Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033543.D
Acq On : 4 Apr 2019 21:36
Operator : SY/AP
Sample : K2096-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-4DL

Quant Time: Apr 05 01:59:57 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	1211767	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2730156	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2727129	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	2141682	10.02	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	14469	0.082	ppbv		97
3) Chlorodifluoromethane	2.99	51	18580	0.133	ppbv	#	72
4) Chloromethane	3.17	50	3890	0.053	ppbv	#	82
13) Ethanol	3.65	45	194121	12.804	ppbv		65
15) Acetone	3.90	43	107483	0.738	ppbv		96
16) 1,3-Butadiene	3.34	39	3321	0.057	ppbv	#	6
19) Isopropyl Alcohol	4.04	45	44384	0.482	ppbv	#	91
20) Methylene Chloride	4.41	84	38631	0.625	ppbv		88
25) Ethyl Acetate	5.78	43	42279	0.156	ppbv	#	87
26) Hexane	5.78	57	43815	0.365	ppbv	#	47
39) 1,2-Dichloropropane	7.29	63	722314	8.049	ppbv	#	23
53) Toluene	9.94	91	90400	0.340	ppbv		96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033543.D
Acq On : 4 Apr 2019 21:36
Operator : SY/AP
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Misc : 400ml/MSVOA_L
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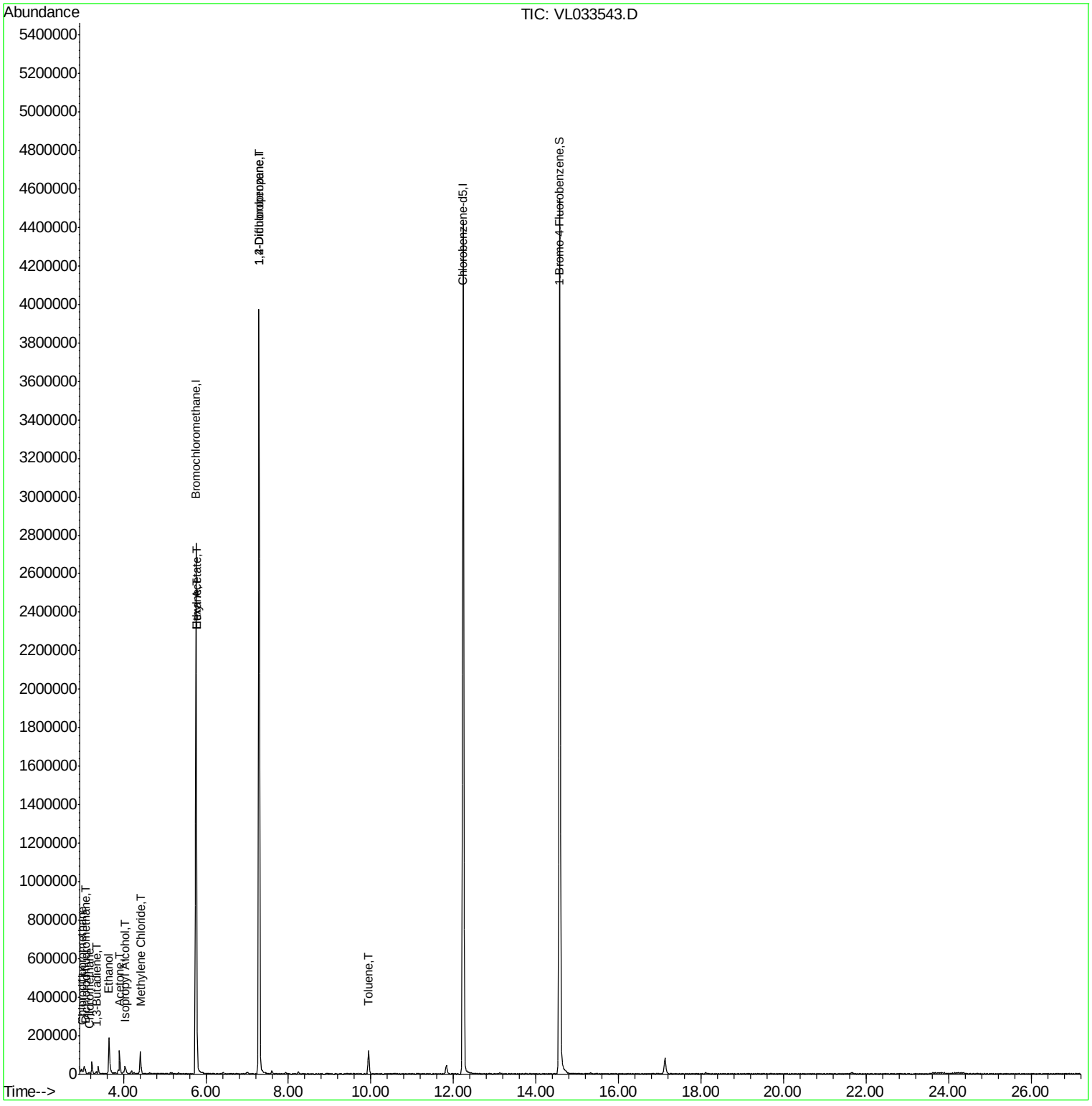
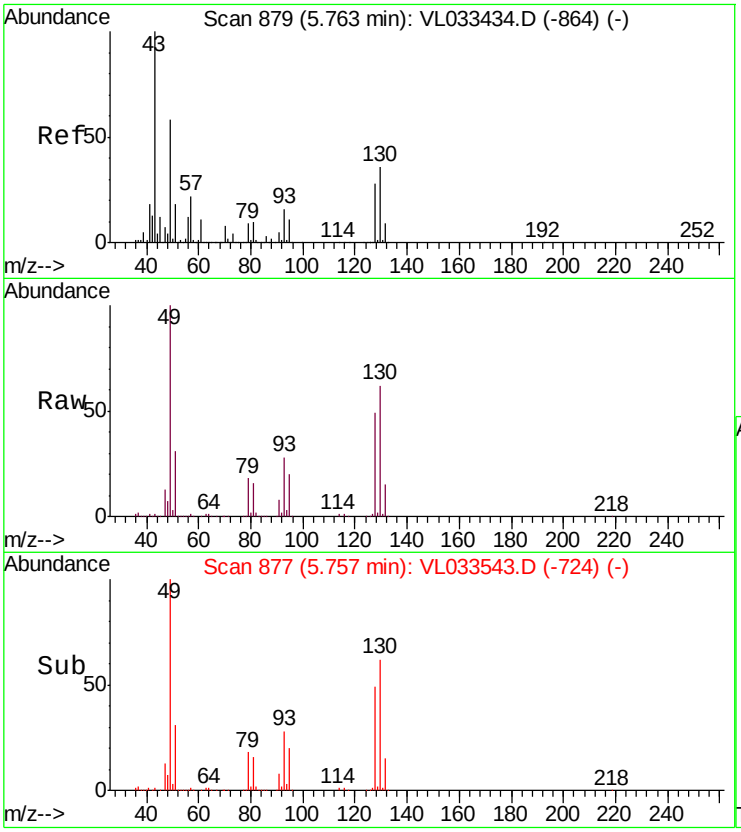
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



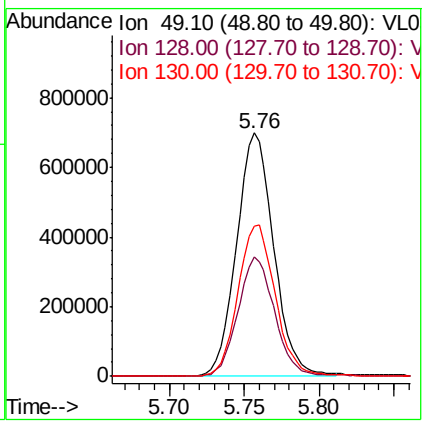


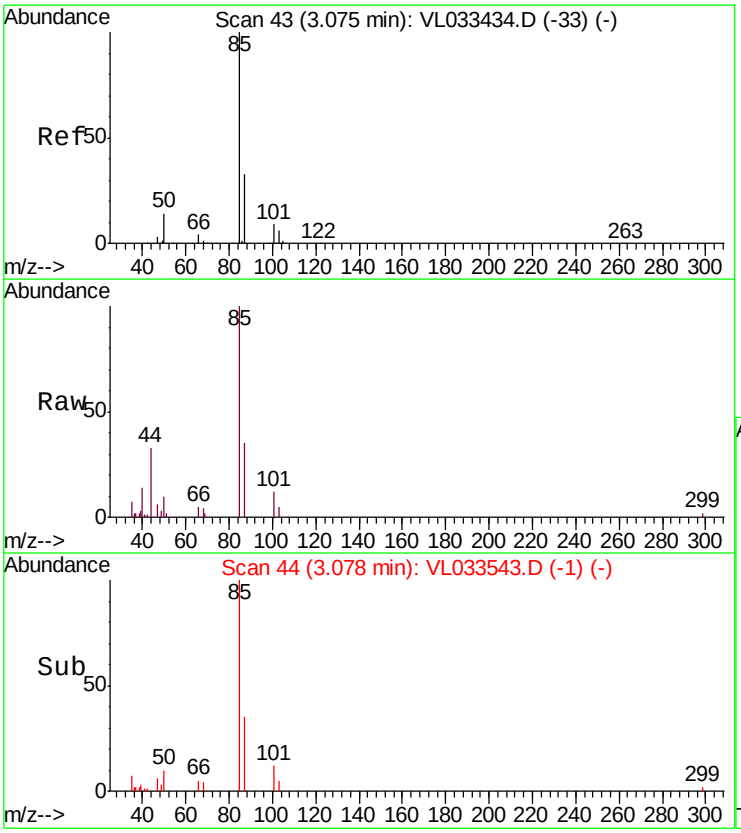
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Tgt Ion: 49 Resp: 1211767

Ion	Ratio	Lower	Upper
49	100		
128	48.7	24.0	72.0
130	62.4	31.2	93.6

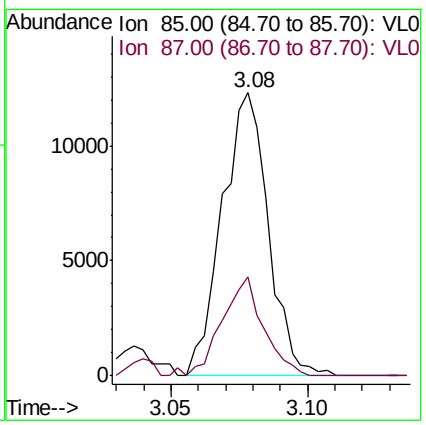


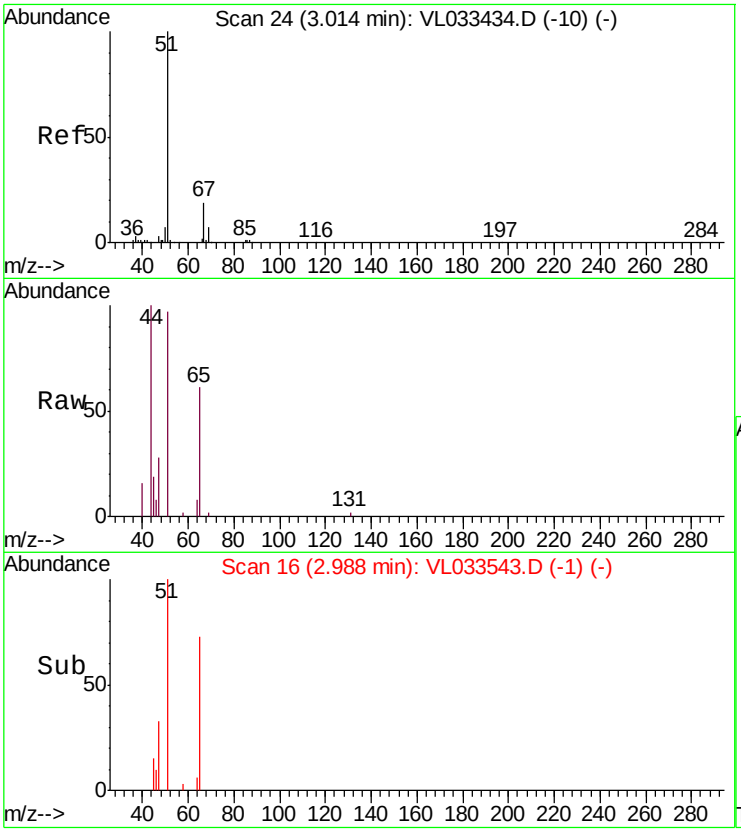


#2
Dichlorodifluoromethane
Concen: 0.082 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion: 85 Resp: 14469

Ion	Ratio	Lower	Upper
85	100		
87	34.9	26.7	40.1



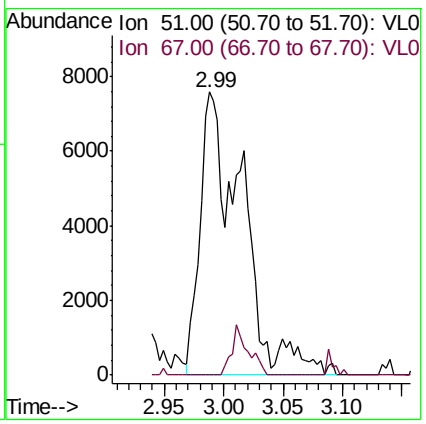


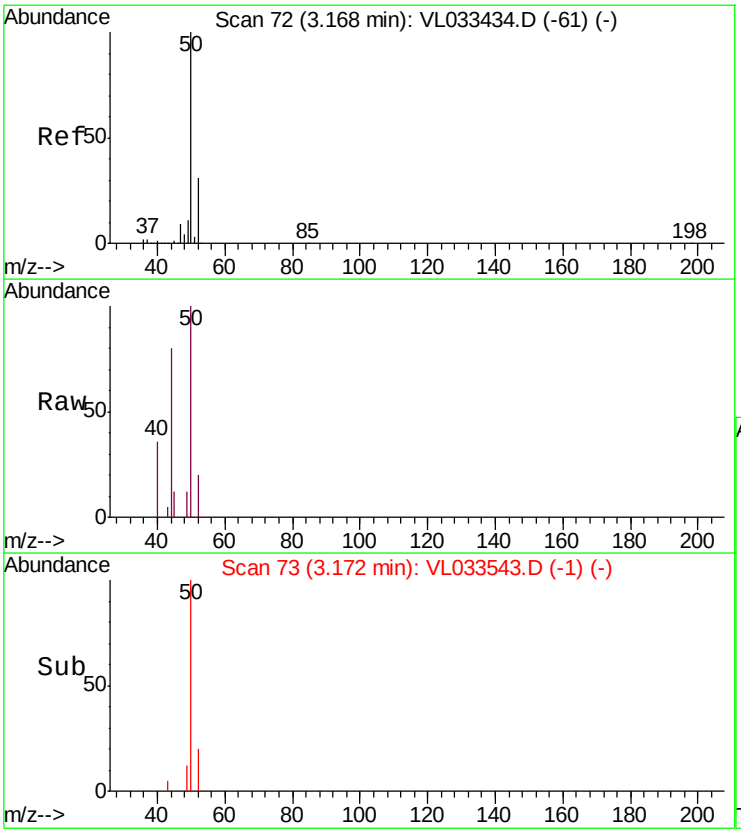
#3
Chlorodifluoromethane
Concen: 0.133 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.03 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 51 Resp: 18580

Ion	Ratio	Lower	Upper
51	100		
67	6.9	15.7	23.5#

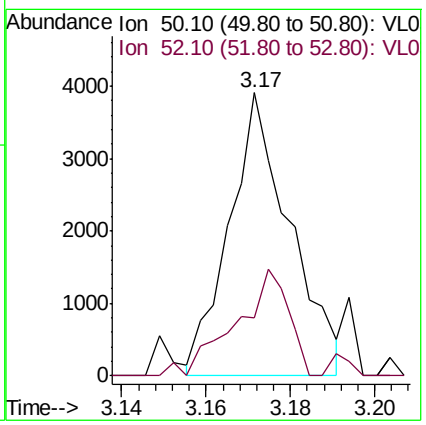


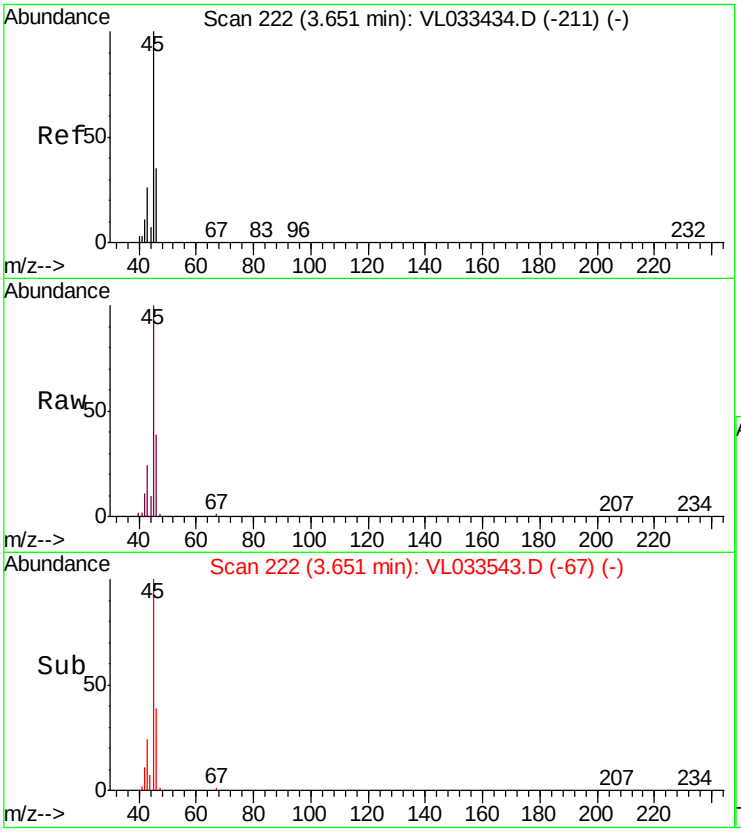


#4
Chloromethane
Concen: 0.053 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion: 50 Resp: 3890

Ion	Ratio	Lower	Upper
50	100		
52	21.2	25.0	37.6#



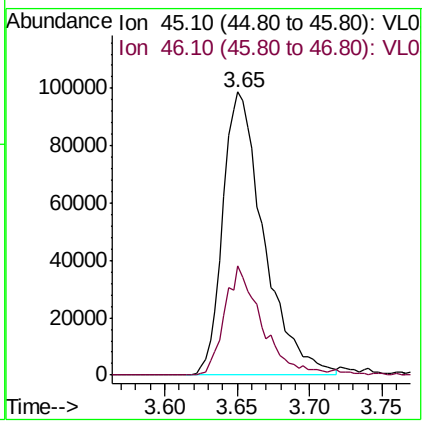


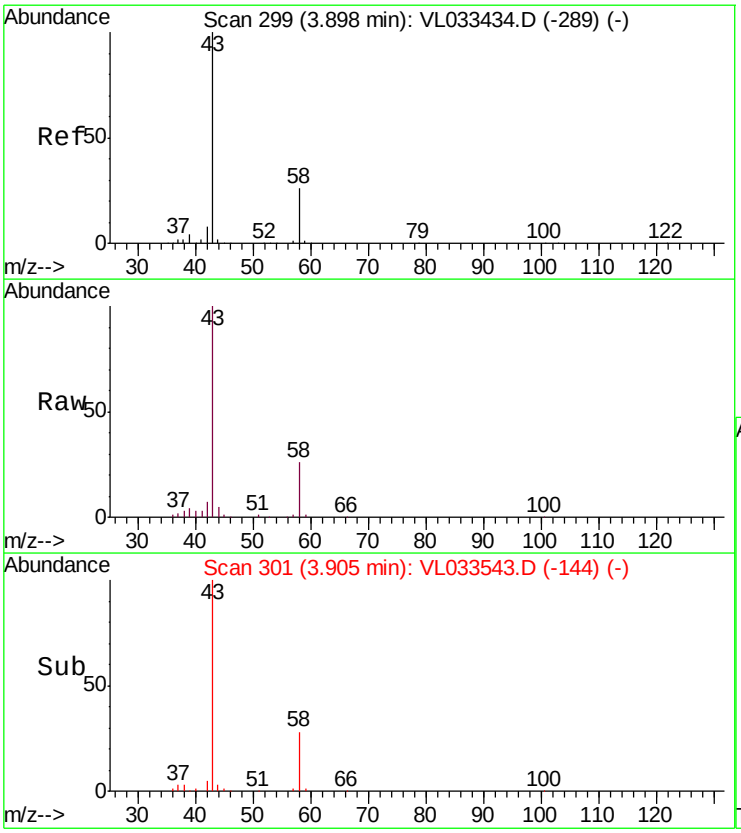
#13
Ethanol
Concen: 12.804 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Tgt Ion: 45 Resp: 194121

Ion	Ratio	Lower	Upper
45	100		
46	36.0	25.4	101.8

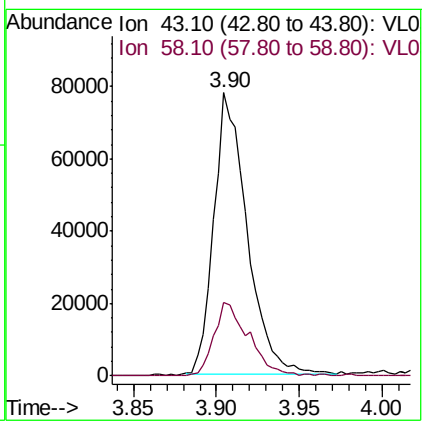


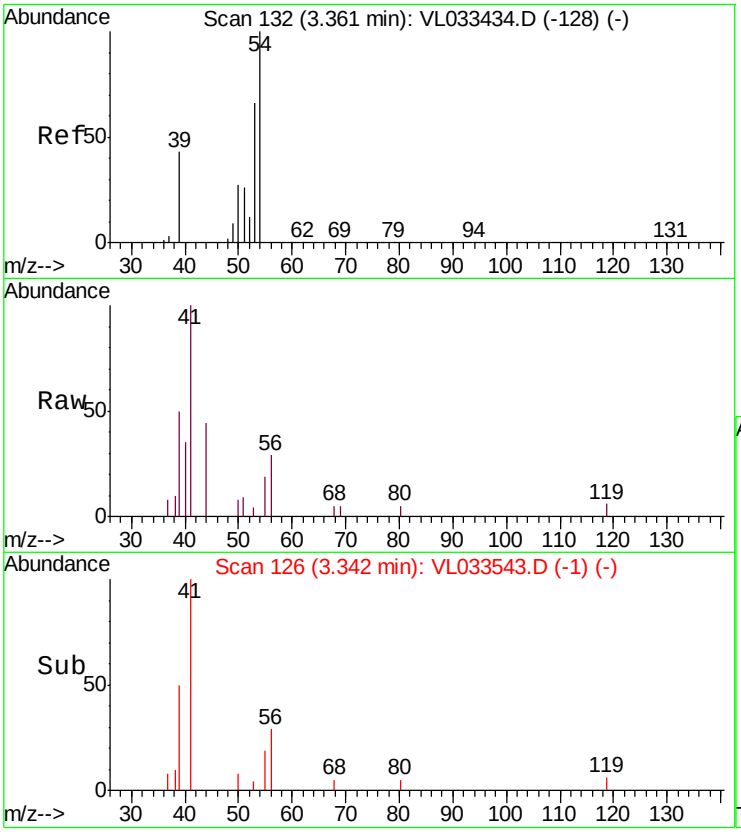


#15
Acetone
Concen: 0.738 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion: 43 Resp: 107483

Ion	Ratio	Lower	Upper
43	100		
58	27.8	20.5	30.7



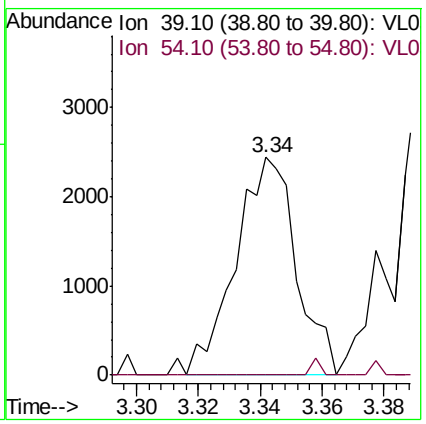


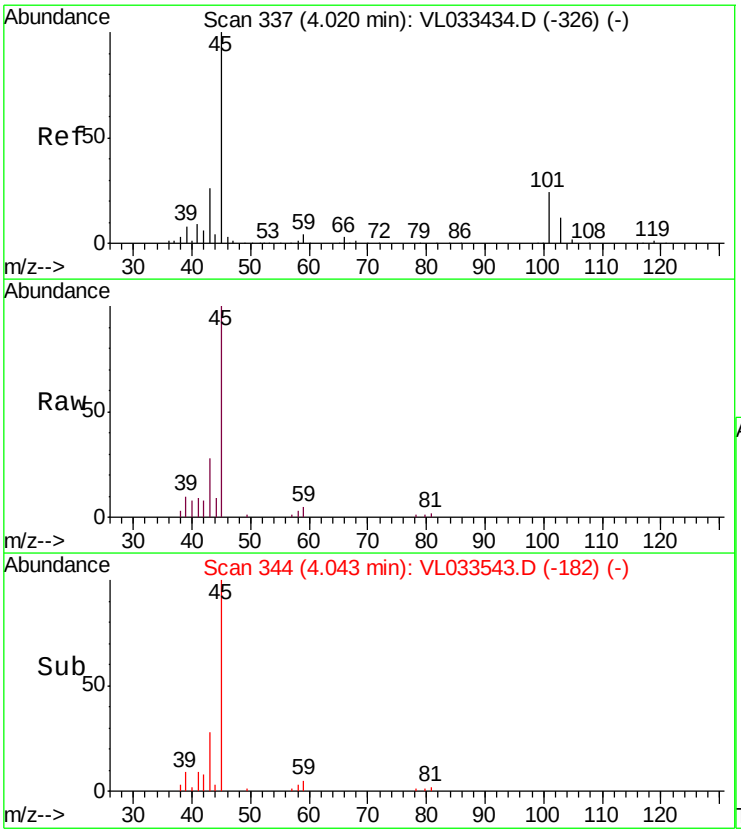
#16
1,3-Butadiene
Concen: 0.057 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 39 Resp: 3321

Ion	Ratio	Lower	Upper
39	100		
54	0.0	69.4	104.2#

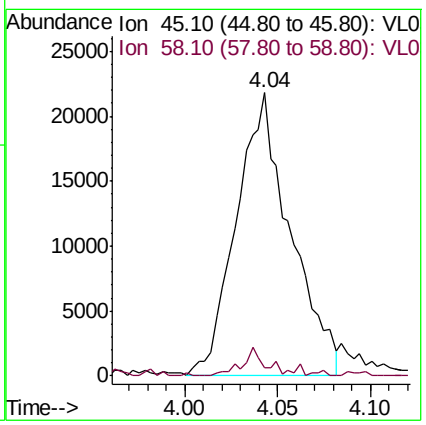


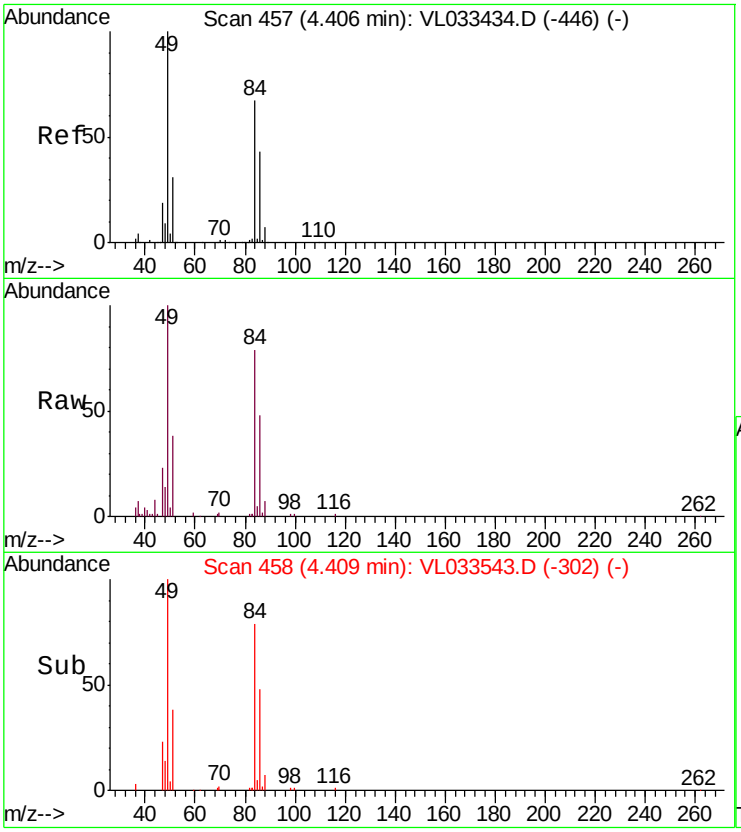


#19
Isopropyl Alcohol
Concen: 0.482 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion: 45 Resp: 44384

Ion	Ratio	Lower	Upper
45	100		
58	4.9	1.4	2.2#



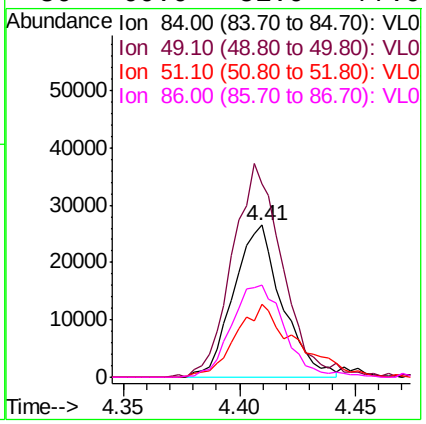


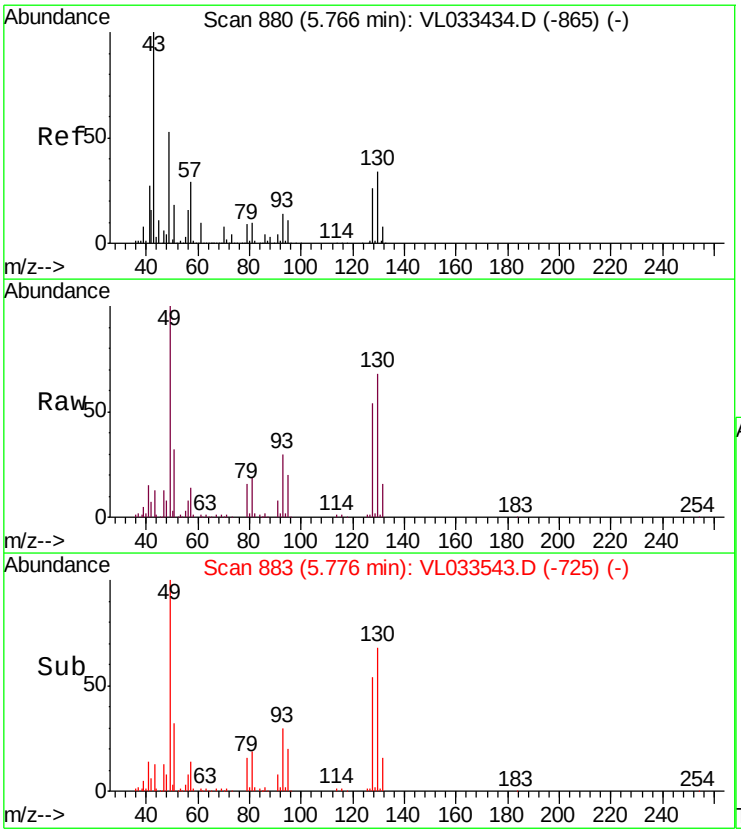
#20
Methylene Chloride
Concen: 0.625 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 84 Resp: 38631

Ion	Ratio	Lower	Upper
84	100		
49	127.2	120.0	180.0
51	46.6	36.7	55.1
86	60.0	51.9	77.9

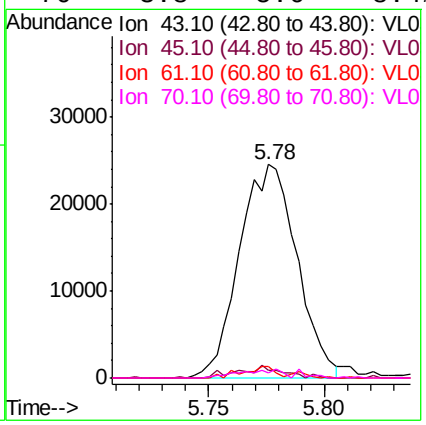


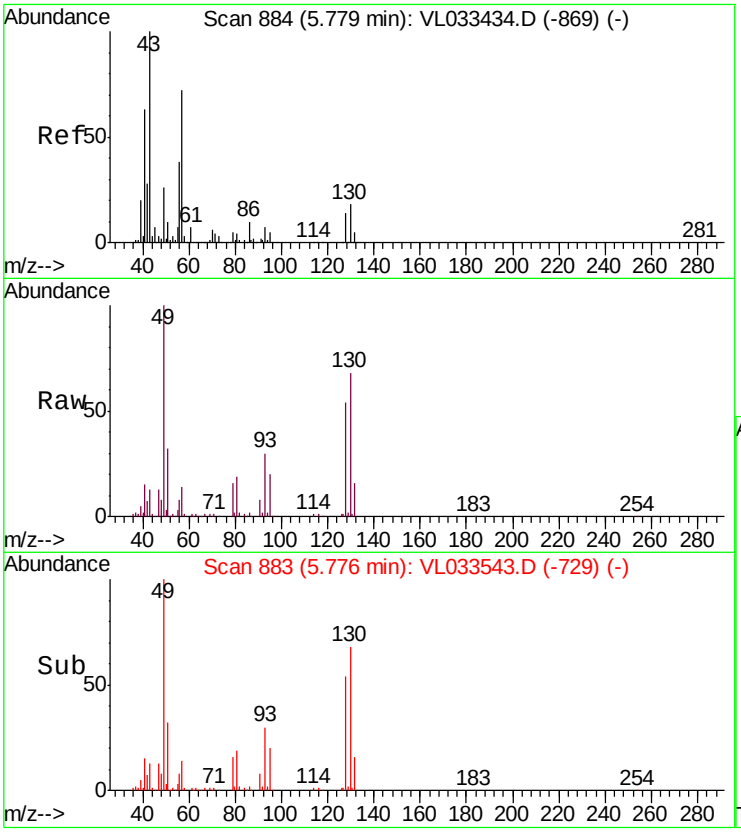


#25
Ethyl Acetate
Concen: 0.156 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion: 43 Resp: 42279

Ion	Ratio	Lower	Upper
43	100		
45	4.5	7.8	11.6#
61	4.1	7.3	10.9#
70	3.8	5.6	8.4#



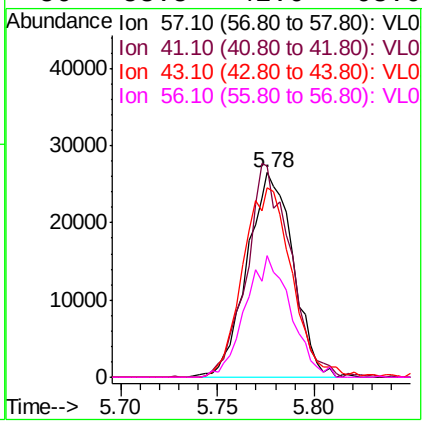


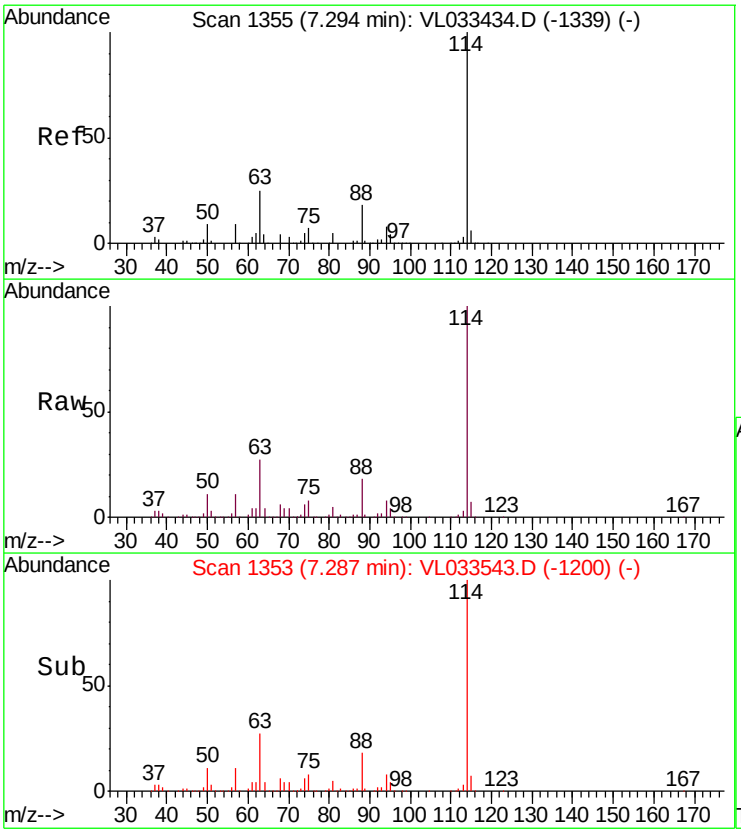
#26
Hexane
Concen: 0.365 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument :
MSVOA_L
ClientSampleId :
A-4DL

Tgt Ion: 57 Resp: 43815

Ion	Ratio	Lower	Upper
57	100		
41	100.1	70.7	106.1
43	99.2	182.6	274.0#
56	58.5	42.0	63.0

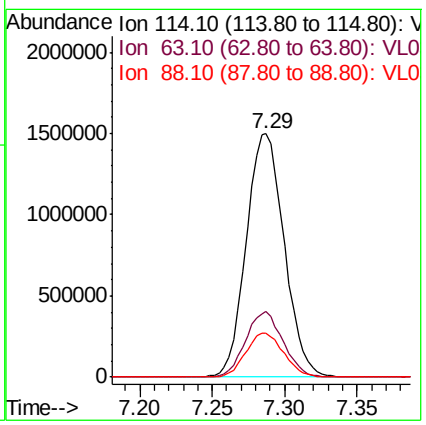


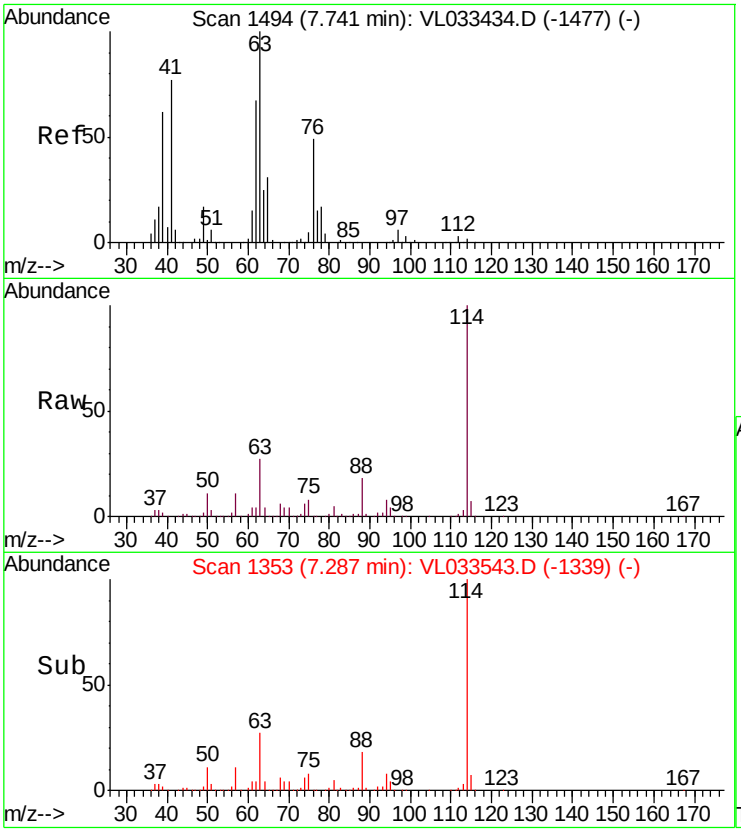


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion:114 Resp: 2730156

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.5	32.3
88	18.1	14.5	21.7



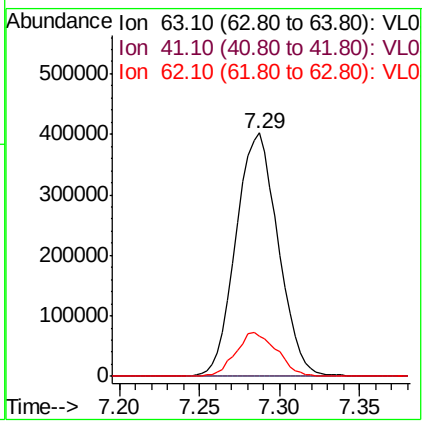


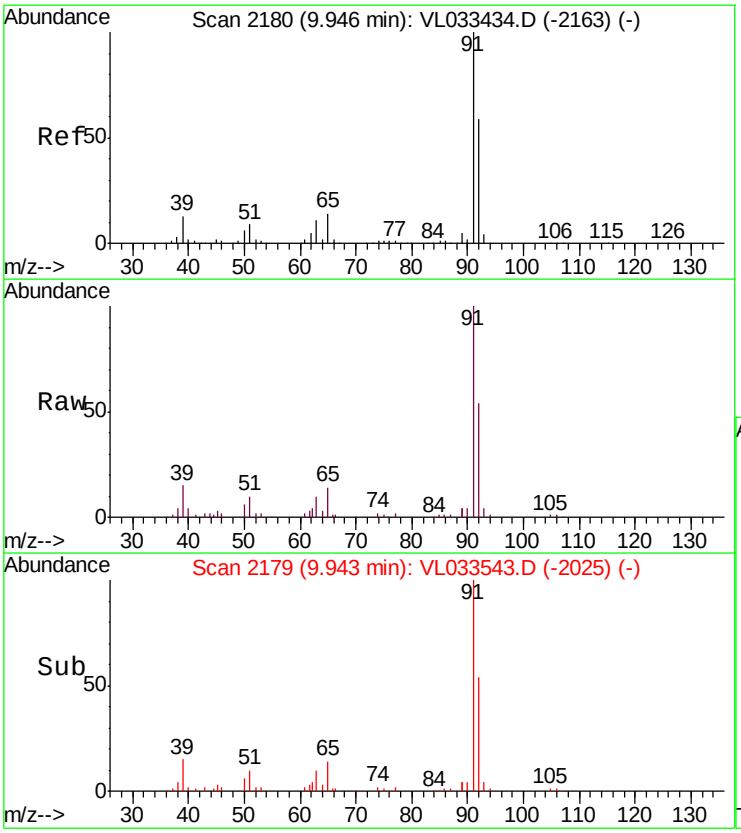
#39
1,2-Dichloropropane
Concen: 8.049 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion: 63 Resp: 722314

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	16.5	54.0	81.0#

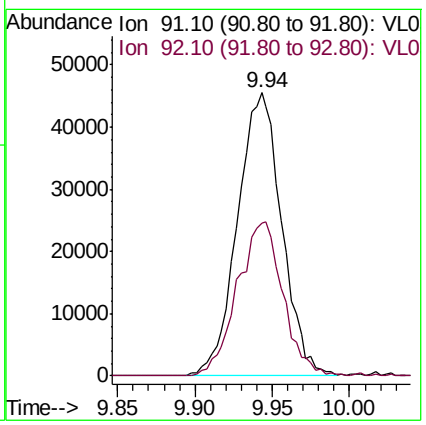


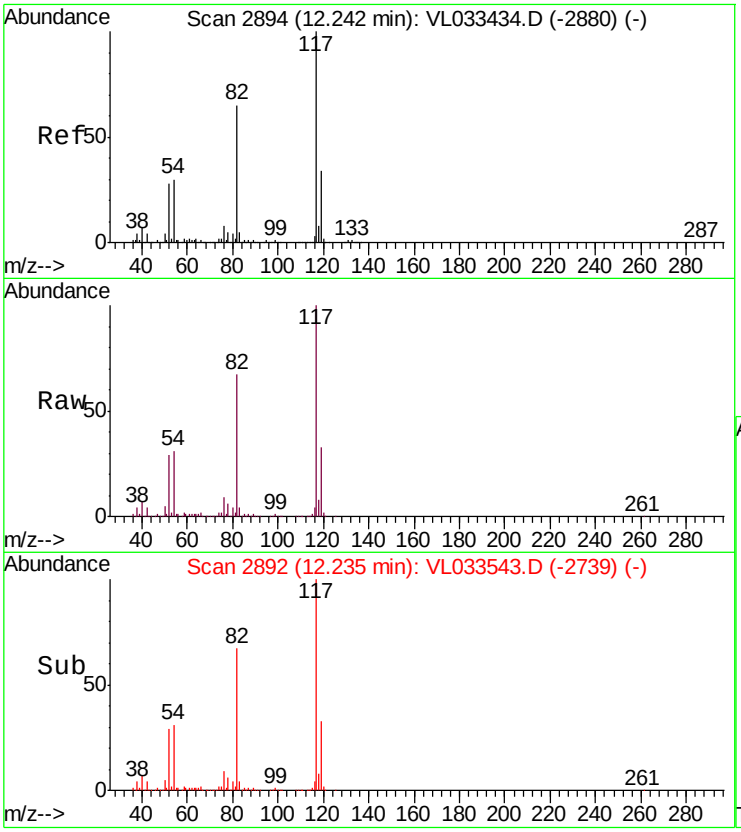


#53
Toluene
Concen: 0.340 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion: 91 Resp: 90400

Ion	Ratio	Lower	Upper
91	100		
92	56.0	47.4	71.0



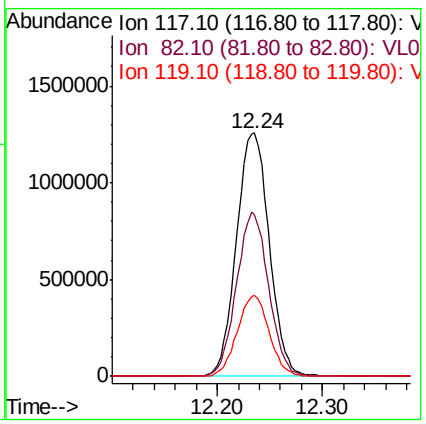


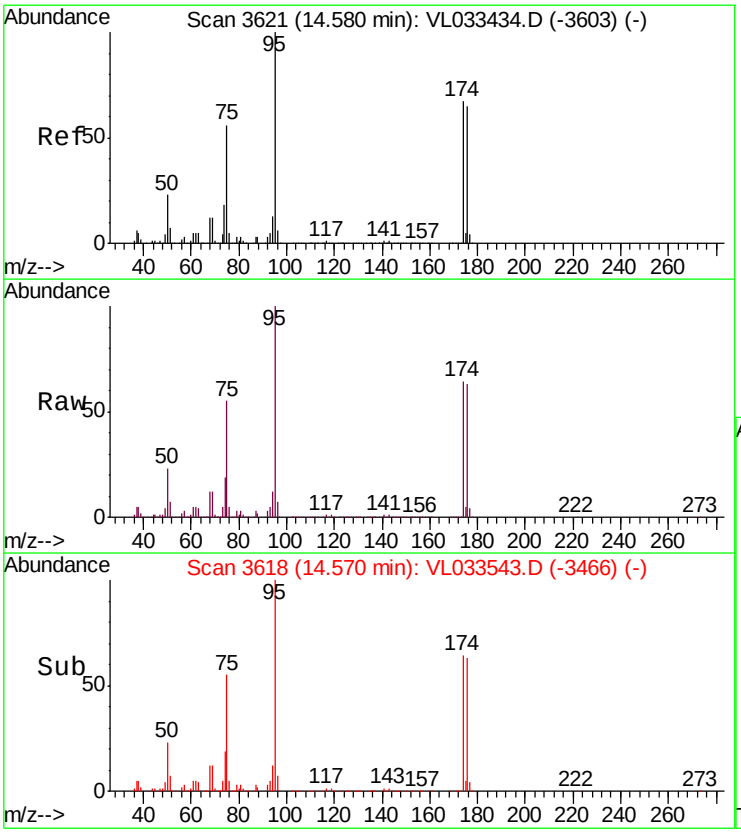
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Instrument : MSVOA_L
ClientSampleId : A-4DL

Tgt Ion:117 Resp: 2727129

Ion	Ratio	Lower	Upper
117	100		
82	66.3	51.5	77.3
119	32.5	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.017 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033543.D
Acq: 4 Apr 2019 21:36

Tgt Ion: 95 Resp: 2141682

Ion	Ratio	Lower	Upper
95	100		
174	66.9	52.9	79.3
175	4.9	3.8	5.6