Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034441.D
Acq On : 3 Dec 2019 00:37
Operator : SY/AP
Sample : K6097-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA-1ADL

Quant Time: Dec 03 02:53:39 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	5.68	49	725802	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.21	114	1421421	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.15	117	1395291	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.48	95	1184974	10.09	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	10124	0.077	ppbv		94
4) Chloromethane	3.12	50	2000	0.037	ppbv		91
8) Dichlorotetrafluoroethane	3.03	85	10124	0.086	ppbv	#	19
13) Ethanol	3.59	45	1443	0.129	ppbv	#	40
15) Acetone	3.86	43	36595	0.352	ppbv		91
19) Isopropyl Alcohol	3.99	45	2551	0.038	ppbv	#	96
20) Methylene Chloride	4.34	84	14250	0.387	ppbv	#	65
26) Hexane	5.70	57	4858	0.061	ppbv	#	1
38) Trichloroethene	7.88	130	3680	0.063	ppbv	#	32
39) 1,2-Dichloropropane	7.21	63	422208	7.713	ppbv	#	25

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

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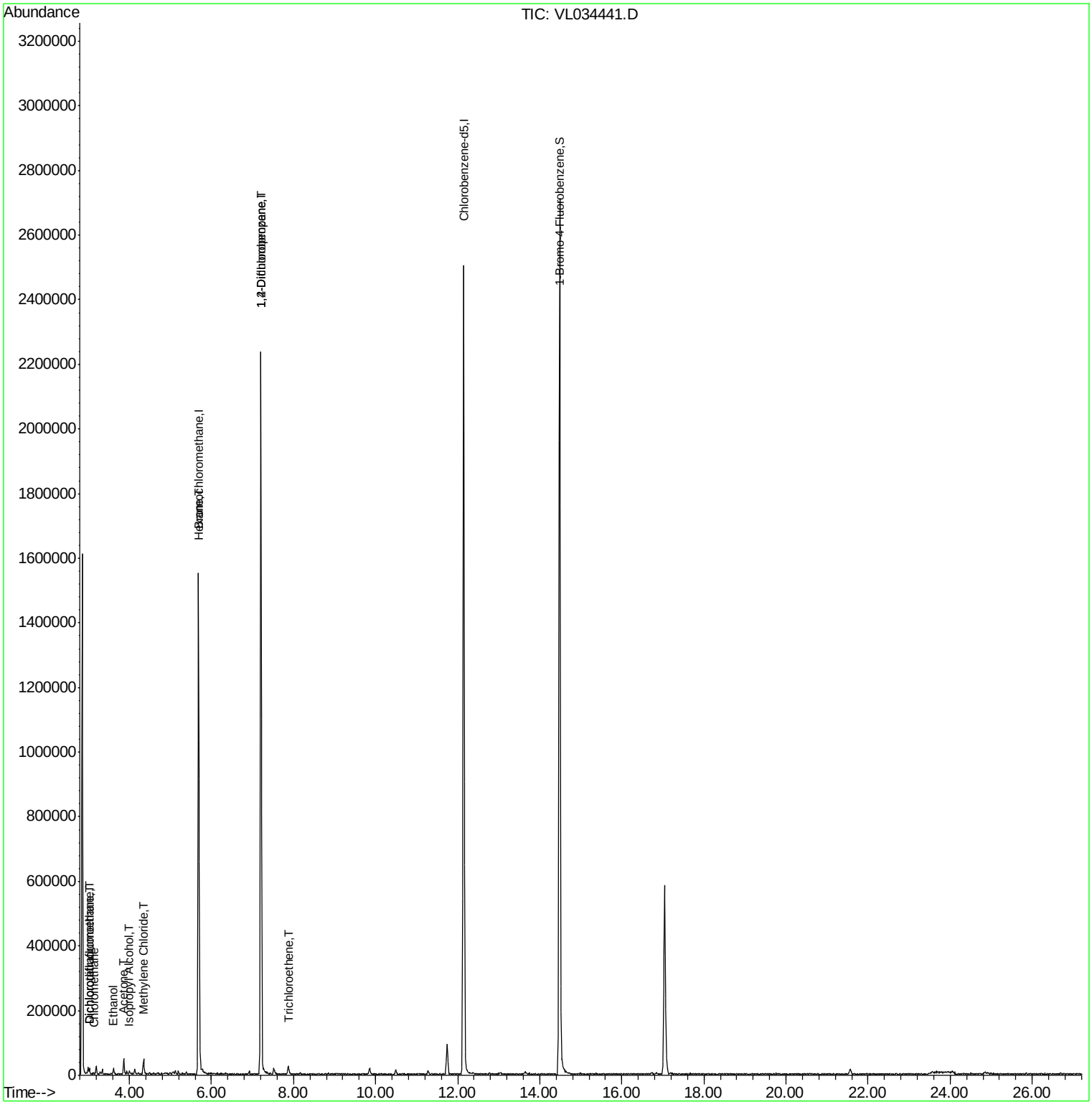
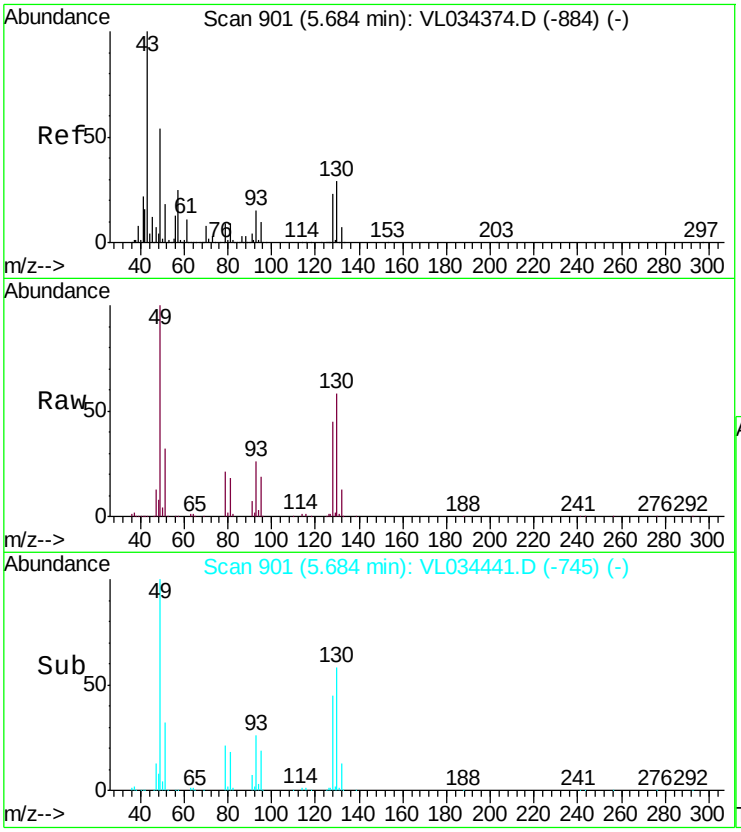


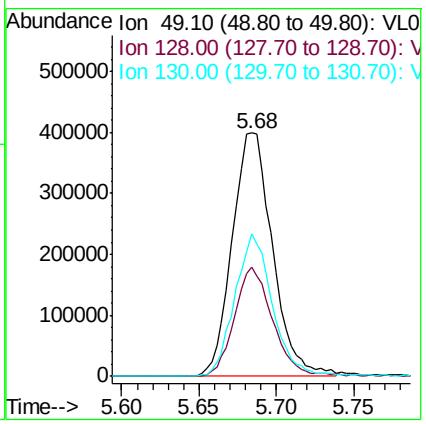


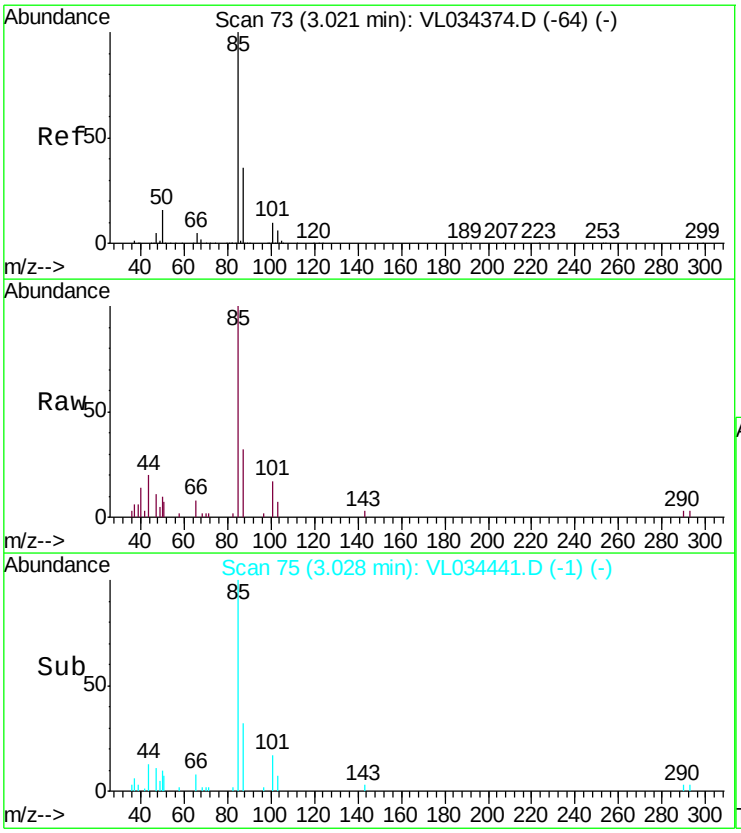
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Instrument :
MSVOA_L
ClientSampleId :
OA-1ADL

Tgt Ion: 49 Resp: 725802

Ion	Ratio	Lower	Upper
49	100		
128	42.9	21.8	65.3
130	55.3	28.0	84.0

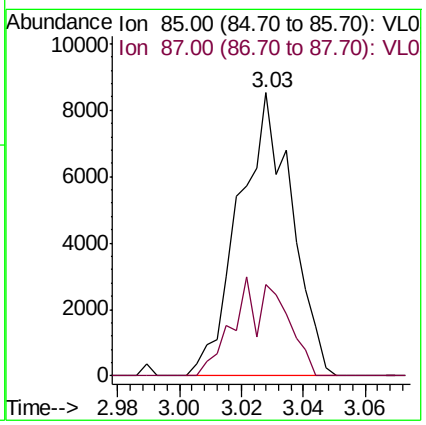


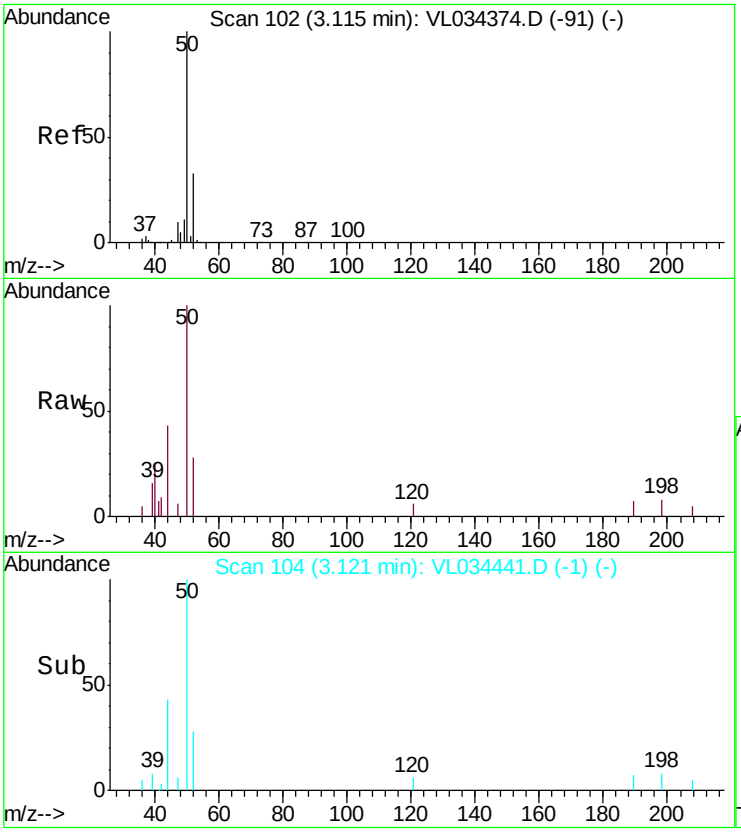


#2
Dichlorodifluoromethane
Concen: 0.077 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.01 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Tgt Ion: 85 Resp: 10124

Ion	Ratio	Lower	Upper
85	100		
87	32.2	28.5	42.7



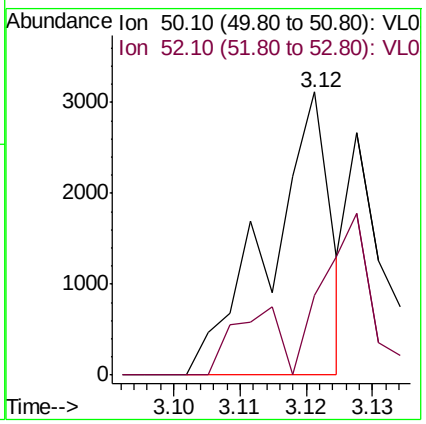


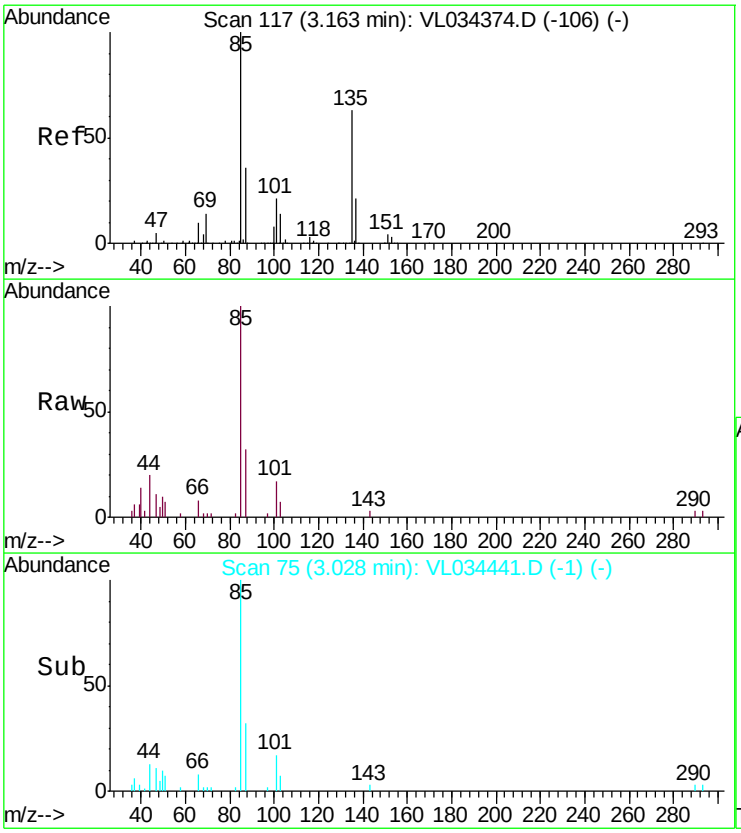
#4
Chloromethane
Concen: 0.037 ppbv
RT: 3.12 min Scan# 104
Delta R.T. 0.01 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Instrument :
MSVOA_L
ClientSampleId :
OA-1ADL

Tgt Ion: 50 Resp: 2000

Ion	Ratio	Lower	Upper
50	100		
52	28.1	26.8	40.2

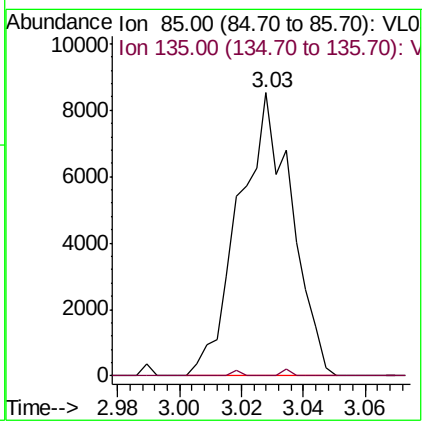


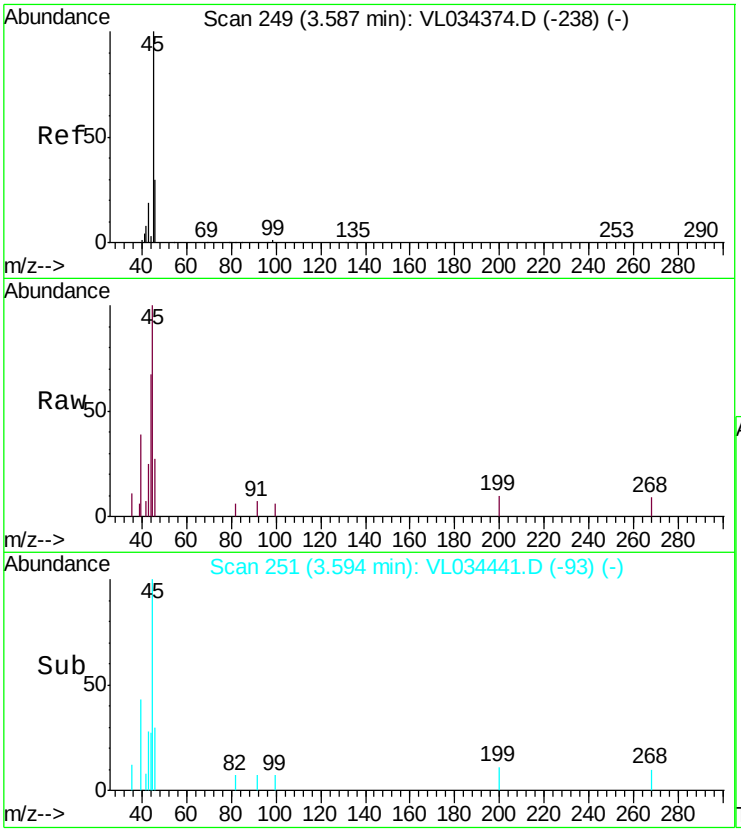


#8
Dichlorotetrafluoroethane
Concen: 0.086 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.13 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Tgt Ion: 85 Resp: 10124

Ion	Ratio	Lower	Upper
85	100		
135	0.3	51.1	76.7#



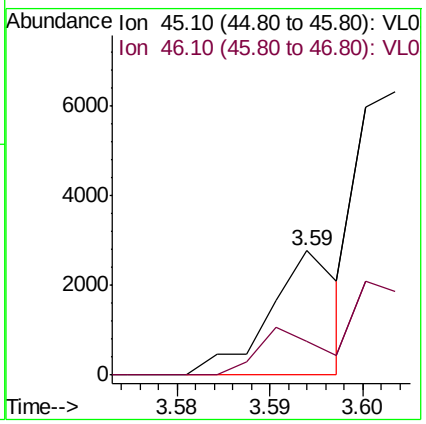


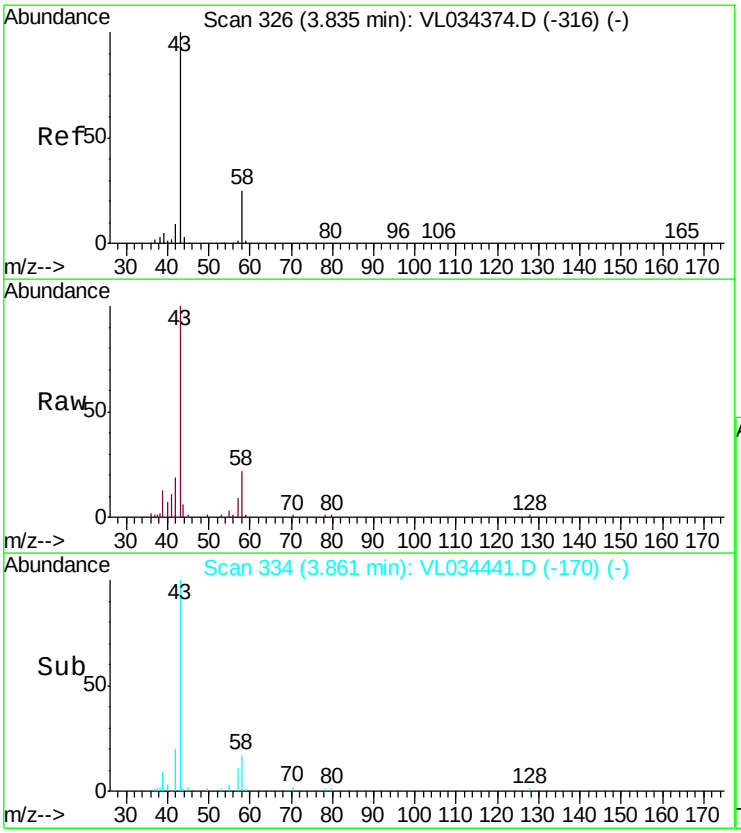
#13
Ethanol
Concen: 0.129 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.01 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Instrument :
MSVOA_L
ClientSampleId :
OA-1ADL

Tgt Ion: 45 Resp: 1443

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#

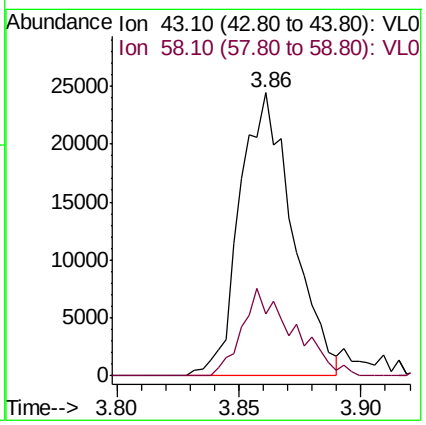


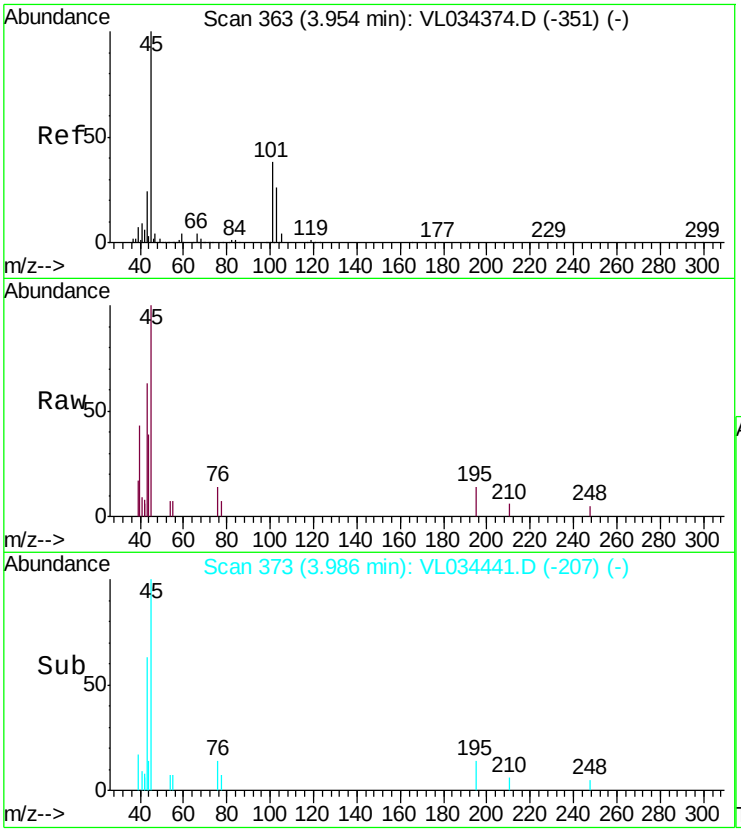


#15
Acetone
Concen: 0.352 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.03 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Tgt Ion: 43 Resp: 36595

Ion	Ratio	Lower	Upper
43	100		
58	29.9	20.2	30.4



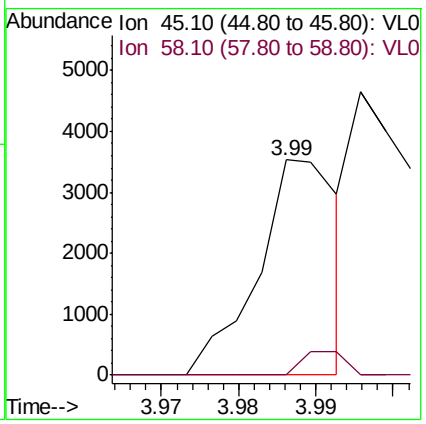


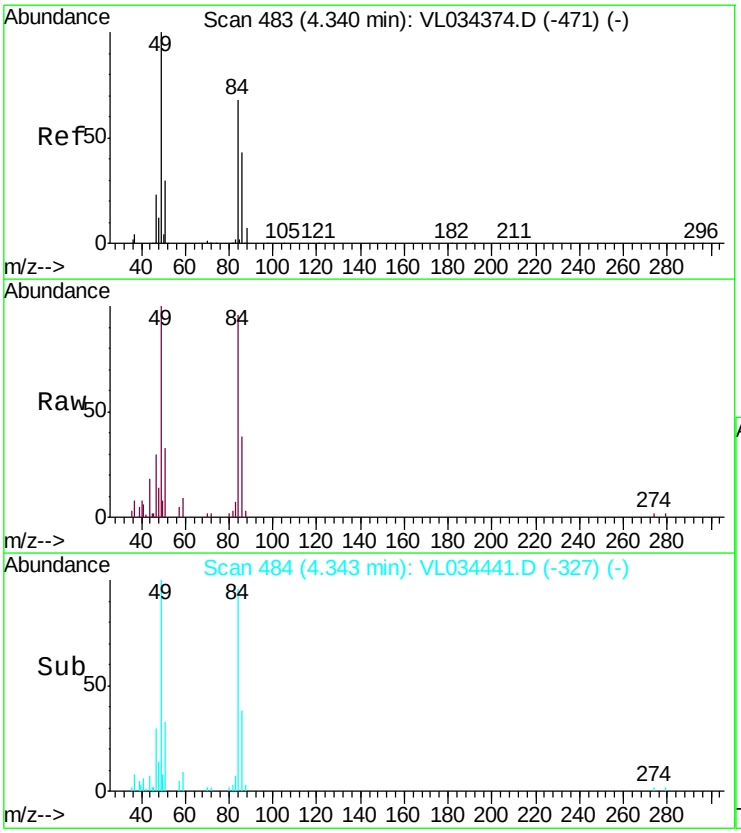
#19
Isopropyl Alcohol
Concen: 0.038 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.03 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Instrument :
MSVOA_L
ClientSampleId :
OA-1ADL

Tgt Ion: 45 Resp: 2551

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.3	1.9#

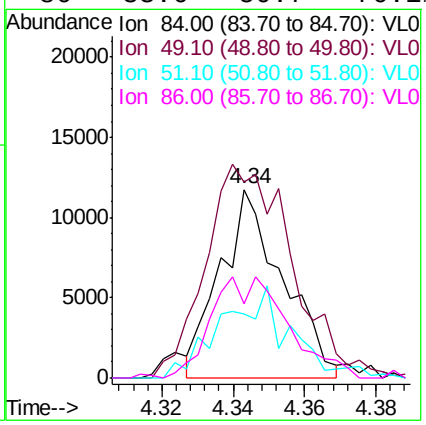


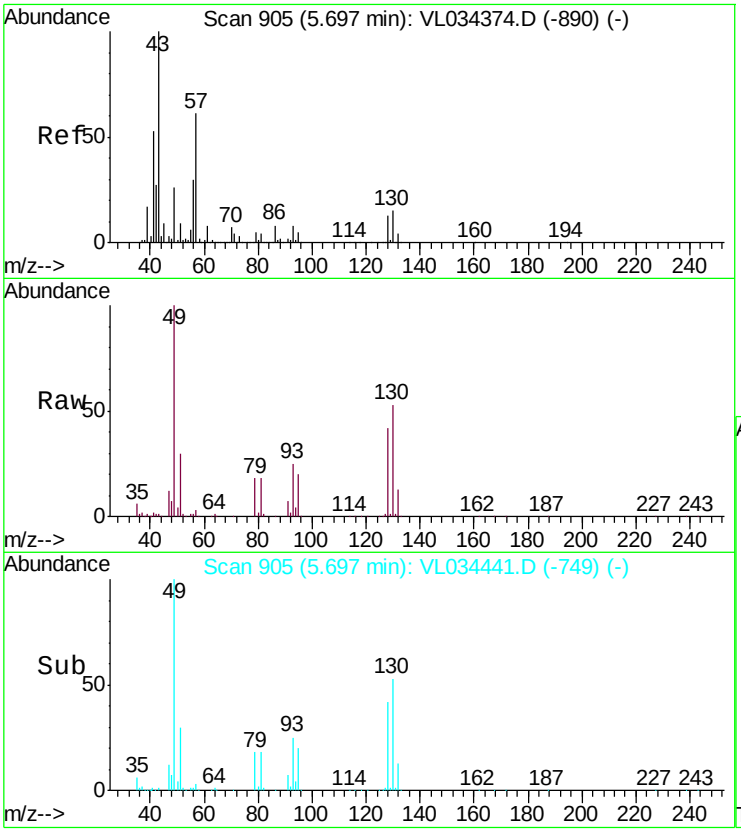


#20
Methylene Chloride
Concen: 0.387 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Tgt Ion: 84 Resp: 14250

Ion	Ratio	Lower	Upper
84	100		
49	97.8	116.8	175.2#
51	31.7	35.6	53.4#
86	33.6	50.7	76.1#



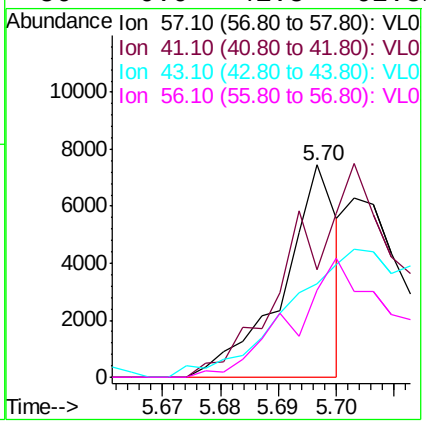


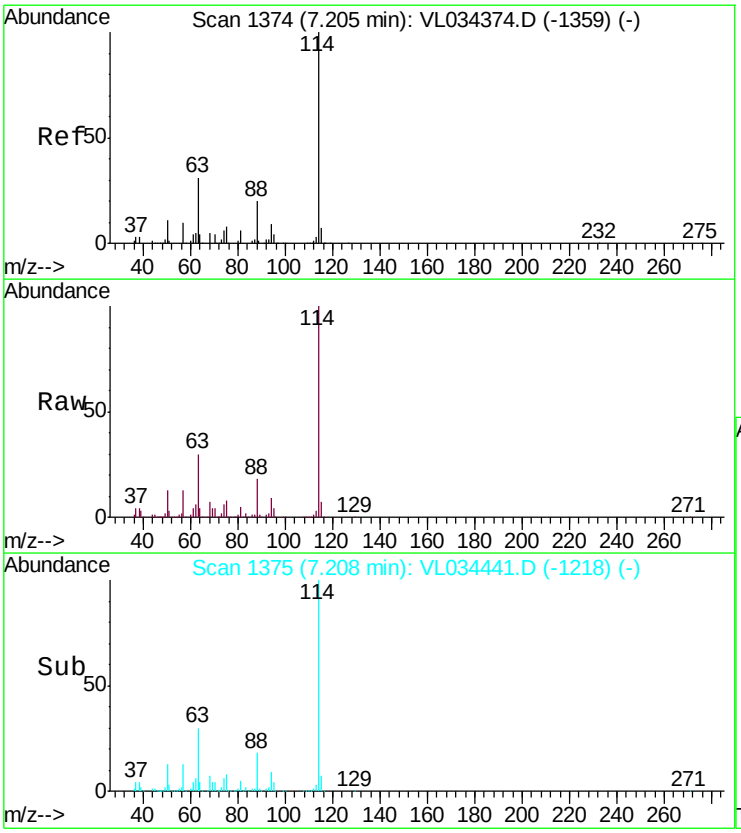
#26
Hexane
Concen: 0.061 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Instrument :
MSVOA_L
ClientSampleId :
OA-1ADL

Tgt Ion: 57 Resp: 4858

Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.0	112.4#
43	0.0	186.6	279.8#
56	0.0	41.5	62.3#

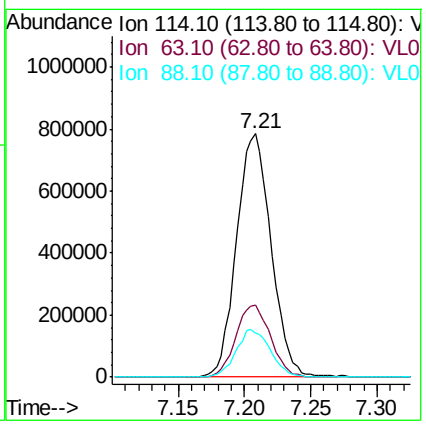


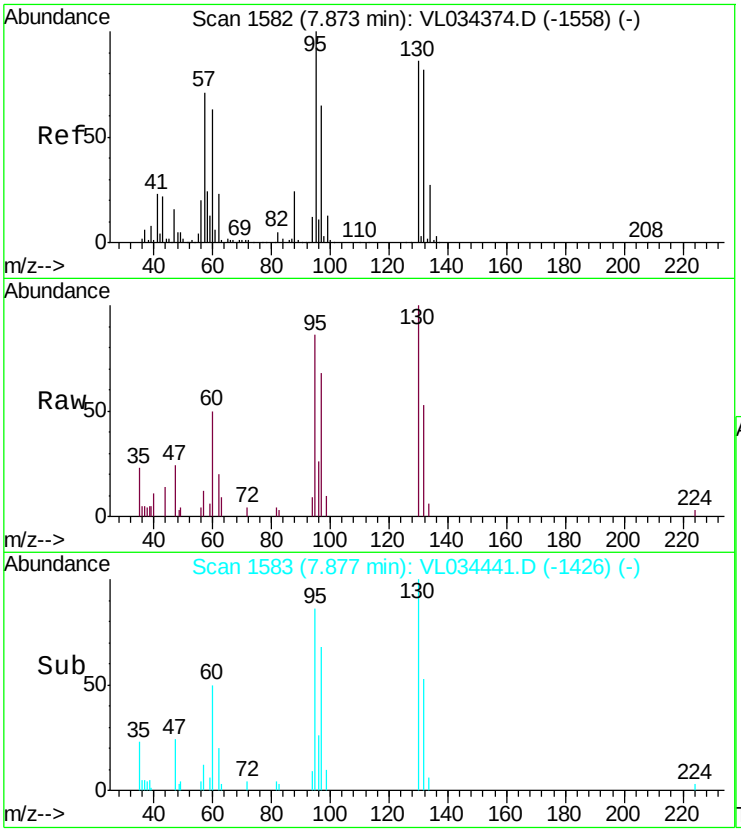


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Tgt Ion:114 Resp: 1421421

Ion	Ratio	Lower	Upper
114	100		
63	30.0	24.2	36.4
88	19.5	15.9	23.9



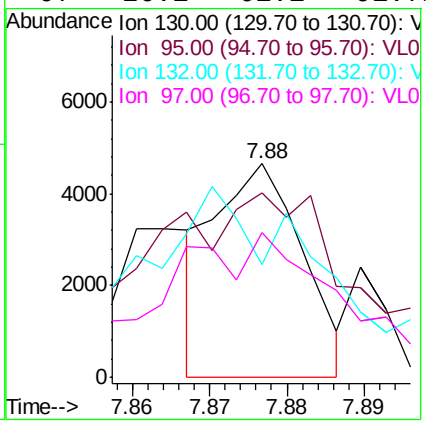


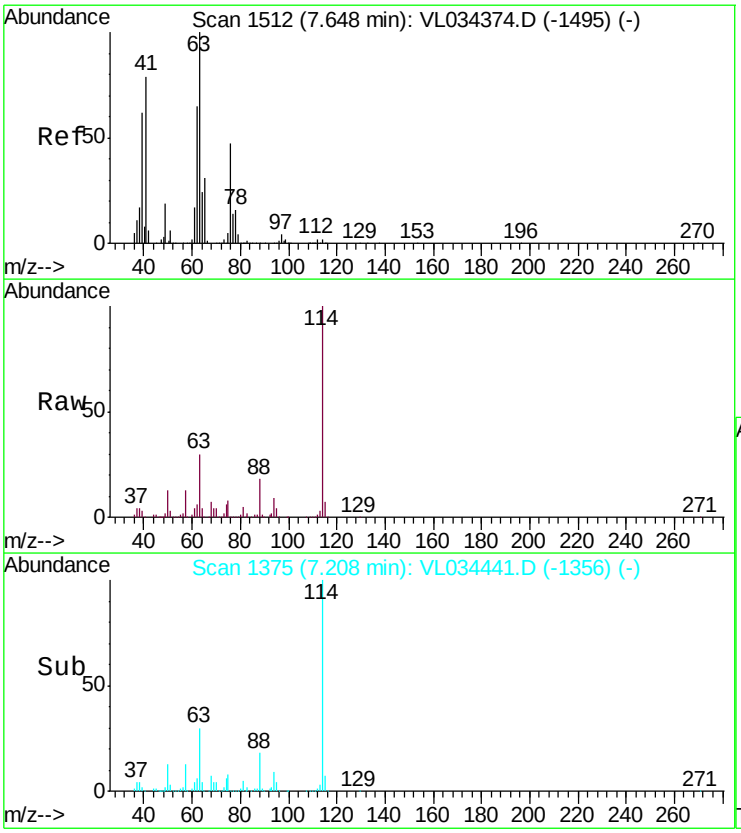
#38
Trichloroethene
Concen: 0.063 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Instrument : MSVOA_L
ClientSampleId : OA-1ADL

Tgt Ion:130 Resp: 3680

Ion	Ratio	Lower	Upper
130	100		
95	56.0	93.4	140.0#
132	8.0	76.4	114.6#
97	26.1	61.1	91.7#

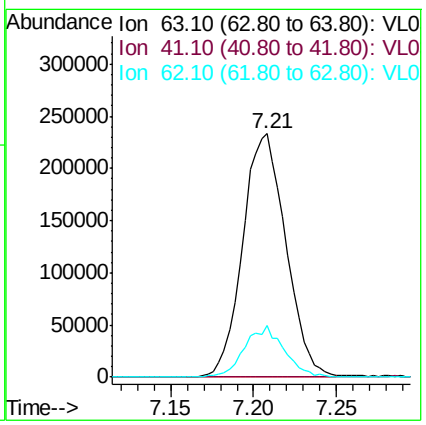


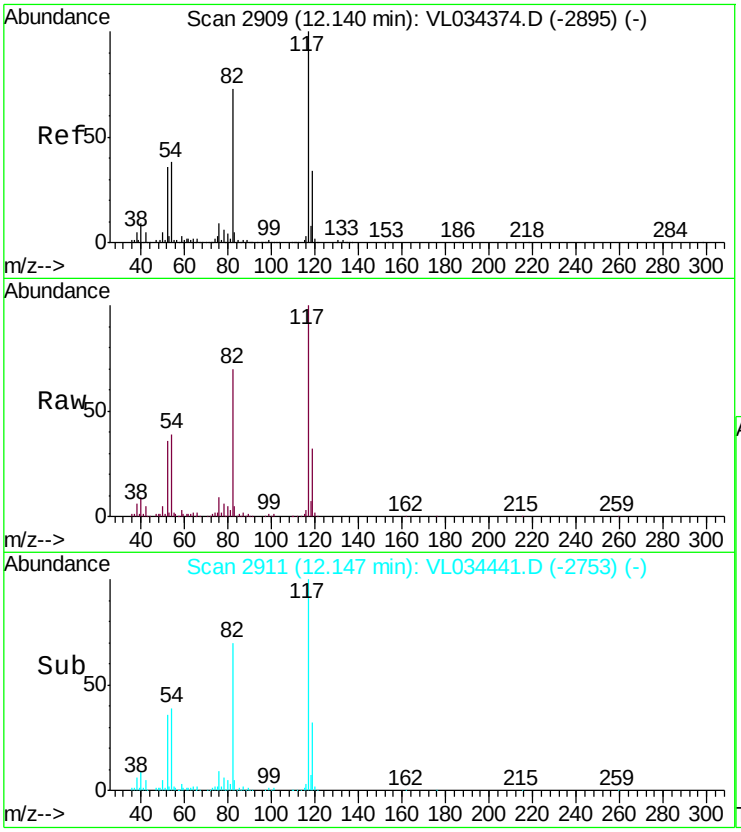


#39
1,2-Dichloropropane
Concen: 7.713 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.44 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Tgt Ion: 63 Resp: 422208

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.1	94.7#
62	21.0	52.3	78.5#



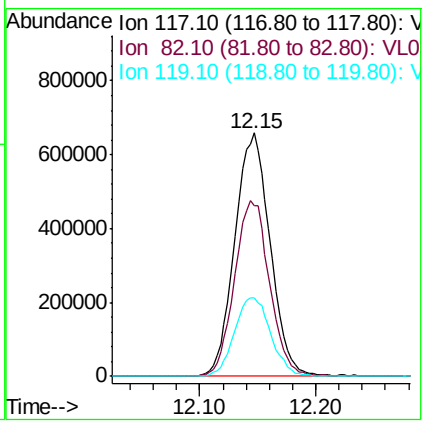


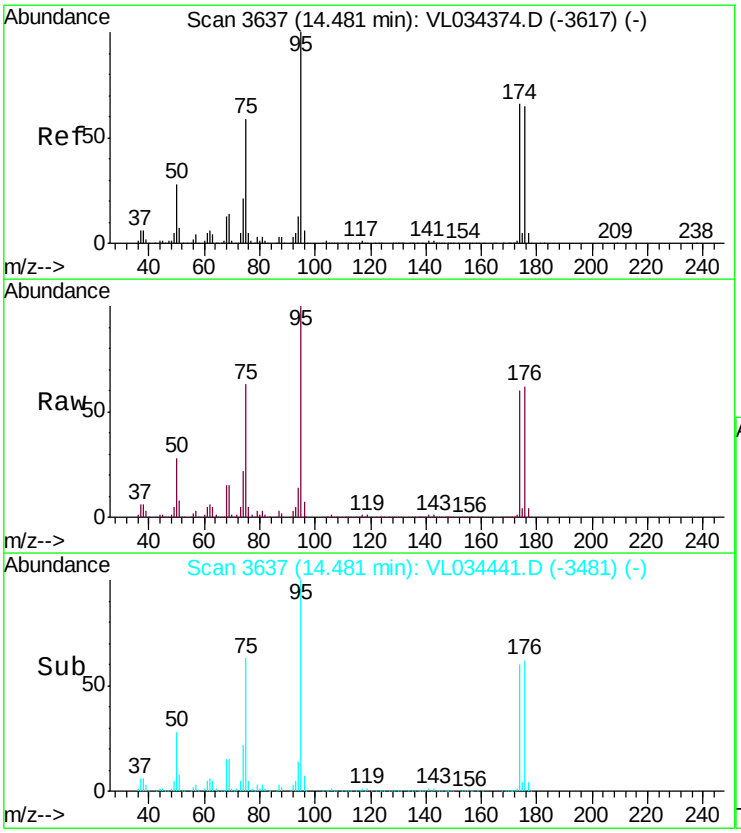
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Instrument :
MSVOA_L
ClientSampleId :
OA-1ADL

Tgt Ion:117 Resp: 1395291

Ion	Ratio	Lower	Upper
117	100		
82	72.2	57.5	86.3
119	33.2	25.4	38.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.095 ppbv
RT: 14.48 min Scan# 3637
Delta R.T. 0.00 min
Lab File: VL034441.D
Acq: 3 Dec 2019 00:37

Tgt Ion: 95 Resp: 1184974

Ion	Ratio	Lower	Upper
95	100		
174	64.0	52.2	78.2
175	4.5	3.8	5.8