Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042820\
Data File : VV015745.D
Acq On : 28 Apr 2020 14:30
Operator : SY/MD
Sample : L2370-20DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 29 00:43:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 00:40:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126736	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56495	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	39431	5.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 119.00%			
7) Chloroethane-d5	1.57	69	32360	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.11	63	55881	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	3.95	46	91204	42.89	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.78%			
24) Chloroform-d	4.37	84	67122	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.06	65	40112	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.07	84	135392	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.09	67	41769	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.34	98	118916	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.64	79	13263	3.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.60%			
46) 2-Hexanone-d5	8.11	63	64375	36.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.38%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27663	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	41911	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	96822	9.653	ug/L	99
8) Chloroethane	1.62	64	10239	1.554	ug/L #	52
12) 1,1-Dichloroethene	2.12	96	608	0.082	ug/L #	1
16) Methylene chloride	2.52	84	2439	0.268	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	75368	8.253	ug/L	93
25) Chloroform	4.40	83	3742	0.217	ug/L	86
35) Methylcyclohexane	6.09	83	10473	0.709	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5283	0.596	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1270	0.103	ug/L #	75
44) trans-1,3-Dichloropropene	7.64	75	723	0.070	ug/L #	43
47) Tetrachloroethene	8.00	164	2847	0.411	ug/L	92
48) 2-Hexanone	8.17	43	5274	1.286	ug/L #	91
49) Dibromochloromethane	8.00	129	2906	0.465	ug/L #	12

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

Quantitation Report (Not Reviewed)

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Acq On : 28 Apr 2020 14:30
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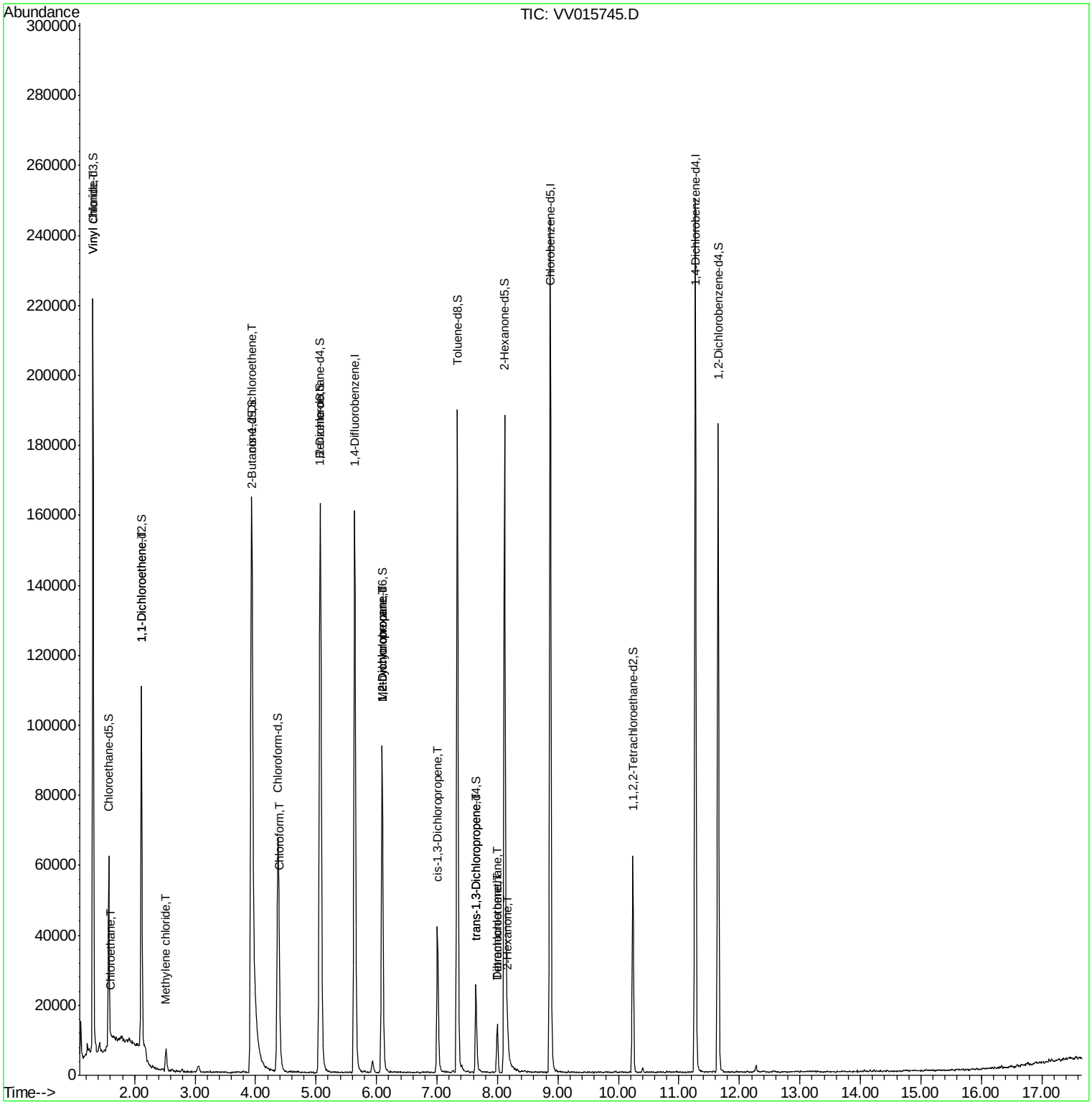
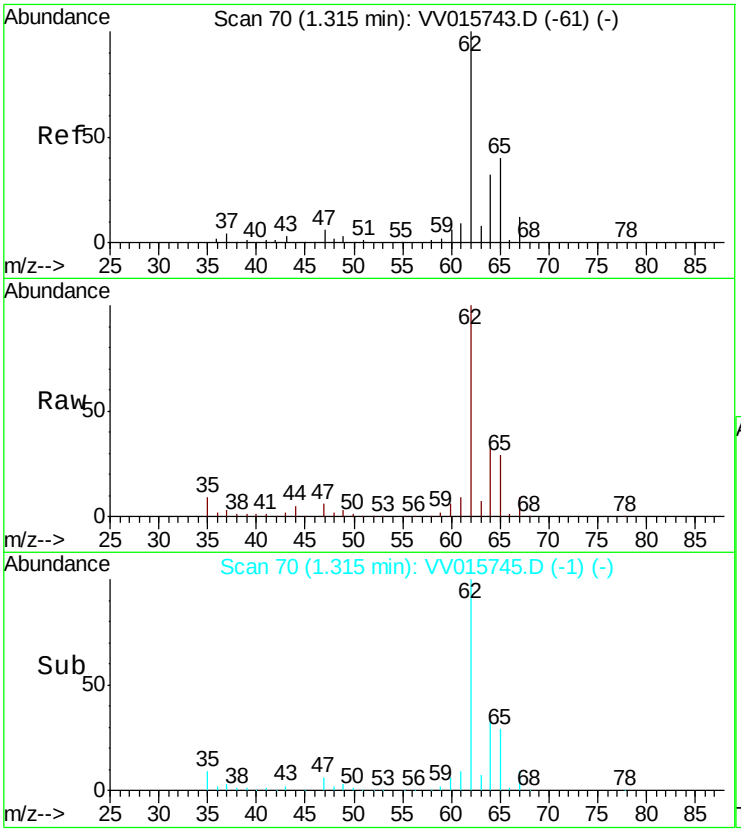
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 29 00:43:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 00:40:59 2020
Response via : Initial Calibration



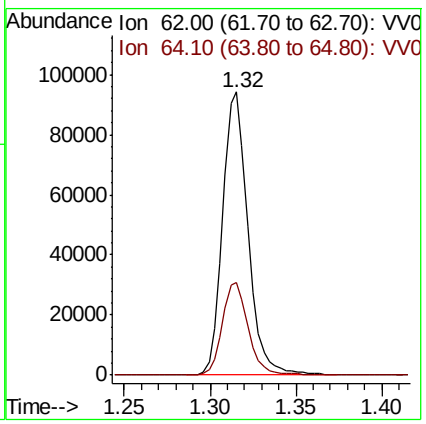


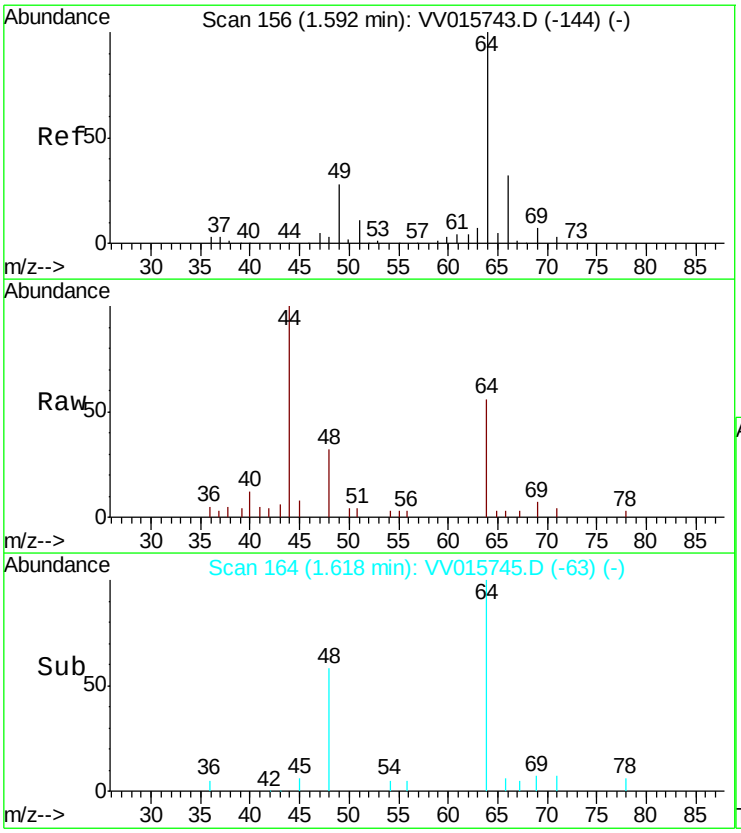
#5
Vinyl chloride
Concen: 9.653 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 96822

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.7	42.1

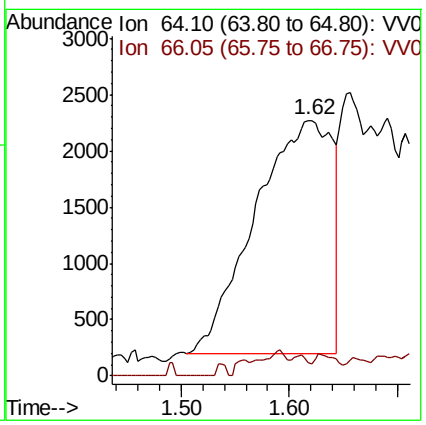


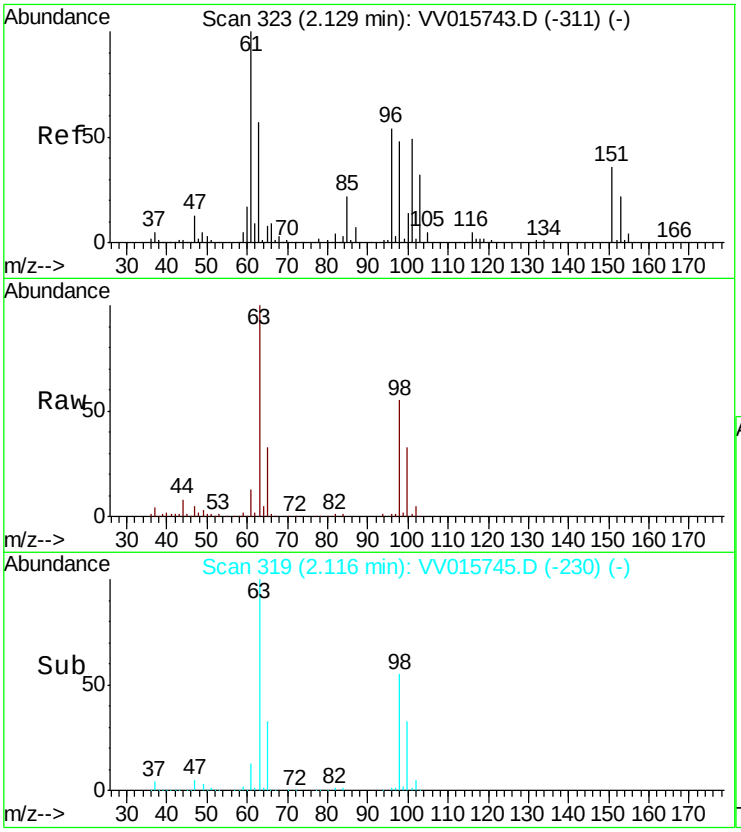


#8
Chloroethane
Concen: 1.554 ug/L
RT: 1.62 min Scan# 164
Delta R.T. 0.03 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Tgt Ion: 64 Resp: 10239

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.3	41.5#



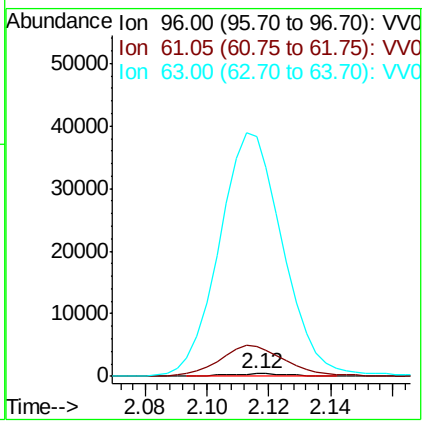


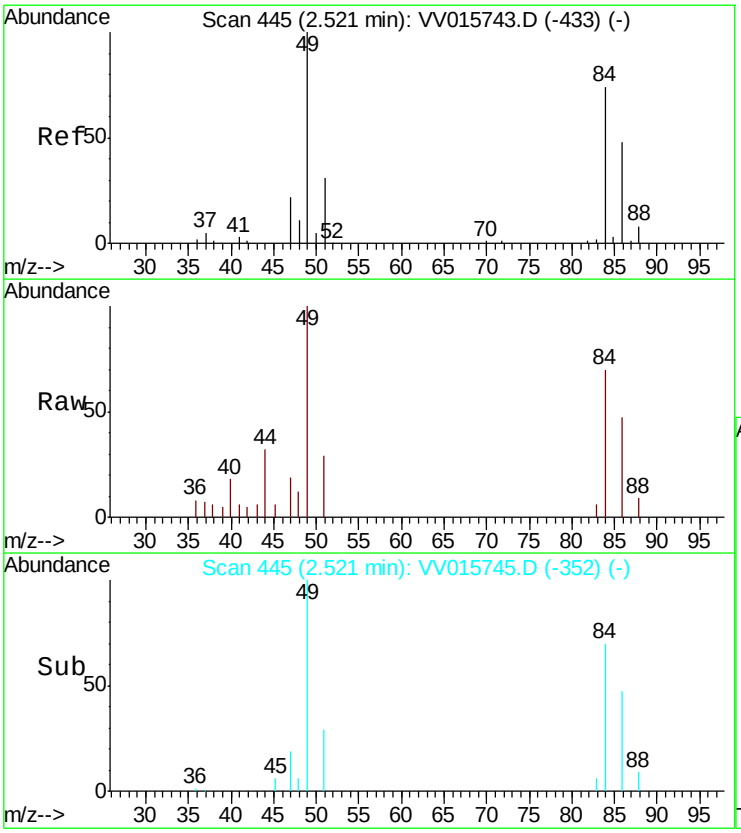
#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 608

Ion	Ratio	Lower	Upper
96	100		
61	1167.4	130.1	241.7#
63	9258.0	91.4	169.8#

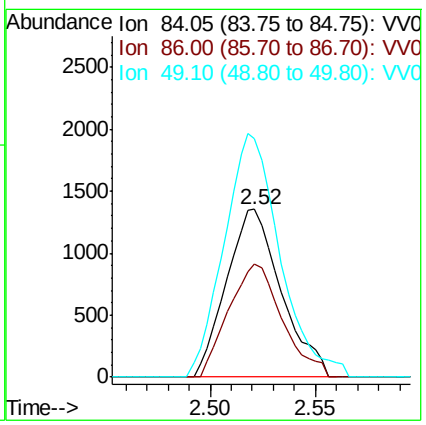


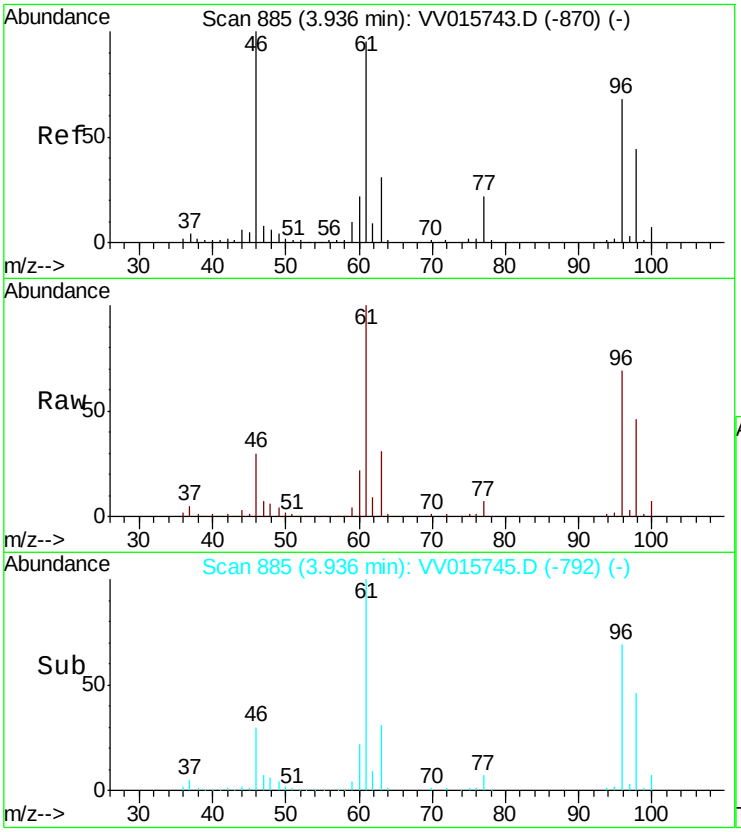


#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Tgt Ion: 84 Resp: 2439

Ion	Ratio	Lower	Upper
84	100		
86	67.3	45.1	83.7
49	142.4	94.4	175.4



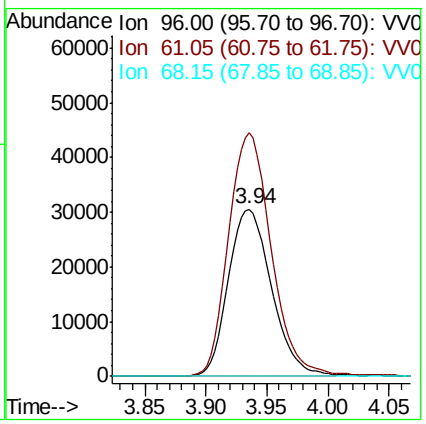


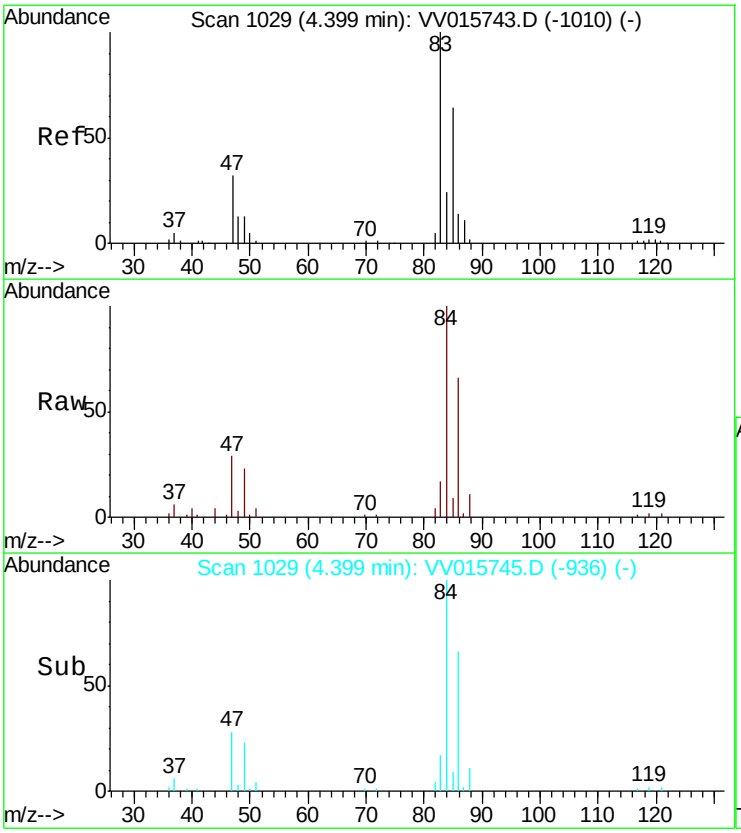
#22
cis-1,2-Dichloroethene
Concen: 8.253 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 75368

Ion	Ratio	Lower	Upper
96	100		
61	145.8	96.4	179.0
68	0.0	0.0	0.0

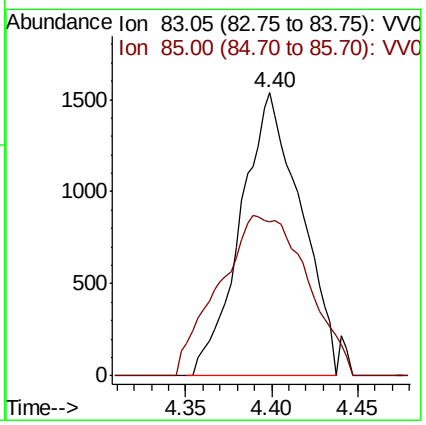


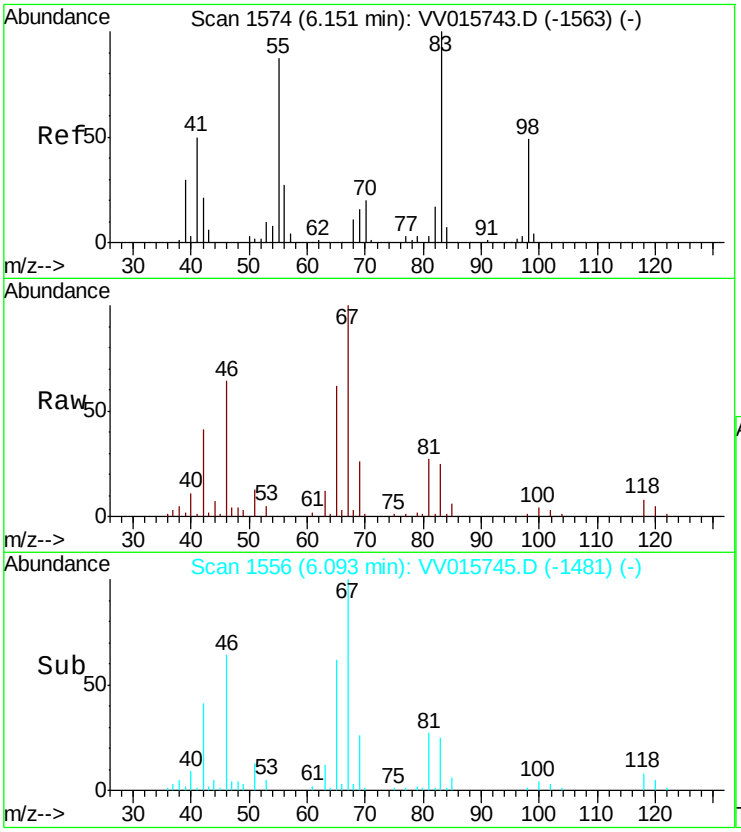


#25
Chloroform
Concen: 0.217 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Tgt Ion: 83 Resp: 3742

Ion	Ratio	Lower	Upper
83	100		
85	54.5	46.1	85.5



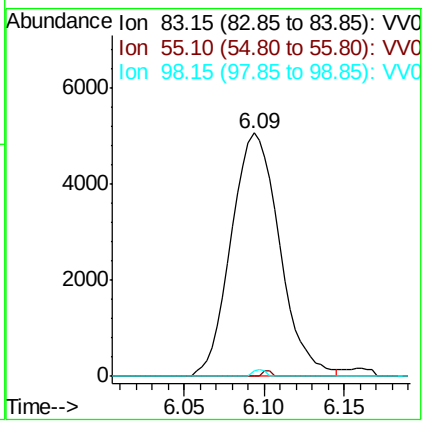


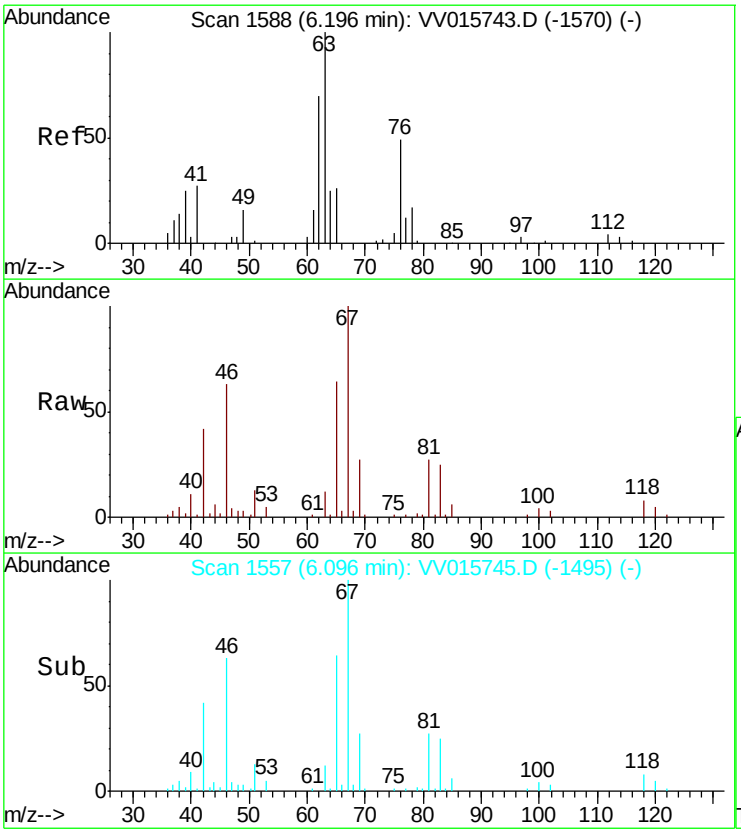
#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10473

Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.6	99.8#
98	0.7	39.5	59.3#

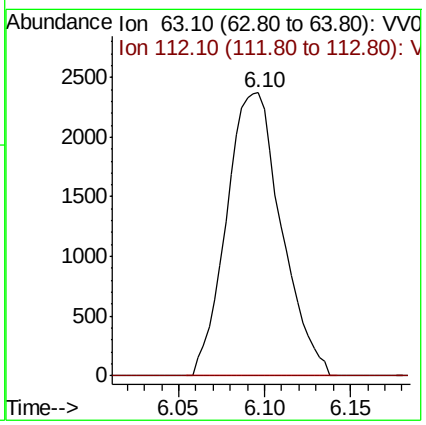


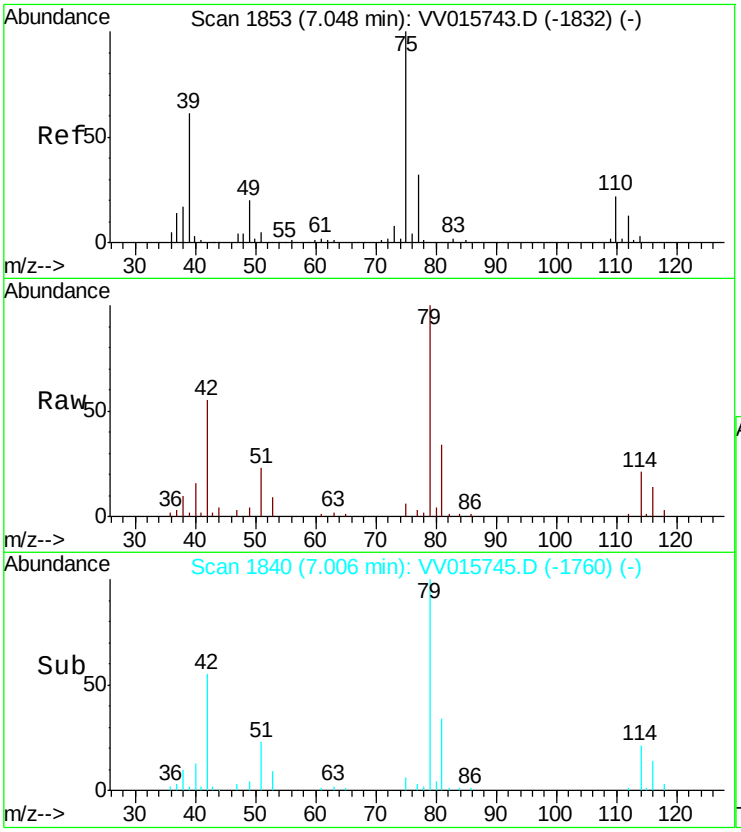


#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Tgt Ion: 63 Resp: 5283

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



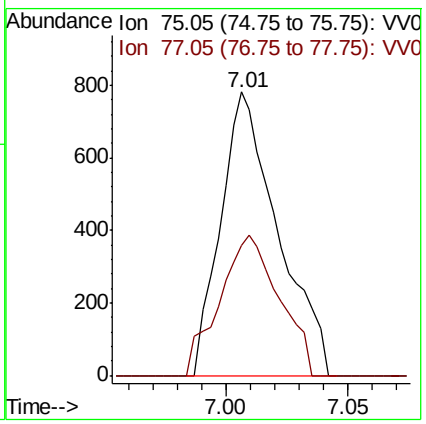


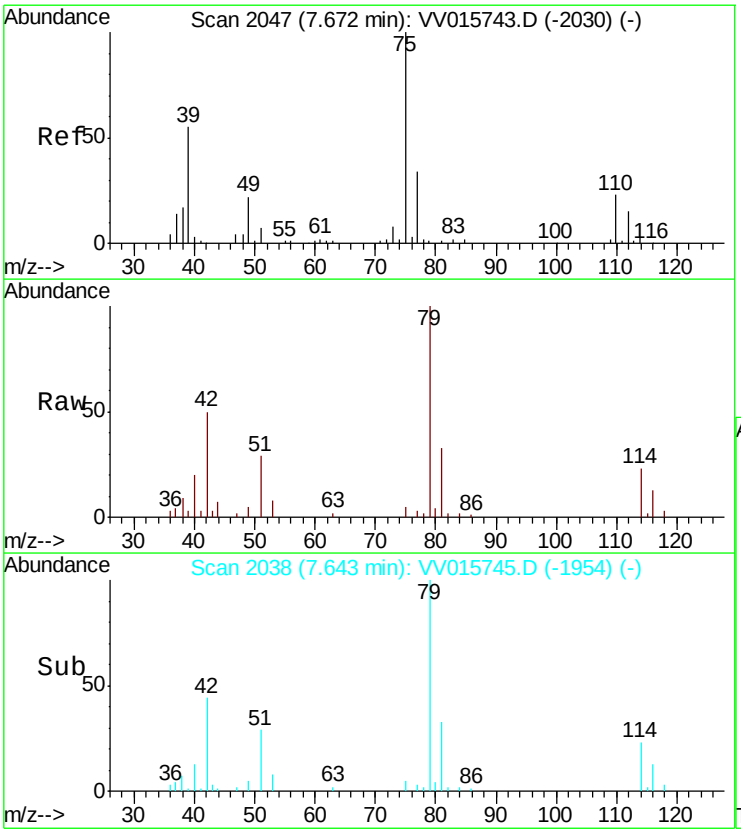
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1270

Ion	Ratio	Lower	Upper
75	100		
77	46.1	22.3	41.5#

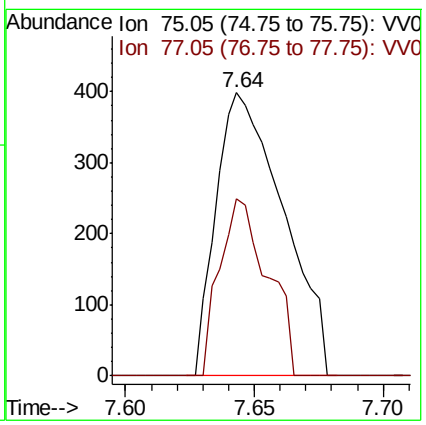


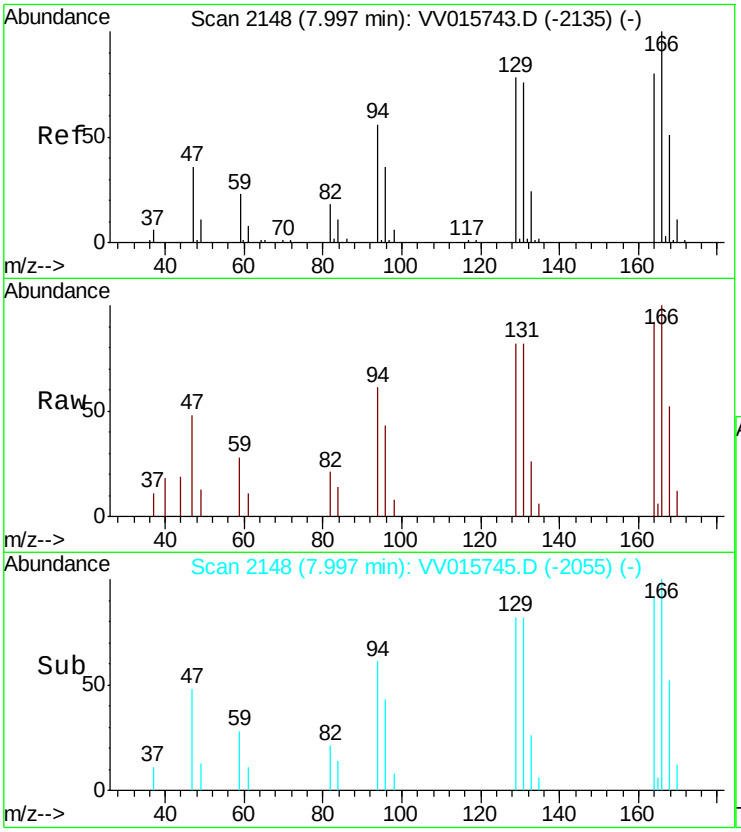


#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Tgt Ion: 75 Resp: 723

Ion	Ratio	Lower	Upper
75	100		
77	62.6	21.8	40.6#



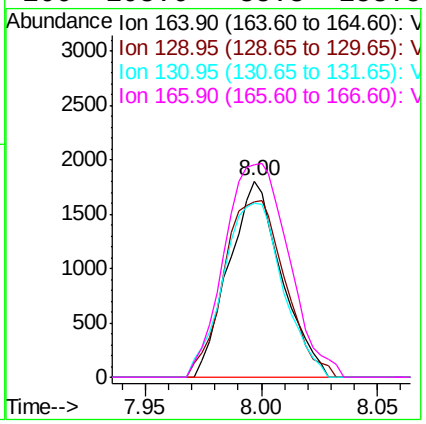


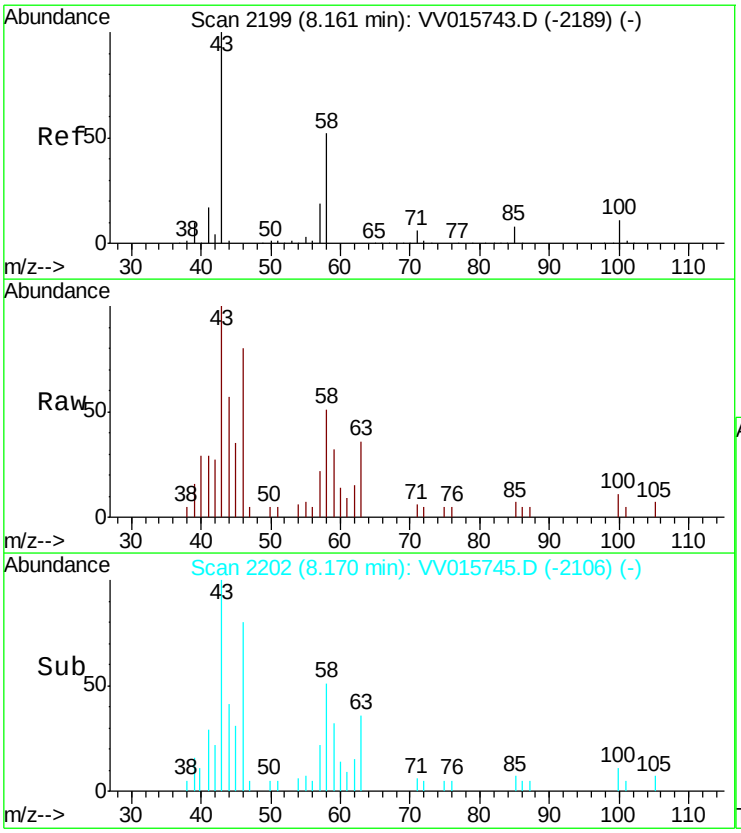
#47
Tetrachloroethene
Concen: 0.411 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 2847

Ion	Ratio	Lower	Upper
164	100		
129	89.4	66.7	123.9
131	88.8	66.6	123.6
166	108.6	85.3	158.5

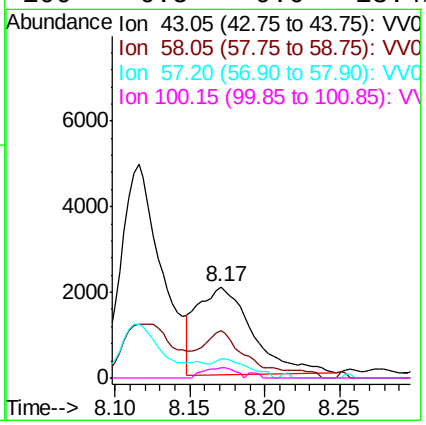


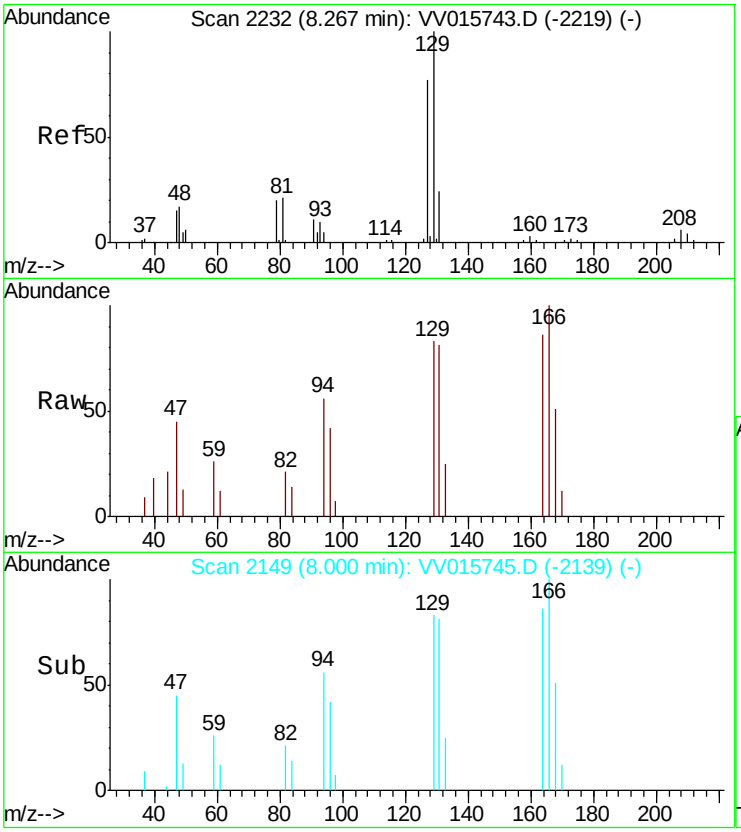


#48
2-Hexanone
Concen: 1.286 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Tgt Ion: 43 Resp: 5274

Ion	Ratio	Lower	Upper
43	100		
58	45.7	41.1	61.7
57	14.2	15.0	22.4#
100	6.5	9.0	13.4#





#49
Dibromochloromethane
Concen: 0.465 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015745.D
Acq: 28 Apr 2020 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 2906

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#