Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050219\
Data File : VL033639.D
Acq On : 2 May 2019 22:24
Operator : SY/AP
Sample : K2628-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-7DL

Quant Time: May 03 02:30:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050119AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 02 06:29:02 2019
QLast Update : Thu May 02 06:29:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	917386	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.28	114	2176281	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2250980	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1802064	10.52	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	9332	0.068	ppbv	#	88
3) Chlorodifluoromethane	2.99	51	14142	0.129	ppbv	#	75
4) Chloromethane	3.17	50	3454	0.058	ppbv	#	78
8) Dichlorotetrafluoroethane	3.08	85	9332	0.062	ppbv	#	15
11) Trichlorofluoromethane	4.01	101	1870	0.011	ppbv		92
13) Ethanol	3.65	45	176259	12.378	ppbv		97
15) Acetone	3.91	43	37647	0.337	ppbv		95
19) Isopropyl Alcohol	4.04	45	15341	0.200	ppbv	#	76
20) Methylene Chloride	4.41	84	5077	0.117	ppbv	#	72
25) Ethyl Acetate	5.77	43	2519	0.012	ppbv	#	75
26) Hexane	5.77	57	2724	0.031	ppbv	#	1
30) Cyclohexane	7.27	84	6783	0.090	ppbv	#	1
39) 1,2-Dichloropropane	7.28	63	571669	8.175	ppbv	#	24

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

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050219\
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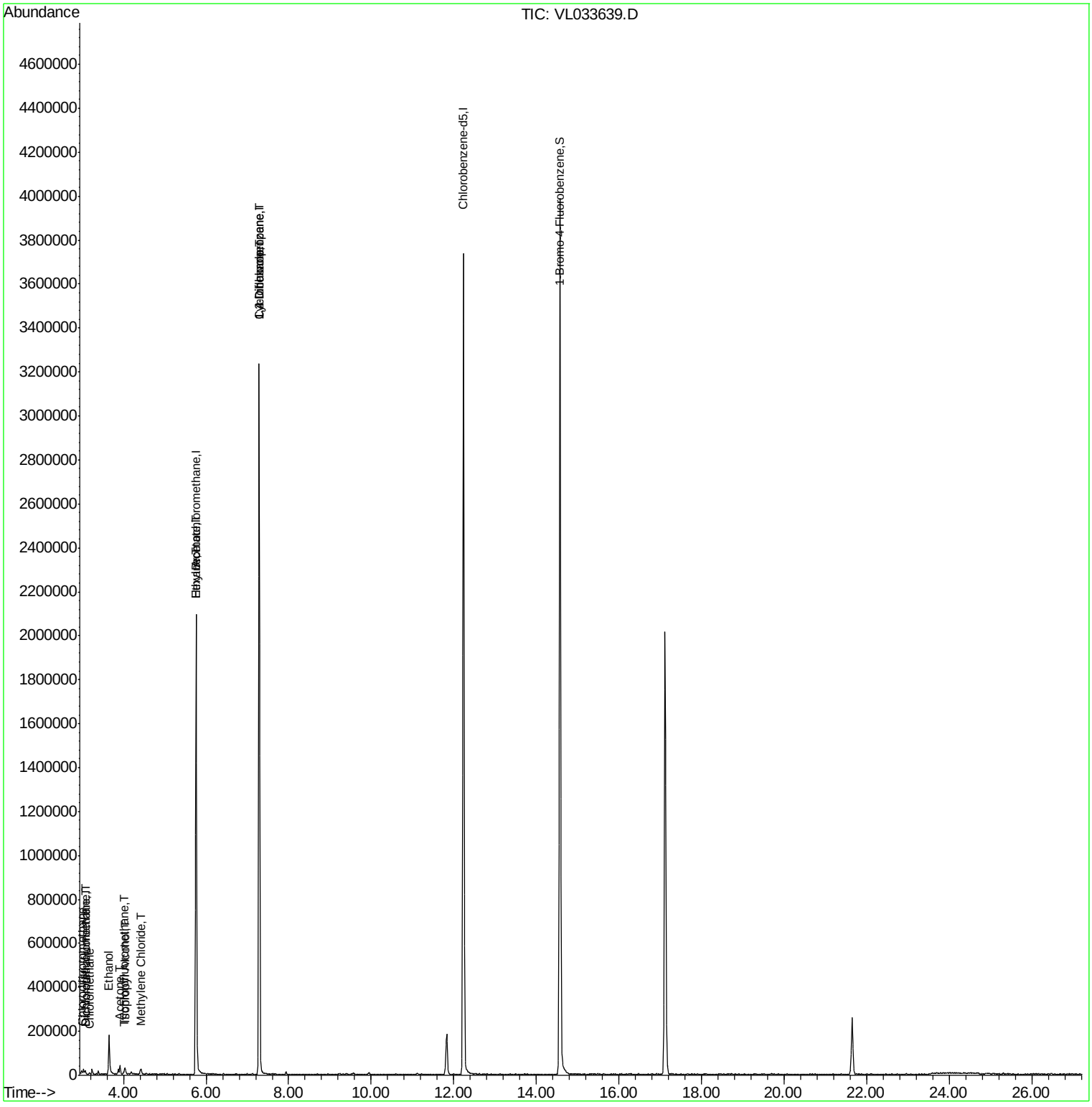
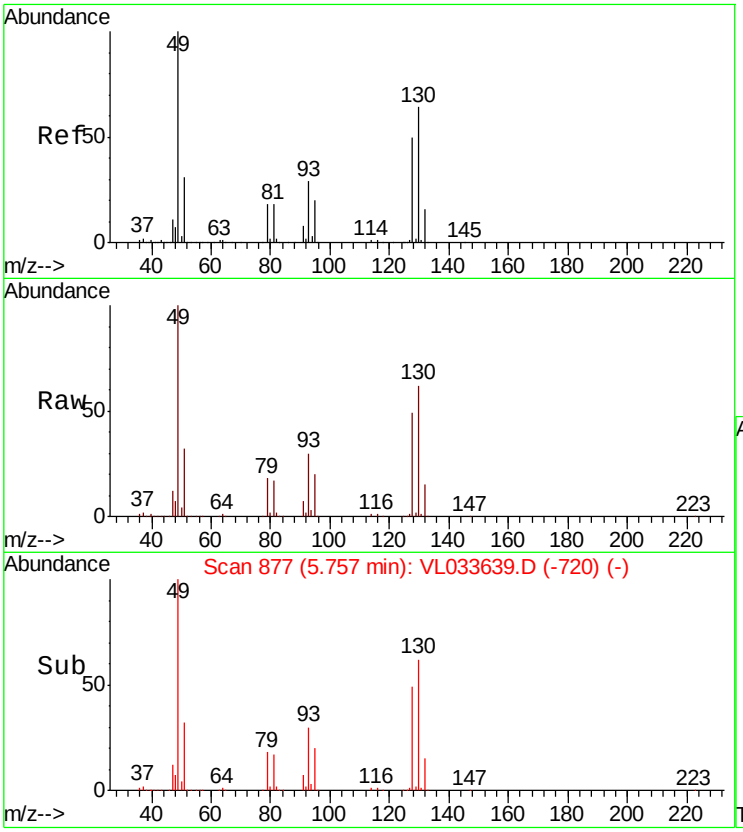


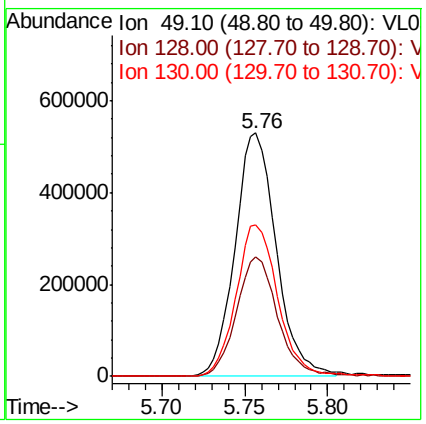


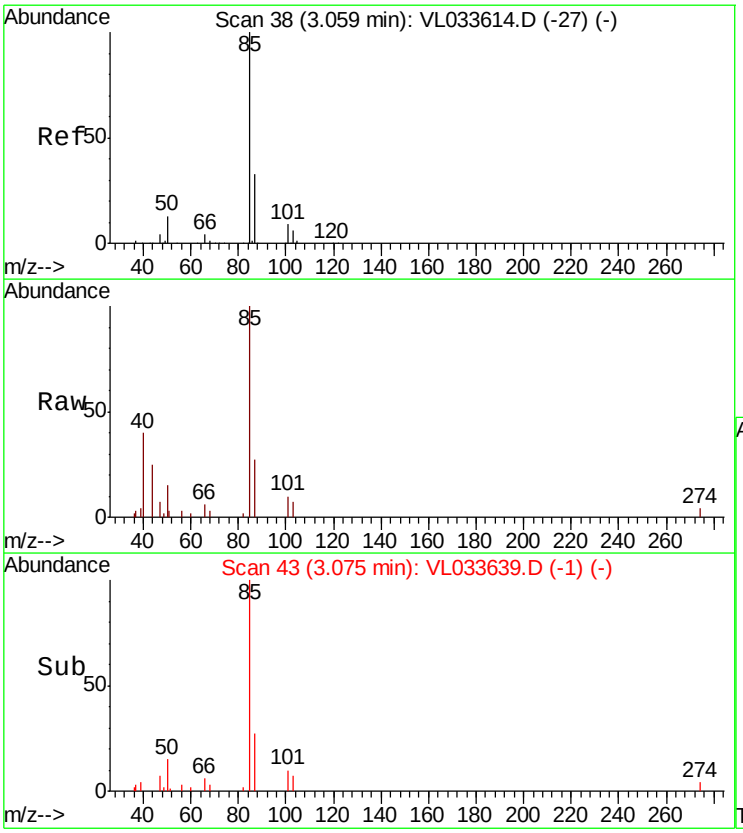
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. 0.00 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 49 Resp: 917386

Ion	Ratio	Lower	Upper
49	100		
128	48.9	25.0	75.0
130	63.8	31.9	95.9

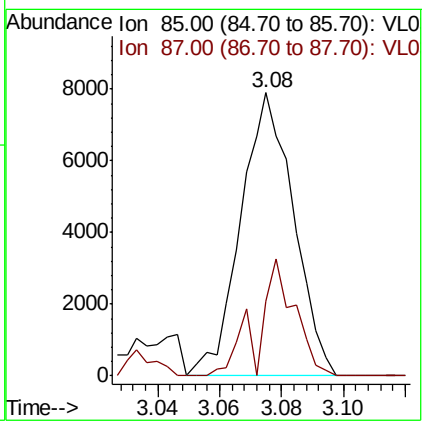


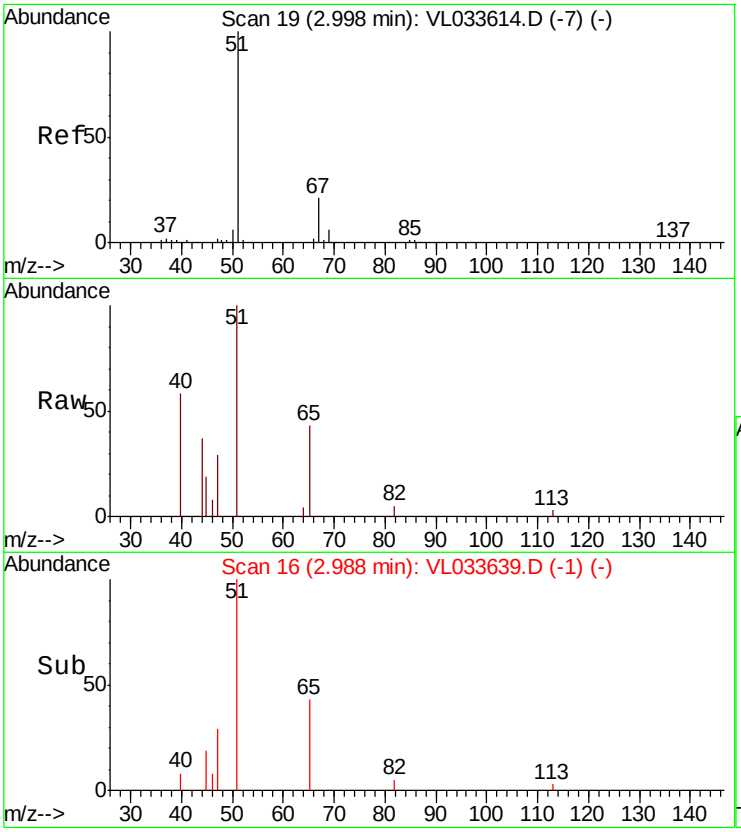


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.08 min Scan# 43
Delta R.T. 0.02 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion: 85 Resp: 9332

Ion	Ratio	Lower	Upper
85	100		
87	26.6	26.8	40.2#

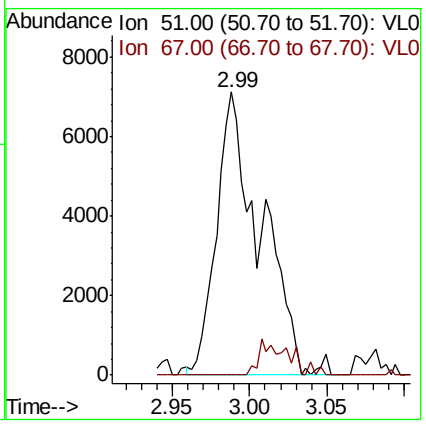




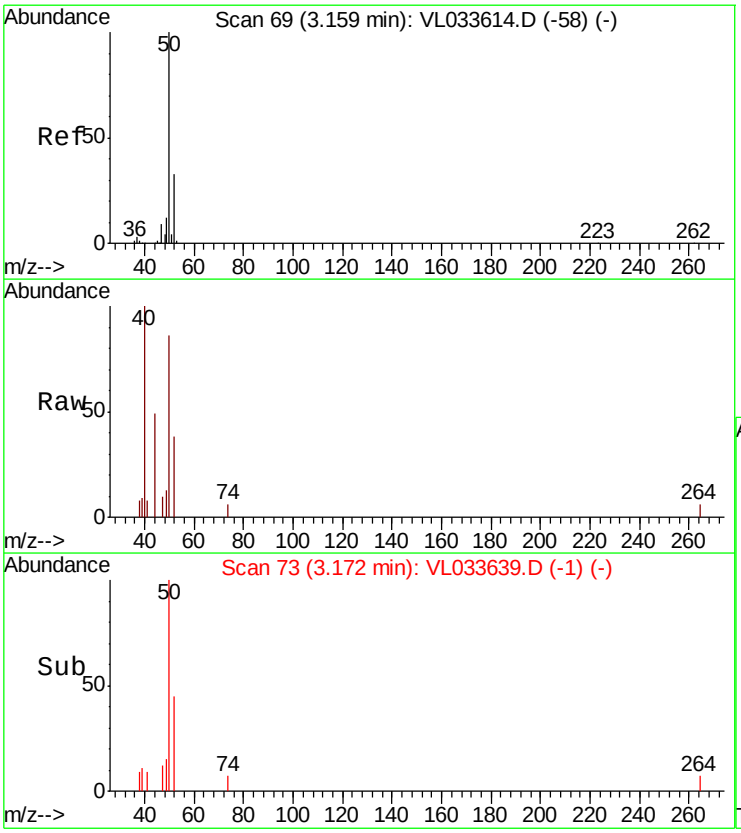
#3
Chlorodifluoromethane
Concen: 0.129 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.01 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion: 51 Resp: 14142

Ion	Ratio	Lower	Upper
51	100		
67	8.2	15.6	23.4#



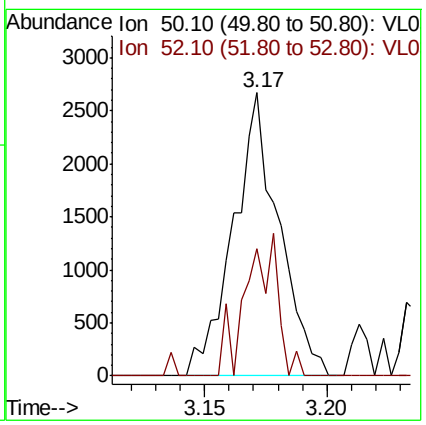
Instrument :
MSVOA_L
ClientSampleId :
A-7DL

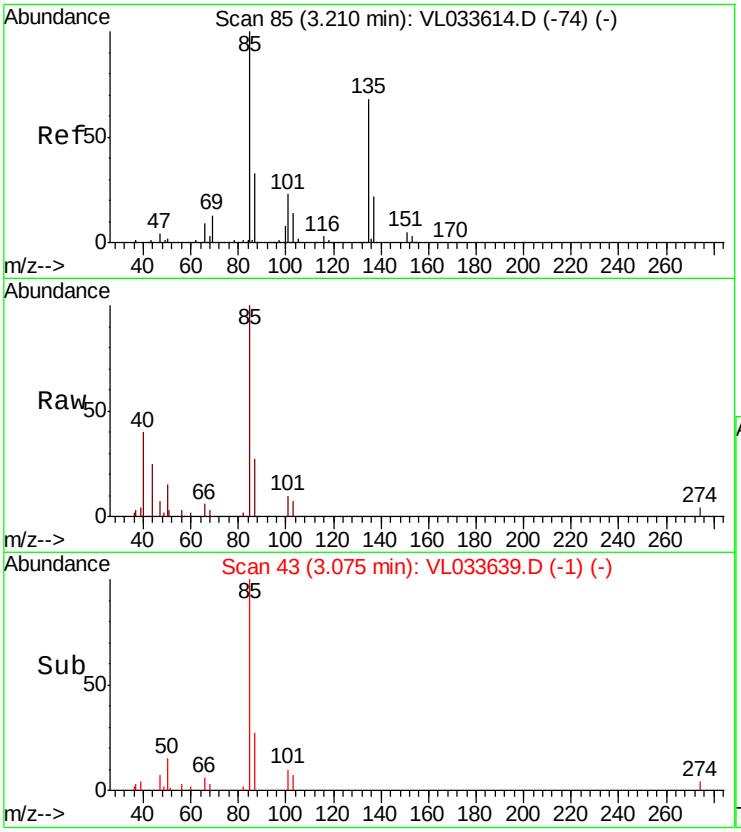


#4
Chloromethane
Concen: 0.058 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.01 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion: 50 Resp: 3454

Ion	Ratio	Lower	Upper
50	100		
52	44.9	26.0	39.0#



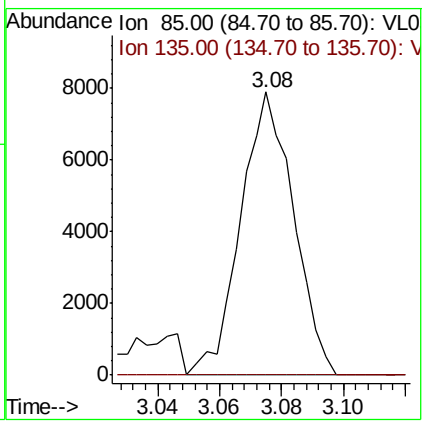


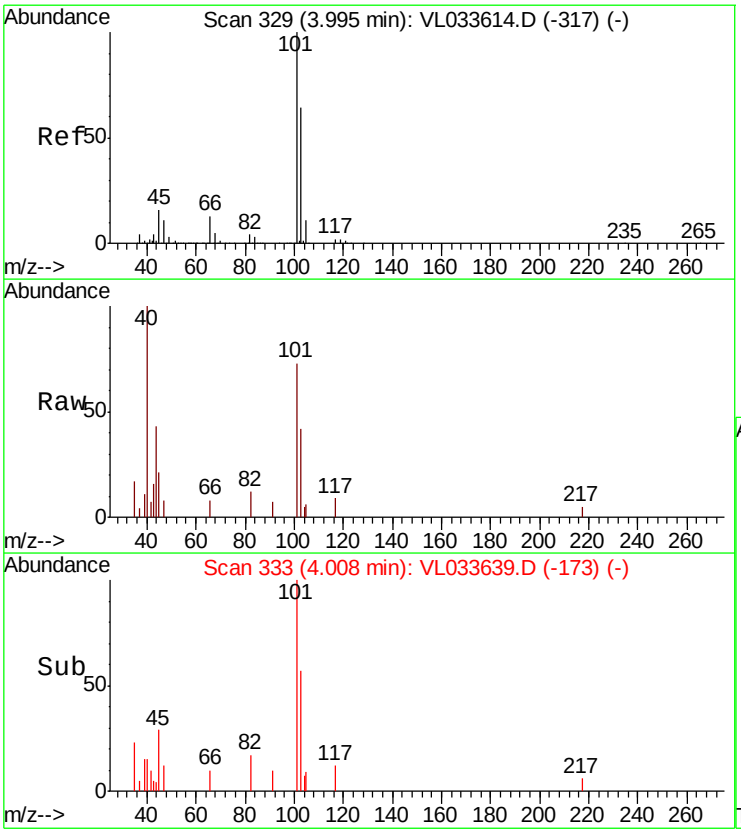
#8
Dichlorotetrafluoroethane
Concen: 0.062 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.13 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 85 Resp: 9332

Ion	Ratio	Lower	Upper
85	100		
135	0.0	55.0	82.6#

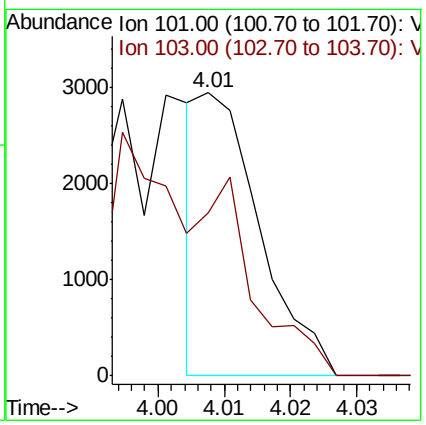


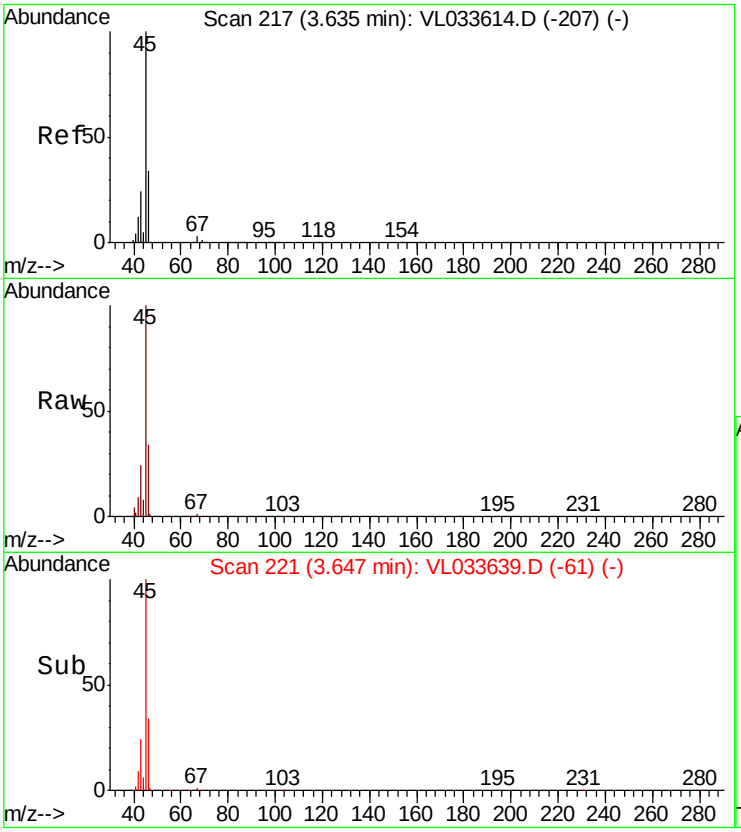


#11
Trichlorofluoromethane
Concen: 0.011 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion:101 Resp: 1870

Ion	Ratio	Lower	Upper
101	100		
103	57.5	51.2	76.8



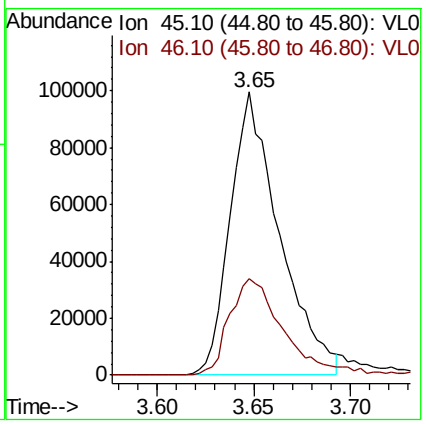


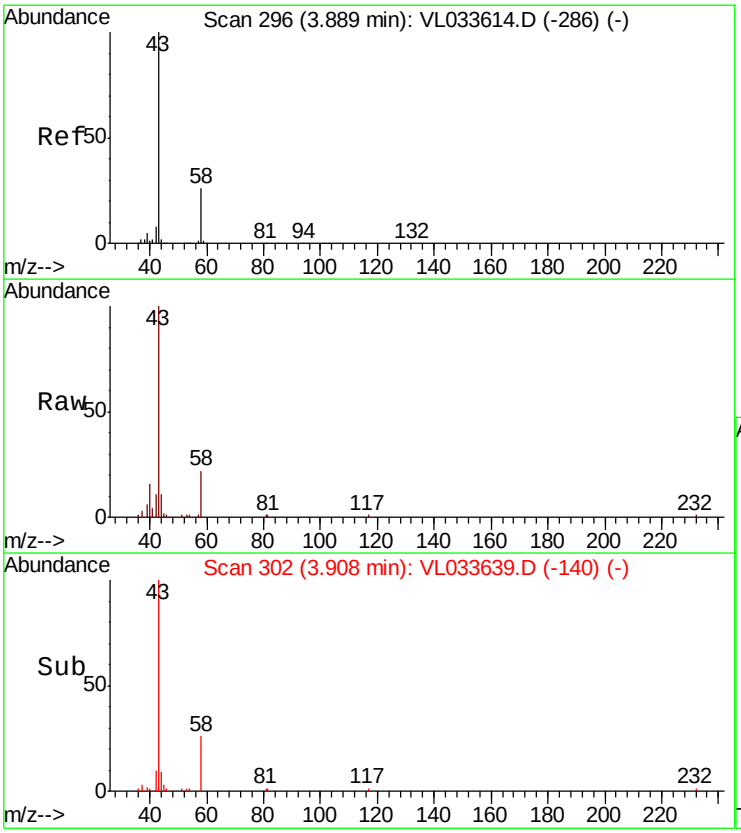
#13
Ethanol
Concen: 12.378 ppbv
RT: 3.65 min Scan# 221
Delta R.T. 0.01 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 45 Resp: 176259

Ion	Ratio	Lower	Upper
45	100		
46	38.2	14.6	58.2

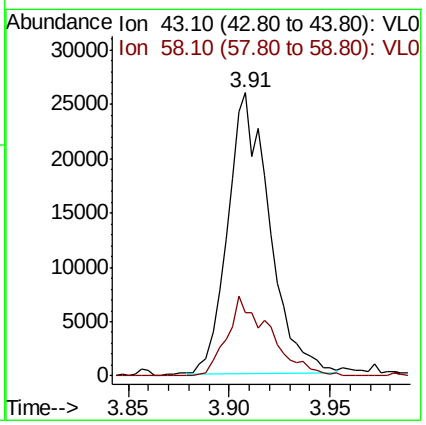


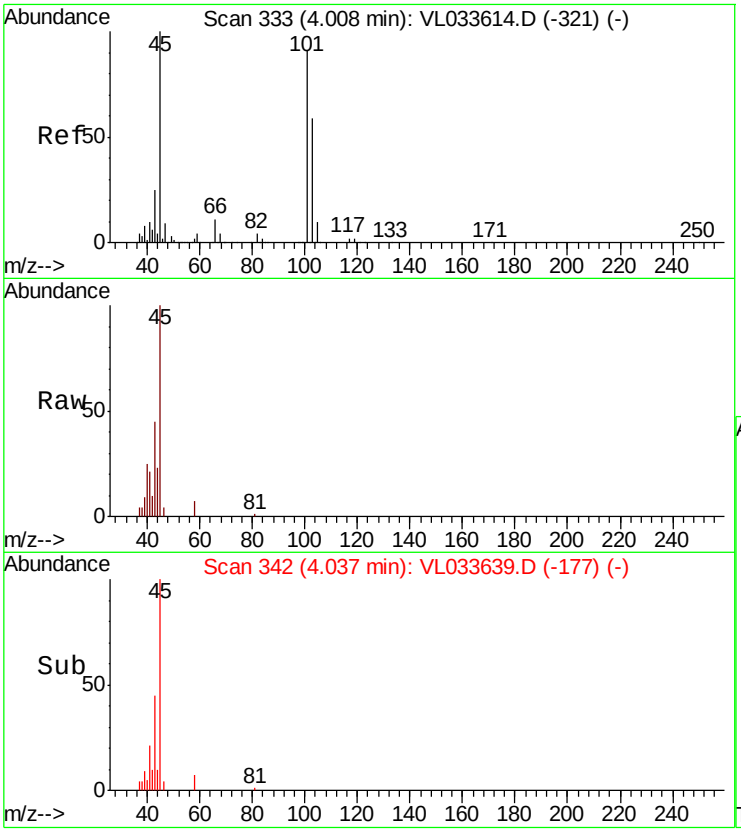


#15
Acetone
Concen: 0.337 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.02 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion: 43 Resp: 37647

Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.2	31.8



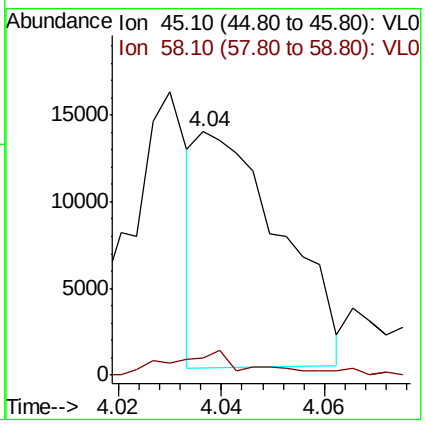


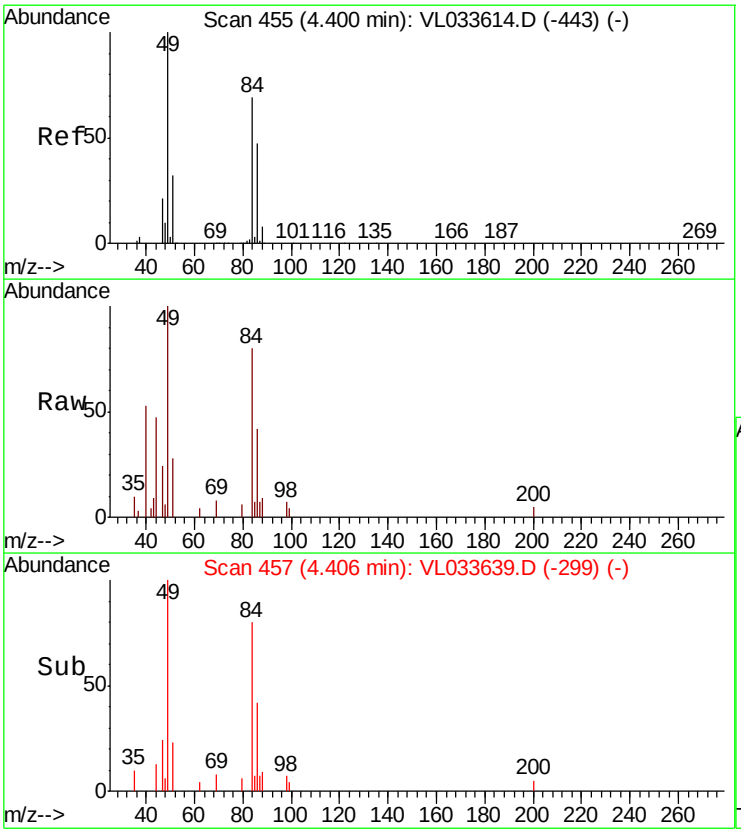
#19
Isopropyl Alcohol
Concen: 0.200 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.03 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 45 Resp: 15341

Ion	Ratio	Lower	Upper
45	100		
58	10.5	1.8	2.6#

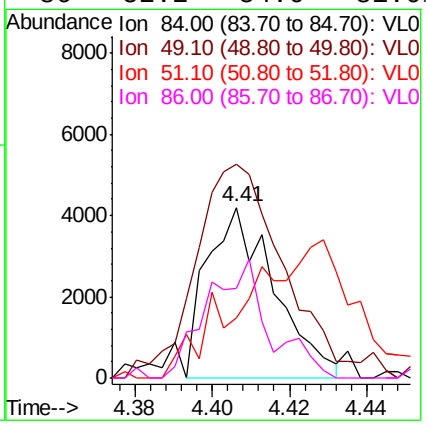


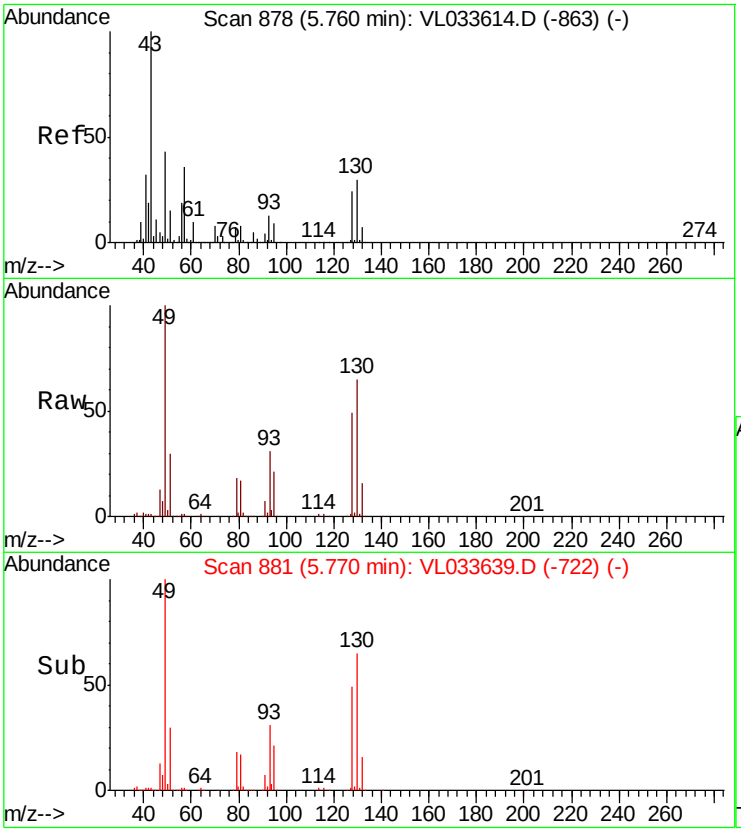


#20
Methylene Chloride
Concen: 0.117 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.01 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion: 84 Resp: 5077

Ion	Ratio	Lower	Upper
84	100		
49	114.9	116.2	174.2#
51	10.4	37.0	55.6#
86	52.2	54.0	81.0#



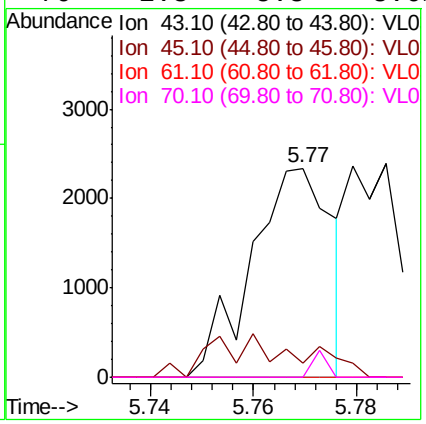


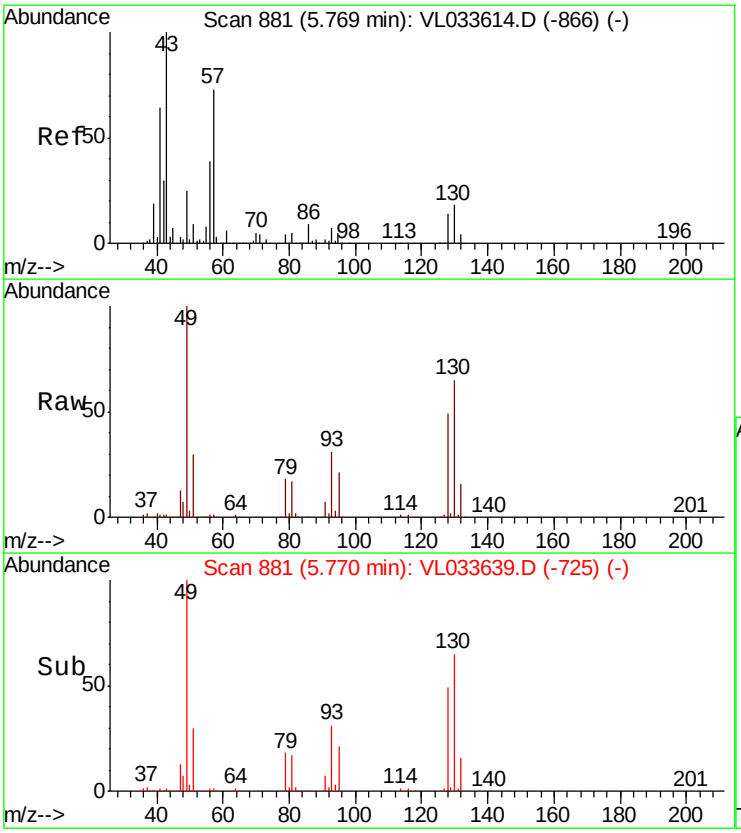
#25
Ethyl Acetate
Concen: 0.012 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 43 Resp: 2519

Ion	Ratio	Lower	Upper
43	100		
45	22.5	8.1	12.1#
61	0.0	7.5	11.3#
70	2.3	5.8	8.6#

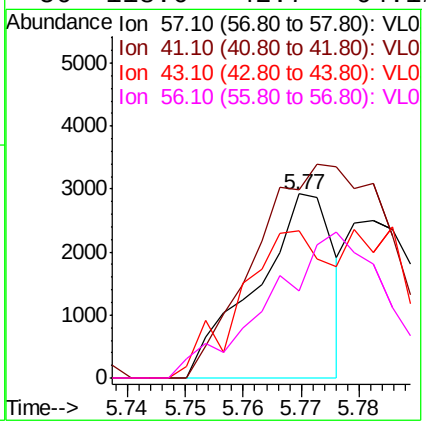


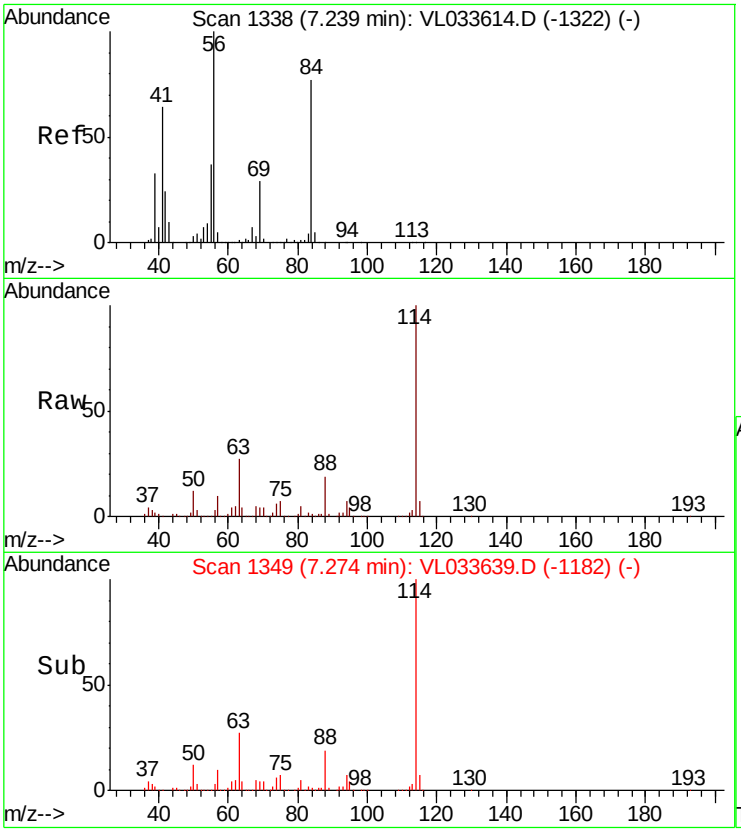


#26
Hexane
Concen: 0.031 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion: 57 Resp: 2724

Ion	Ratio	Lower	Upper
57	100		
41	216.9	70.6	106.0#
43	0.0	186.0	279.0#
56	118.6	42.7	64.1#



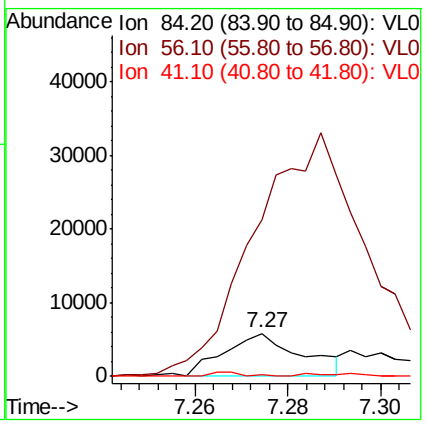


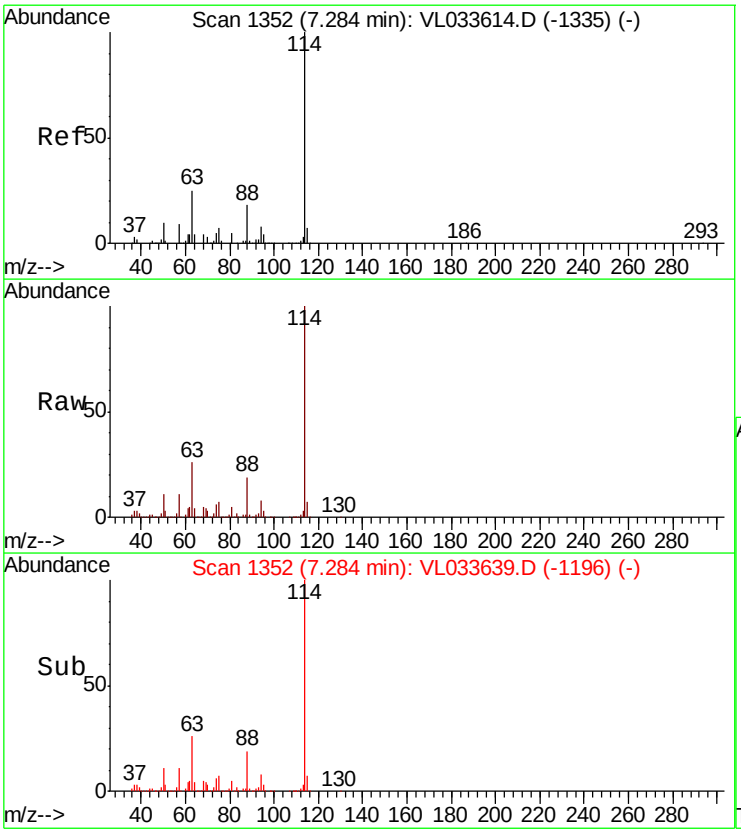
#30
Cyclohexane
Concen: 0.090 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. 0.04 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 84 Resp: 6783

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.4	162.6#
41	7.7	67.0	100.4#

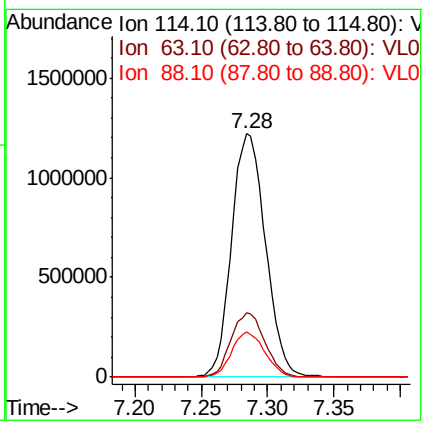


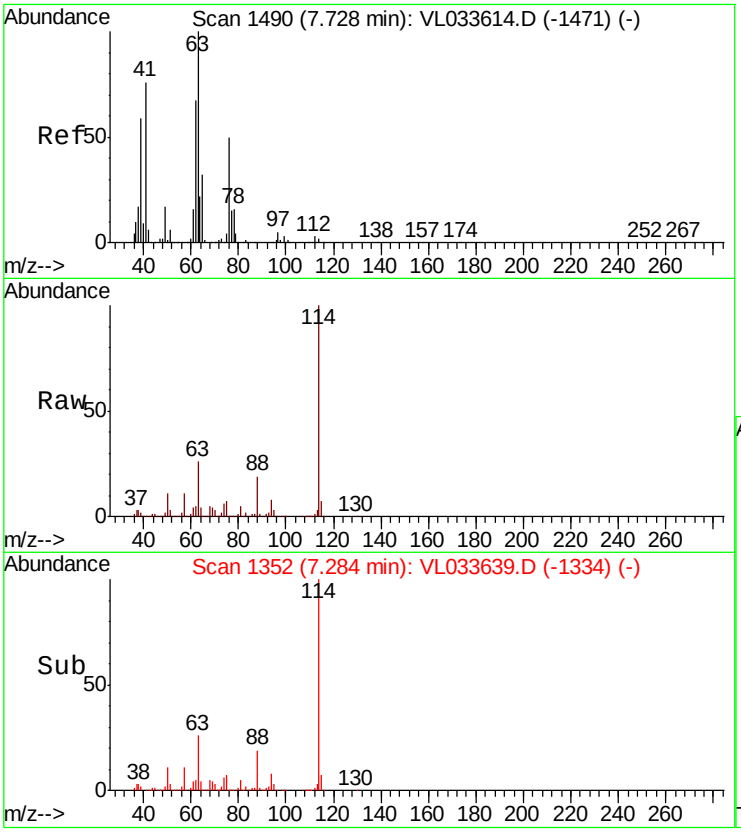


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion:114 Resp: 2176281

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.1	31.7
88	18.2	14.2	21.4



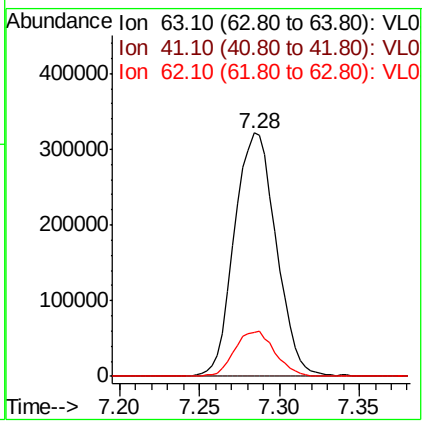


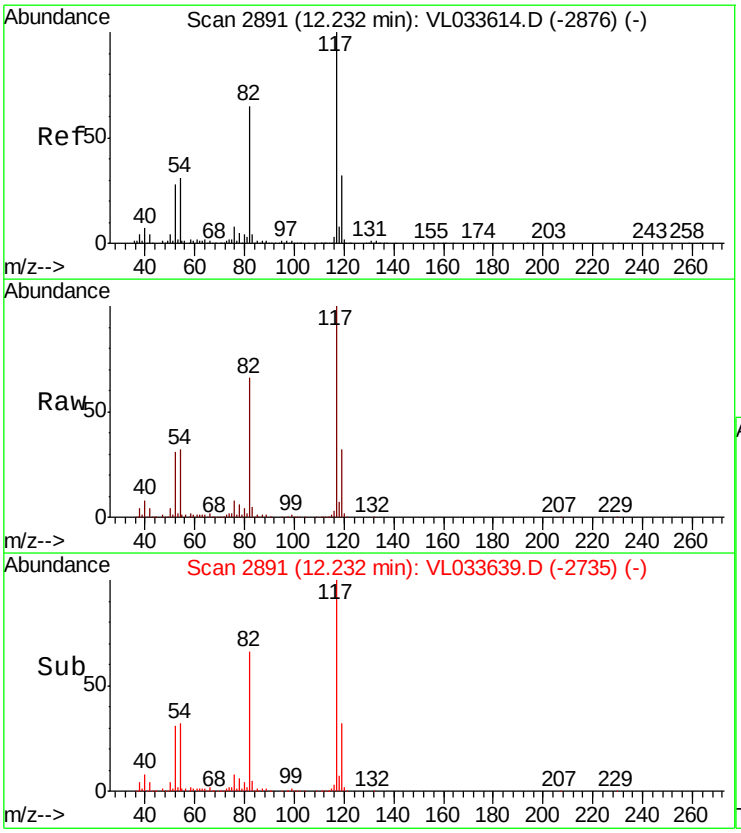
#39
1,2-Dichloropropane
Concen: 8.175 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.44 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument : MSVOA_L
ClientSampleId : A-7DL

Tgt Ion: 63 Resp: 571669

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.9	91.3#
62	17.8	53.3	79.9#

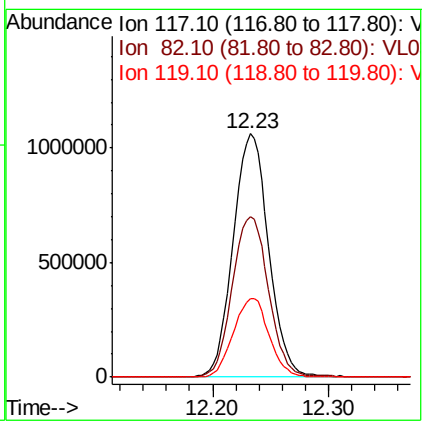


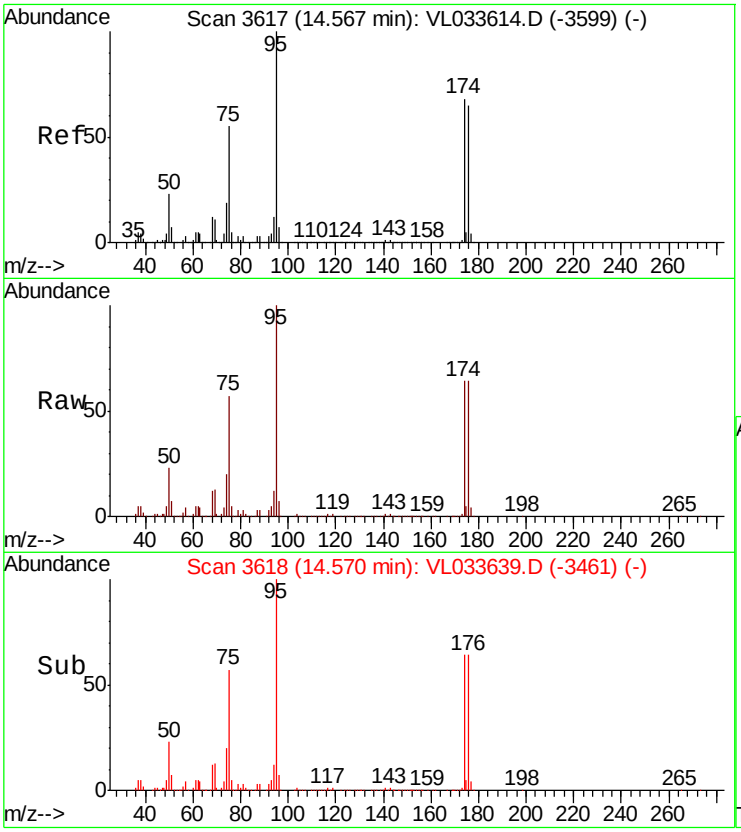


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Tgt Ion:117 Resp: 2250980

Ion	Ratio	Lower	Upper
117	100		
82	67.9	52.6	78.8
119	32.7	28.3	42.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.516 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL033639.D
Acq: 2 May 2019 22:24

Instrument :
MSVOA_L
ClientSampleId :
A-7DL

Tgt Ion: 95 Resp: 1802064

Ion	Ratio	Lower	Upper
95	100		
174	66.5	53.9	80.9
175	4.9	4.0	6.0