Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

Quantitation Report (Not Reviewed)

Data File : VL033576.D
Acq On : 10 Apr 2019 22:56
Operator : SY/AP
Sample : K2312-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-6DL

Quant Time: Apr 11 03:47:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	876330	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2022161	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2135284	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1698671	10.15	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	4754	0.037	ppbv		88
3) Chlorodifluoromethane	2.99	51	49439	0.490	ppbv	#	60
4) Chloromethane	3.17	50	2793	0.052	ppbv		97
9) Propene	3.05	41	3559	0.084	ppbv		100
10) Heptane	8.25	43	43626	0.385	ppbv		98
13) Ethanol	3.65	45	130005	11.858	ppbv		64
15) Acetone	3.91	43	63033	0.598	ppbv		93
17) tert-Butyl alcohol	4.38	59	1354	0.070	ppbv	#	73
19) Isopropyl Alcohol	4.04	45	63980	0.960	ppbv	#	92
20) Methylene Chloride	4.41	84	36196	0.809	ppbv	#	83
25) Ethyl Acetate	5.78	43	29638	0.152	ppbv	#	82
26) Hexane	5.78	57	31010	0.357	ppbv	#	45
39) 1,2-Dichloropropane	7.29	63	531896	8.003	ppbv	#	24

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

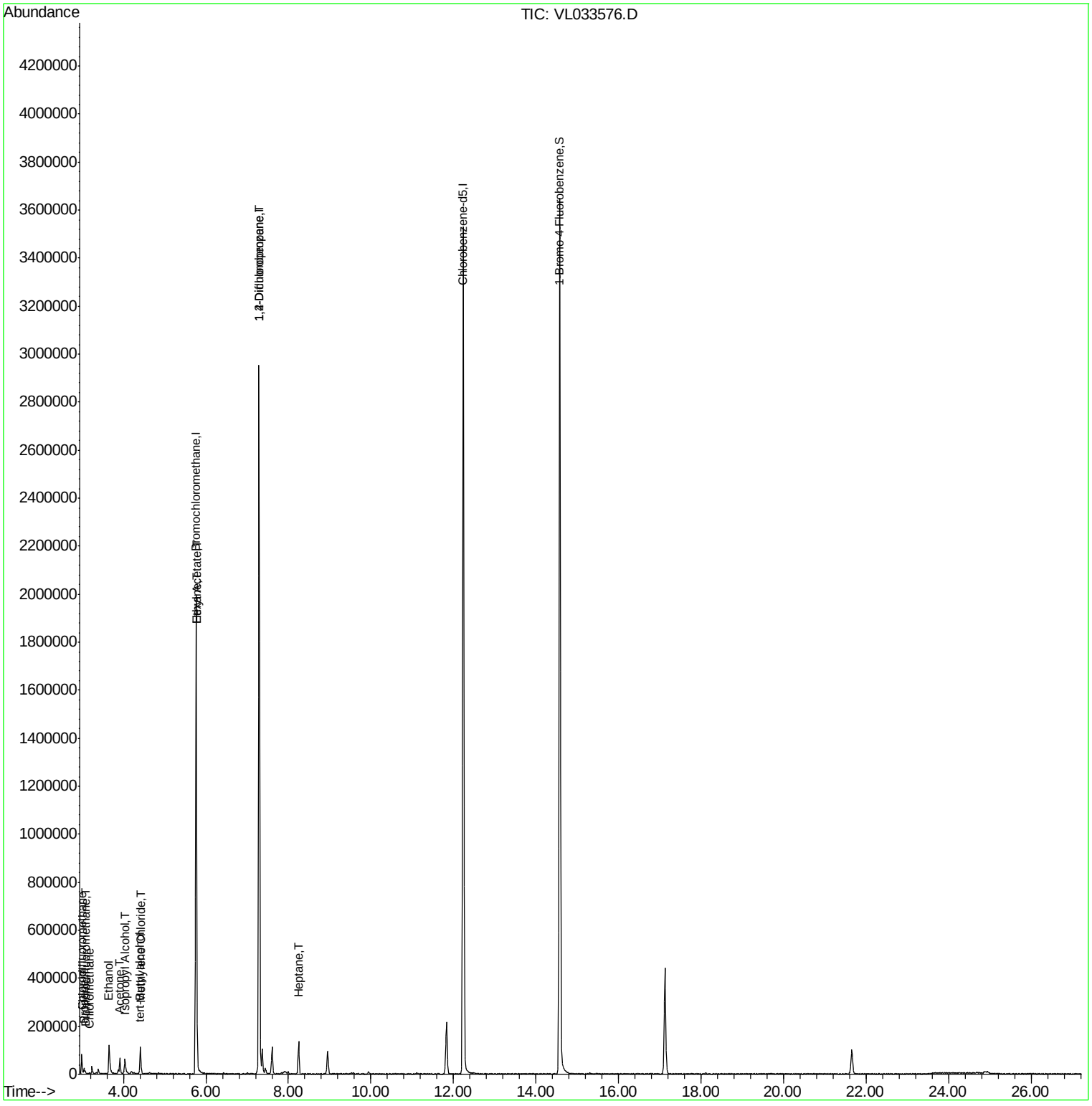
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

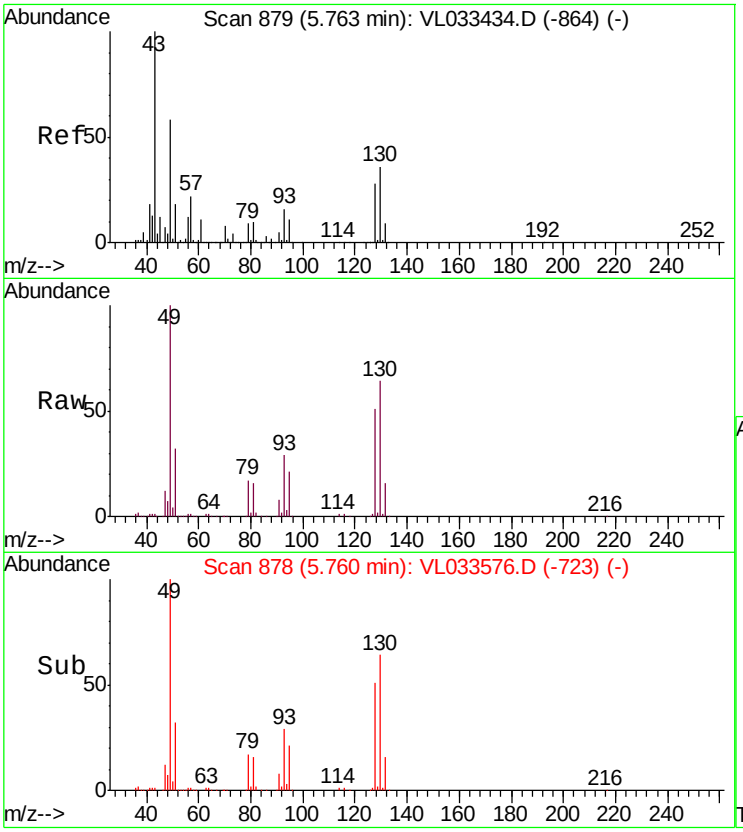
Quantitation Report (Not Reviewed)

Data File : VL033576.D
Acq On : 10 Apr 2019 22:56
Operator : SY/AP
Sample : K2312-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-6DL

Quant Time: Apr 11 03:47:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



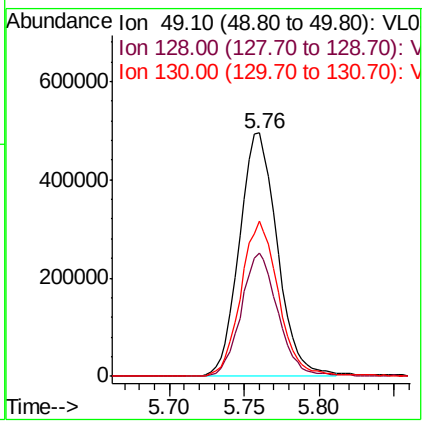


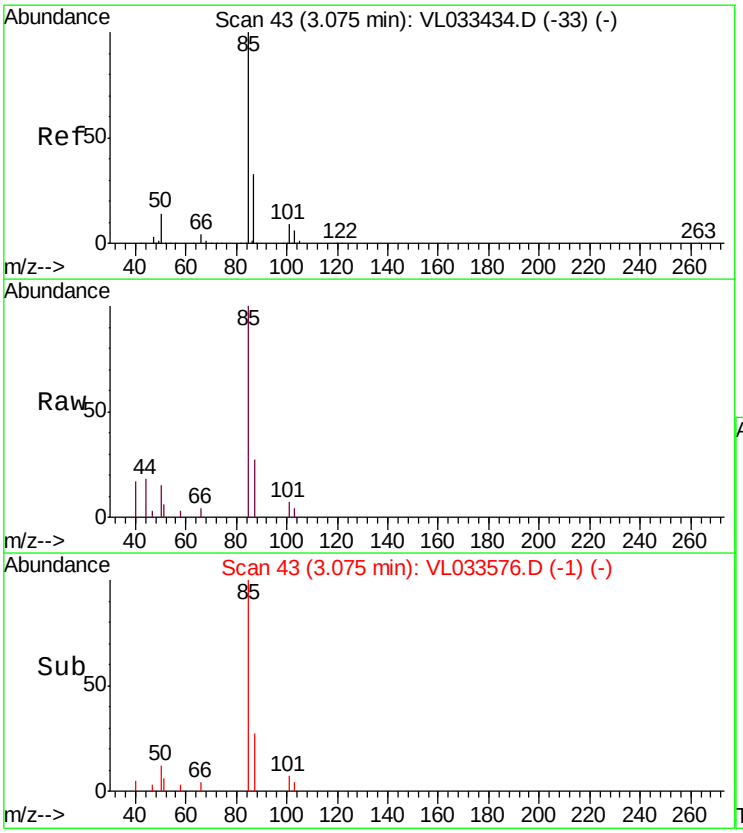
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tgt Ion: 49 Resp: 876330

Ion	Ratio	Lower	Upper
49	100		
128	49.4	24.0	72.0
130	63.5	31.2	93.6

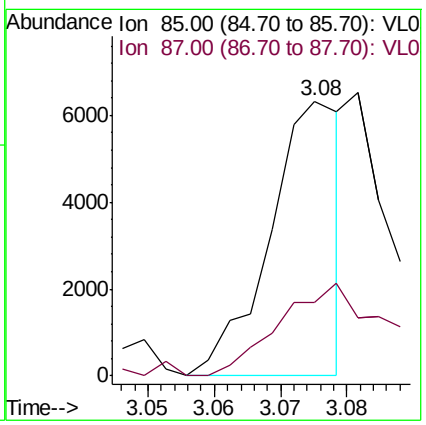


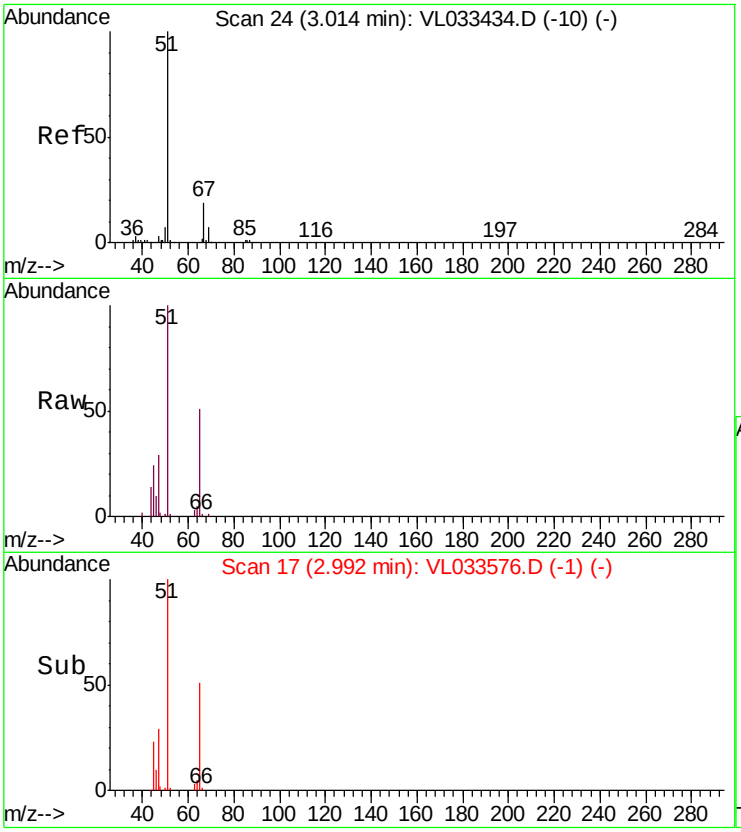


#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion: 85 Resp: 4754

Ion	Ratio	Lower	Upper
85	100		
87	26.8	26.7	40.1



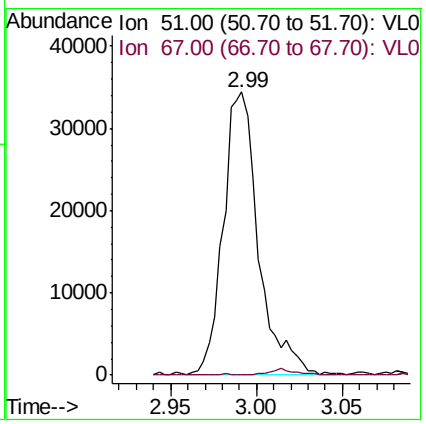


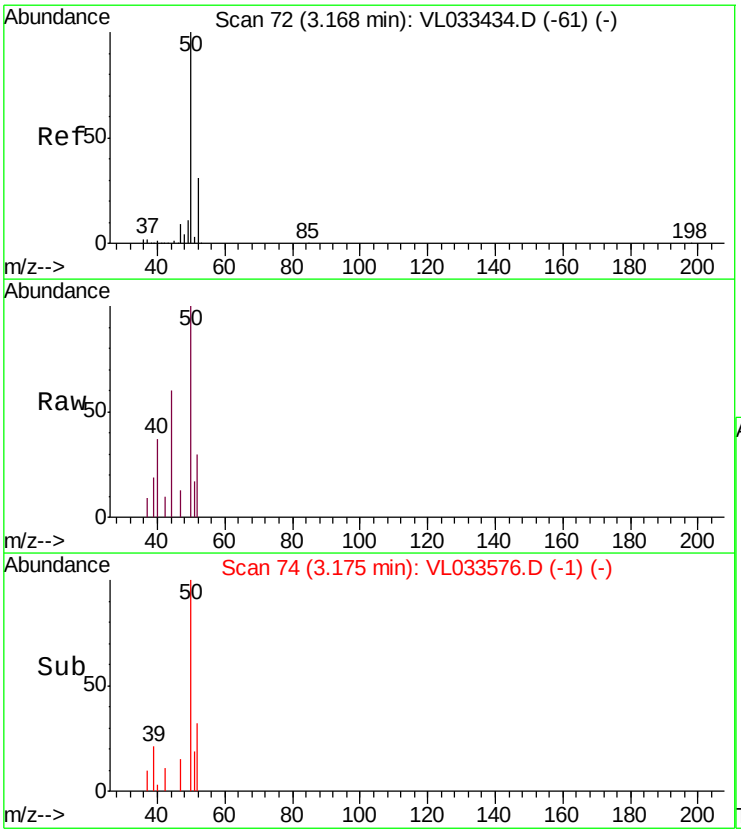
#3
Chlorodifluoromethane
Concen: 0.490 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.02 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument : MSVOA_L
ClientSampleId : A-6DL

Tgt Ion: 51 Resp: 49439

Ion	Ratio	Lower	Upper
51	100		
67	1.5	15.7	23.5#

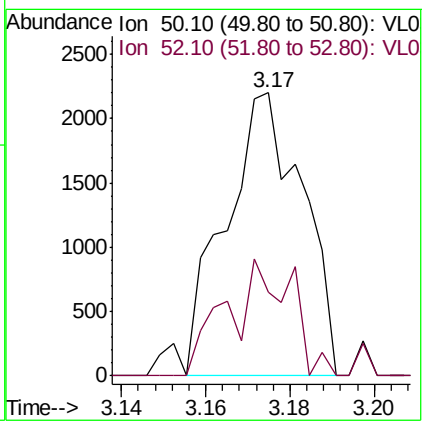


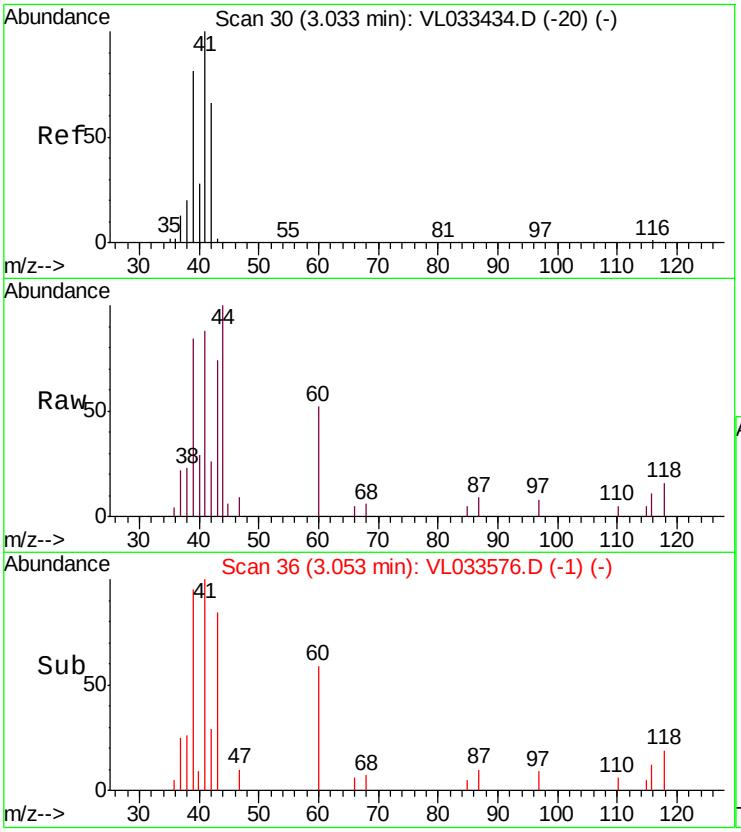


#4
Chloromethane
Concen: 0.052 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion: 50 Resp: 2793

Ion	Ratio	Lower	Upper
50	100		
52	29.5	25.0	37.6

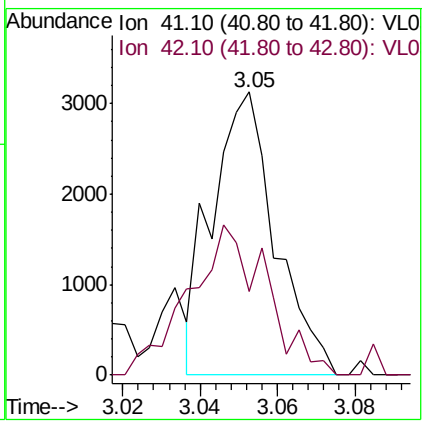




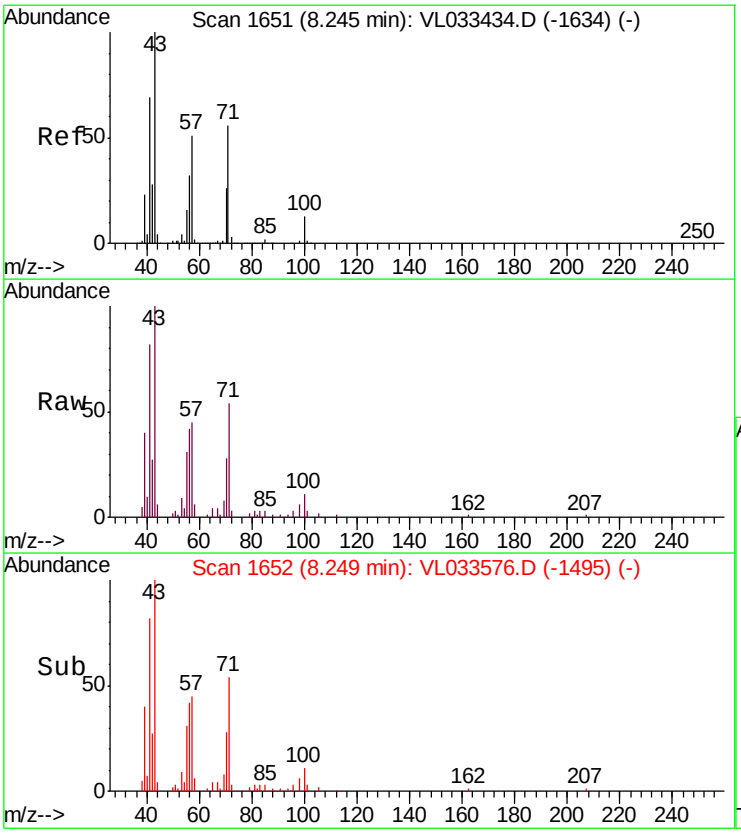
#9
Propene
Concen: 0.084 ppbv
RT: 3.05 min Scan# 36
Delta R.T. 0.02 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion: 41 Resp: 3559

Ion	Ratio	Lower	Upper
41	100		
42	67.2	53.9	80.9



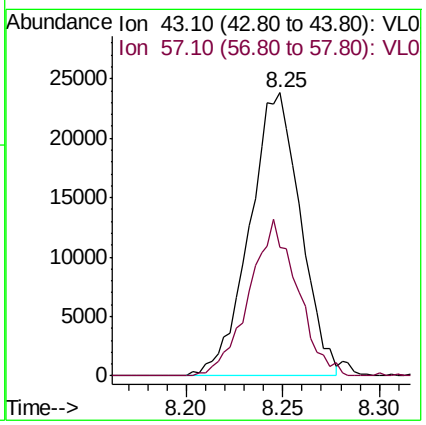
Instrument :
MSVOA_L
ClientSampleId :
A-6DL

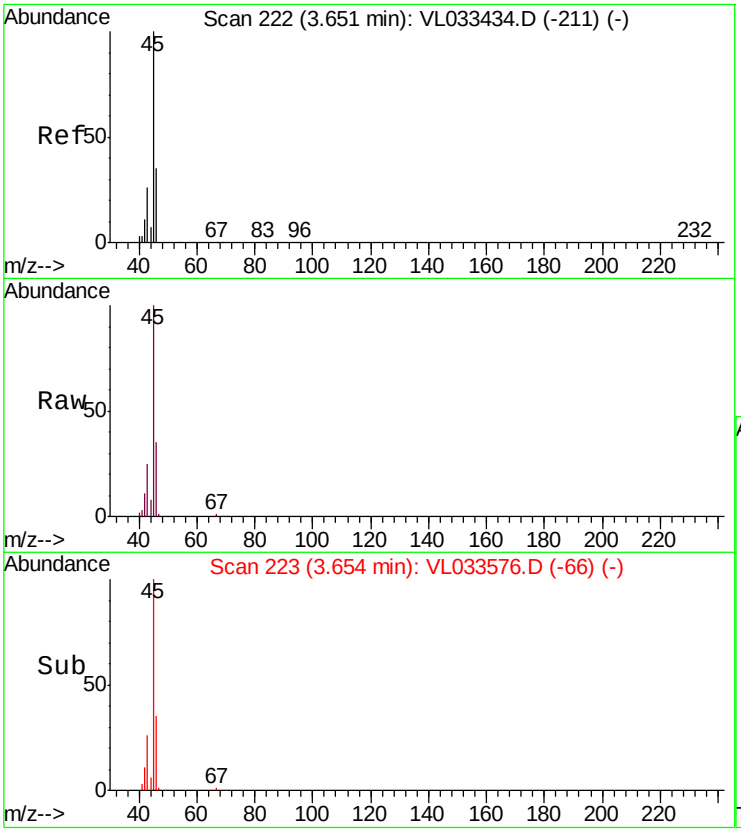


#10
Heptane
Concen: 0.385 ppbv
RT: 8.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion: 43 Resp: 43626

Ion	Ratio	Lower	Upper
43	100		
57	52.2	40.6	60.8



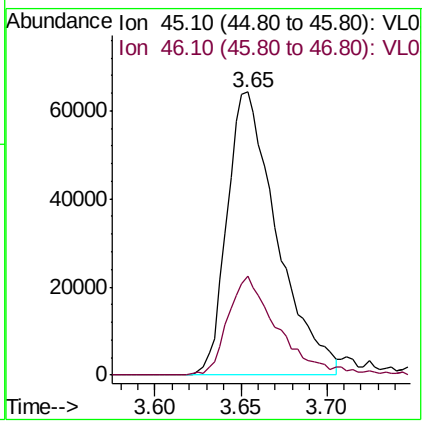


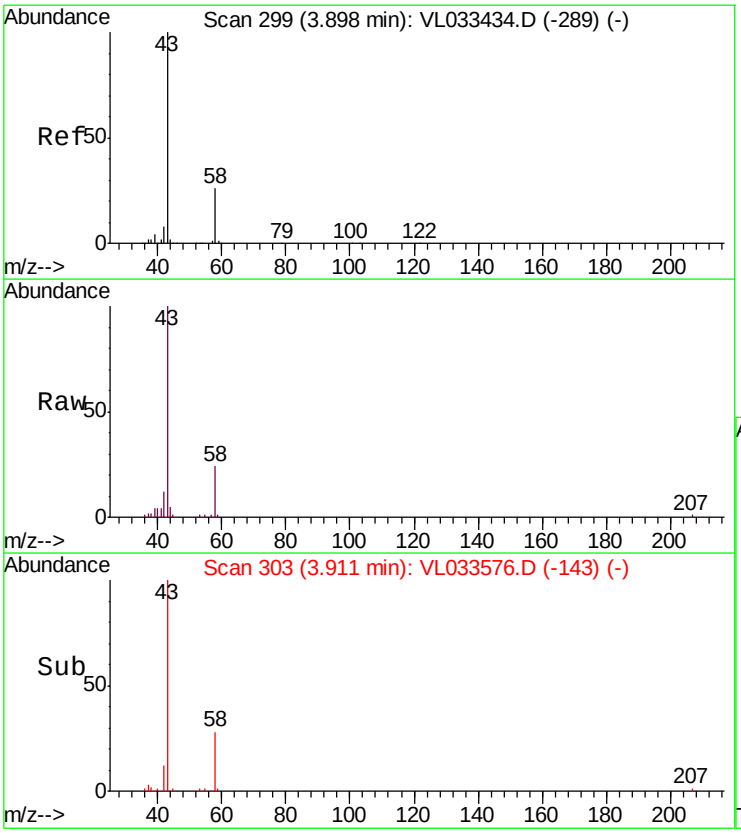
#13
Ethanol
Concen: 11.858 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.00 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tgt Ion: 45 Resp: 130005

Ion	Ratio	Lower	Upper
45	100		
46	35.3	25.4	101.8

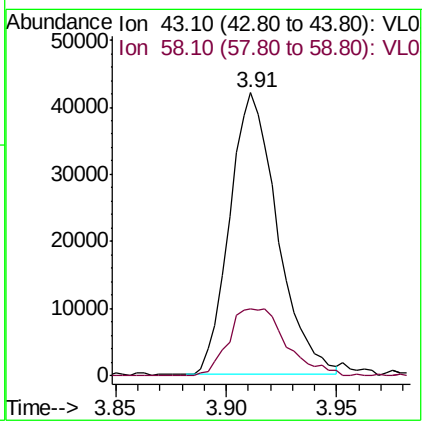


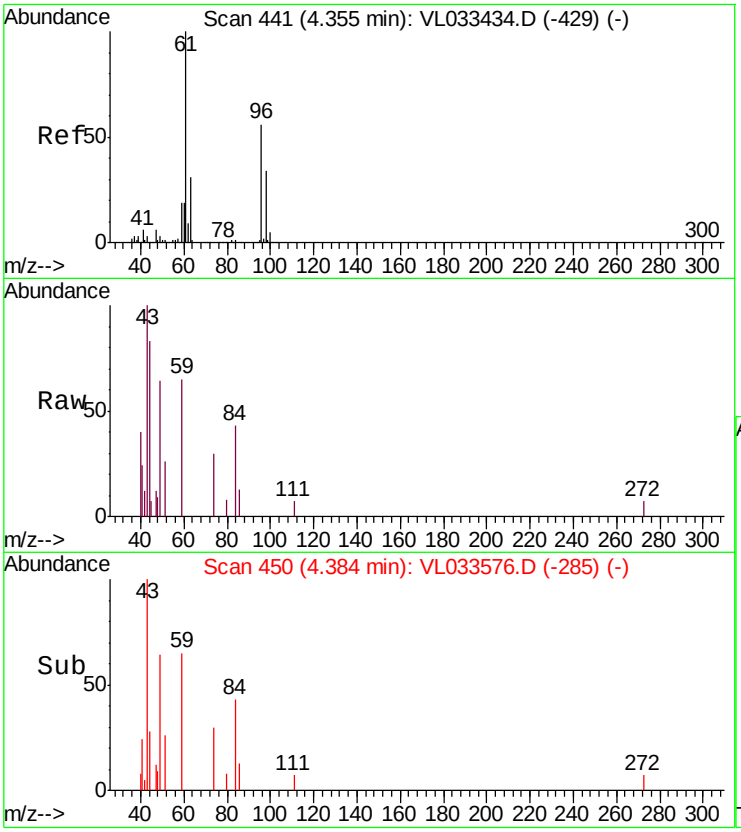


#15
Acetone
Concen: 0.598 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion: 43 Resp: 63033

Ion	Ratio	Lower	Upper
43	100		
58	29.0	20.5	30.7



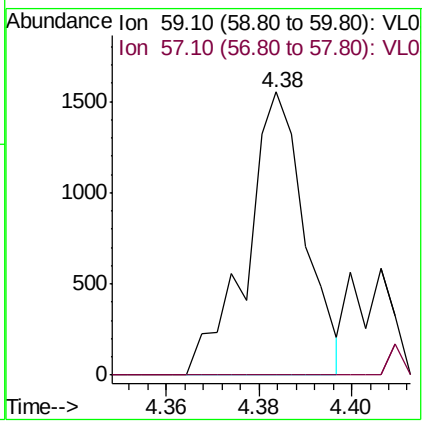


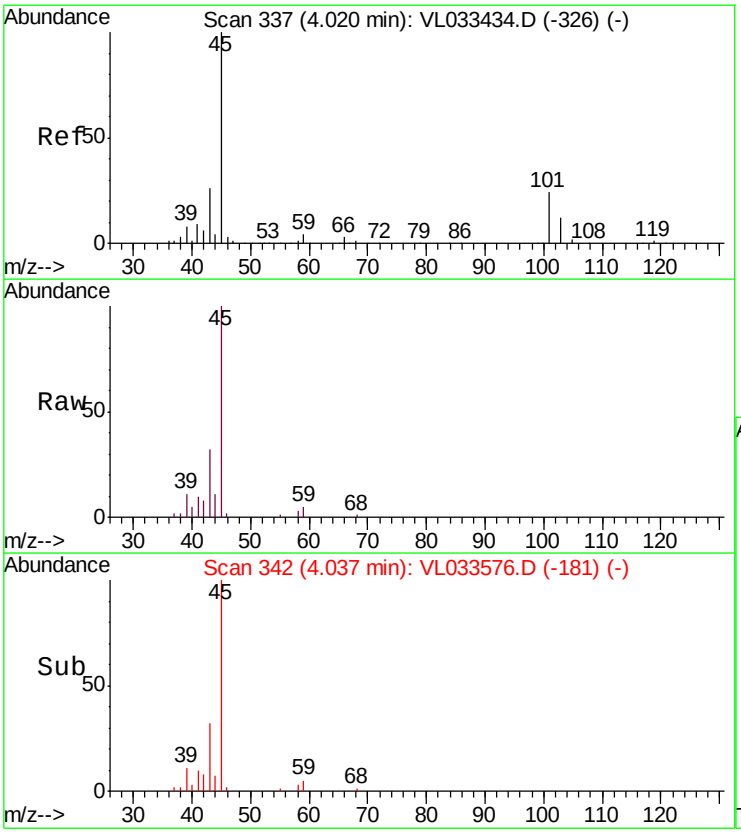
#17
tert-Butyl alcohol
Concen: 0.070 ppbv
RT: 4.38 min Scan# 450
Delta R.T. 0.03 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tgt Ion: 59 Resp: 1354

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

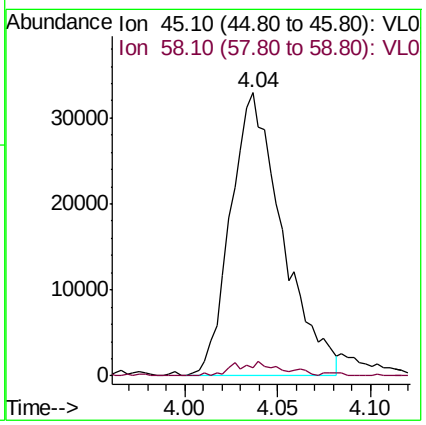


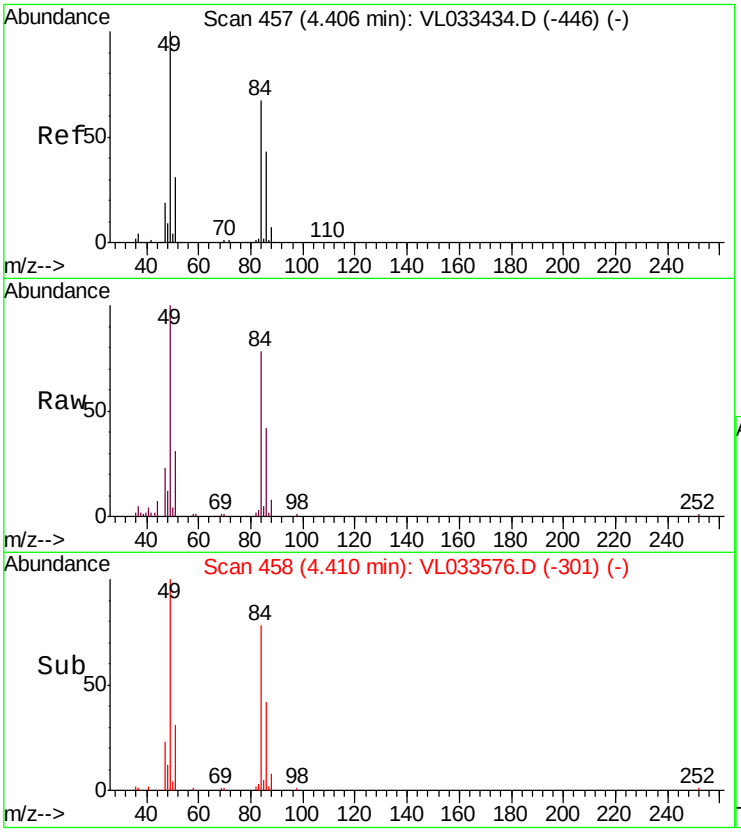


#19
Isopropyl Alcohol
Concen: 0.960 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion: 45 Resp: 63980

Ion	Ratio	Lower	Upper
45	100		
58	4.8	1.4	2.2#



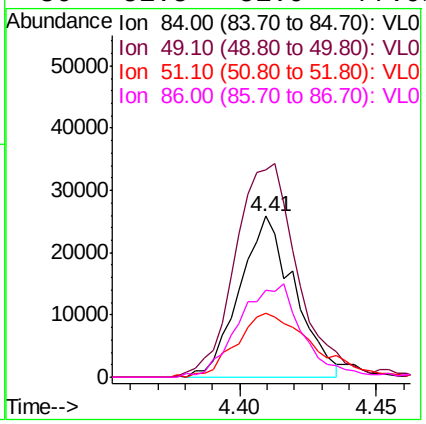


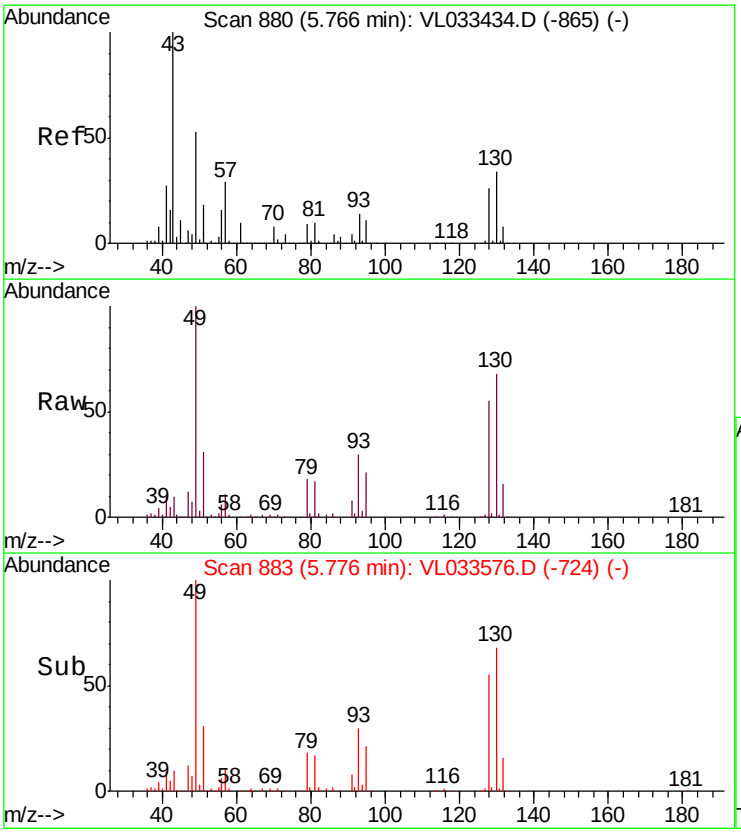
#20
Methylene Chloride
Concen: 0.809 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument : MSVOA_L
ClientSampleId : A-6DL

Tgt Ion: 84 Resp: 36196

Ion	Ratio	Lower	Upper
84	100		
49	126.0	120.0	180.0
51	39.9	36.7	55.1
86	51.5	51.9	77.9#

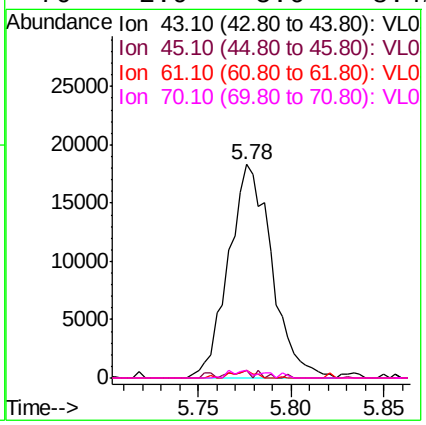


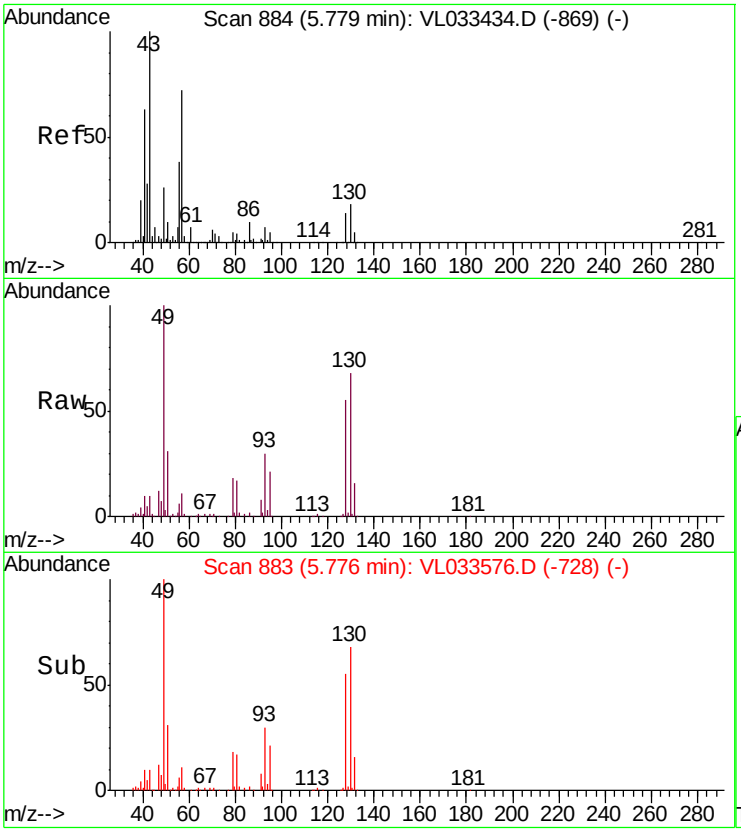


#25
Ethyl Acetate
Concen: 0.152 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion: 43 Resp: 29638

Ion	Ratio	Lower	Upper
43	100		
45	2.5	7.8	11.6#
61	2.0	7.3	10.9#
70	2.9	5.6	8.4#



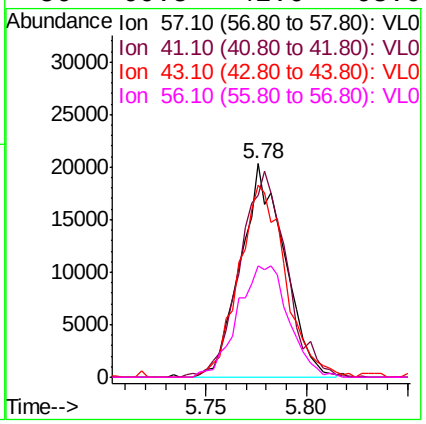


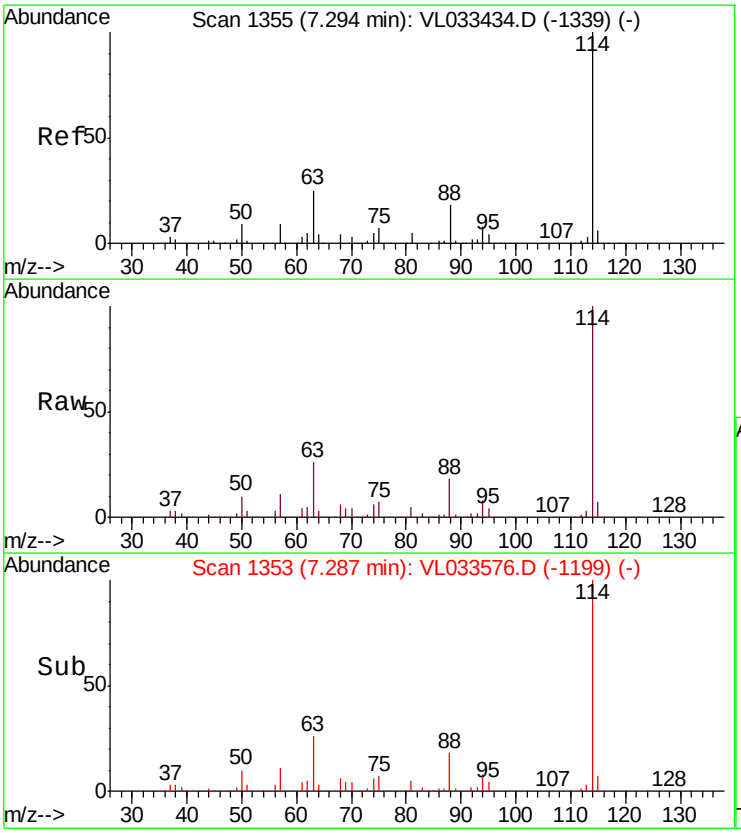
#26
Hexane
Concen: 0.357 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tgt Ion: 57 Resp: 31010

Ion	Ratio	Lower	Upper
57	100		
41	102.0	70.7	106.1
43	96.5	182.6	274.0#
56	60.5	42.0	63.0

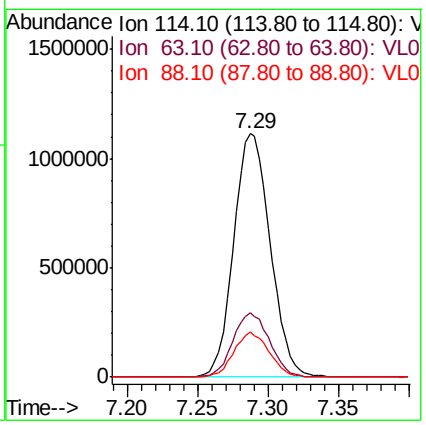


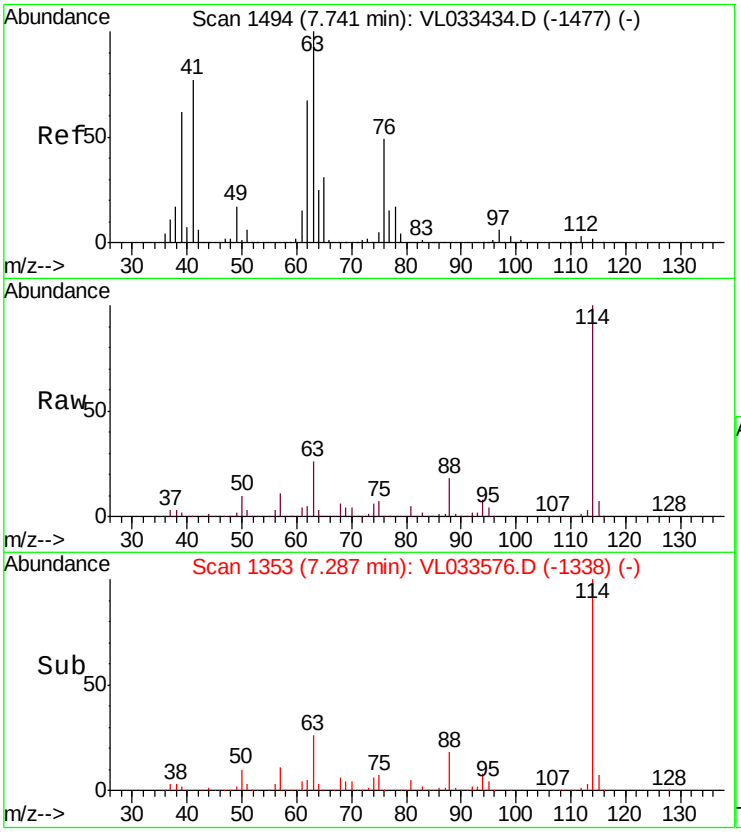


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion:114 Resp: 2022161

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.5	32.3
88	18.0	14.5	21.7



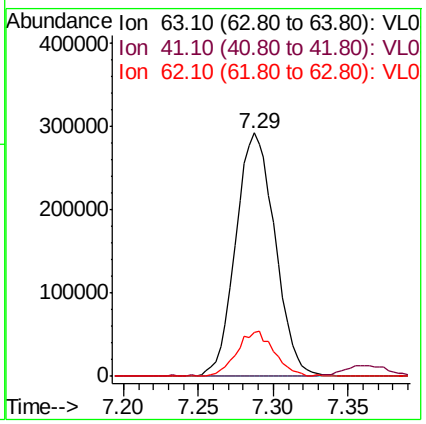


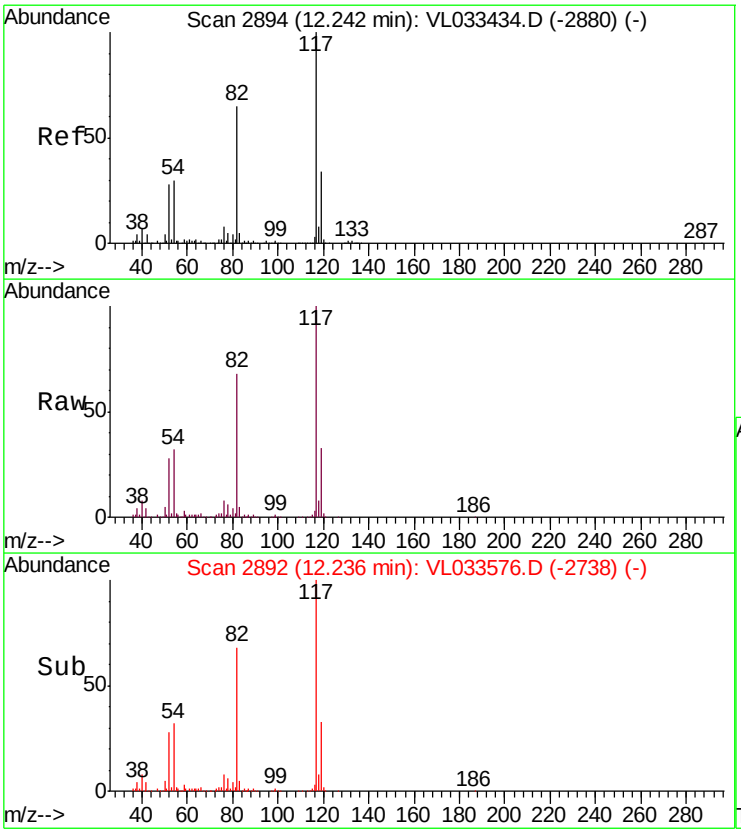
#39
1,2-Dichloropropane
Concen: 8.003 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument : MSVOA_L
ClientSampleId : A-6DL

Tgt Ion: 63 Resp: 531896

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	18.1	54.0	81.0#

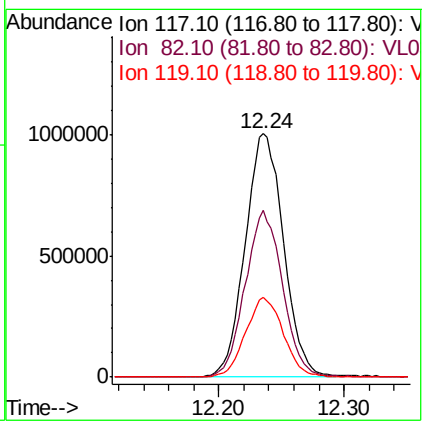


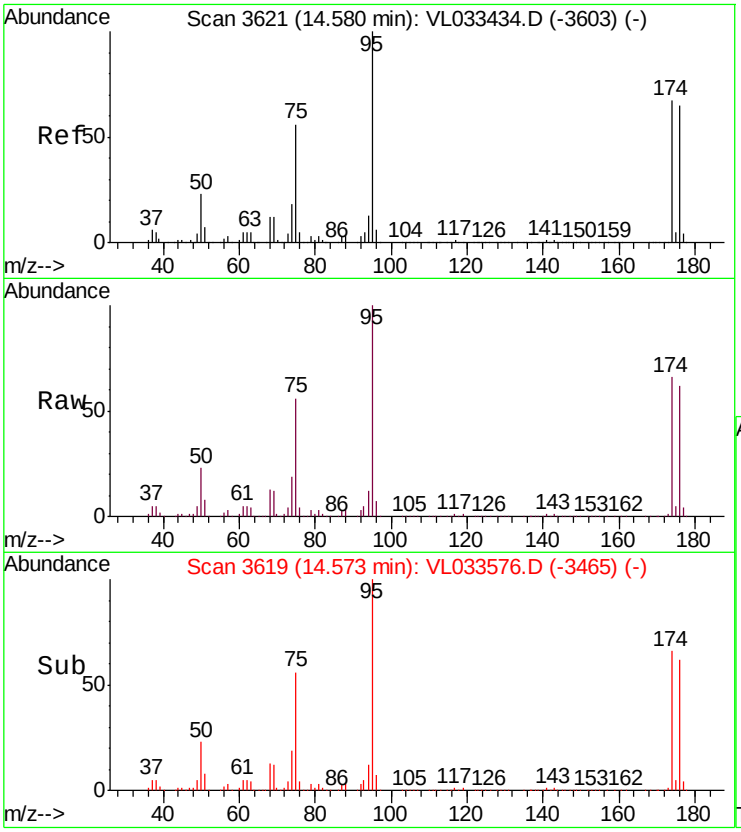


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Tgt Ion:117 Resp: 2135284

Ion	Ratio	Lower	Upper
117	100		
82	67.4	51.5	77.3
119	32.3	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.147 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033576.D
Acq: 10 Apr 2019 22:56

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tgt Ion: 95 Resp: 1698671

Ion	Ratio	Lower	Upper
95	100		
174	66.9	52.9	79.3
175	4.8	3.8	5.6