Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL010419\
Data File : VL033076.D
Acq On : 4 Jan 2019 20:25
Operator : SY/AP
Sample : J6594-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVI-OA1-2018-12-19

Quant Time: Jan 05 01:51:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan 04 16:09:05 2019
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	940069	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2188501	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2120797	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1639696	10.09	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	105854	0.605	ppbv		93
3) Chlorodifluoromethane	3.02	51	79330	0.745	ppbv		93
4) Chloromethane	3.17	50	42204	0.692	ppbv		97
9) Propene	3.05	41	86208	2.169	ppbv		85
10) Heptane	8.25	43	9873	0.087	ppbv	#	59
11) Trichlorofluoromethane	4.01	101	53186	0.275	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.56	101	9727	0.080	ppbv		86
13) Ethanol	3.65	45	215473	13.592	ppbv		97
15) Acetone	3.90	43	657073	5.050	ppbv		90
16) 1,3-Butadiene	3.35	39	29498	0.601	ppbv	#	37
19) Isopropyl Alcohol	4.04	45	56183	0.627	ppbv	#	75
20) Methylene Chloride	4.41	84	224091	4.131	ppbv		97
21) Allyl Chloride	4.44	41	2514	0.031	ppbv	#	1
23) Vinyl Acetate	5.15	43	24080	0.145	ppbv	#	8
25) Ethyl Acetate	5.78	43	118038	0.537	ppbv	#	84
26) Hexane	5.78	57	139288	1.345	ppbv	#	46
34) 2-Butanone	5.35	43	28922	0.227	ppbv		97
36) Benzene	7.01	78	36235	0.202	ppbv		96
39) 1,2-Dichloropropane	7.29	63	558417	8.292	ppbv	#	22
44) 2,2,4-Trimethylpentane	7.99	57	9641	0.032	ppbv	#	43
53) Toluene	9.95	91	1093719	5.693	ppbv		99
58) Ethyl Benzene	12.87	91	24173	0.090	ppbv		90
59) m/p-Xylene	13.12	91	34667	0.140	ppbv	#	100
60) o-Xylene	13.85	91	15840	0.065	ppbv	#	32
74) 1,2,4-Trimethylbenzene	16.93	105	17492	0.060	ppbv	#	69

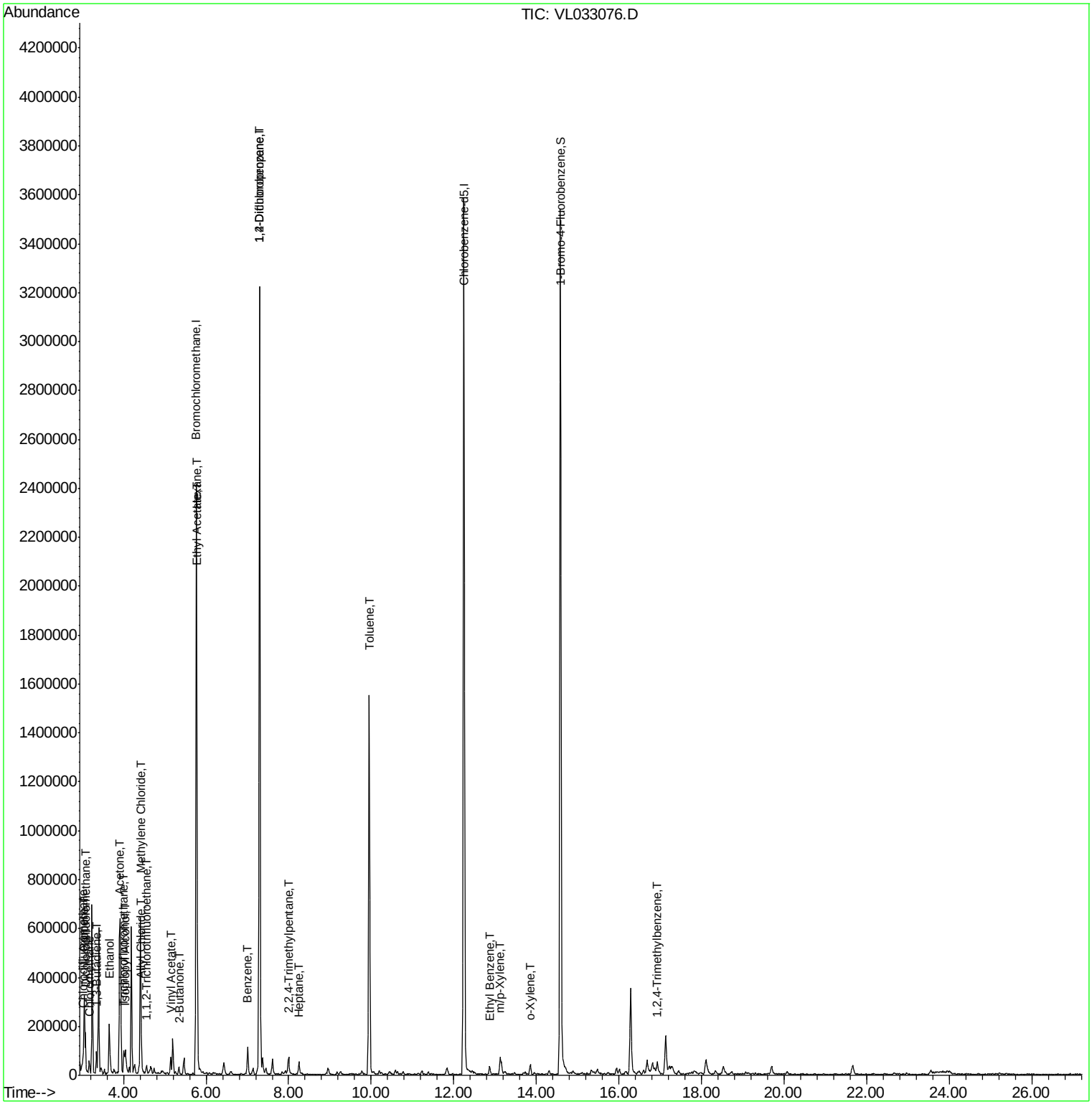
(#) = qualifier out of range (m) = manual integration (+) = signals summed

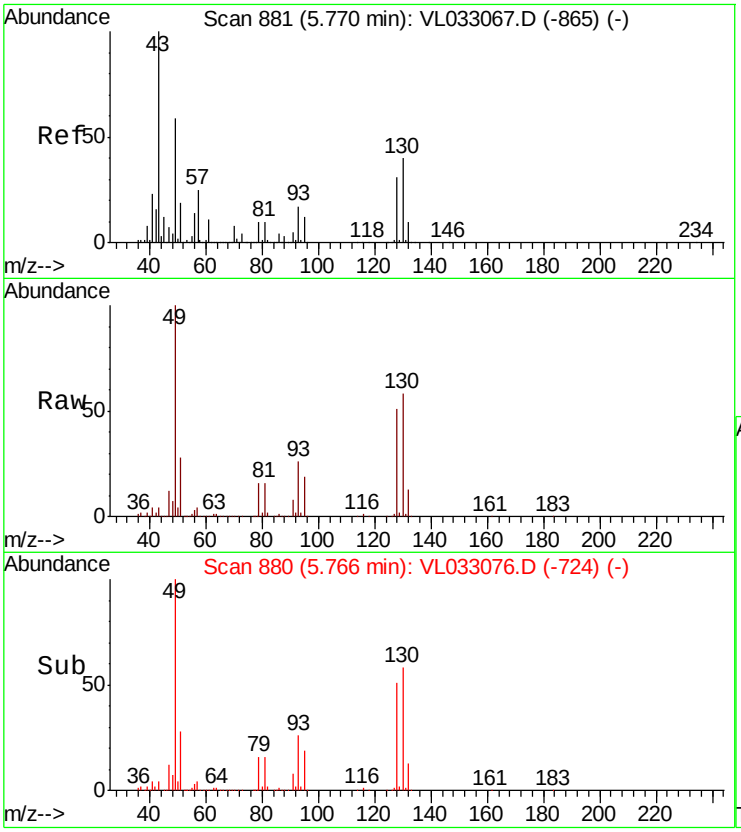
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL010419\
Data File : VL033076.D
Acq On : 4 Jan 2019 20:25
Operator : SY/AP
Sample : J6594-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Quant Time: Jan 05 01:51:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan 04 16:09:05 2019
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration



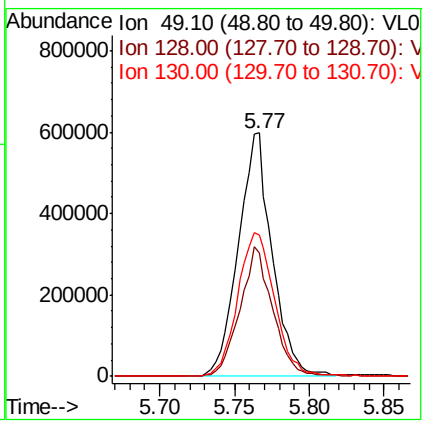


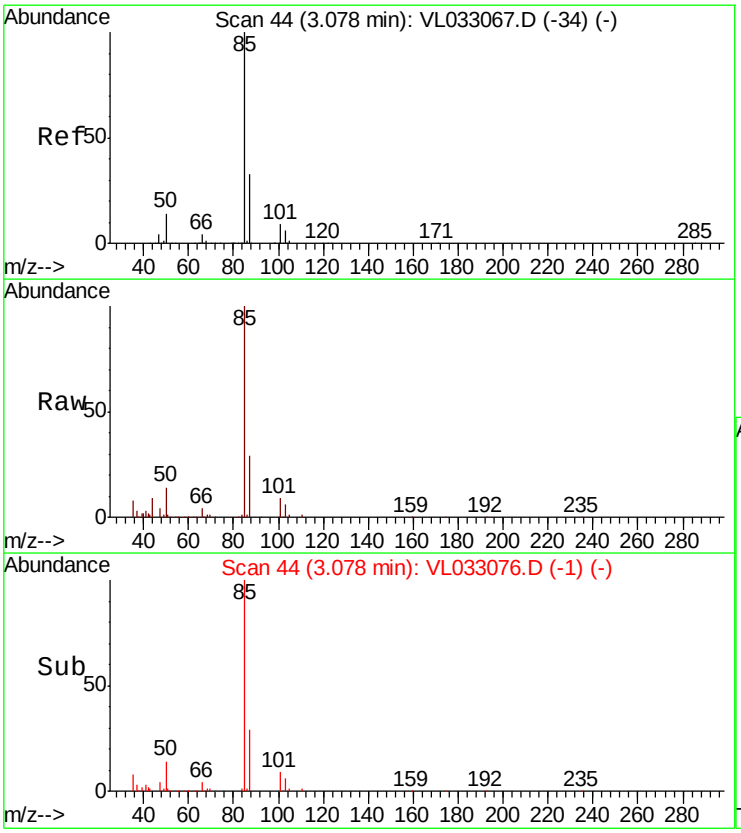
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 49 Resp: 940069

Ion	Ratio	Lower	Upper
49	100		
128	51.9	26.2	78.5
130	64.9	33.6	100.6

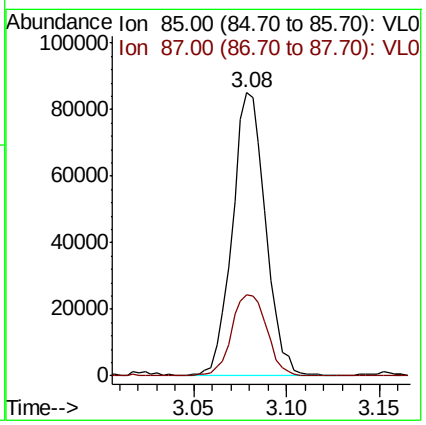


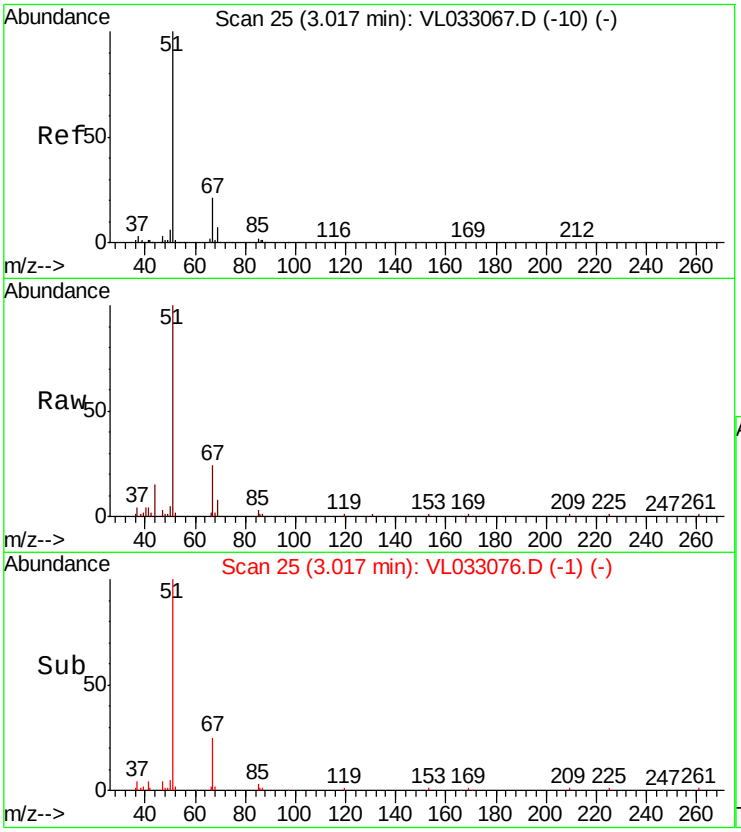


#2
Dichlorodifluoromethane
Concen: 0.605 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 85 Resp: 105854

Ion	Ratio	Lower	Upper
85	100		
87	28.8	26.3	39.5



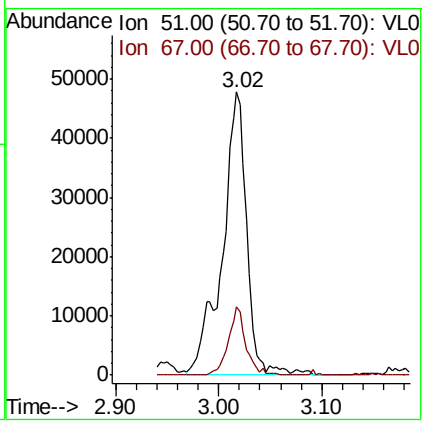


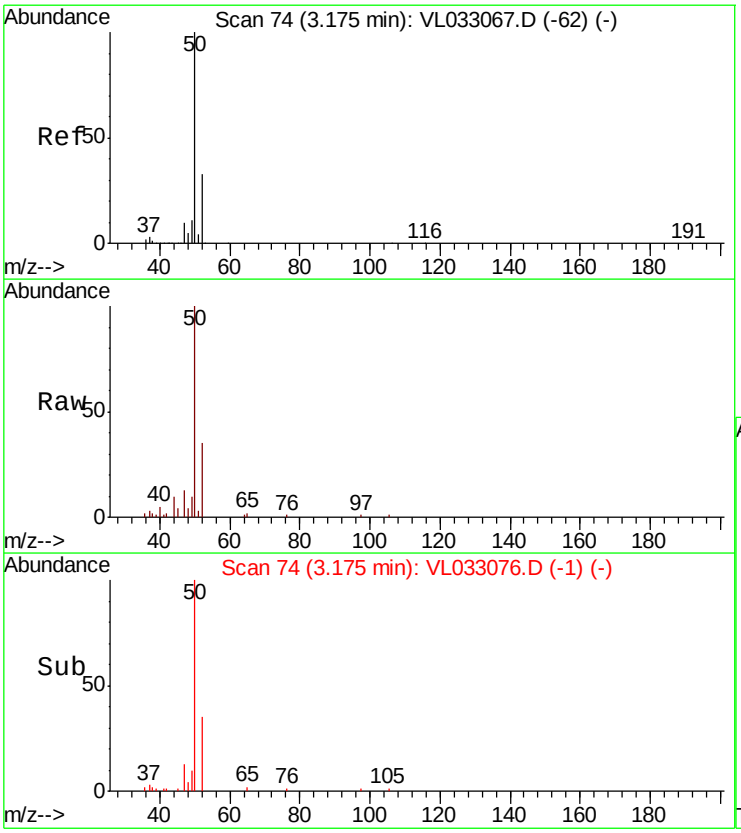
#3
Chlorodifluoromethane
Concen: 0.745 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 51 Resp: 79330

Ion	Ratio	Lower	Upper
51	100		
67	17.1	16.3	24.5

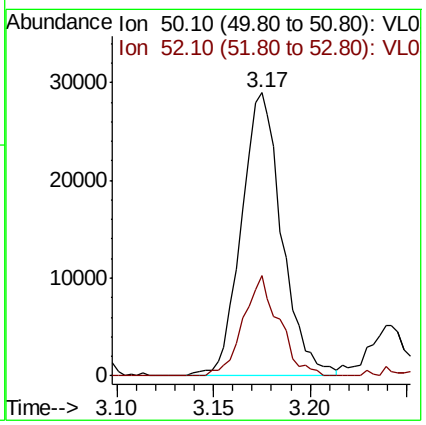


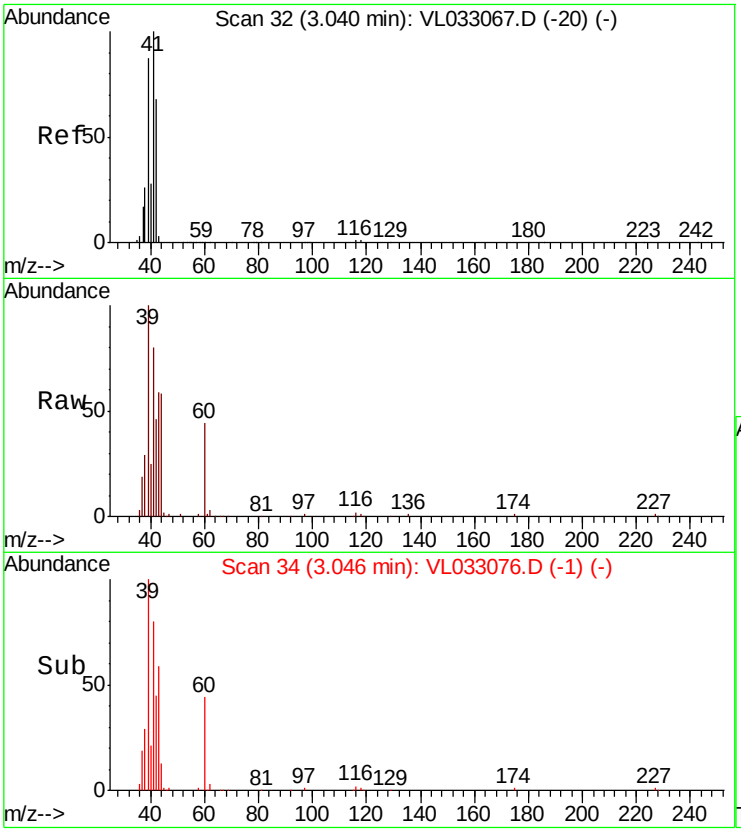


#4
Chloromethane
Concen: 0.692 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 50 Resp: 42204

Ion	Ratio	Lower	Upper
50	100		
52	35.4	26.9	40.3



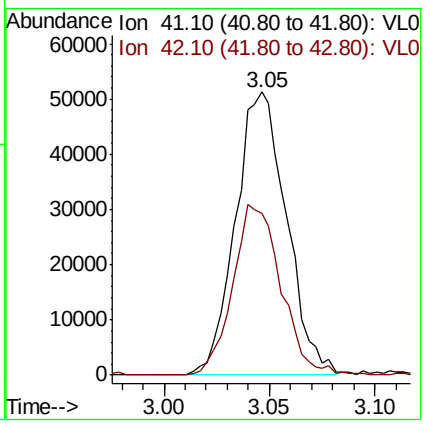


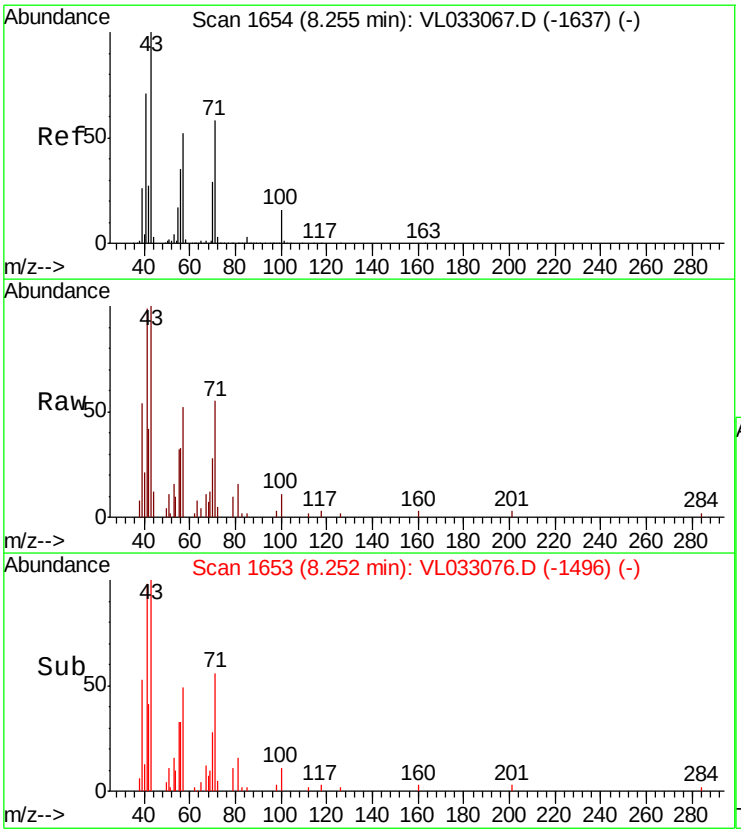
#9
Propene
Concen: 2.169 ppbv
RT: 3.05 min Scan# 34
Delta R.T. 0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 41 Resp: 86208

Ion	Ratio	Lower	Upper
41	100		
42	57.1	55.3	82.9

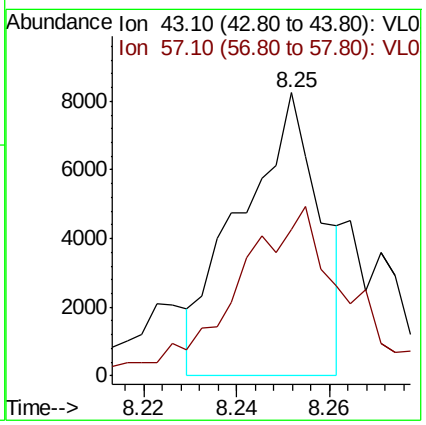


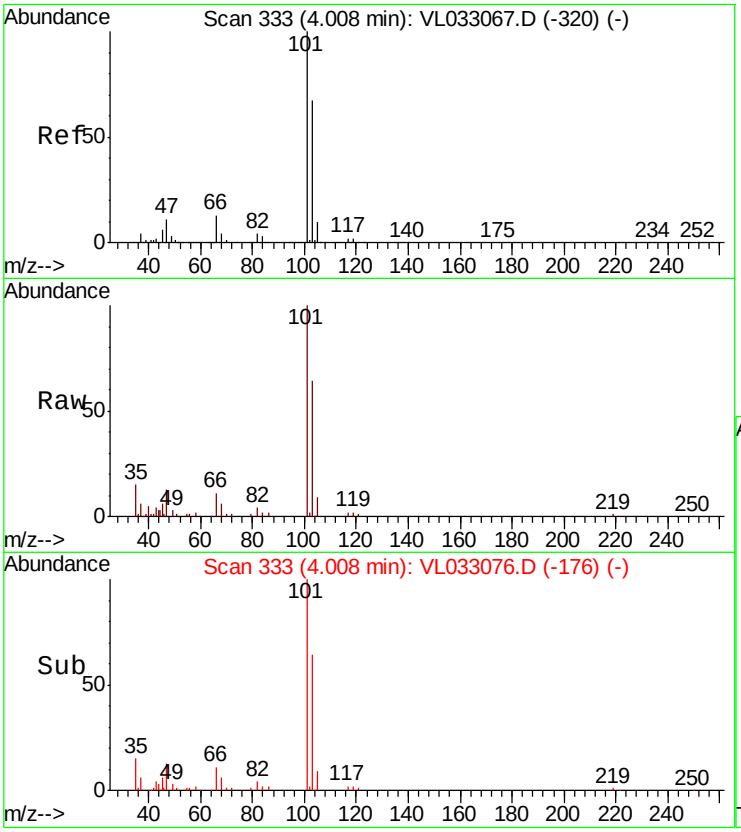


#10
Heptane
Concen: 0.087 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 43 Resp: 9873

Ion	Ratio	Lower	Upper
43	100		
57	81.1	41.9	62.9#



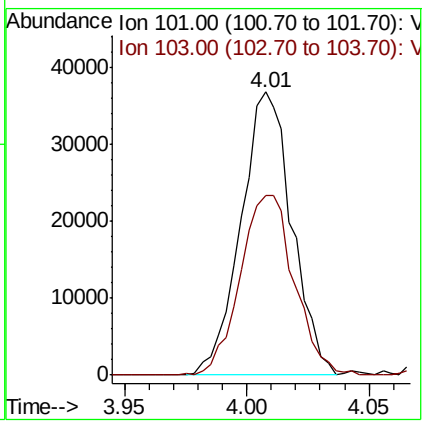


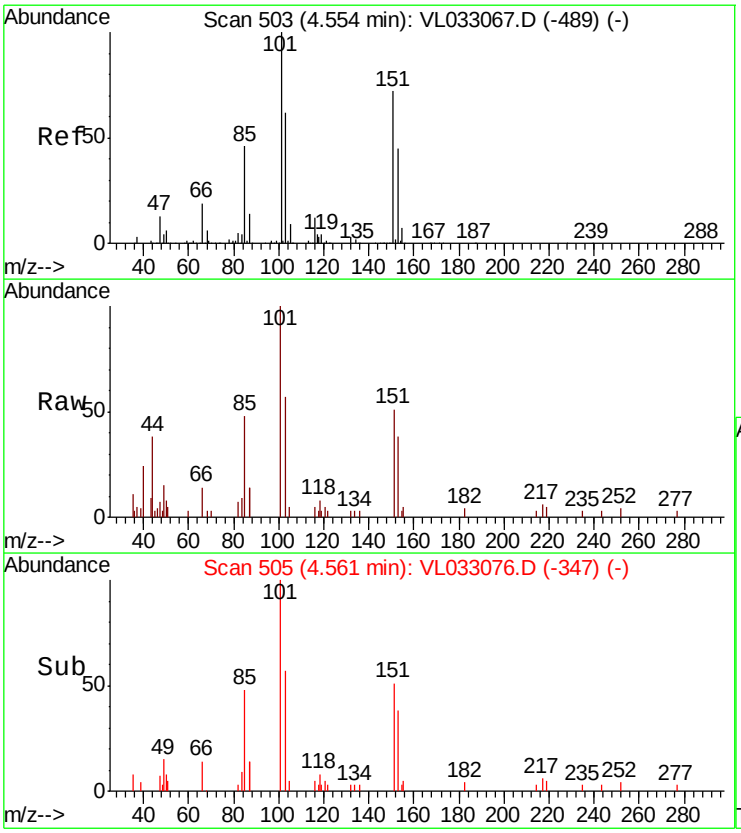
#11
Trichlorofluoromethane
Concen: 0.275 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion:101 Resp: 53186

Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.7	77.5

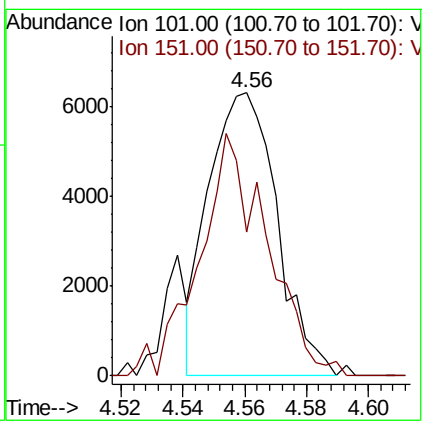


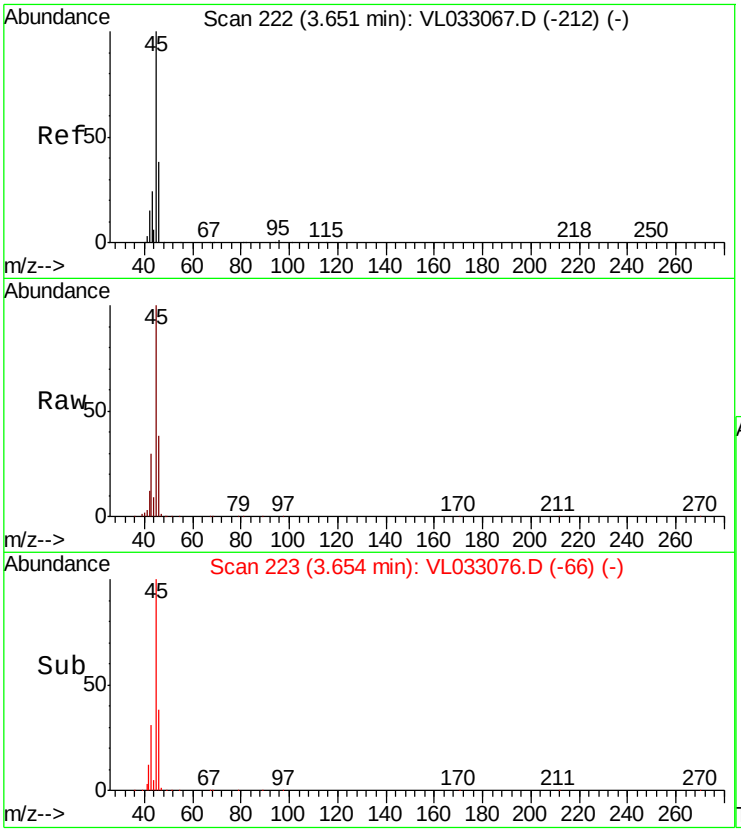


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.080 ppbv
RT: 4.56 min Scan# 505
Delta R.T. 0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion:101 Resp: 9727

Ion	Ratio	Lower	Upper
101	100		
151	85.0	58.3	87.5



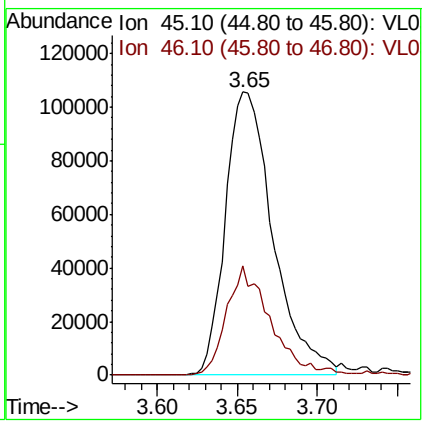


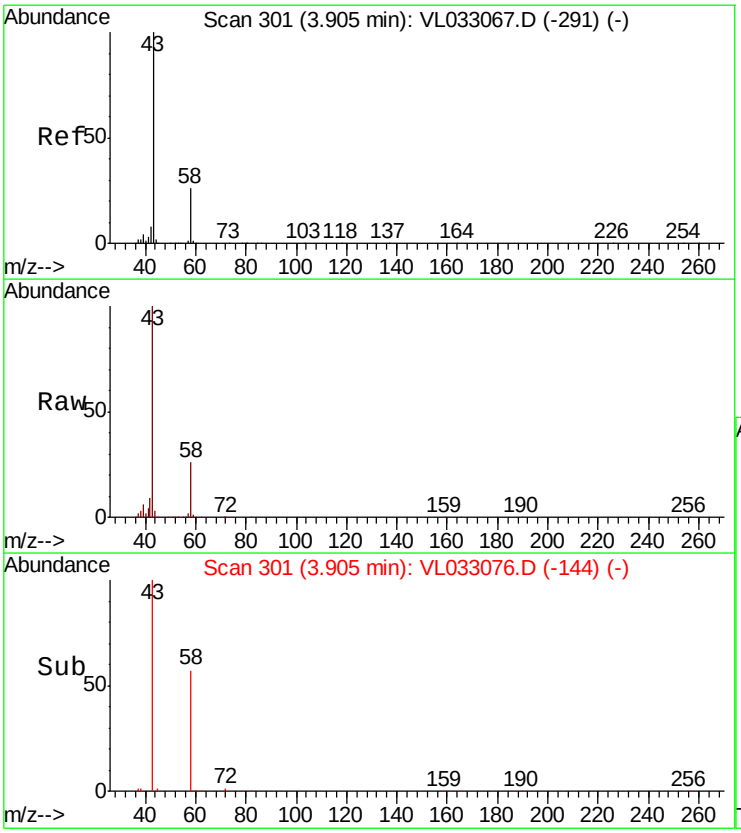
#13
Ethanol
Concen: 13.592 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 45 Resp: 215473

Ion	Ratio	Lower	Upper
45	100		
46	36.2	13.8	55.2

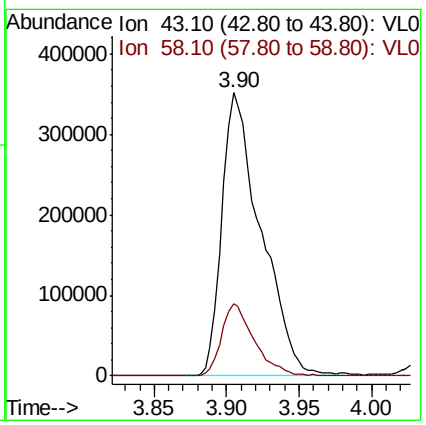


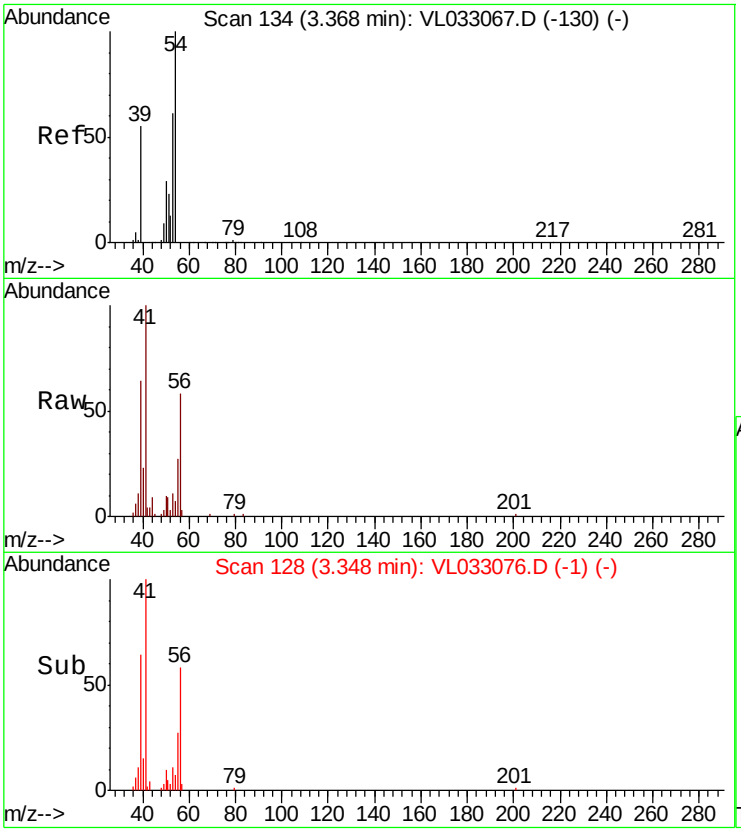


#15
Acetone
Concen: 5.050 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 43 Resp: 657073

Ion	Ratio	Lower	Upper
43	100		
58	21.5	21.1	31.7



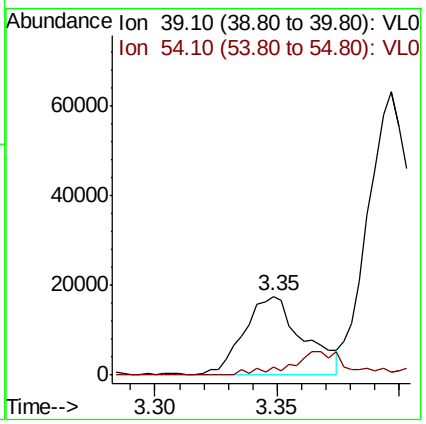


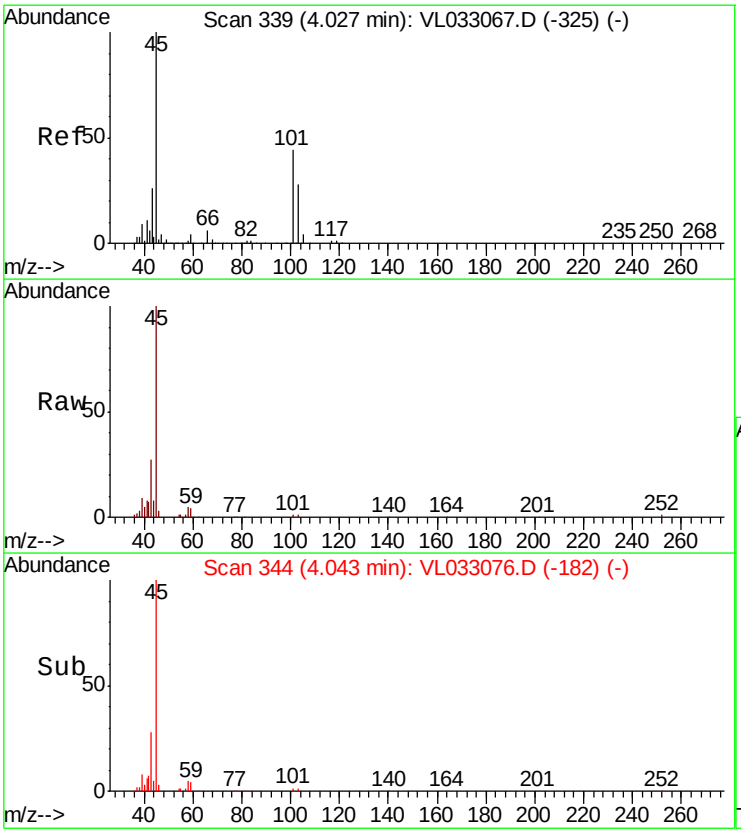
#16
1,3-Butadiene
Concen: 0.601 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 39 Resp: 29498

Ion	Ratio	Lower	Upper
39	100		
54	32.0	73.7	110.5#

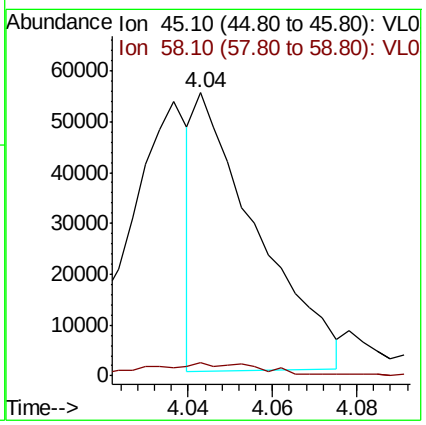


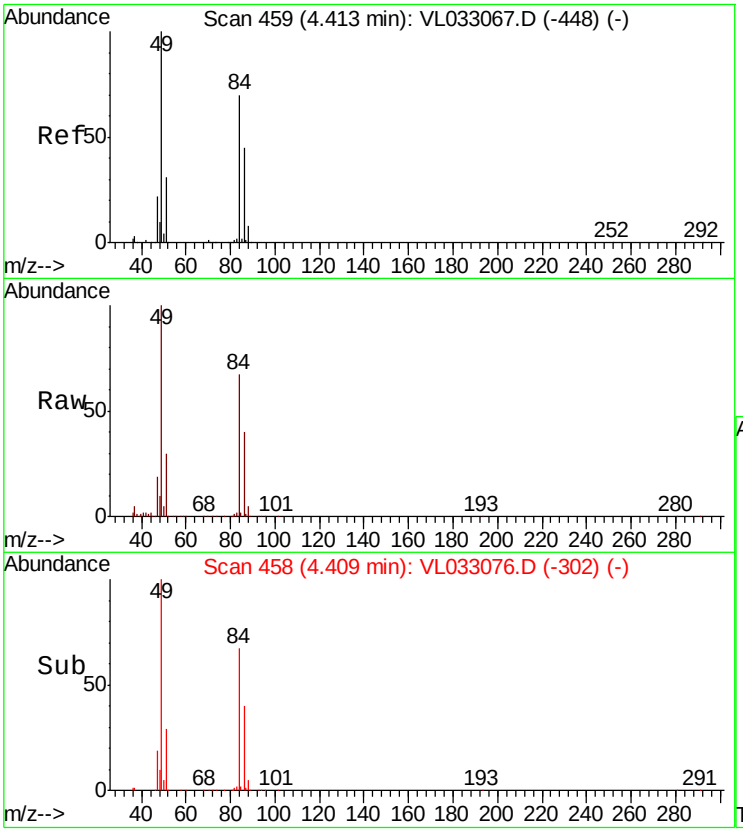


#19
Isopropyl Alcohol
Concen: 0.627 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 45 Resp: 56183

Ion	Ratio	Lower	Upper
45	100		
58	10.9	1.4	2.2#



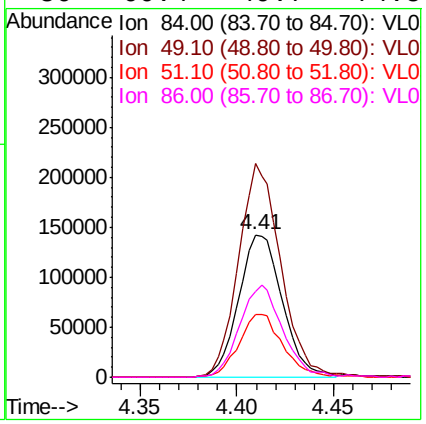


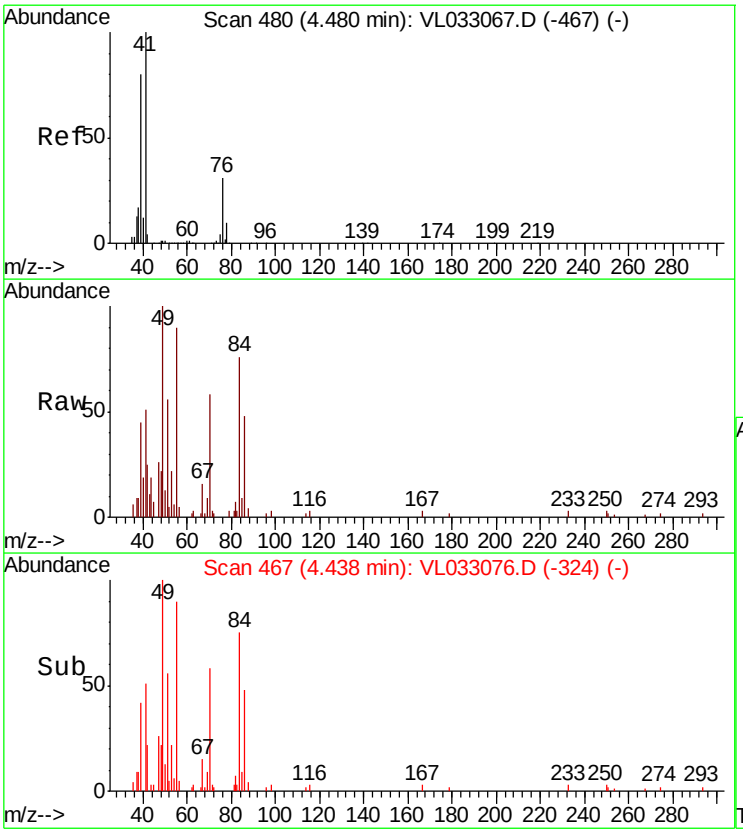
#20
Methylene Chloride
Concen: 4.131 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument : MSVOA_L
ClientSampleId : SVI-OA1-2018-12-19

Tgt Ion: 84 Resp: 224091

Ion	Ratio	Lower	Upper
84	100		
49	149.9	115.8	173.6
51	44.0	35.7	53.5
86	60.4	49.7	74.5

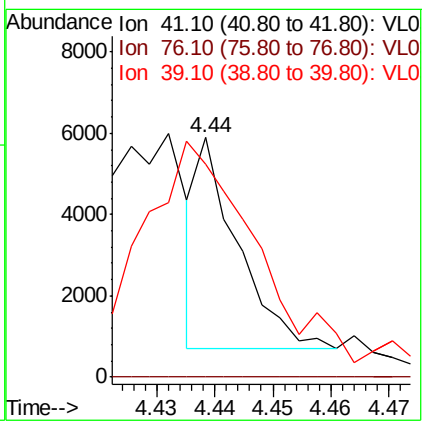


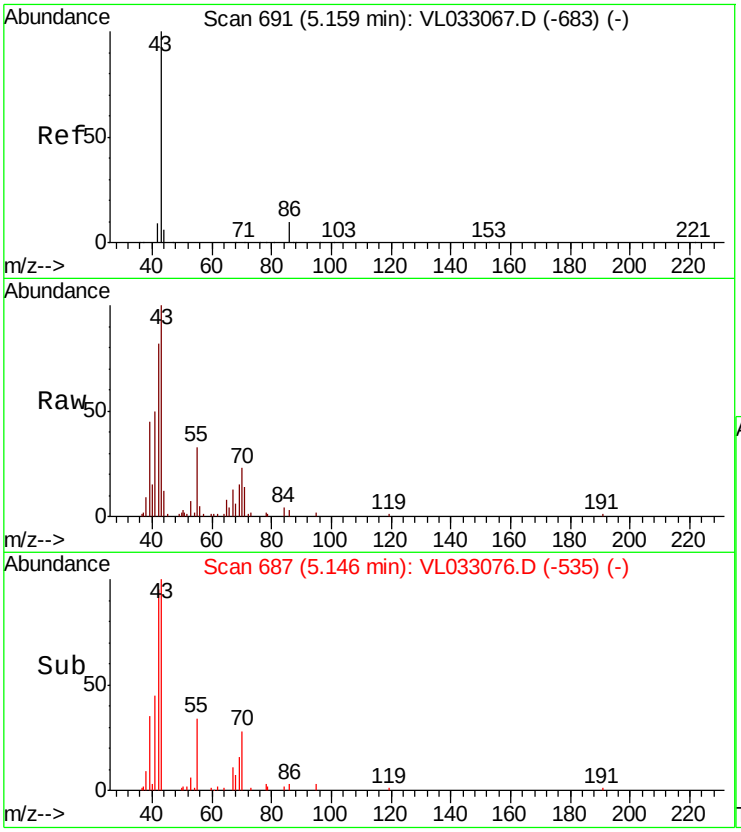


#21
Allyl Chloride
Concen: 0.031 ppbv
RT: 4.44 min Scan# 467
Delta R.T. -0.04 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 41 Resp: 2514

Ion	Ratio	Lower	Upper
41	100		
76	91.3	24.6	36.8#
39	400.5	62.8	94.2#



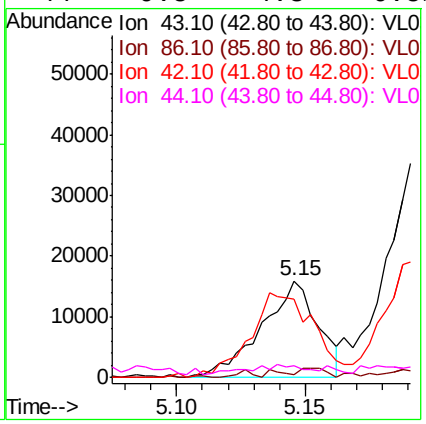


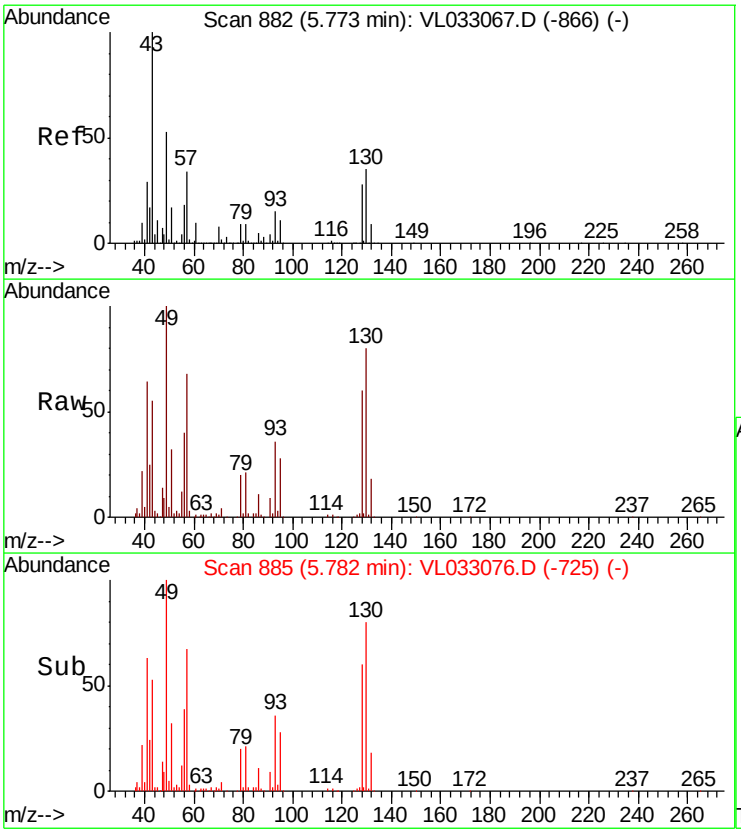
#23
Vinyl Acetate
Concen: 0.145 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument : MSVOA_L
ClientSampleId : SVI-OA1-2018-12-19

Tgt Ion: 43 Resp: 24080

Ion	Ratio	Lower	Upper
43	100		
86	2.9	6.2	9.4#
42	82.0	8.1	12.1#
44	9.5	4.3	6.5#

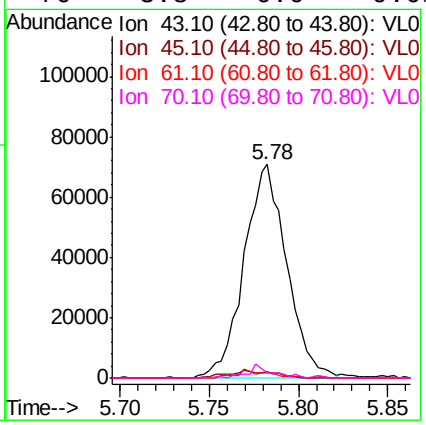


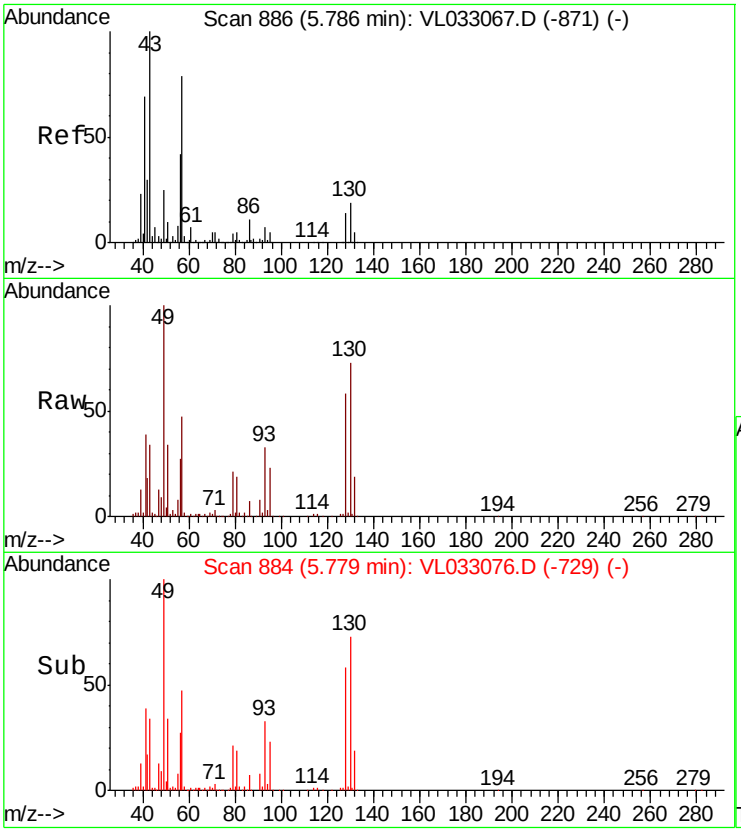


#25
Ethyl Acetate
Concen: 0.537 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 43 Resp: 118038

Ion	Ratio	Lower	Upper
43	100		
45	3.6	7.9	11.9#
61	3.0	7.8	11.8#
70	3.8	6.0	9.0#



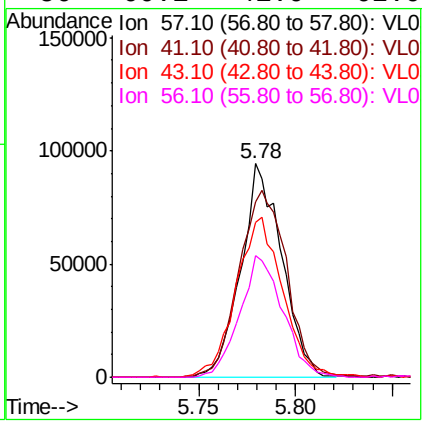


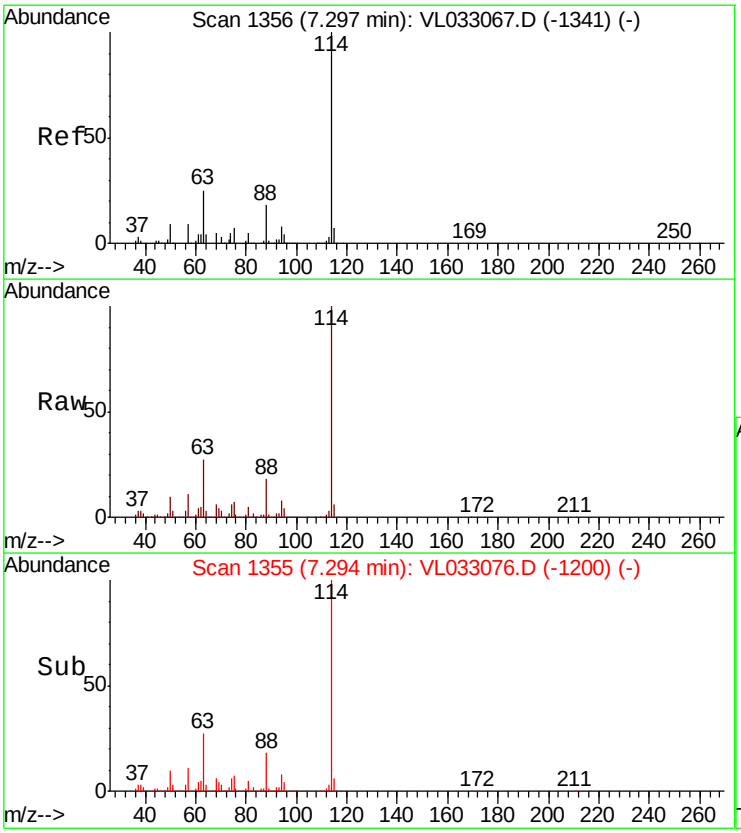
#26
Hexane
Concen: 1.345 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 57 Resp: 139288

Ion	Ratio	Lower	Upper
57	100		
41	101.6	70.8	106.2
43	85.9	171.8	257.6#
56	60.1	41.9	62.9

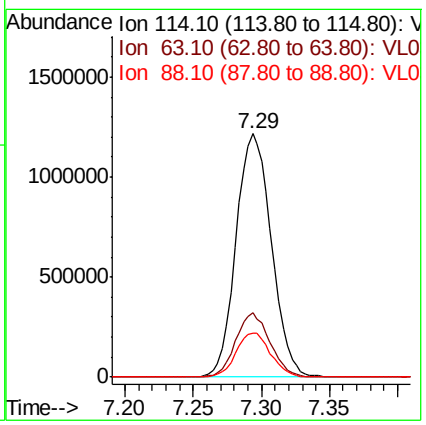


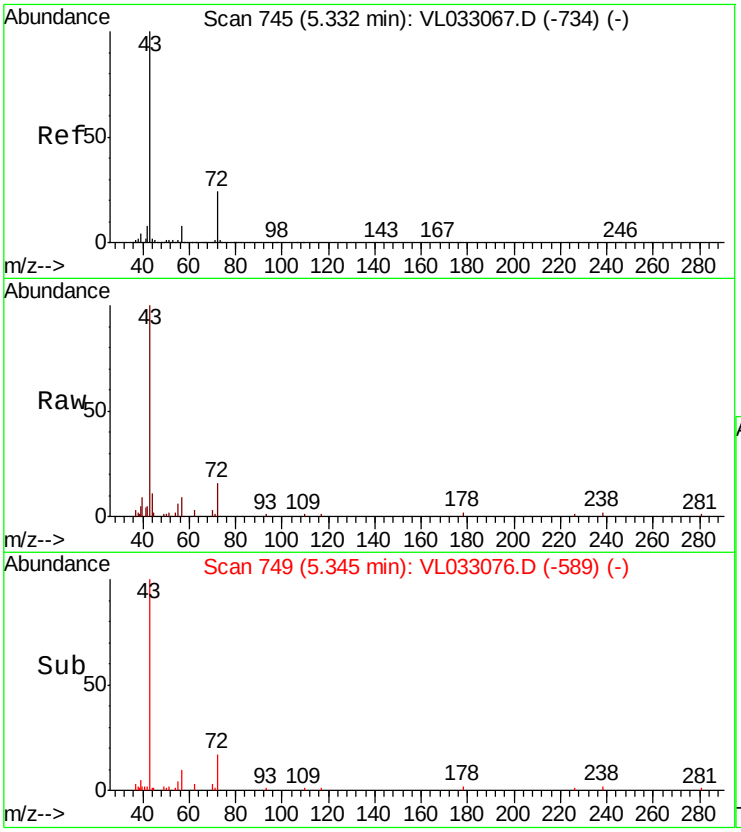


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion:114 Resp: 2188501

Ion	Ratio	Lower	Upper
114	100		
63	25.7	20.1	30.1
88	17.9	14.0	21.0



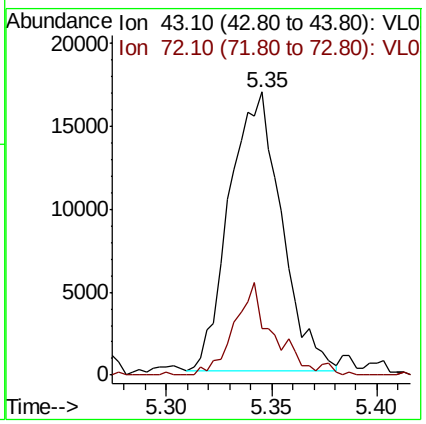


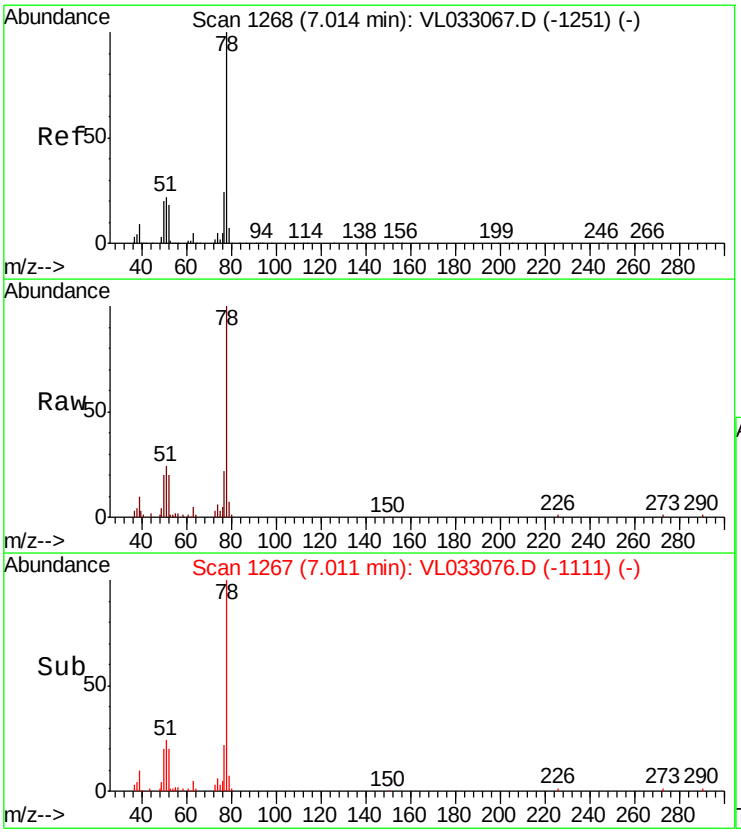
#34
2-Butanone
Concen: 0.227 ppbv
RT: 5.35 min Scan# 749
Delta R.T. 0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 43 Resp: 28922

Ion	Ratio	Lower	Upper
43	100		
72	25.3	18.9	28.3

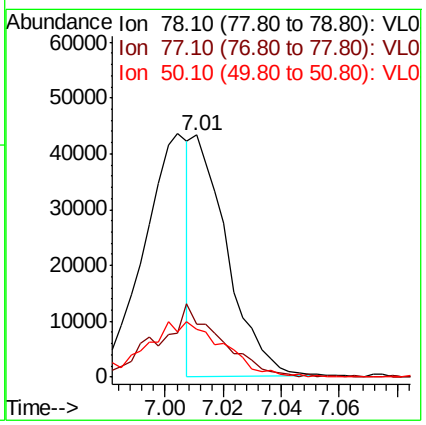


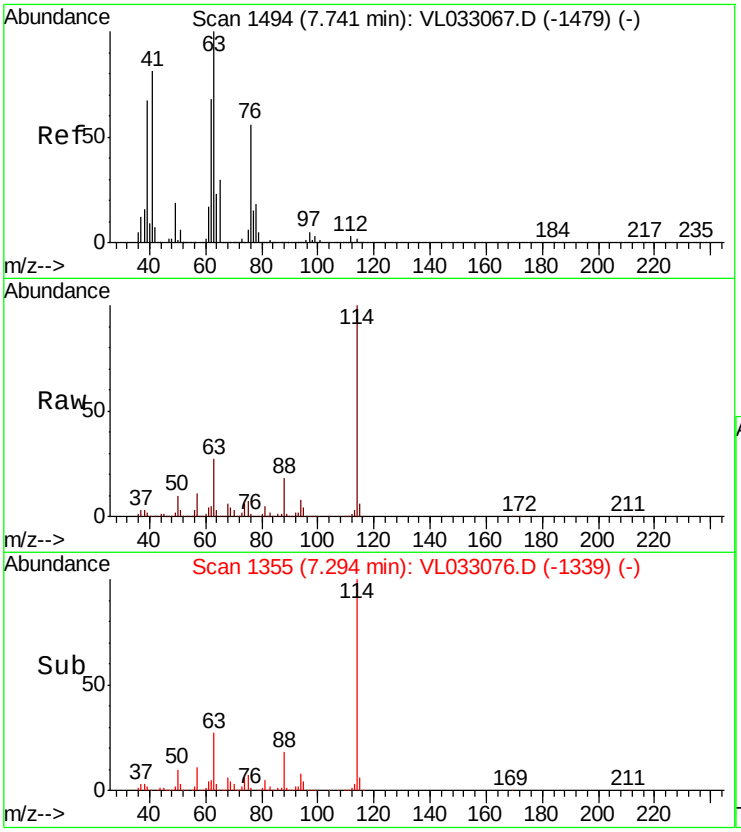


#36
Benzene
Concen: 0.202 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 78 Resp: 36235

Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.5	27.7
50	18.0	15.7	23.5



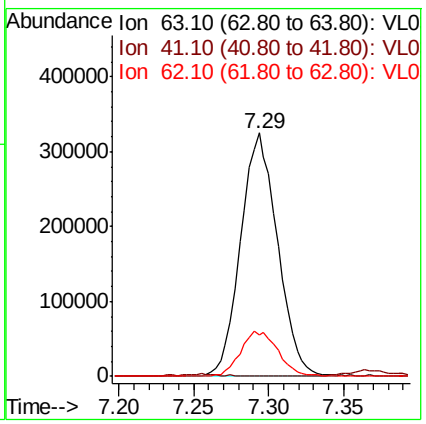


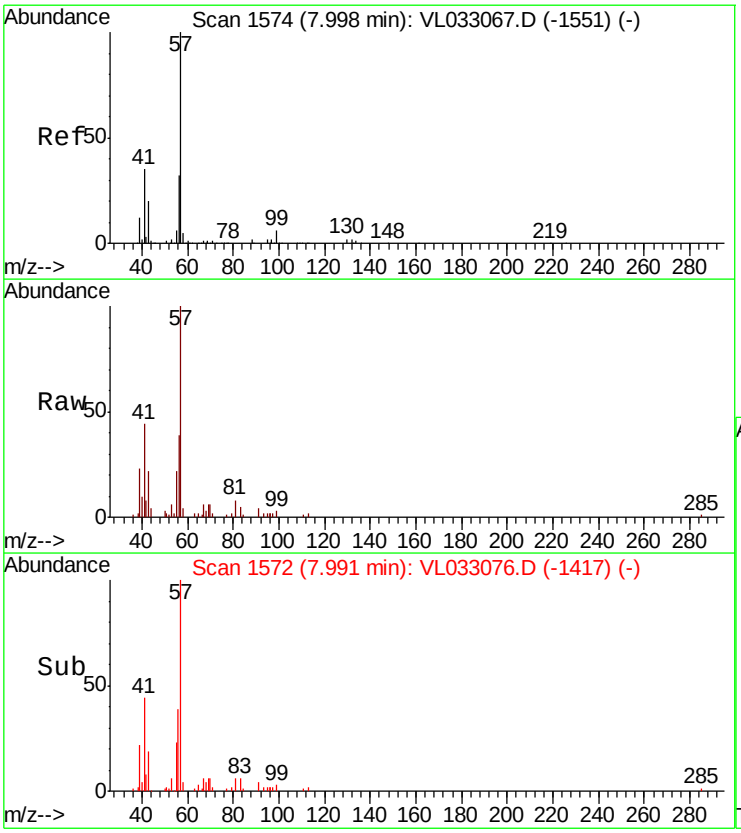
#39
1,2-Dichloropropane
Concen: 8.292 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 63 Resp: 558417

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	16.9	55.8	83.6#

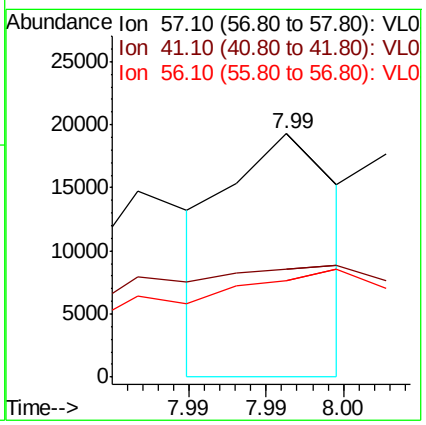


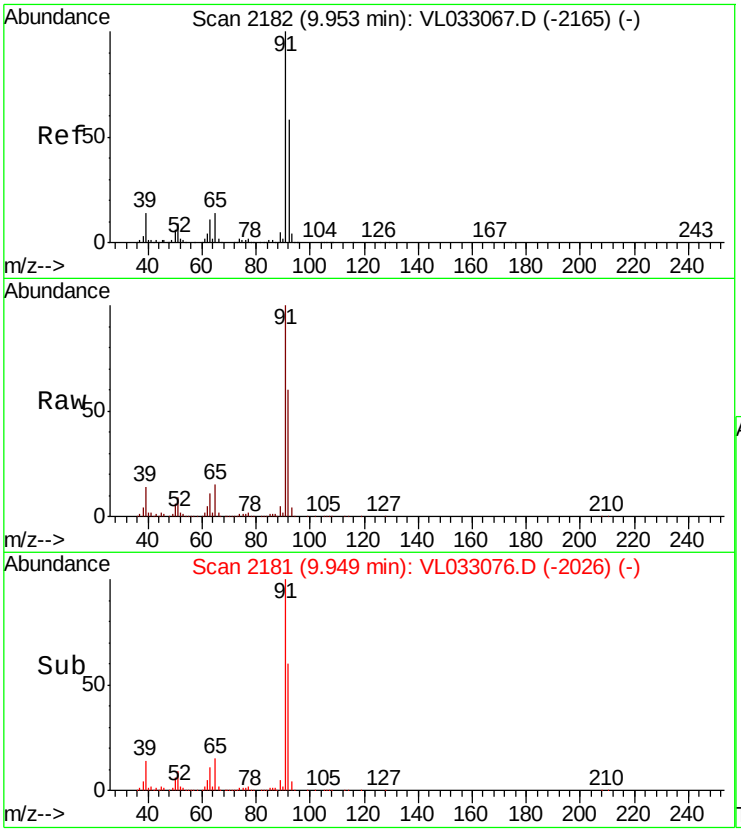


#44
2,2,4-Trimethylpentane
Concen: 0.032 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 57 Resp: 9641

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.2	39.2#
56	0.0	24.9	37.3#



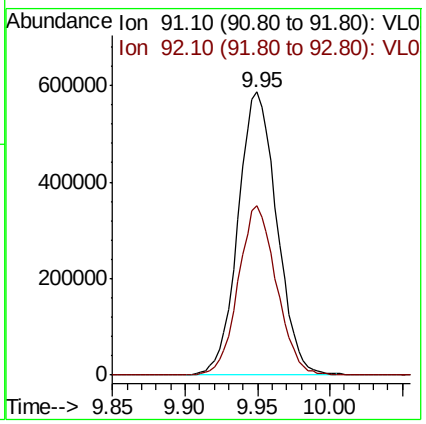


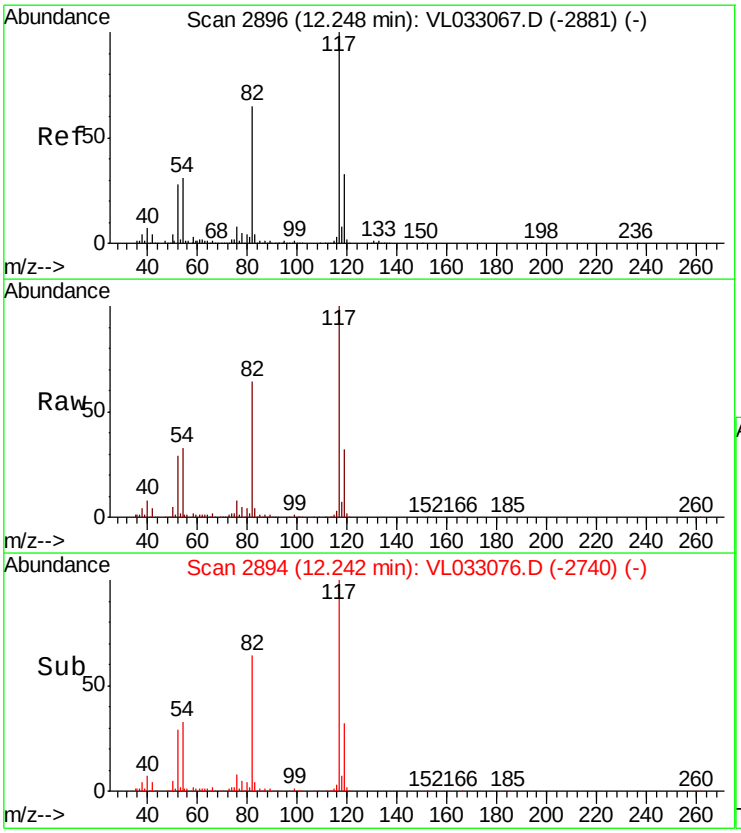
#53
Toluene
Concen: 5.693 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 91 Resp: 1093719

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.7	71.5

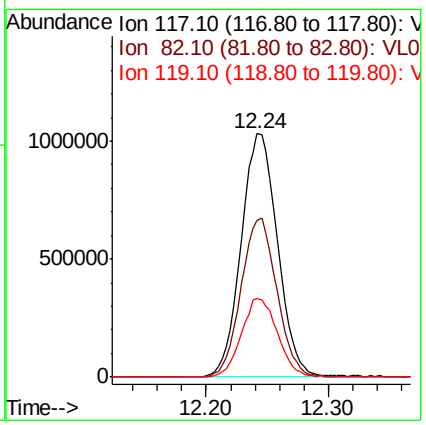


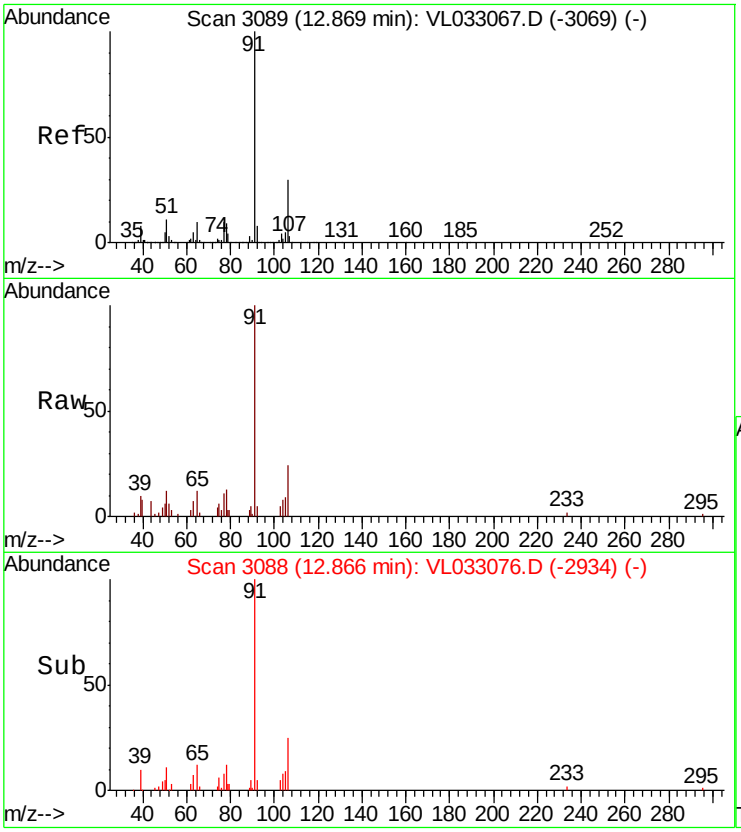


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion:117 Resp: 2120797

Ion	Ratio	Lower	Upper
117	100		
82	64.5	48.9	73.3
119	32.1	24.6	37.0



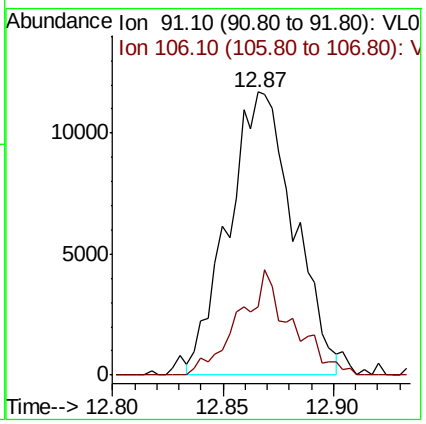


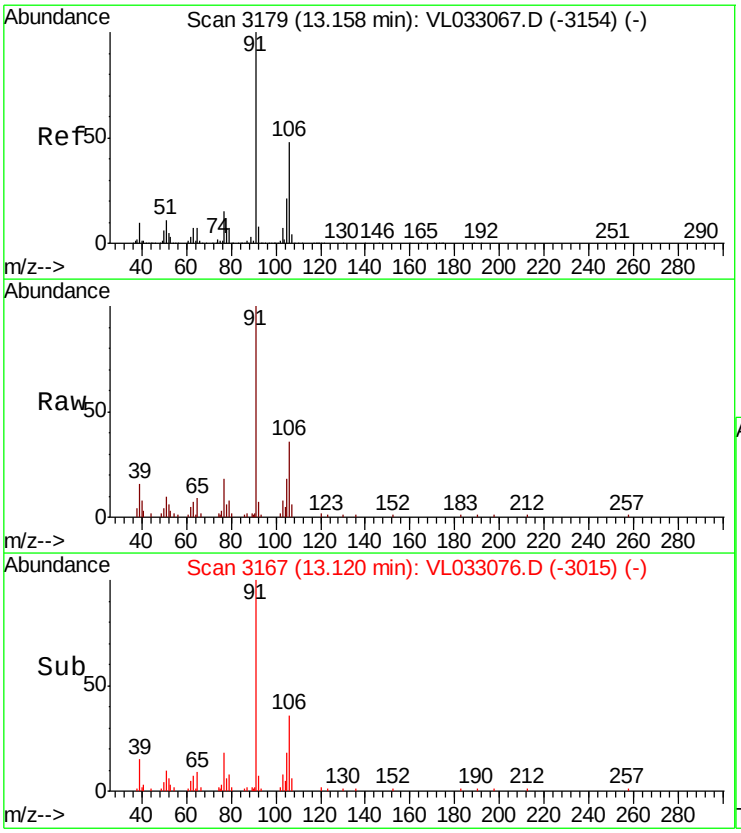
#58
Ethyl Benzene
Concen: 0.090 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 91 Resp: 24173

Ion	Ratio	Lower	Upper
91	100		
106	24.9	24.3	36.5

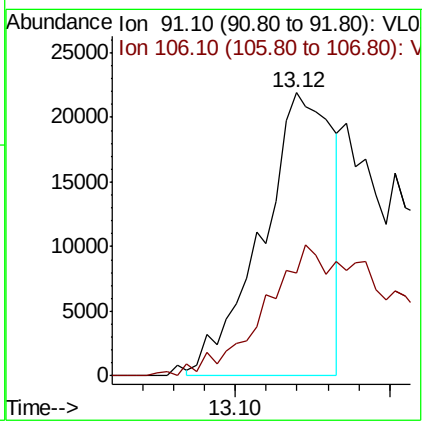


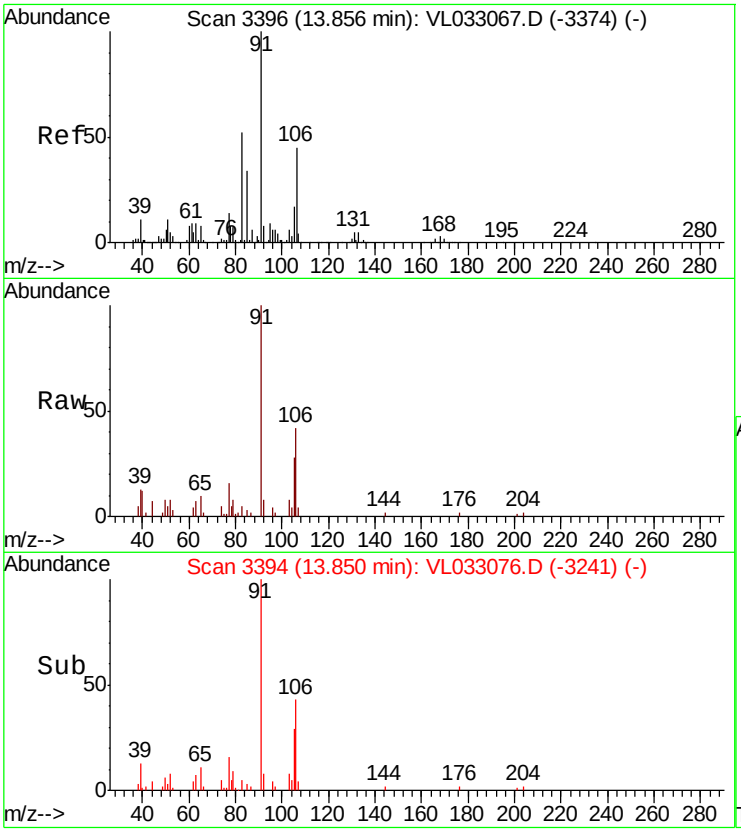


#59
m/p-Xylene
Concen: 0.140 ppbv
RT: 13.12 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 91 Resp: 34667

Ion	Ratio	Lower	Upper
91	100		
106	90.0	0.0	0.0#



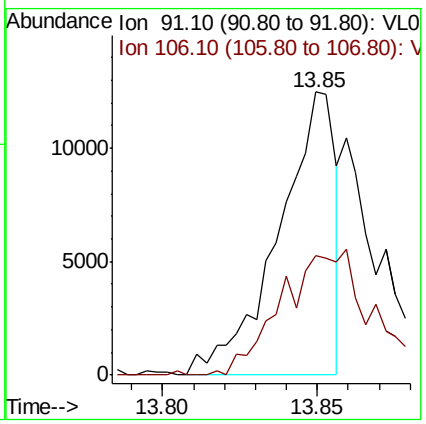


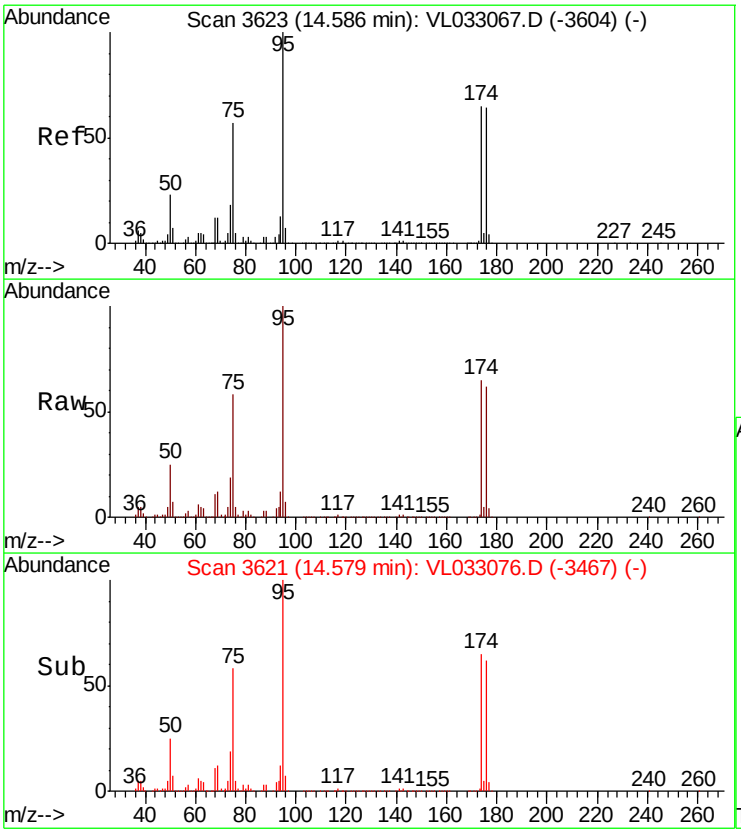
#60
o-Xylene
Concen: 0.065 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion: 91 Resp: 15840

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.1	66.5#

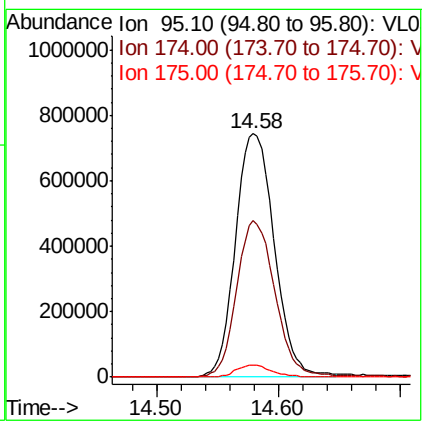


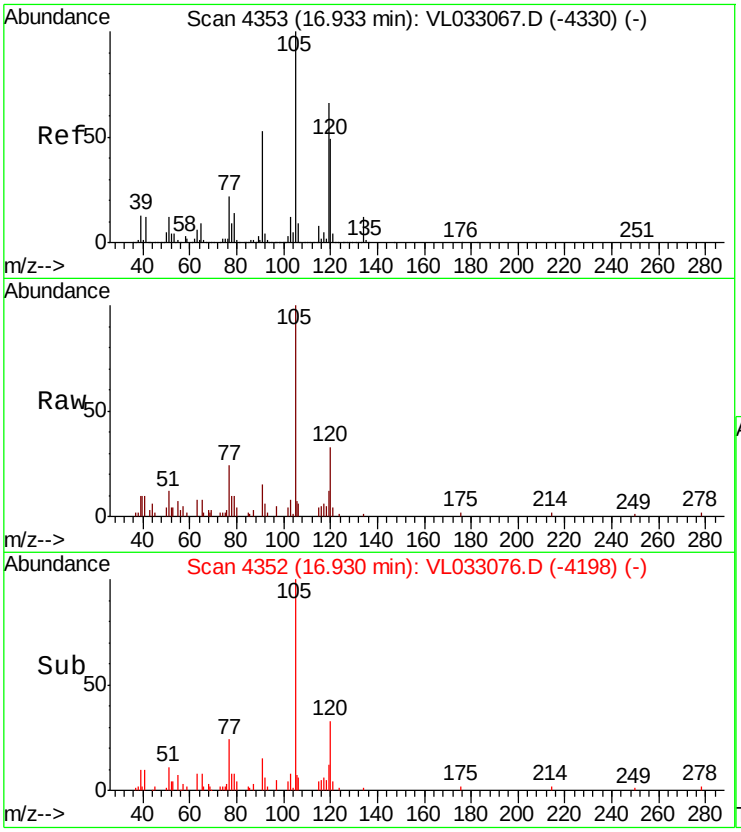


#68
1-Bromo-4-Fluorobenzene
Concen: 10.086 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Tgt Ion: 95 Resp: 1639696

Ion	Ratio	Lower	Upper
95	100		
174	63.7	51.9	77.9
175	4.7	3.9	5.9





#74
1,2,4-Trimethylbenzene
Concen: 0.060 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL033076.D
Acq: 4 Jan 2019 20:25

Instrument :
MSVOA_L
ClientSampleId :
SVI-OA1-2018-12-19

Tgt Ion:105 Resp: 17492

Ion	Ratio	Lower	Upper
105	100		
120	33.0	37.0	55.4#
91	9.1	35.4	53.0#
77	24.0	17.1	25.7