Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031819\

Quantitation Report (Not Reviewed)

Data File : VL033365.D
Acq On : 18 Mar 2019 19:23
Operator : SY/AP
Sample : K1827-08DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-8DL

Quant Time: Mar 19 06:54:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	771672	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1698510	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1892619	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1426881	10.17	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.01	51	24071	0.272	ppbv #	79
4) Chloromethane	3.17	50	2268	0.047	ppbv	93
9) Propene	3.24	41	12826	0.324	ppbv	94
13) Ethanol	3.65	45	205783	10.918	ppbv	97
15) Acetone	3.91	43	71213	0.594	ppbv	98
16) 1,3-Butadiene	3.35	39	1239	0.032	ppbv #	16
19) Isopropyl Alcohol	4.03	45	36539	0.640	ppbv #	85
20) Methylene Chloride	4.41	84	13666	0.349	ppbv	93
23) Vinyl Acetate	5.15	43	4622	0.033	ppbv #	64
25) Ethyl Acetate	5.78	43	25554	0.147	ppbv	97
26) Hexane	5.78	57	15191	0.195	ppbv #	77
39) 1,2-Dichloropropane	7.29	63	455292	7.998	ppbv #	25
53) Toluene	9.94	91	186335	1.079	ppbv	99

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

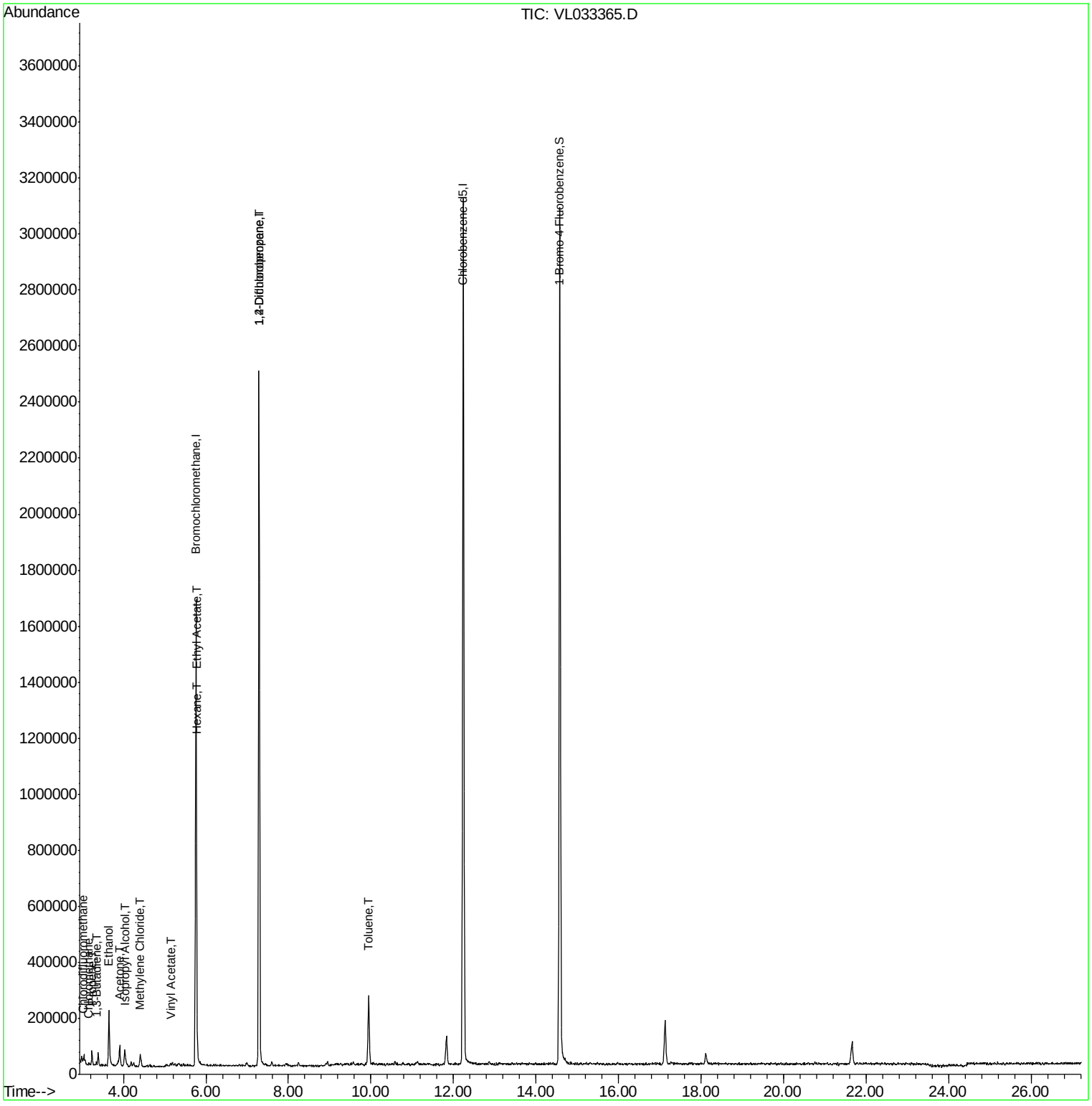
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031819\

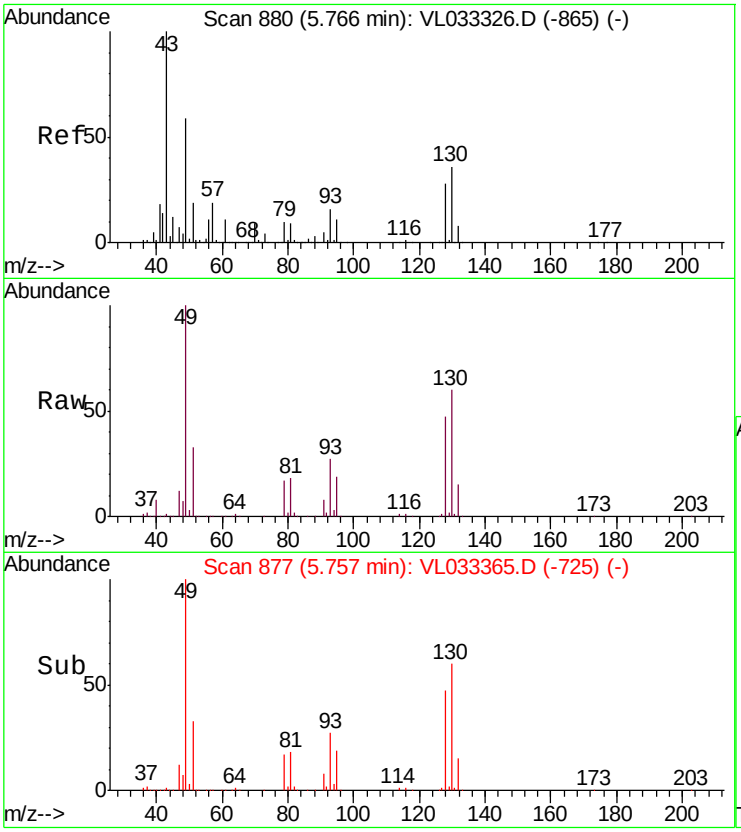
Quantitation Report (Not Reviewed)

Data File : VL033365.D
Acq On : 18 Mar 2019 19:23
Operator : SY/AP
Sample : K1827-08DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-8DL

Quant Time: Mar 19 06:54:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration



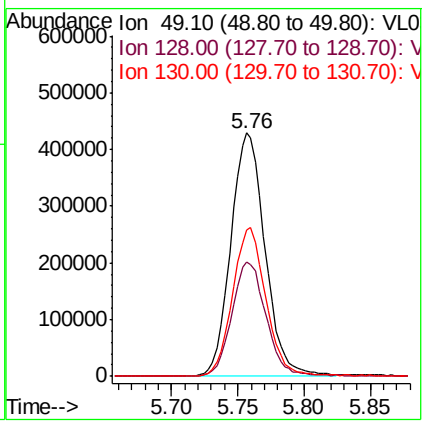


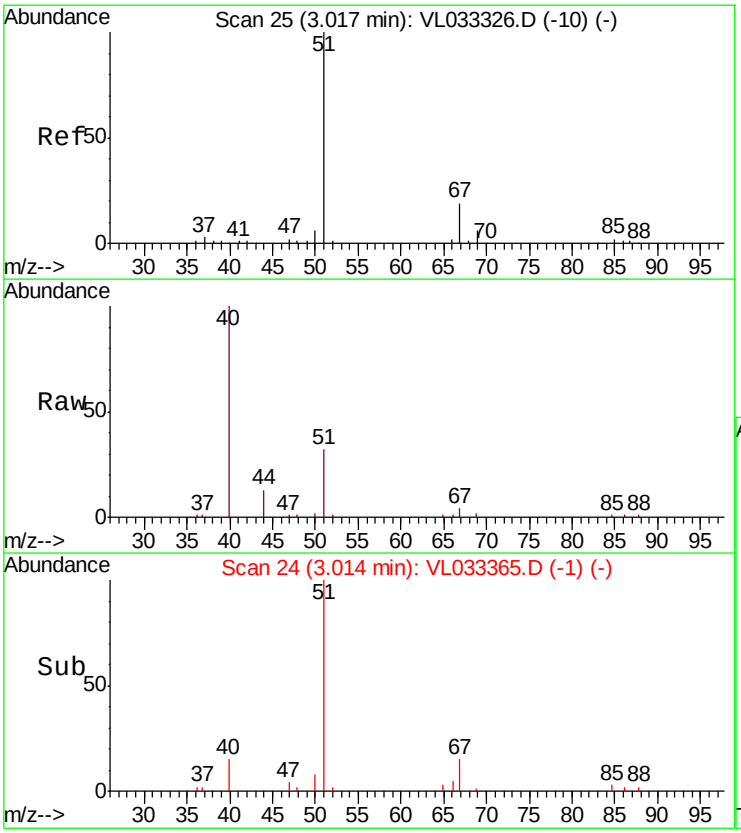
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument :
MSVOA_L
ClientSampleId :
A-8DL

Tgt Ion: 49 Resp: 771672

Ion	Ratio	Lower	Upper
49	100		
128	47.0	23.5	70.6
130	60.0	30.1	90.3

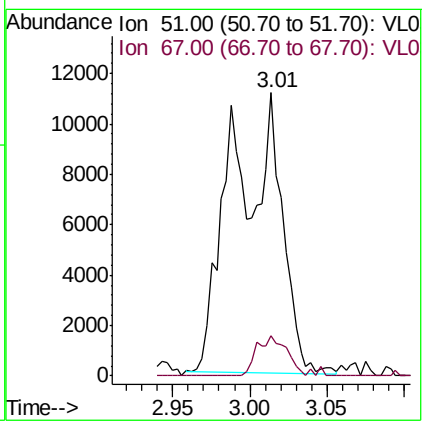


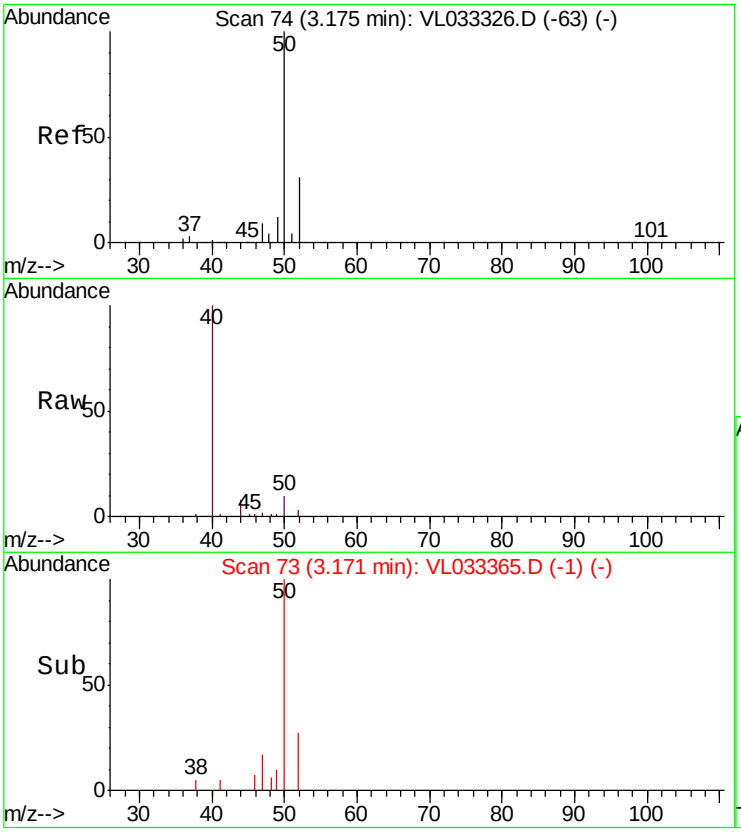


#3
Chlorodifluoromethane
Concen: 0.272 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 51 Resp: 24071

Ion	Ratio	Lower	Upper
51	100		
67	9.3	14.9	22.3#



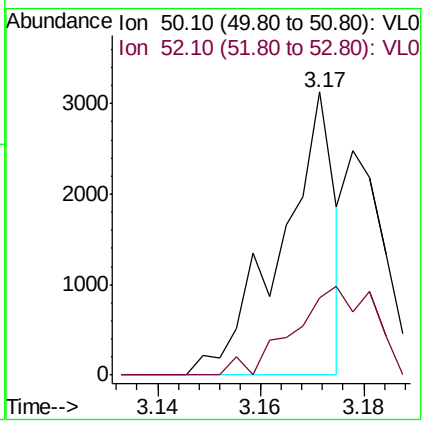


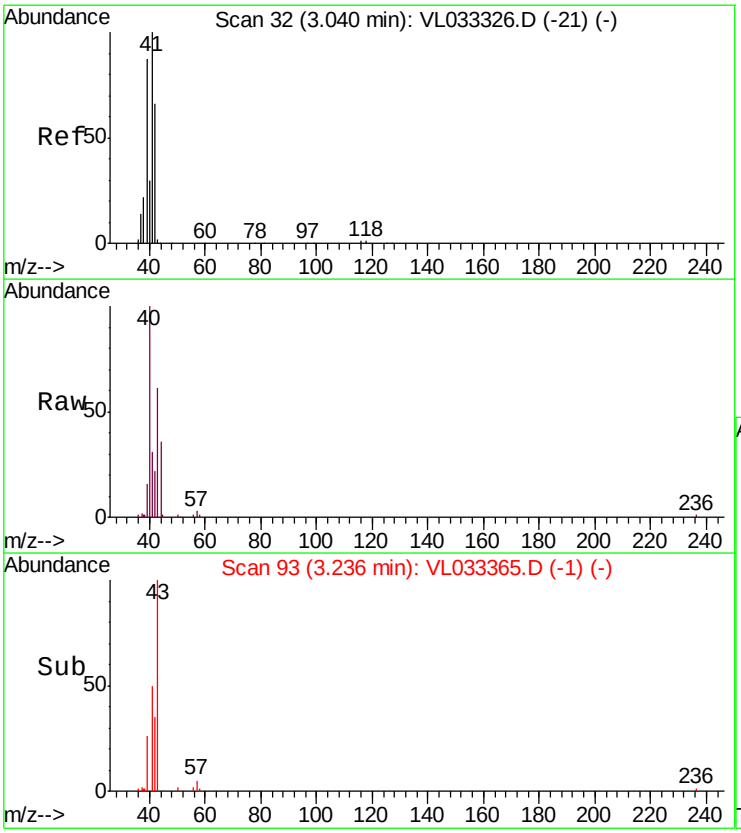
#4
Chloromethane
Concen: 0.047 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 50 Resp: 2268

Ion	Ratio	Lower	Upper
50	100		
52	27.4	25.0	37.6

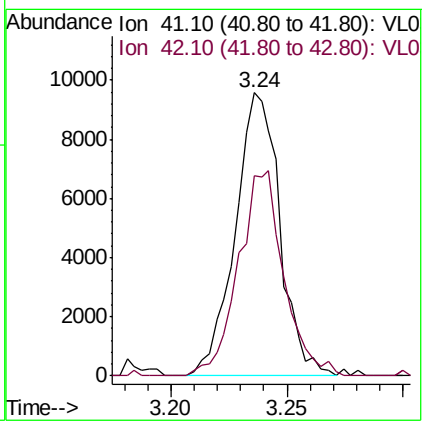


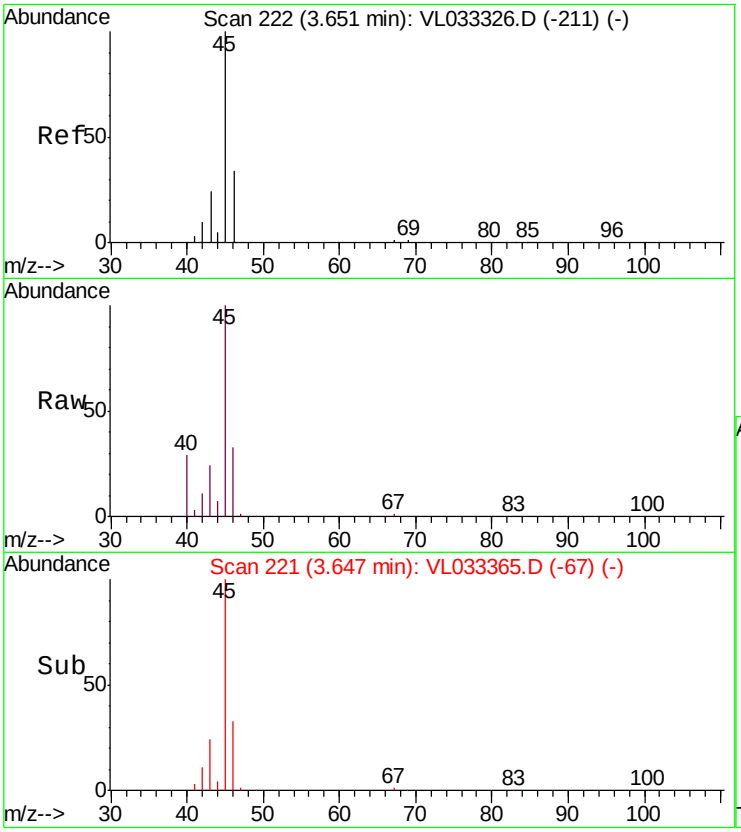


#9
Propene
Concen: 0.324 ppbv
RT: 3.24 min Scan# 93
Delta R.T. 0.20 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 41 Resp: 12826

Ion	Ratio	Lower	Upper
41	100		
42	73.6	55.2	82.8



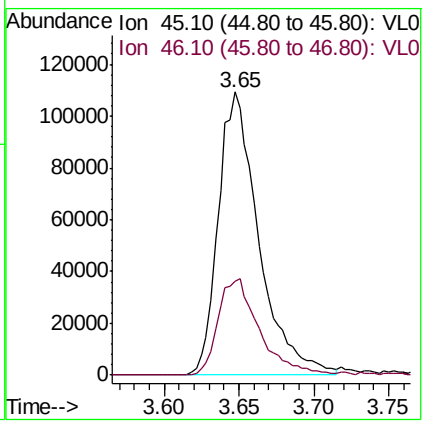


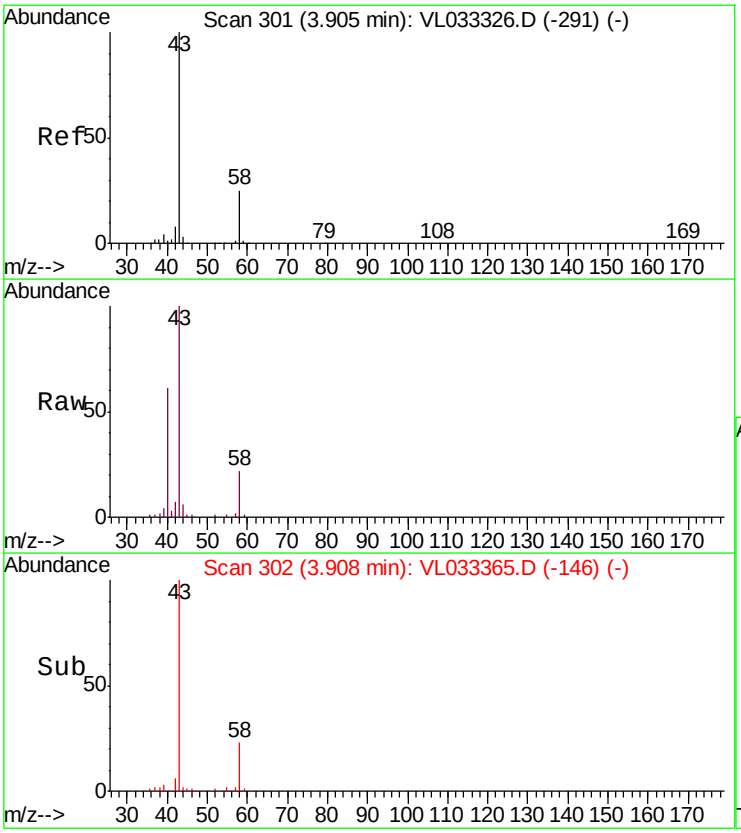
#13
Ethanol
Concen: 10.918 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 45 Resp: 205783

Ion	Ratio	Lower	Upper
45	100		
46	35.7	14.9	59.7

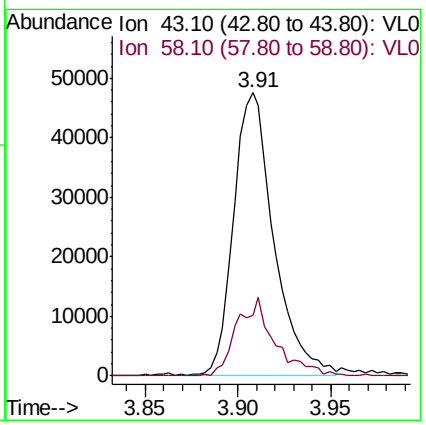


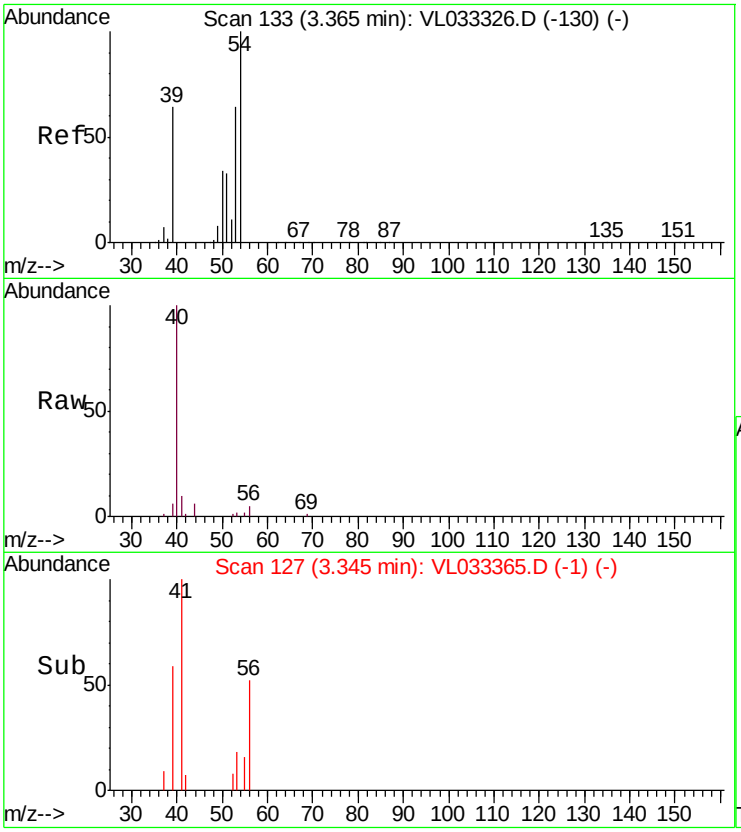


#15
Acetone
Concen: 0.594 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 43 Resp: 71213

Ion	Ratio	Lower	Upper
43	100		
58	26.5	20.4	30.6



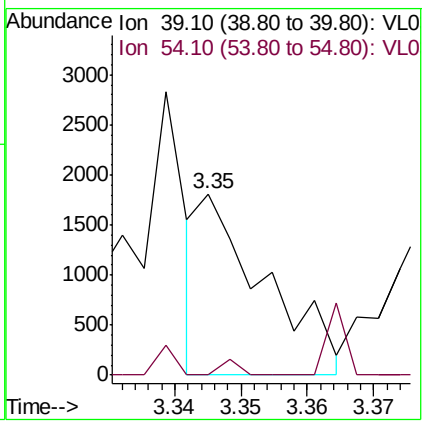


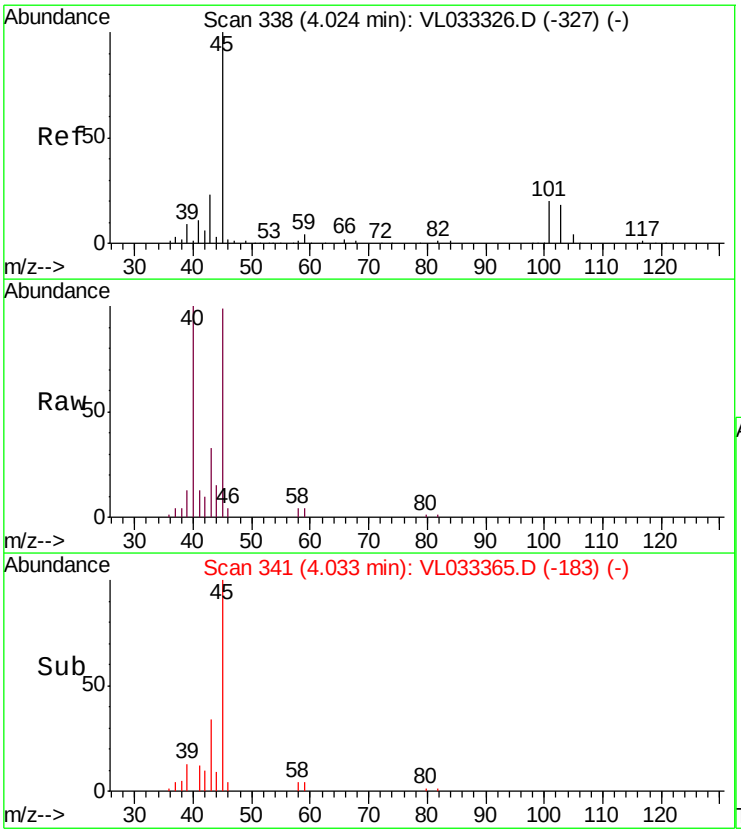
#16
1,3-Butadiene
Concen: 0.032 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.02 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 39 Resp: 1239

Ion	Ratio	Lower	Upper
39	100		
54	13.7	76.8	115.2#

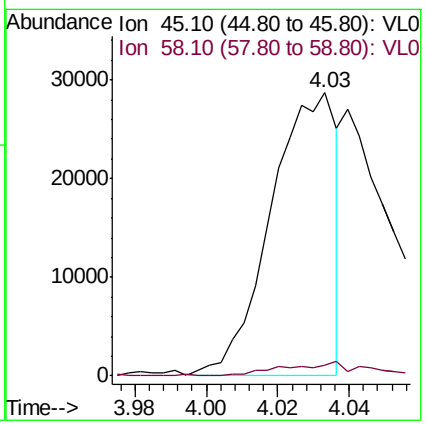


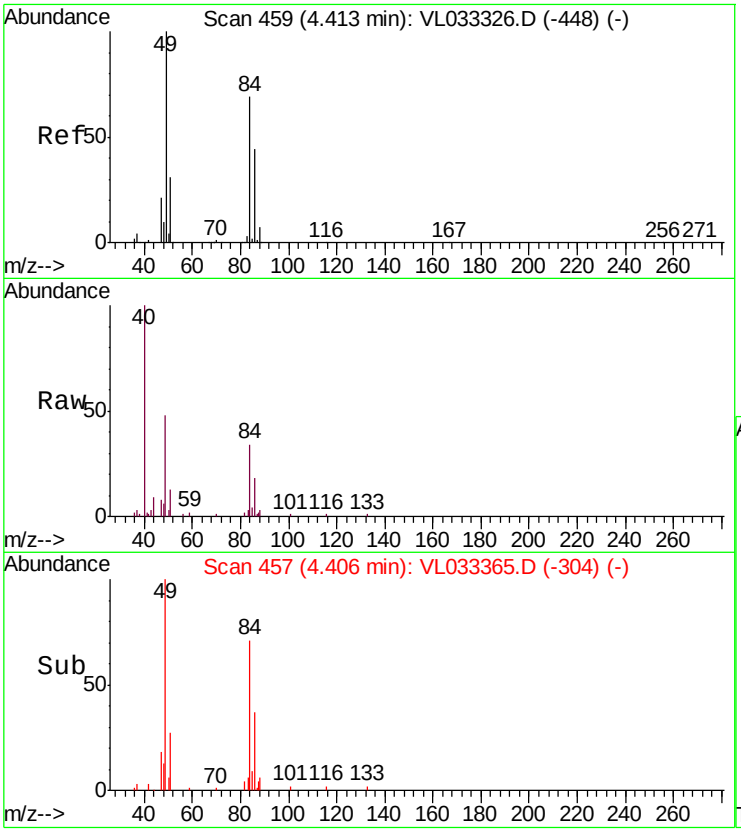


#19
Isopropyl Alcohol
Concen: 0.640 ppbv
RT: 4.03 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 45 Resp: 36539

Ion	Ratio	Lower	Upper
45	100		
58	7.3	1.5	2.3#



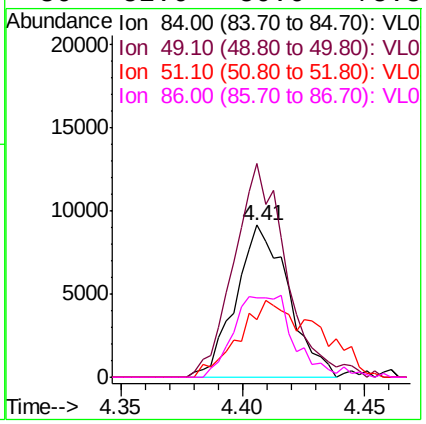


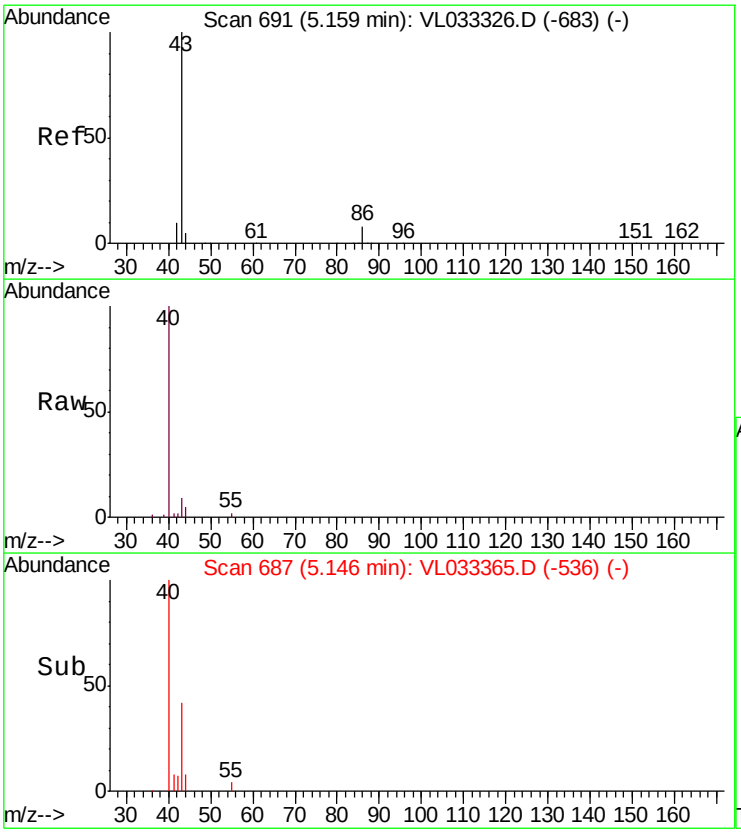
#20
Methylene Chloride
Concen: 0.349 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 84 Resp: 13666

Ion	Ratio	Lower	Upper
84	100		
49	140.4	115.4	173.0
51	38.3	35.8	53.6
86	52.6	50.6	75.8

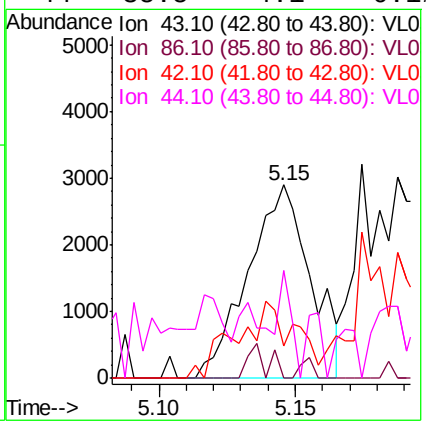


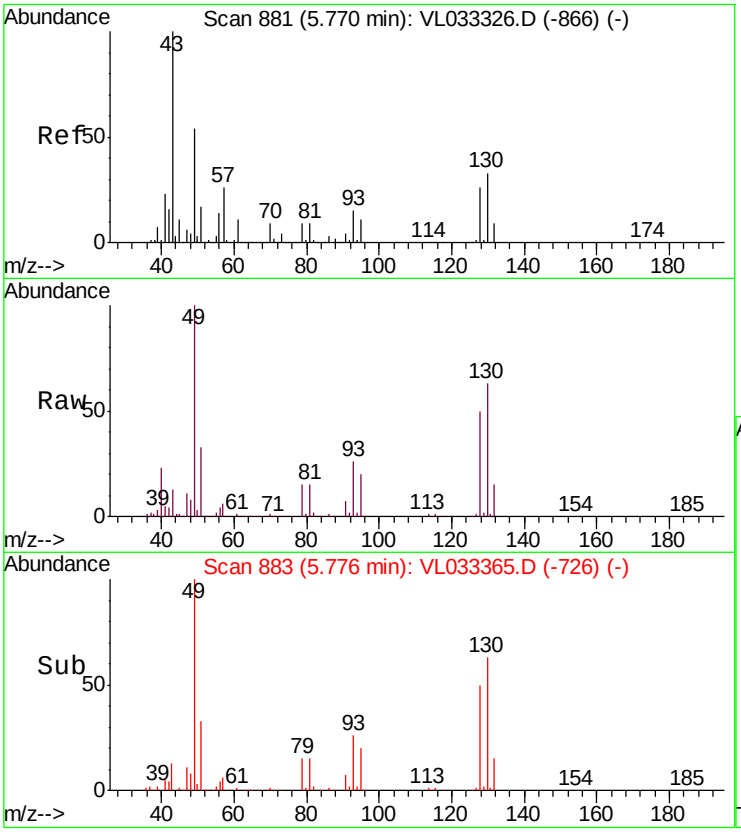


#23
Vinyl Acetate
Concen: 0.033 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 43 Resp: 4622

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.2#
42	16.8	8.1	12.1#
44	35.5	4.1	6.1#



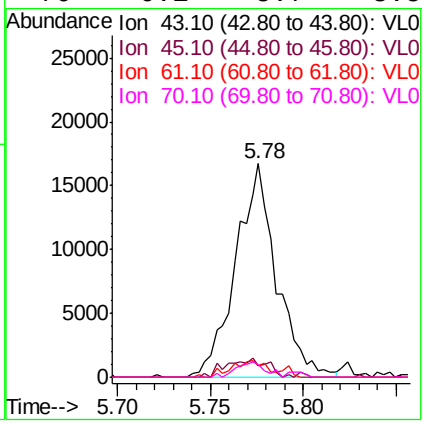


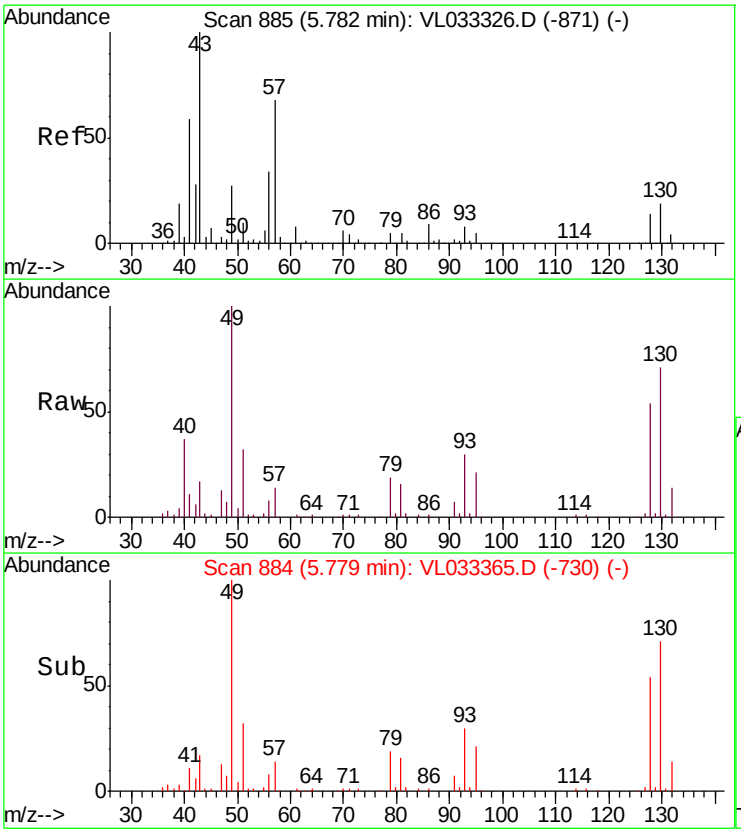
#25
Ethyl Acetate
Concen: 0.147 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 43 Resp: 25554

Ion	Ratio	Lower	Upper
43	100		
45	9.3	7.9	11.9
61	8.0	7.4	11.2
70	6.1	5.7	8.5

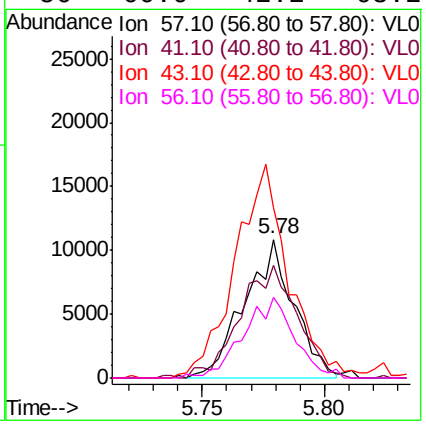


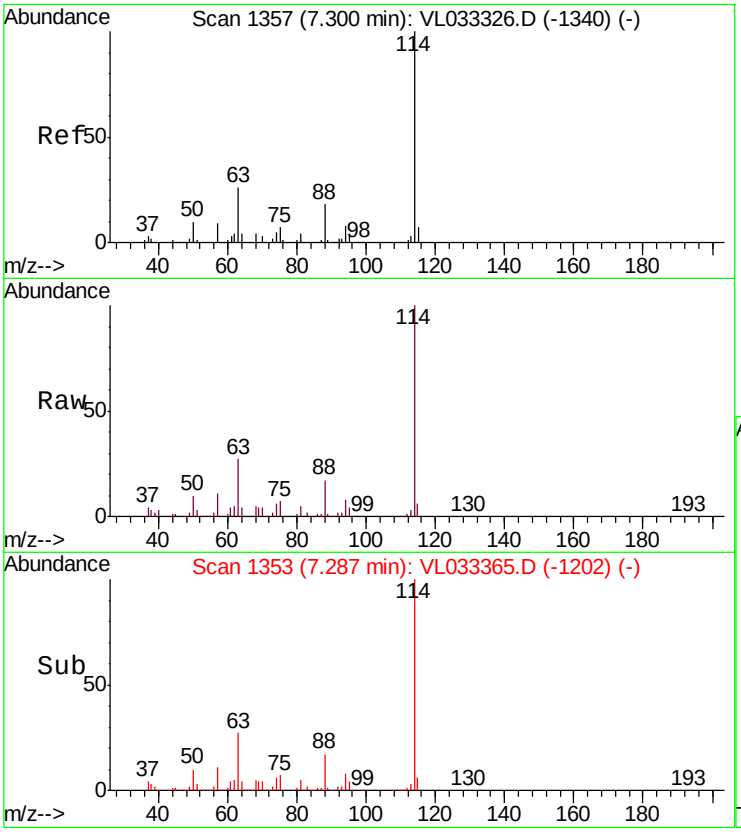


#26
Hexane
Concen: 0.195 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 57 Resp: 15191

Ion	Ratio	Lower	Upper
57	100		
41	94.9	70.5	105.7
43	175.6	181.8	272.8#
56	60.0	42.2	63.2



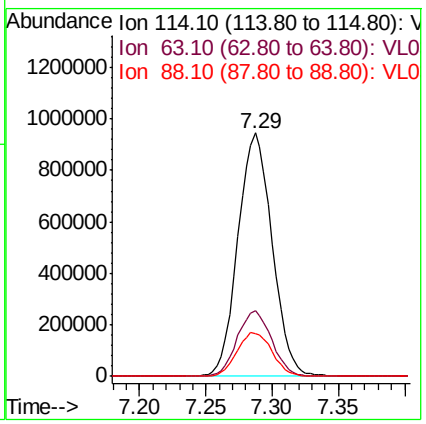


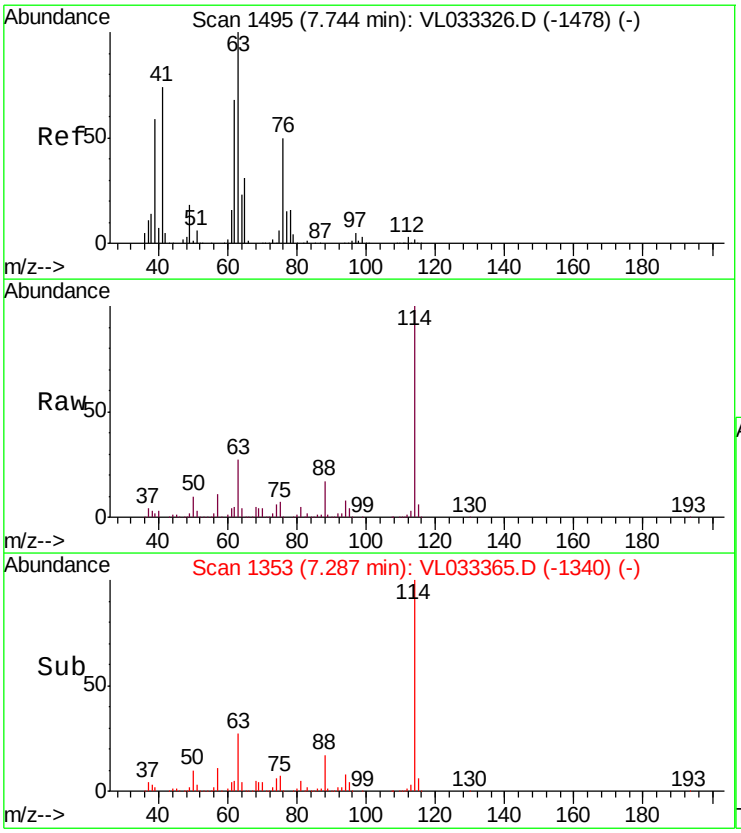
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion:114 Resp: 1698510

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.4	32.2
88	18.5	14.5	21.7

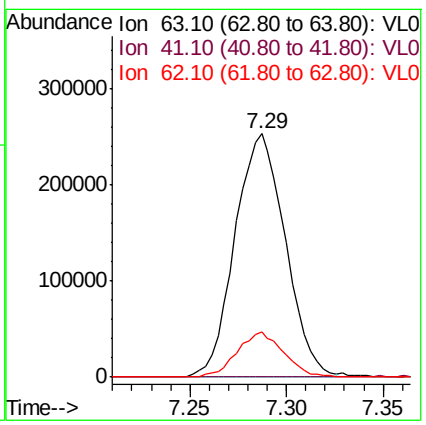


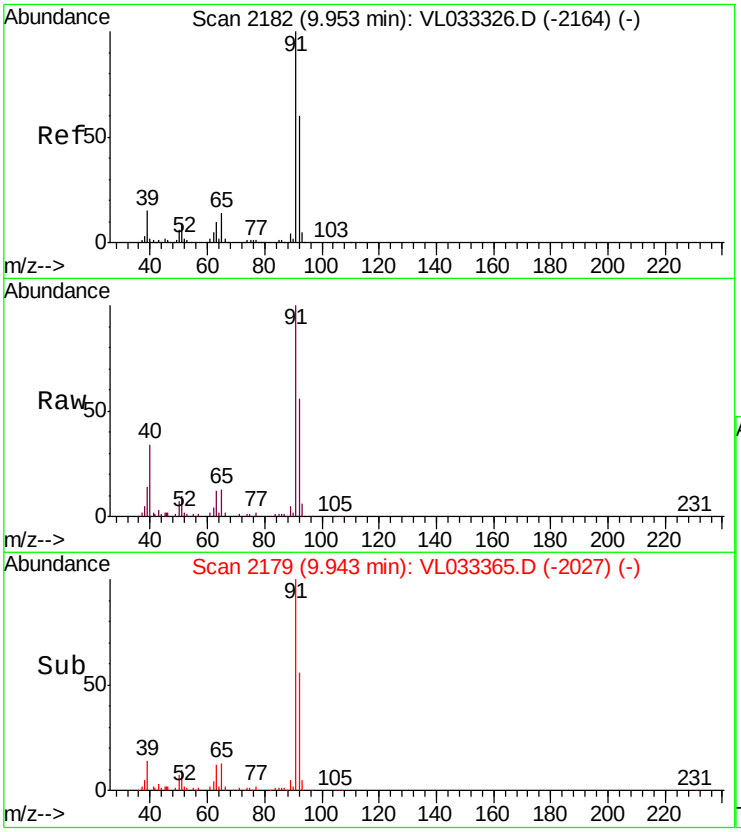


#39
1,2-Dichloropropane
Concen: 7.998 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.46 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 63 Resp: 455292

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	18.6	54.7	82.1#



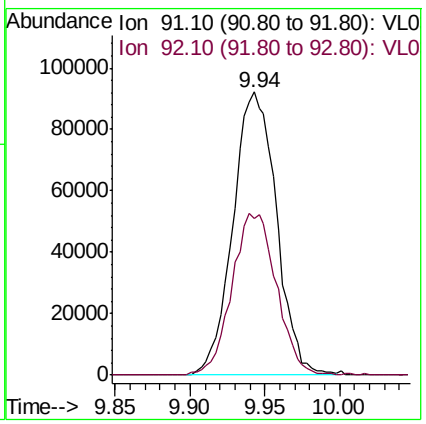


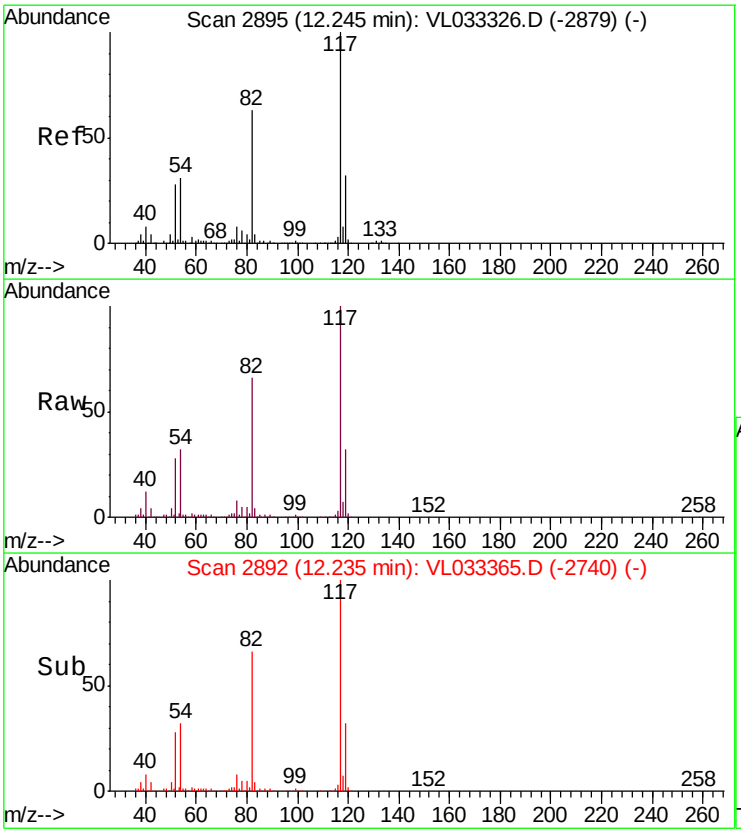
#53
Toluene
Concen: 1.079 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 91 Resp: 186335

Ion	Ratio	Lower	Upper
91	100		
92	58.8	47.4	71.0

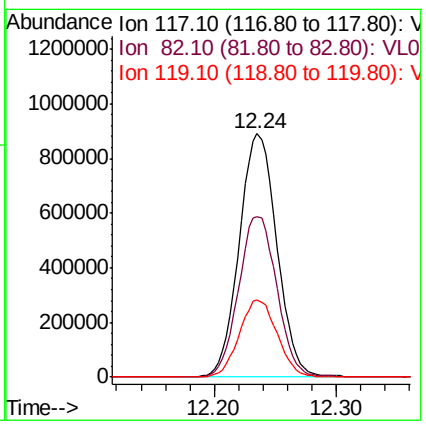


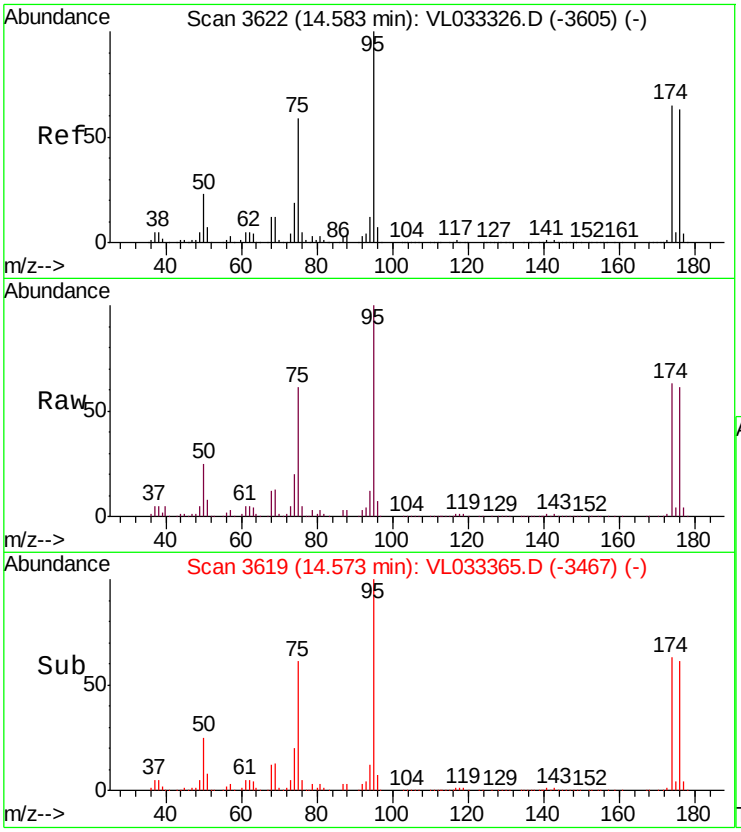


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Tgt Ion:117 Resp: 1892619

Ion	Ratio	Lower	Upper
117	100		
82	67.6	53.4	80.2
119	32.1	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.174 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033365.D
Acq: 18 Mar 2019 19:23

Instrument :
MSVOA_L
ClientSampleId :
A-8DL

Tgt Ion: 95 Resp: 1426881

Ion	Ratio	Lower	Upper
95	100		
174	65.1	51.5	77.3
175	4.6	3.8	5.6