9	36.3	54.5

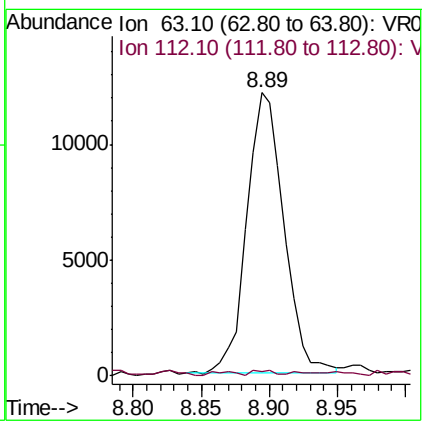


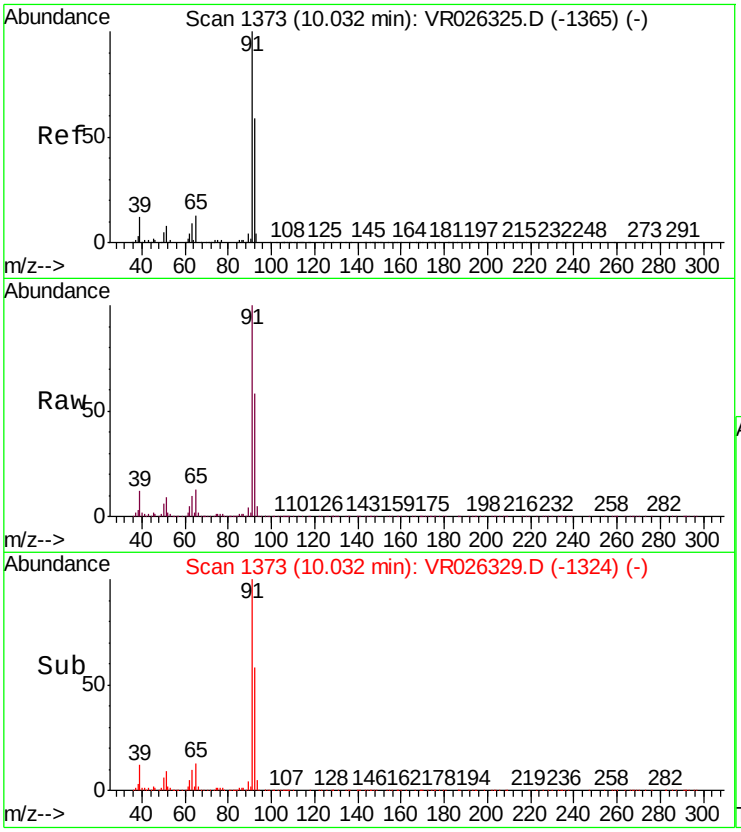


#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion: 63 Resp: 22989

Ion	Ratio	Lower	Upper
63	100		
112	1.4	3.3	4.9#



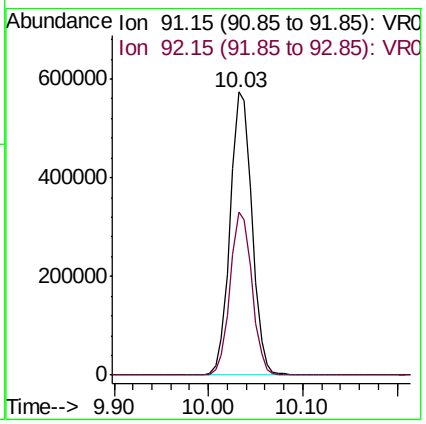


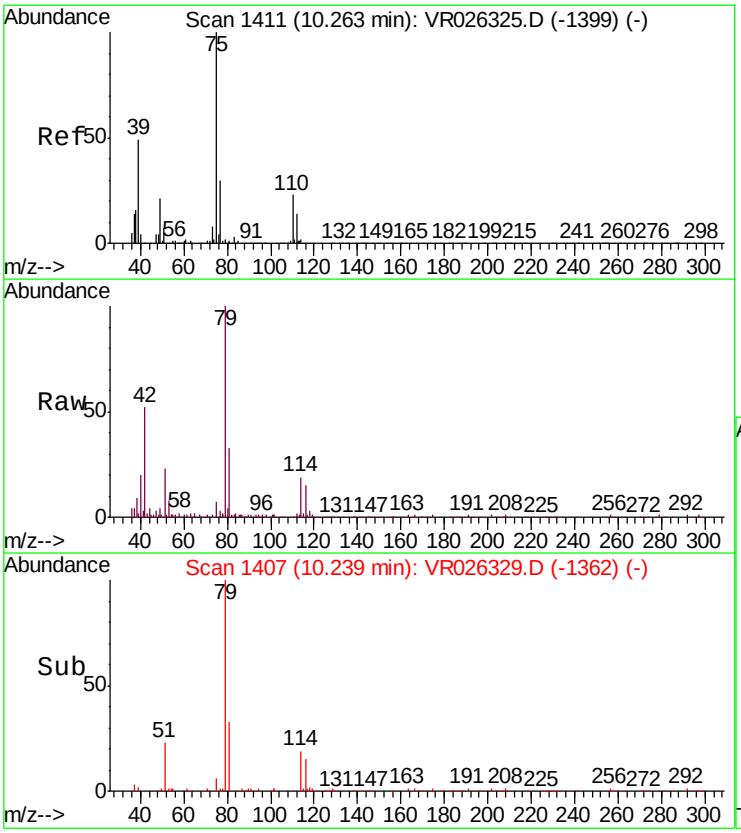
#42
Toluene
Concen: 4.927 ug/L
RT: 10.03 min Scan# 1373
Delta R.T. 0.00 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument : MSVOA_R
ClientSampleId : ESXF7MSD

Tgt Ion: 91 Resp: 925091

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.8	75.8

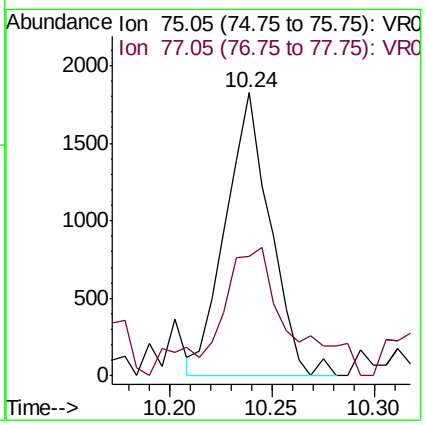


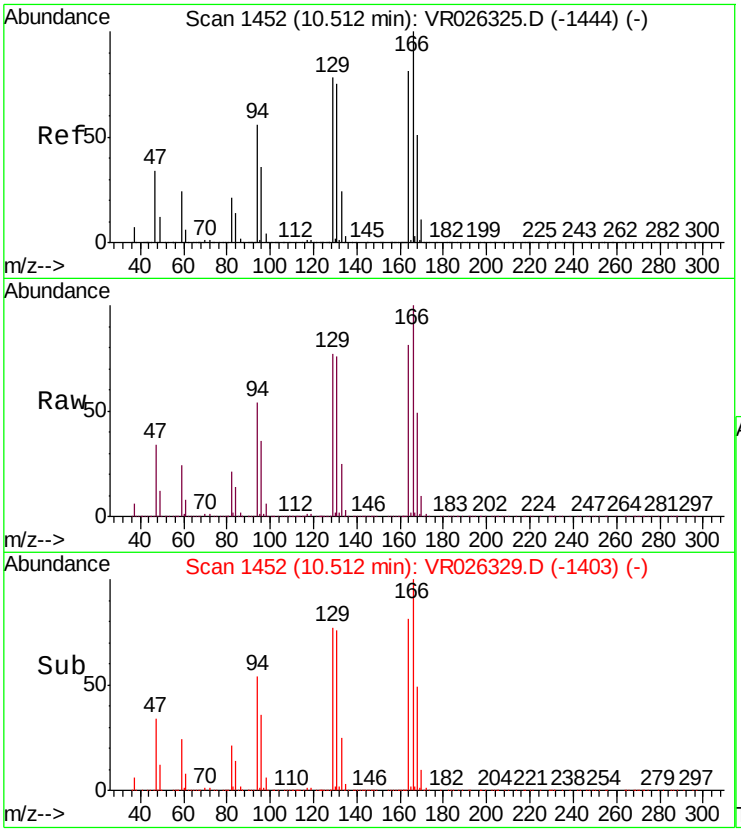


#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion: 75 Resp: 2769

Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.6	40.2#



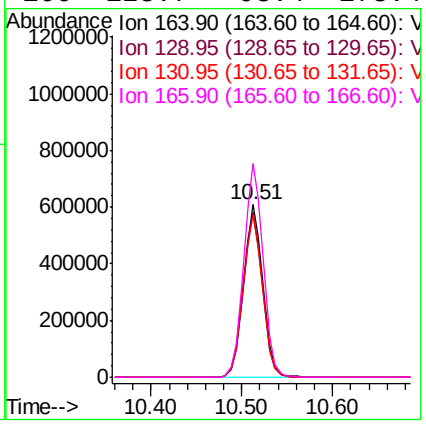


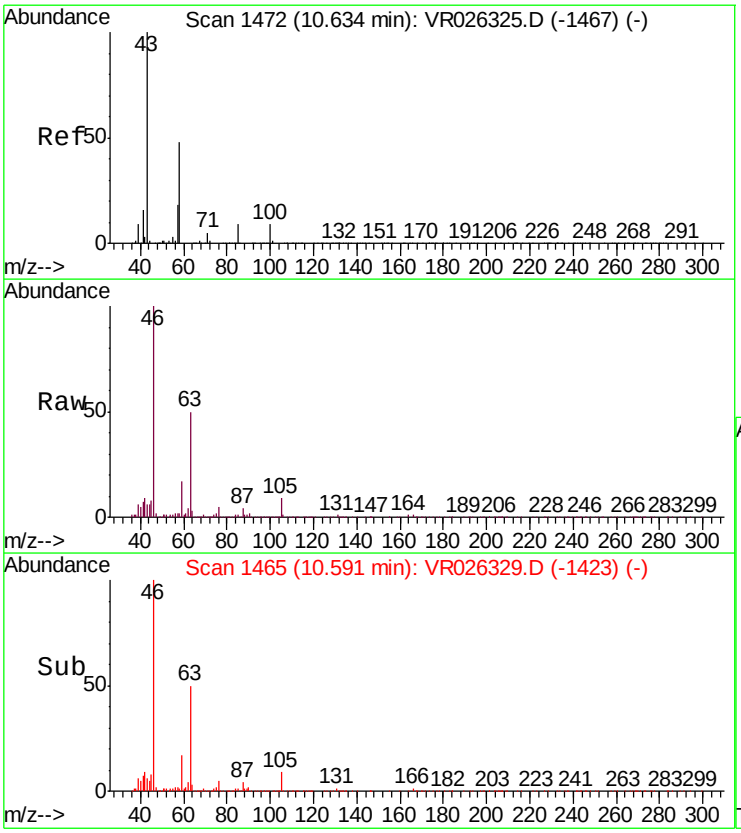
#47
Tetrachloroethene
Concen: 24.478 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
ESXF7MSD

Tgt Ion:164 Resp: 884732

Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.5	132.9
131	94.1	72.8	135.2
166	123.7	93.4	173.4

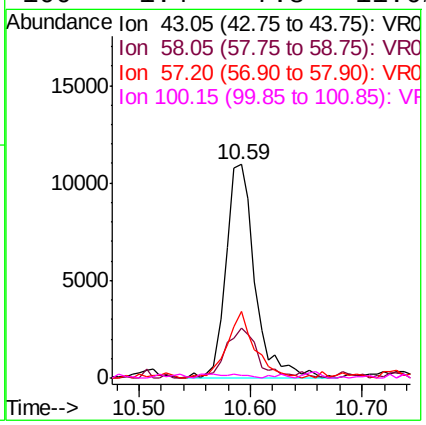


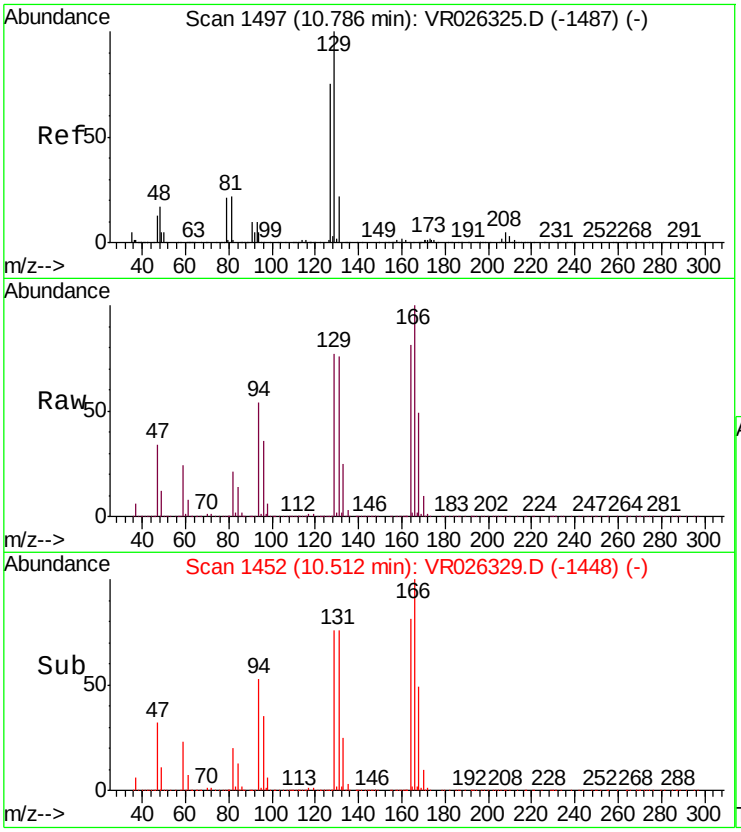


#48
2-Hexanone
Concen: 3.206 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion: 43 Resp: 19602

Ion	Ratio	Lower	Upper
43	100		
58	26.0	41.2	61.8#
57	30.0	13.8	20.8#
100	1.4	7.8	11.6#



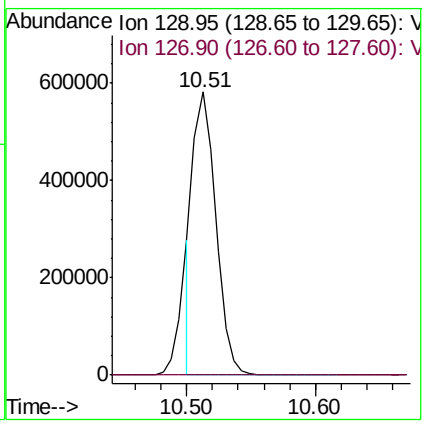


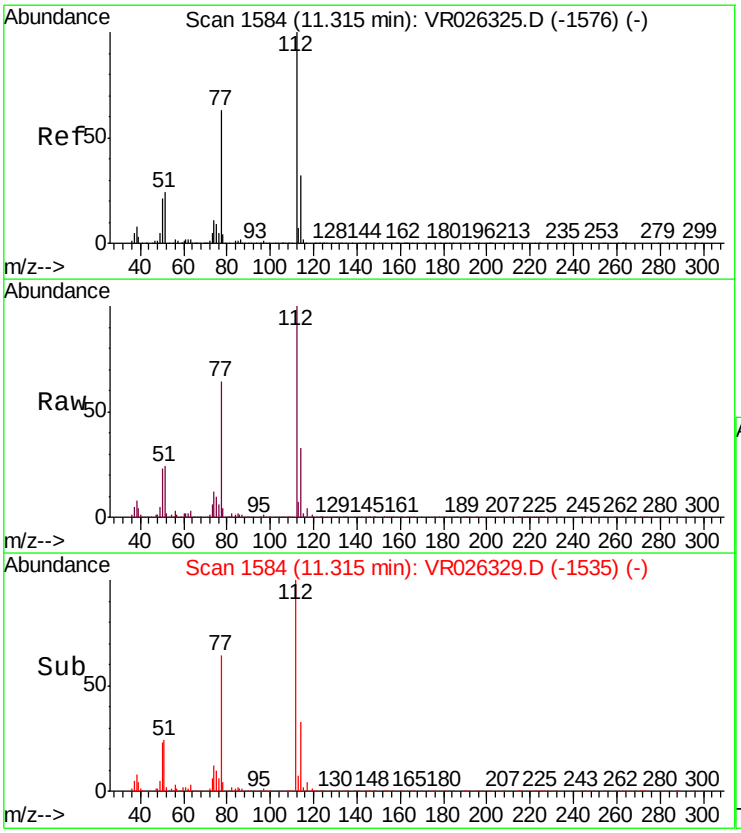
#49
Dibromochloromethane
Concen: 33.292 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Instrument :
MSVOA_R
ClientSampleId :
ESXF7MSD

Tgt Ion:129 Resp: 704776

Ion	Ratio	Lower	Upper
129	100		
127	0.4	51.4	95.5#





#51
Chlorobenzene
Concen: 4.569 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR026329.D
Acq: 15 Feb 2019 14:38

Tgt Ion:112 Resp: 490548

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.5	41.9
77	64.1	51.3	76.9