Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042720\
Data File : VV015737.D
Acq On : 27 Apr 2020 18:20
Operator : SY/MD
Sample : L2413-17DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 28 02:21:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130716	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59747	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	25754	3.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.40%			
7) Chloroethane-d5	1.58	69	28542	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.80%			
11) 1,1-Dichloroethene-d2	2.12	63	44769	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	3.94	46	114631	52.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.52%			
24) Chloroform-d	4.38	84	70446	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.06	65	44452	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.07	84	139064	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.10	67	46488	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.34	98	123576	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.65	79	13903	3.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.80%			
46) 2-Hexanone-d5	8.11	63	82409	44.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.64%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33958	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	49900	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	2103	0.203	ug/L #	10
8) Chloroethane	1.48	64	62184	9.152	ug/L #	52
16) Methylene chloride	2.52	84	4018	0.428	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	15041	1.597	ug/L	99
25) Chloroform	4.40	83	6817	0.384	ug/L	94
34) Trichloroethene	5.94	95	10168	1.008	ug/L	98
35) Methylcyclohexane	6.09	83	11756	0.759	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5956	0.641	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1226	0.095	ug/L #	50
44) trans-1,3-Dichloropropene	7.65	75	833	0.077	ug/L #	79
47) Tetrachloroethene	8.00	164	24706	3.402	ug/L	94
48) 2-Hexanone	8.17	43	5084	1.183	ug/L #	93
49) Dibromochloromethane	8.00	129	24180	3.692	ug/L #	12

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

Quantitation Report (Not Reviewed)

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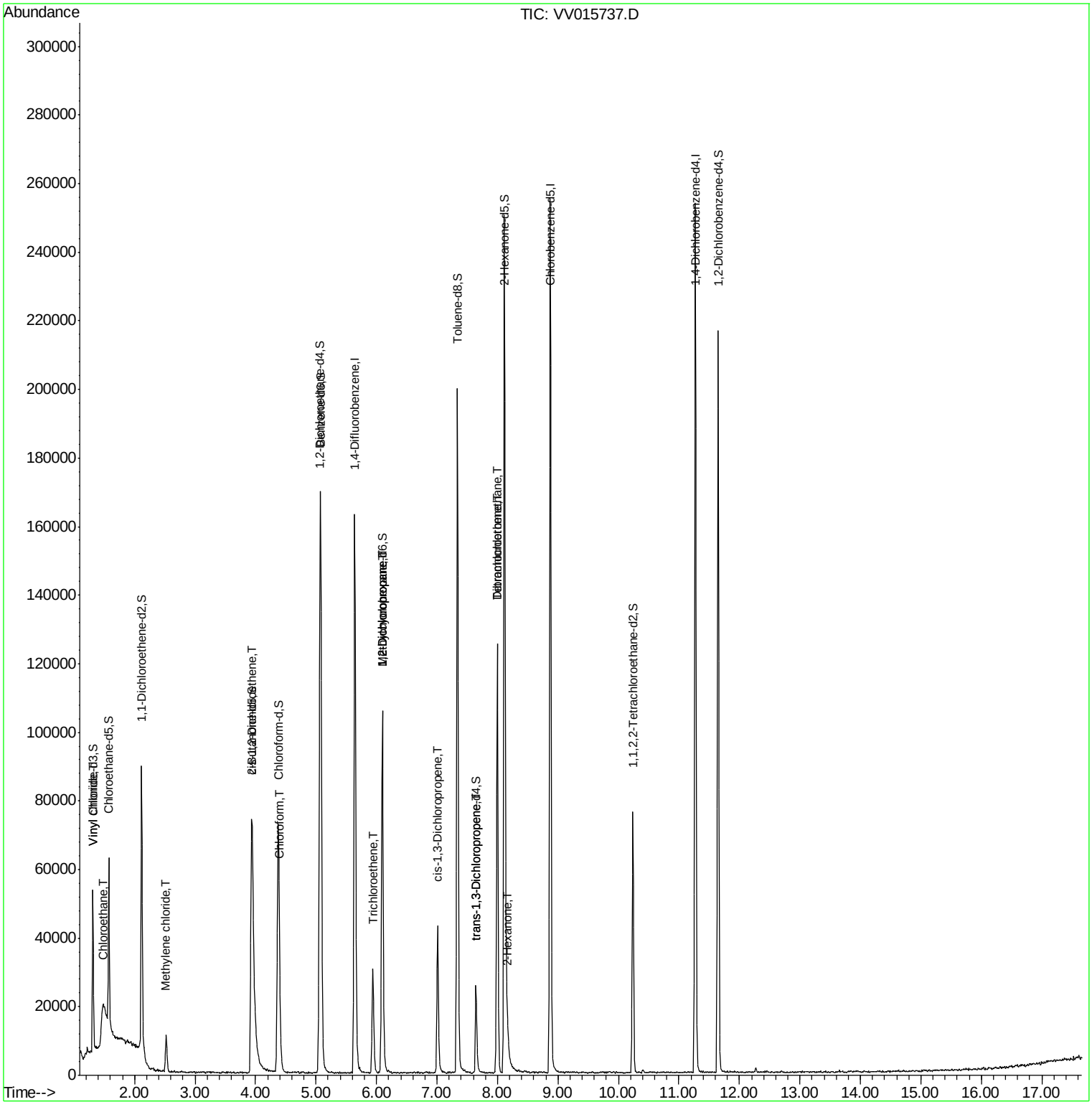
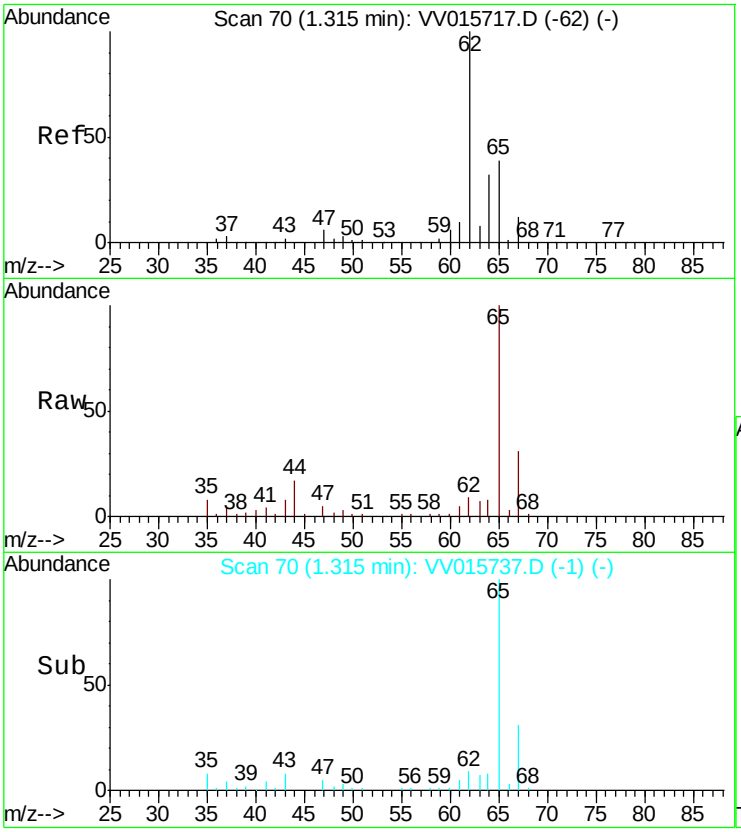
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration



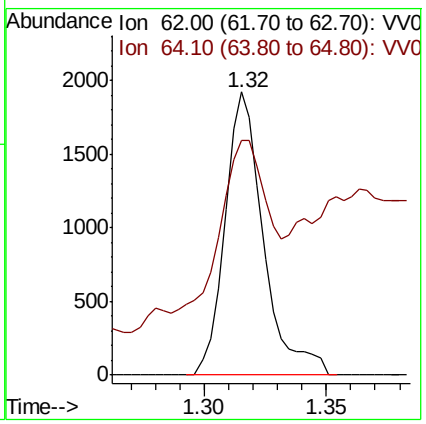


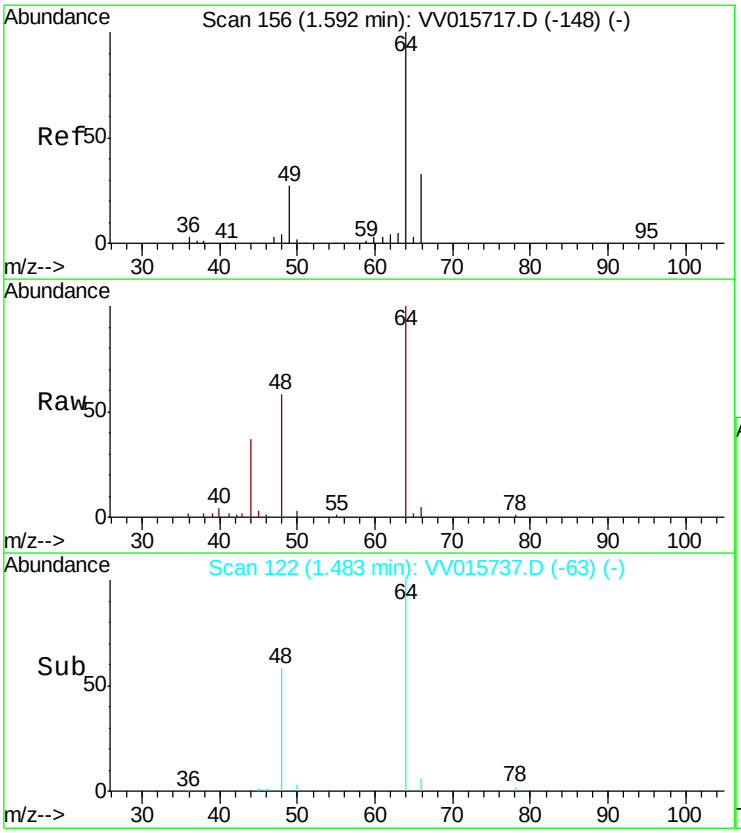
#5
Vinyl chloride
Concen: 0.203 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 2103

Ion	Ratio	Lower	Upper
62	100		
64	83.1	22.7	42.1#

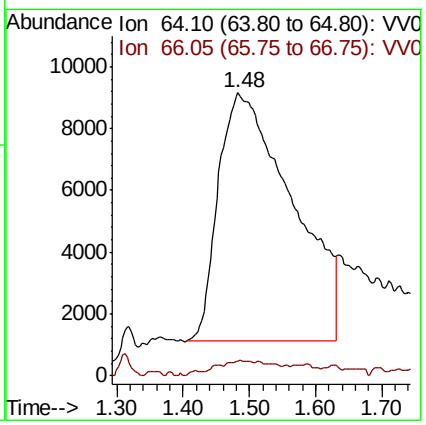


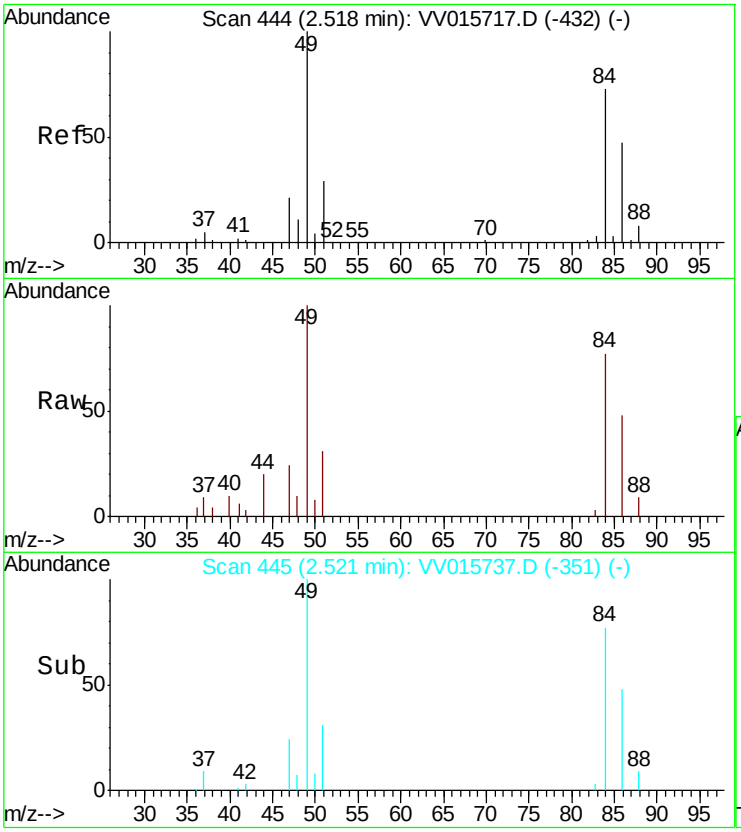


#8
Chloroethane
Concen: 9.152 ug/L
RT: 1.48 min Scan# 122
Delta R.T. -0.11 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Tgt Ion: 64 Resp: 62184

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.3	41.5#



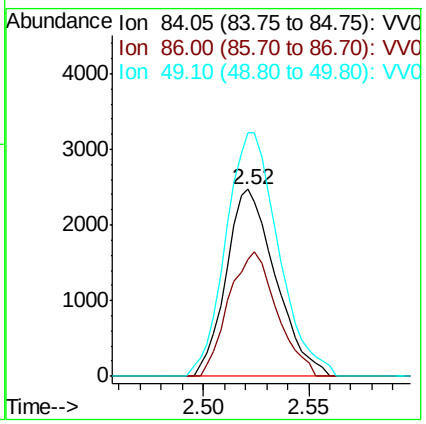


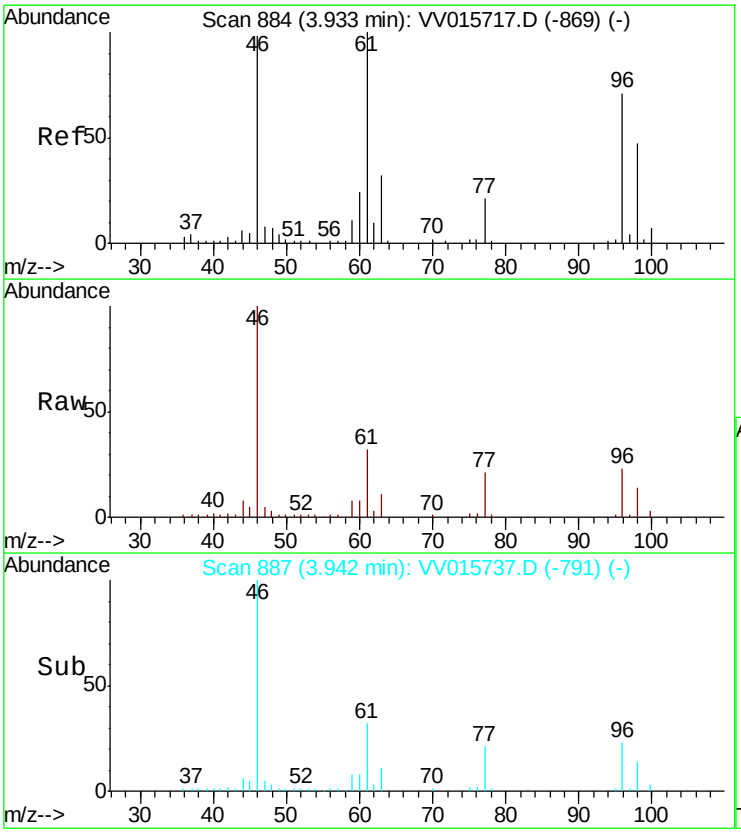
#16
Methylene chloride
Concen: 0.428 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 4018

Ion	Ratio	Lower	Upper
84	100		
86	62.5	45.1	83.7
49	130.0	94.4	175.4

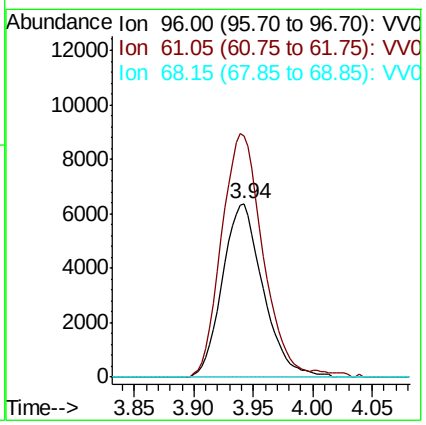


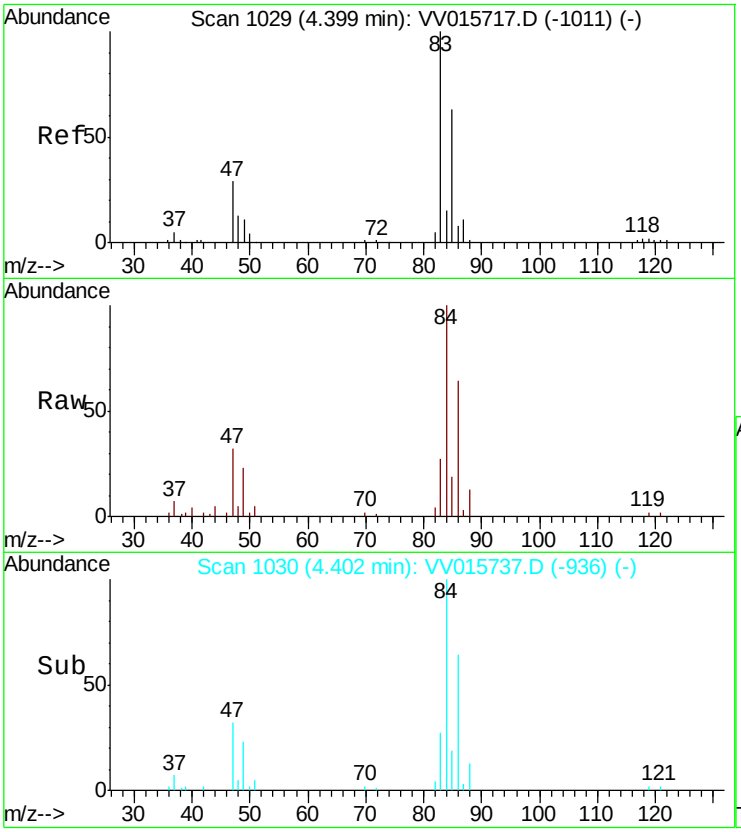


#22
cis-1,2-Dichloroethene
Concen: 1.597 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Tgt Ion: 96 Resp: 15041

Ion	Ratio	Lower	Upper
96	100		
61	139.0	96.4	179.0
68	0.0	0.0	0.0



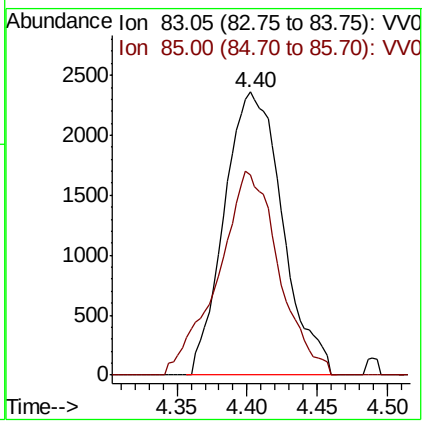


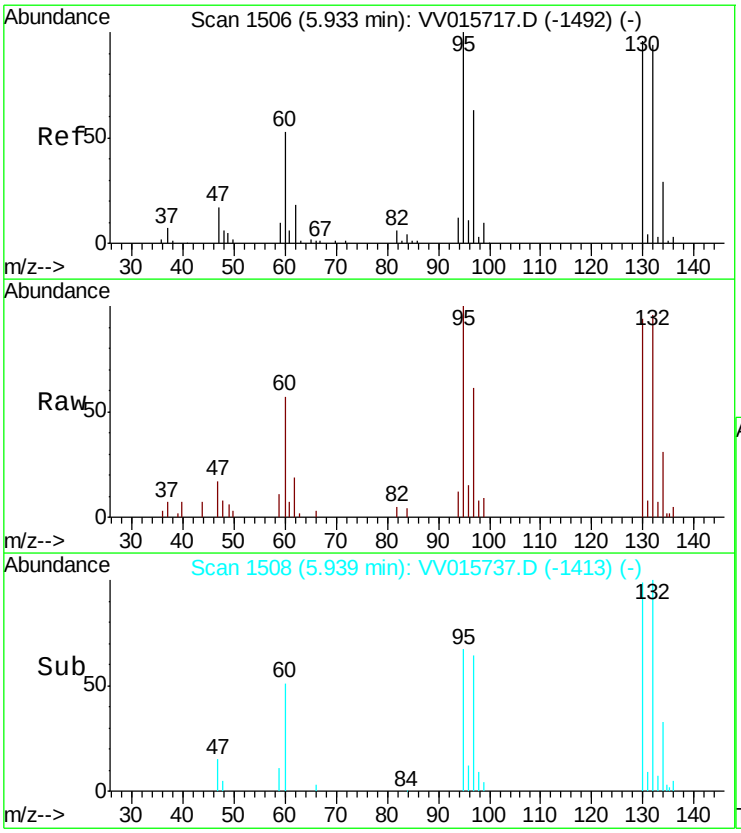
#25
Chloroform
Concen: 0.384 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 6817

Ion	Ratio	Lower	Upper
83	100		
85	70.8	46.1	85.5

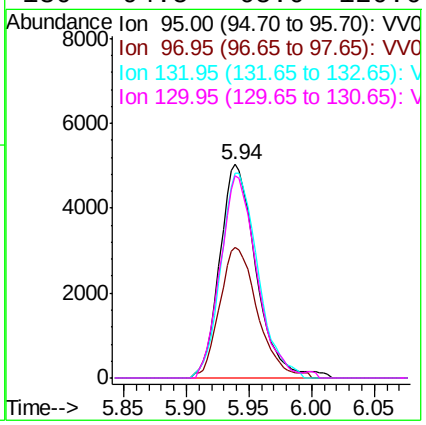


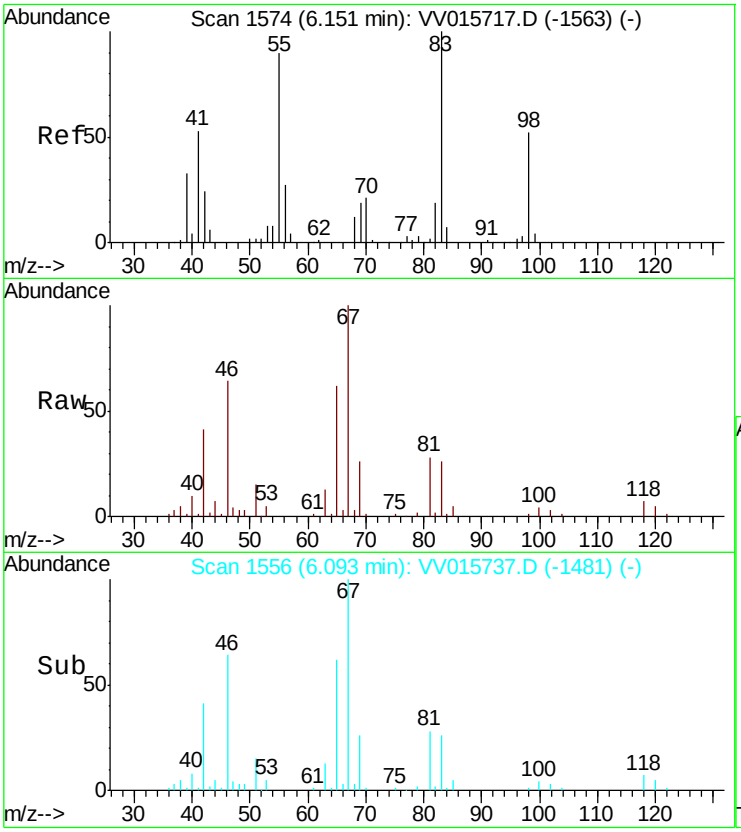


#34
Trichloroethene
Concen: 1.008 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Tgt Ion: 95 Resp: 10168

Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.7	82.9
132	95.6	65.2	121.0
130	94.5	65.0	120.6



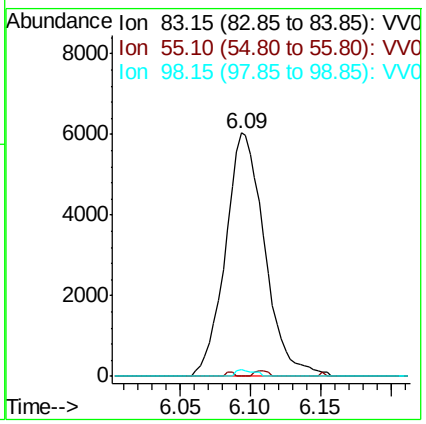


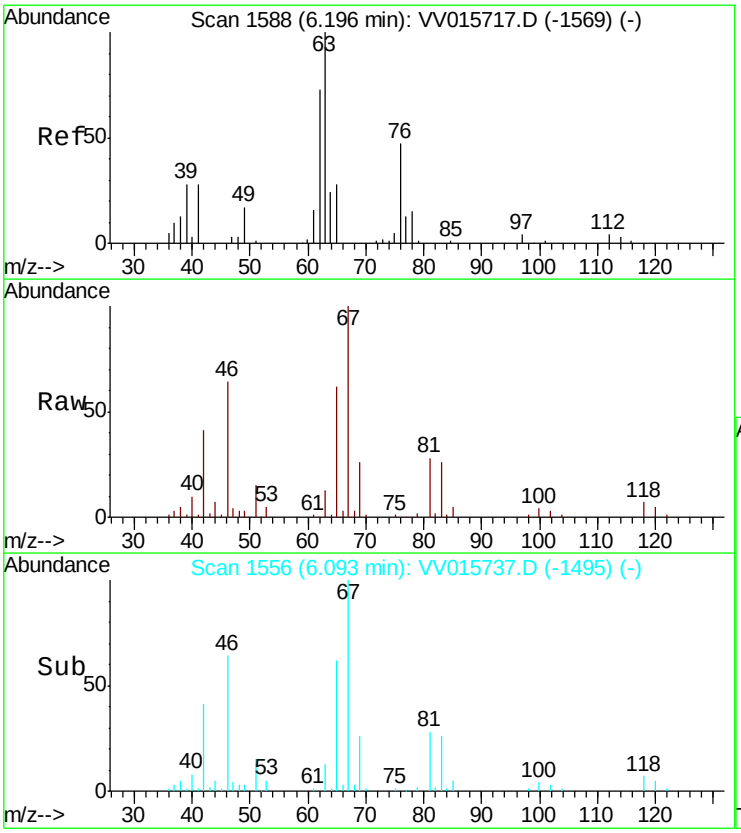
#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 11756

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.6	99.8#
98	1.2	39.5	59.3#

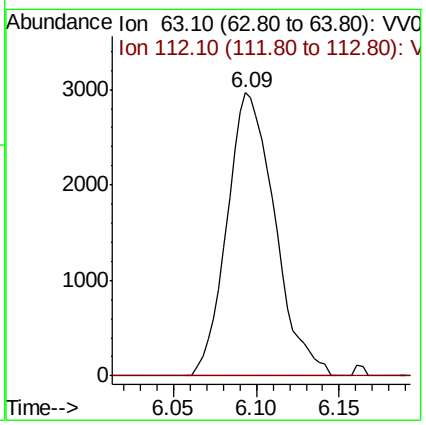


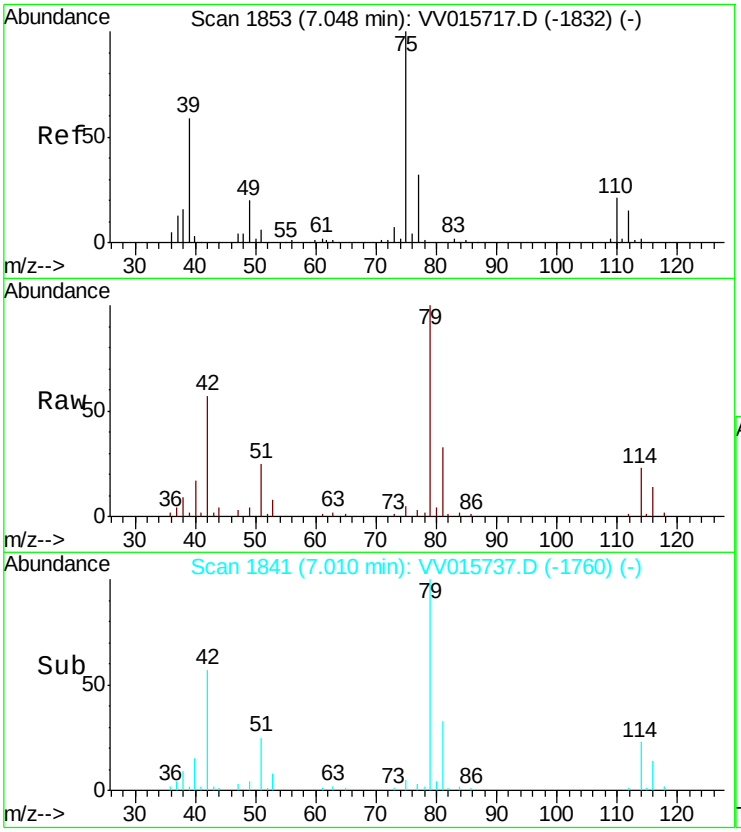


#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Tgt Ion: 63 Resp: 5956

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



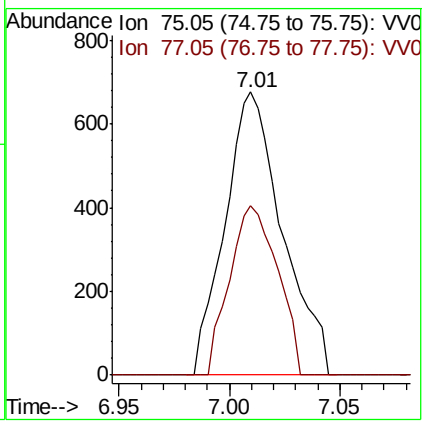


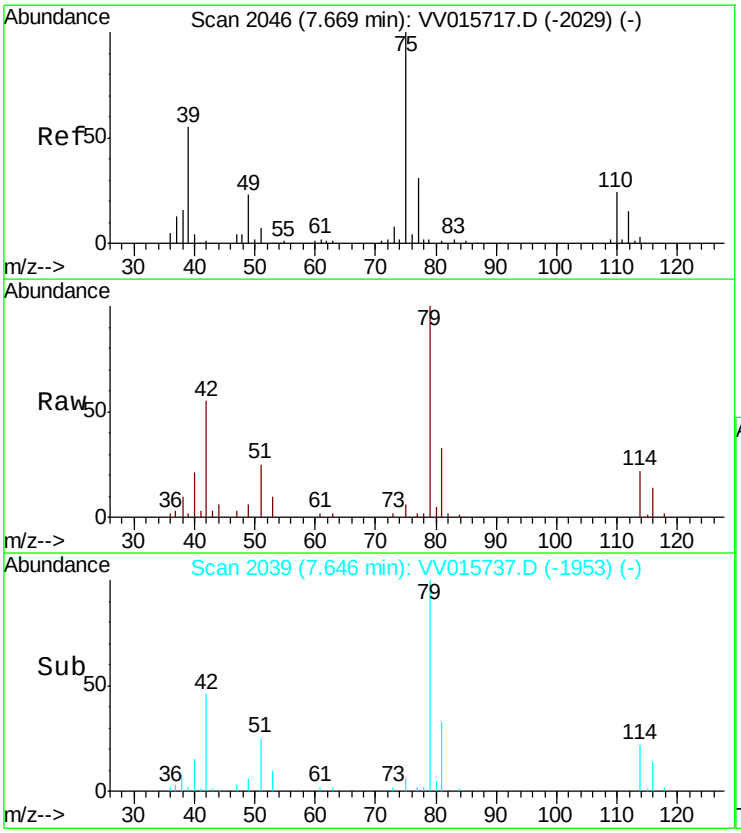
#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1226

Ion	Ratio	Lower	Upper
75	100		
77	59.9	22.3	41.5#

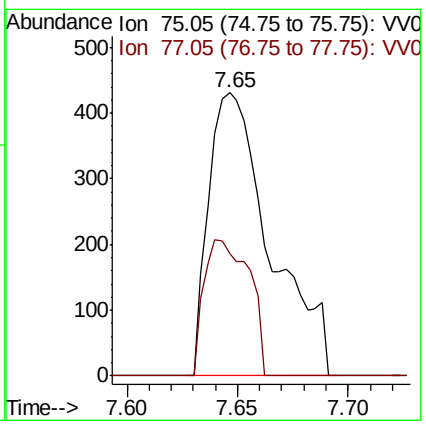


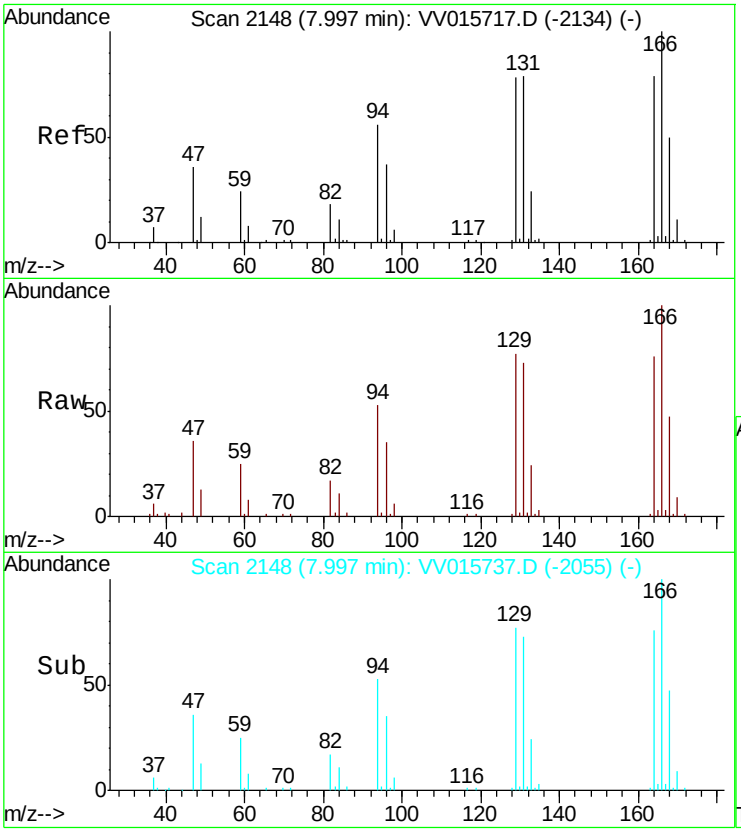


#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Tgt Ion: 75 Resp: 833

Ion	Ratio	Lower	Upper
75	100		
77	42.9	21.8	40.6#



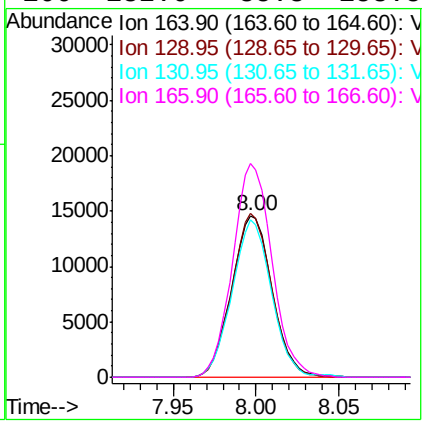


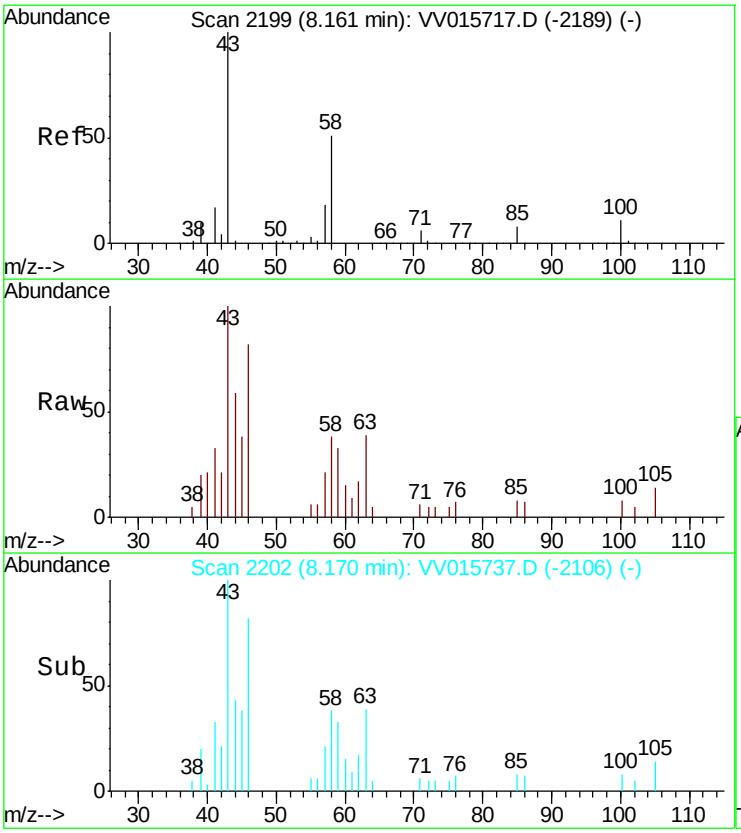
#47
Tetrachloroethene
Concen: 3.402 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 24706

Ion	Ratio	Lower	Upper
164	100		
129	101.5	66.7	123.9
131	97.0	66.6	123.6
166	132.0	85.3	158.5

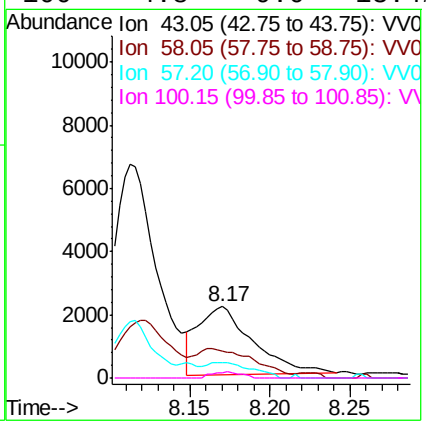


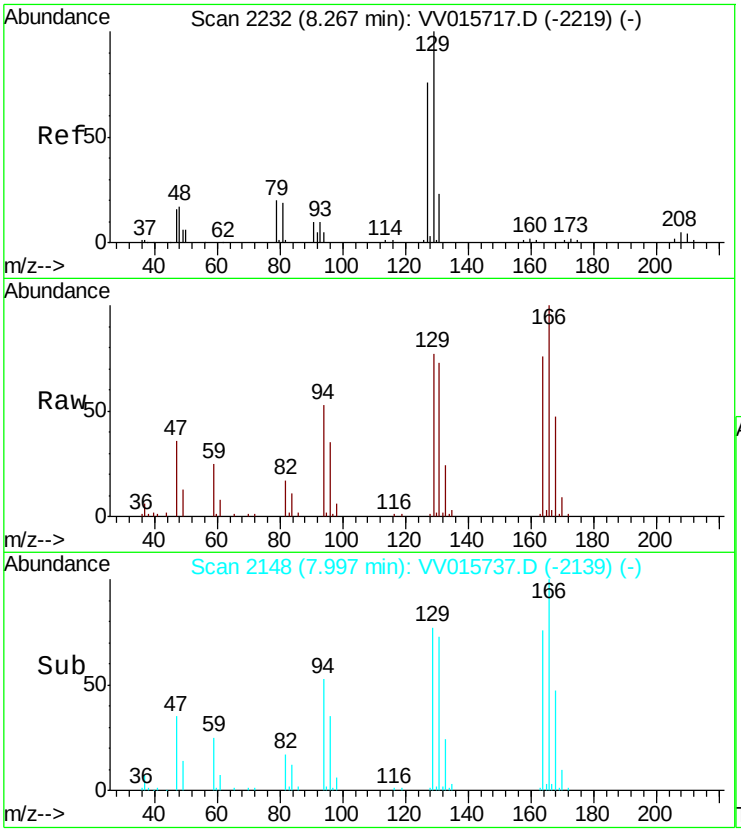


#48
2-Hexanone
Concen: 1.183 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Tgt Ion: 43 Resp: 5084

Ion	Ratio	Lower	Upper
43	100		
58	46.7	41.1	61.7
57	18.2	15.0	22.4
100	4.8	9.0	13.4#





#49
Dibromochloromethane
Concen: 3.692 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 24180

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#