Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
Data File : VV013786.D
Acq On : 26 Nov 2019 14:40
Operator : SY/MD
Sample : K5993-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 27 01:21:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	324504	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	323896	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143612	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	85754	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.58	69	85548	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.13	63	123183	3.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.80%			
20) 2-Butanone-d5	3.96	46	211171	50.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.16%			
24) Chloroform-d	4.40	84	172634	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
26) 1,2-Dichloroethane-d4	5.08	65	99124	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
32) Benzene-d6	5.10	84	386276	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.11	67	119326	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.36	98	313202	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	7.66	79	42020	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	8.14	63	165848	46.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.78%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86775	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	135861	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
3) Chloromethane	1.26	50	2098	0.111	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1389	0.078	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	1592	0.102	ug/L #	1
21) 2-Butanone	4.14	43	126948	28.765	ug/L #	51
25) Chloroform	4.42	83	33062	0.887	ug/L	96
27) 1,2-Dichloroethane	5.09	62	2455	0.115	ug/L	98
31) Carbon tetrachloride	4.88	117	7482	0.257	ug/L	98
35) Methylcyclohexane	6.11	83	29127	0.996	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13150	0.644	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	1766	0.078	ug/L	86
47) Tetrachloroethene	8.01	164	215372	11.317	ug/L	98
48) 2-Hexanone	8.14	43	21516	2.530	ug/L #	78
49) Dibromochloromethane	8.01	129	178936	9.587	ug/L #	10

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

Quantitation Report (Not Reviewed)

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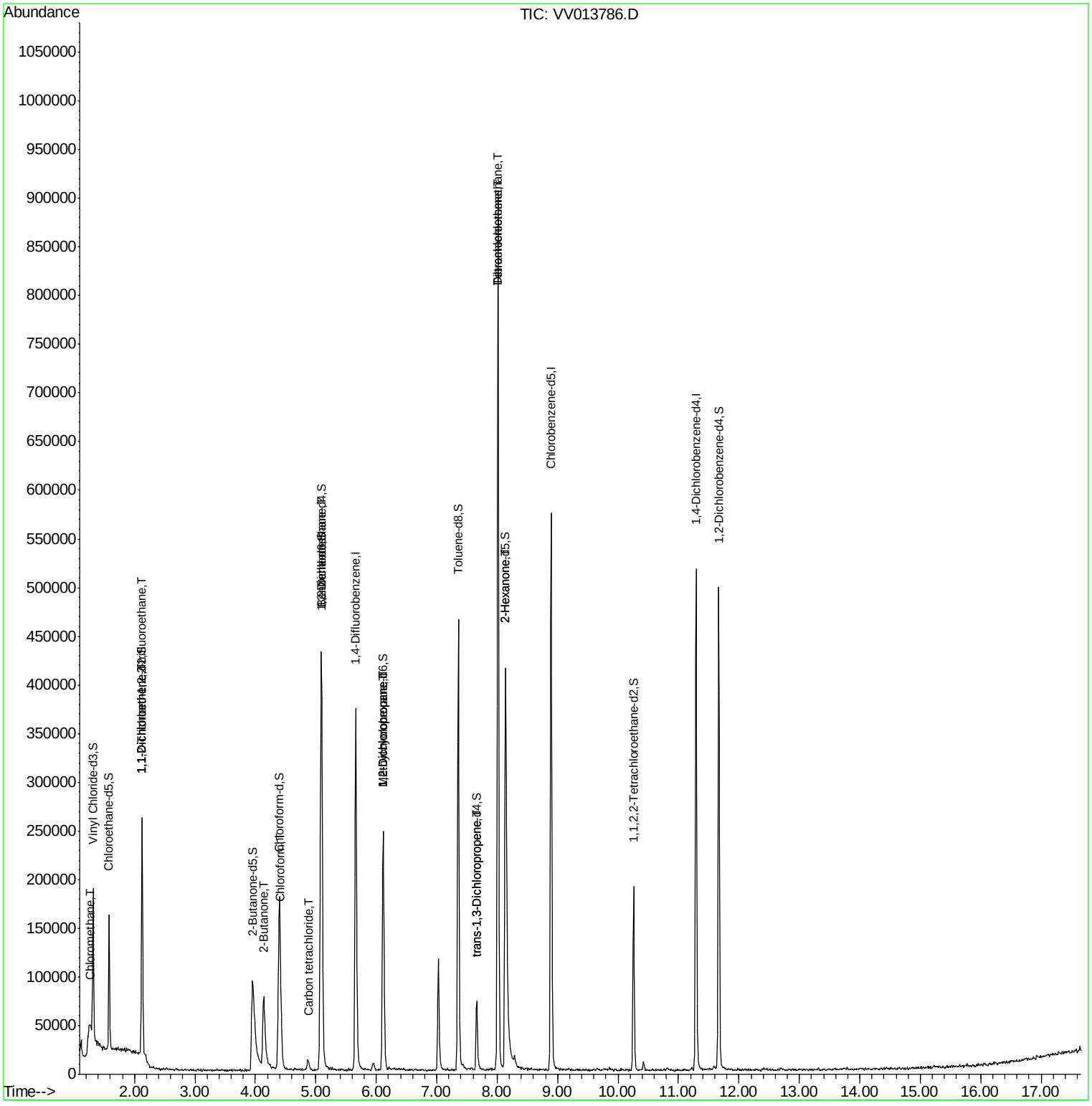
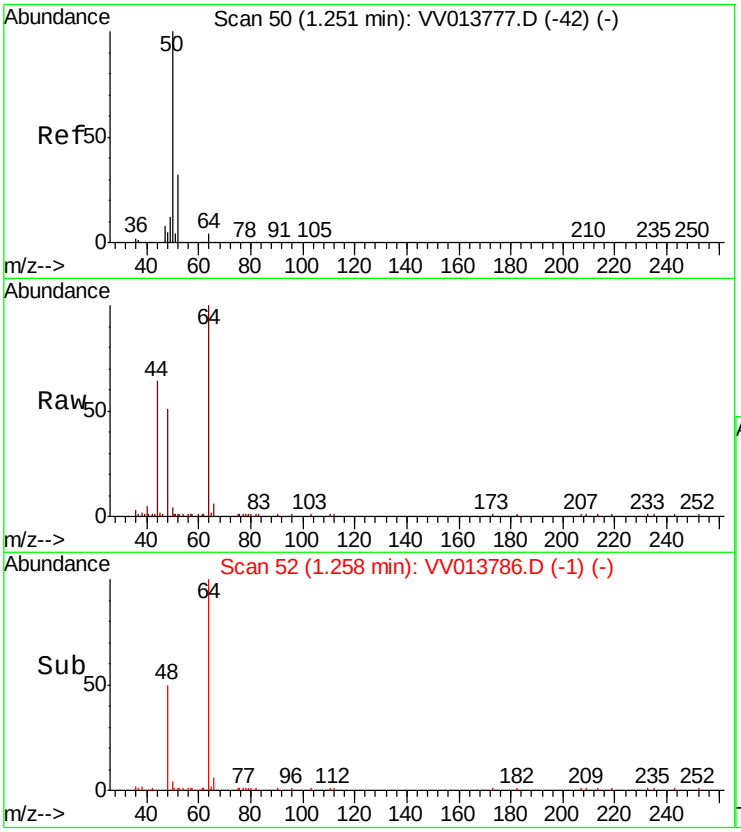
Acq On : 26 Nov 2019 14:40
Operator : SY/MD
Sample : K5993-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 01:21:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration



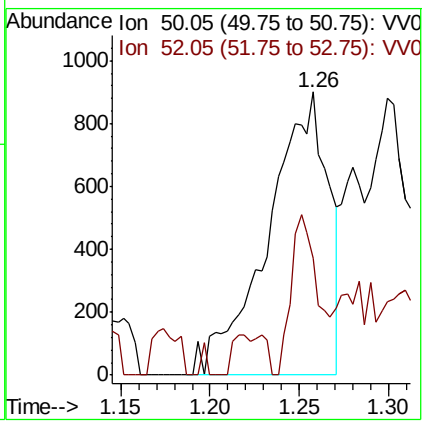


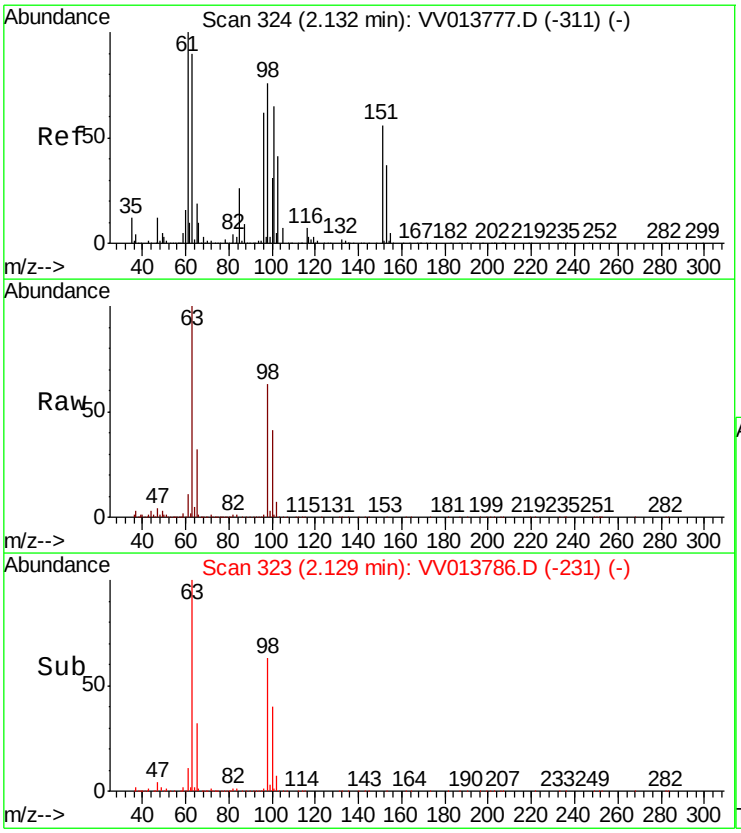
#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.01 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 2098

Ion	Ratio	Lower	Upper
50	100		
52	41.1	22.5	41.7

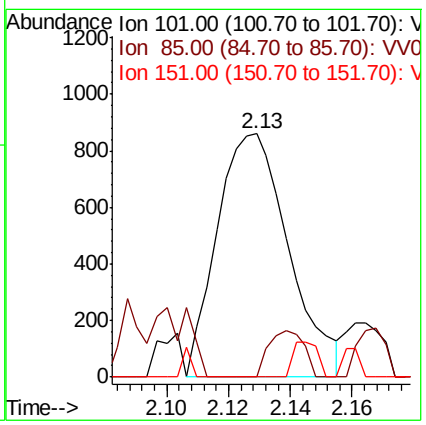


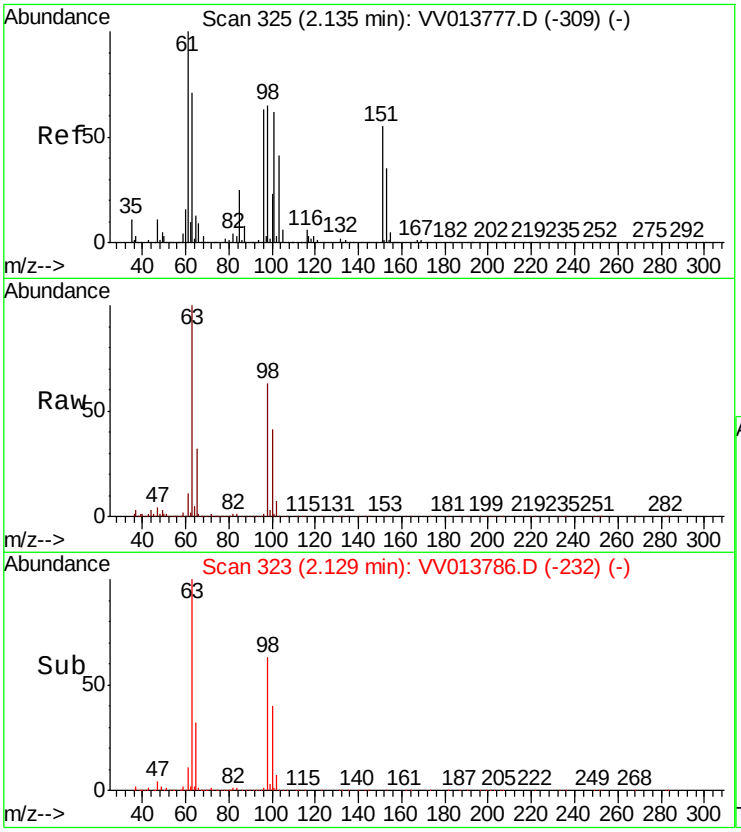


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Tgt Ion:101 Resp: 1389

Ion	Ratio	Lower	Upper
101	100		
85	9.4	33.4	50.0#
151	4.9	69.4	104.0#



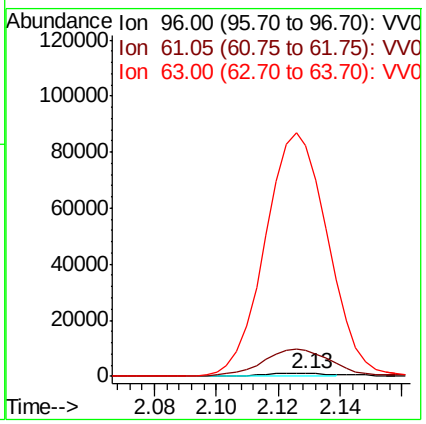


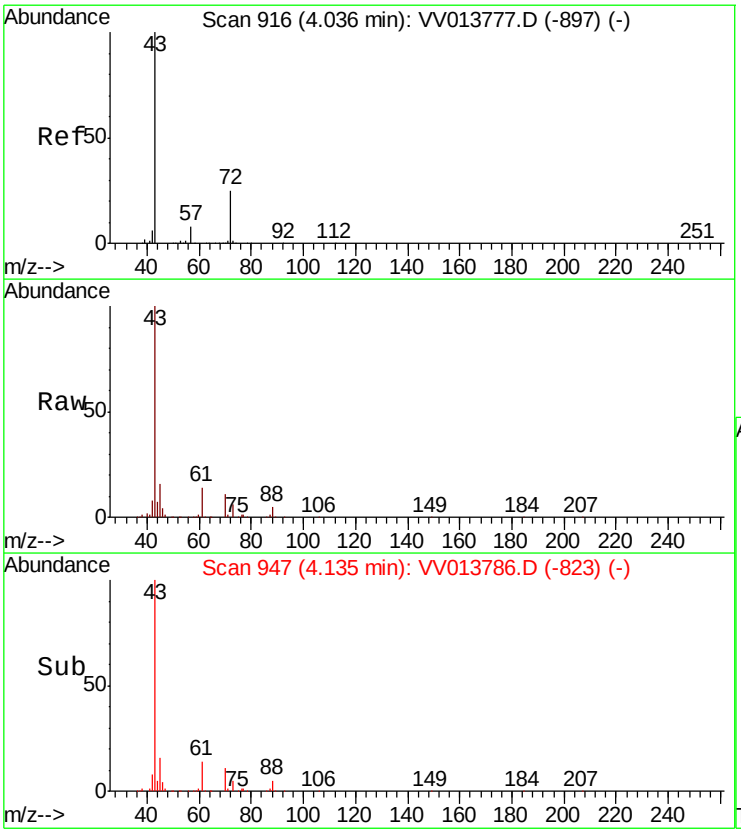
#12
1,1-Dichloroethene
Concen: 0.102 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1592

Ion	Ratio	Lower	Upper
96	100		
61	945.0	116.3	215.9#
63	8375.1	96.7	179.7#

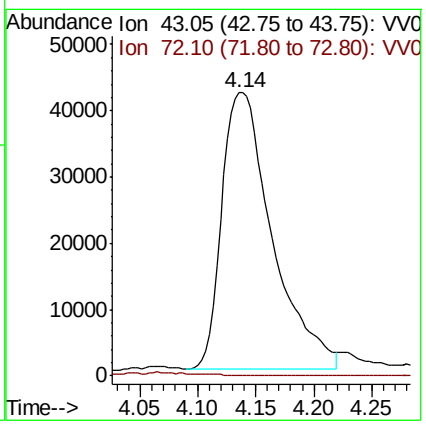


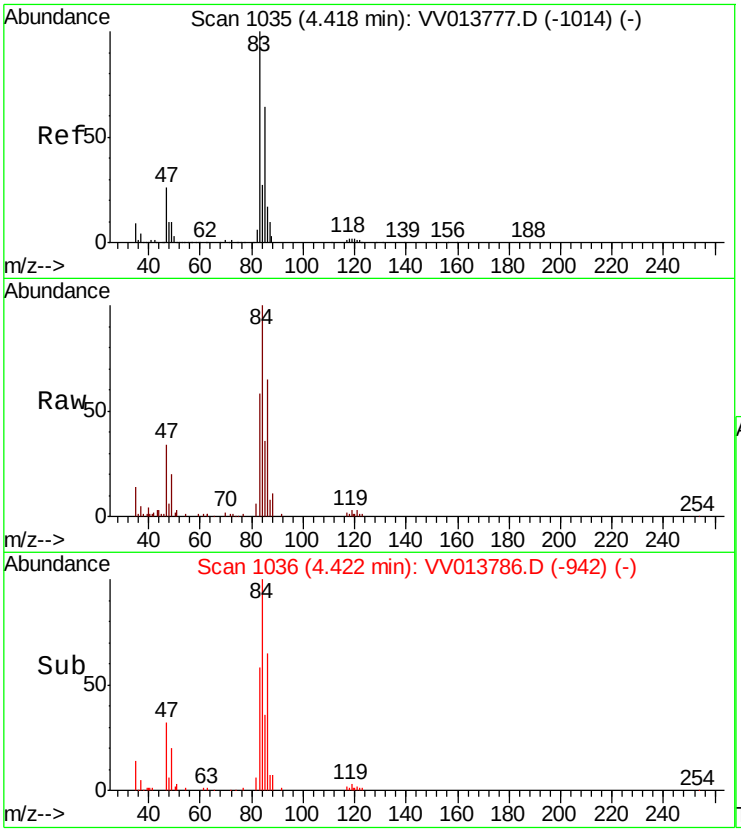


#21
2-Butanone
Concen: 28.765 ug/L
RT: 4.14 min Scan# 947
Delta R.T. 0.10 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Tgt Ion: 43 Resp: 126948

Ion	Ratio	Lower	Upper
43	100		
72	0.1	12.3	36.9#



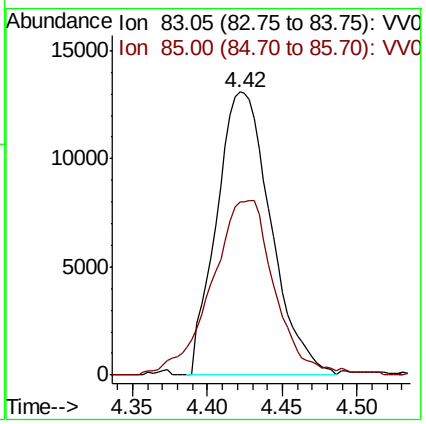


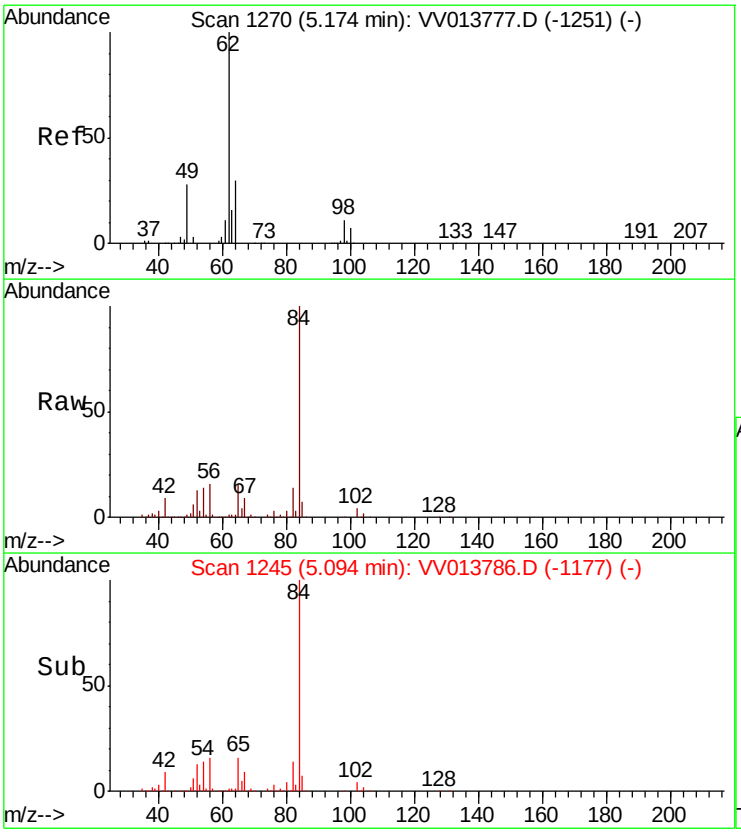
#25
Chloroform
Concen: 0.887 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 33062

Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.1	83.7

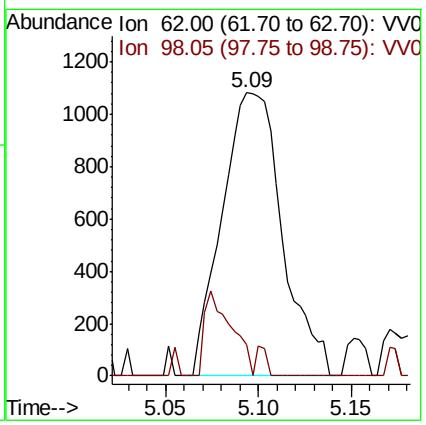


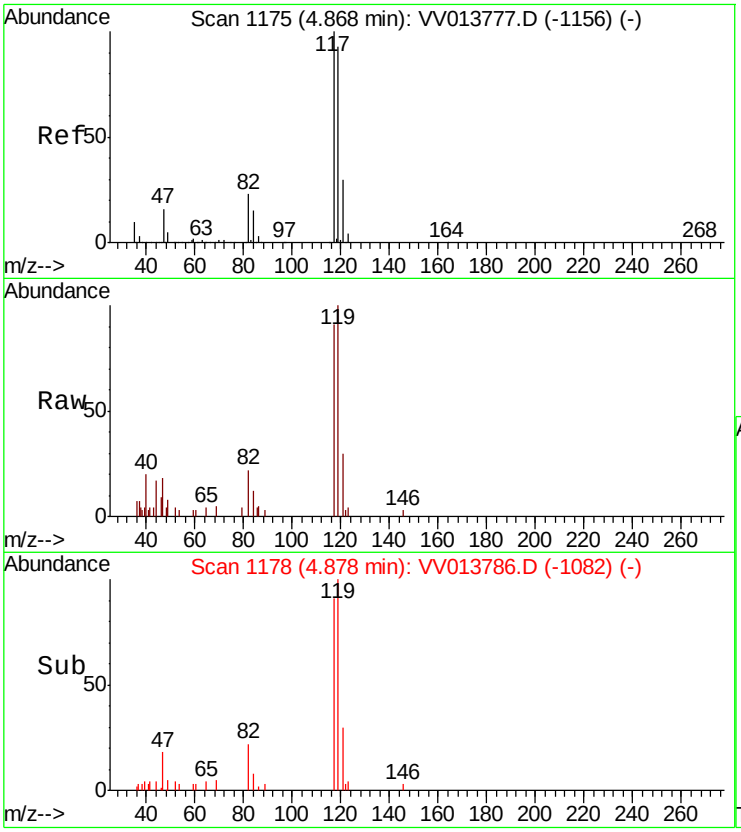


#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Tgt Ion: 62 Resp: 2455

Ion	Ratio	Lower	Upper
62	100		
98	11.0	8.2	12.2



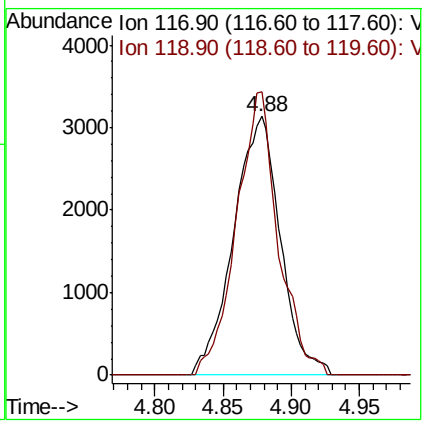


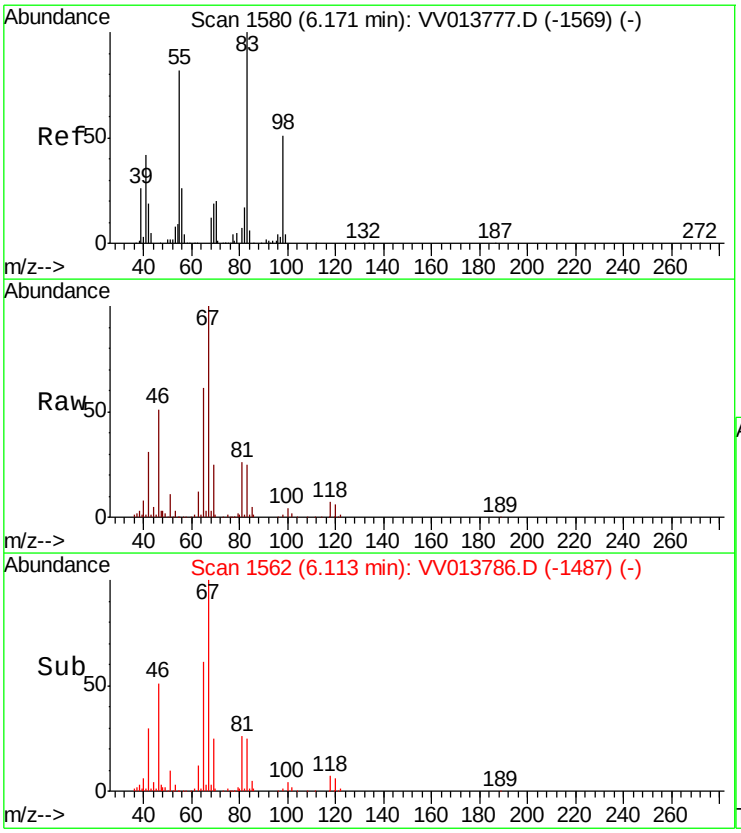
#31
Carbon tetrachloride
Concen: 0.257 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 7482

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.8	115.2

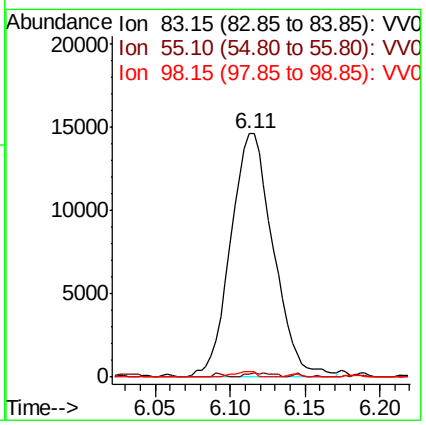


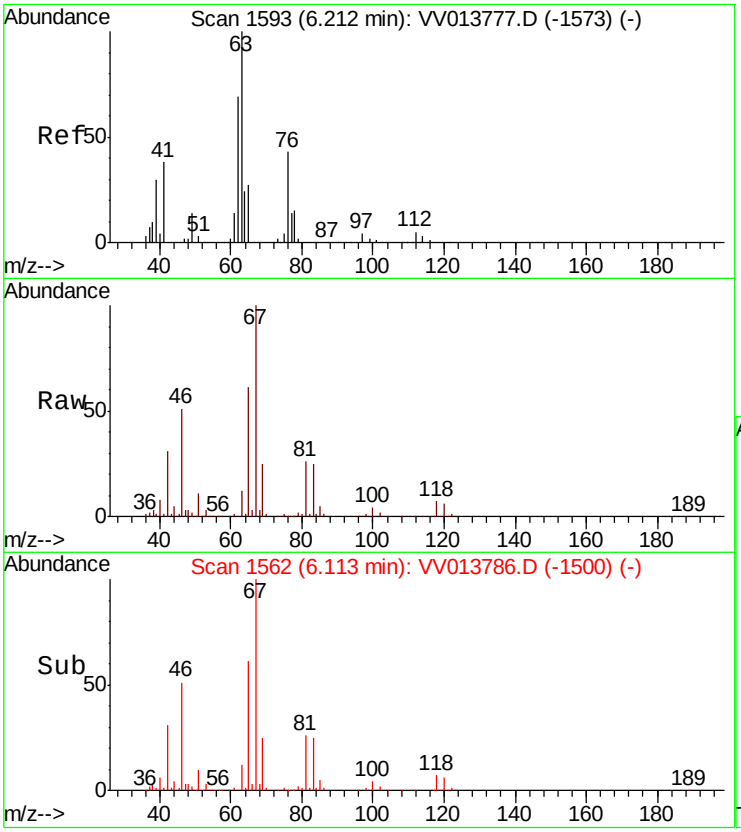


#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Tgt Ion: 83 Resp: 29127

Ion	Ratio	Lower	Upper
83	100		
55	1.0	60.3	90.5#
98	1.1	38.1	57.1#



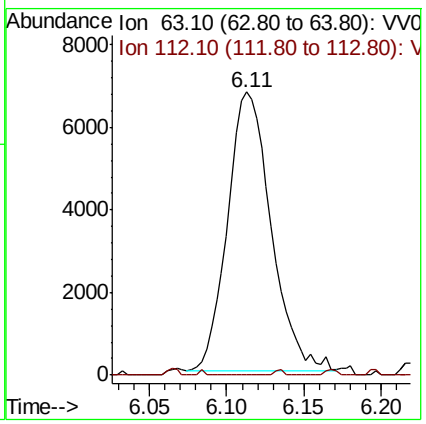


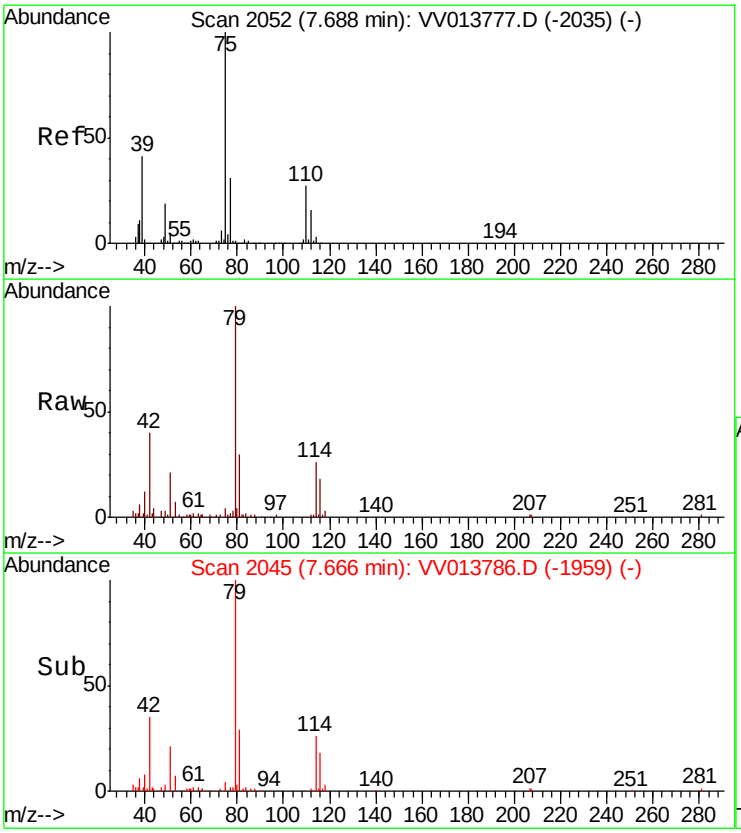
#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 13150

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.4	6.6#

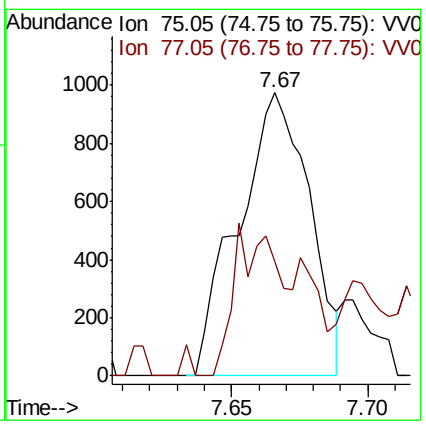


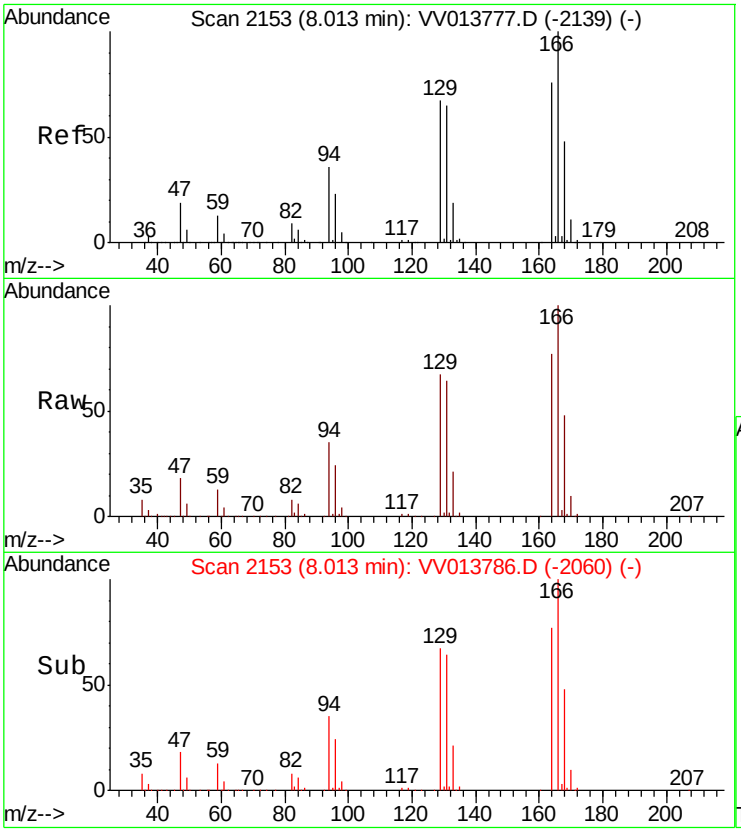


#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Tgt Ion: 75 Resp: 1766

Ion	Ratio	Lower	Upper
75	100		
77	40.6	23.0	42.8



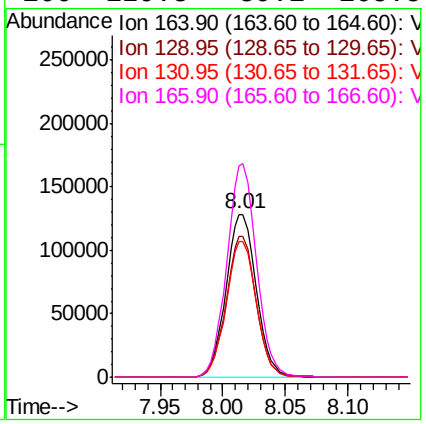


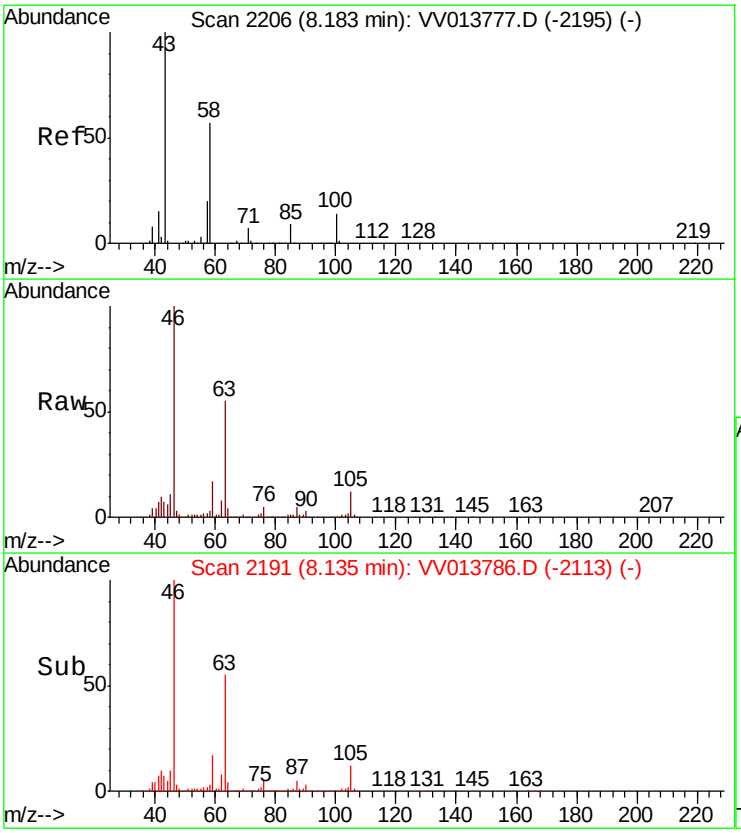
#47
Tetrachloroethene
Concen: 11.317 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 215372

Ion	Ratio	Lower	Upper
164	100		
129	86.5	60.3	112.1
131	83.4	59.9	111.3
166	129.8	89.1	165.5

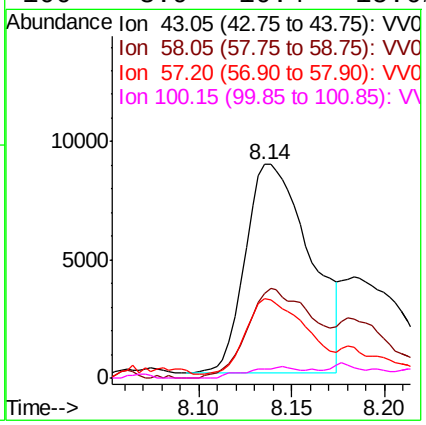


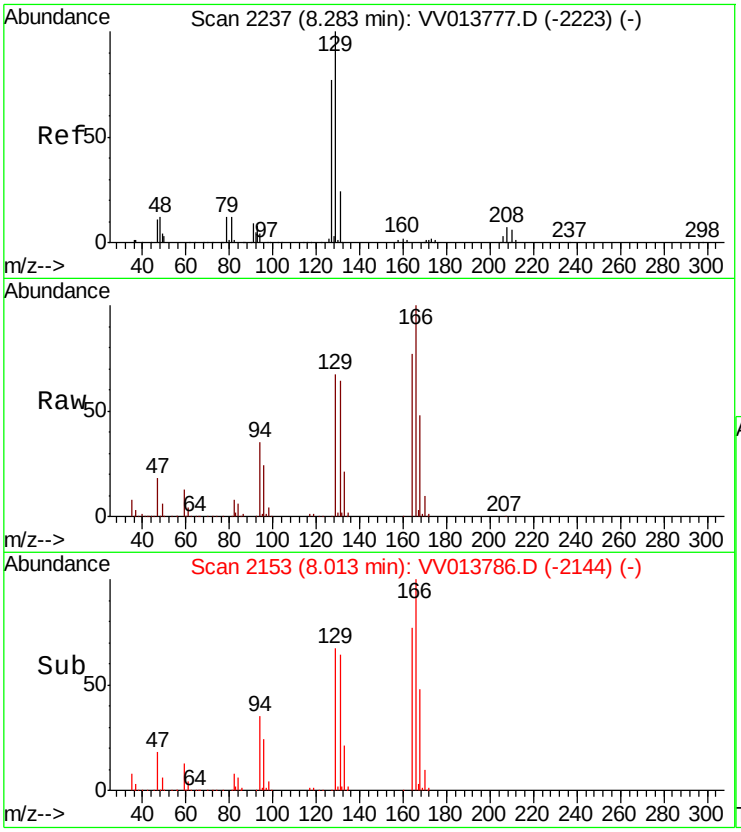


#48
2-Hexanone
Concen: 2.530 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Tgt Ion: 43 Resp: 21516

Ion	Ratio	Lower	Upper
43	100		
58	43.1	43.2	64.8#
57	37.3	15.4	23.2#
100	3.9	10.4	15.6#





#49
Dibromochloromethane
Concen: 9.587 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV013786.D
Acq: 26 Nov 2019 14:40

Tgt Ion:129 Resp: 178936

Ion	Ratio	Lower	Upper
129	100		
127	0.1	55.7	103.5#

Instrument :
MSVOA_V
ClientSampleId :