Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL010419\
Data File : VL033073.D
Acq On : 4 Jan 2019 18:28
Operator : SY/AP
Sample : J6594-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVI-IA1-2018-12-19

Quant Time: Jan 05 01:51:33 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	5.76	49	978297	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2364661	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2129057	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1600813	9.81	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	114166	0.627	ppbv	96
3) Chlorodifluoromethane	2.99	51	149184	1.347	ppbv #	70
4) Chloromethane	3.18	50	38612	0.609	ppbv	98
9) Propene	3.24	41	40931	0.989	ppbv	92
11) Trichlorofluoromethane	4.01	101	54925	0.273	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.55	101	5550	0.044	ppbv #	13
13) Ethanol	3.65	45	38287	2.321	ppbv #	40
15) Acetone	3.91	43	328618	2.427	ppbv	97
16) 1,3-Butadiene	3.37	39	1910	0.037	ppbv	90
19) Isopropyl Alcohol	4.04	45	43249	0.464	ppbv #	95
20) Methylene Chloride	4.41	84	86843	1.538	ppbv	95
25) Ethyl Acetate	5.78	43	41821	0.183	ppbv #	84
26) Hexane	5.78	57	28101	0.261	ppbv #	34
34) 2-Butanone	5.34	43	8650	0.063	ppbv #	63
35) Carbon Tetrachloride	7.13	117	10144	0.050	ppbv #	96
36) Benzene	7.00	78	14425	0.074	ppbv	93
39) 1,2-Dichloropropane	7.29	63	592196	8.138	ppbv #	23
53) Toluene	9.95	91	48556	0.234	ppbv	97

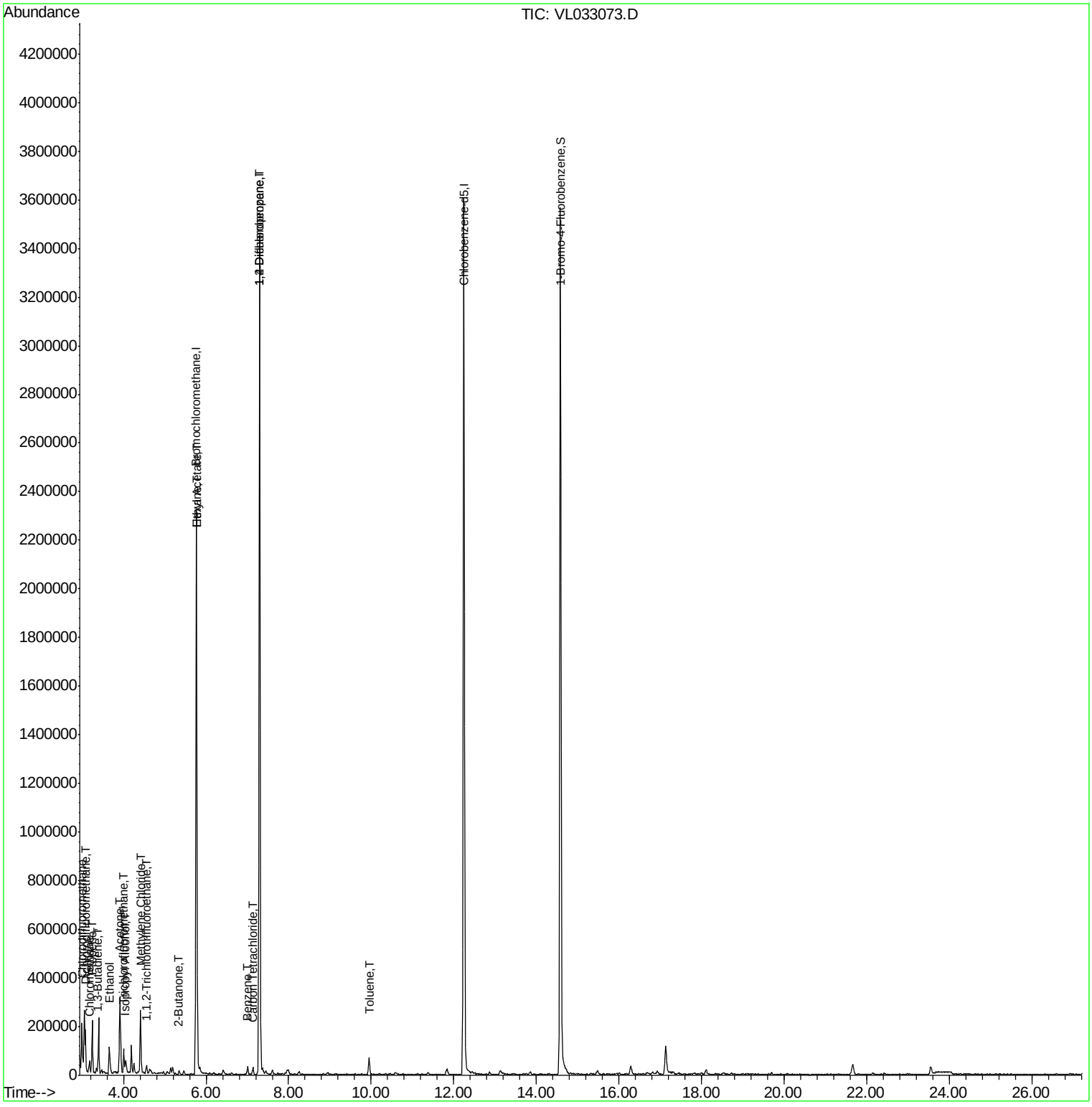
(#) = qualifier out of range (m) = manual integration (+) = signals summed

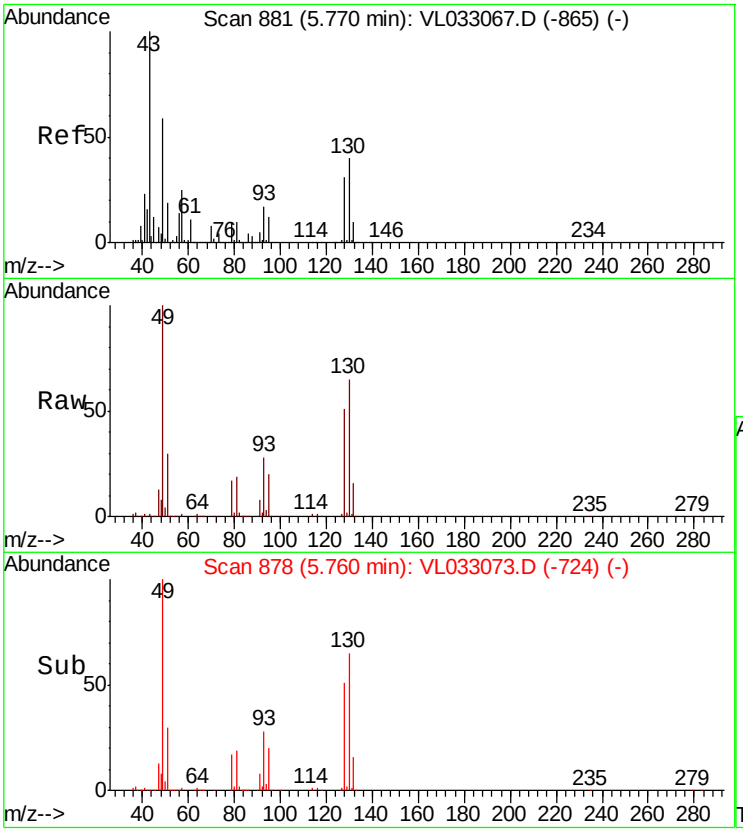
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL010419\
Data File : VL033073.D
Acq On : 4 Jan 2019 18:28
Operator : SY/AP
Sample : J6594-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVI-IA1-2018-12-19

Quant Time: Jan 05 01:51:33 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



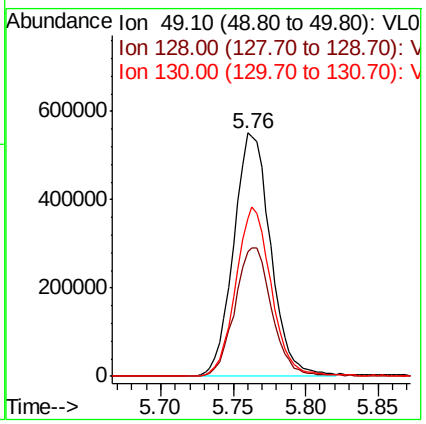


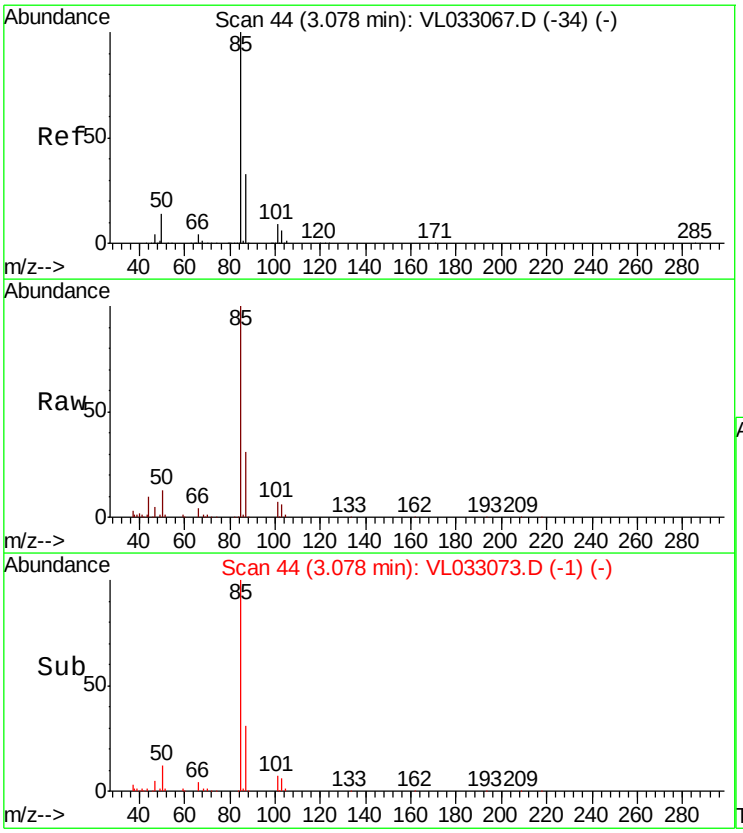
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion: 49 Resp: 978297

Ion	Ratio	Lower	Upper
49	100		
128	53.6	26.2	78.5
130	67.3	33.6	100.6

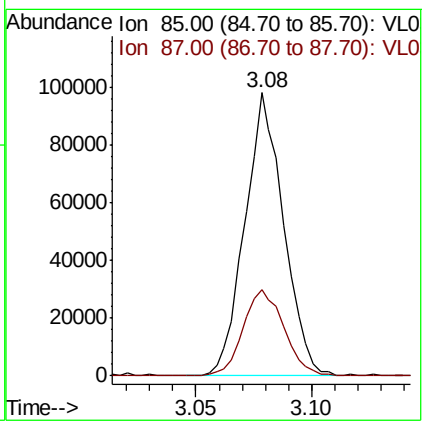


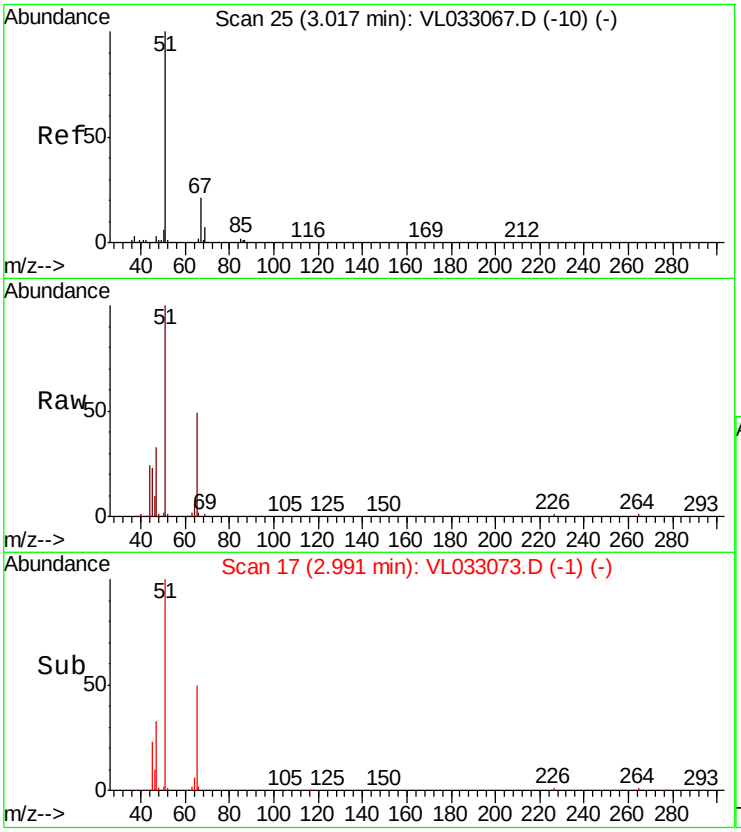


#2
Dichlorodifluoromethane
Concen: 0.627 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 85 Resp: 114166

Ion	Ratio	Lower	Upper
85	100		
87	30.7	26.3	39.5



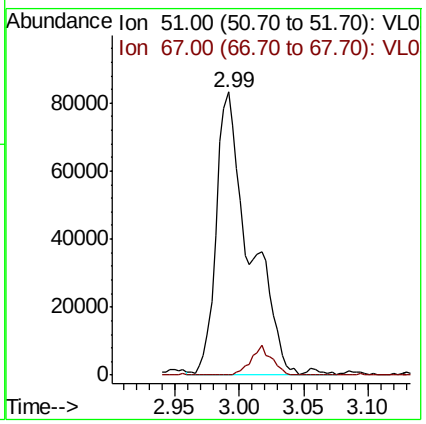


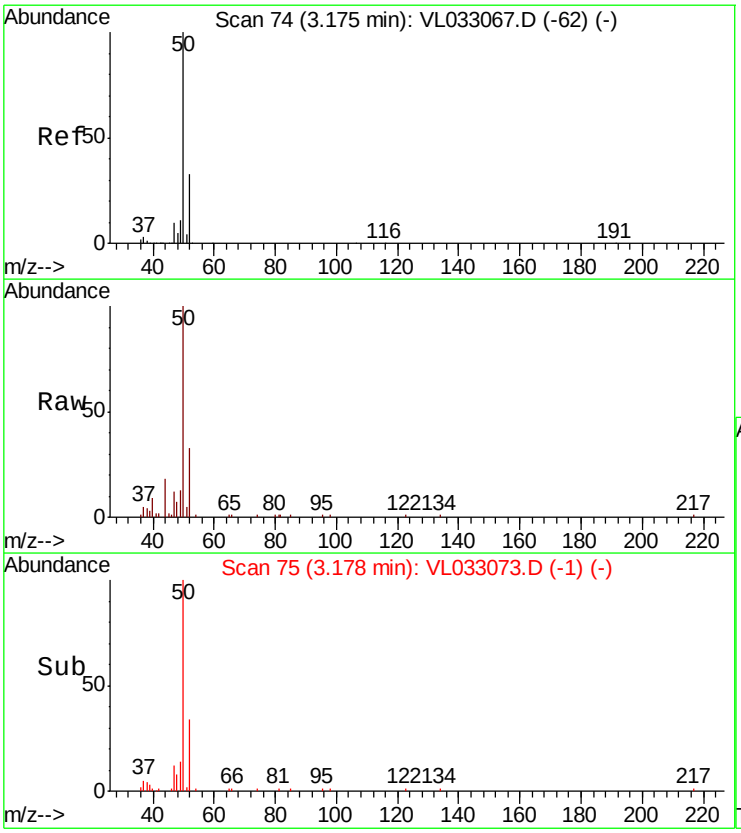
#3
Chlorodifluoromethane
Concen: 1.347 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.02 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion: 51 Resp: 149184

Ion	Ratio	Lower	Upper
51	100		
67	6.7	16.3	24.5#

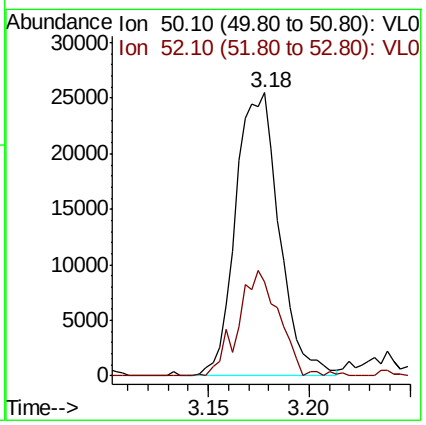


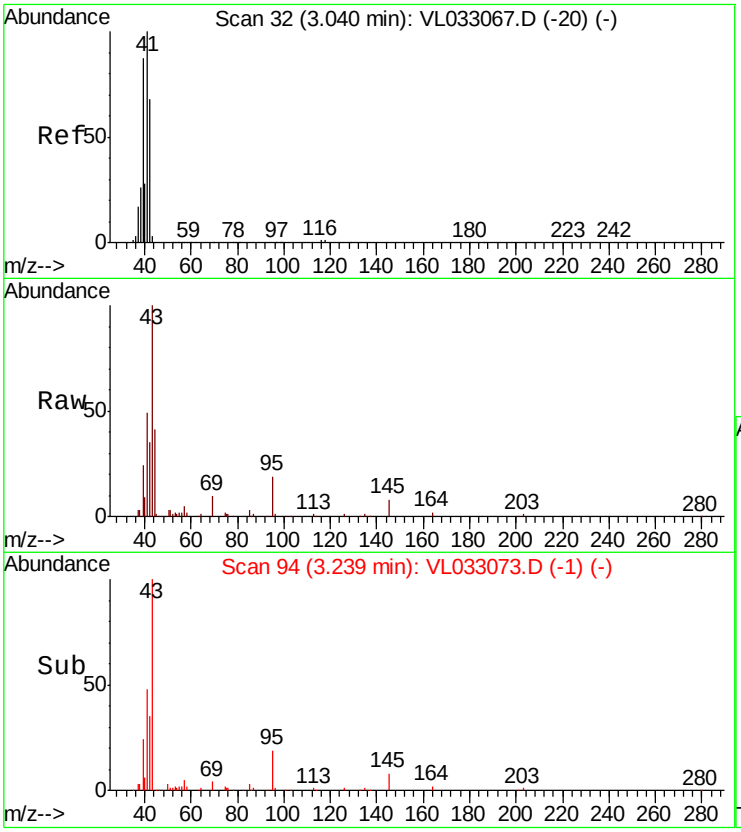


#4
Chloromethane
Concen: 0.609 ppbv
RT: 3.18 min Scan# 75
Delta R.T. 0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 50 Resp: 38612

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.9	40.3



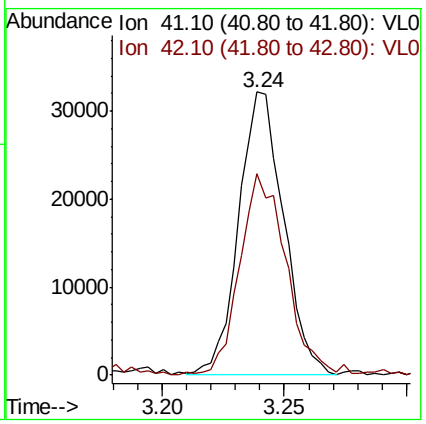


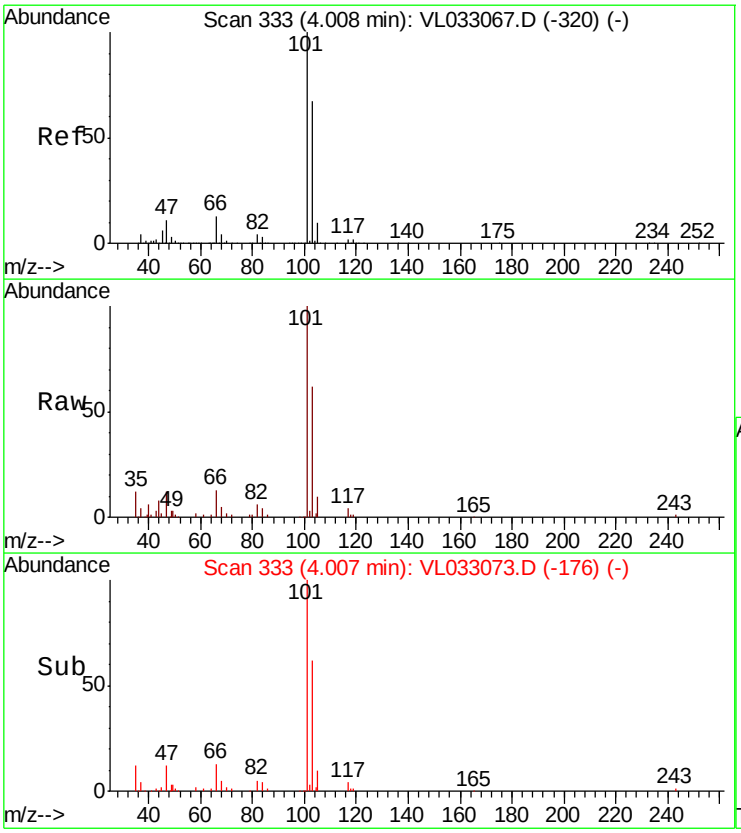
#9
Propene
Concen: 0.989 ppbv
RT: 3.24 min Scan# 94
Delta R.T. 0.20 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument : MSVOA_L
ClientSampleId : SVI-IA1-2018-12-19

Tgt Ion: 41 Resp: 40931

Ion	Ratio	Lower	Upper
41	100		
42	75.2	55.3	82.9

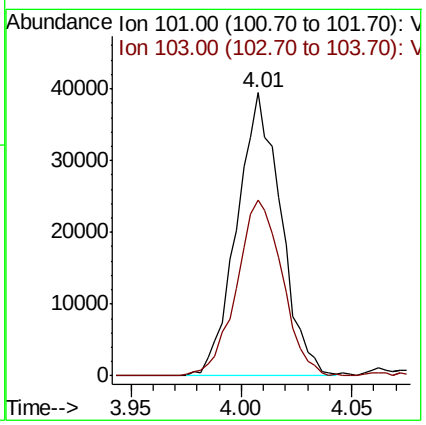


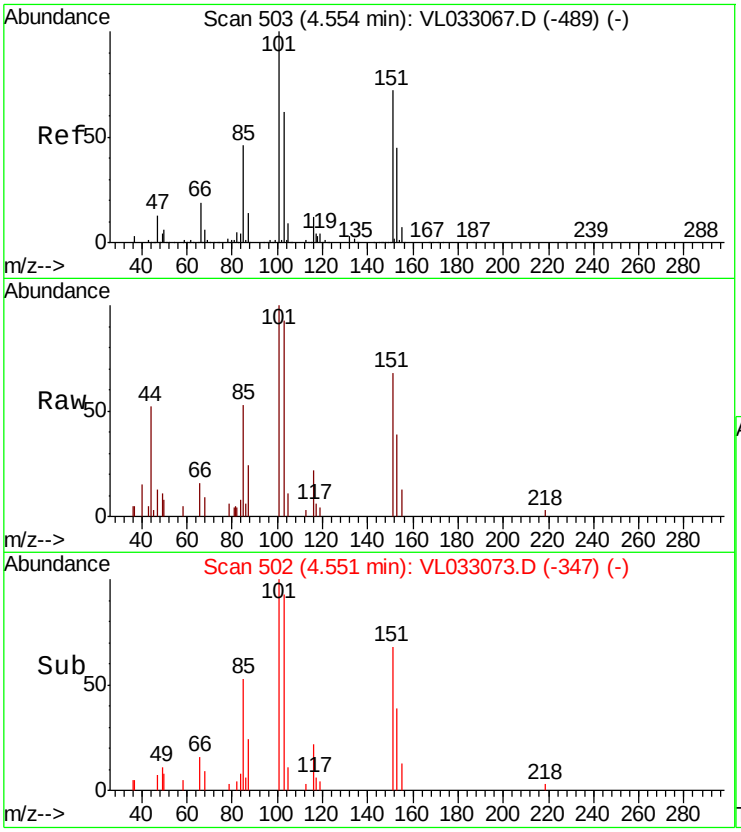


#11
Trichlorofluoromethane
Concen: 0.273 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion:101 Resp: 54925

Ion	Ratio	Lower	Upper
101	100		
103	61.5	51.7	77.5



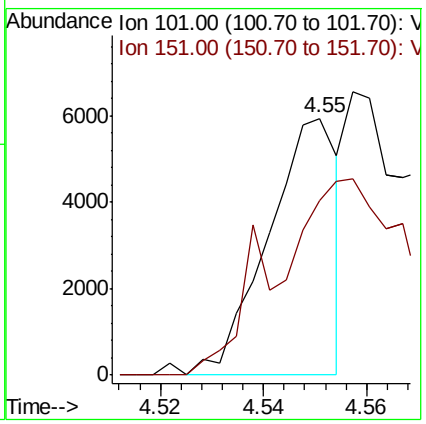


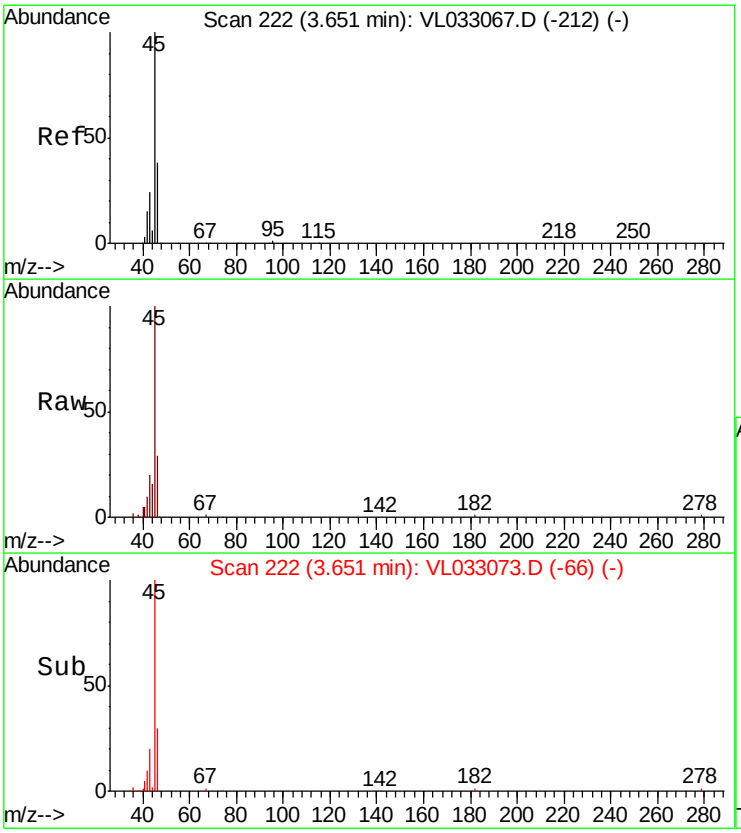
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.044 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion:101 Resp: 5550

Ion	Ratio	Lower	Upper
101	100		
151	0.0	58.3	87.5#

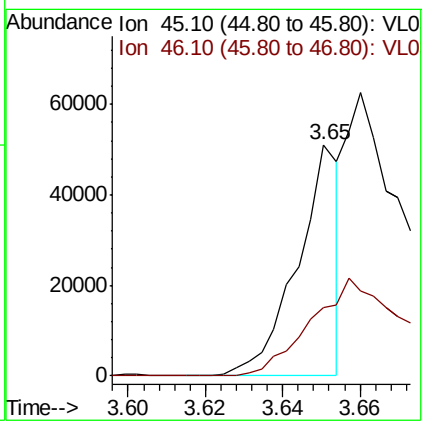


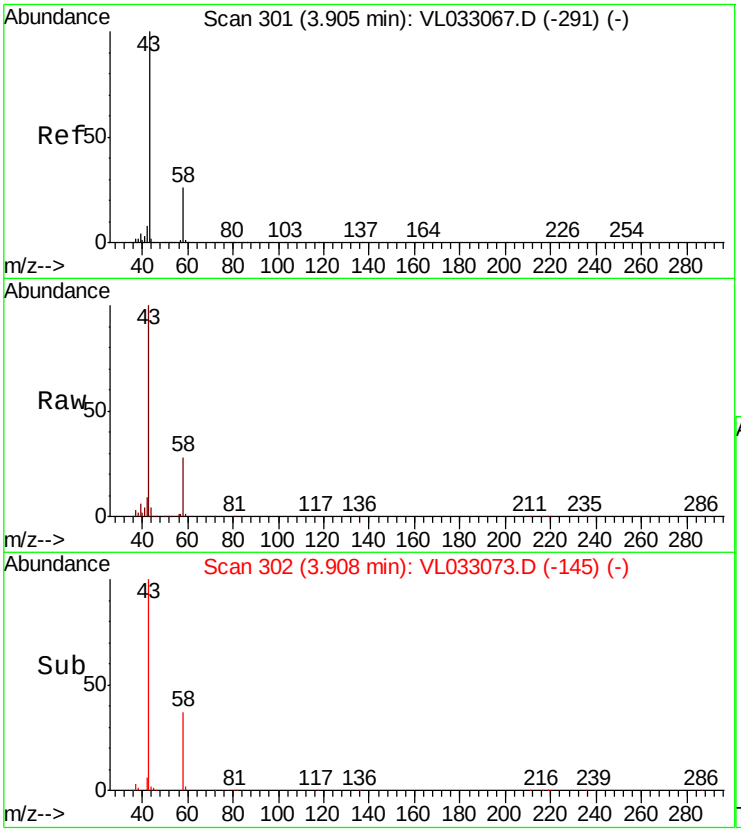


#13
Ethanol
Concen: 2.321 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 45 Resp: 38287

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.2#



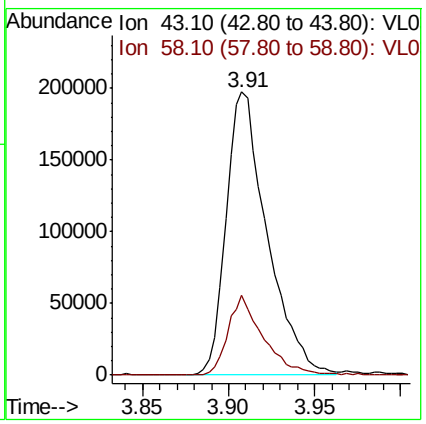


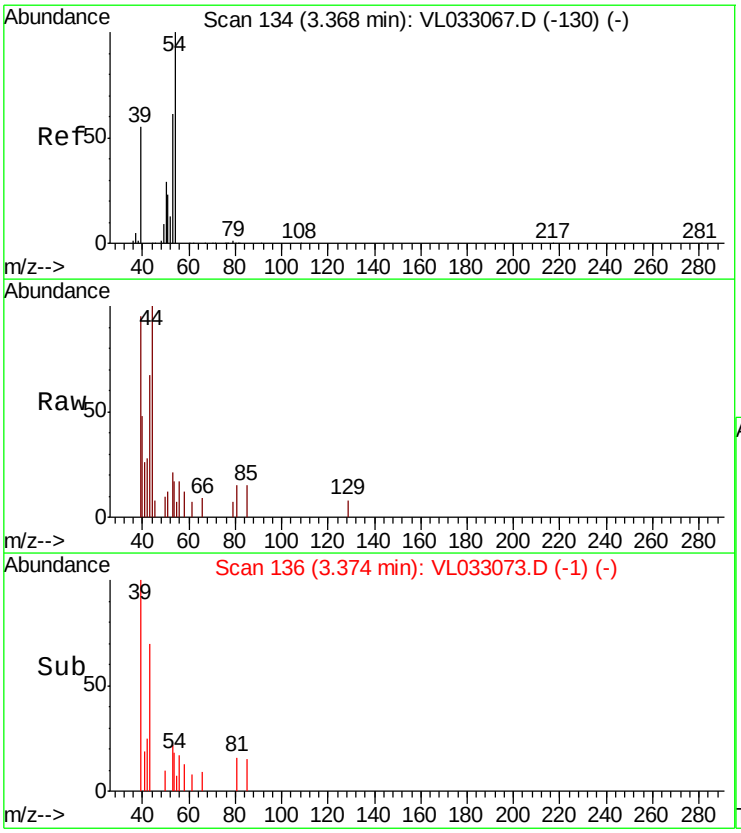
#15
Acetone
Concen: 2.427 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion: 43 Resp: 328618

Ion	Ratio	Lower	Upper
43	100		
58	24.7	21.1	31.7

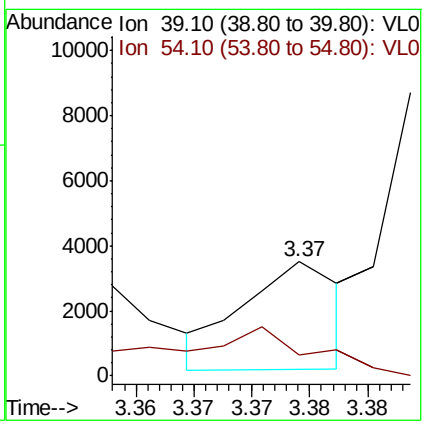


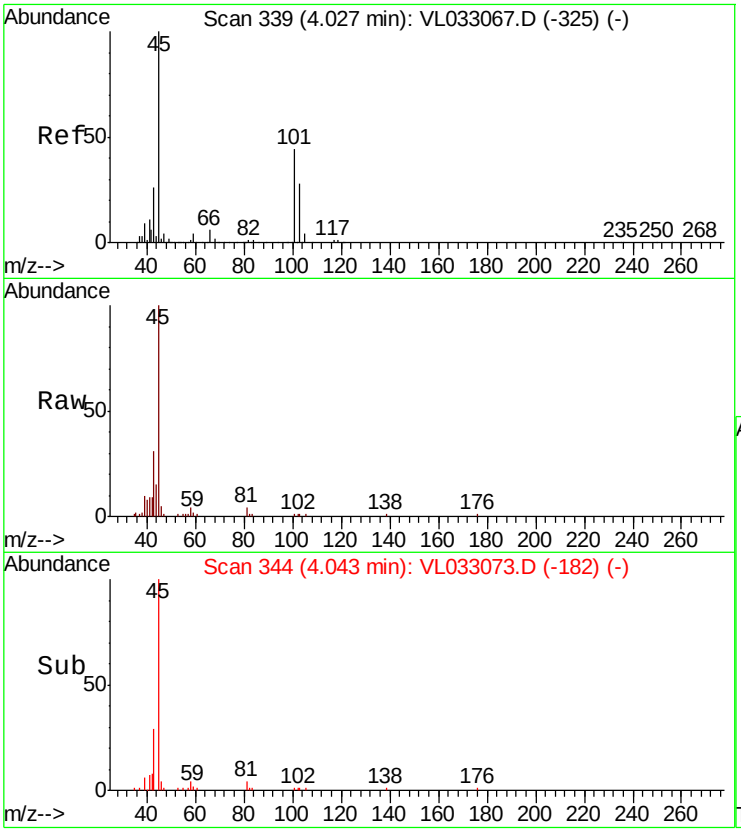


#16
1,3-Butadiene
Concen: 0.037 ppbv
RT: 3.37 min Scan# 136
Delta R.T. 0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 39 Resp: 1910

Ion	Ratio	Lower	Upper
39	100		
54	82.3	73.7	110.5



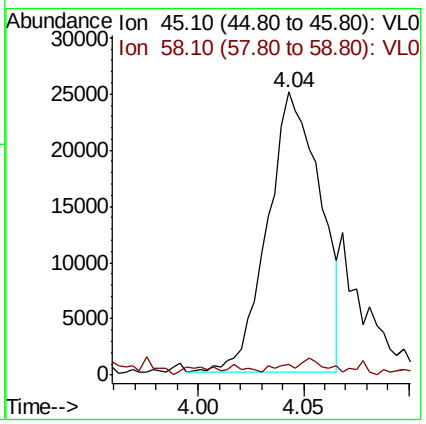


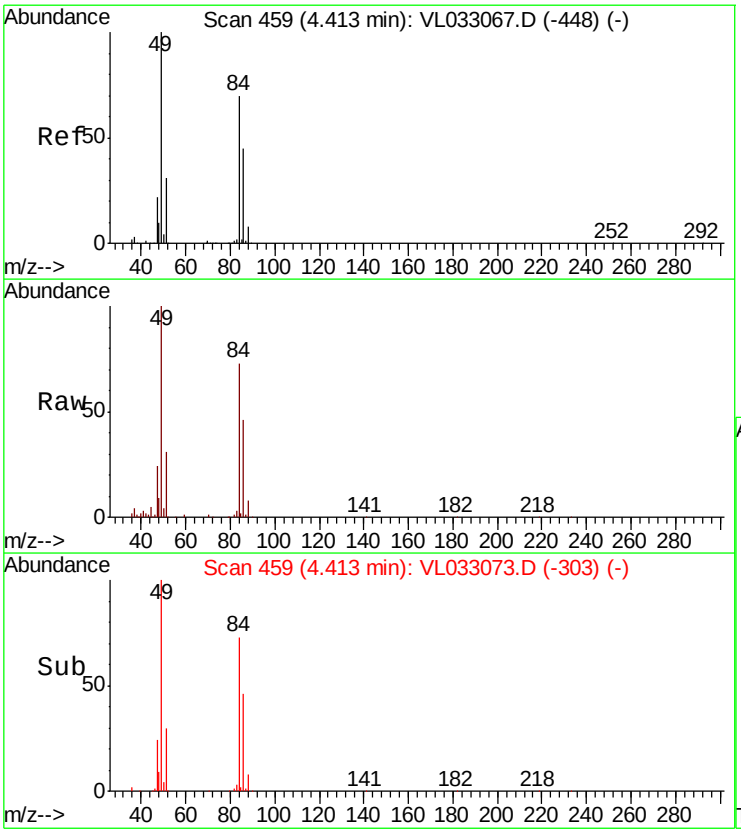
#19
Isopropyl Alcohol
Concen: 0.464 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument : MSVOA_L
ClientSampleId : SVI-IA1-2018-12-19

Tgt Ion: 45 Resp: 43249

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

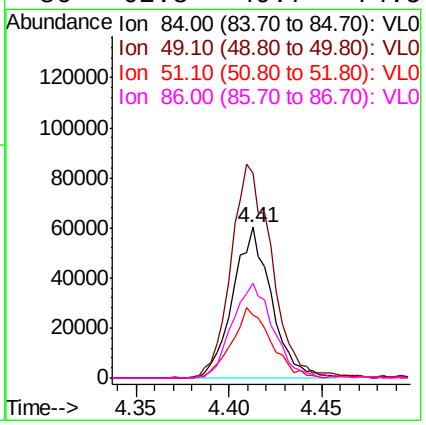


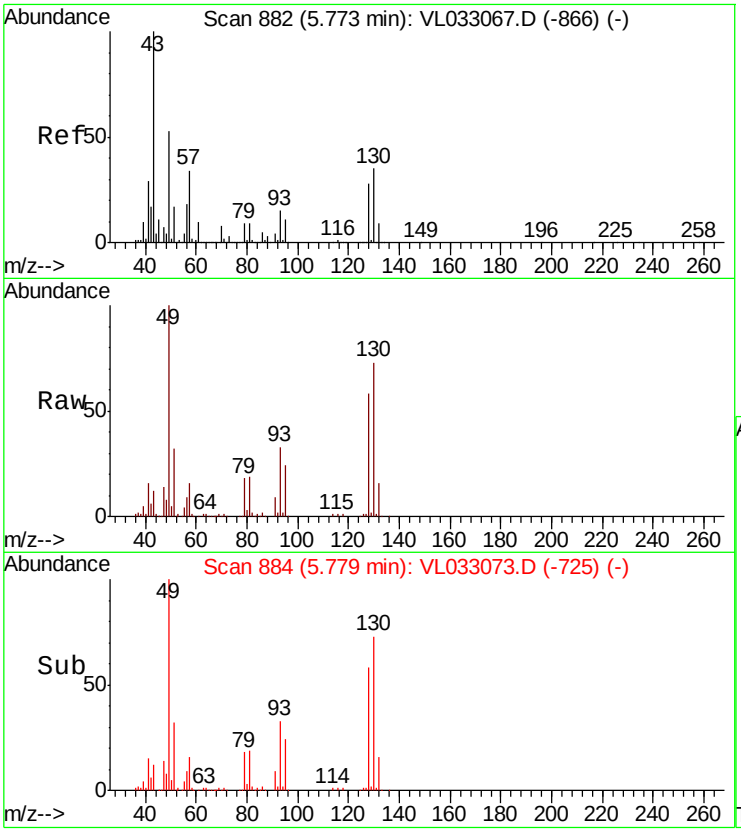


#20
Methylene Chloride
Concen: 1.538 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 84 Resp: 86843

Ion	Ratio	Lower	Upper
84	100		
49	135.8	115.8	173.6
51	41.8	35.7	53.5
86	62.8	49.7	74.5



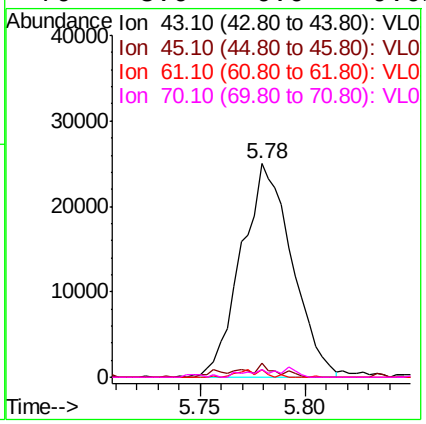


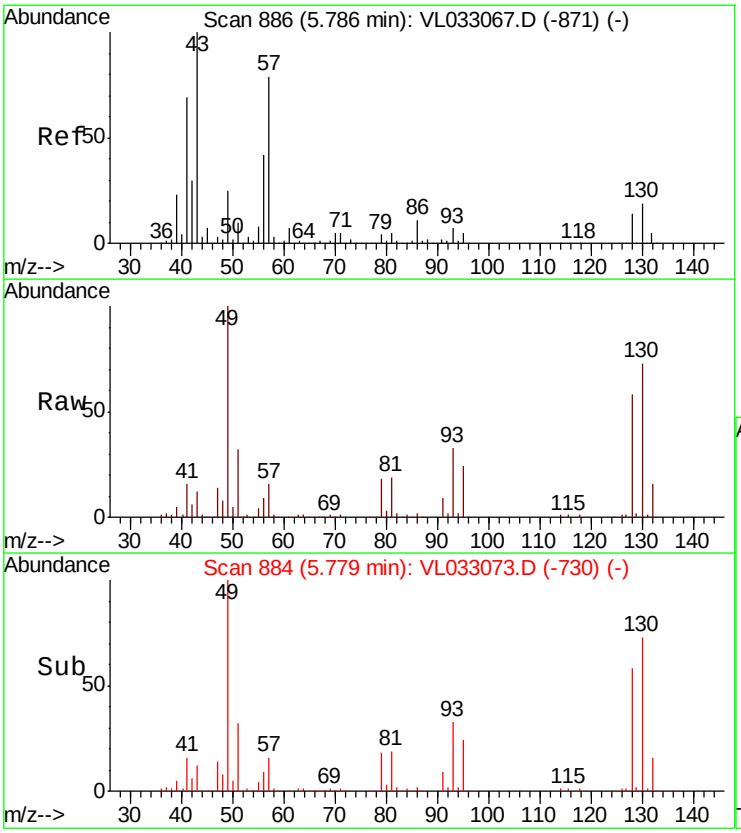
#25
Ethyl Acetate
Concen: 0.183 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion: 43 Resp: 41821

Ion	Ratio	Lower	Upper
43	100		
45	4.8	7.9	11.9#
61	2.0	7.8	11.8#
70	3.6	6.0	9.0#

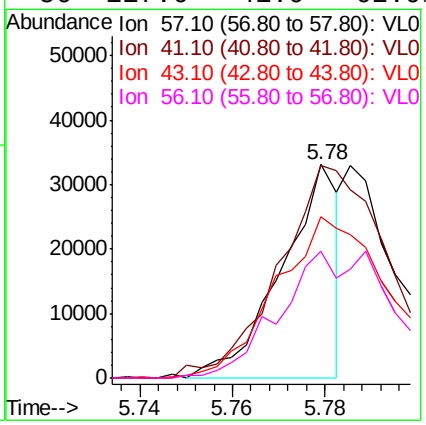


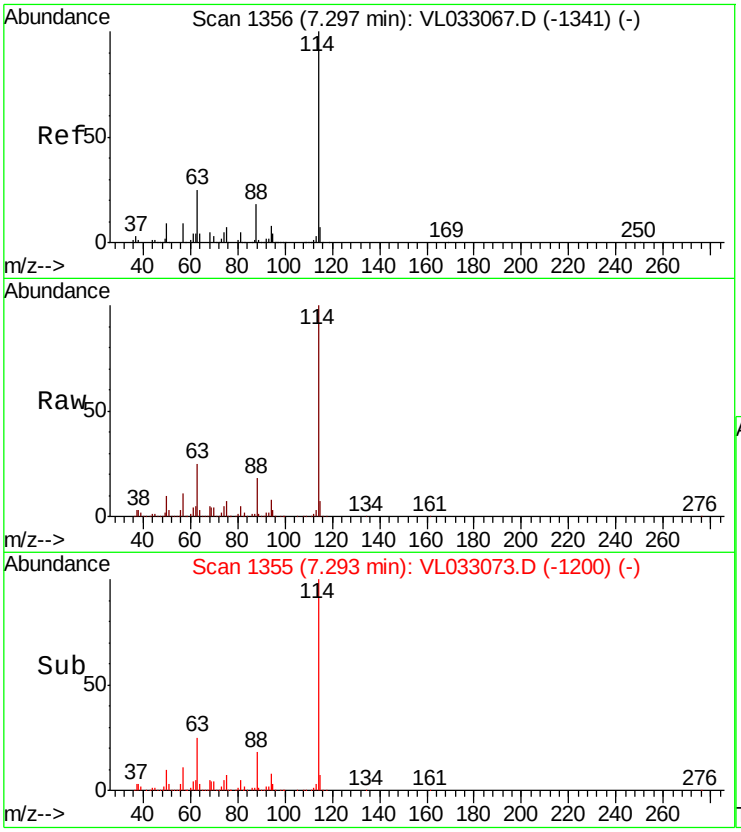


#26
Hexane
Concen: 0.261 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 57 Resp: 28101

Ion	Ratio	Lower	Upper
57	100		
41	195.5	70.8	106.2#
43	153.0	171.8	257.6#
56	117.6	41.9	62.9#



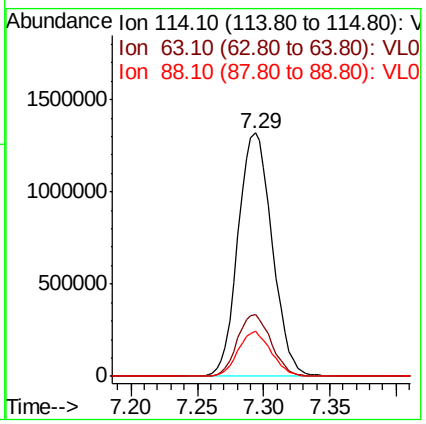


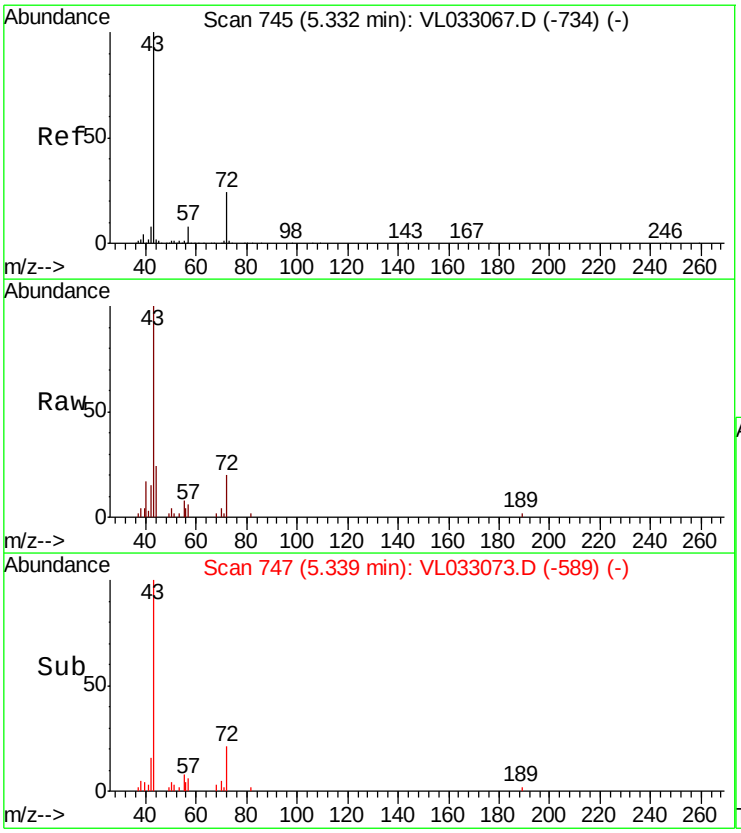
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion:114 Resp: 2364661

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.1	30.1
88	17.9	14.0	21.0

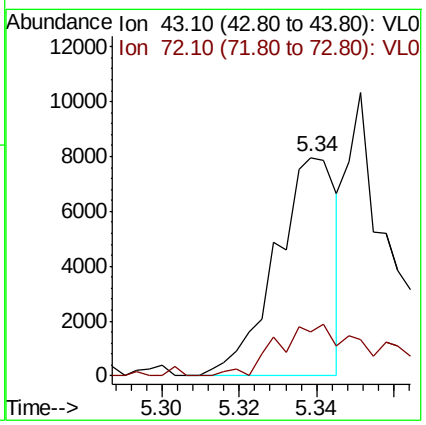


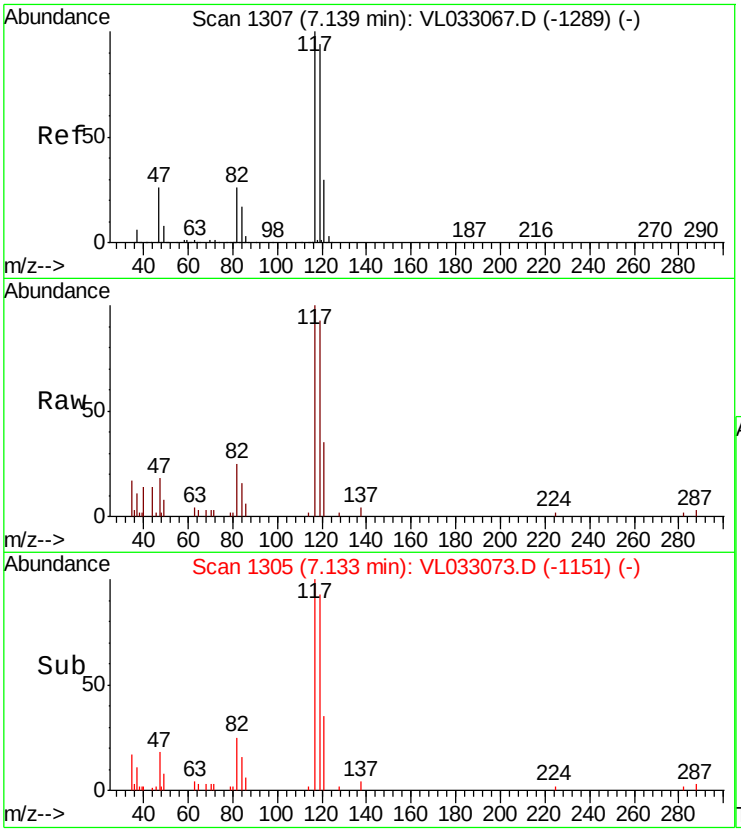


#34
2-Butanone
Concen: 0.063 ppbv
RT: 5.34 min Scan# 747
Delta R.T. 0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 43 Resp: 8650

Ion	Ratio	Lower	Upper
43	100		
72	41.5	18.9	28.3#



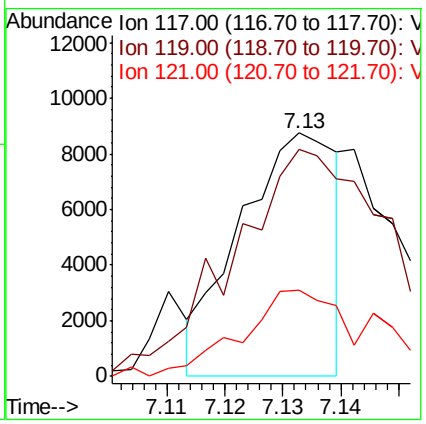


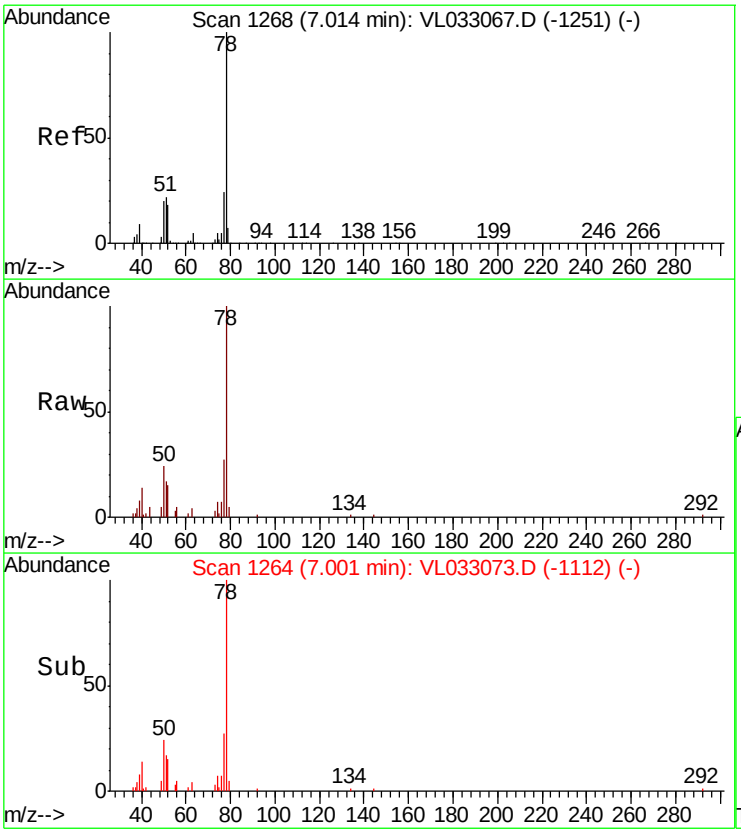
#35
Carbon Tetrachloride
Concen: 0.050 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. -0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion:117 Resp: 10144

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.5	114.7
121	40.2	25.2	37.8#

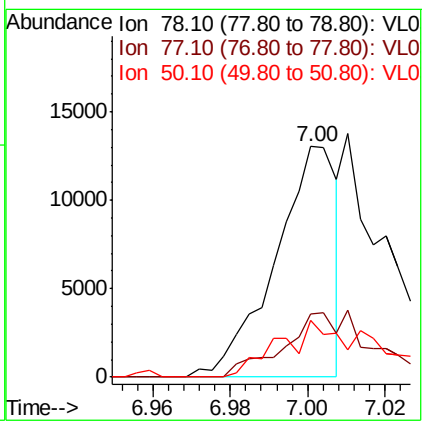


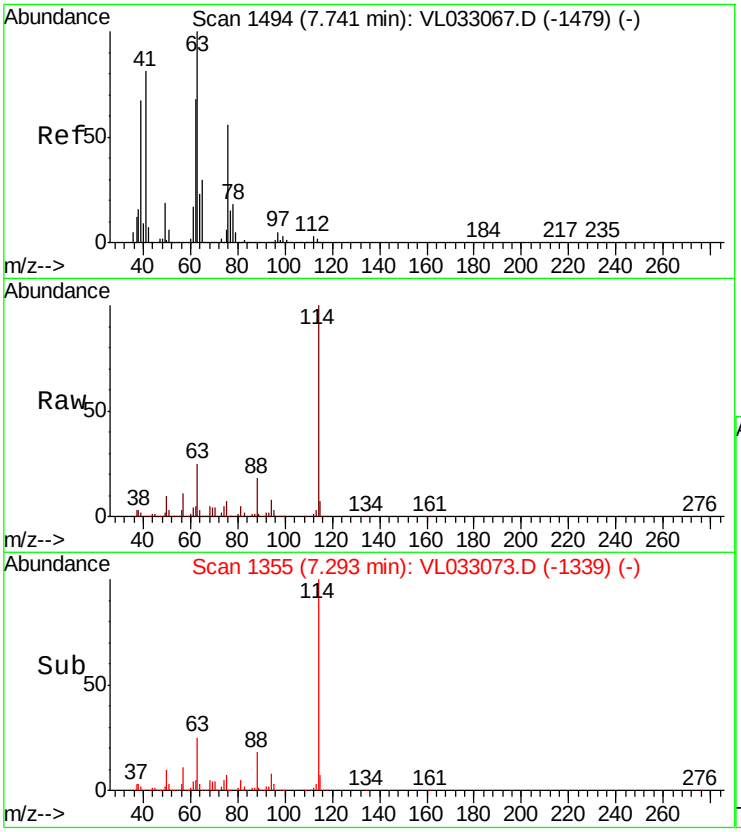


#36
Benzene
Concen: 0.074 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 78 Resp: 14425

Ion	Ratio	Lower	Upper
78	100		
77	27.5	18.5	27.7
50	21.7	15.7	23.5



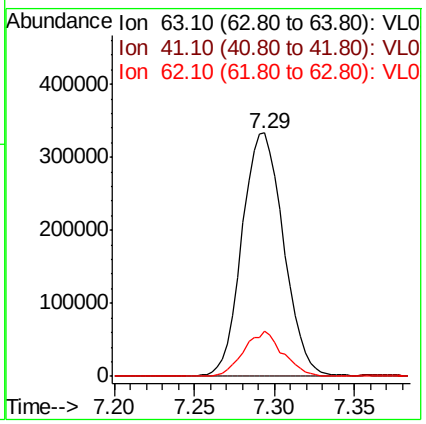


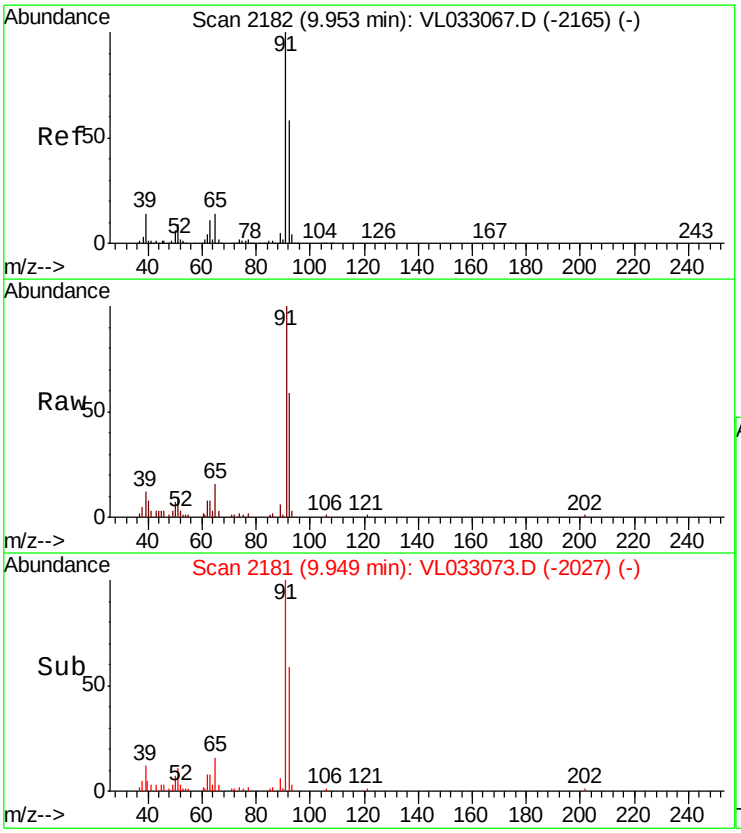
#39
1,2-Dichloropropane
Concen: 8.138 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion: 63 Resp: 592196

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.9	92.9#
62	18.4	55.8	83.6#

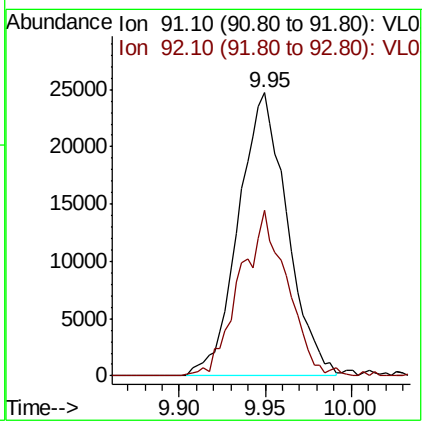


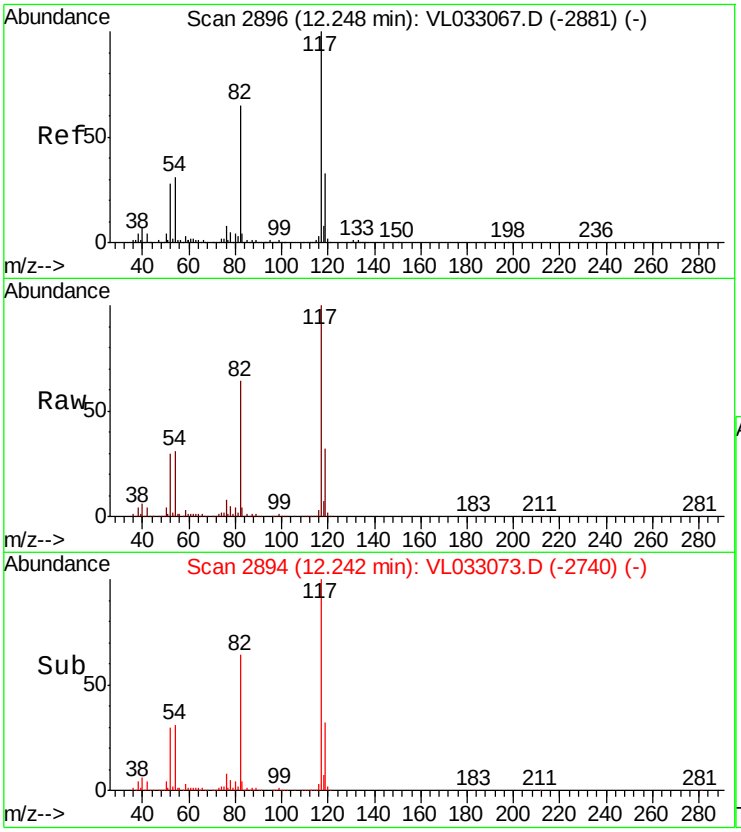


#53
Toluene
Concen: 0.234 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 91 Resp: 48556

Ion	Ratio	Lower	Upper
91	100		
92	57.2	47.7	71.5



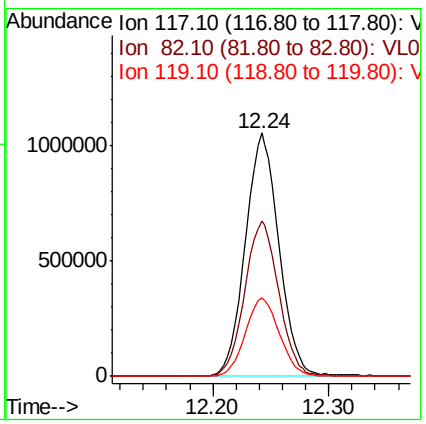


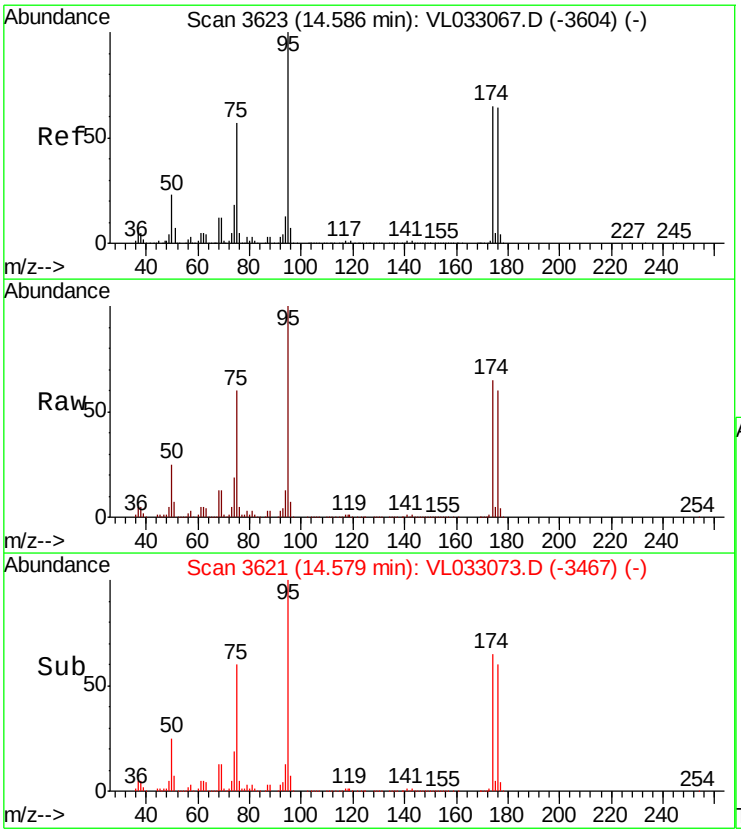
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19

Tgt Ion:117 Resp: 2129057

Ion	Ratio	Lower	Upper
117	100		
82	64.8	48.9	73.3
119	33.0	24.6	37.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.809 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL033073.D
Acq: 4 Jan 2019 18:28

Tgt Ion: 95 Resp: 1600813

Ion	Ratio	Lower	Upper
95	100		
174	65.9	51.9	77.9
175	5.0	3.9	5.9