Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120919\
Data File : VL034477.D
Acq On : 9 Dec 2019 23:26
Operator : SY/AP
Sample : K6195-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1A-TEDL

Quant Time: Dec 10 03:42:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	876800	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1699413	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1739512	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1462859	10.00	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	7954	0.050	ppbv #	71
3) Chlorodifluoromethane	2.95	51	15049	0.138	ppbv #	90
9) Propene	3.33	41	3122	0.064	ppbv	96
13) Ethanol	3.59	45	21276	1.573	ppbv #	40
15) Acetone	3.85	43	46093	0.367	ppbv	96
19) Isopropyl Alcohol	3.98	45	6844	0.085	ppbv #	96
20) Methylene Chloride	4.34	84	7649	0.172	ppbv #	79
39) 1,2-Dichloropropane	7.20	63	507235	7.750	ppbv #	24
52) Tetrachloroethene	11.27	164	660420	8.985	ppbv	97
53) Toluene	9.84	91	6937	0.036	ppbv #	69

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

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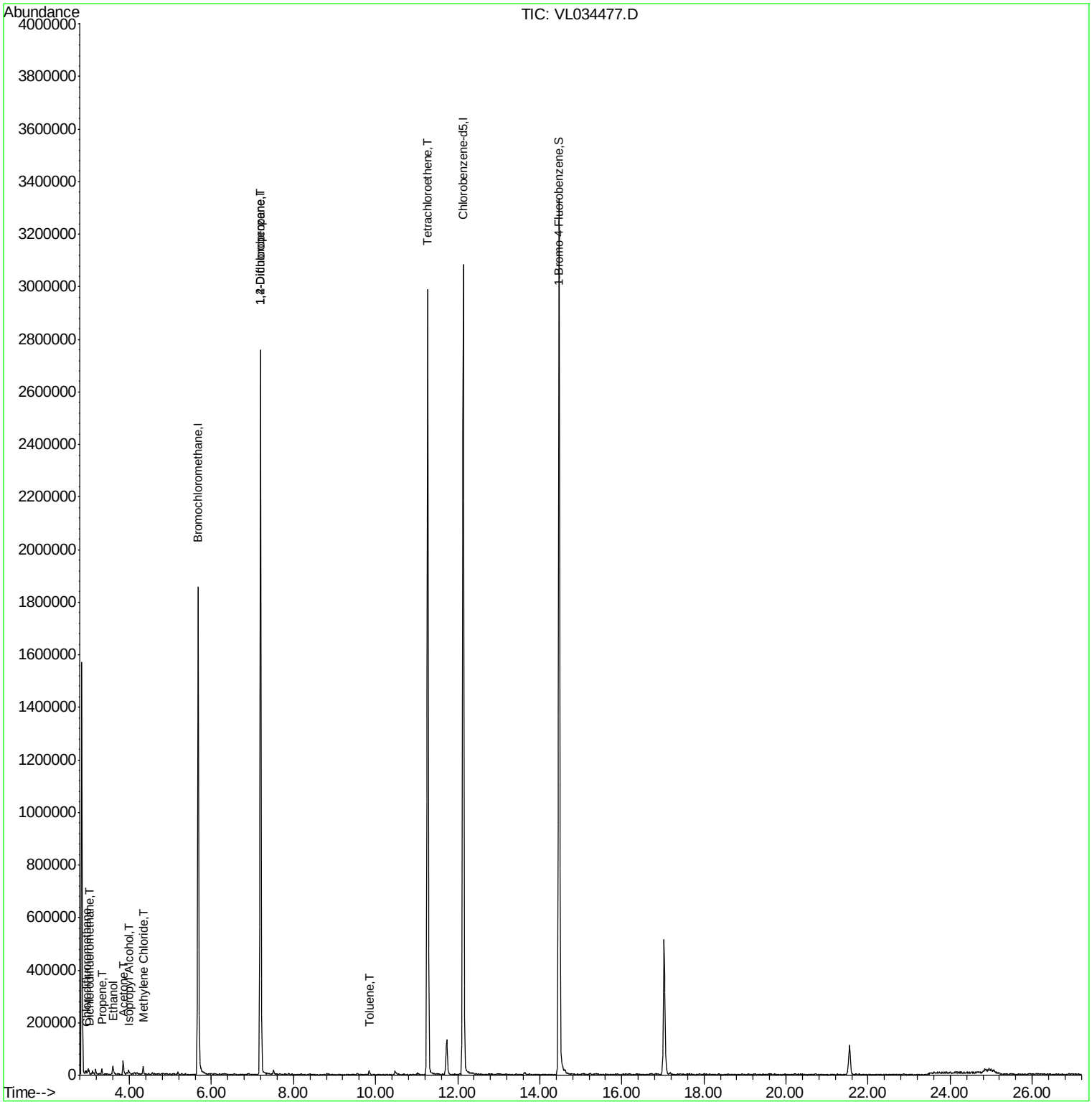
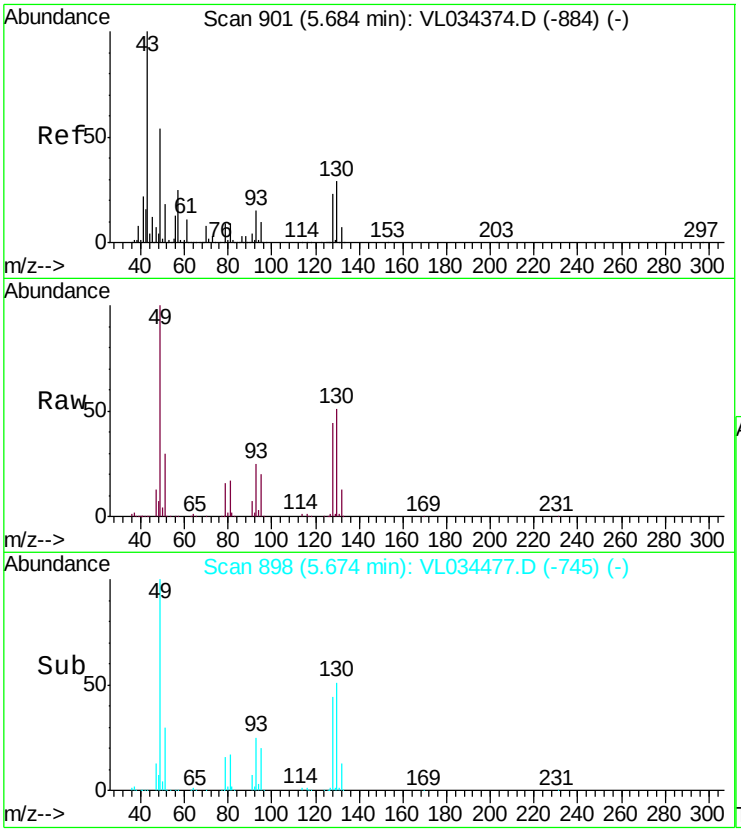


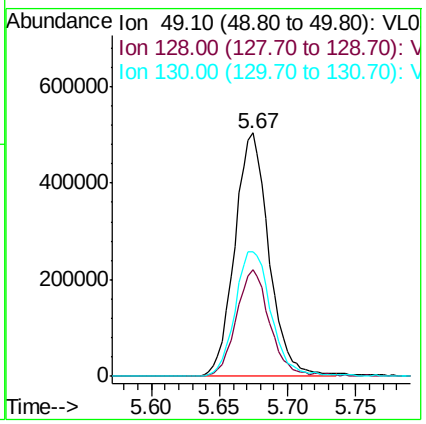


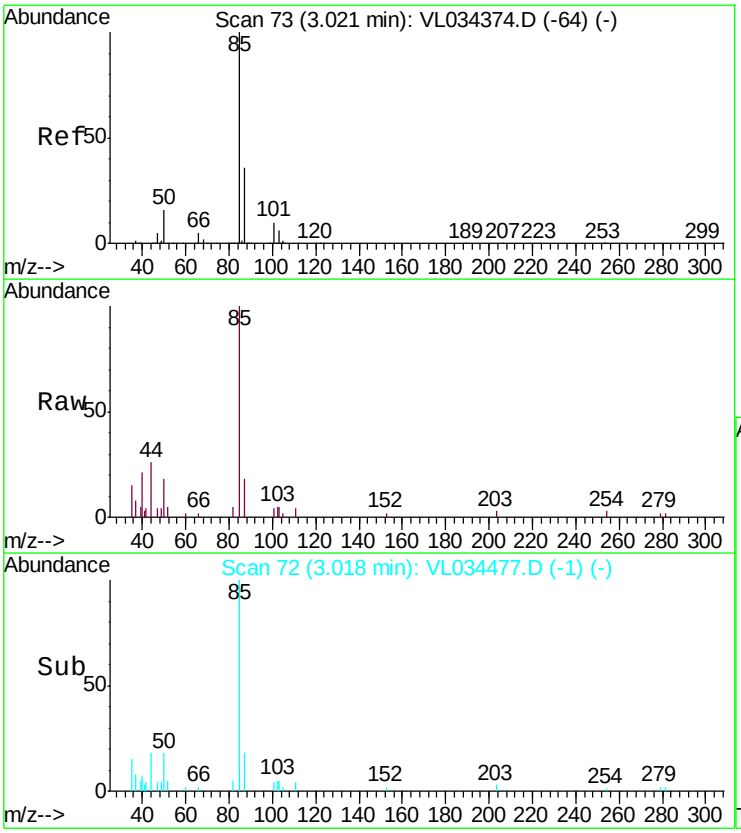
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument :
MSVOA_L
ClientSampleId :
1A-TEDL

Tgt Ion: 49 Resp: 876800

Ion	Ratio	Lower	Upper
49	100		
128	43.2	21.8	65.3
130	55.0	28.0	84.0

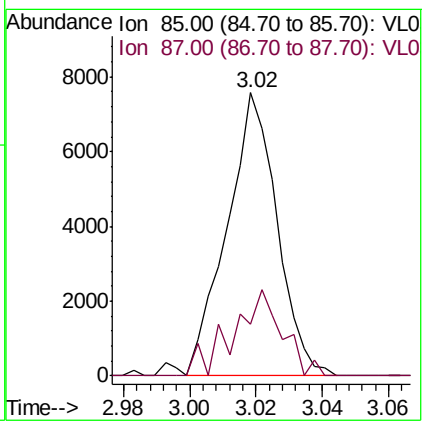


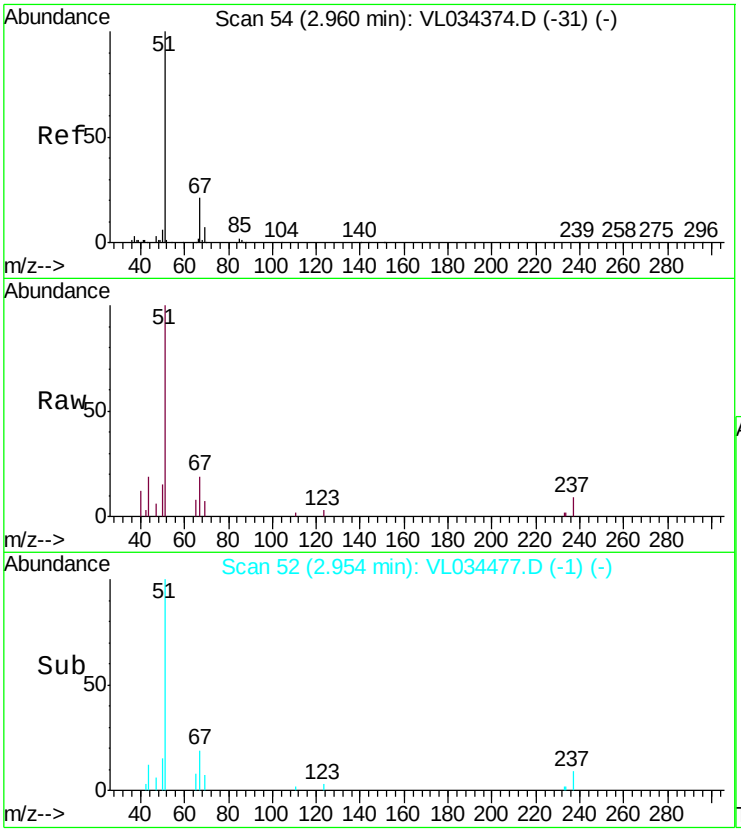


#2
Dichlorodifluoromethane
Concen: 0.050 ppbv
RT: 3.02 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 85 Resp: 7954

Ion	Ratio	Lower	Upper
85	100		
87	18.4	28.5	42.7#



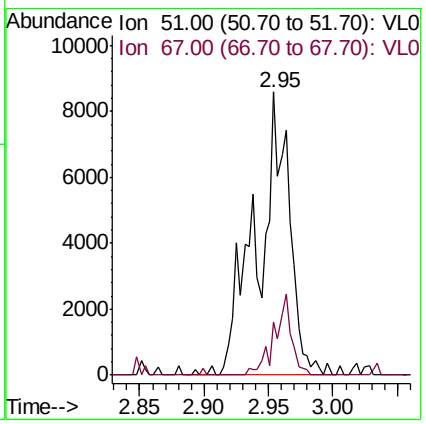


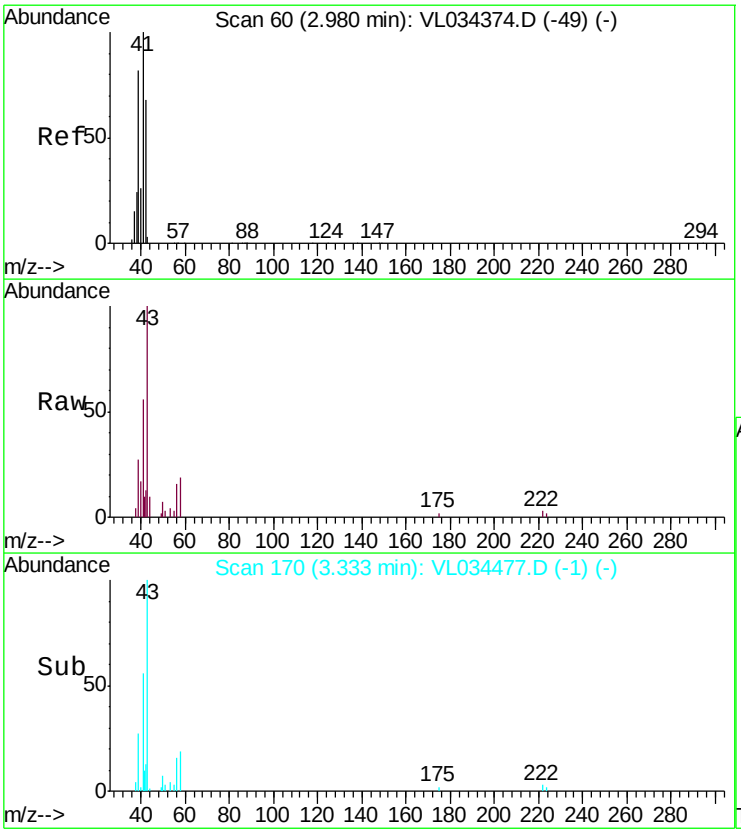
#3
Chlorodifluoromethane
Concen: 0.138 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument : MSVOA_L
ClientSampleId : 1A-TEDL

Tgt Ion: 51 Resp: 15049

Ion	Ratio	Lower	Upper
51	100		
67	15.4	16.2	24.2#

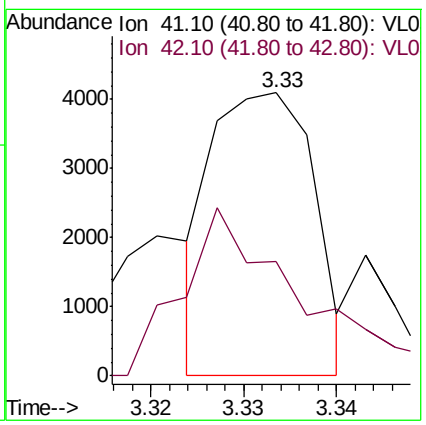


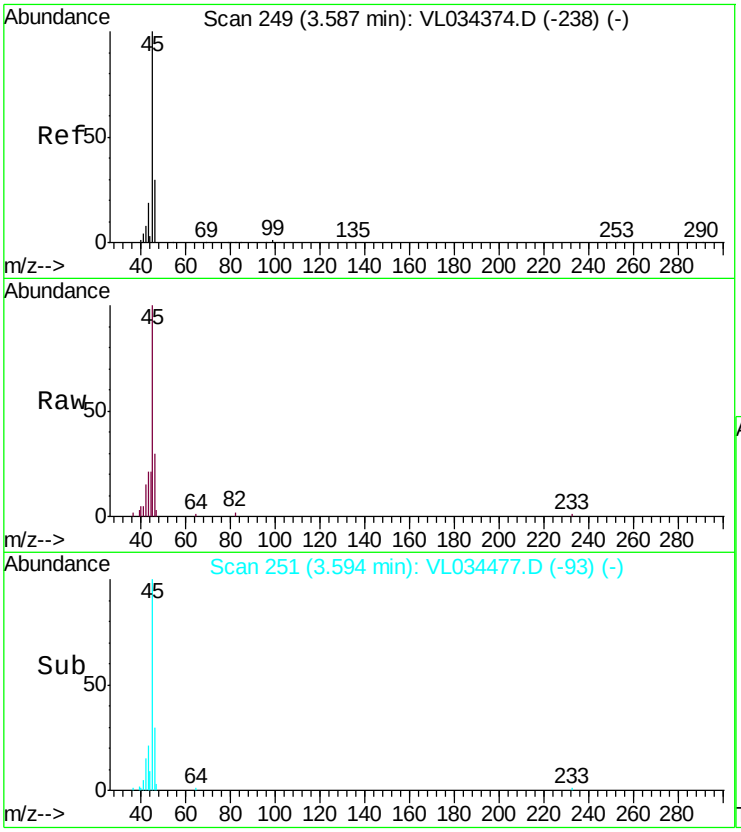


#9
Propene
Concen: 0.064 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.35 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 41 Resp: 3122

Ion	Ratio	Lower	Upper
41	100		
42	71.2	54.6	82.0



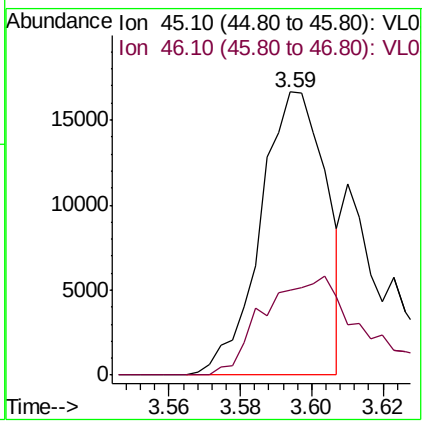


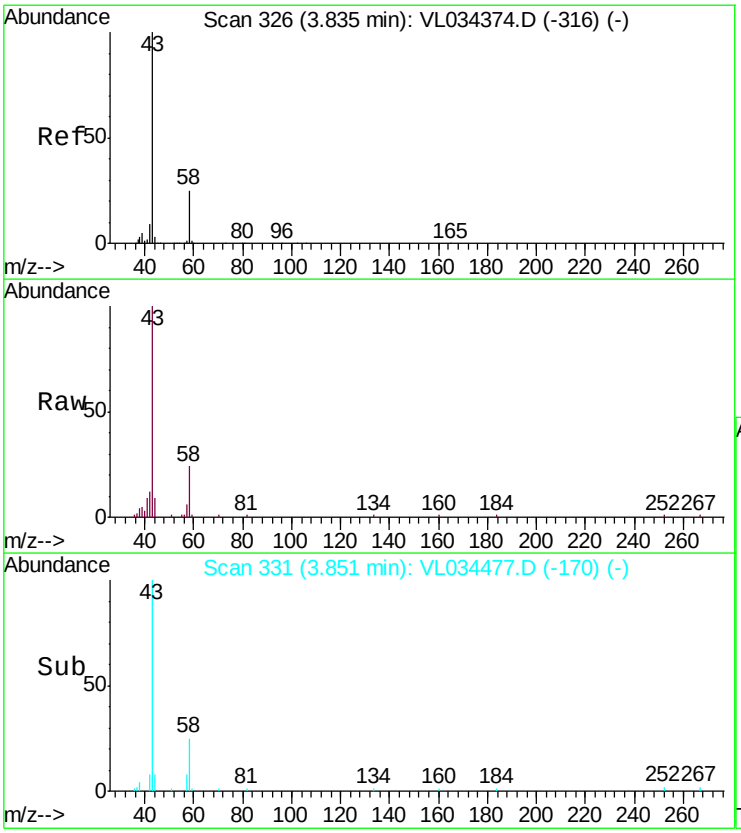
#13
Ethanol
Concen: 1.573 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument : MSVOA_L
ClientSampleId : 1A-TEDL

Tgt Ion: 45 Resp: 21276

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#

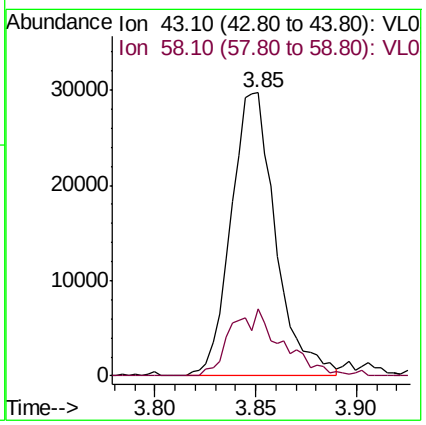


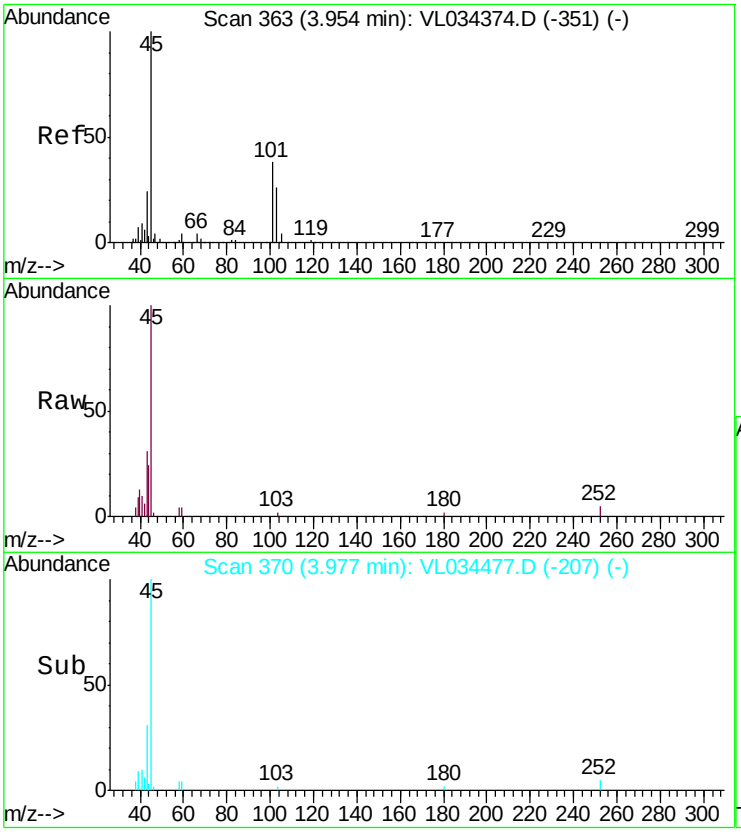


#15
Acetone
Concen: 0.367 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.02 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 43 Resp: 46093

Ion	Ratio	Lower	Upper
43	100		
58	27.3	20.2	30.4



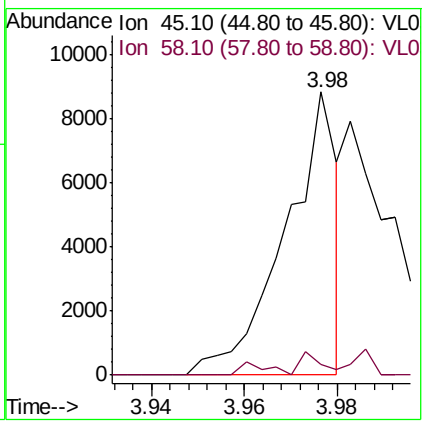


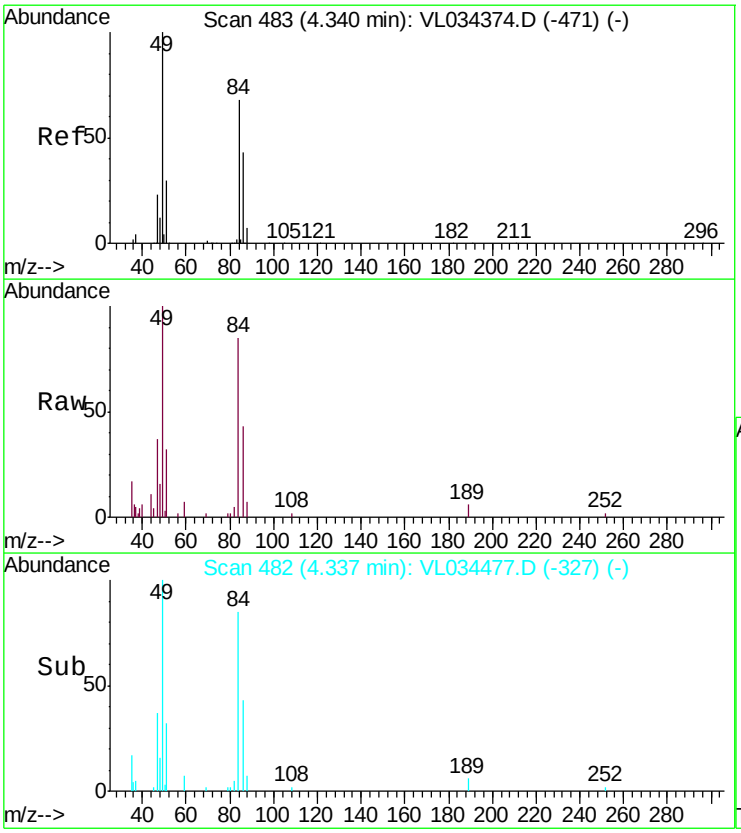
#19
Isopropyl Alcohol
Concen: 0.085 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument : MSVOA_L
ClientSampleId : 1A-TEDL

Tgt Ion: 45 Resp: 6844

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.3	1.9#

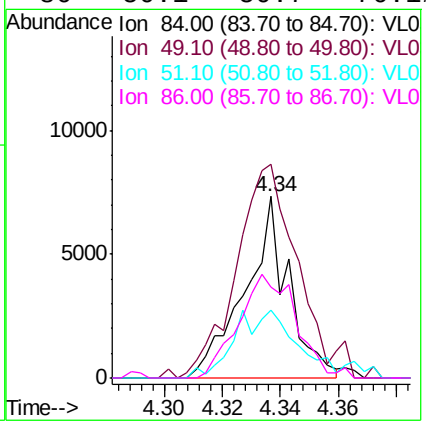


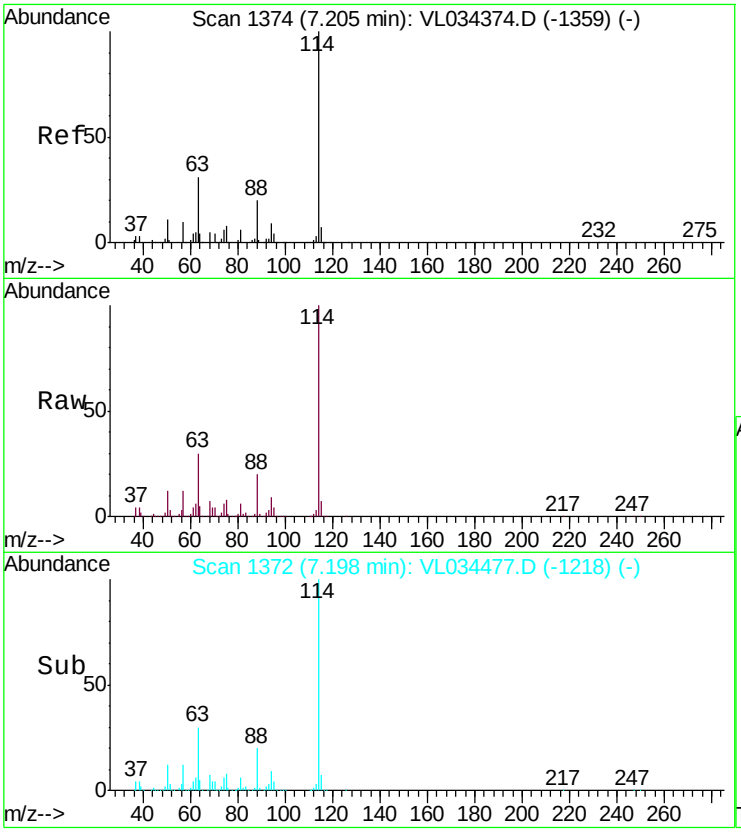


#20
Methylene Chloride
Concen: 0.172 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 84 Resp: 7649

Ion	Ratio	Lower	Upper
84	100		
49	115.0	116.8	175.2#
51	37.1	35.6	53.4
86	50.1	50.7	76.1#



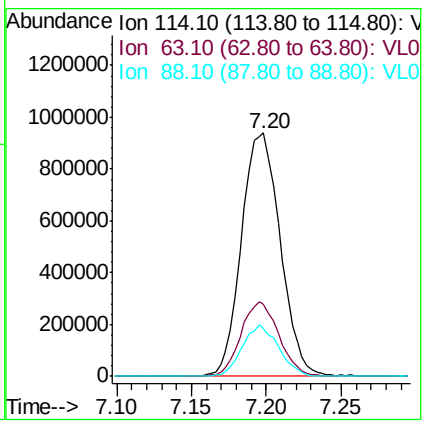


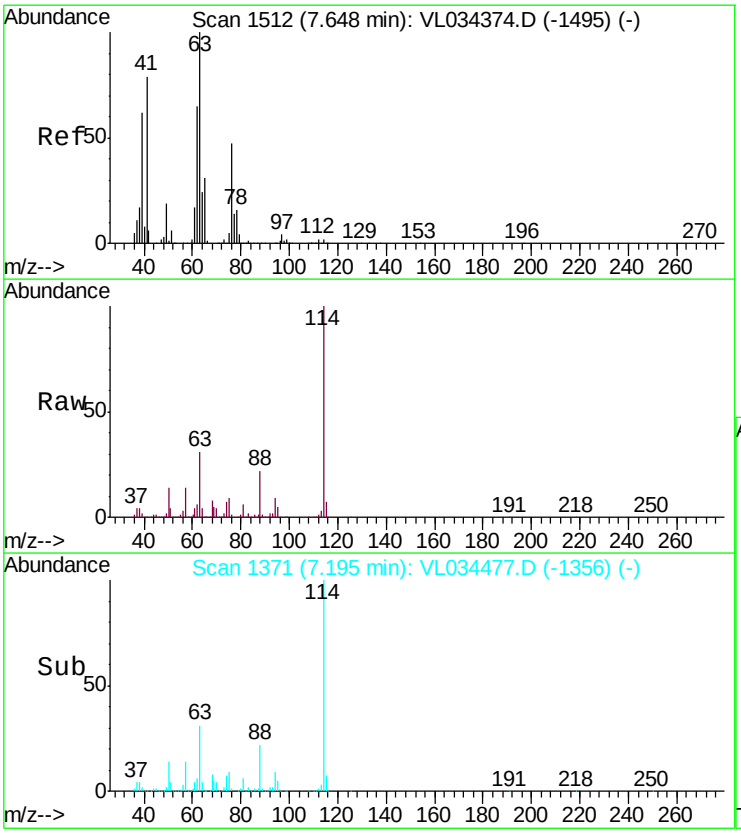
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument : MSVOA_L
ClientSampleId : 1A-TEDL

Tgt Ion:114 Resp: 1699413

Ion	Ratio	Lower	Upper
114	100		
63	30.0	24.2	36.4
88	19.9	15.9	23.9

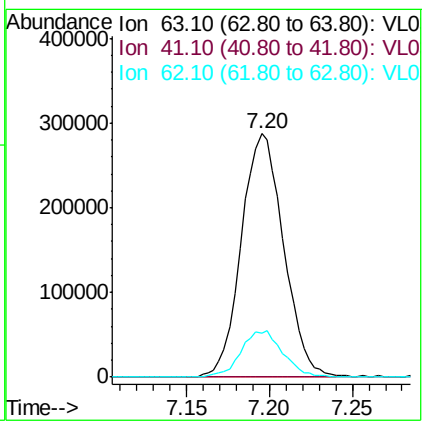


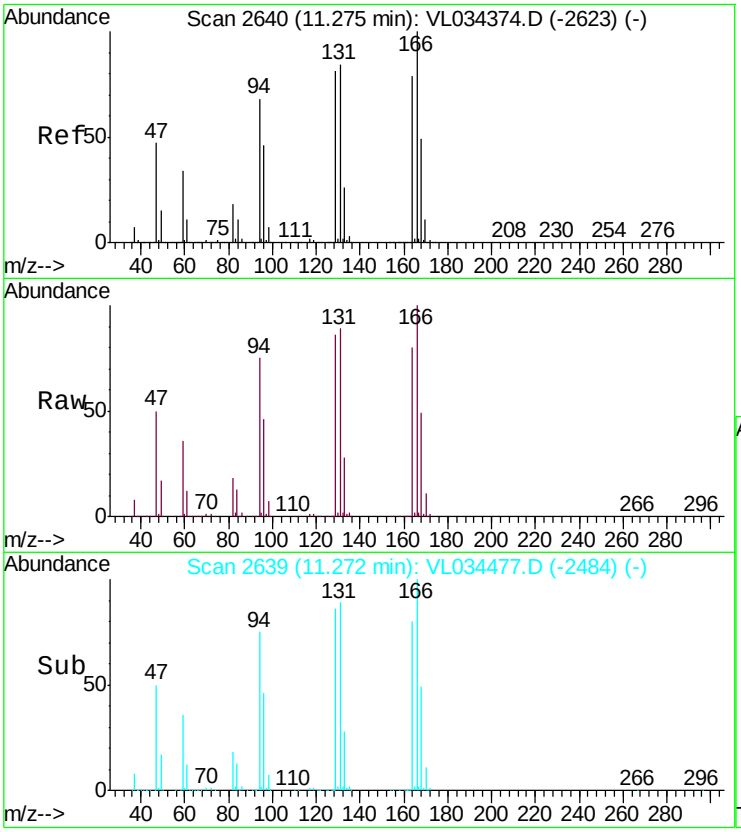


#39
1,2-Dichloropropane
Concen: 7.750 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. -0.45 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 63 Resp: 507235

Ion	Ratio	Lower	Upper
63	100		
41	0.1	63.1	94.7#
62	17.8	52.3	78.5#



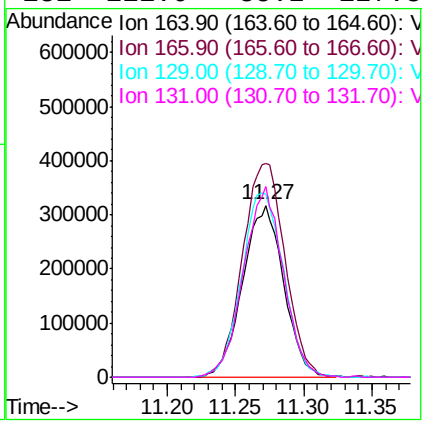


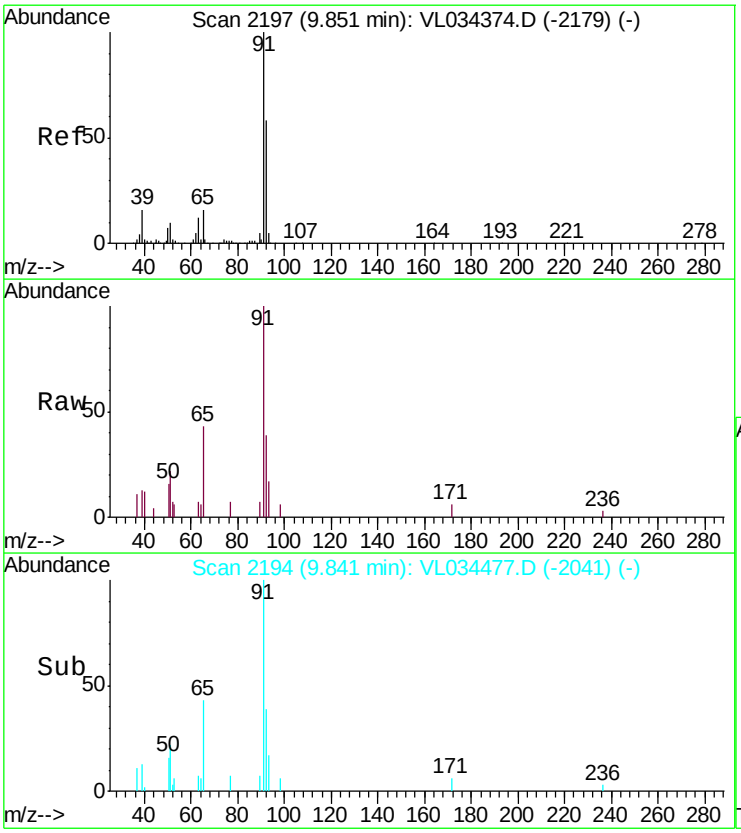
#52
Tetrachloroethene
Concen: 8.985 ppbv
RT: 11.27 min Scan# 2639
Delta R.T. -0.00 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument : MSVOA_L
ClientSampleId : 1A-TEDL

Tgt Ion:164 Resp: 660420

Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.7	152.5
129	106.6	82.6	123.8
131	111.0	85.2	127.8

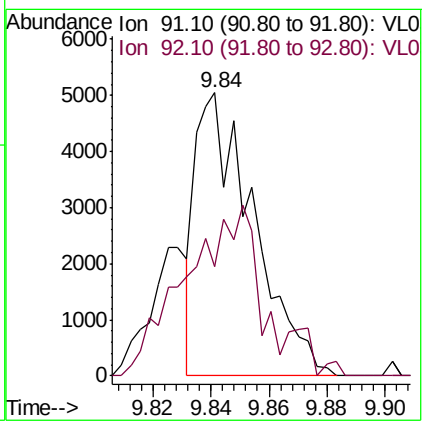


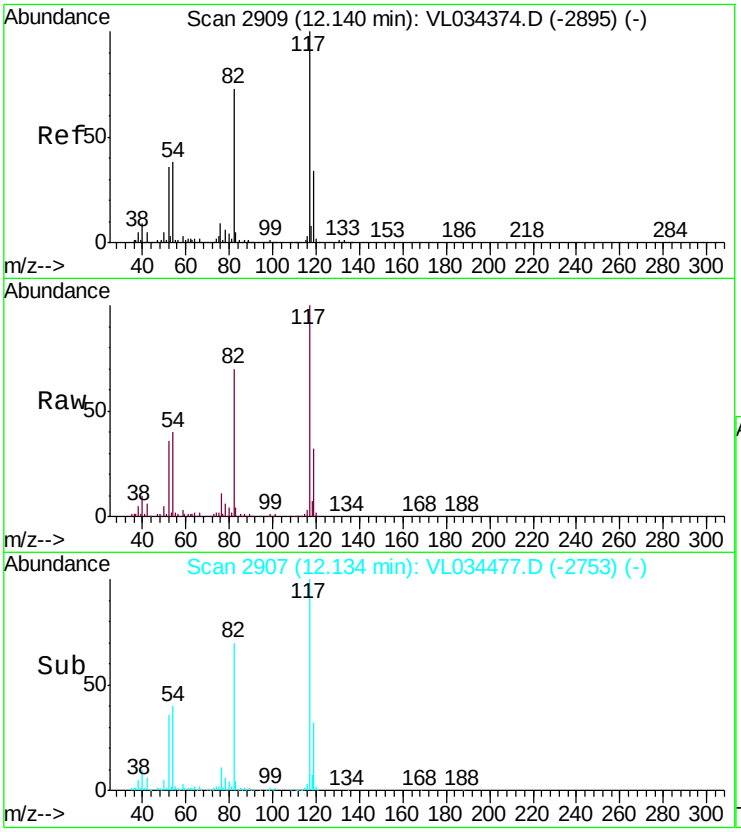


#53
Toluene
Concen: 0.036 ppbv
RT: 9.84 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 91 Resp: 6937

Ion	Ratio	Lower	Upper
91	100		
92	83.0	47.9	71.9#



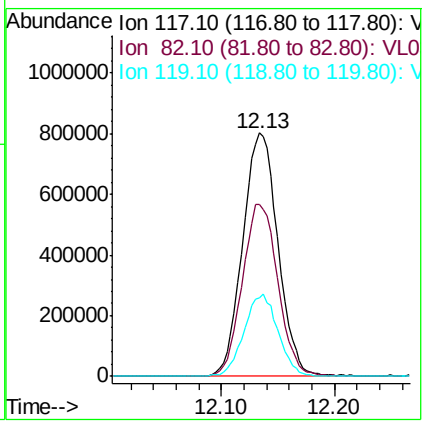


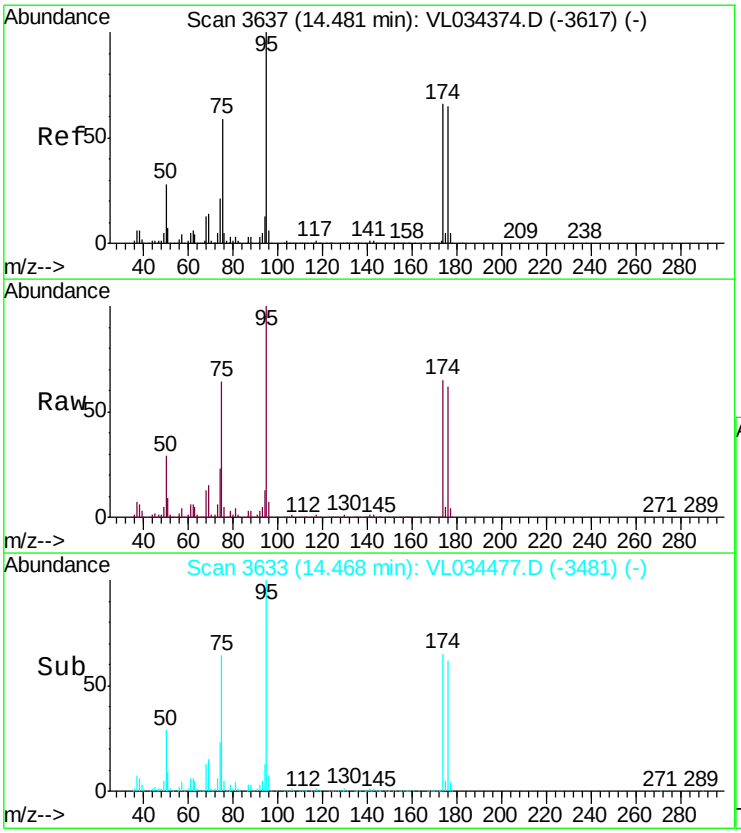
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Instrument : MSVOA_L
ClientSampleId : 1A-TEDL

Tgt Ion:117 Resp: 1739512

Ion	Ratio	Lower	Upper
117	100		
82	71.7	57.5	86.3
119	32.7	25.4	38.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.996 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034477.D
Acq: 9 Dec 2019 23:26

Tgt Ion: 95 Resp: 1462859

Ion	Ratio	Lower	Upper
95	100		
174	64.4	52.2	78.2
175	4.7	3.8	5.8