Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
Data File : VL032577.D
Acq On : 28 Sep 2018 10:33
Operator : SY/AP
Sample : J5094-09 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 28 23:12:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1274369	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	2780468	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	2791718	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2138978	10.16	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	10886	0.092	ppbv		100
3) Chlorodifluoromethane	3.03	51	58623	0.553	ppbv		99
13) Ethanol	3.68	45	125816	9.103	ppbv		96
15) Acetone	3.93	43	69942	0.625	ppbv		96
20) Methylene Chloride	4.44	84	34161	0.631	ppbv	#	81
25) Ethyl Acetate	5.80	43	13040	0.048	ppbv	#	96
26) Hexane	5.80	57	7057	0.058	ppbv	#	71
29) Chloroform	5.87	83	8825	0.047	ppbv		84
38) Trichloroethene	7.99	130	8649	0.101	ppbv		92
39) 1,2-Dichloropropane	7.32	63	754785	7.454	ppbv	#	26
52) Tetrachloroethene	11.42	164	4503844	57.566	ppbv		99
58) Ethyl Benzene	13.16	91	47803	0.141	ppbv		92
59) m/p-Xylene	13.18	91	25471	0.085	ppbv	#	31

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
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Acq On : 28 Sep 2018 10:33
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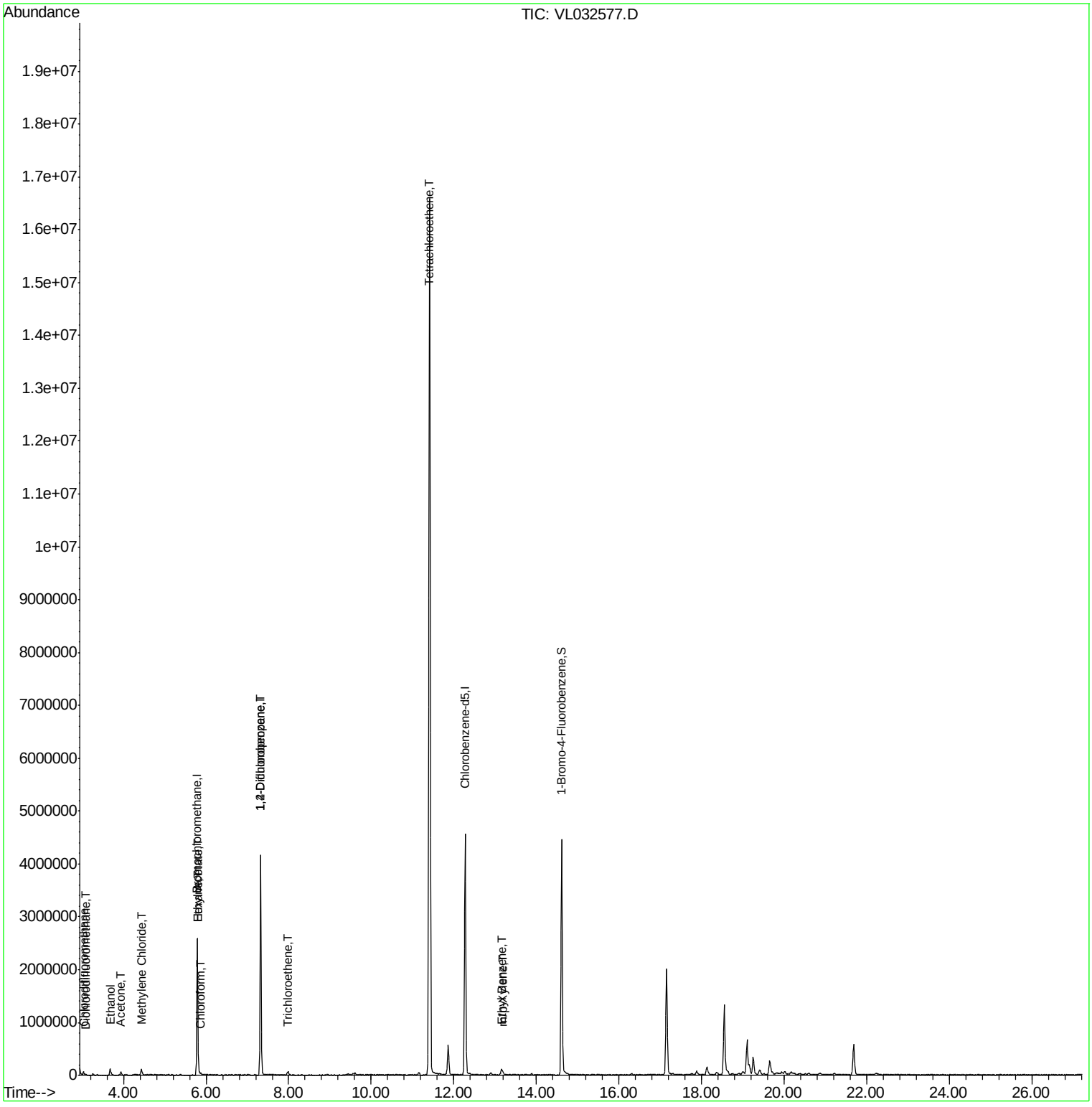
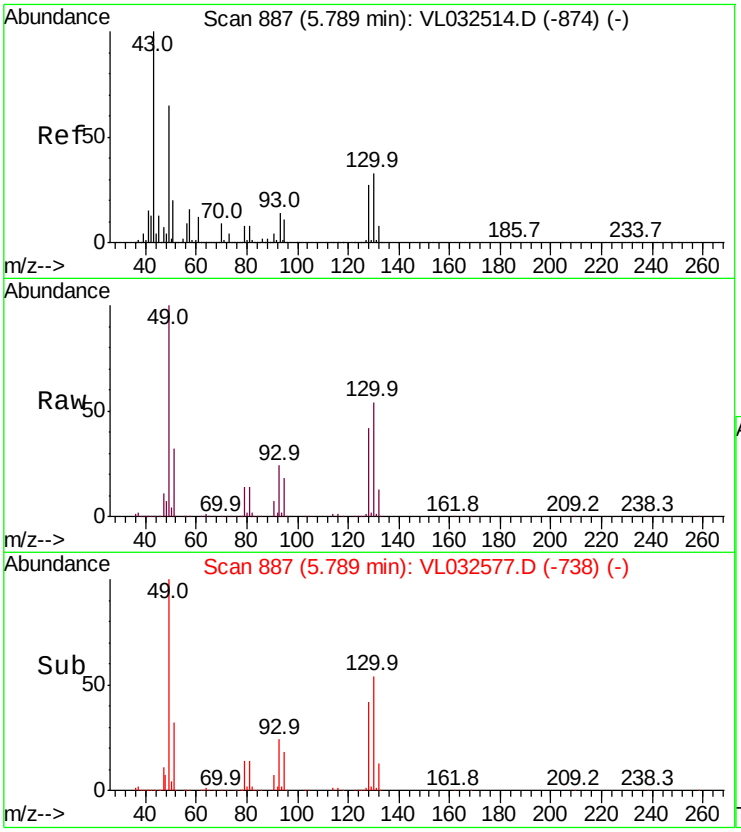
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 28 23:12:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 25 05:17:15 2018
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration



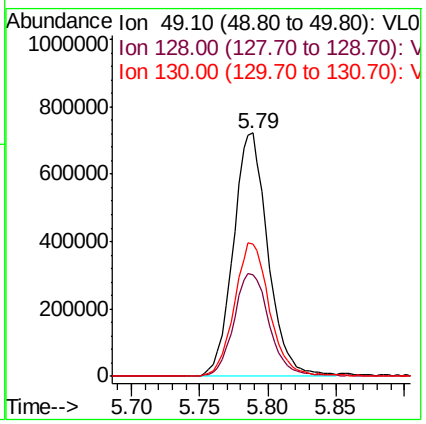


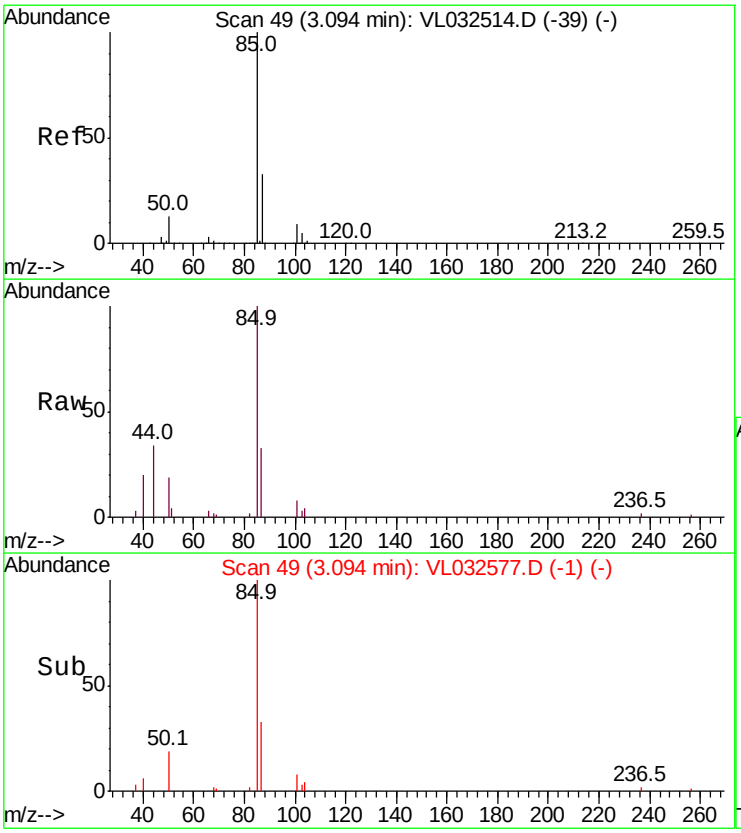
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1274369

Ion	Ratio	Lower	Upper
49	100		
128	43.7	20.7	62.1
130	56.4	26.6	79.7

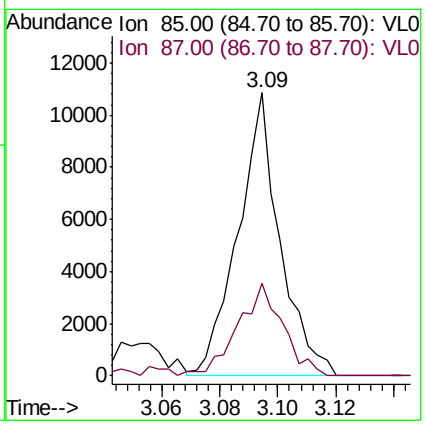


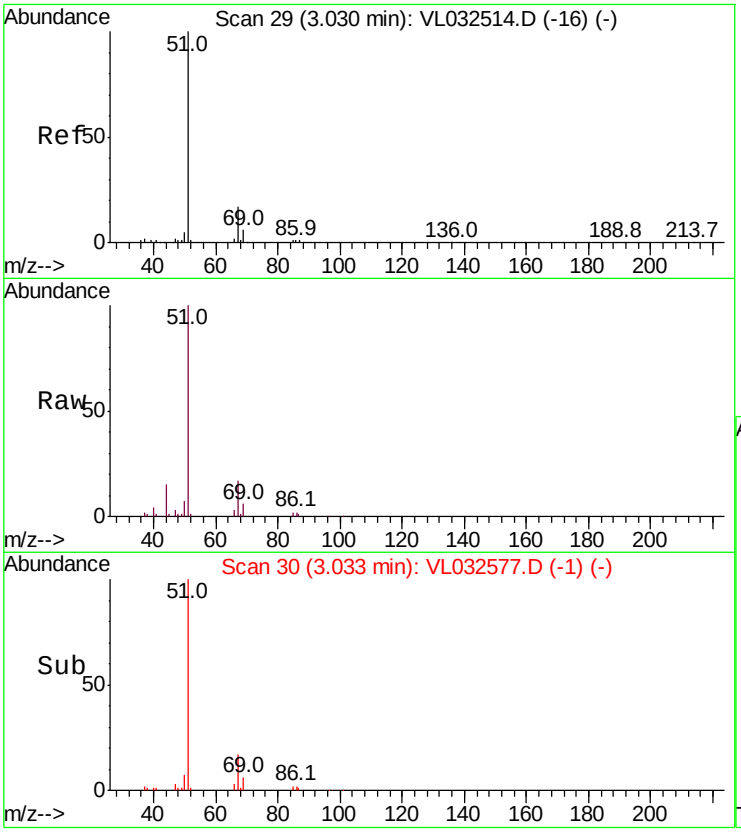


#2
Dichlorodifluoromethane
Concen: 0.092 ppbv
RT: 3.09 min Scan# 49
Delta R.T. -0.01 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion: 85 Resp: 10886

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.2	39.4



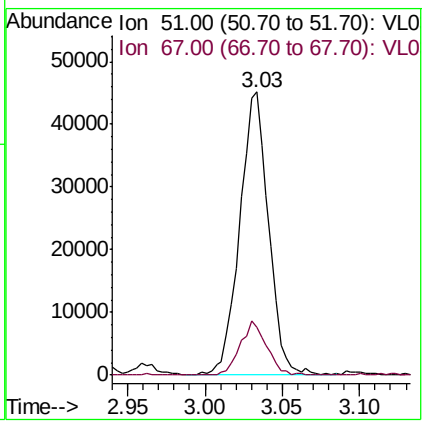


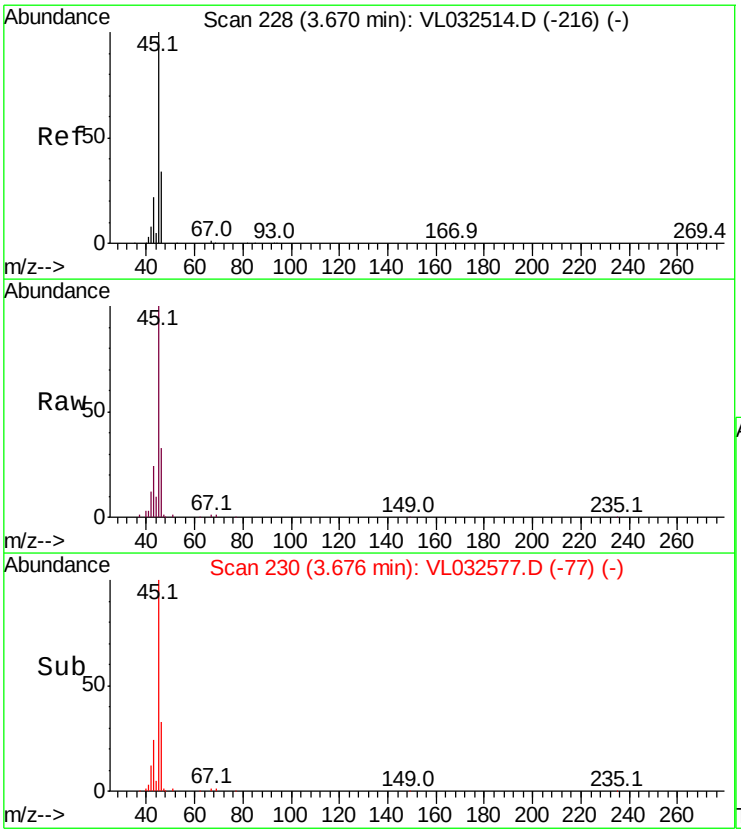
#3
Chlorodifluoromethane
Concen: 0.553 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.01 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 58623

Ion	Ratio	Lower	Upper
51	100		
67	17.5	13.8	20.8

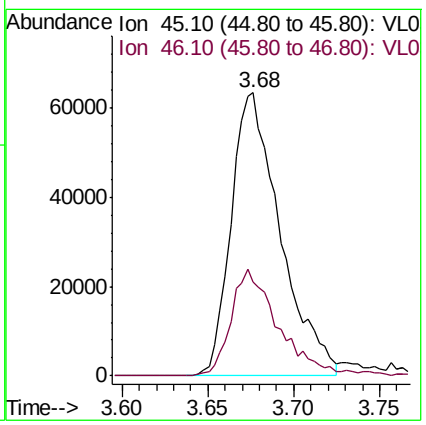


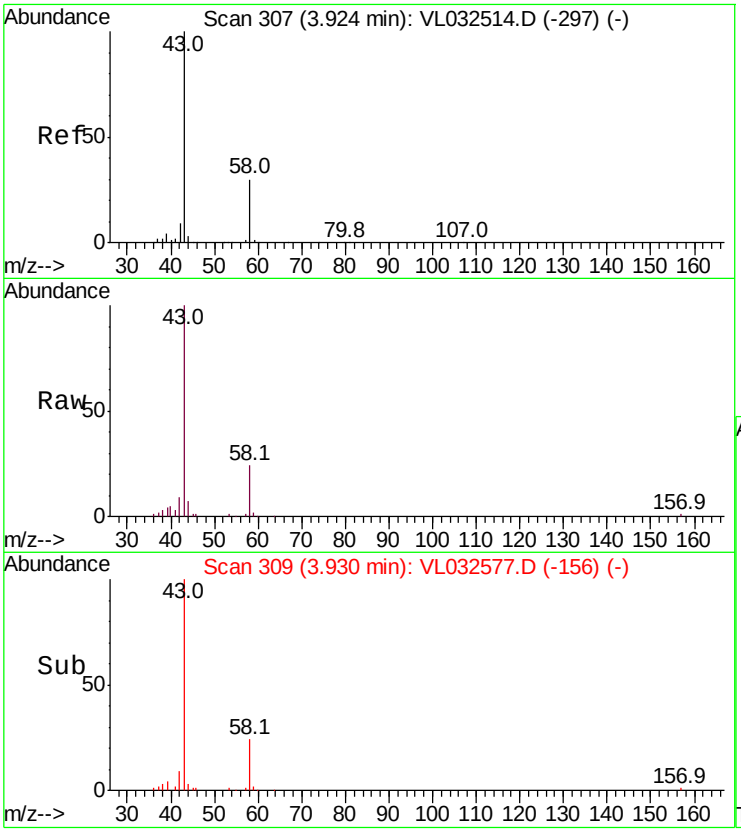


#13
Ethanol
Concen: 9.103 ppbv
RT: 3.68 min Scan# 230
Delta R.T. -0.01 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion: 45 Resp: 125816

Ion	Ratio	Lower	Upper
45	100		
46	37.6	14.2	56.8



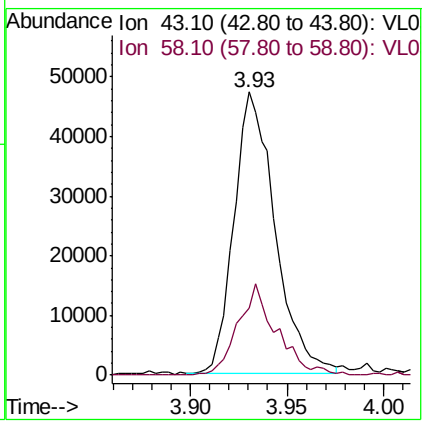


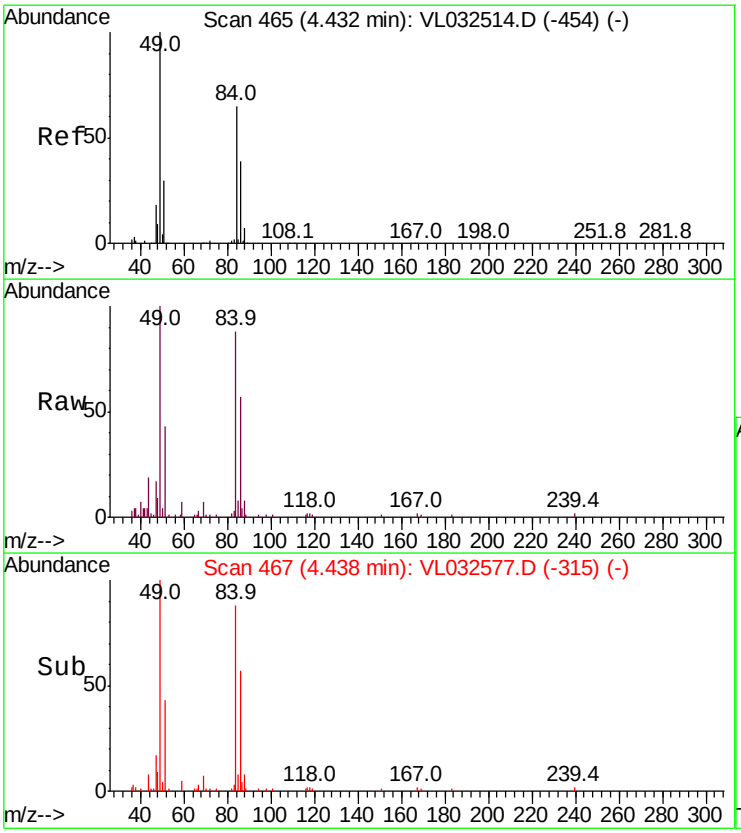
#15
Acetone
Concen: 0.625 ppbv
RT: 3.93 min Scan# 309
Delta R.T. -0.01 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 69942

Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.6	33.8

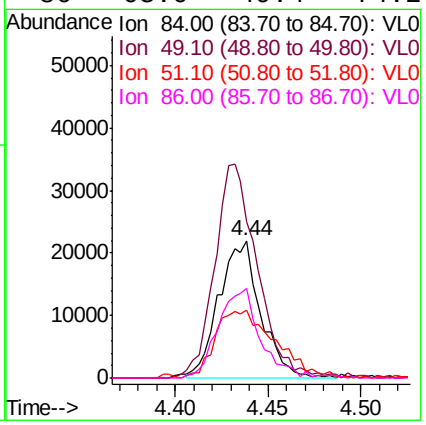


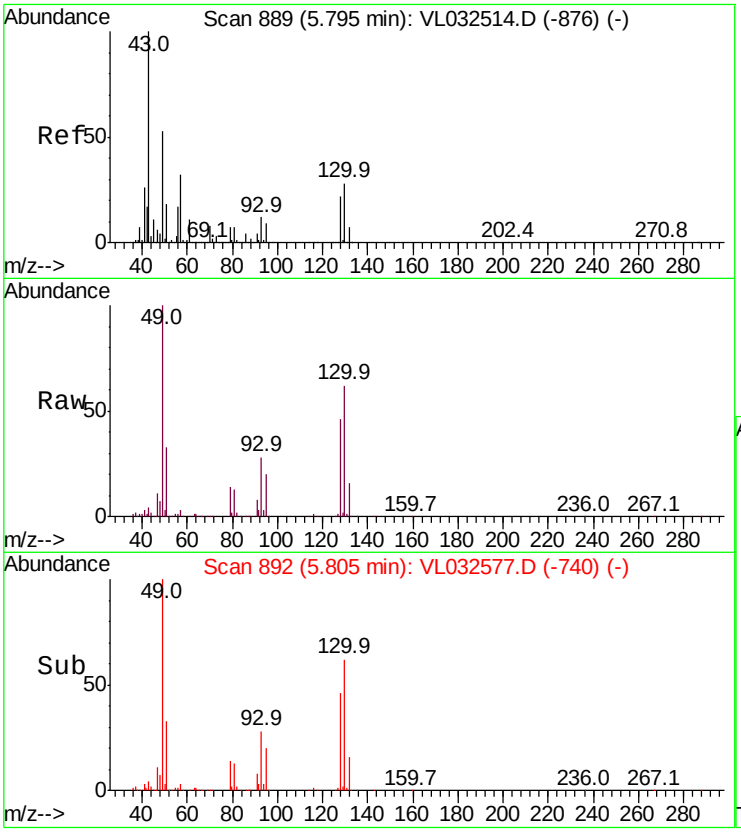


#20
Methylene Chloride
Concen: 0.631 ppbv
RT: 4.44 min Scan# 467
Delta R.T. -0.01 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion: 84 Resp: 34161

Ion	Ratio	Lower	Upper
84	100		
49	110.7	119.1	178.7#
51	48.1	35.2	52.8
86	63.0	49.4	74.2



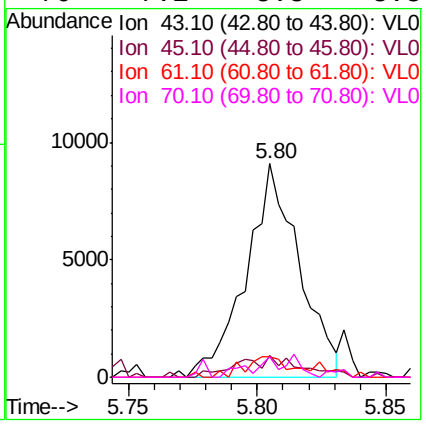


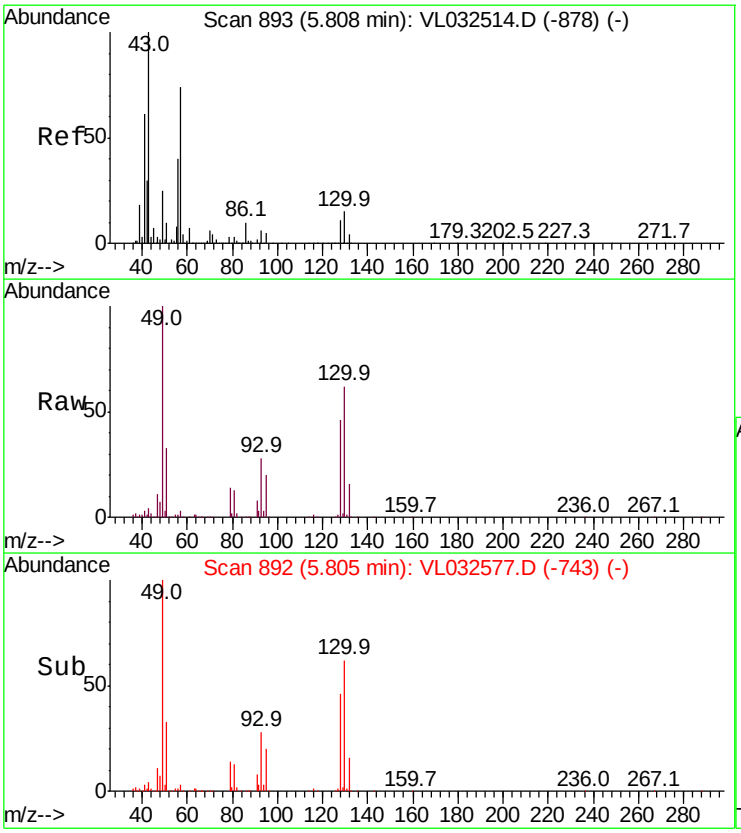
#25
Ethyl Acetate
Concen: 0.048 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 13040

Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.0	12.0#
61	10.9	7.6	11.4
70	7.1	5.8	8.8

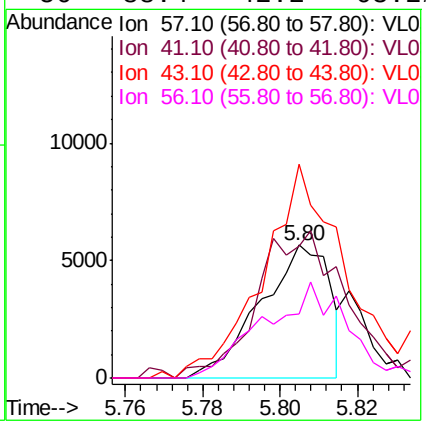


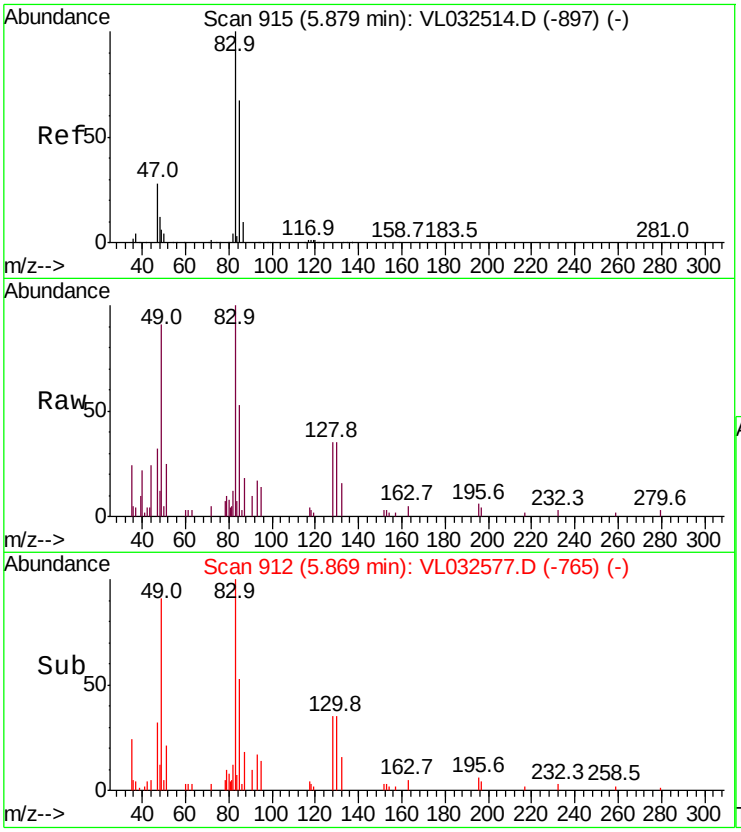


#26
Hexane
Concen: 0.058 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion: 57 Resp: 7057

Ion	Ratio	Lower	Upper
57	100		
41	146.1	69.0	103.4#
43	199.5	172.1	258.1
56	88.4	42.2	63.2#



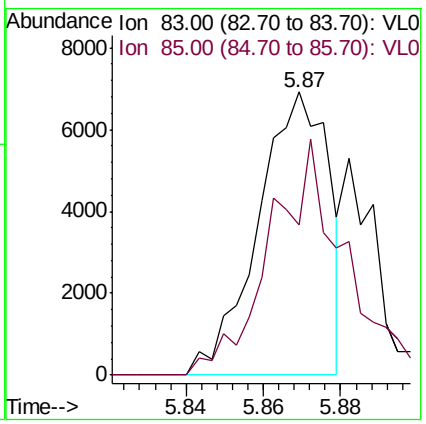


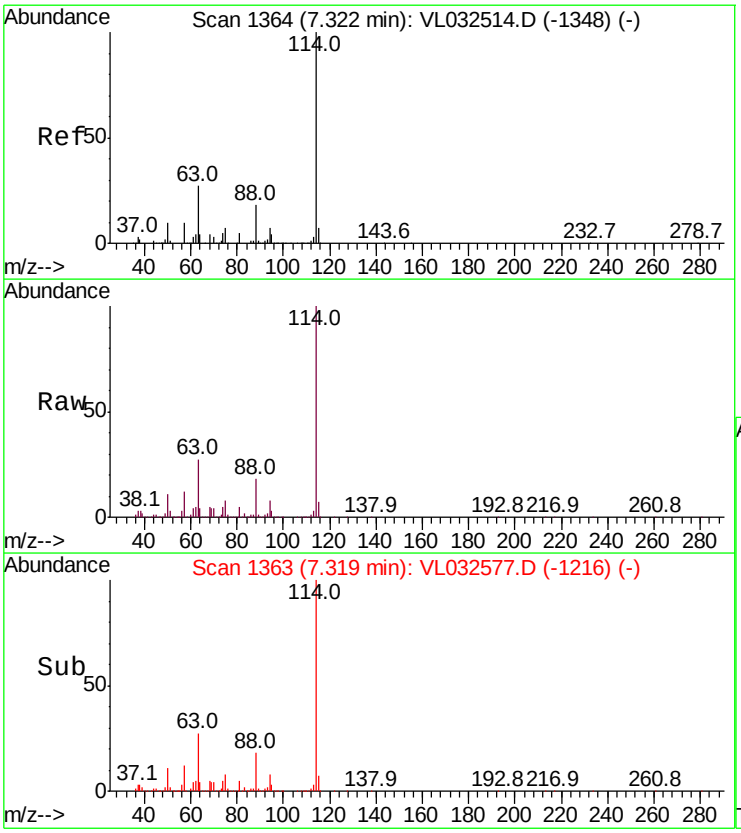
#29
Chloroform
Concen: 0.047 ppbv
RT: 5.87 min Scan# 912
Delta R.T. -0.03 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 8825

Ion	Ratio	Lower	Upper
83	100		
85	53.1	52.5	78.7

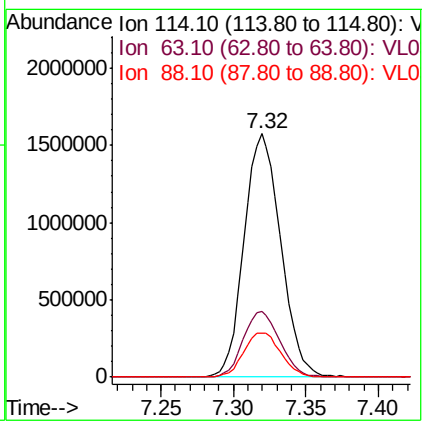


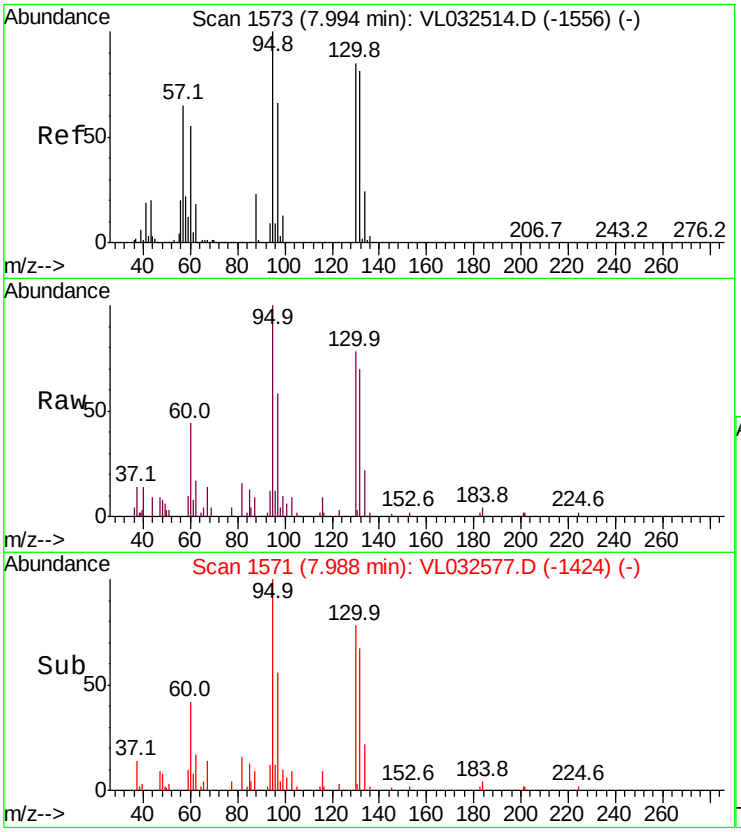


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion:114 Resp: 2780468

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.2	33.4
88	18.6	15.0	22.4



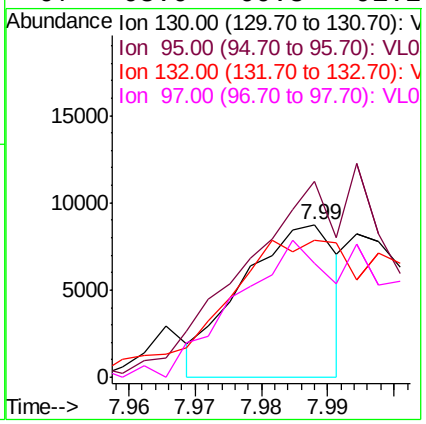


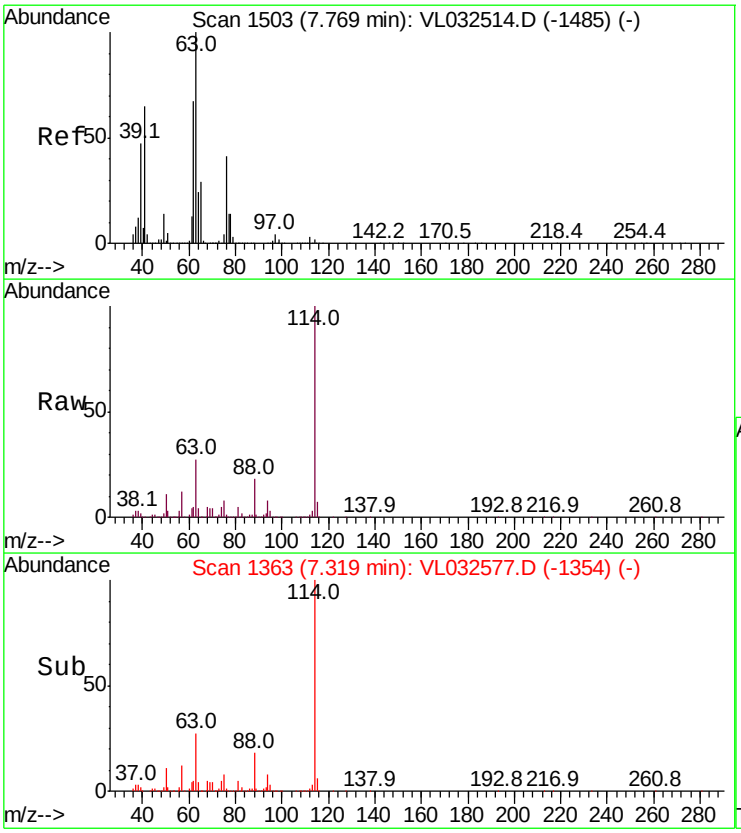
#38
Trichloroethene
Concen: 0.101 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.03 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 8649

Ion	Ratio	Lower	Upper
130	100		
95	119.4	94.2	141.4
132	85.8	76.2	114.4
97	63.0	60.8	91.2

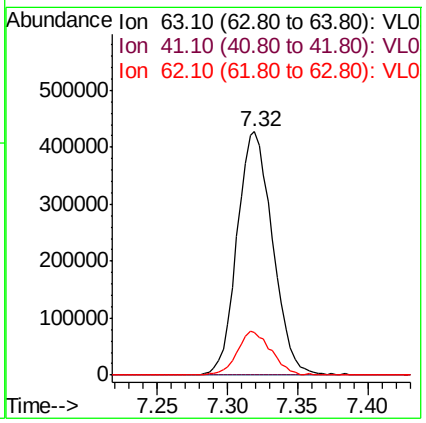


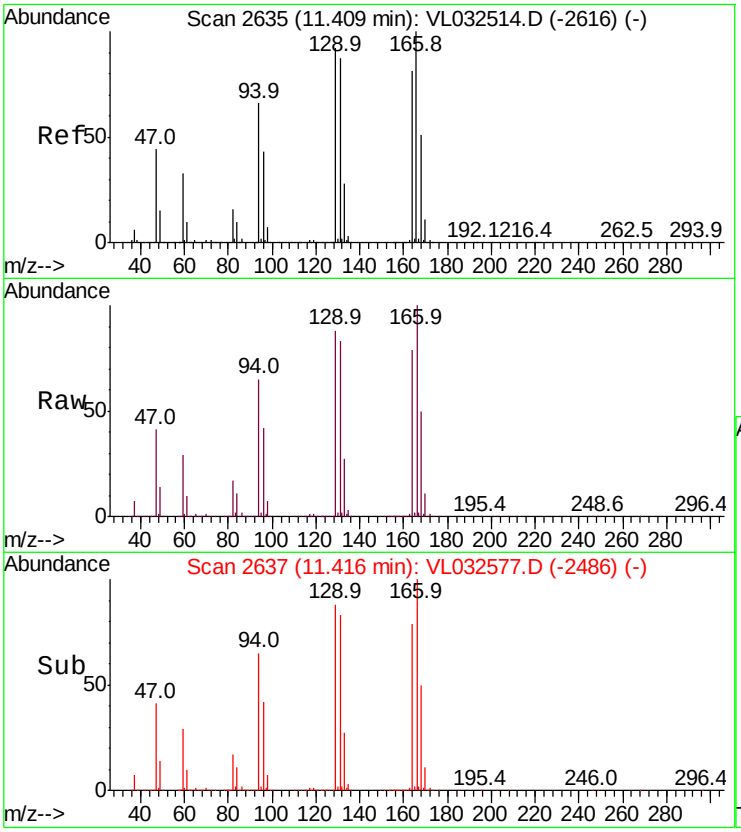


#39
1,2-Dichloropropane
Concen: 7.454 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion: 63 Resp: 754785

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	17.7	55.4	83.0#



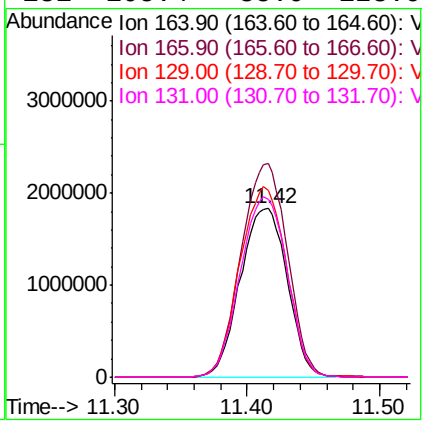


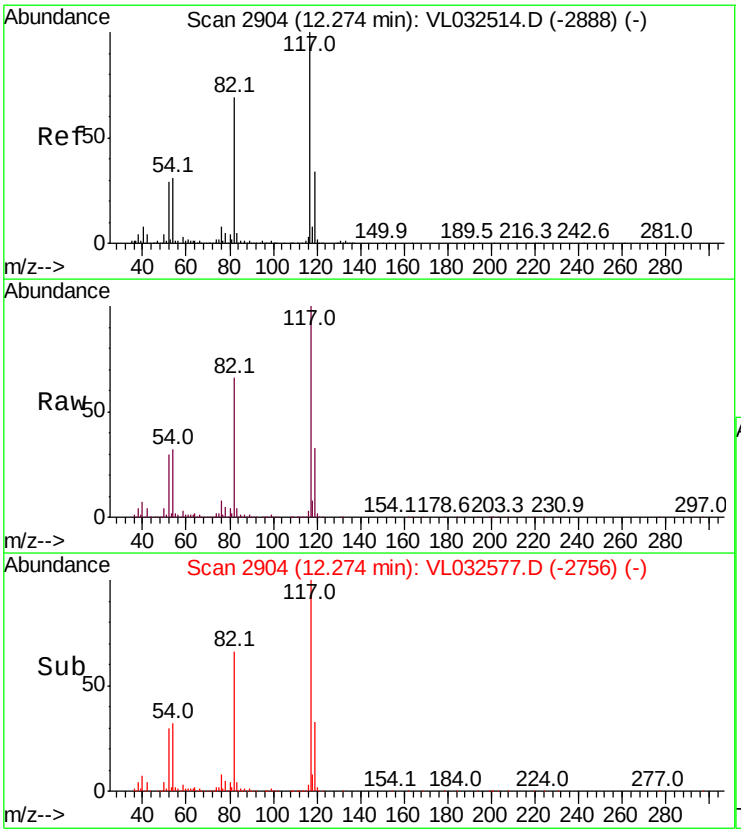
#52
Tetrachloroethene
Concen: 57.566 ppbv
RT: 11.42 min Scan# 2637
Delta R.T. -0.01 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 4503844

Ion	Ratio	Lower	Upper
164	100		
166	126.4	100.6	150.8
129	110.8	89.9	134.9
131	105.4	85.9	128.9

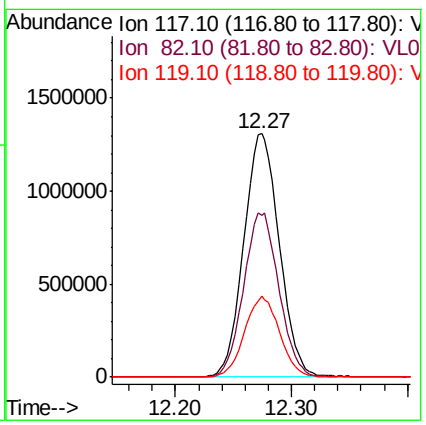


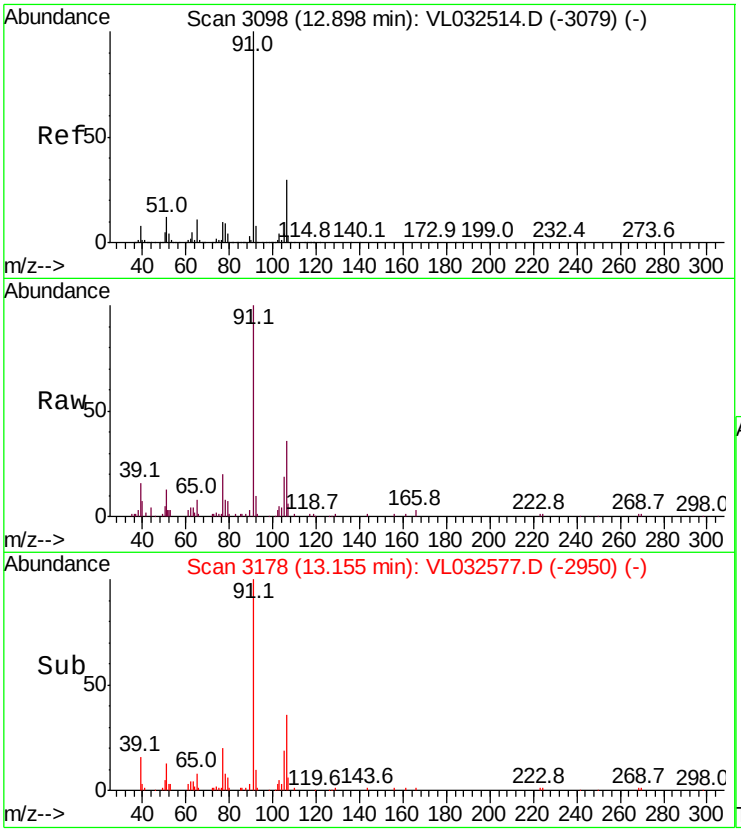


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion:117 Resp: 2791718

Ion	Ratio	Lower	Upper
117	100		
82	67.8	53.0	79.6
119	32.7	45.9	68.9#



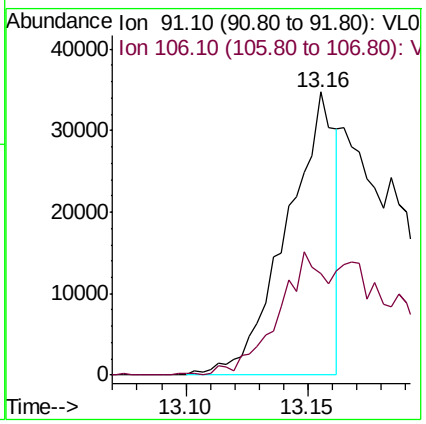


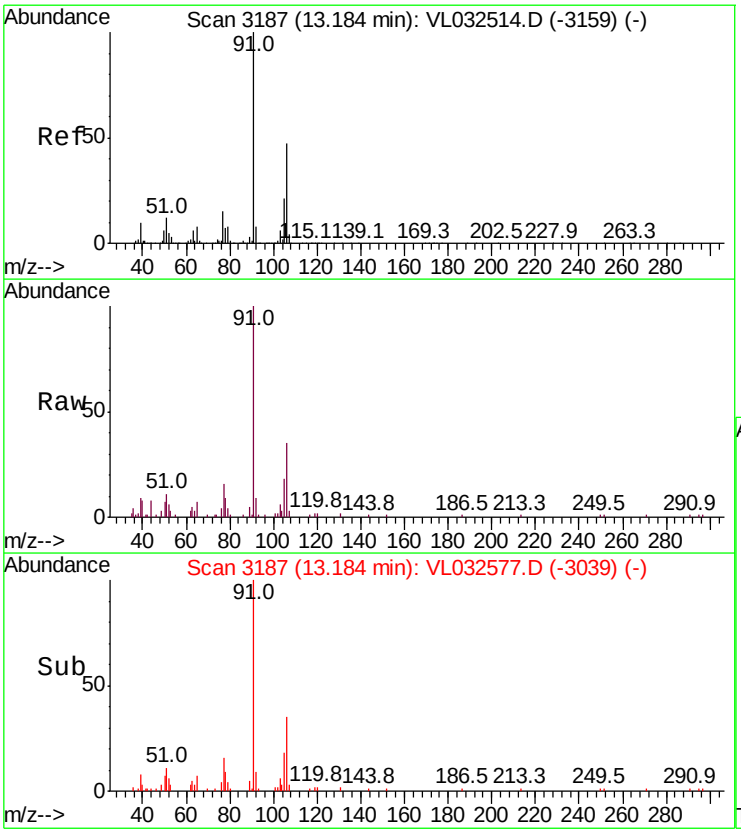
#58
Ethyl Benzene
Concen: 0.141 ppbv
RT: 13.16 min Scan# 3178
Delta R.T. 0.23 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 47803

Ion	Ratio	Lower	Upper
91	100		
106	35.5	24.8	37.2

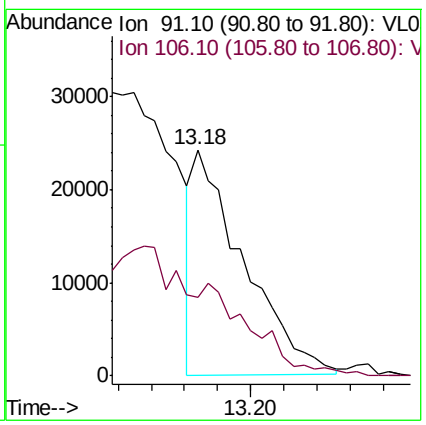


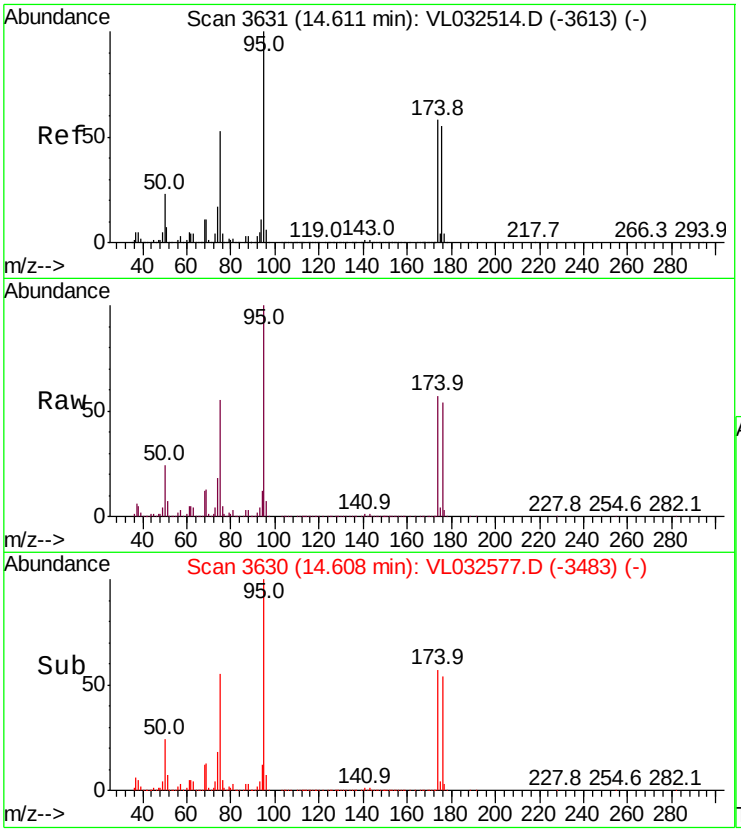


#59
m/p-Xylene
Concen: 0.085 ppbv
RT: 13.18 min Scan# 3187
Delta R.T. -0.02 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Tgt Ion: 91 Resp: 25471

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.6	55.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.160 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032577.D
Acq: 28 Sep 2018 10:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2138978

Ion	Ratio	Lower	Upper
95	100		
174	58.1	46.3	69.5
175	4.1	3.4	5.0