Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092120\
Data File : VL035693.D
Acq On : 21 Sep 2020 19:38
Operator : SY/AP
Sample : L3983-07DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Quant Time: Sep 22 01:29:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	1016743	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.15	114	3794337	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.06	117	3882562	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2843598	10.31	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.10%				
Target Compounds							Qvalue
9) Propene	2.99	41	12375	0.285	ppbv		88
10) Heptane	8.09	43	7232	0.062	ppbv		88
13) Ethanol	3.59	45	1939	0.180	ppbv		91
15) Acetone	3.83	43	337022	3.005	ppbv		99
16) 1,3-Butadiene	3.28	39	9466	0.227	ppbv	#	11
20) Methylene Chloride	4.32	84	26878	0.322	ppbv	#	84
23) Vinyl Acetate	5.03	43	10808	0.075	ppbv	#	16
25) Ethyl Acetate	5.66	43	12548	0.063	ppbv	#	73
26) Hexane	5.66	57	21012	0.187	ppbv	#	43
29) Chloroform	5.73	83	9472	0.041	ppbv		95
31) cis-1,2-Dichloroethene	5.52	61	79348	0.689	ppbv		97
34) 2-Butanone	5.24	43	21386	0.190	ppbv		89
36) Benzene	6.86	78	7775	0.032	ppbv	#	80
38) Trichloroethene	7.81	130	357724	2.507	ppbv		97
39) 1,2-Dichloropropane	7.15	63	735691	8.867	ppbv	#	33
52) Tetrachloroethene	11.20	164	3281710	22.871	ppbv		93
53) Toluene	9.78	91	41026	0.133	ppbv		97
71) 2-Chlorotoluene	15.30	91	1925404	4.885	ppbv	#	36

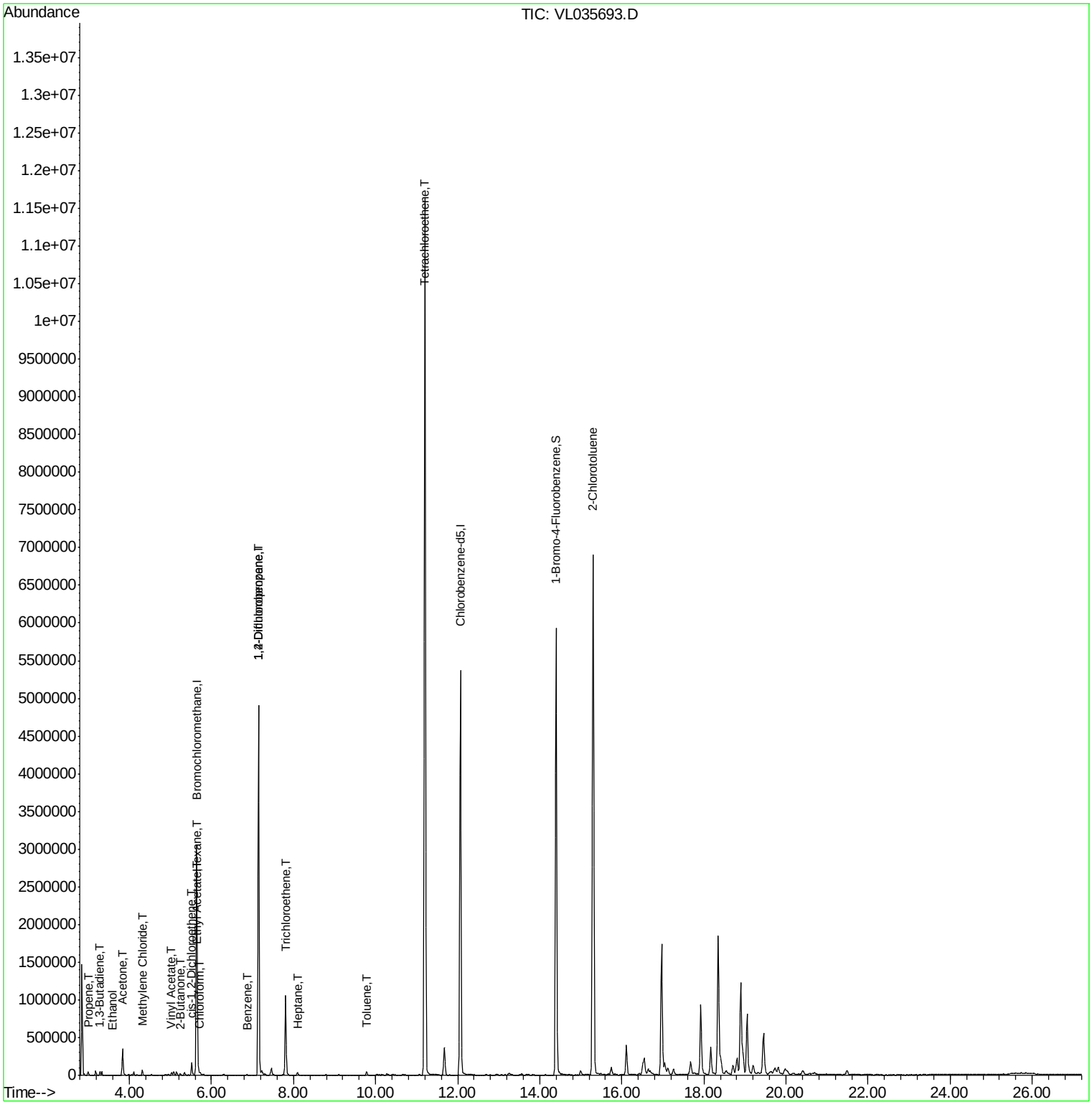
(#) = qualifier out of range (m) = manual integration (+) = signals summed

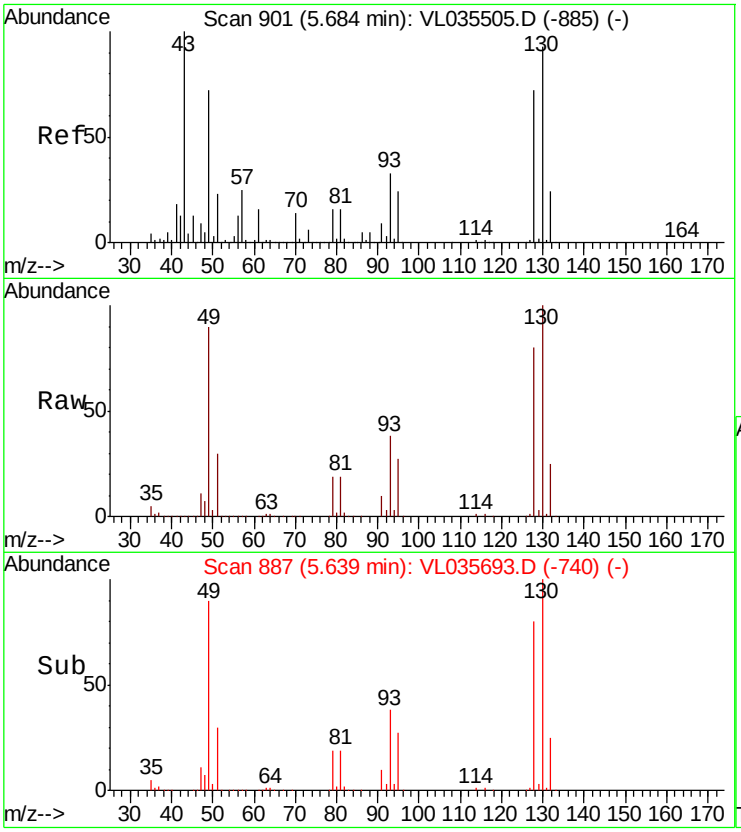
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092120\
Data File : VL035693.D
Acq On : 21 Sep 2020 19:38
Operator : SY/AP
Sample : L3983-07DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Quant Time: Sep 22 01:29:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration



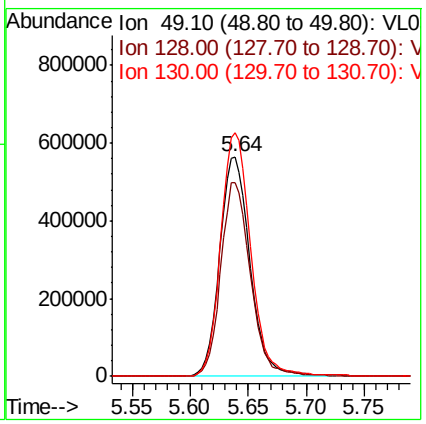


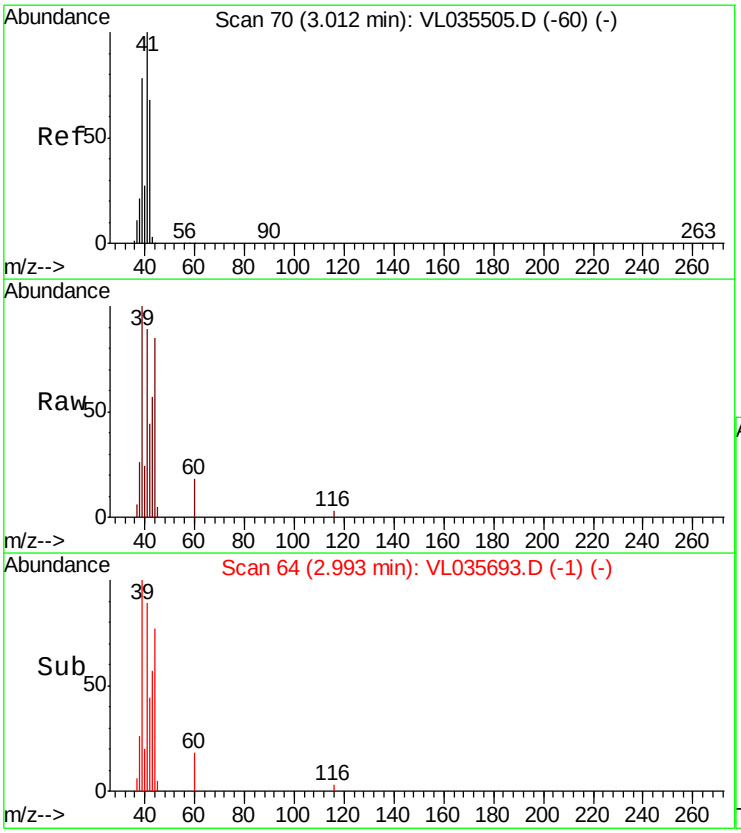
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument :
MSVOA_L
ClientSampleId :
SV-10DL2

Tgt Ion: 49 Resp: 1016743

Ion	Ratio	Lower	Upper
49	100		
128	87.5	50.0	150.1
130	110.8	64.4	193.2

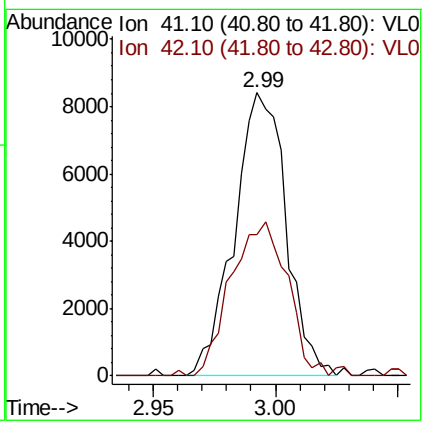


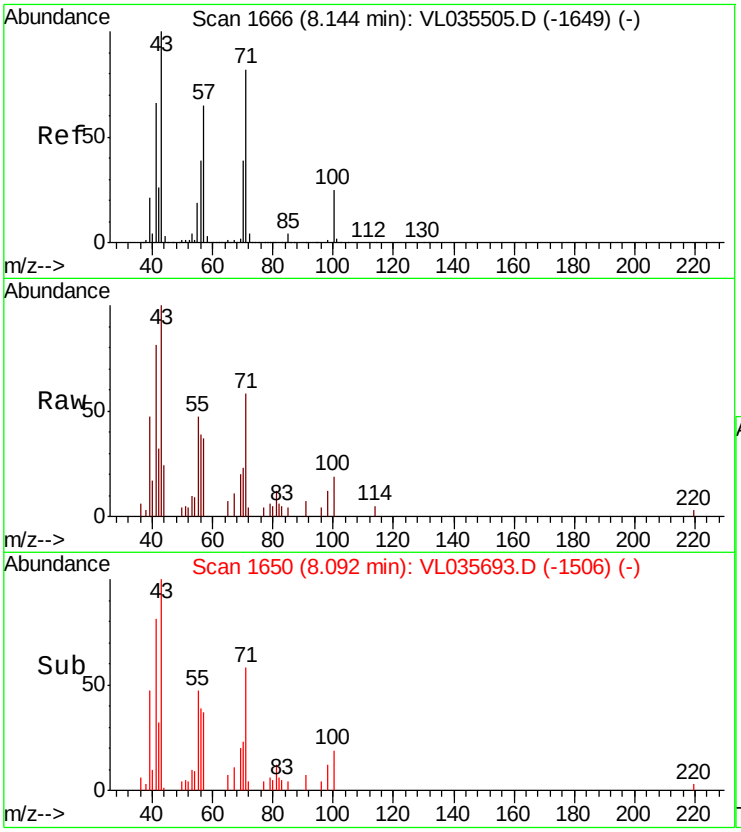


#9
Propene
Concen: 0.285 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.00 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 41 Resp: 12375

Ion	Ratio	Lower	Upper
41	100		
42	60.3	56.3	84.5



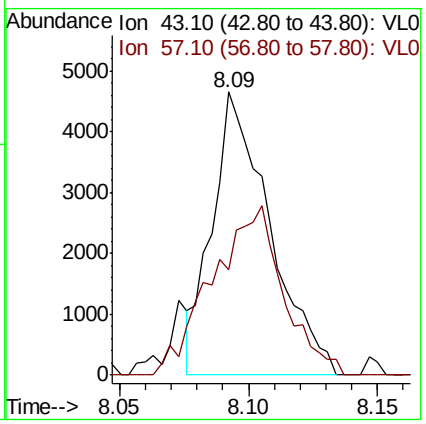


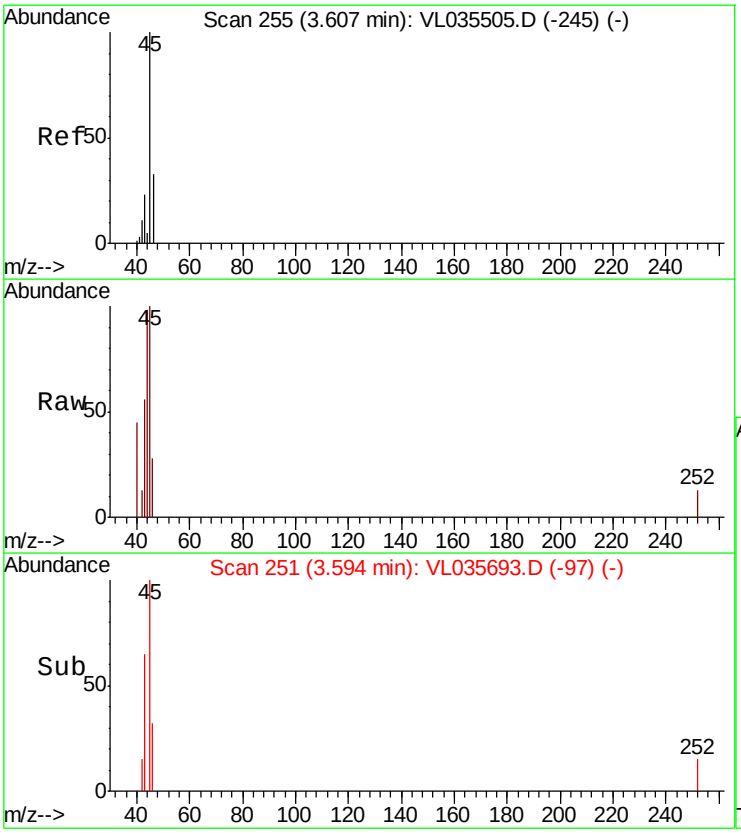
#10
Heptane
Concen: 0.062 ppbv
RT: 8.09 min Scan# 1650
Delta R.T. -0.04 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument :
MSVOA_L
ClientSampleId :
SV-10DL2

Tgt Ion: 43 Resp: 7232

Ion	Ratio	Lower	Upper
43	100		
57	73.9	51.4	77.0

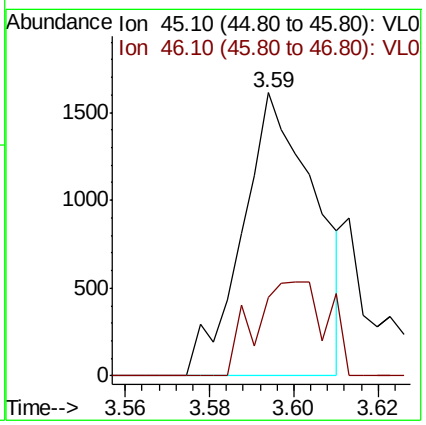


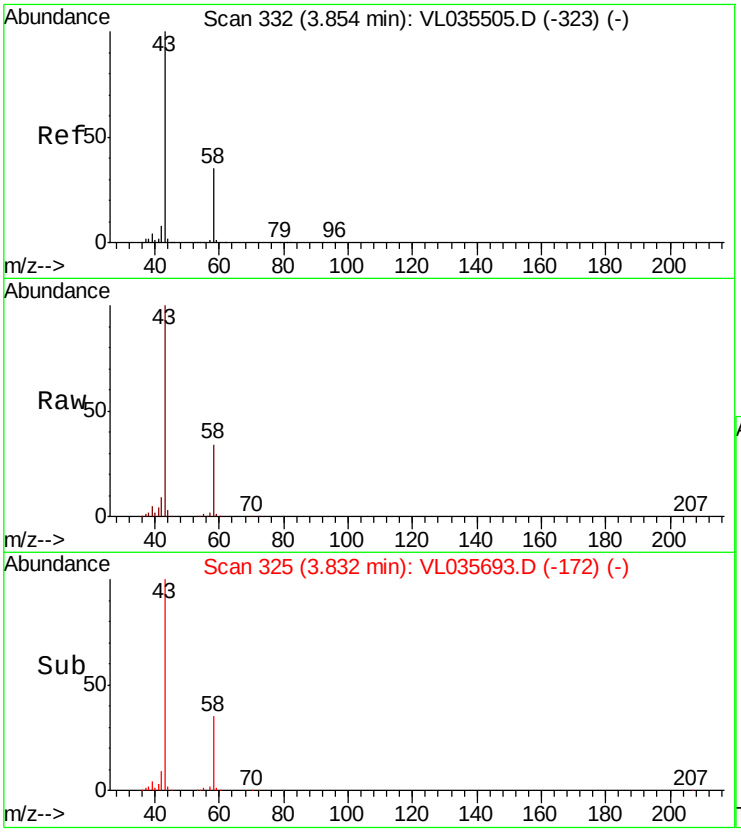


#13
Ethanol
Concen: 0.180 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.00 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 45 Resp: 1939

Ion	Ratio	Lower	Upper
45	100		
46	32.7	15.2	60.6



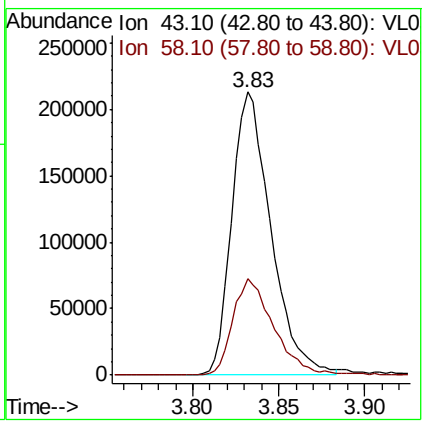


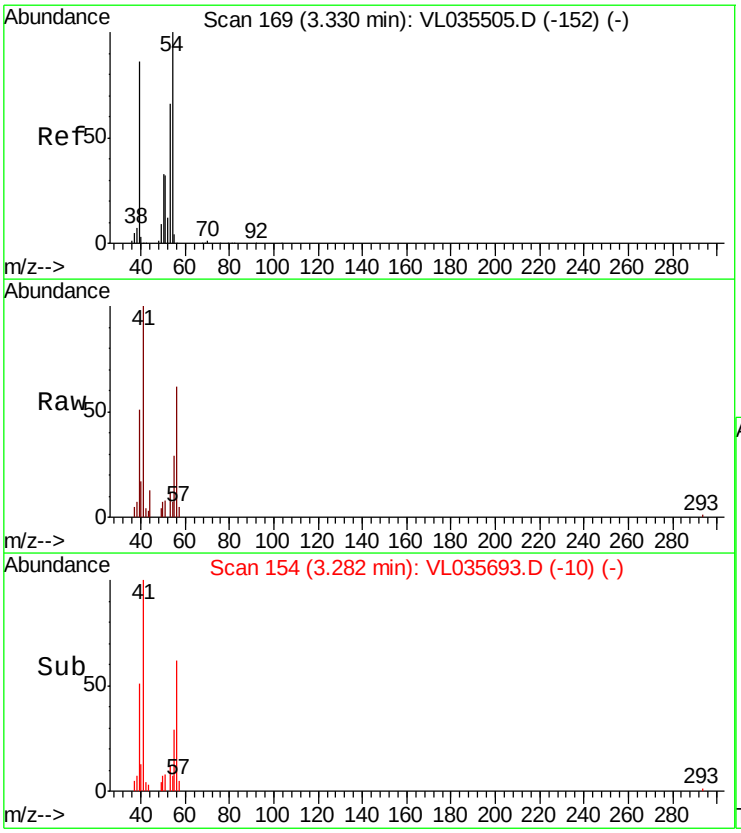
#15
Acetone
Concen: 3.005 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.01 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument :
MSVOA_L
ClientSampleId :
SV-10DL2

Tgt Ion: 43 Resp: 337022

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.4	42.6

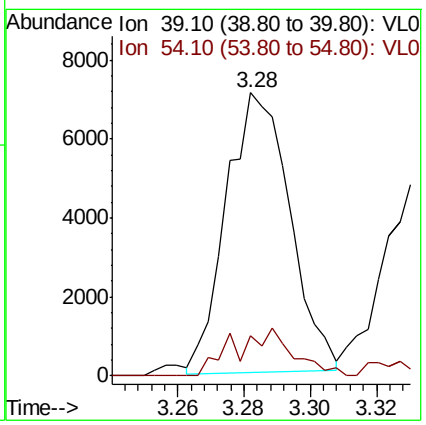


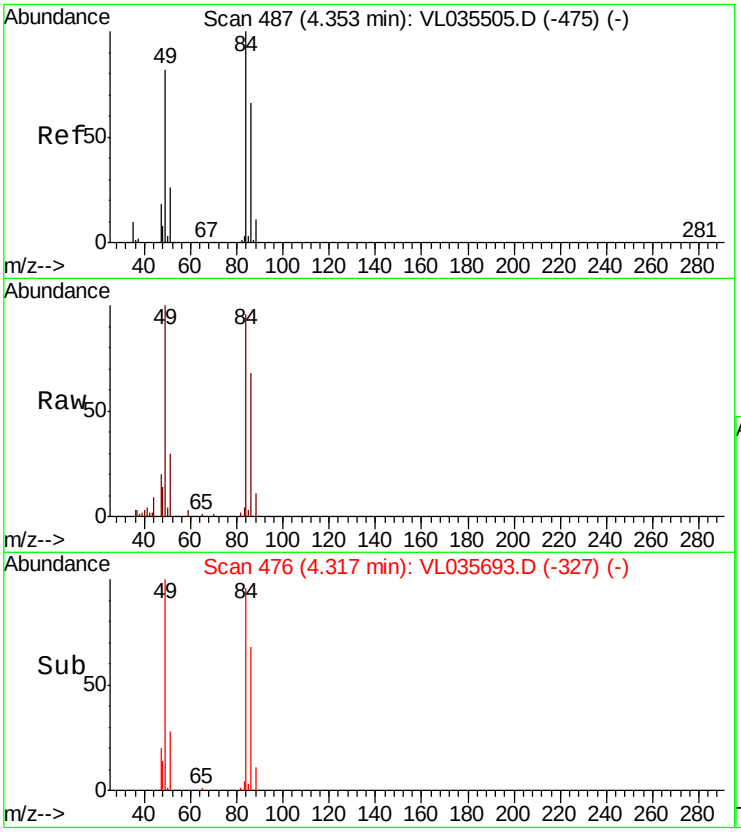


#16
1,3-Butadiene
Concen: 0.227 ppbv
RT: 3.28 min Scan# 154
Delta R.T. -0.04 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 39 Resp: 9466

Ion	Ratio	Lower	Upper
39	100		
54	15.9	88.4	132.6#



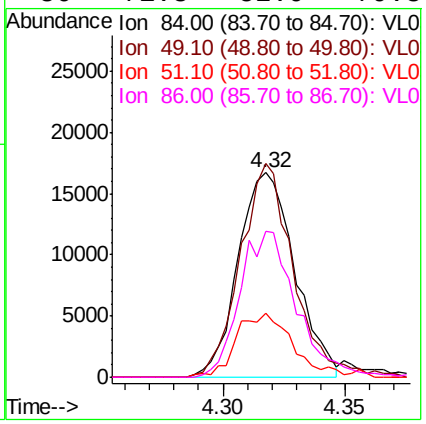


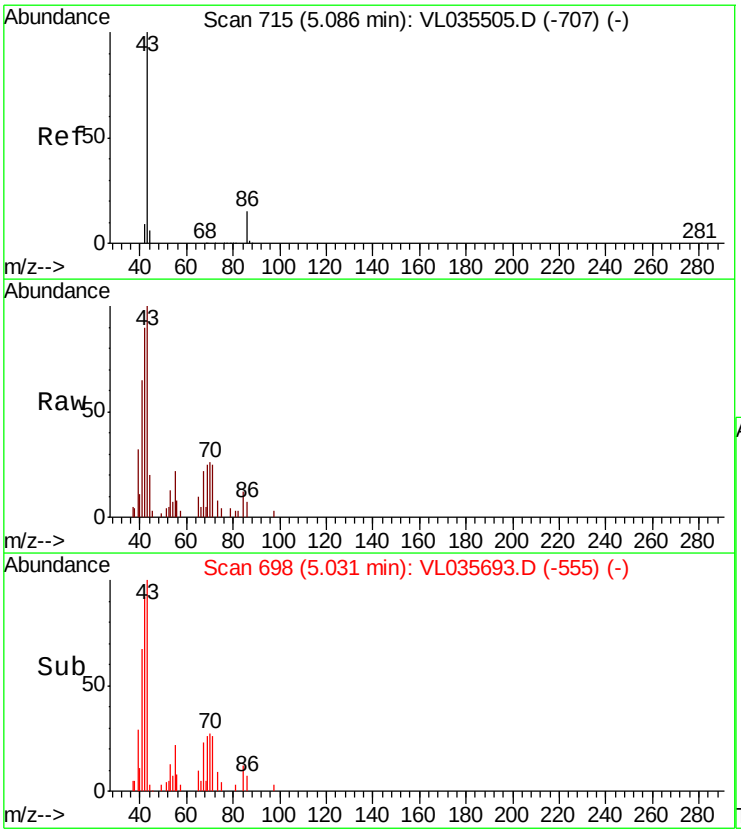
#20
Methylene Chloride
Concen: 0.322 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.02 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Tgt Ion: 84 Resp: 26878

Ion	Ratio	Lower	Upper
84	100		
49	104.5	65.4	98.0#
51	31.3	21.5	32.3
86	71.3	52.9	79.3

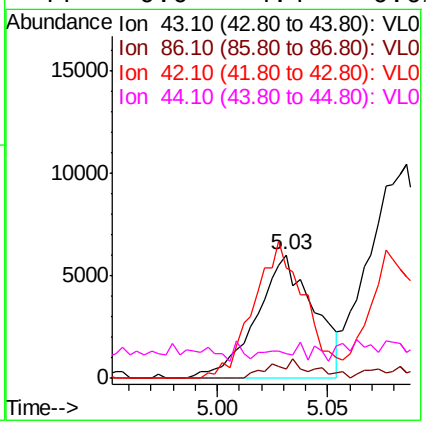


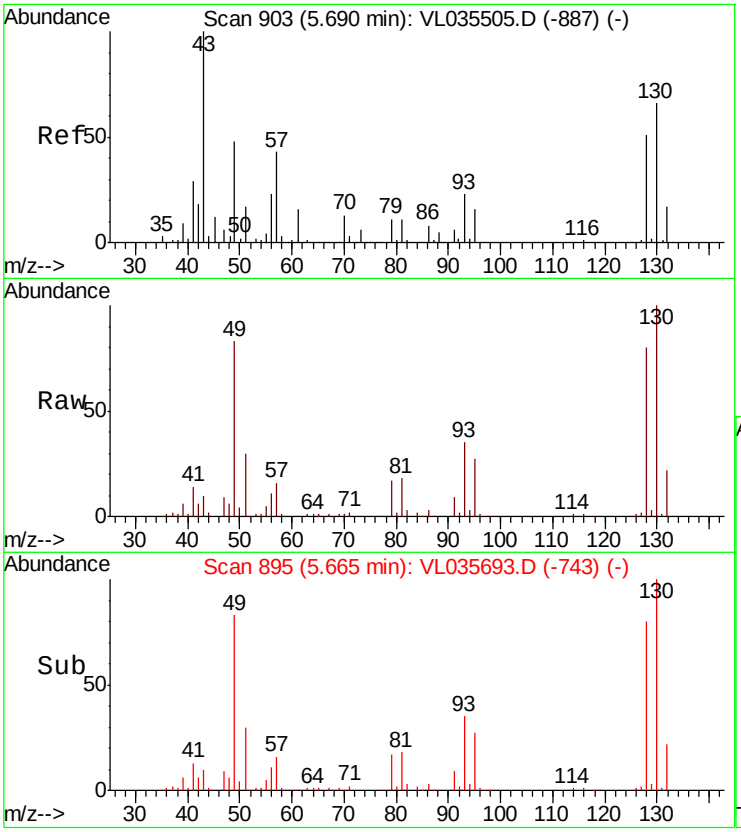


#23
Vinyl Acetate
Concen: 0.075 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.04 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 43 Resp: 10808

Ion	Ratio	Lower	Upper
43	100		
86	6.9	10.6	16.0#
42	89.8	7.5	11.3#
44	0.0	4.4	6.6#



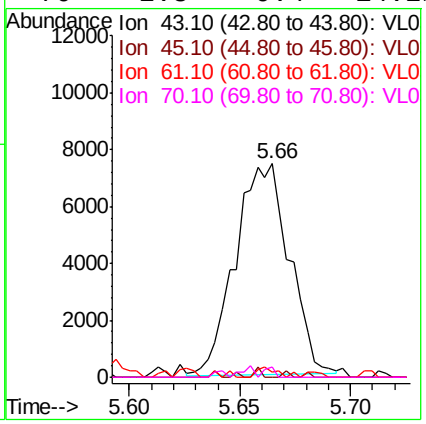


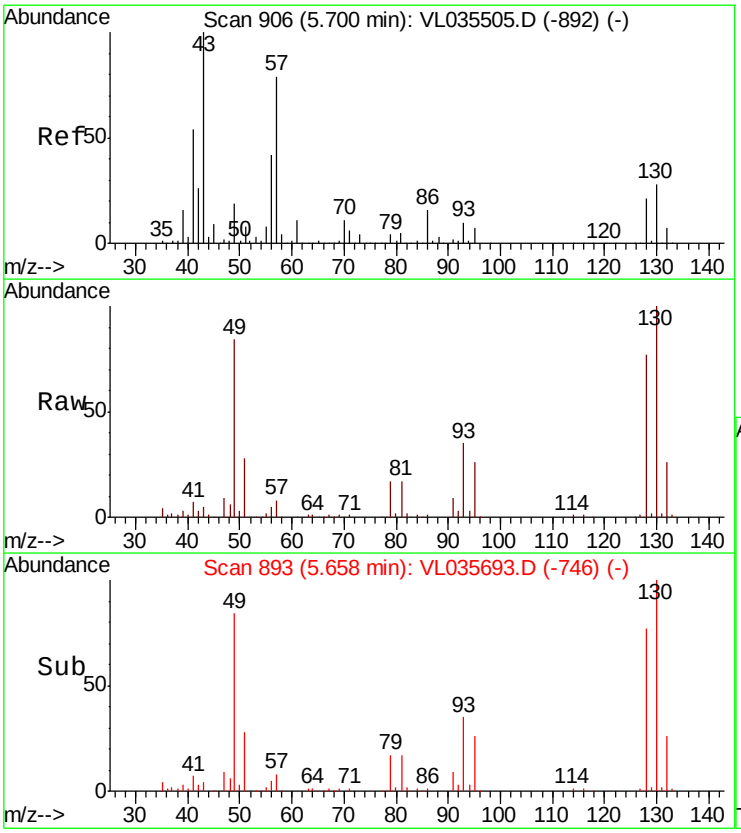
#25
Ethyl Acetate
Concen: 0.063 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Tgt Ion: 43 Resp: 12548

Ion	Ratio	Lower	Upper
43	100		
45	1.2	8.4	12.6#
61	0.0	10.6	16.0#
70	2.8	9.4	14.2#

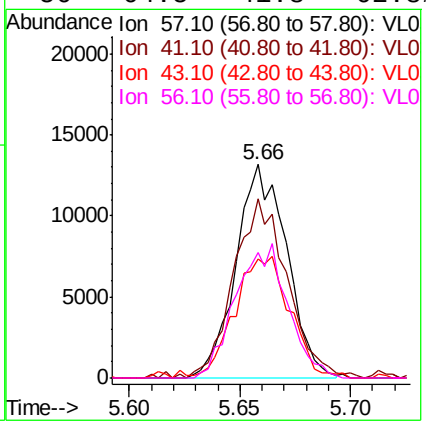


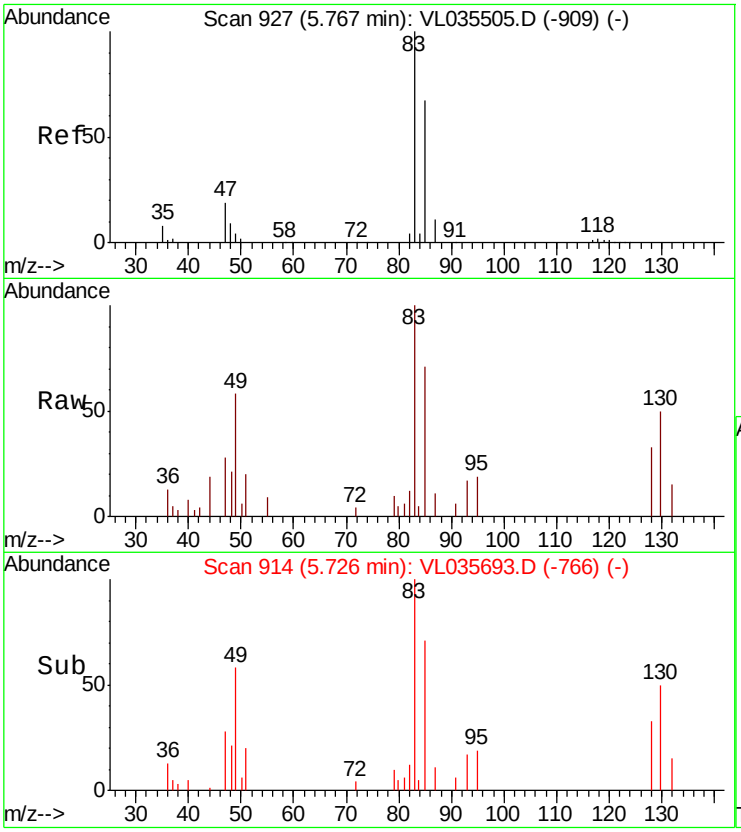


#26
Hexane
Concen: 0.187 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 57 Resp: 21012

Ion	Ratio	Lower	Upper
57	100		
41	89.2	55.9	83.9#
43	63.3	141.8	212.8#
56	64.5	41.8	62.8#



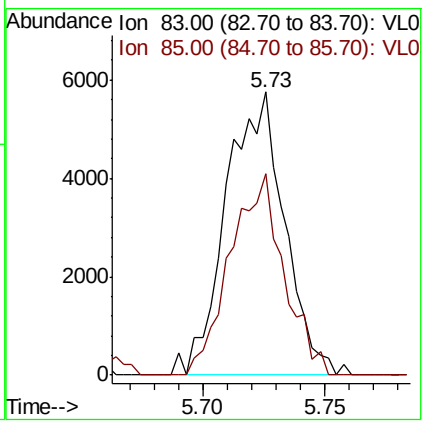


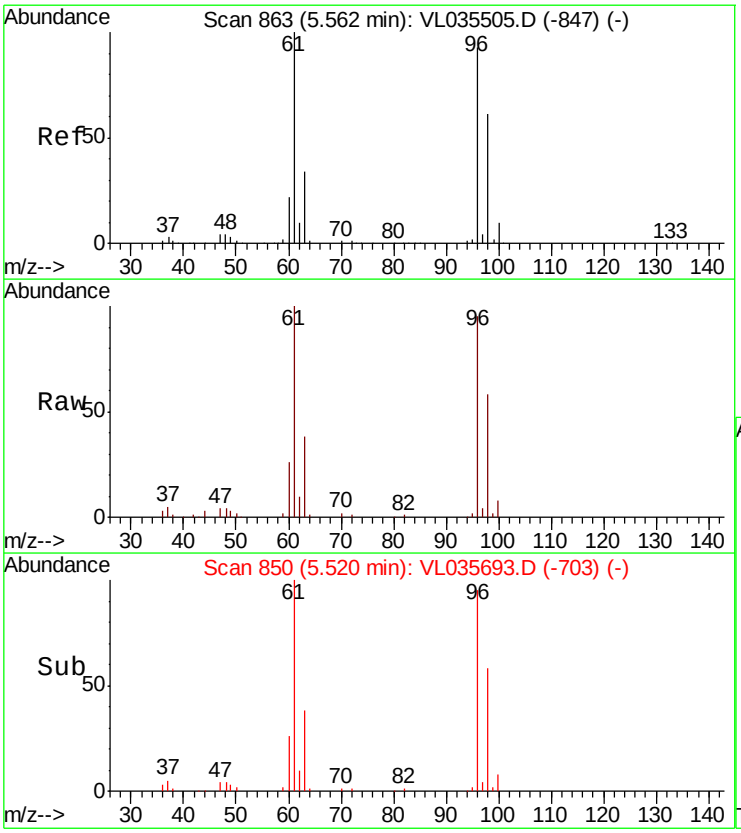
#29
Chloroform
Concen: 0.041 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.02 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Tgt Ion: 83 Resp: 9472

Ion	Ratio	Lower	Upper
83	100		
85	71.2	53.9	80.9

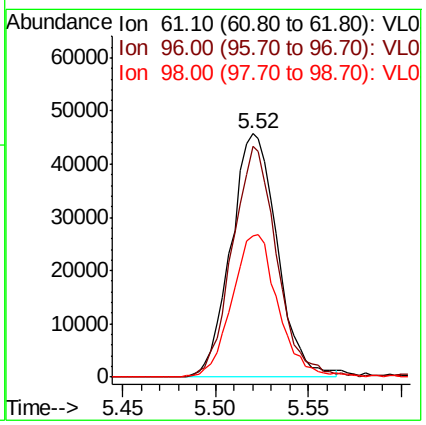


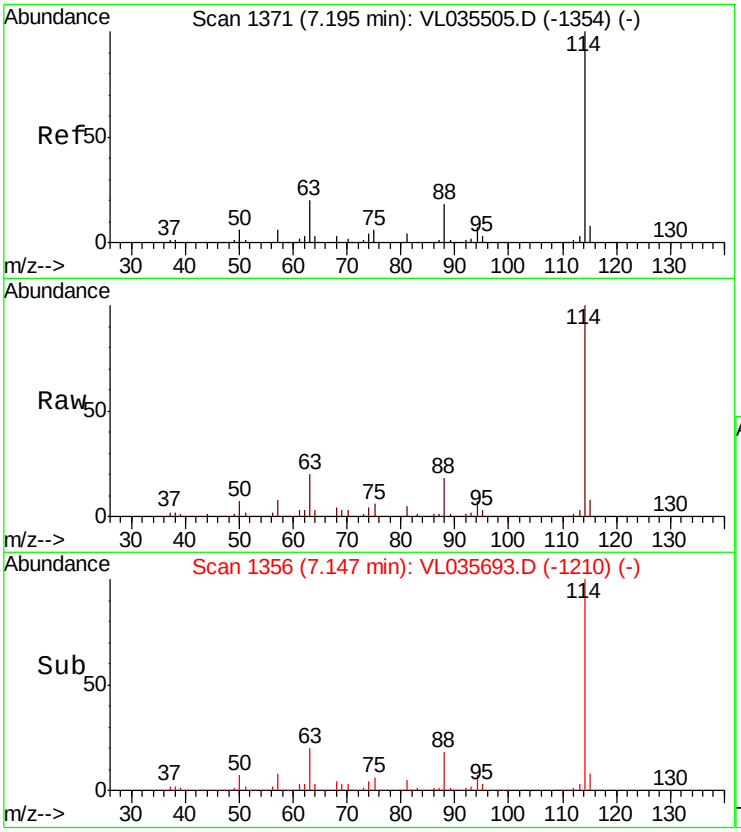


#31
cis-1,2-Dichloroethene
Concen: 0.689 ppbv
RT: 5.52 min Scan# 850
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 61 Resp: 79348

Ion	Ratio	Lower	Upper
61	100		
96	94.7	74.4	111.6
98	57.6	49.2	73.8



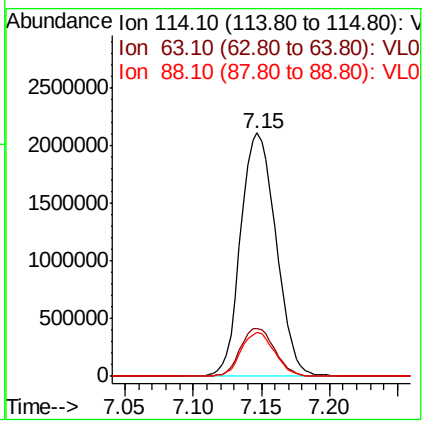


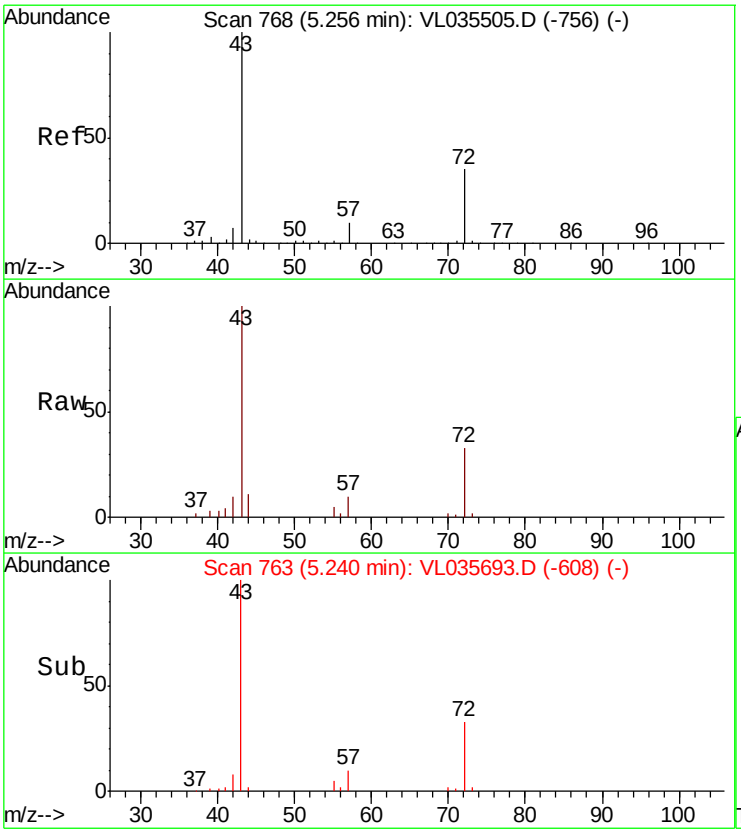
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument :
MSVOA_L
ClientSampleId :
SV-10DL2

Tgt Ion:114 Resp: 3794337

Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.7	22.1
88	17.2	13.4	20.2

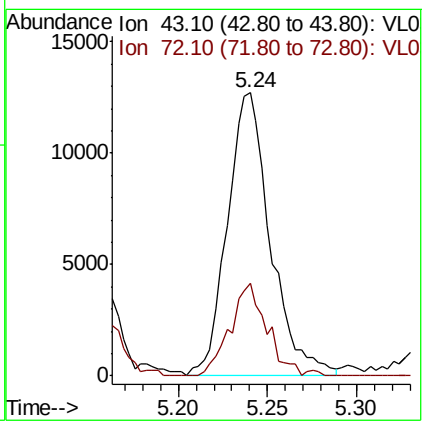


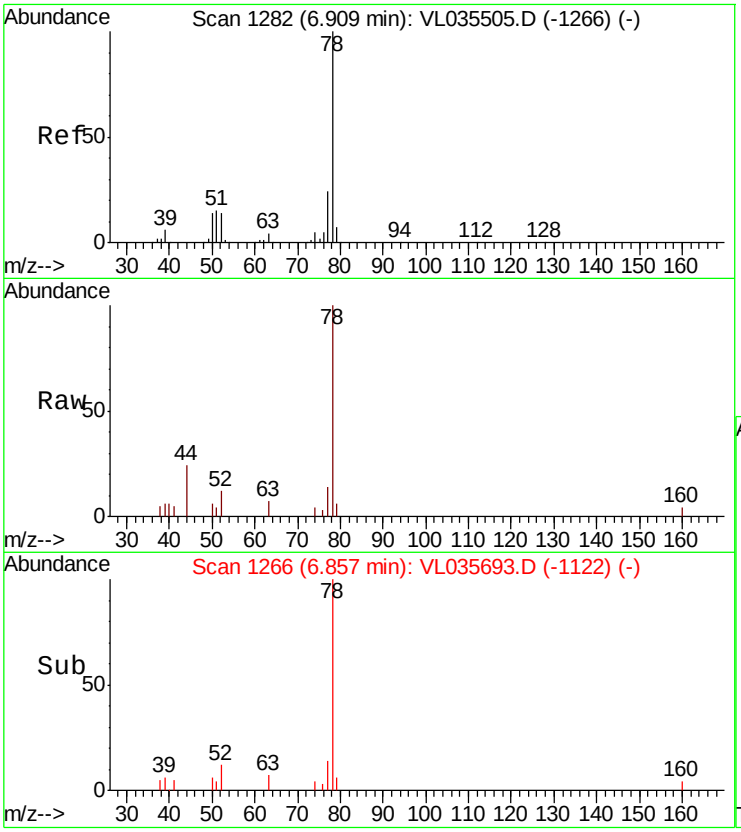


#34
2-Butanone
Concen: 0.190 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.00 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 43 Resp: 21386

Ion	Ratio	Lower	Upper
43	100		
72	28.3	27.7	41.5



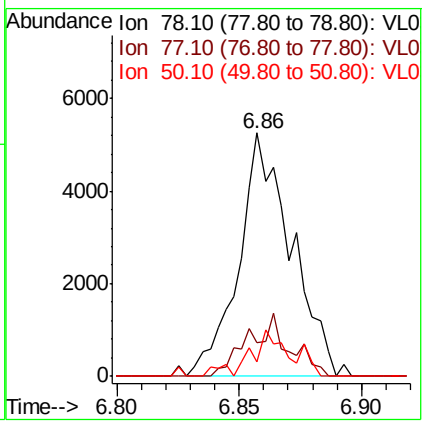


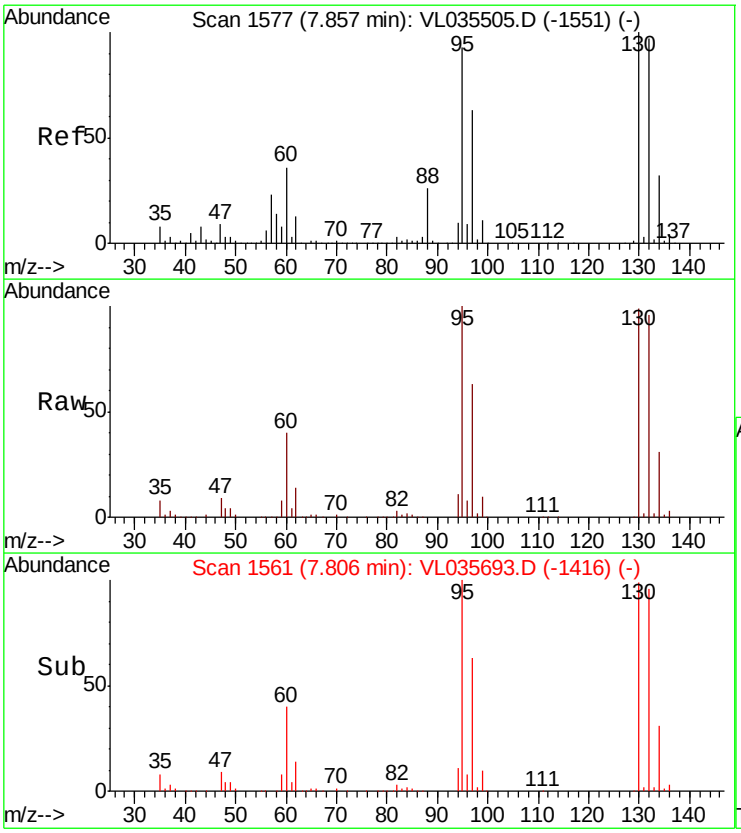
#36
Benzene
Concen: 0.032 ppbv
RT: 6.86 min Scan# 1266
Delta R.T. -0.04 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Tgt Ion: 78 Resp: 7775

Ion	Ratio	Lower	Upper
78	100		
77	13.7	19.3	28.9#
50	5.9	11.0	16.6#

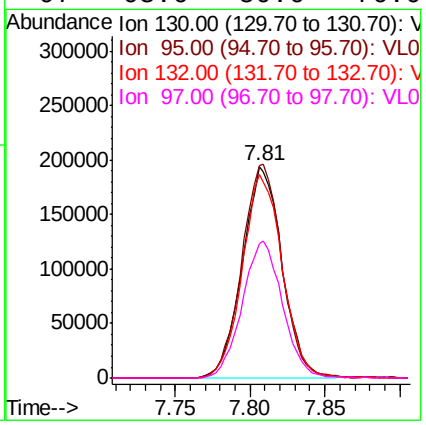


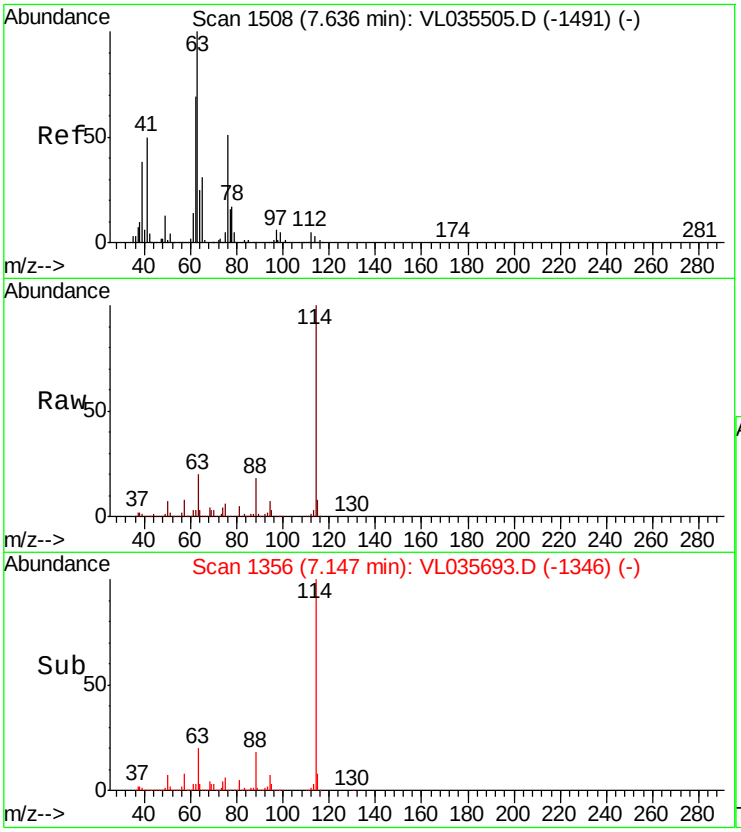


#38
Trichloroethene
Concen: 2.507 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion:130 Resp: 357724

Ion	Ratio	Lower	Upper
130	100		
95	100.6	74.6	112.0
132	96.1	77.6	116.4
97	63.6	50.6	76.0



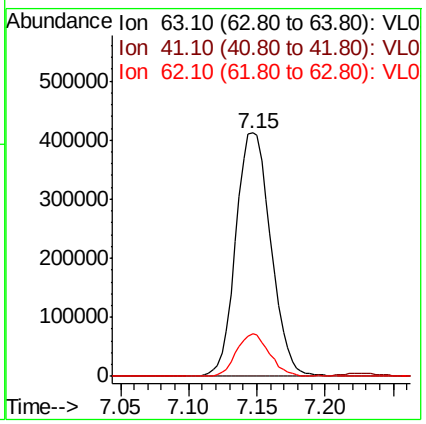


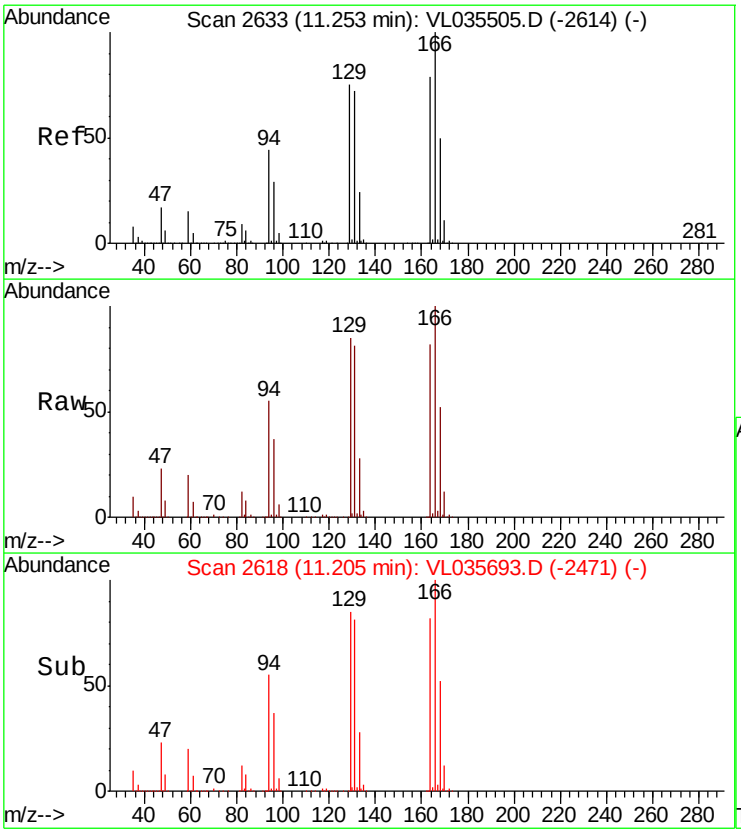
#39
1,2-Dichloropropane
Concen: 8.867 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.47 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument :
MSVOA_L
ClientSampleId :
SV-10DL2

Tgt Ion: 63 Resp: 735691

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.3	55.4	83.0#

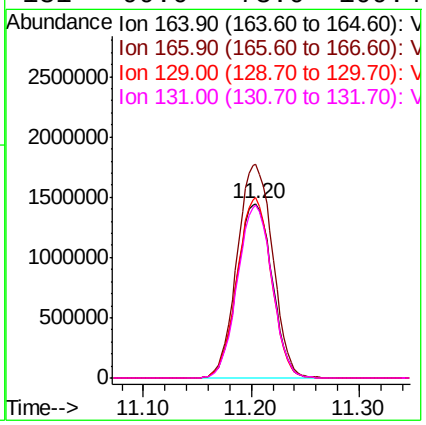


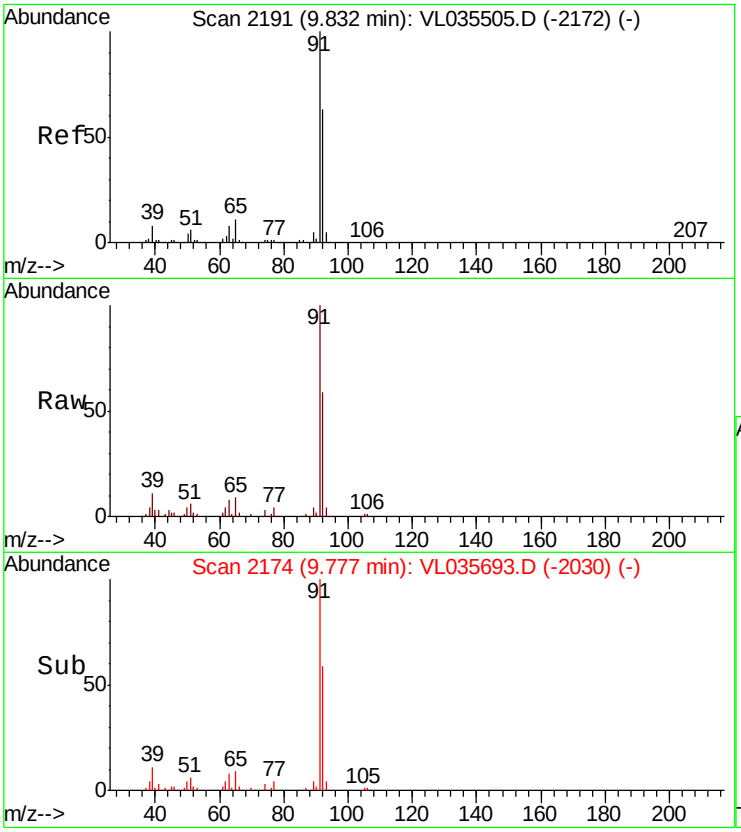


#52
Tetrachloroethene
Concen: 22.871 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion:164 Resp: 3281710

Ion	Ratio	Lower	Upper
164	100		
166	122.2	100.9	151.3
129	103.6	75.3	112.9
131	99.0	73.0	109.4



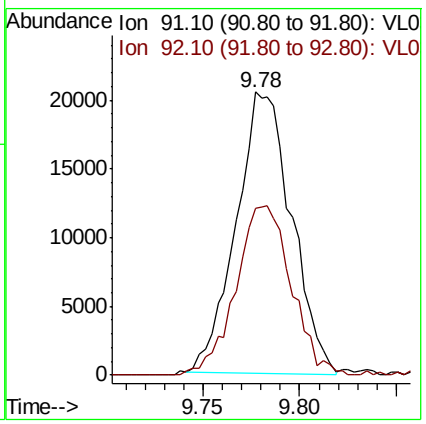


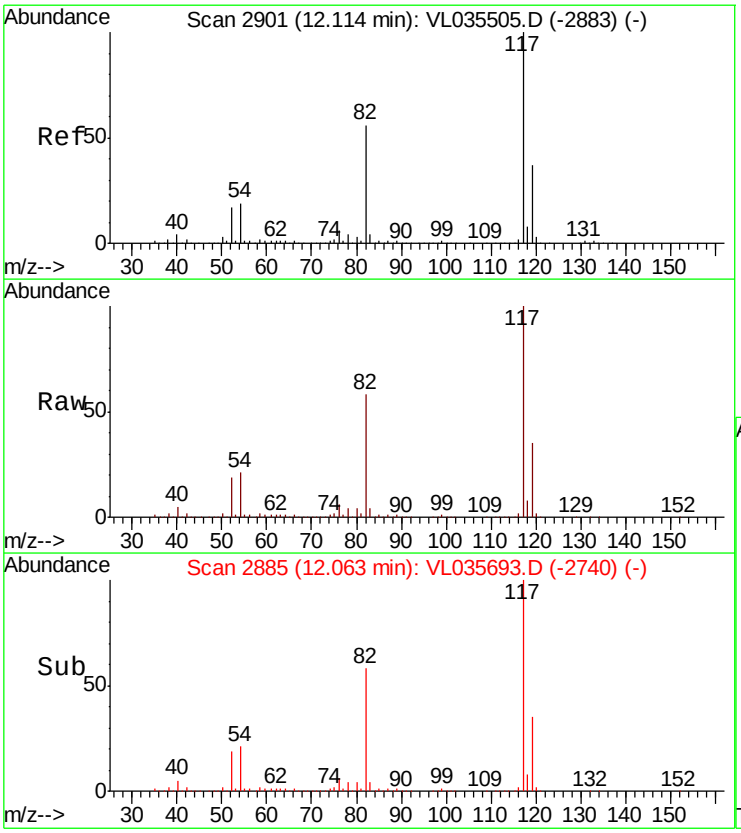
#53
Toluene
Concen: 0.133 ppbv
RT: 9.78 min Scan# 2174
Delta R.T. -0.04 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Tgt Ion: 91 Resp: 41026

Ion	Ratio	Lower	Upper
91	100		
92	60.3	49.8	74.8

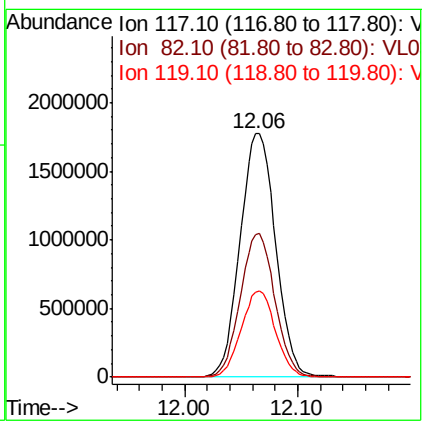


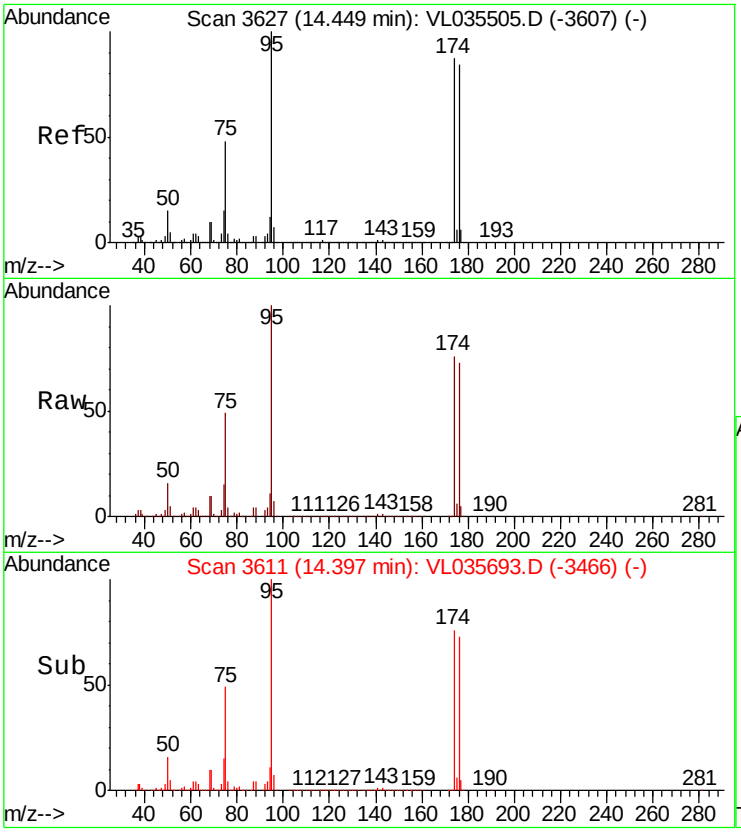


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion:117 Resp: 3882562

Ion	Ratio	Lower	Upper
117	100		
82	57.8	41.6	62.4
119	34.2	29.3	43.9



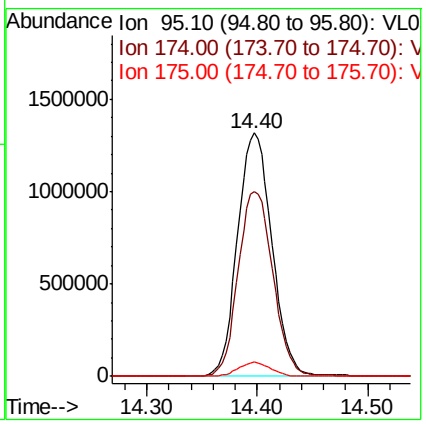


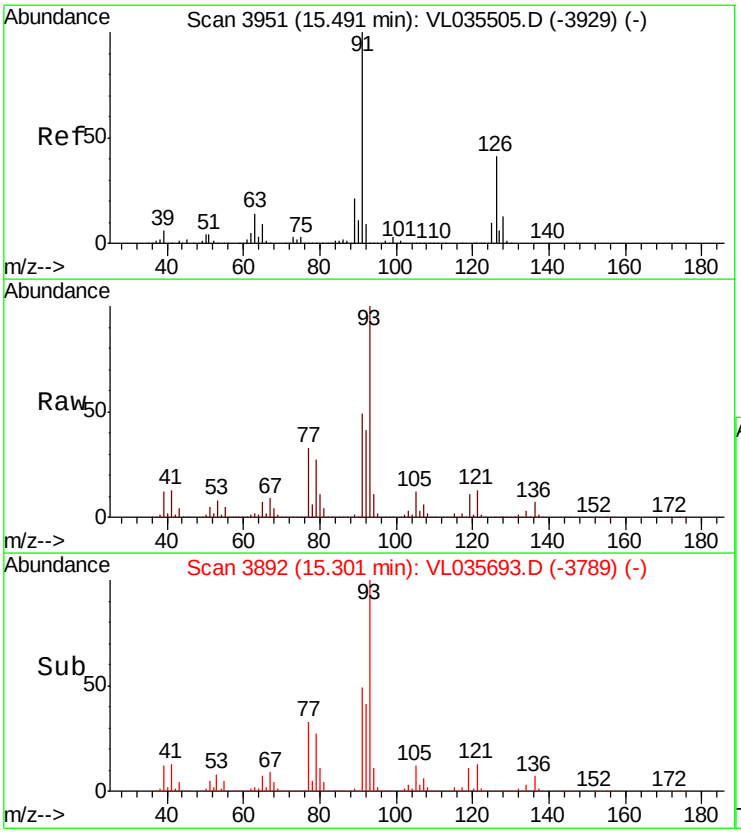
#68
1-Bromo-4-Fluorobenzene
Concen: 10.313 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Instrument : MSVOA_L
ClientSampleId : SV-10DL2

Tgt Ion: 95 Resp: 2843598

Ion	Ratio	Lower	Upper
95	100		
174	77.2	69.6	104.4
175	5.6	5.1	7.7





#71
2-Chlorotoluene
Concen: 4.885 ppbv
RT: 15.30 min Scan# 3892
Delta R.T. -0.17 min
Lab File: VL035693.D
Acq: 21 Sep 2020 19:38

Tgt Ion: 91 Resp: 1925404

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	62.6#