Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120919\
Data File : VL034478.D
Acq On : 10 Dec 2019 00:07
Operator : SY/AP
Sample : K6195-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-2

Quant Time: Dec 10 03:42:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	826235	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	1605101	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.14	117	1574398	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.47	95	1367021	10.32	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	79430	0.531	ppbv		88
3) Chlorodifluoromethane	2.96	51	35031	0.340	ppbv	#	90
4) Chloromethane	3.11	50	25233	0.415	ppbv		90
9) Propene	2.84	41	1537	0.034	ppbv		97
11) Trichlorofluoromethane	3.94	101	34716	0.233	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	3793	0.038	ppbv	#	47
13) Ethanol	3.59	45	9822	0.770	ppbv	#	40
15) Acetone	3.84	43	193551	1.636	ppbv		98
16) 1,3-Butadiene	3.28	39	2566	0.050	ppbv	#	32
20) Methylene Chloride	4.34	84	48456	1.155	ppbv	#	83
25) Ethyl Acetate	5.69	43	20764	0.098	ppbv	#	78
26) Hexane	5.69	57	42264	0.466	ppbv	#	36
34) 2-Butanone	5.25	43	4300	0.033	ppbv	#	55
35) Carbon Tetrachloride	7.03	117	6516	0.047	ppbv	#	57
36) Benzene	6.91	78	8123	0.051	ppbv		94
39) 1,2-Dichloropropane	7.20	63	483321	7.819	ppbv	#	23

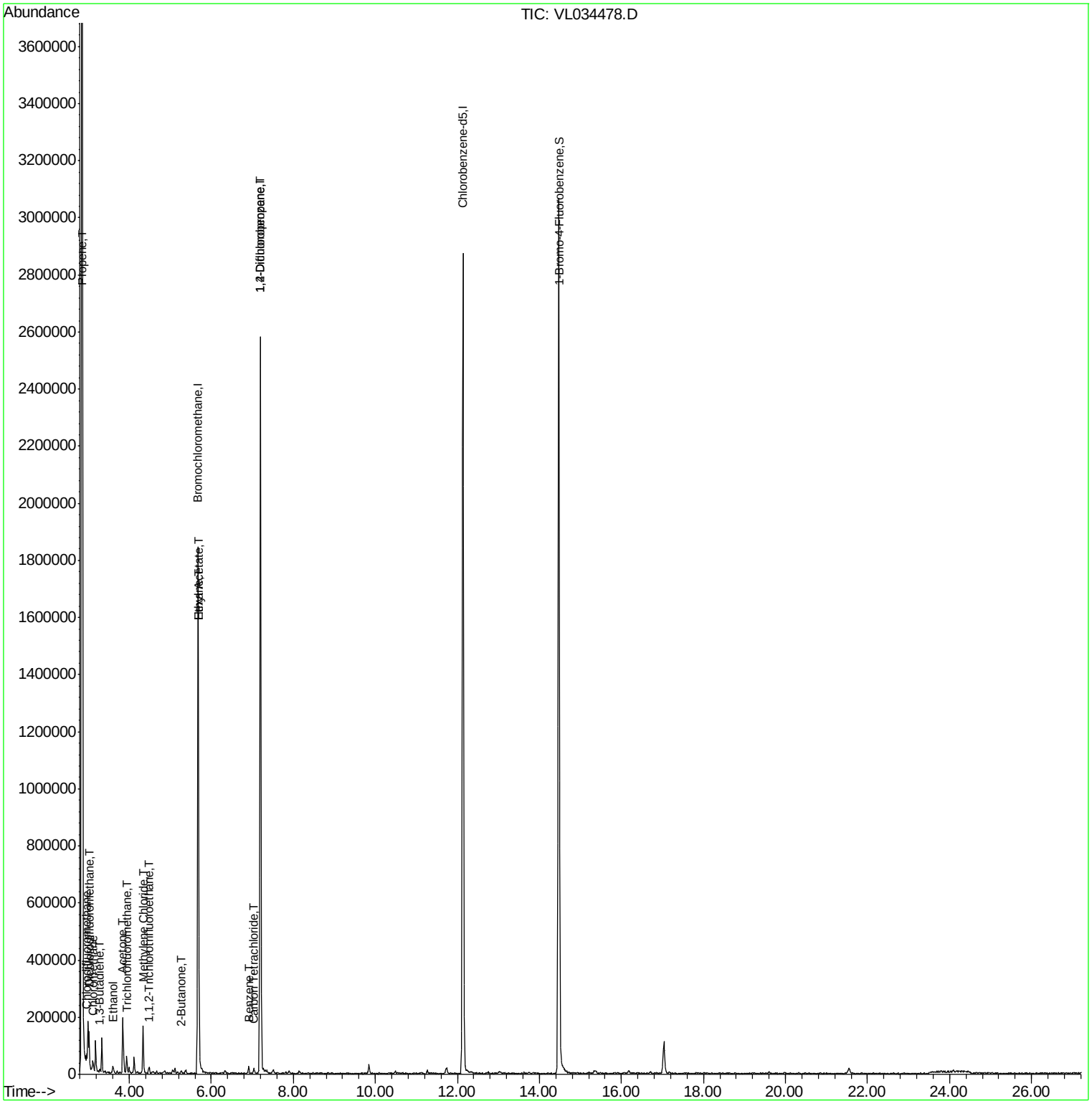
(#) = qualifier out of range (m) = manual integration (+) = signals summed

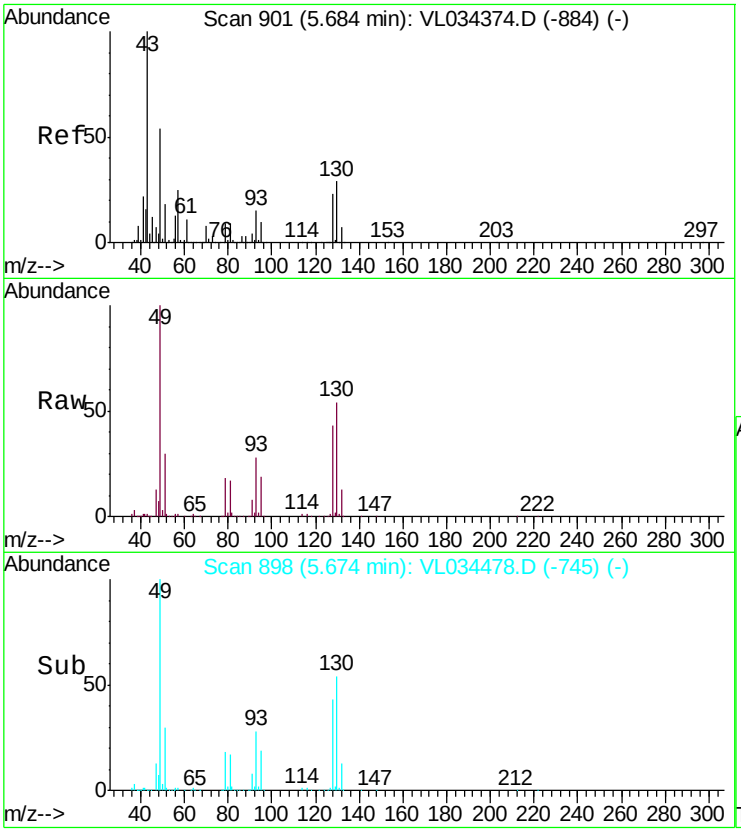
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120919\
Data File : VL034478.D
Acq On : 10 Dec 2019 00:07
Operator : SY/AP
Sample : K6195-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-2

Quant Time: Dec 10 03:42:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration



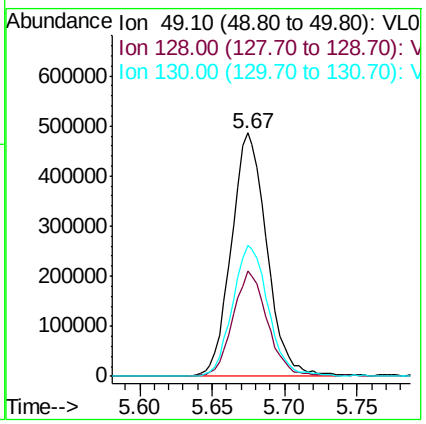


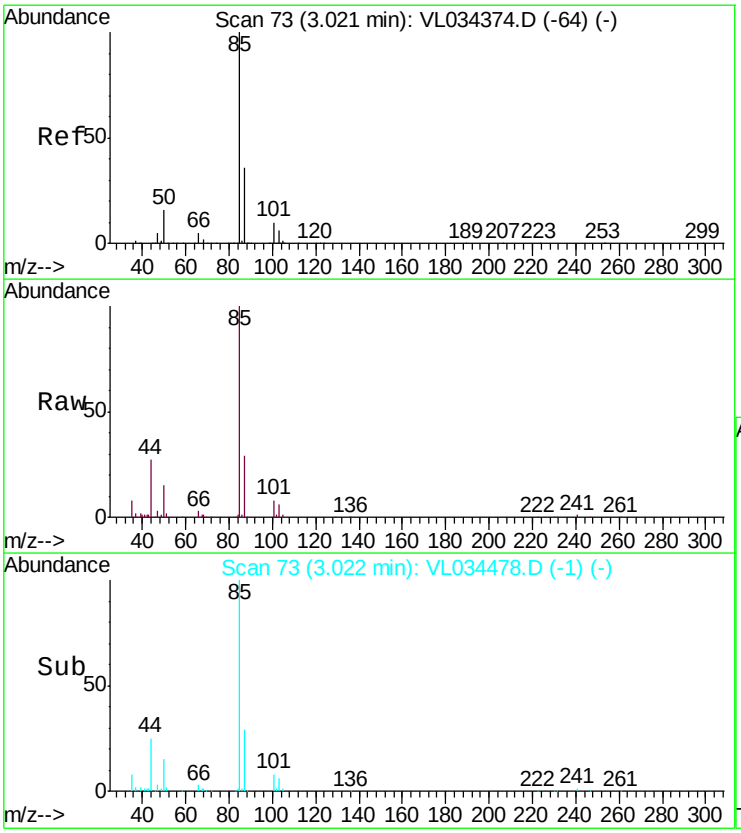
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument :
MSVOA_L
ClientSampleId :
A-2

Tgt Ion: 49 Resp: 826235

Ion	Ratio	Lower	Upper
49	100		
128	42.5	21.8	65.3
130	54.7	28.0	84.0

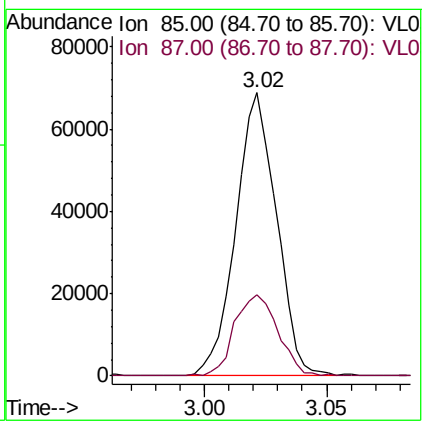


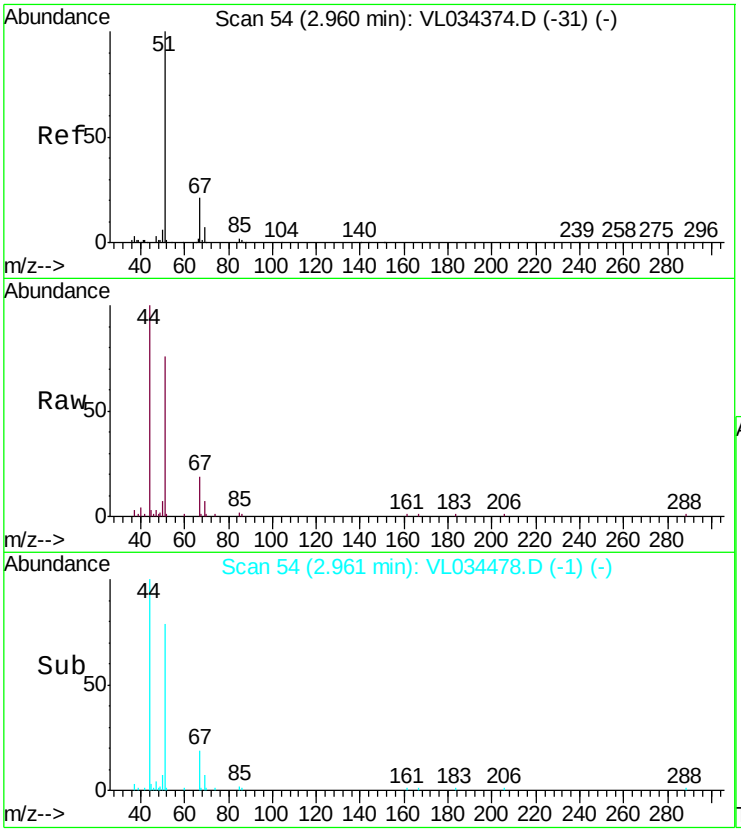


#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion: 85 Resp: 79430

Ion	Ratio	Lower	Upper
85	100		
87	28.8	28.5	42.7



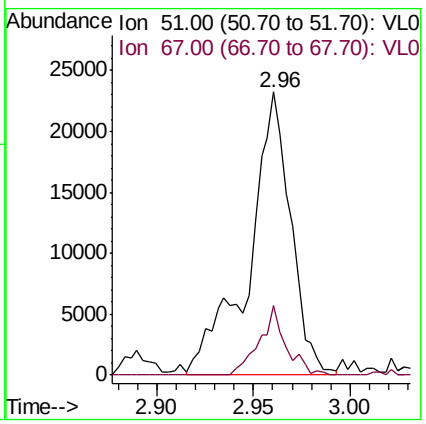


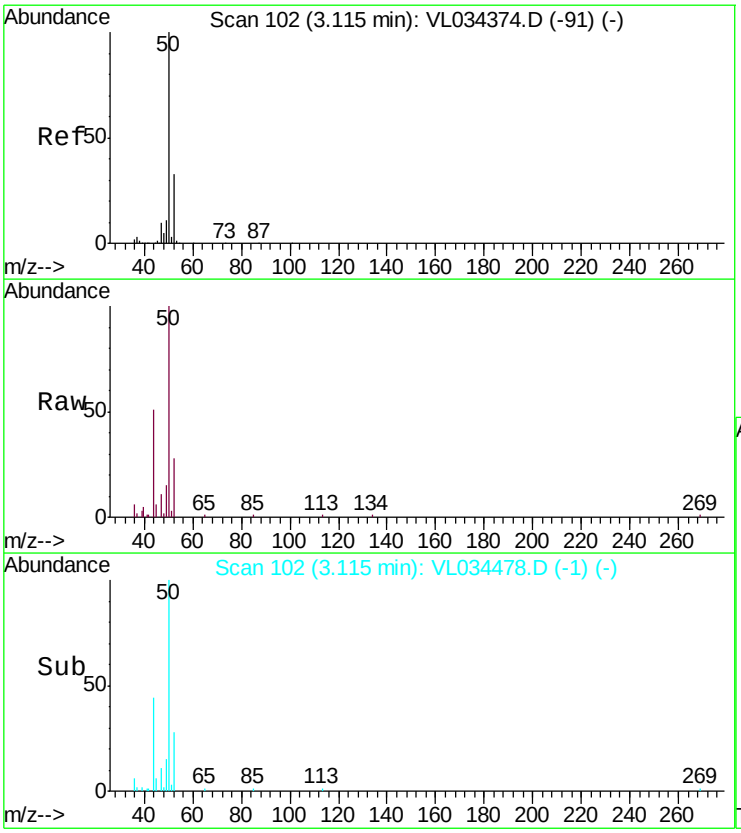
#3
Chlorodifluoromethane
Concen: 0.340 ppbv
RT: 2.96 min Scan# 54
Delta R.T. 0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion: 51 Resp: 35031

Ion	Ratio	Lower	Upper
51	100		
67	15.5	16.2	24.2#

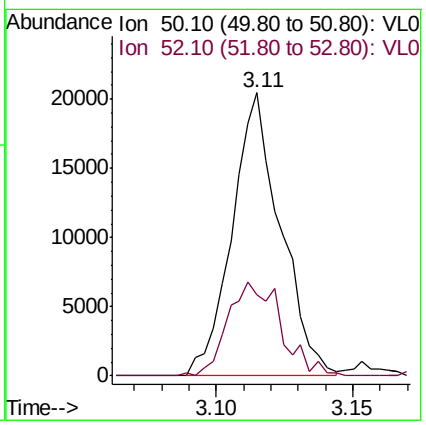


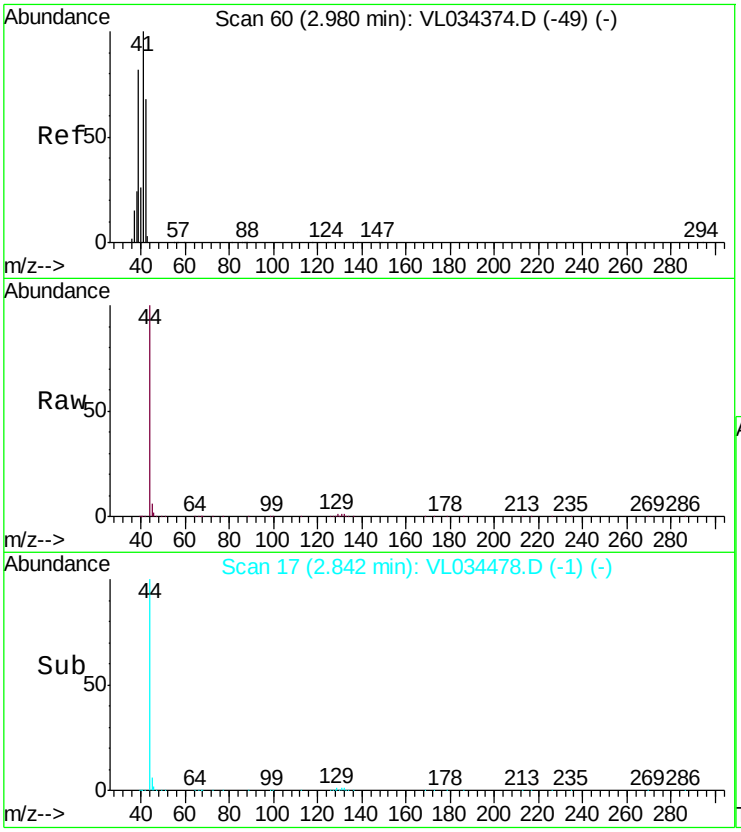


#4
Chloromethane
Concen: 0.415 ppbv
RT: 3.11 min Scan# 102
Delta R.T. 0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion: 50 Resp: 25233

Ion	Ratio	Lower	Upper
50	100		
52	27.9	26.8	40.2



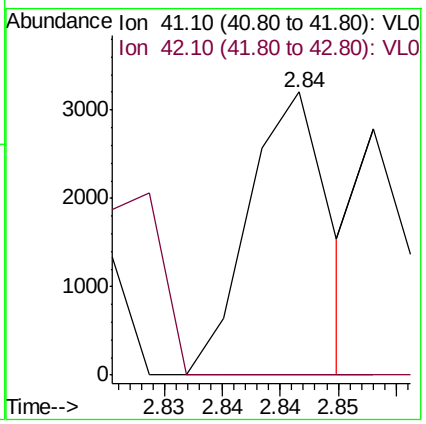


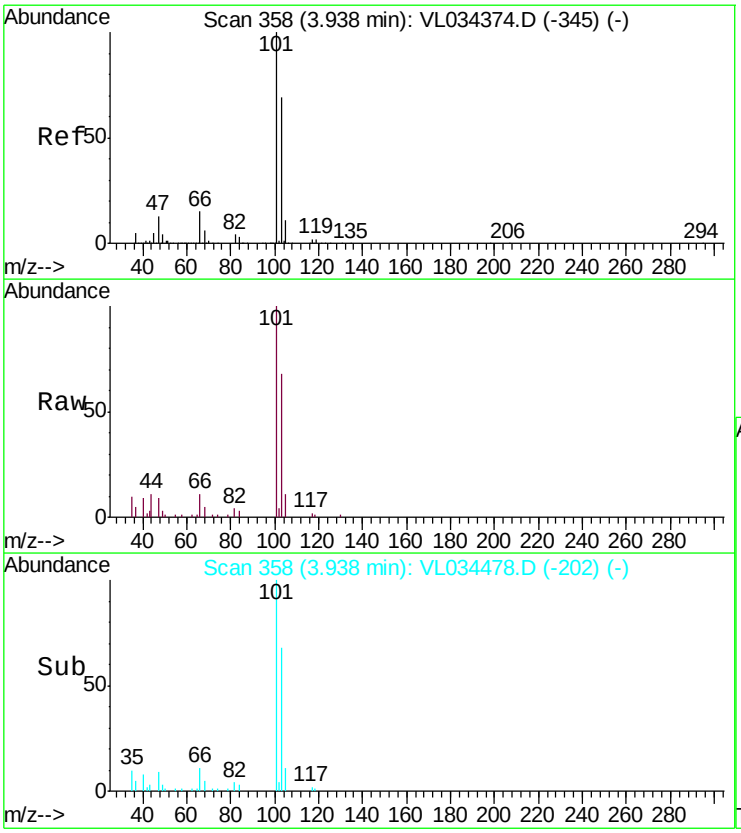
#9
Propene
Concen: 0.034 ppbv
RT: 2.84 min Scan# 17
Delta R.T. -0.14 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion: 41 Resp: 1537

Ion	Ratio	Lower	Upper
41	100		
42	66.0	54.6	82.0

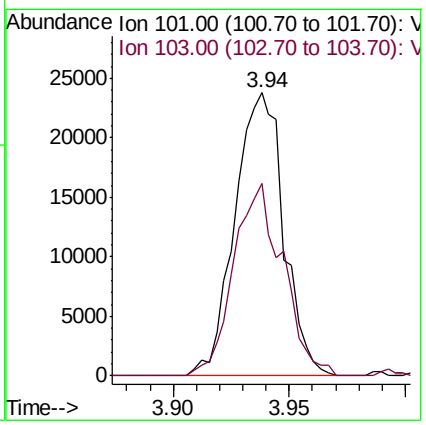


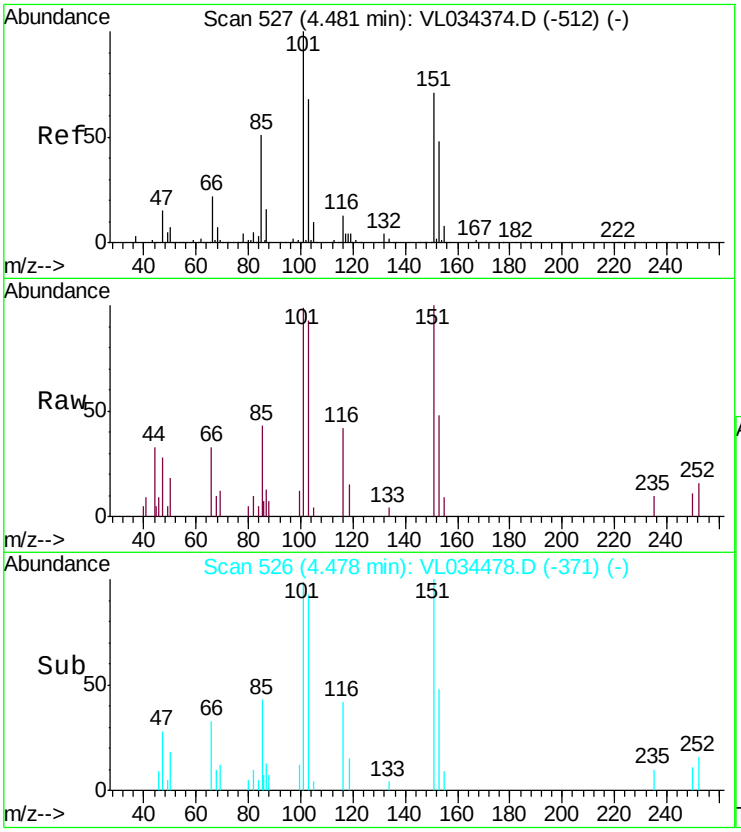


#11
Trichlorofluoromethane
Concen: 0.233 ppbv
RT: 3.94 min Scan# 358
Delta R.T. 0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion:101 Resp: 34716

Ion	Ratio	Lower	Upper
101	100		
103	68.1	55.4	83.0



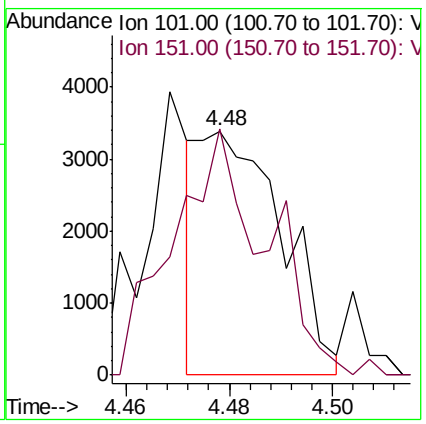


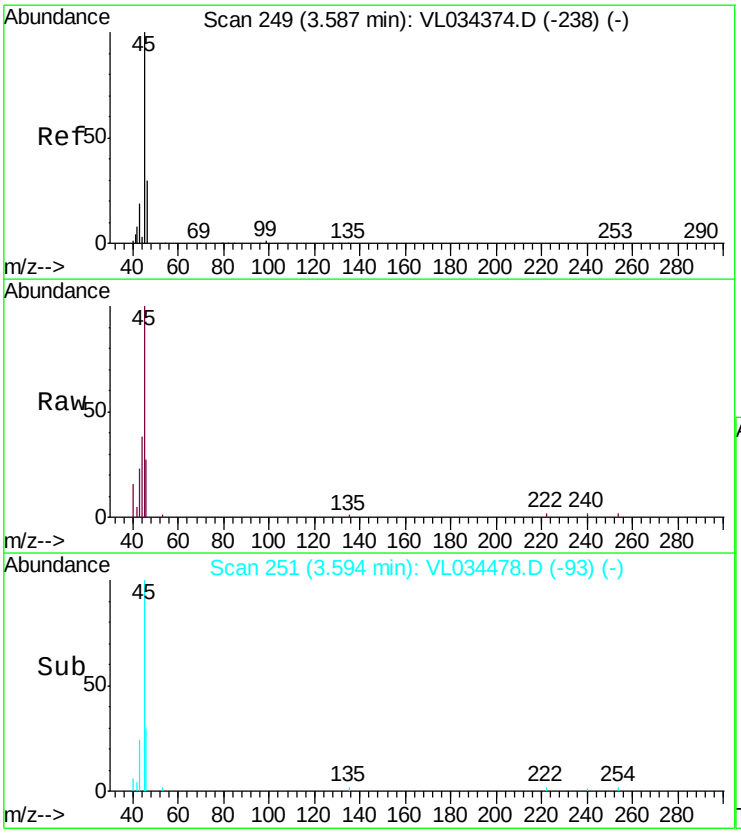
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.038 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion:101 Resp: 3793

Ion	Ratio	Lower	Upper
101	100		
151	116.1	57.4	86.2#

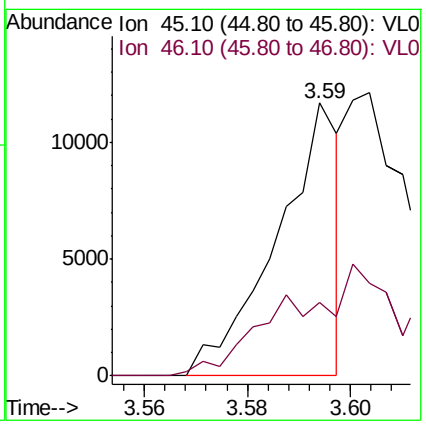


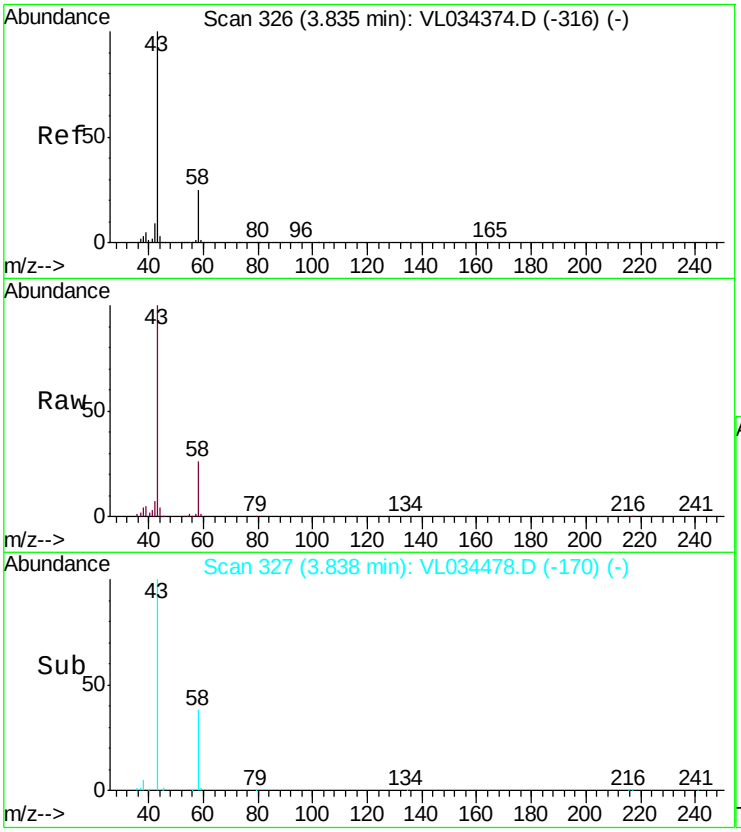


#13
Ethanol
Concen: 0.770 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.01 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion: 45 Resp: 9822

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#



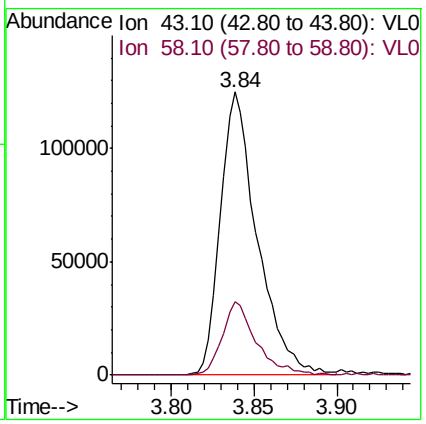


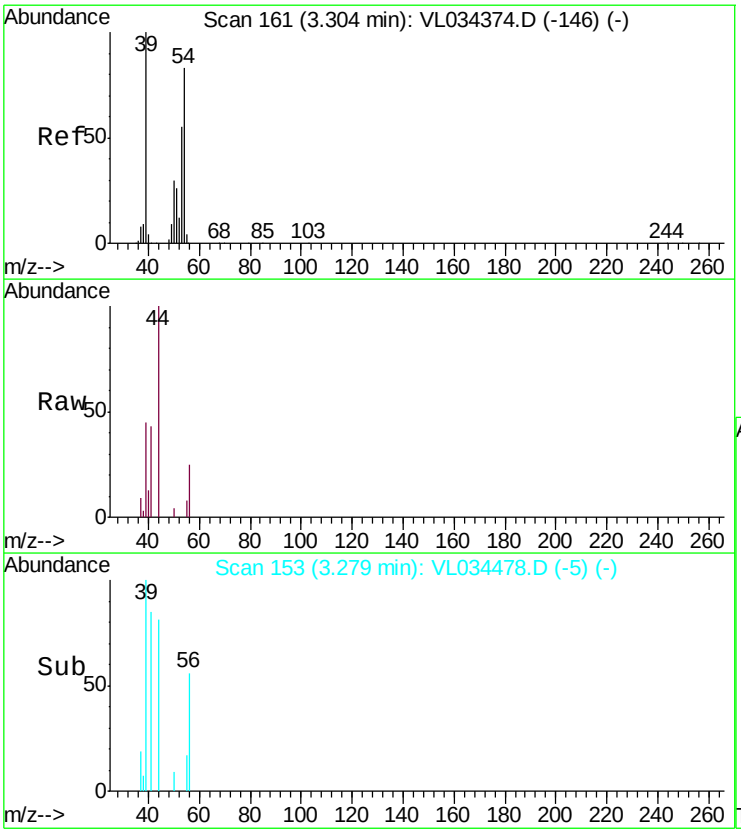
#15
Acetone
Concen: 1.636 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument :
MSVOA_L
ClientSampleId :
A-2

Tgt Ion: 43 Resp: 193551

Ion	Ratio	Lower	Upper
43	100		
58	24.1	20.2	30.4

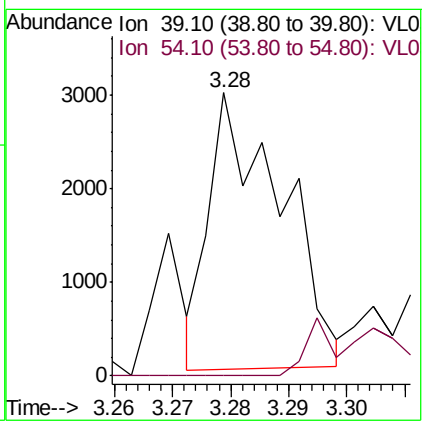


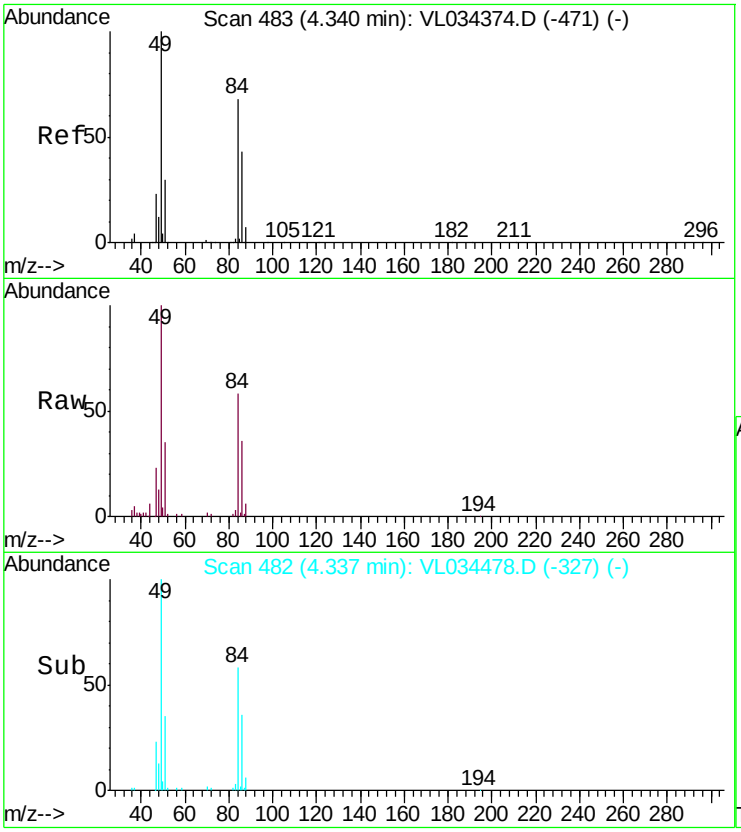


#16
1,3-Butadiene
Concen: 0.050 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.03 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion: 39 Resp: 2566

Ion	Ratio	Lower	Upper
39	100		
54	20.5	64.7	97.1#



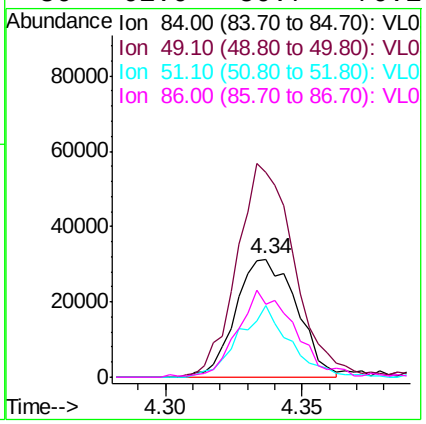


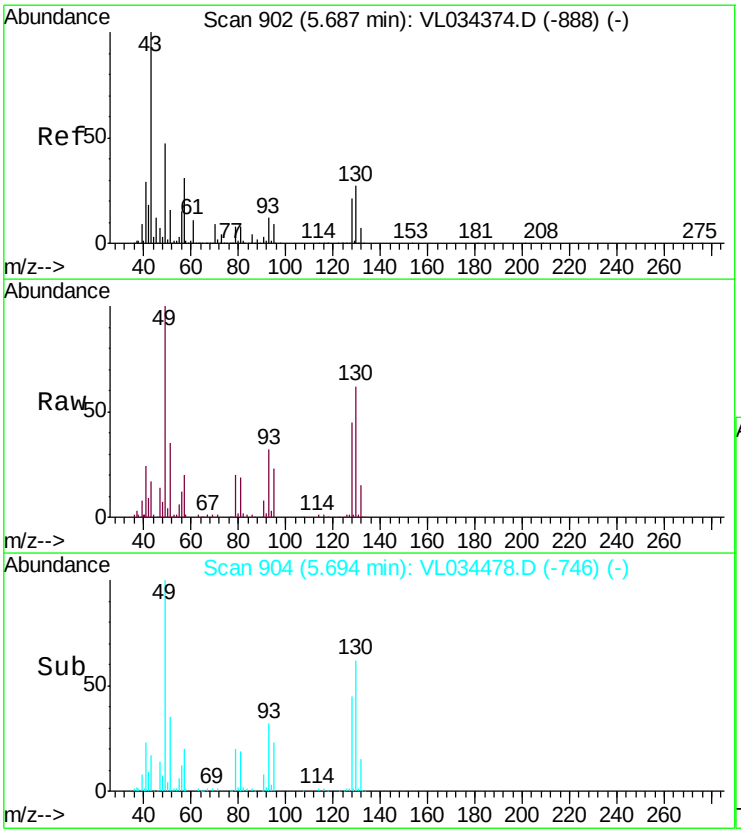
#20
Methylene Chloride
Concen: 1.155 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion: 84 Resp: 48456

Ion	Ratio	Lower	Upper
84	100		
49	171.9	116.8	175.2
51	60.3	35.6	53.4#
86	61.0	50.7	76.1

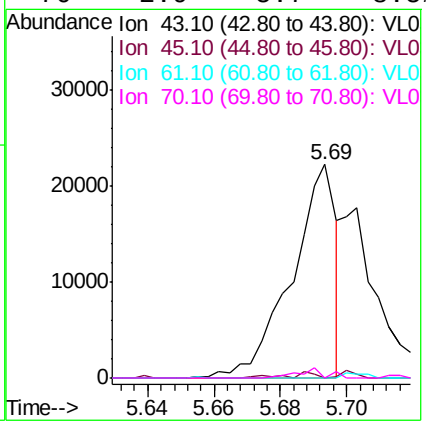


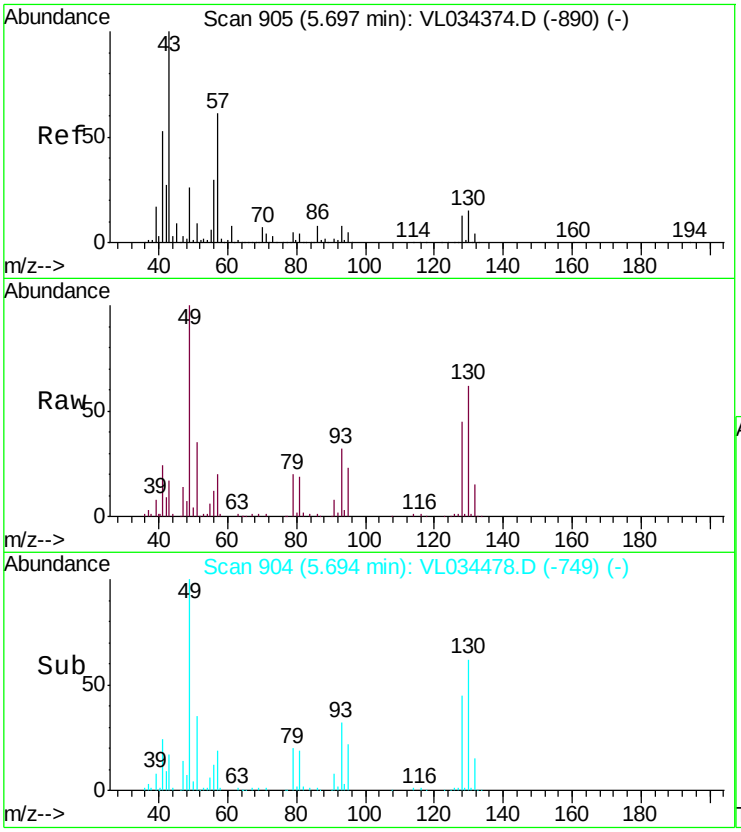


#25
Ethyl Acetate
Concen: 0.098 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion: 43 Resp: 20764

Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.2	12.4#
61	0.0	7.5	11.3#
70	2.9	5.7	8.5#



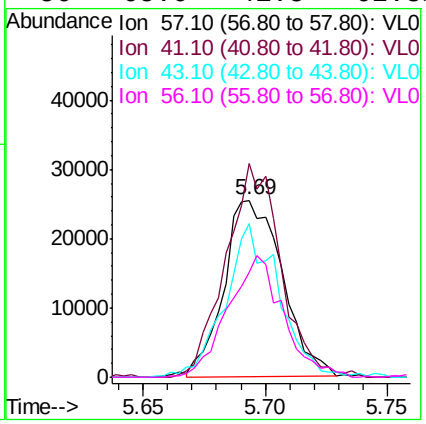


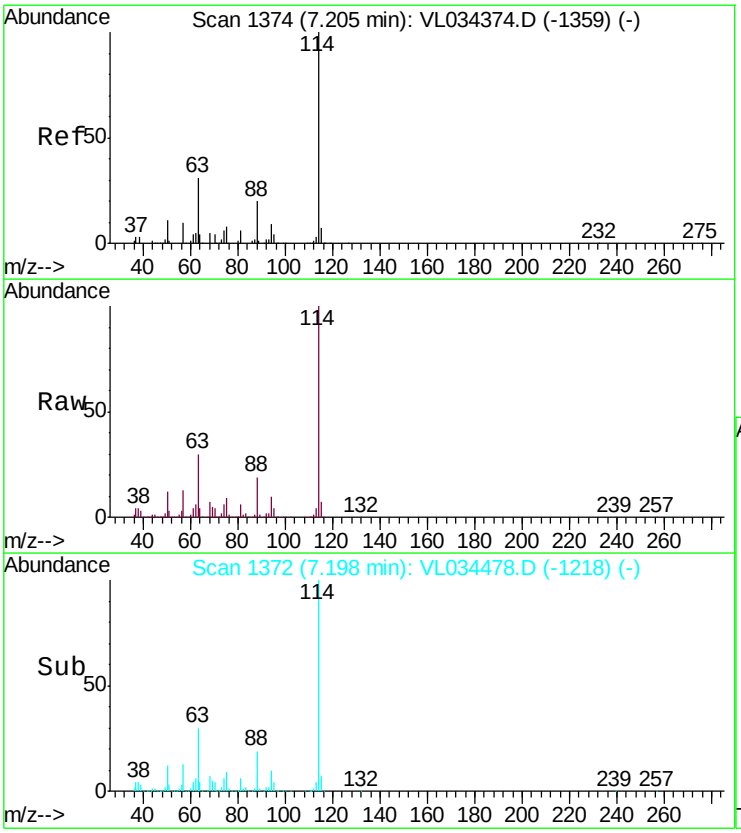
#26
Hexane
Concen: 0.466 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion: 57 Resp: 42264

Ion	Ratio	Lower	Upper
57	100		
41	114.3	75.0	112.4#
43	80.7	186.6	279.8#
56	65.0	41.5	62.3#

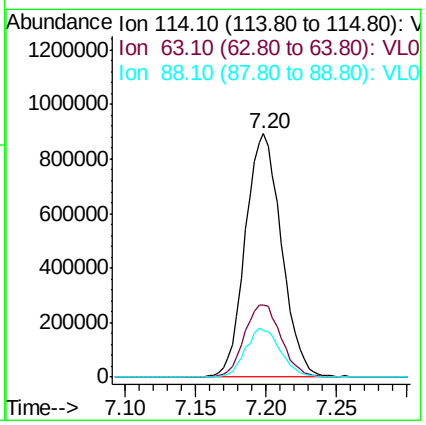


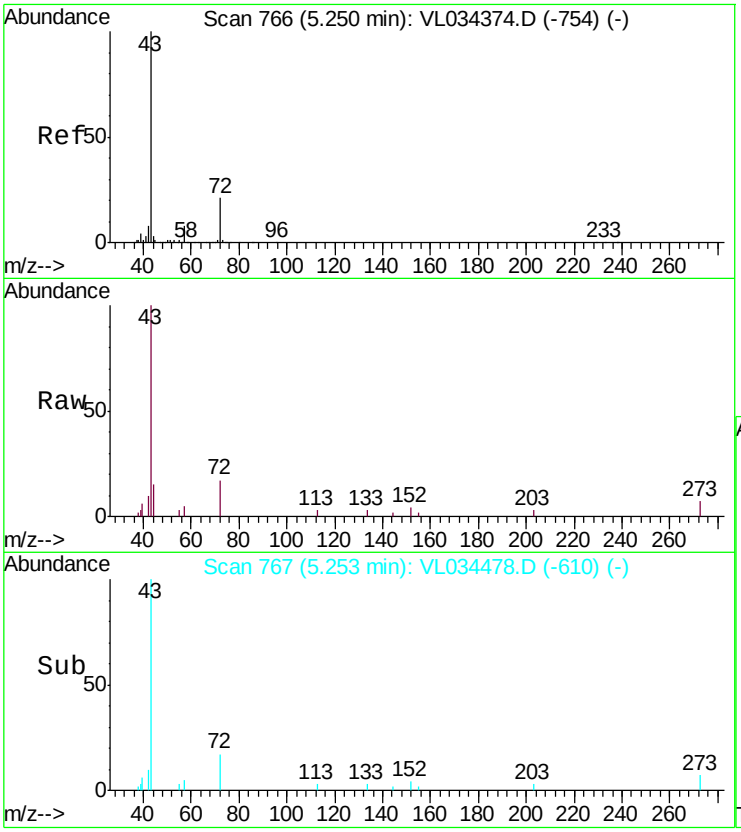


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.01 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion:114 Resp: 1605101

Ion	Ratio	Lower	Upper
114	100		
63	30.4	24.2	36.4
88	19.6	15.9	23.9



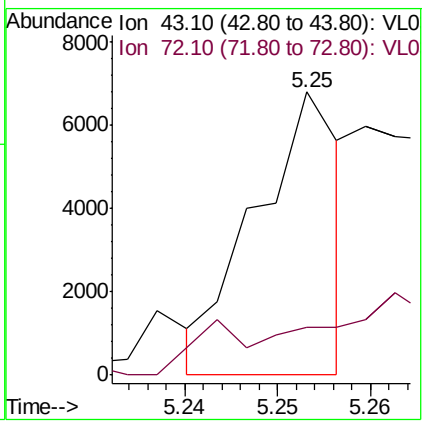


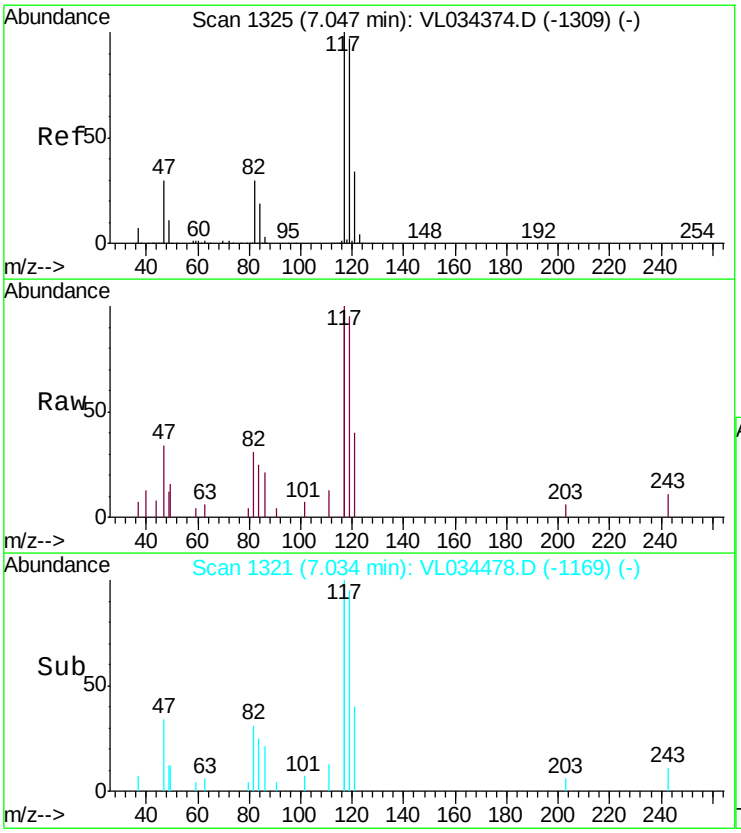
#34
2-Butanone
Concen: 0.033 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion: 43 Resp: 4300

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#

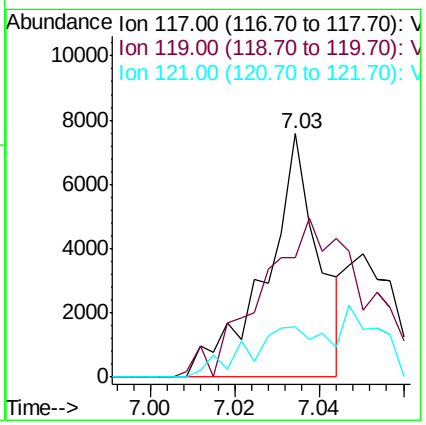


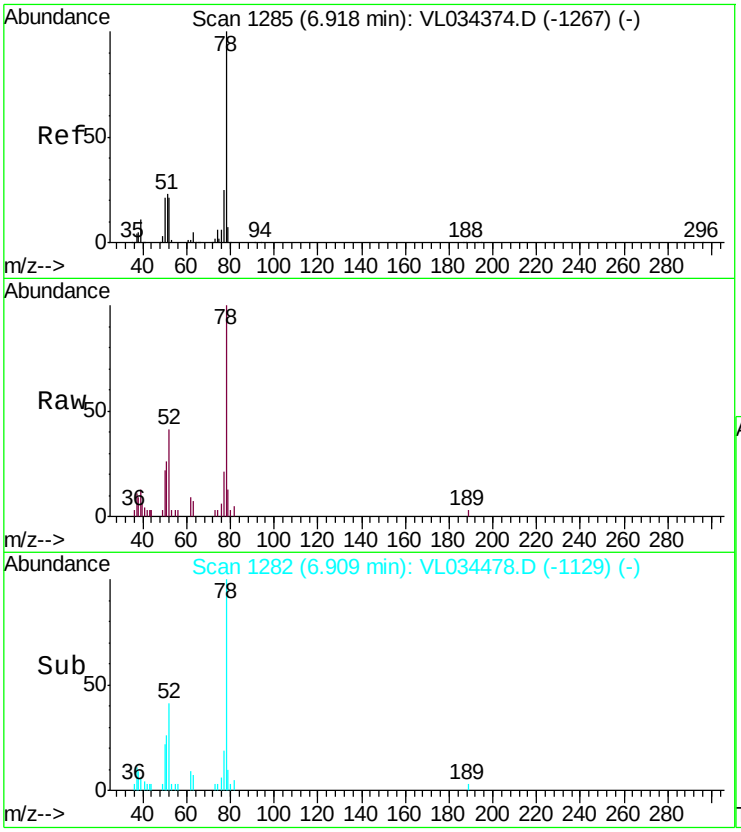


#35
Carbon Tetrachloride
Concen: 0.047 ppbv
RT: 7.03 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion:117 Resp: 6516

Ion	Ratio	Lower	Upper
117	100		
119	47.2	77.3	115.9#
121	20.5	27.4	41.2#



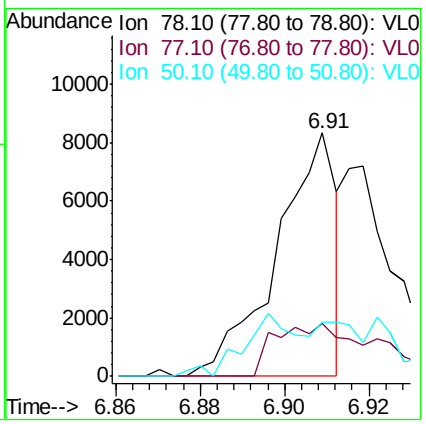


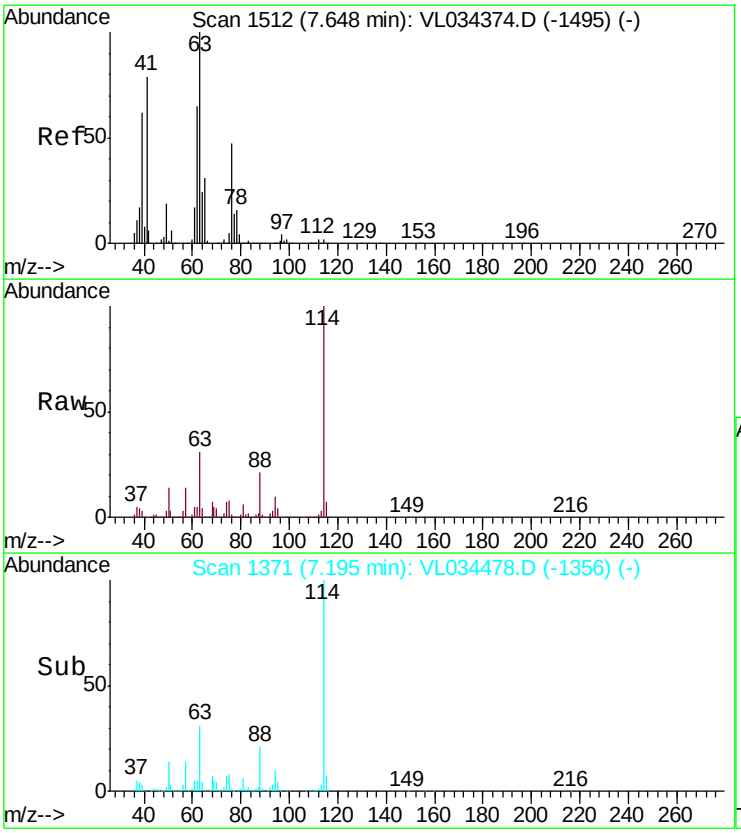
#36
Benzene
Concen: 0.051 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion: 78 Resp: 8123

Ion	Ratio	Lower	Upper
78	100		
77	21.5	20.2	30.4
50	19.7	17.1	25.7

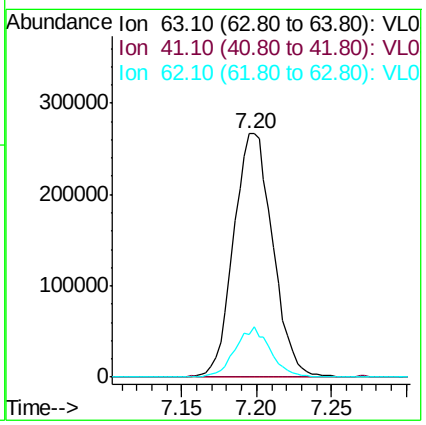


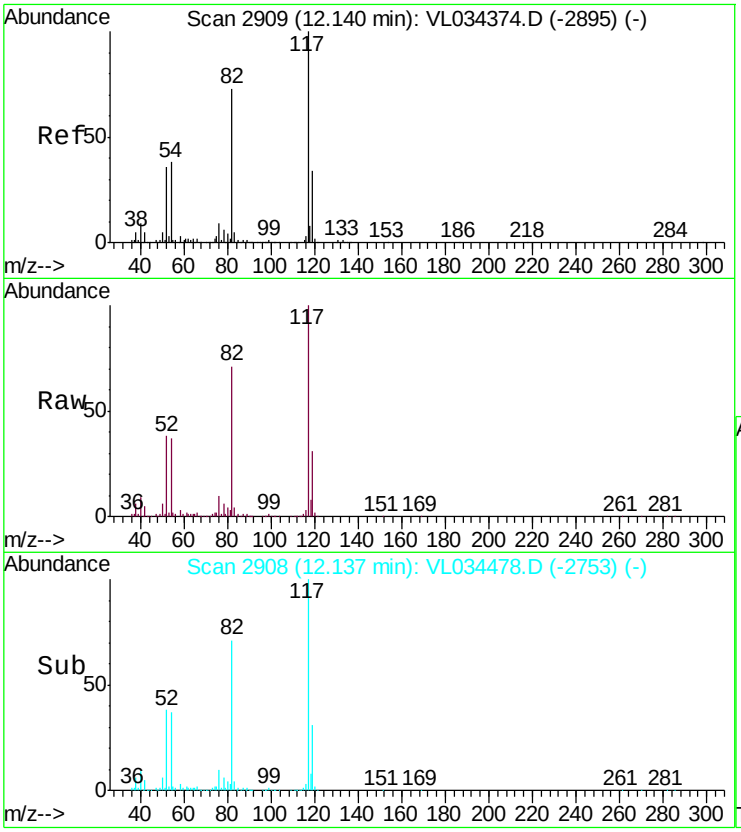


#39
1,2-Dichloropropane
Concen: 7.819 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. -0.45 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion: 63 Resp: 483321

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.1	94.7#
62	17.6	52.3	78.5#



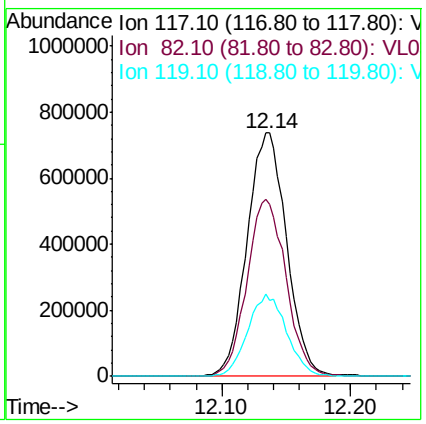


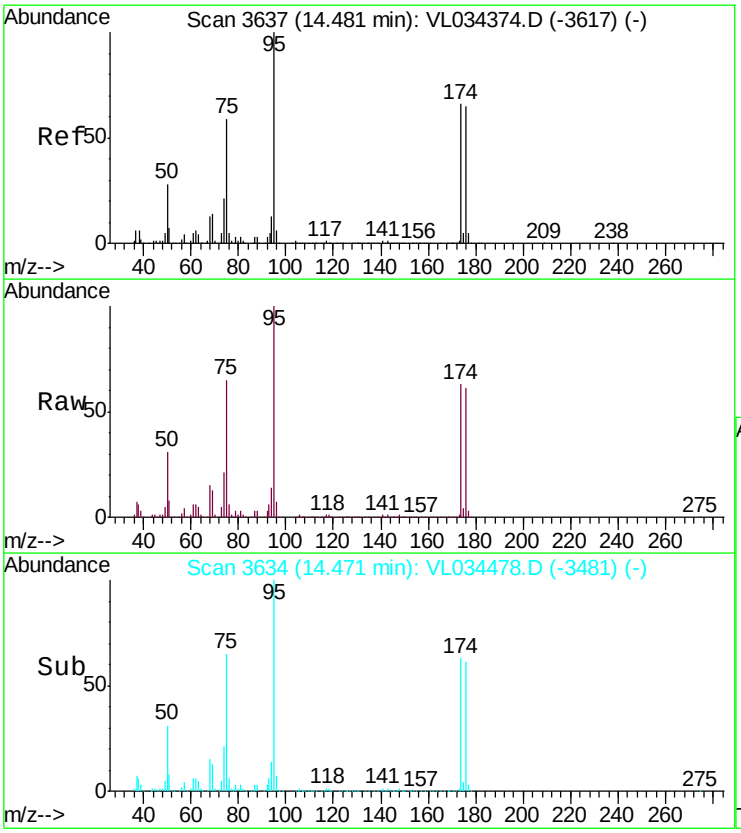
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Instrument : MSVOA_L
ClientSampleId : A-2

Tgt Ion:117 Resp: 1574398

Ion	Ratio	Lower	Upper
117	100		
82	72.0	57.5	86.3
119	33.3	25.4	38.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.321 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL034478.D
Acq: 10 Dec 2019 00:07

Tgt Ion: 95 Resp: 1367021

Ion	Ratio	Lower	Upper
95	100		
174	63.6	52.2	78.2
175	4.6	3.8	5.8