Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082719\

Quantitation Report (Not Reviewed)

Data File : VV012424.D
Acq On : 27 Aug 2019 13:38
Operator : SY/MD
Sample : K4500-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL1

Quant Time: Aug 28 07:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213372	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	218058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77815	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	63469	5.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 119.00%			
7) Chloroethane-d5	1.58	69	54357	6.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 138.20%#			
11) 1,1-Dichloroethene-d2	2.13	63	93315	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.60%			
20) 2-Butanone-d5	3.93	46	110844	38.57	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.14%			
24) Chloroform-d	4.40	84	113331	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.08	65	61294	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.10	84	233078	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.12	67	73700	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.36	98	183039	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.00%			
43) trans-1,3-Dichloropropene-	7.67	79	22542	3.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.00%			
46) 2-Hexanone-d5	8.13	63	57778	30.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 61.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39341	3.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 73.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	61387	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1459	0.080	ug/L	90
3) Chloromethane	1.26	50	1058	0.075	ug/L	87
9) Trichlorofluoromethane	1.77	101	1827	0.101	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1189	0.126	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	970	0.113	ug/L #	1
13) Acetone	2.19	43	140164	112.731	ug/L	99
15) Methyl Acetate	2.30	43	5098	1.629	ug/L #	48
21) 2-Butanone	4.03	43	8895	3.046	ug/L	98
25) Chloroform	4.42	83	12405	0.470	ug/L	94
35) Methylcyclohexane	6.12	83	18181	0.771	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8552	0.607	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	1180	0.082	ug/L	83
47) Tetrachloroethene	8.02	164	32798	2.709	ug/L	96
48) 2-Hexanone	8.18	43	17660	3.243	ug/L #	80
49) Dibromochloromethane	8.02	129	27710	2.533	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082719\

Quantitation Report (Not Reviewed)

Data File : VV012424.D
Acq On : 27 Aug 2019 13:38
Operator : SY/MD
Sample : K4500-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANL1

Quant Time: Aug 28 07:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 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_V\DATA\VV082719\

Quantitation Report (Not Reviewed)

Data File : VV012424.D
Acq On : 27 Aug 2019 13:38
Operator : SY/MD
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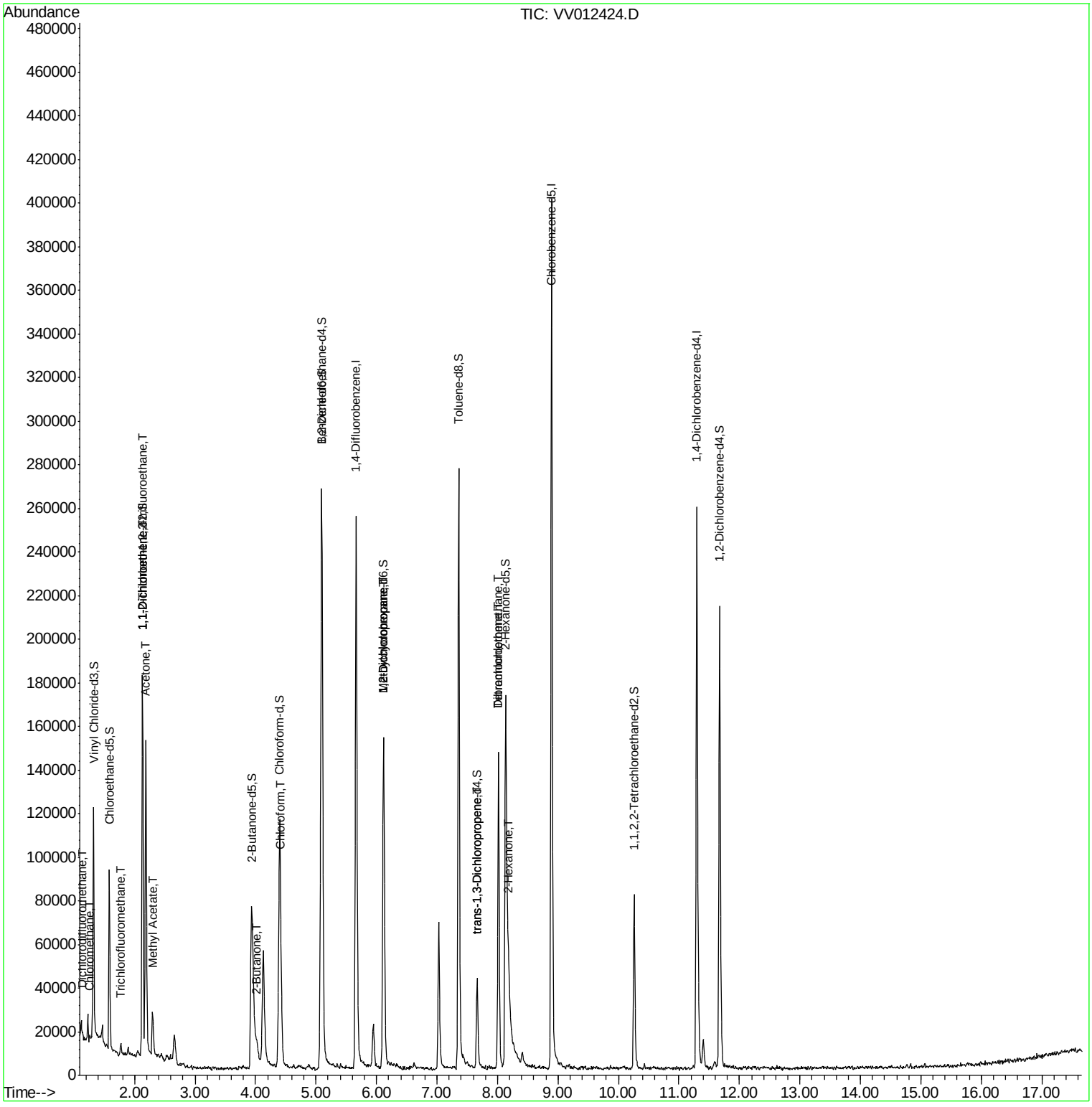
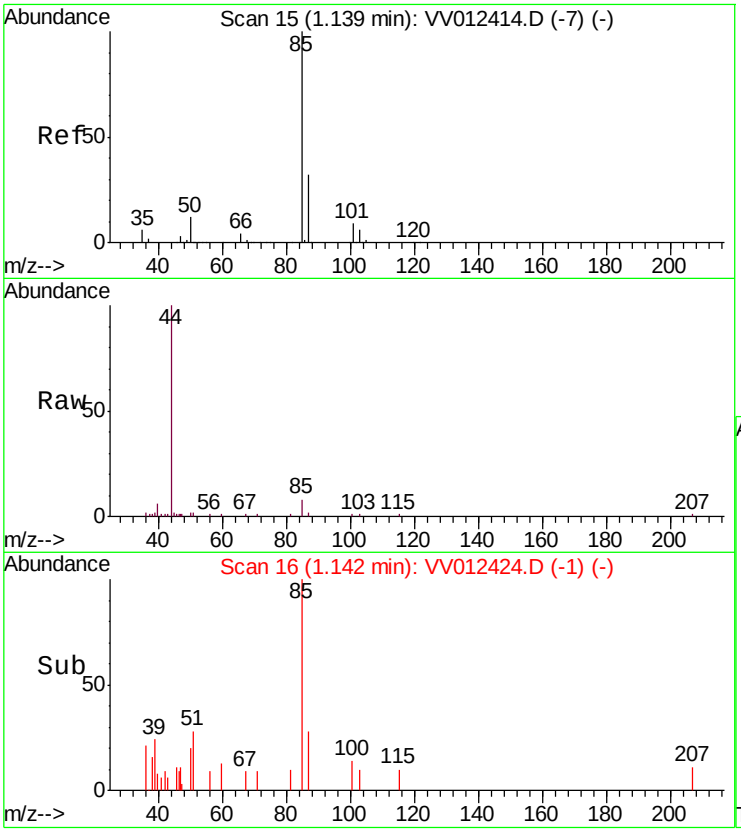
ClientSampleId :
GANL1

Quant Time: Aug 28 07:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration



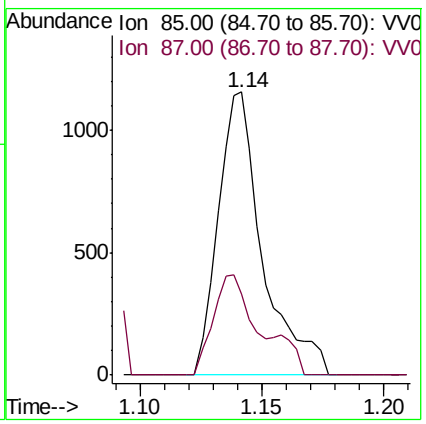


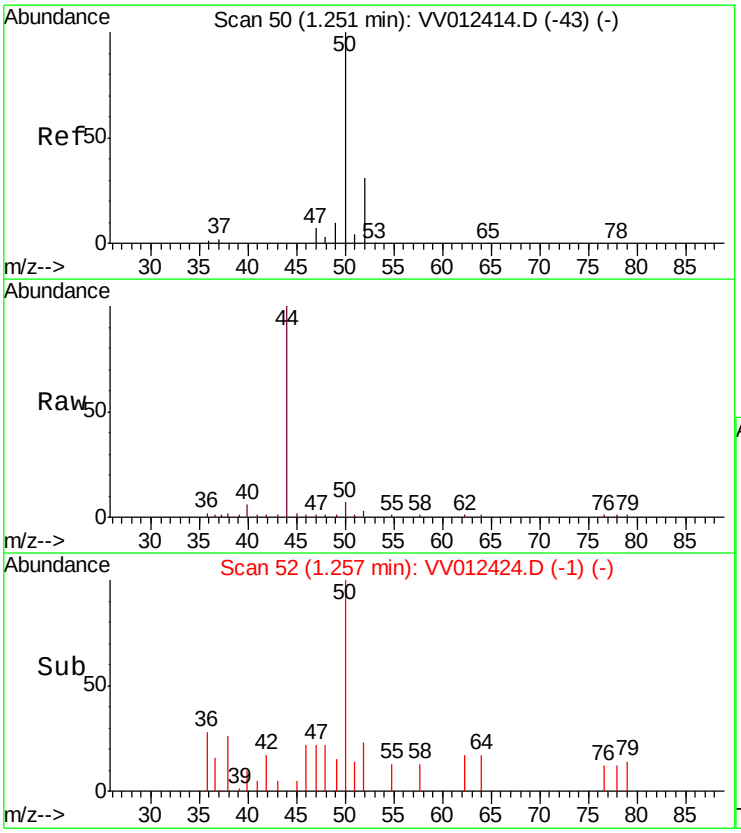
#2
Dichlorodifluoromethane
Concen: 0.080 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Tgt Ion: 85 Resp: 1459

Ion	Ratio	Lower	Upper
85	100		
87	37.9	25.8	38.8

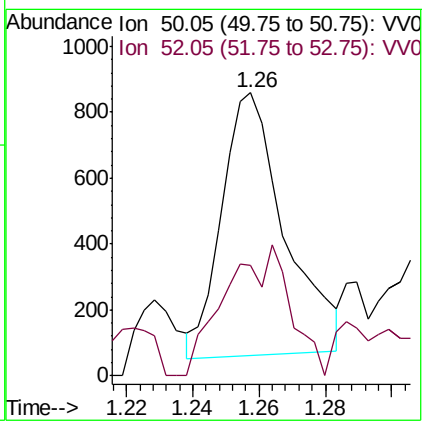


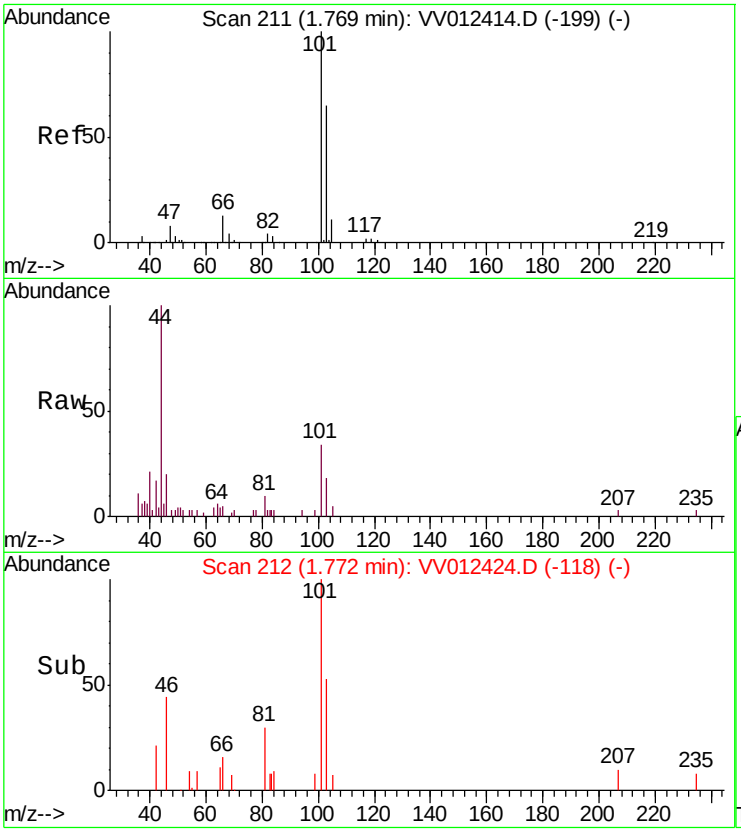


#3
Chloromethane
Concen: 0.075 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.01 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Tgt Ion: 50 Resp: 1058

Ion	Ratio	Lower	Upper
50	100		
52	38.9	22.2	41.2



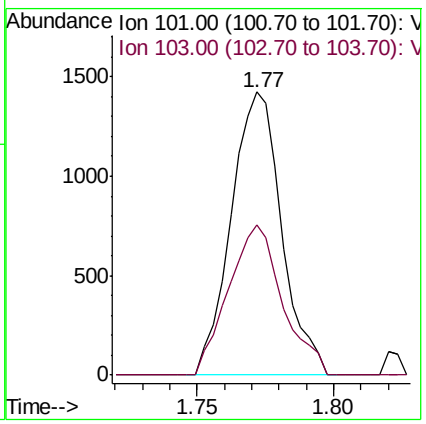


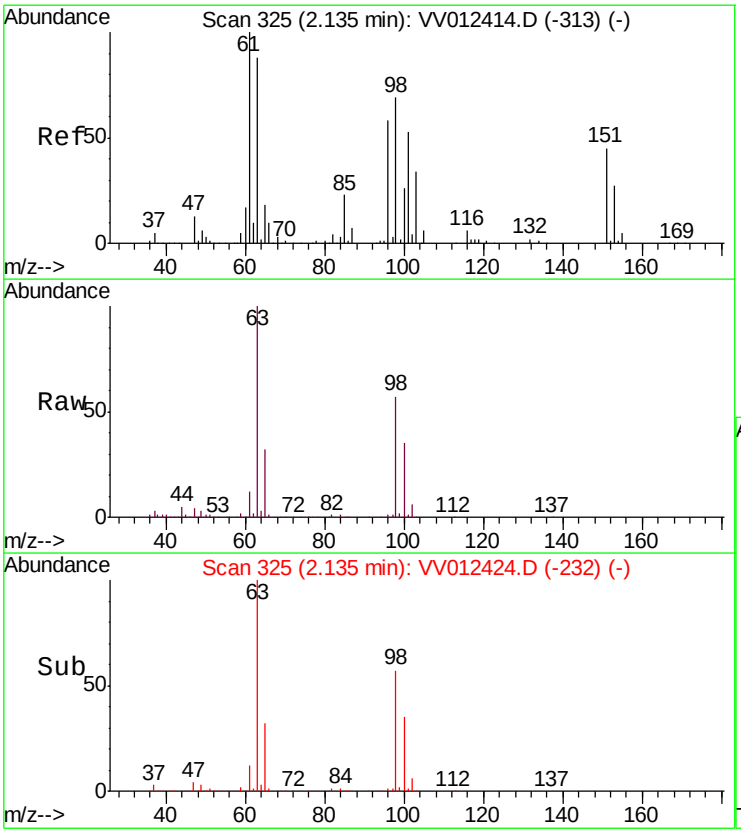
#9
Trichlorofluoromethane
Concen: 0.101 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Tgt Ion:101 Resp: 1827

Ion	Ratio	Lower	Upper
101	100		
103	56.7	51.2	76.8

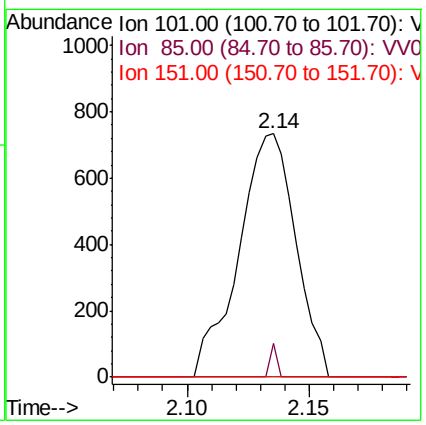


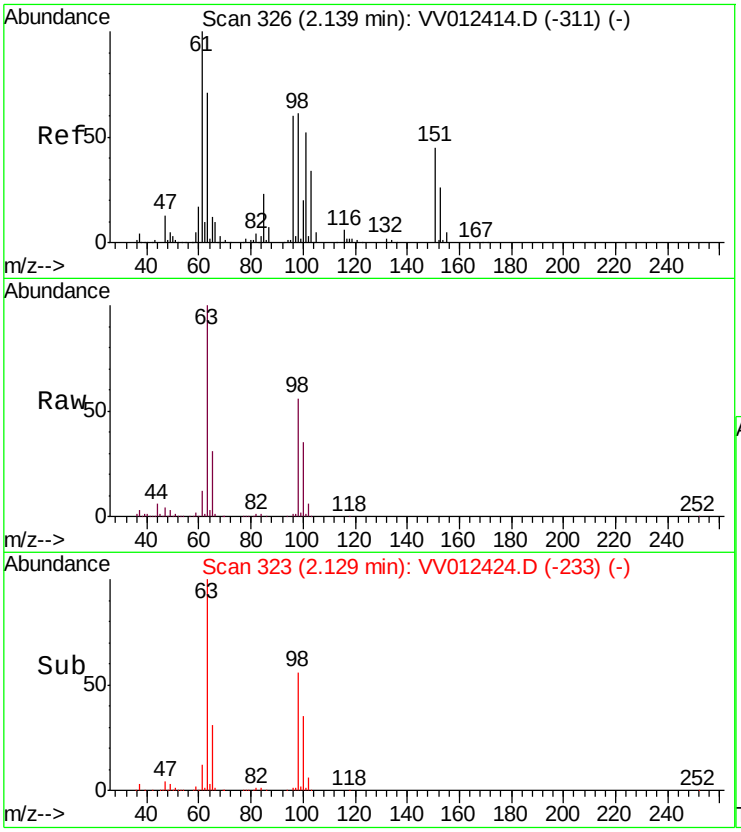


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.126 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Tgt Ion:101 Resp: 1189

Ion	Ratio	Lower	Upper
101	100		
85	1.6	34.6	51.8#
151	0.0	71.2	106.8#



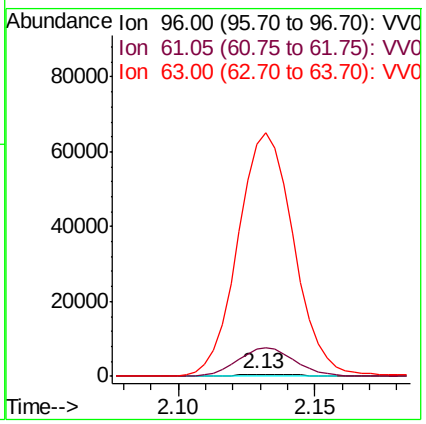


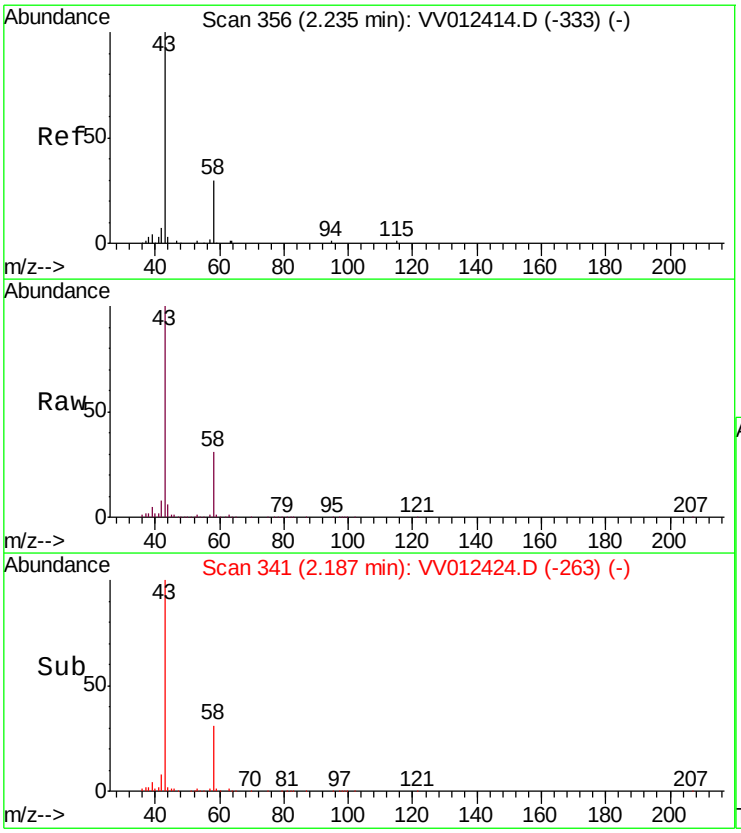
#12
1,1-Dichloroethene
Concen: 0.113 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Tgt Ion: 96 Resp: 970

Ion	Ratio	Lower	Upper
96	100		
61	1320.6	122.3	227.1#
63	11280.1	90.6	168.2#

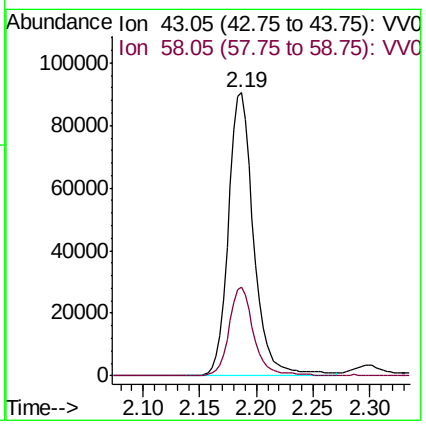


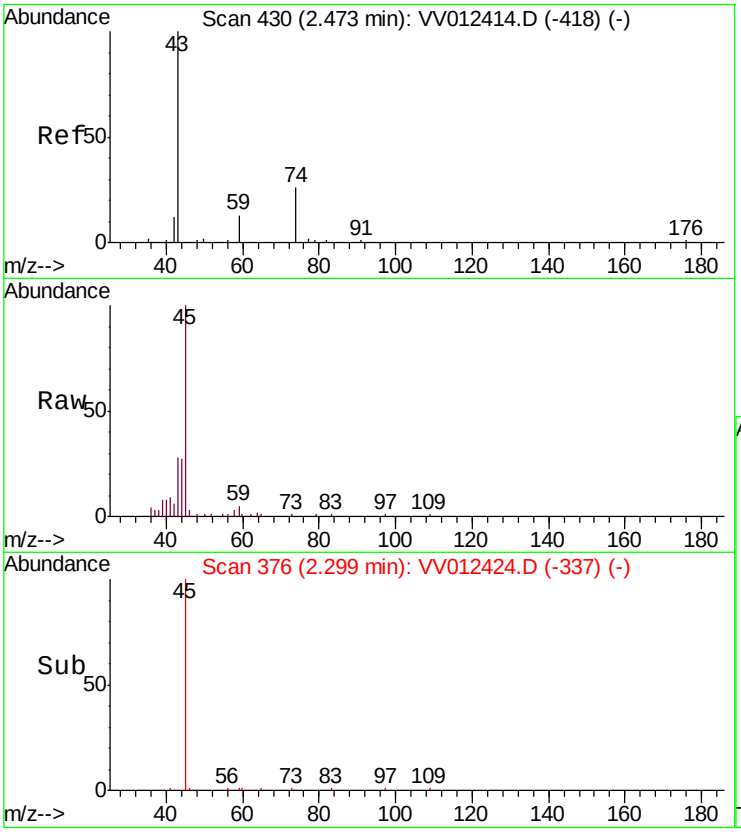


#13
Acetone
Concen: 112.731 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.05 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Tgt Ion: 43 Resp: 140164

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	62.8



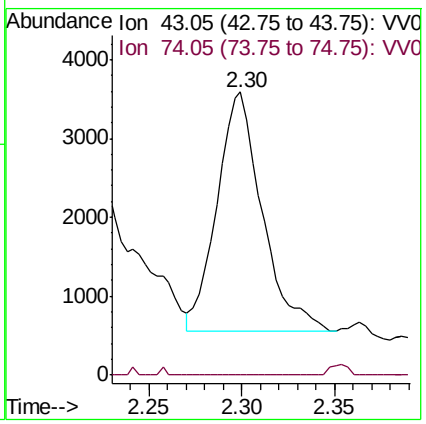


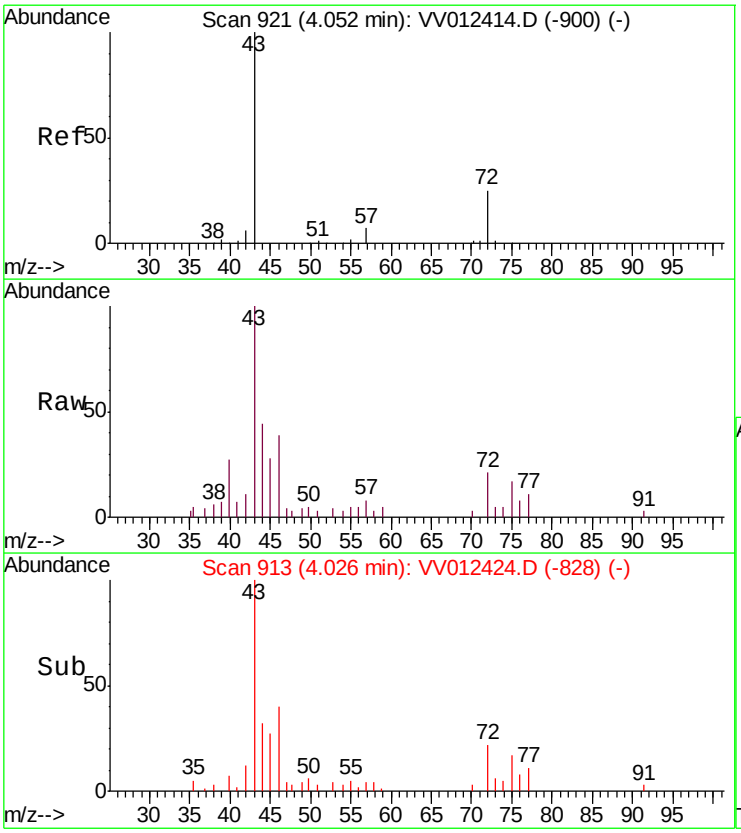
#15
Methyl Acetate
Concen: 1.629 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Tgt Ion: 43 Resp: 5098

Ion	Ratio	Lower	Upper
43	100		
74	0.4	21.8	32.6#

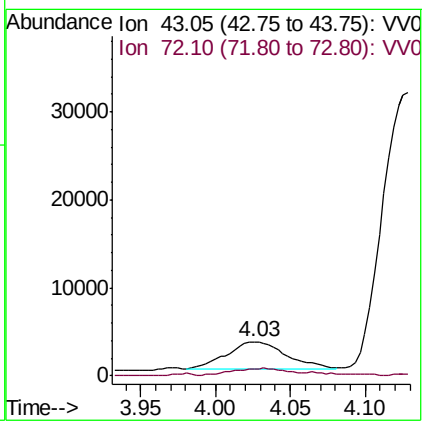


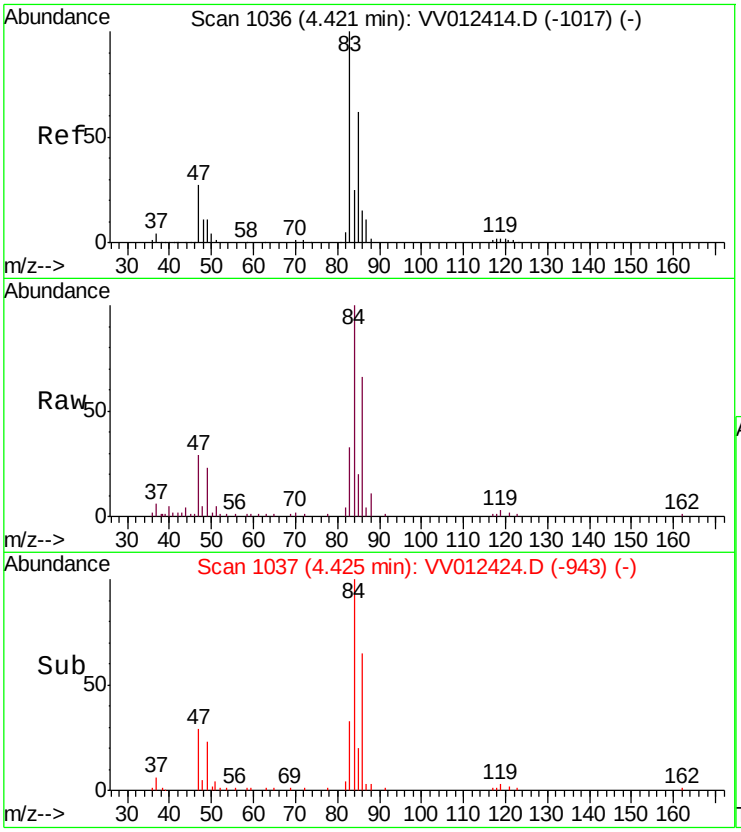


#21
2-Butanone
Concen: 3.046 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.03 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Tgt Ion: 43 Resp: 8895

Ion	Ratio	Lower	Upper
43	100		
72	25.2	12.2	36.6



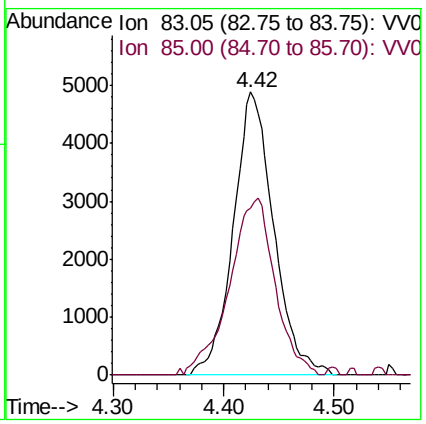


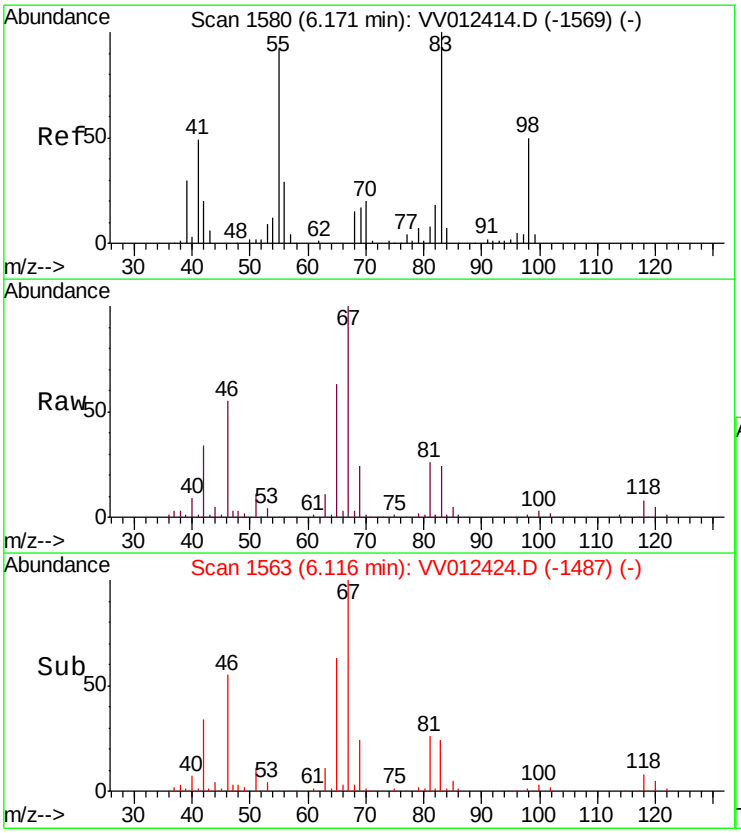
#25
Chloroform
Concen: 0.470 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Tgt Ion: 83 Resp: 12405

Ion	Ratio	Lower	Upper
83	100		
85	59.0	44.6	82.8

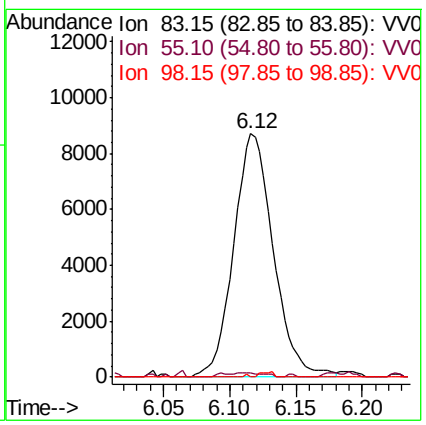


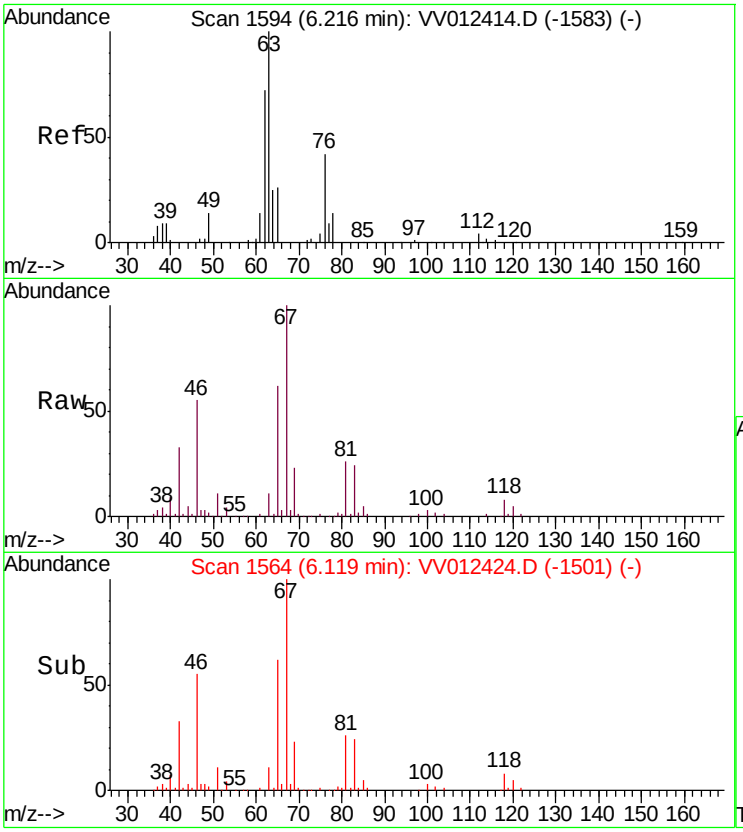


#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Tgt Ion: 83 Resp: 18181

Ion	Ratio	Lower	Upper
83	100		
55	1.4	64.6	97.0#
98	0.0	39.0	58.4#



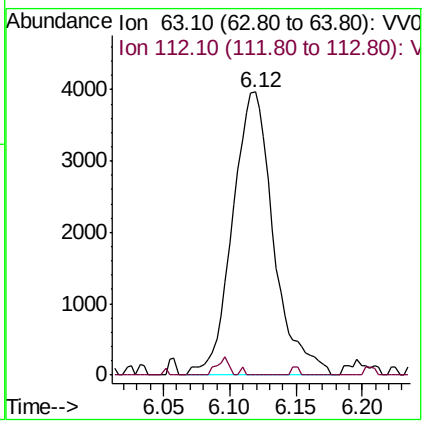


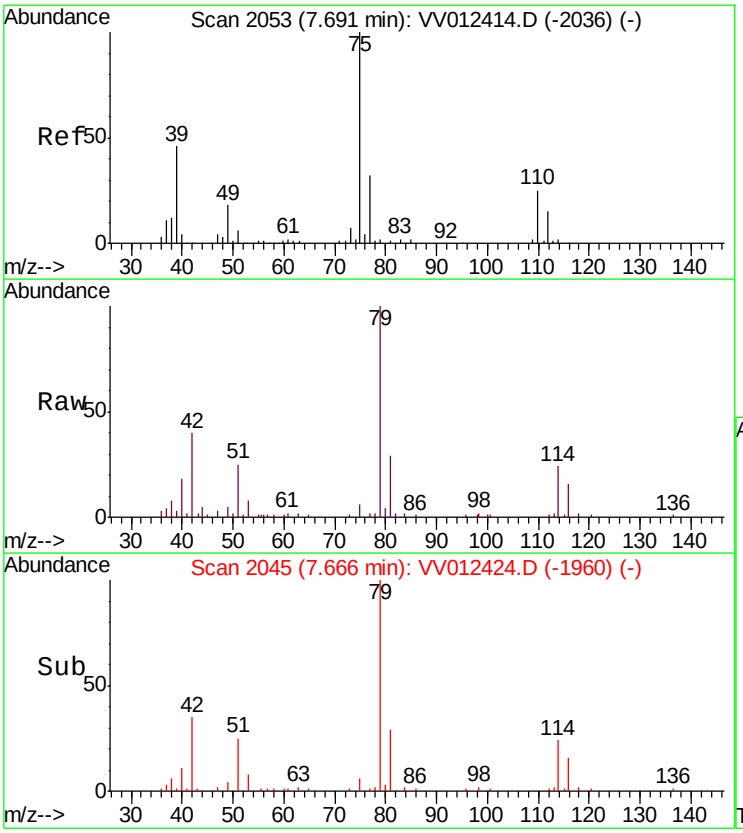
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument : MSVOA_V
ClientSampleId : GANL1

Tgt Ion: 63 Resp: 8552

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.2	6.2#

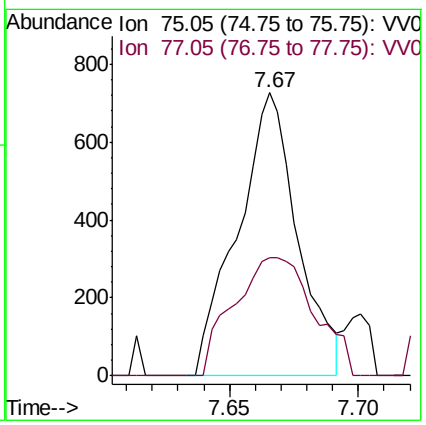


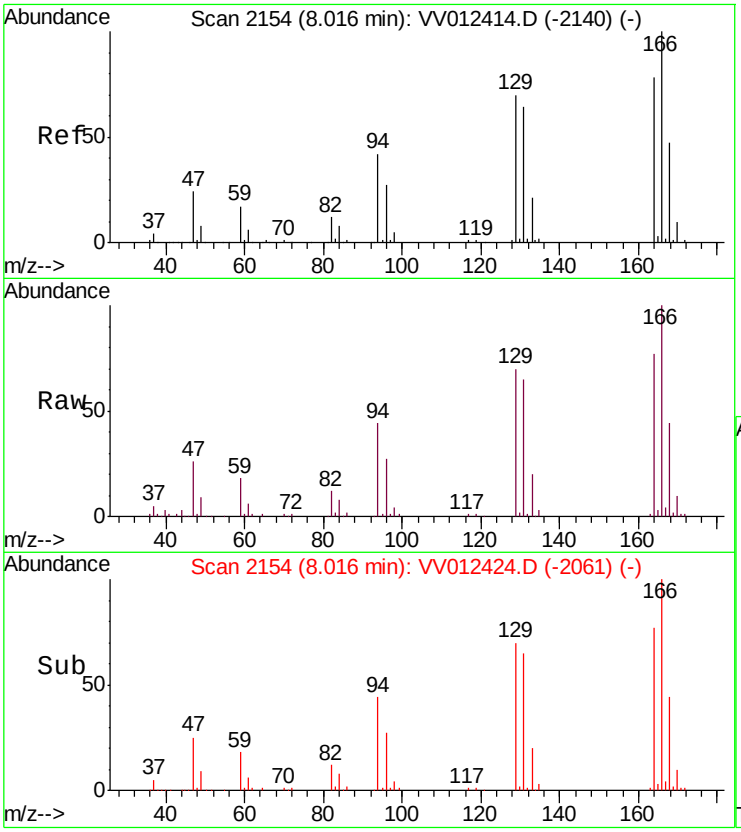


#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Tgt Ion: 75 Resp: 1180

Ion	Ratio	Lower	Upper
75	100		
77	42.0	22.6	42.0



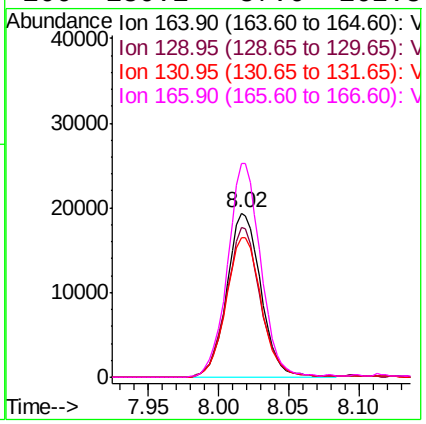


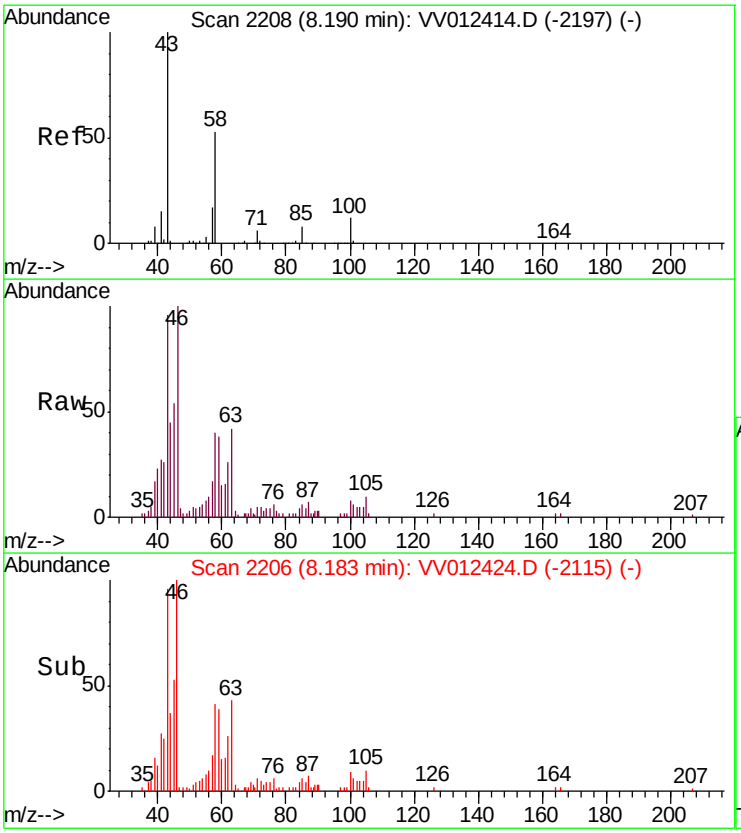
#47
Tetrachloroethene
Concen: 2.709 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument : MSVOA_V
ClientSampleId : GANL1

Tgt Ion:164 Resp: 32798

Ion	Ratio	Lower	Upper
164	100		
129	91.2	60.6	112.6
131	84.8	58.8	109.2
166	130.1	87.6	162.8

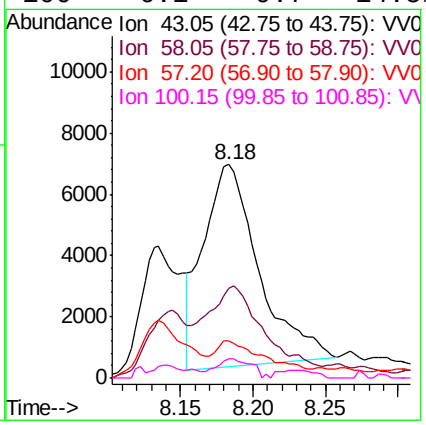


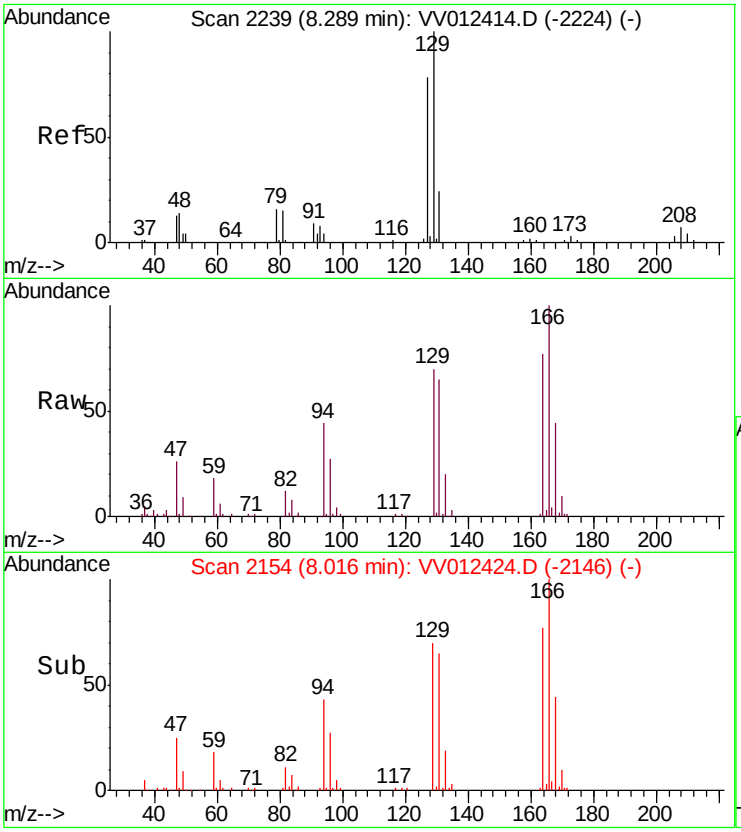


#48
2-Hexanone
Concen: 3.243 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Tgt Ion: 43 Resp: 17660

Ion	Ratio	Lower	Upper
43	100		
58	40.6	46.3	69.5#
57	12.0	14.9	22.3#
100	6.1	9.7	14.5#





#49
Dibromochloromethane
Concen: 2.533 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012424.D
Acq: 27 Aug 2019 13:38

Instrument :
MSVOA_V
ClientSampleId :
GANL1

Tgt Ion:129 Resp: 27710

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#