Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014203.D
Acq On : 27 Dec 2019 20:19
Operator : SY/MD
Sample : K6432-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6X6

Quant Time: Dec 28 01:10:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	857501	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	782874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	361641	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	215030	5.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.00%			
7) Chloroethane-d5	1.59	69	180379	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.80%			
11) 1,1-Dichloroethene-d2	2.13	63	256837	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	3.92	46	562141	56.35	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.70%			
24) Chloroform-d	4.40	84	447490	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.08	65	223765	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.10	84	933294	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.12	67	294996	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.36	98	849879	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.66	79	116212	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.20%			
46) 2-Hexanone-d5	8.13	63	490127	44.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.24%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	210580	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	278937	4.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	2962	0.078	ug/L #	1
13) Acetone	2.19	43	43220	7.024	ug/L	99
14) Carbon disulfide	2.32	76	249941	1.508	ug/L	97
15) Methyl Acetate	2.46	43	8897	0.437	ug/L #	72
17) Methyl tert-butyl Ether	2.81	73	16198	0.115	ug/L #	28
21) 2-Butanone	4.04	43	15341	1.343	ug/L	92
33) Benzene	5.15	78	40338	0.167	ug/L	100
35) Methylcyclohexane	6.12	83	69604	0.644	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	30073	0.511	ug/L #	88
42) Toluene	7.43	91	39147	0.147	ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	4348	0.058	ug/L #	66
48) 2-Hexanone	8.13	43	63089	2.493	ug/L #	73
52) Ethylbenzene	9.05	91	18089	0.061	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	15802	0.132	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	19095	0.174	ug/L	97
69) Naphthalene	13.55	128	532393	3.824	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014203.D
Acq On : 27 Dec 2019 20:19
Operator : SY/MD
Sample : K6432-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF6X6

Quant Time: Dec 28 01:10:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014203.D
Acq On : 27 Dec 2019 20:19
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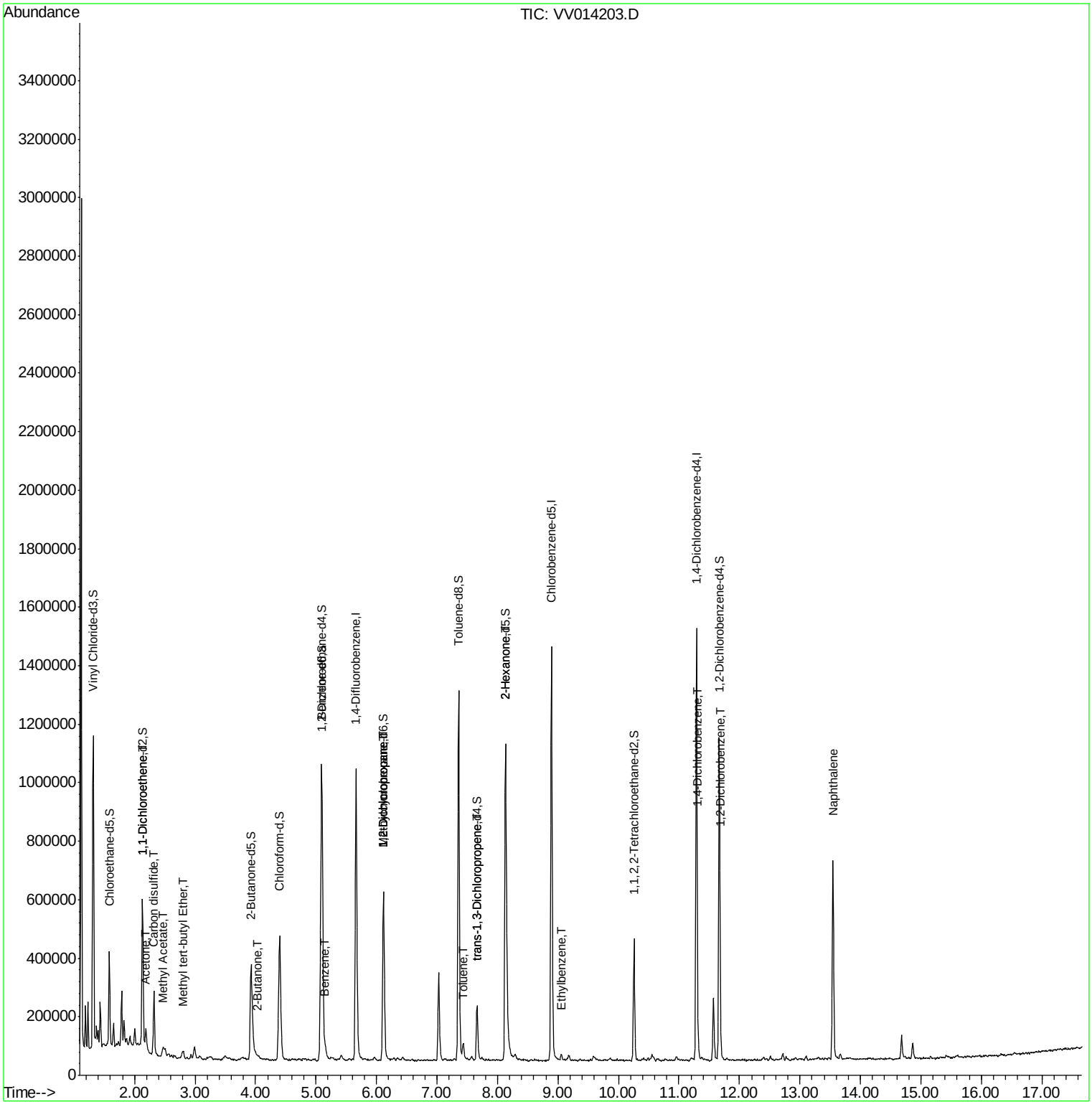
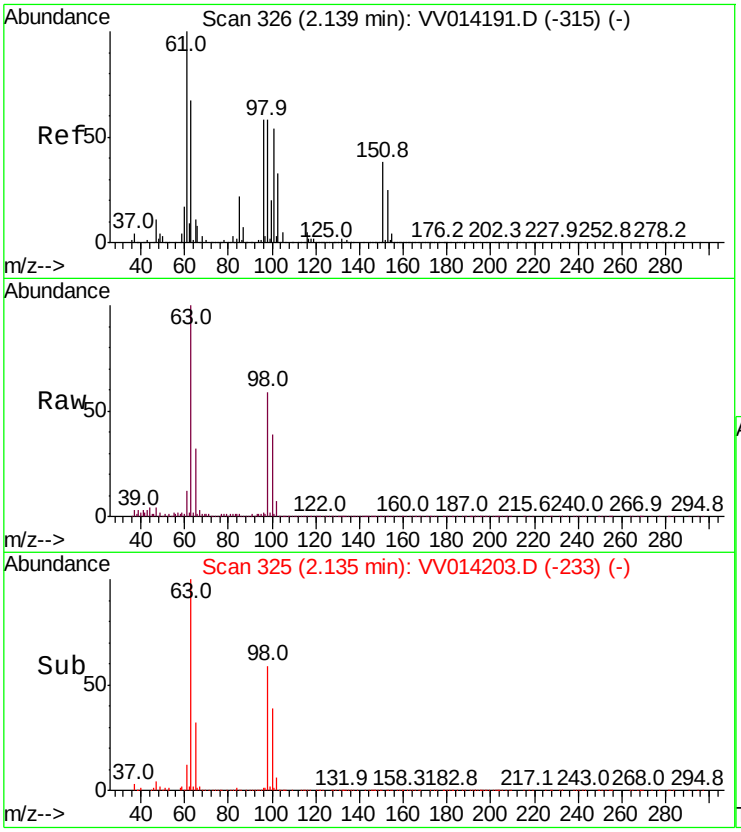
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration



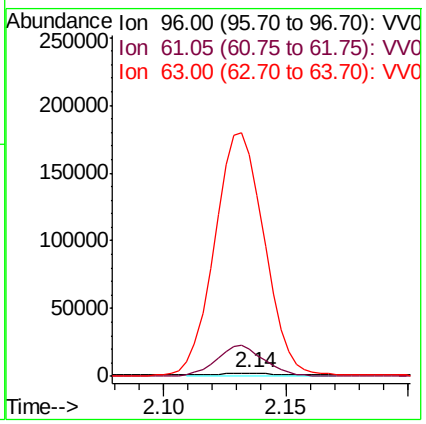


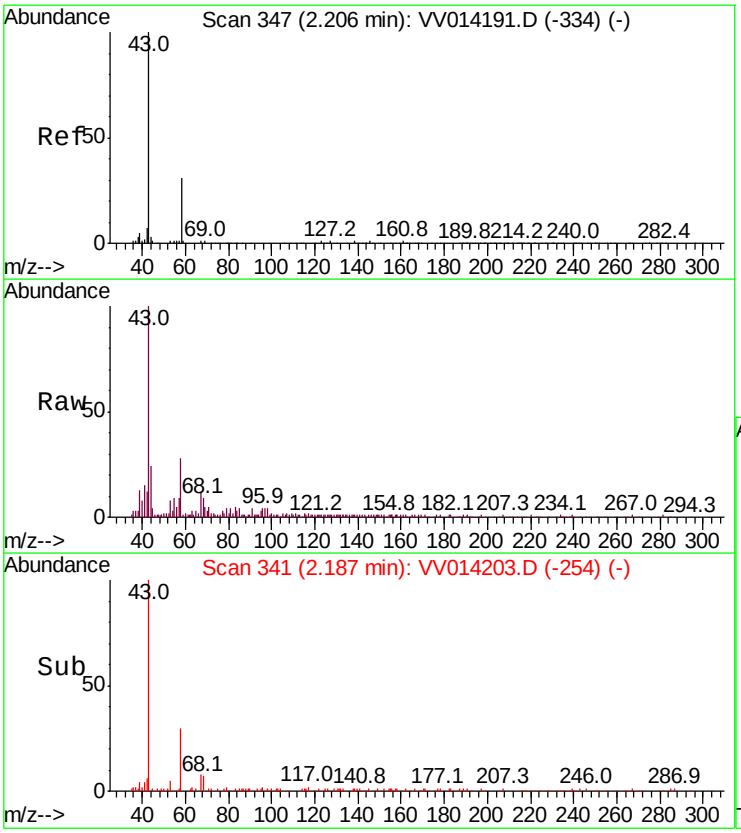
#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument :
MSVOA_V
ClientSampleId :
BF6X6

Tgt Ion: 96 Resp: 2962

Ion	Ratio	Lower	Upper
96	100		
61	777.1	121.5	225.7#
63	6397.5	90.3	167.7#

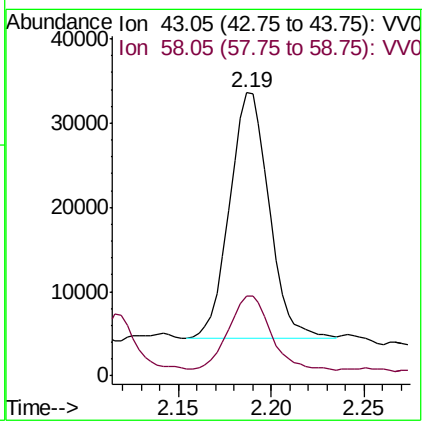


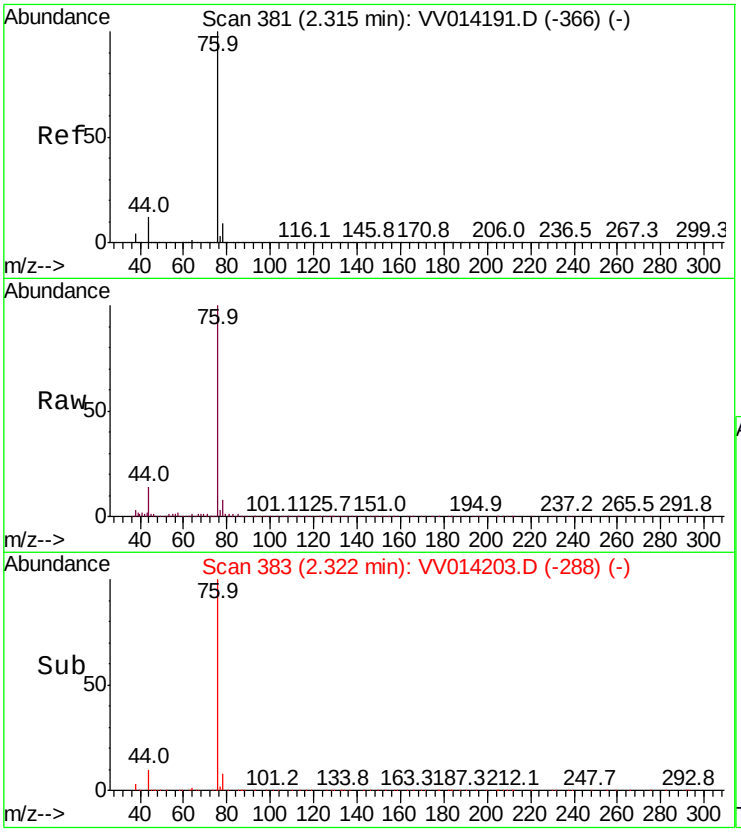


#13
Acetone
Concen: 7.024 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 43 Resp: 43220

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	66.0



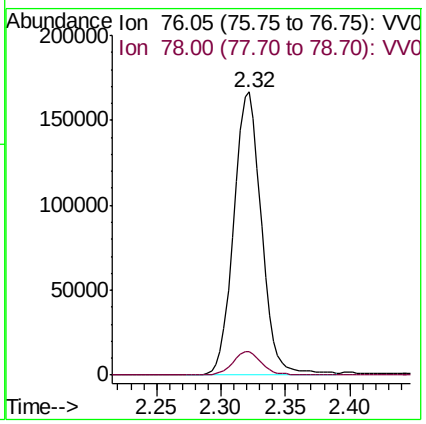


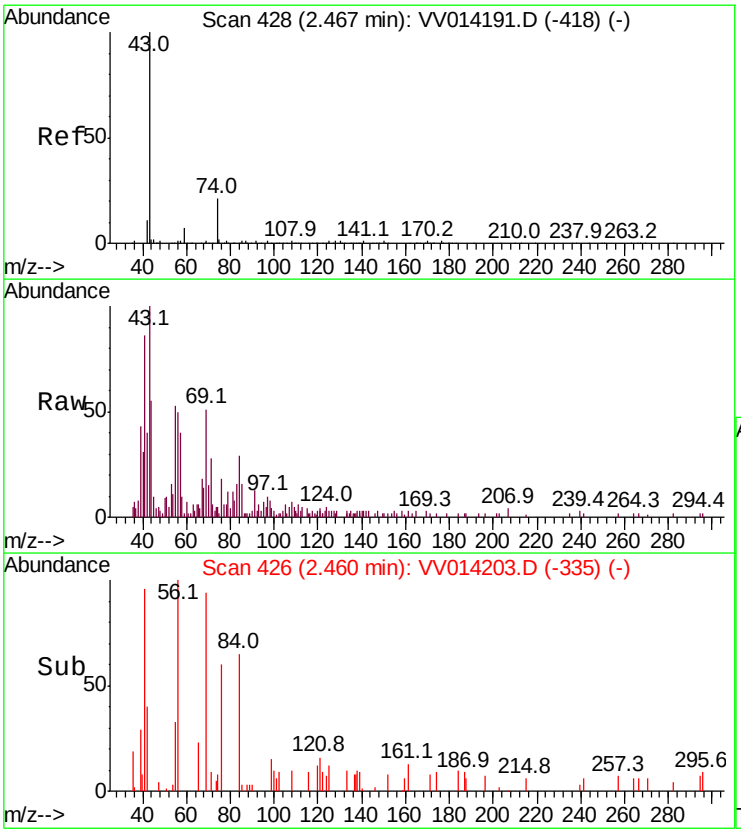
#14
Carbon disulfide
Concen: 1.508 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument : MSVOA_V
ClientSampleId : BF6X6

Tgt Ion: 76 Resp: 249941

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.5	11.3

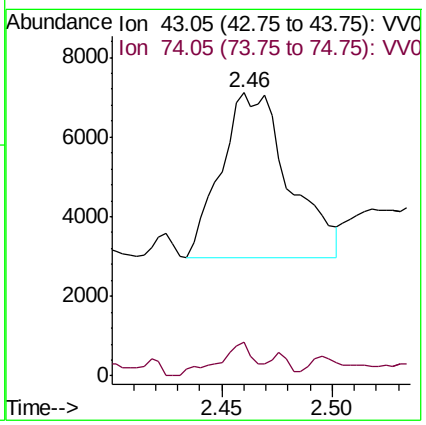


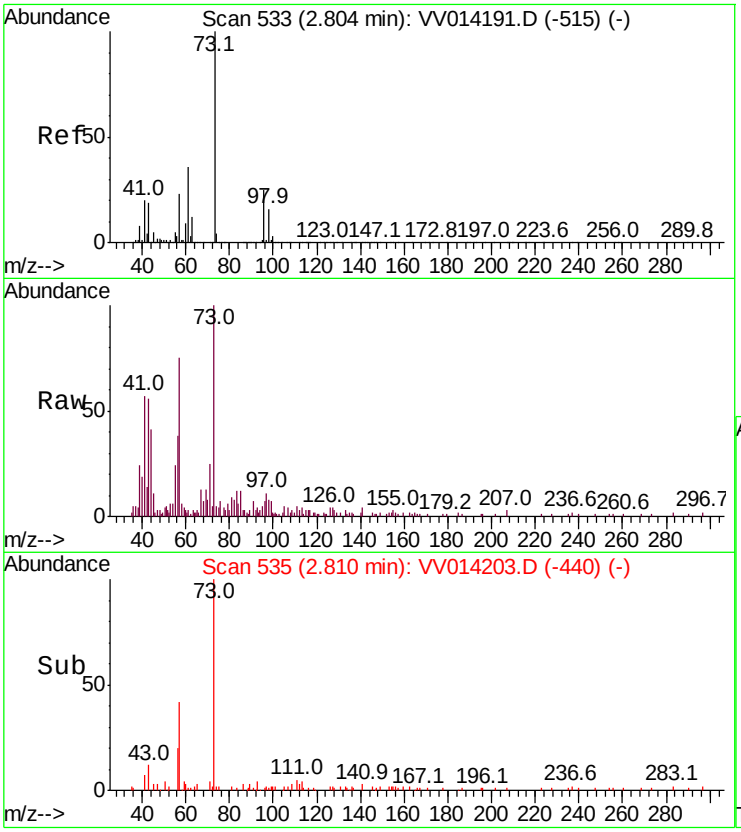


#15
Methyl Acetate
Concen: 0.437 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 43 Resp: 8897

Ion	Ratio	Lower	Upper
43	100		
74	9.8	18.6	28.0#



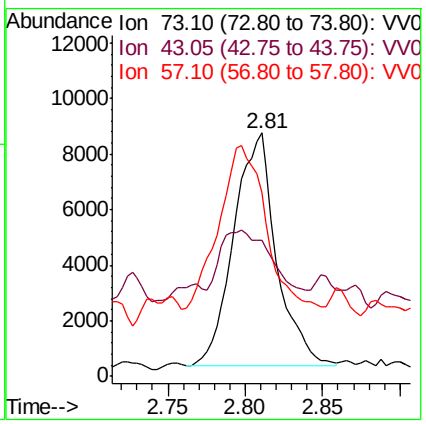


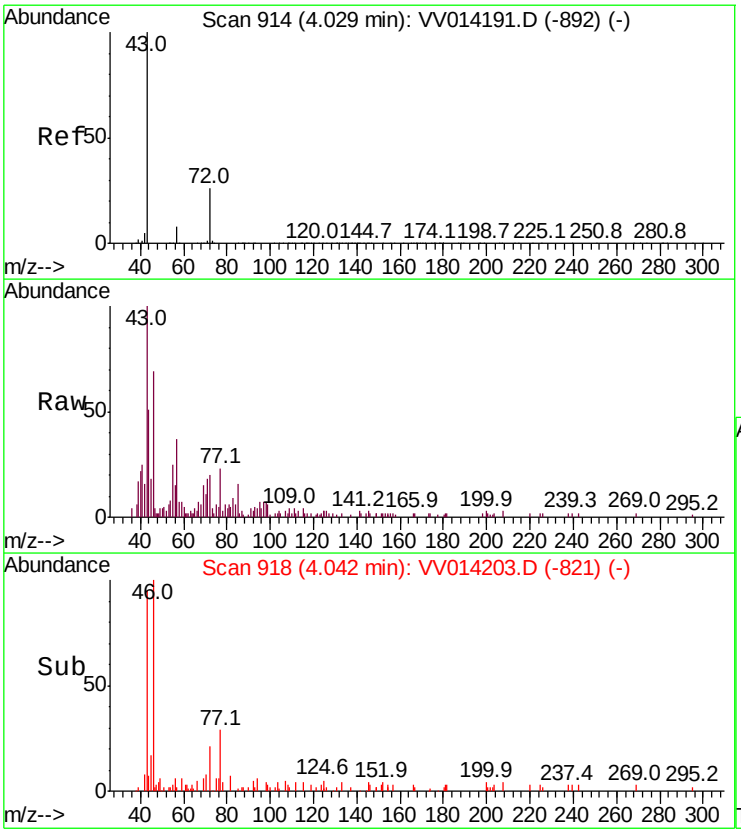
#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument : MSVOA_V
ClientSampleId : BF6X6

Tgt Ion: 73 Resp: 16198

Ion	Ratio	Lower	Upper
73	100		
43	28.3	14.7	22.1#
57	76.4	17.9	26.9#

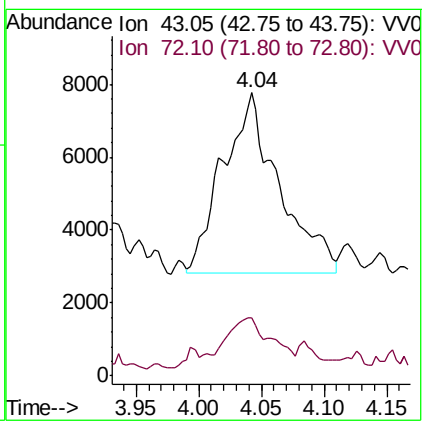


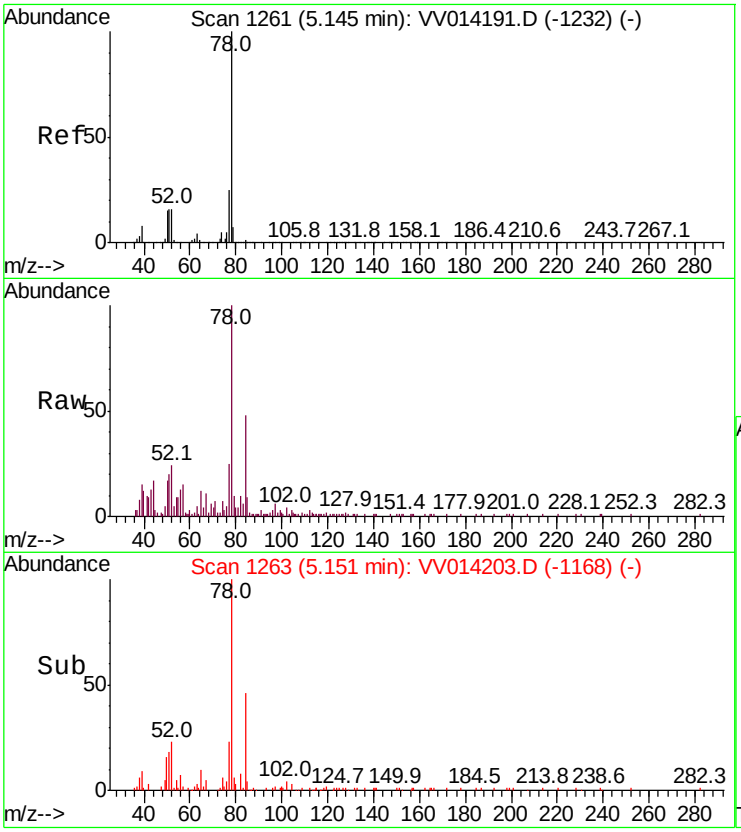


#21
2-Butanone
Concen: 1.343 ug/L
RT: 4.04 min Scan# 918
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 43 Resp: 15341

Ion	Ratio	Lower	Upper
43	100		
72	20.7	12.4	37.2

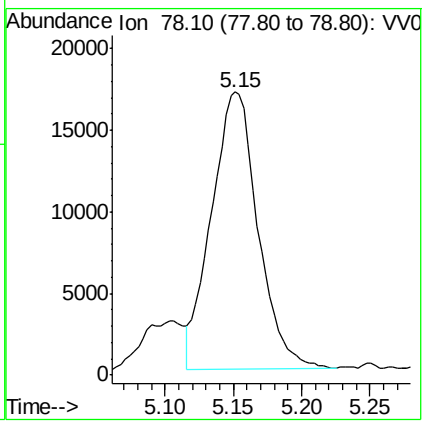


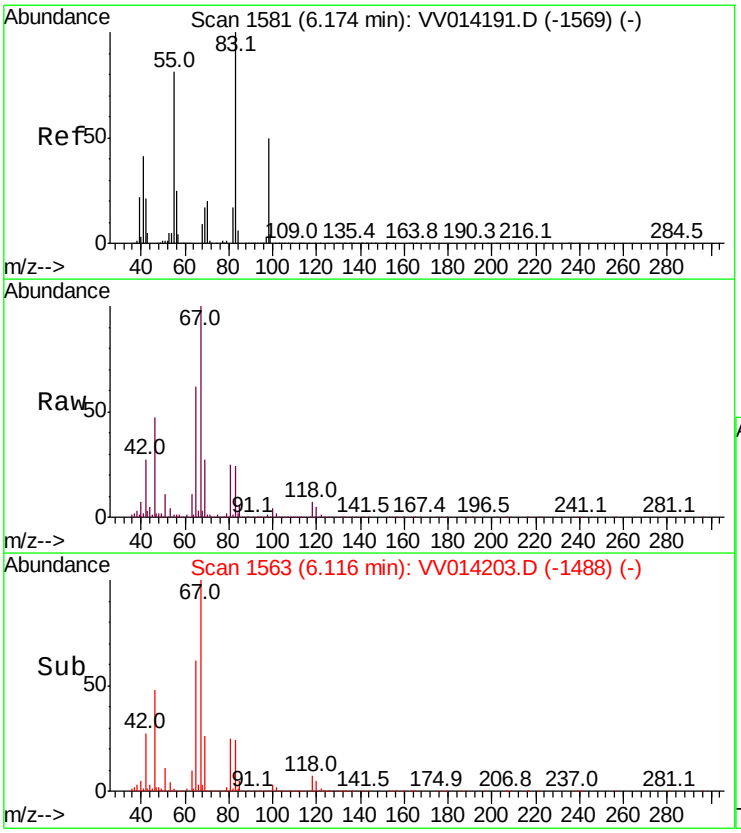


#33
Benzene
Concen: 0.167 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument :
MSVOA_V
ClientSampleId :
BF6X6

Tgt Ion: 78 Resp: 40338

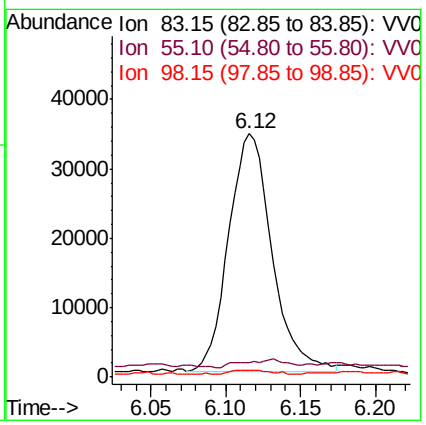


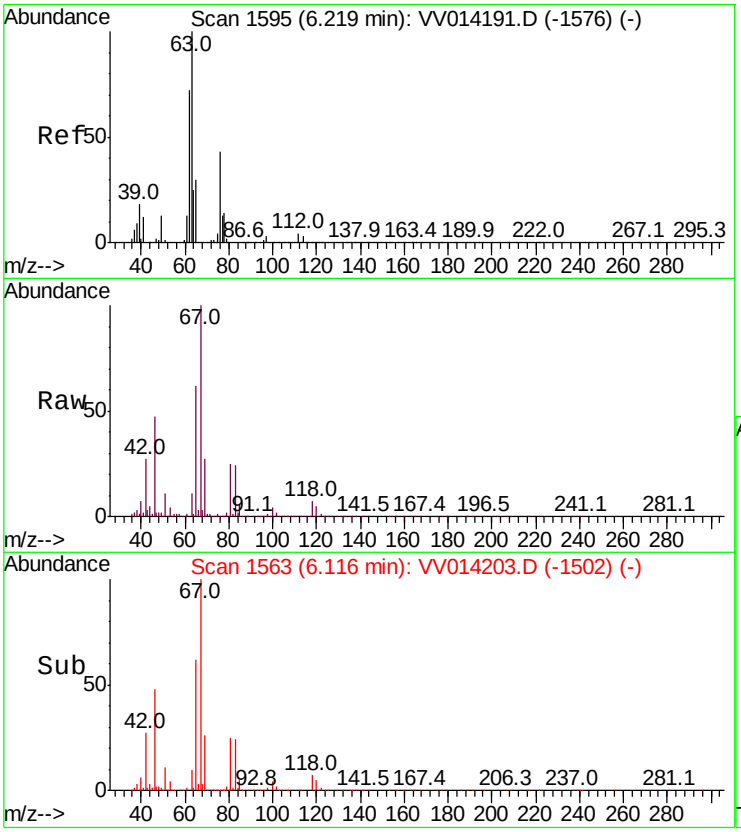


#35
Methylcyclohexane
Concen: 0.644 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 83 Resp: 69604

Ion	Ratio	Lower	Upper
83	100		
55	3.9	61.7	92.5#
98	1.5	38.1	57.1#



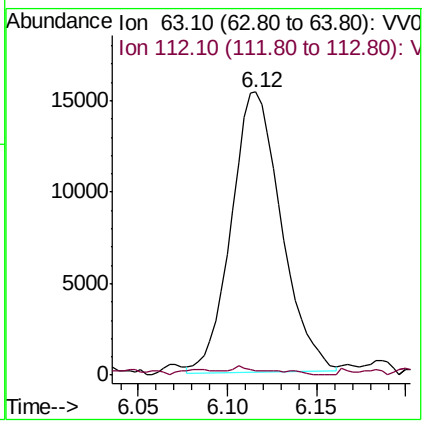


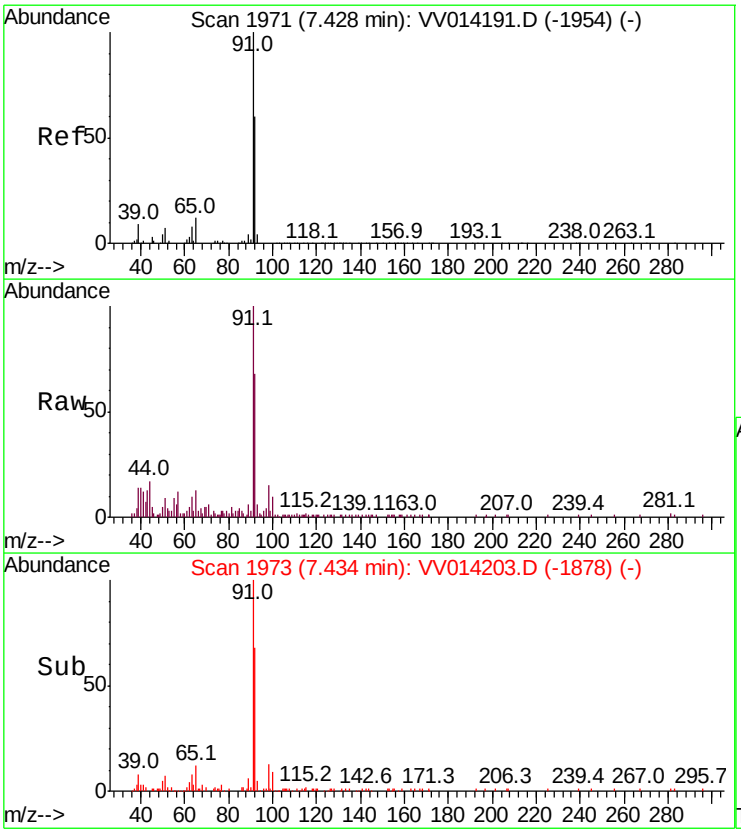
#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument :
MSVOA_V
ClientSampleId :
BF6X6

Tgt Ion: 63 Resp: 30073

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.7	5.5#

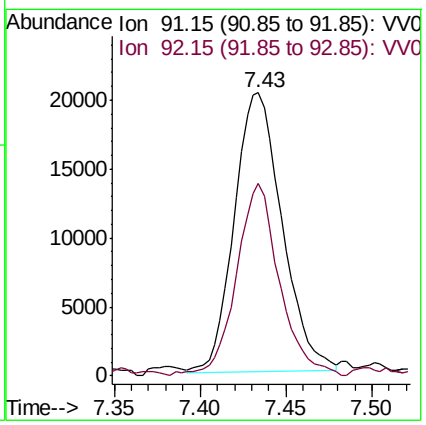


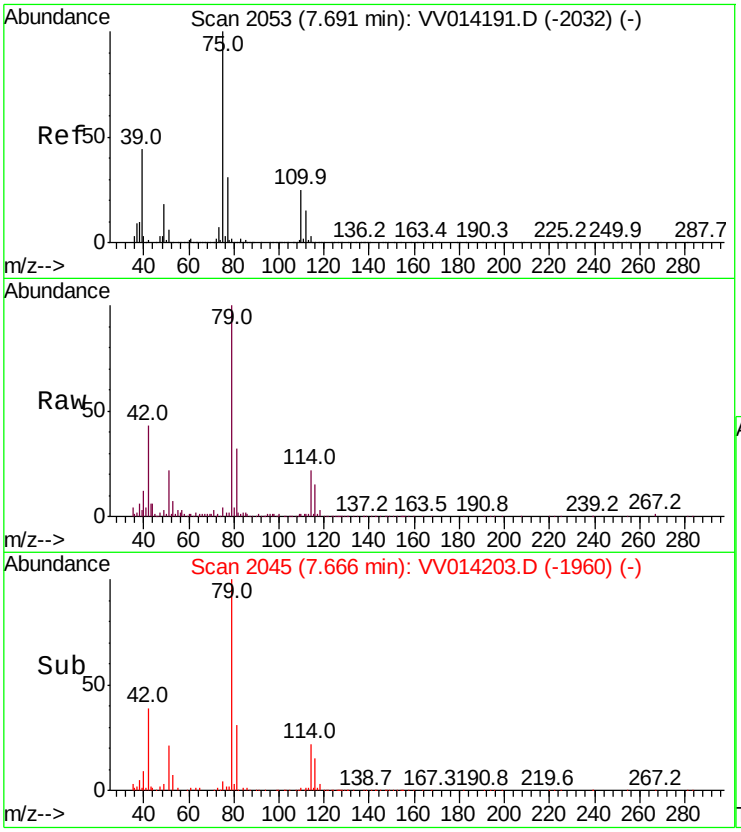


#42
Toluene
Concen: 0.147 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 91 Resp: 39147

Ion	Ratio	Lower	Upper
91	100		
92	68.0	41.2	76.6



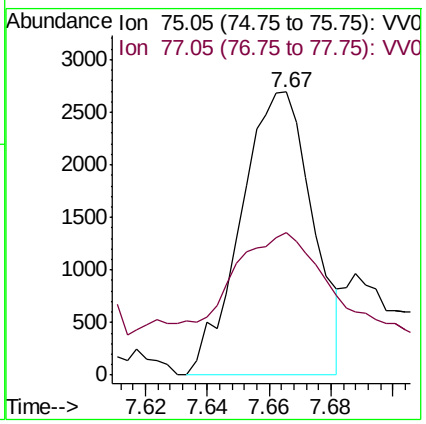


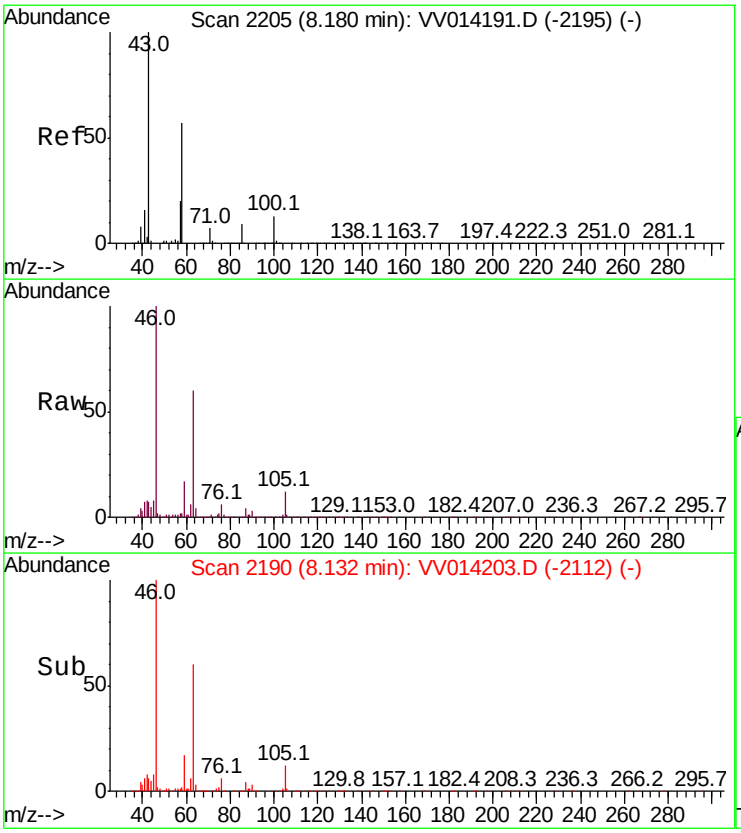
#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument : MSVOA_V
ClientSampleId : BF6X6

Tgt Ion: 75 Resp: 4348

Ion	Ratio	Lower	Upper
75	100		
77	50.4	22.0	41.0#

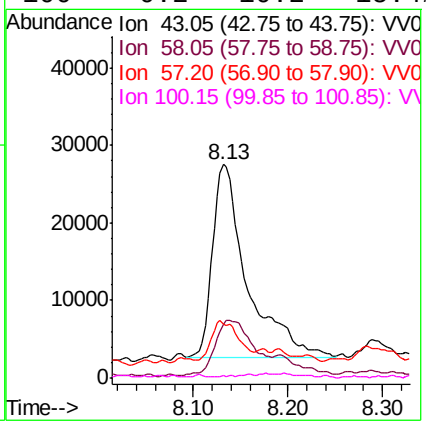


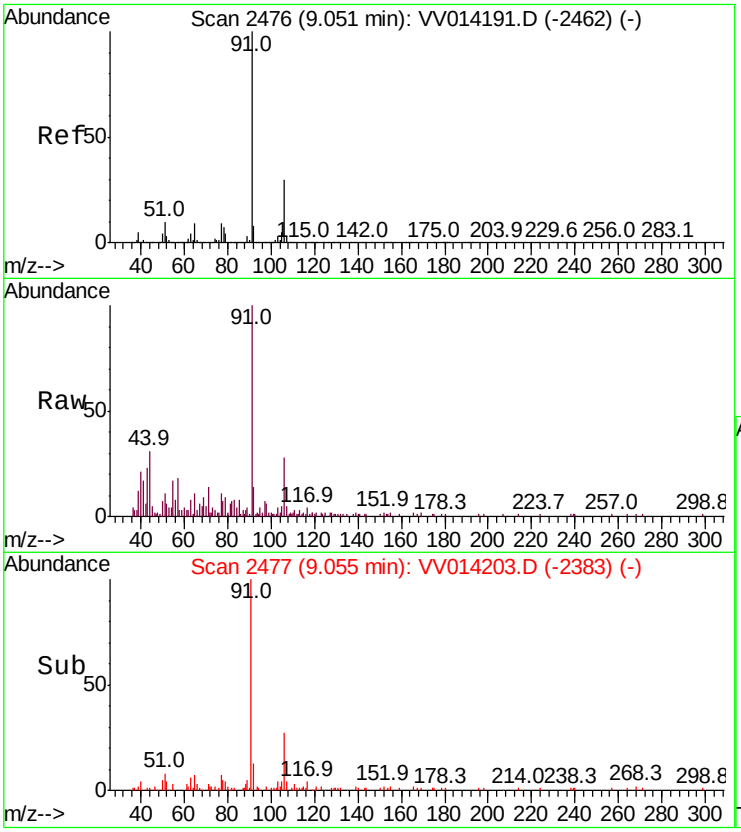


#48
2-Hexanone
Concen: 2.493 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion: 43 Resp: 63089

Ion	Ratio	Lower	Upper
43	100		
58	31.9	45.4	68.0#
57	17.2	15.8	23.8
100	0.2	10.2	15.4#



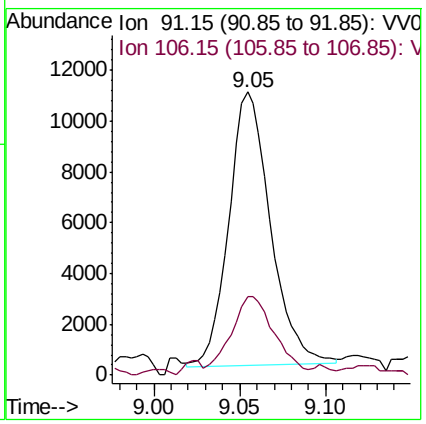


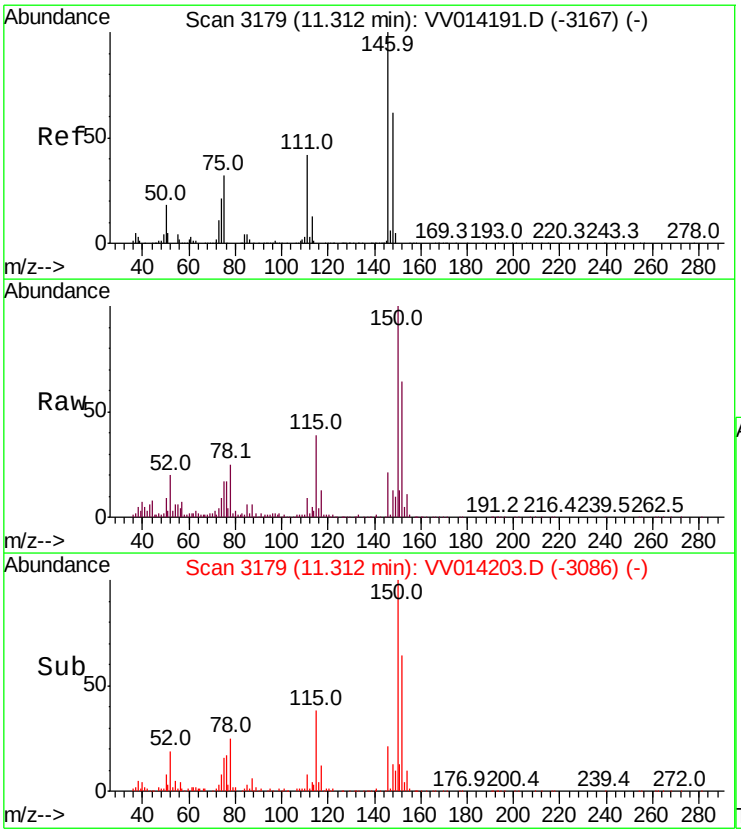
#52
Ethylbenzene
Concen: 0.061 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument : MSVOA_V
ClientSampleId : BF6X6

Tgt Ion: 91 Resp: 18089

Ion	Ratio	Lower	Upper
91	100		
106	27.8	21.6	40.0

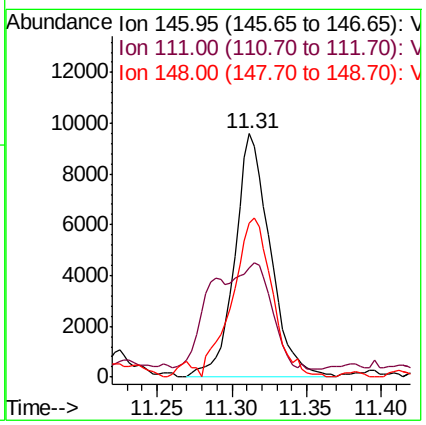


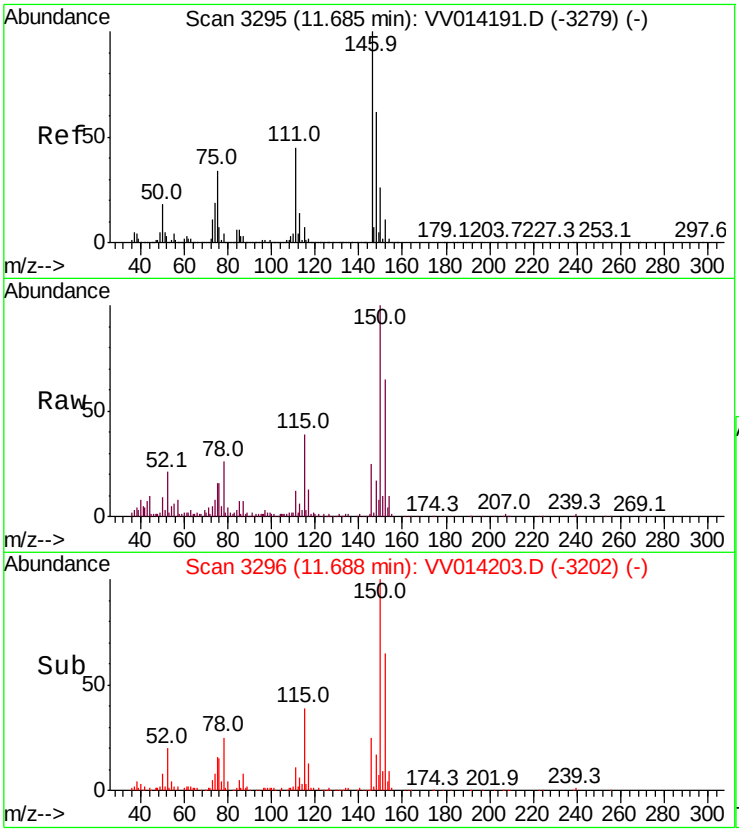


#63
1,4-Dichlorobenzene
Concen: 0.132 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion:146 Resp: 15802

Ion	Ratio	Lower	Upper
146	100		
111	44.8	28.8	53.4
148	63.3	44.5	82.7



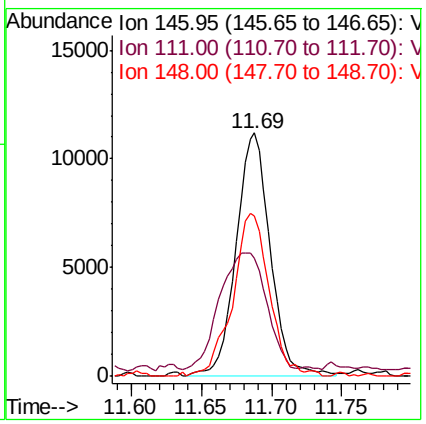


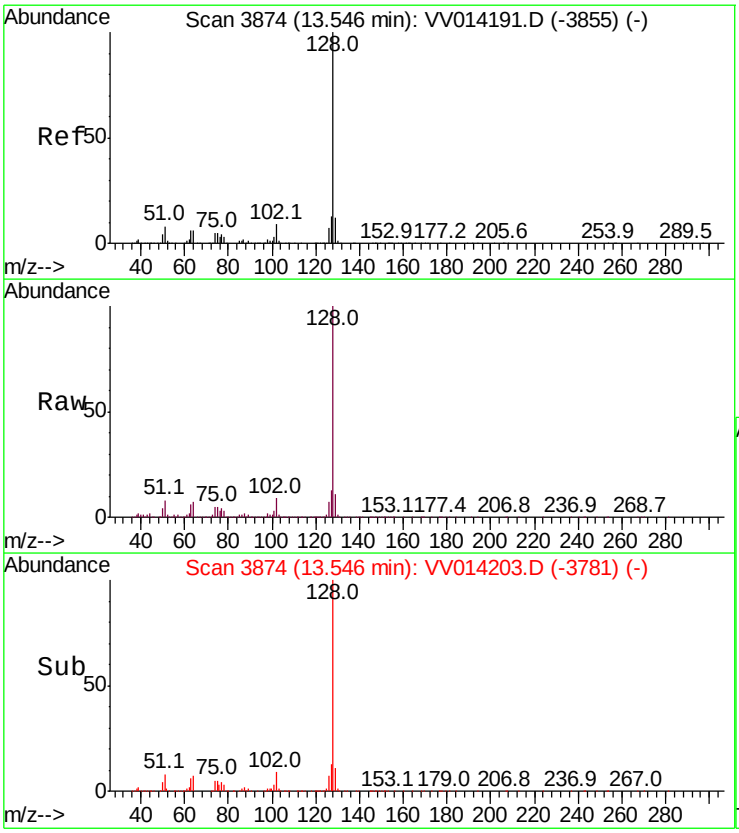
#65
1,2-Dichlorobenzene
Concen: 0.174 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Instrument : MSVOA_V
ClientSampleId : BF6X6

Tgt Ion:146 Resp: 19095

Ion	Ratio	Lower	Upper
146	100		
111	48.5	36.4	54.6
148	65.8	51.3	76.9





#69
Naphthalene
Concen: 3.824 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. -0.00 min
Lab File: VV014203.D
Acq: 27 Dec 2019 20:19

Tgt Ion:128 Resp: 532393

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.4	10.2	15.2