Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041420\
Data File : VV015466.D
Acq On : 14 Apr 2020 17:16
Operator : SY/MD
Sample : L2273-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : YAQ86

Quant Time: Apr 15 02:23:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 02:17:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116894	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56139	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32202	5.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.20%			
7) Chloroethane-d5	1.58	69	28483	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.12	63	45250	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	3.94	46	77131	45.29	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.58%			
24) Chloroform-d	4.38	84	63180	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.06	65	33606	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.08	84	121428	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.10	67	36872	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.34	98	112768	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.65	79	15342	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.11	63	62545	38.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.52%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26157	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	41771	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	25265	4.106	ug/L #	52
13) Acetone	2.23	43	8473	7.042	ug/L #	39
15) Methyl Acetate	2.23	43	8473	2.380	ug/L #	57
17) Methyl tert-butyl Ether	2.79	73	1600	0.082	ug/L #	76
25) Chloroform	4.41	83	70445	4.416	ug/L	100
27) 1,2-Dichloroethane	5.08	62	735	0.071	ug/L #	77
35) Methylcyclohexane	6.10	83	9225	0.603	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4430	0.529	ug/L #	86
38) Bromodichloromethane	6.54	83	2088	0.187	ug/L #	97
44) trans-1,3-Dichloropropene	7.65	75	720	0.066	ug/L	91
47) Tetrachloroethene	8.00	164	779	0.116	ug/L	90
48) 2-Hexanone	8.12	43	9480	2.468	ug/L #	78
49) Dibromochloromethane	8.00	129	676	0.100	ug/L #	10

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

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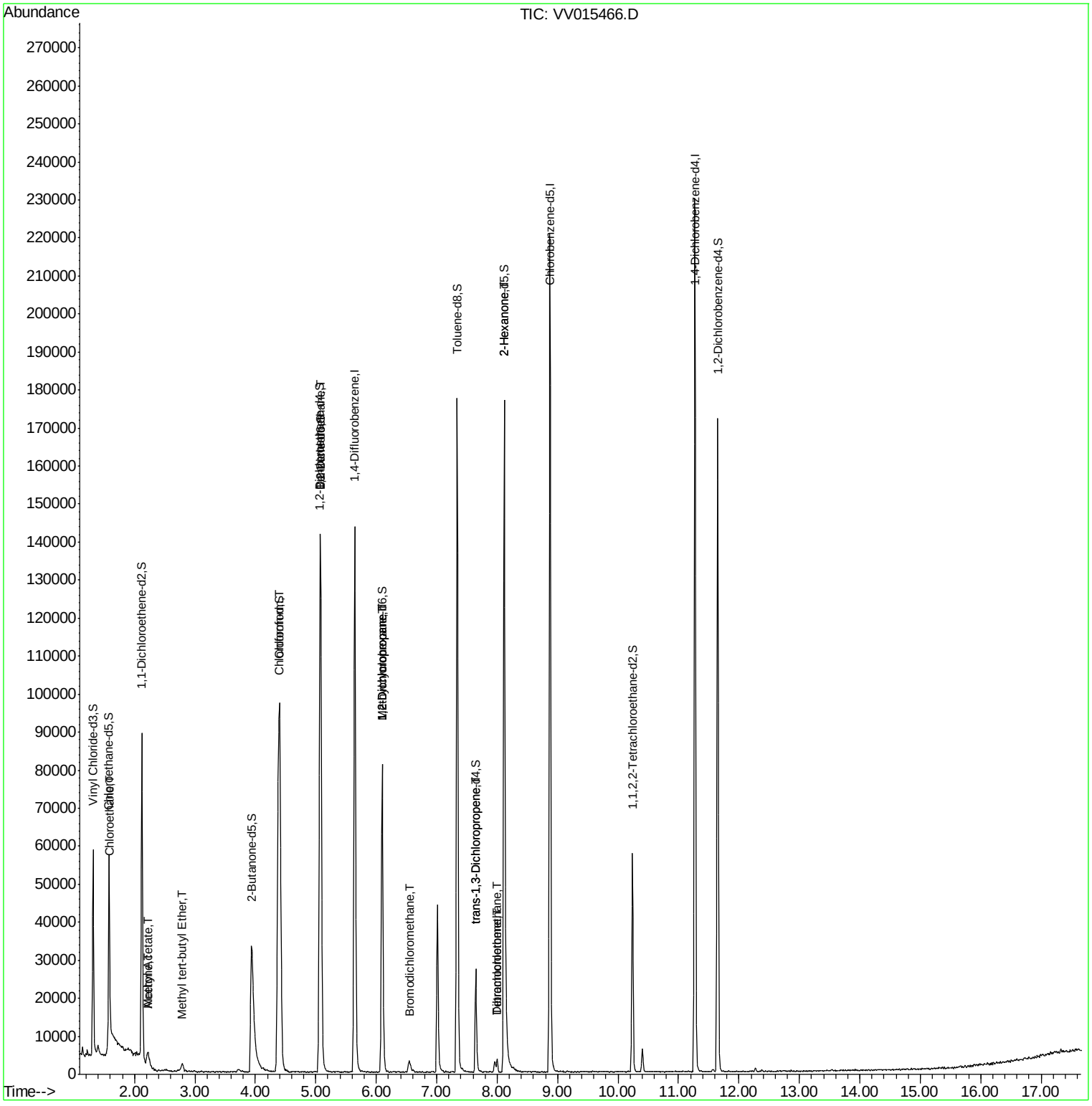
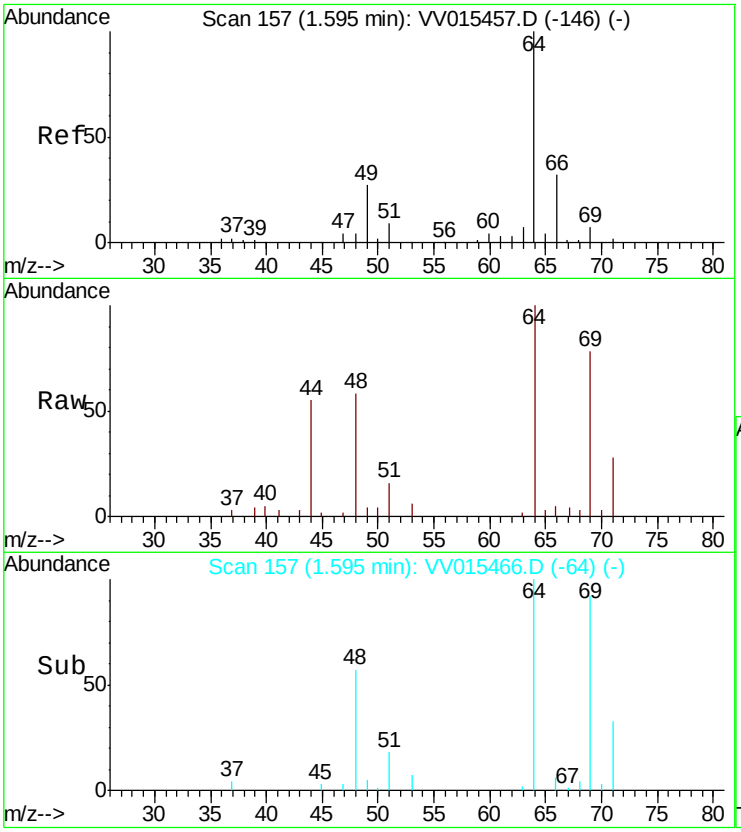
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 02:17:02 2020
Response via : Initial Calibration



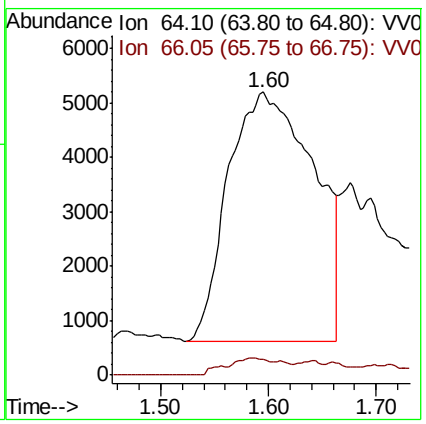


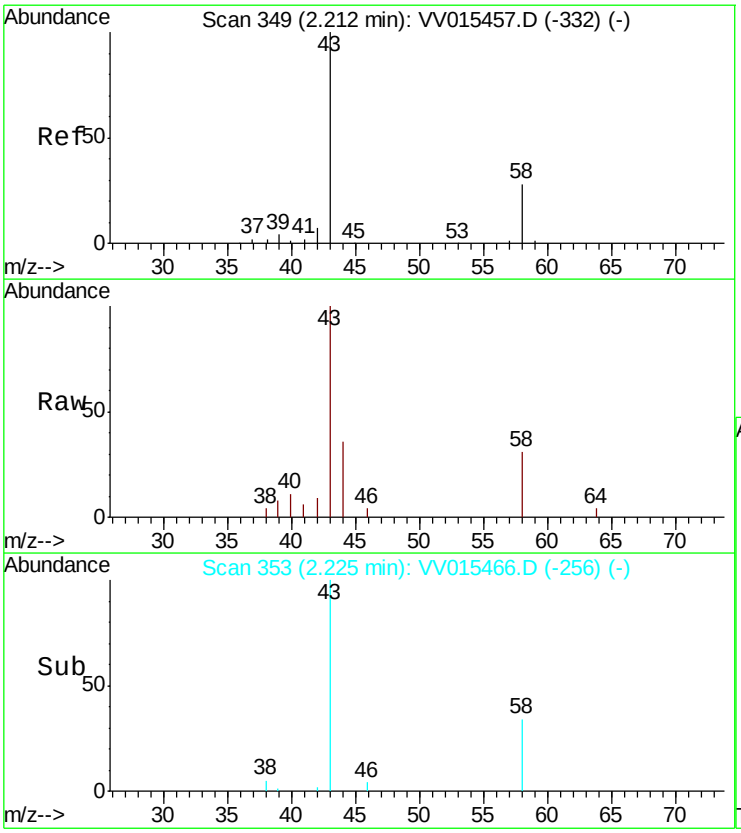
#8
Chloroethane
Concen: 4.106 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Instrument : MSVOA_V
ClientSampleId : YAQ86

Tgt Ion: 64 Resp: 25265

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.3	41.5#

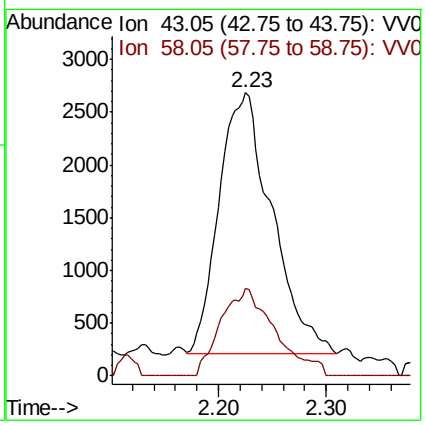


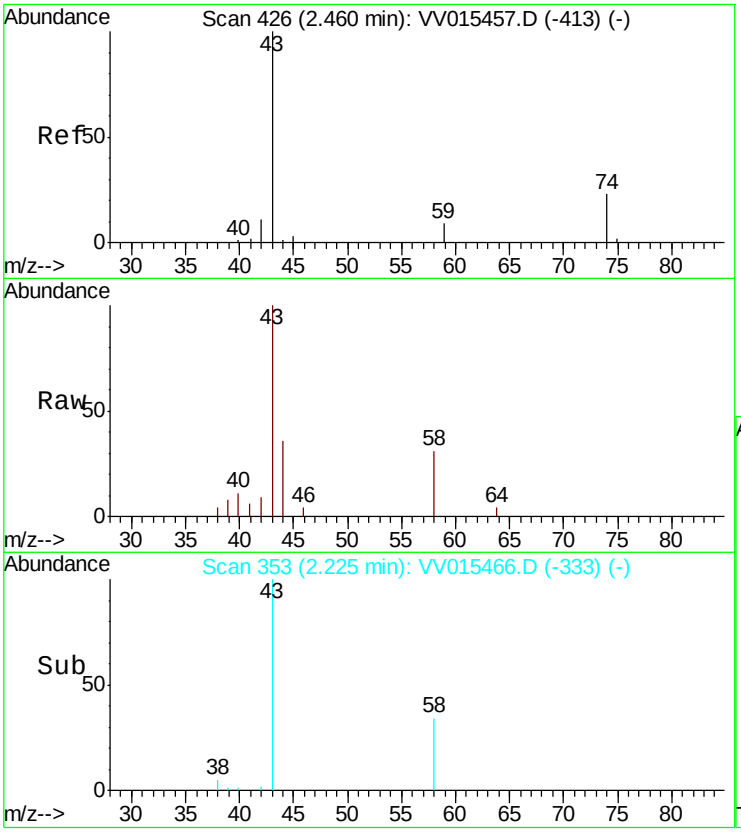


#13
Acetone
Concen: 7.042 ug/L
RT: 2.23 min Scan# 353
Delta R.T. 0.01 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Tgt Ion: 43 Resp: 8473

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	22.2#



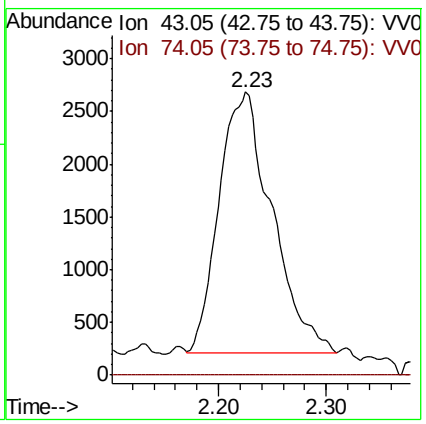


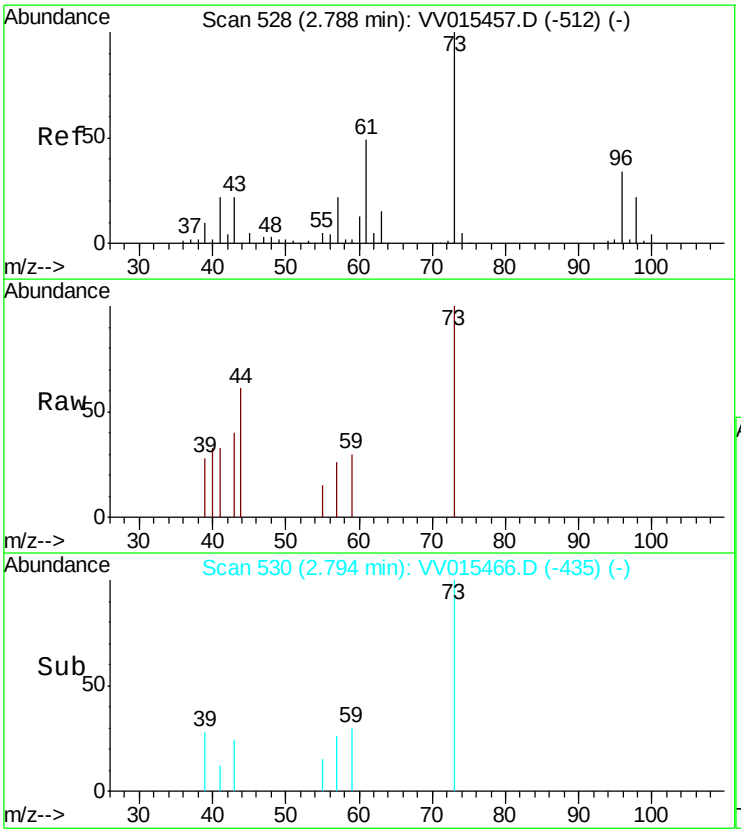
#15
Methyl Acetate
Concen: 2.380 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.23 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Instrument : MSVOA_V
ClientSampleId : YAQ86

Tgt Ion: 43 Resp: 8473

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#

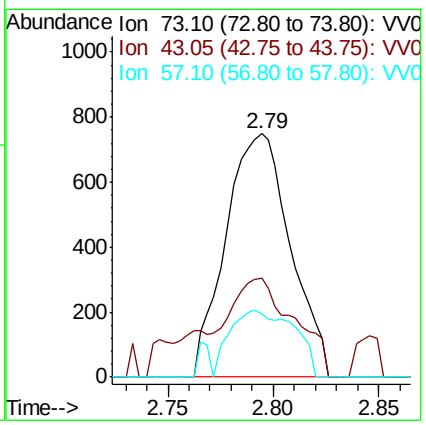


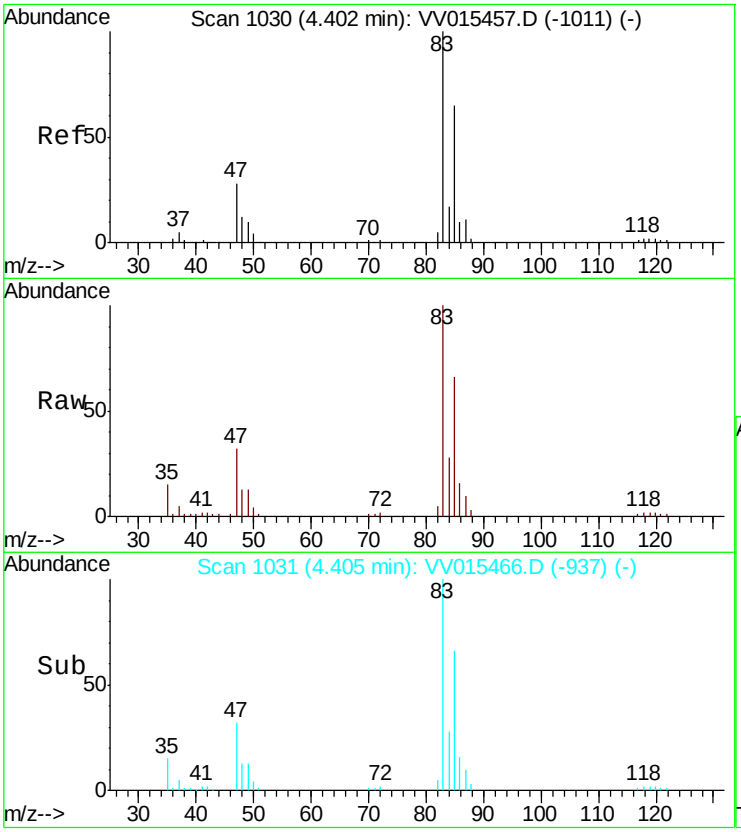


#17
Methyl tert-butyl Ether
Concen: 0.082 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Tgt Ion: 73 Resp: 1600

Ion	Ratio	Lower	Upper
73	100		
43	41.7	18.3	27.5#
57	27.4	18.4	27.6



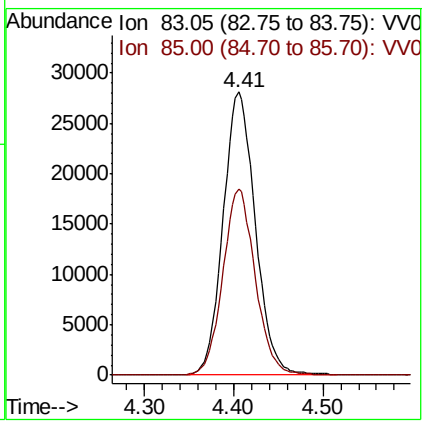


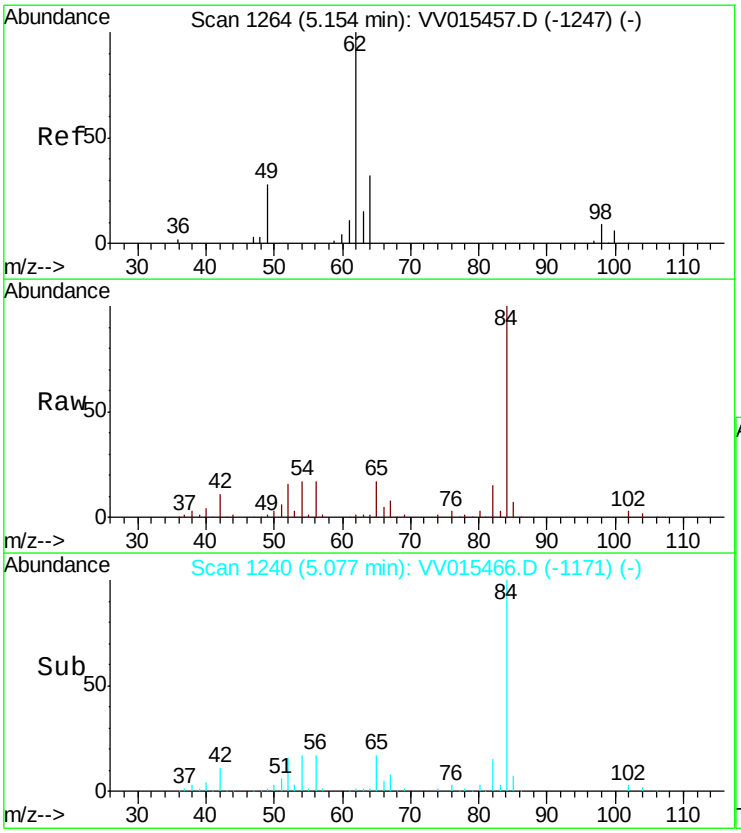
#25
Chloroform
Concen: 4.416 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Instrument : MSVOA_V
ClientSampleId : YAQ86

Tgt Ion: 83 Resp: 70445

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.9	85.3

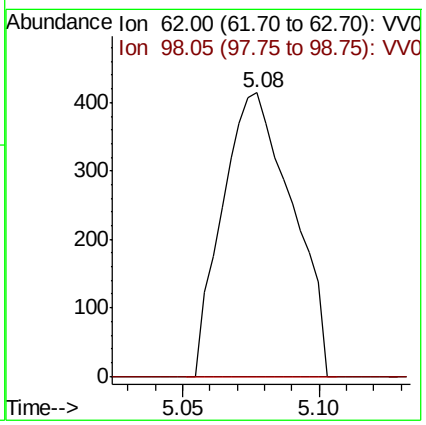


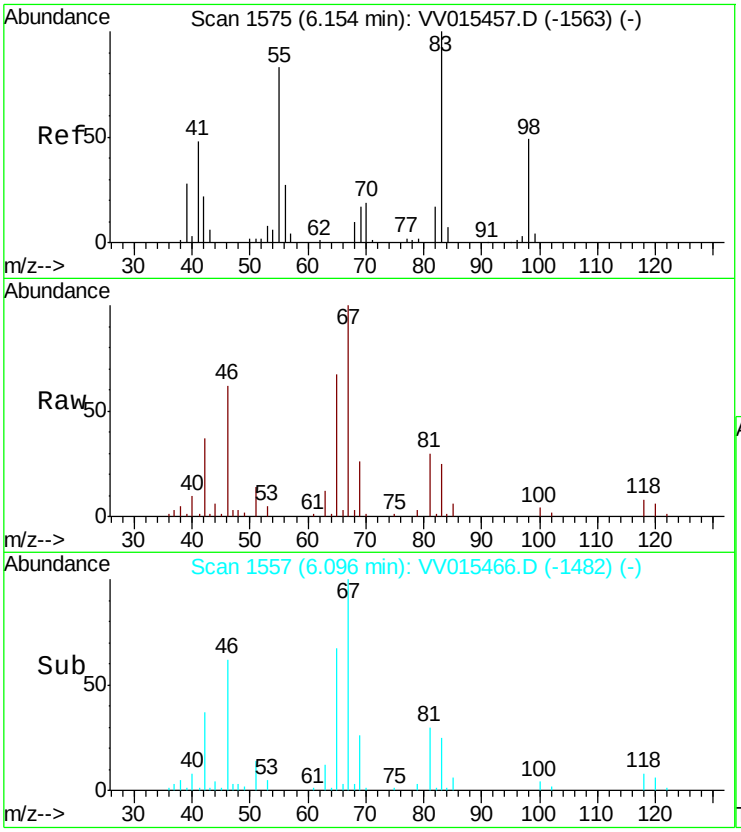


#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Tgt Ion: 62 Resp: 735

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



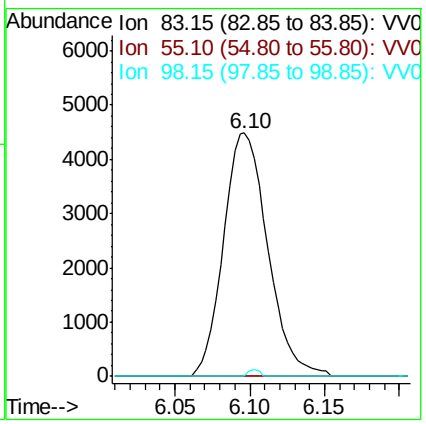


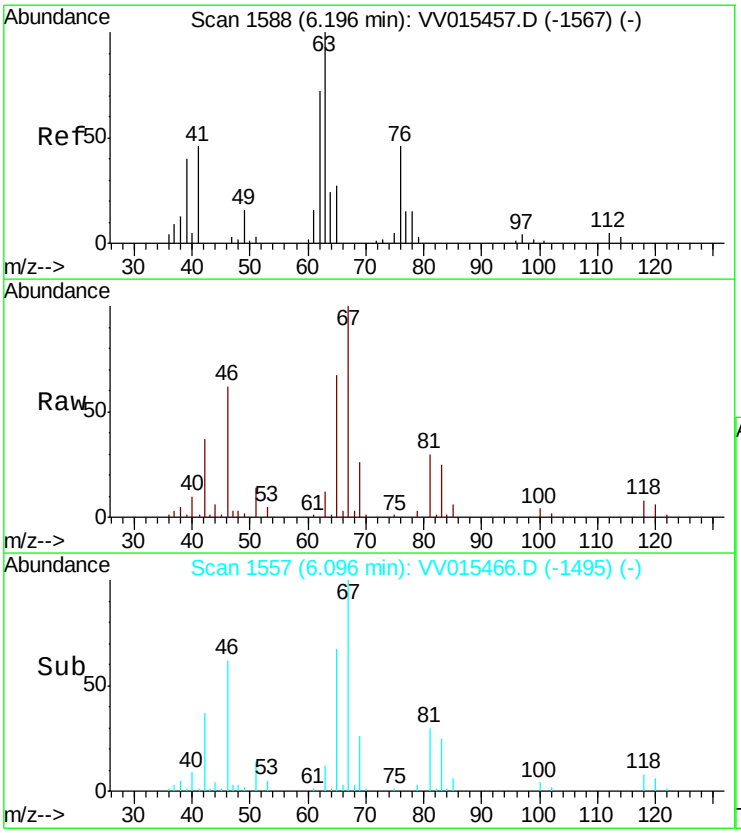
#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Instrument : MSVOA_V
ClientSampleId : YAQ86

Tgt Ion: 83 Resp: 9225

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.6	99.8#
98	0.7	38.7	58.1#

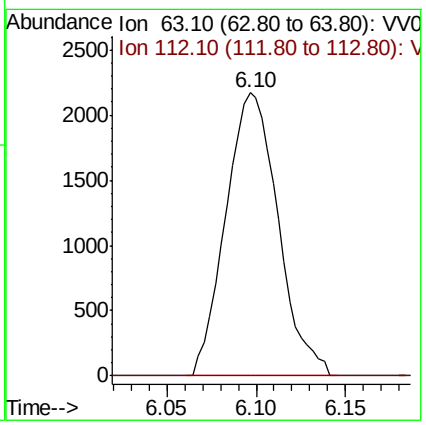


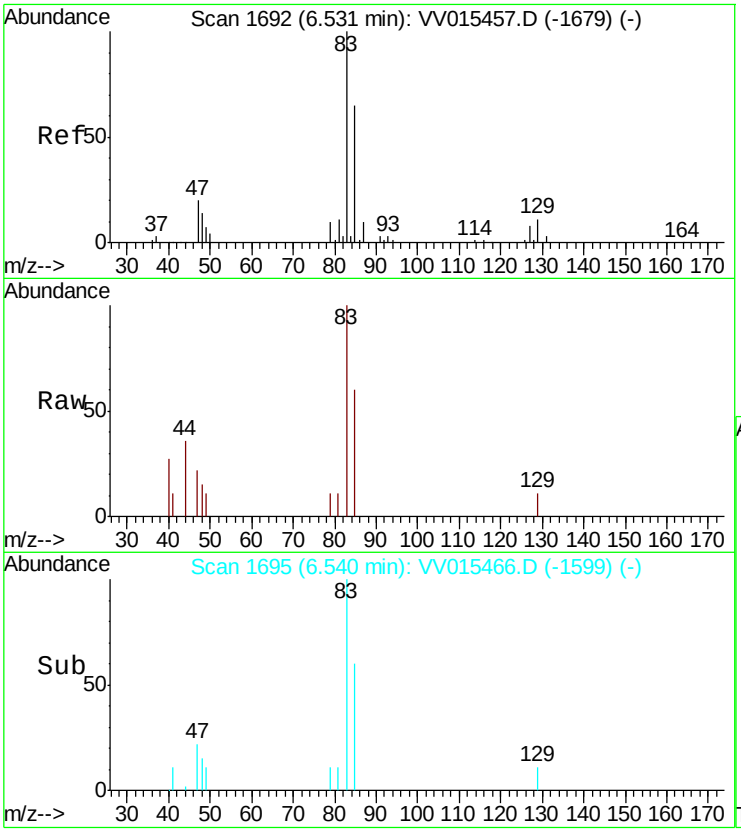


#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Tgt Ion: 63 Resp: 4430

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



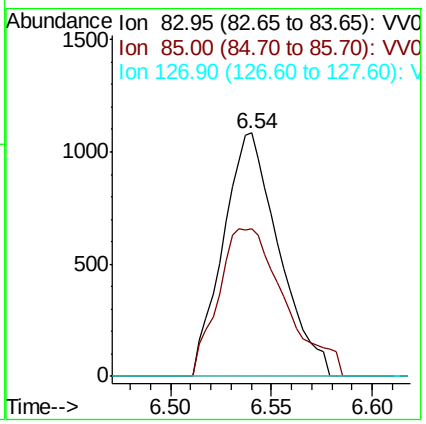


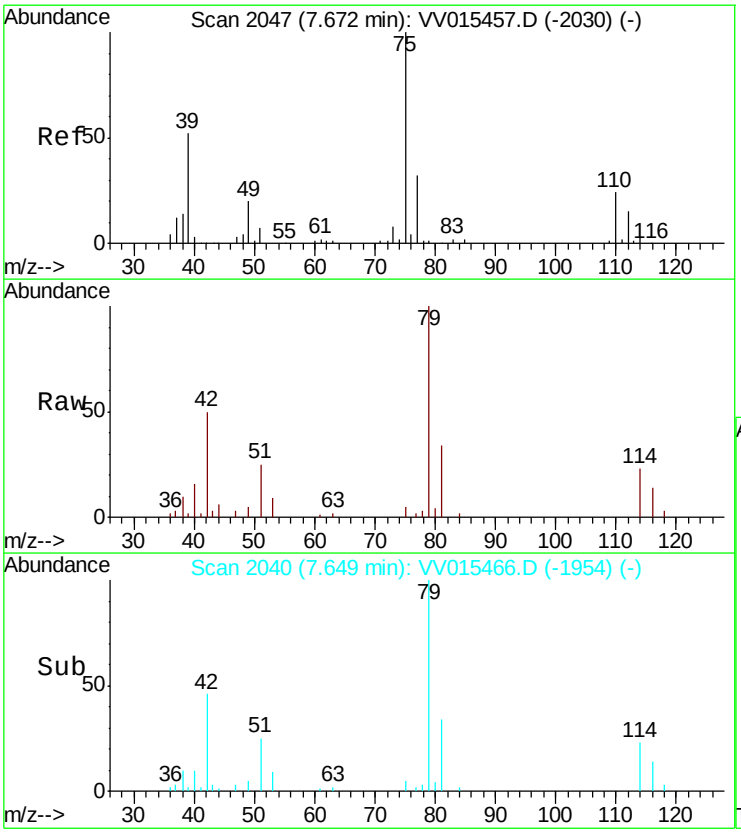
#38
Bromodichloromethane
Concen: 0.187 ug/L
RT: 6.54 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Instrument : MSVOA_V
ClientSampleId : YAQ86

Tgt Ion: 83 Resp: 2088

Ion	Ratio	Lower	Upper
83	100		
85	60.5	42.6	79.2
127	0.0	6.6	9.8#

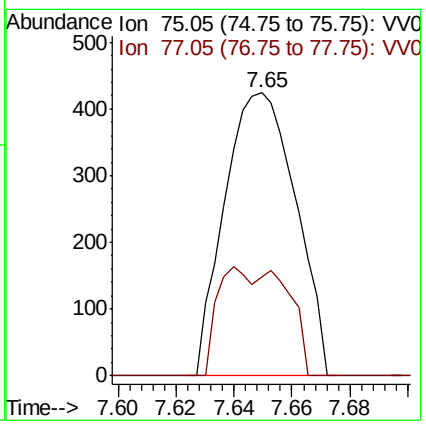


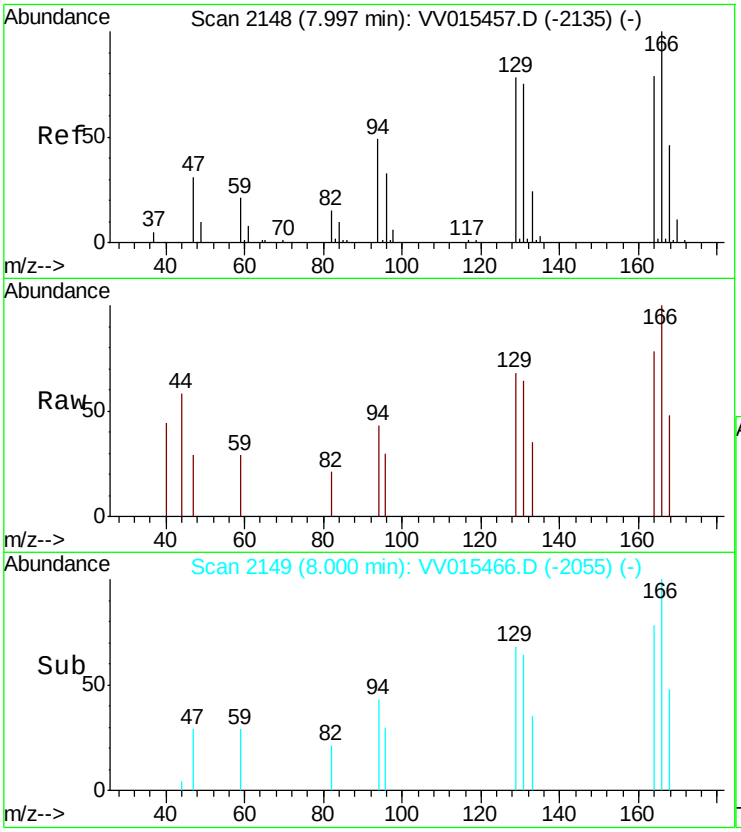


#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Tgt Ion: 75 Resp: 720

Ion	Ratio	Lower	Upper
75	100		
77	35.1	21.0	39.0



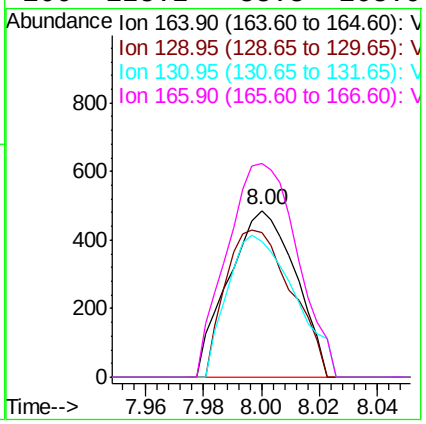


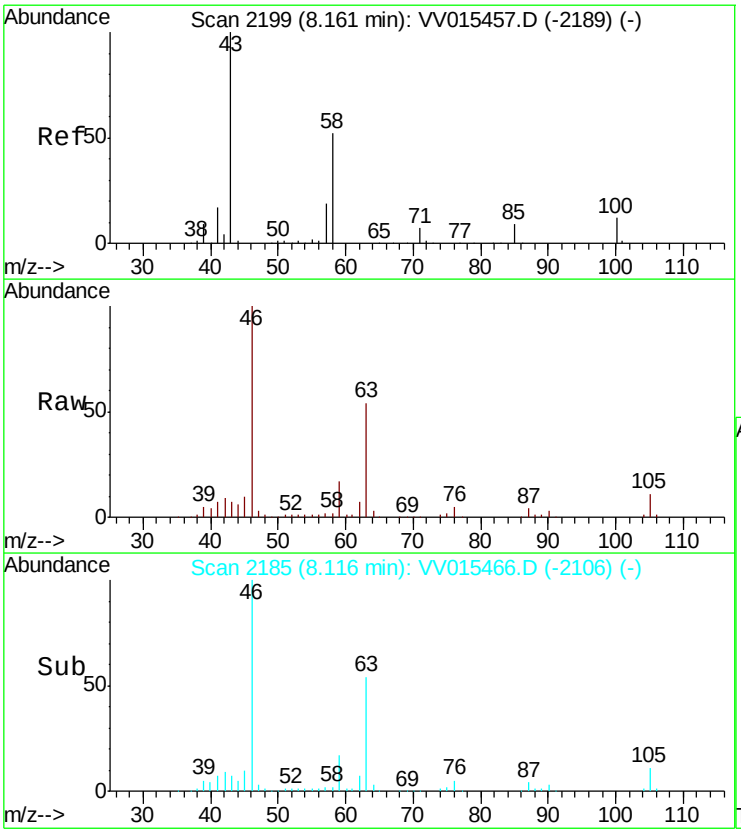
#47
Tetrachloroethene
Concen: 0.116 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Instrument :
MSVOA_V
ClientSampleId :
YAQ86

Tgt Ion:164 Resp: 779

Ion	Ratio	Lower	Upper
164	100		
129	86.8	70.6	131.0
131	81.5	68.3	126.8
166	128.2	88.3	163.9

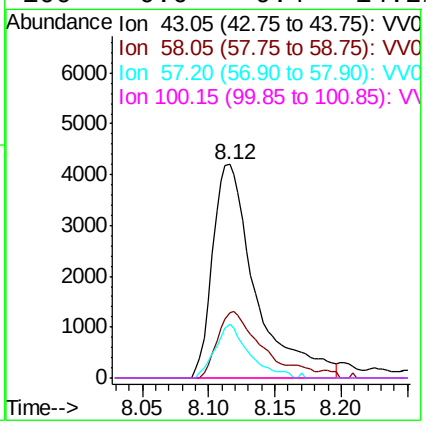


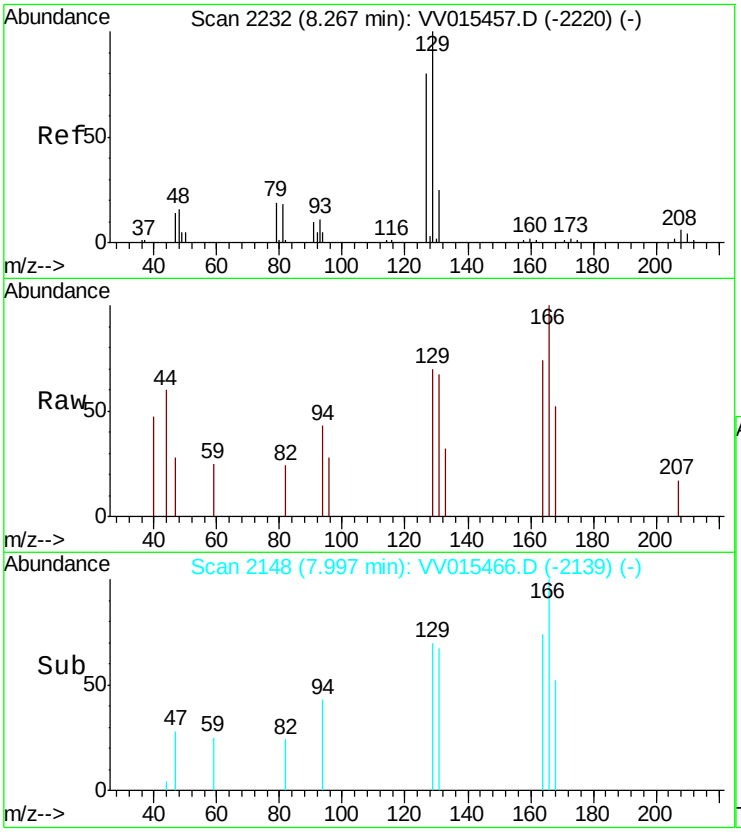


#48
2-Hexanone
Concen: 2.468 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Tgt Ion: 43 Resp: 9480

Ion	Ratio	Lower	Upper
43	100		
58	32.4	41.4	62.0#
57	19.8	15.0	22.4
100	0.0	9.4	14.2#





#49
Dibromochloromethane
Concen: 0.100 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015466.D
Acq: 14 Apr 2020 17:16

Instrument :
MSVOA_V
ClientSampleId :
YAQ86

Tgt Ion:129 Resp: 676

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#