Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
Data File : VL032543.D
Acq On : 25 Sep 2018 13:34
Operator : SY/AP
Sample : J5034-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL

Quant Time: Sep 25 15:44:45 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

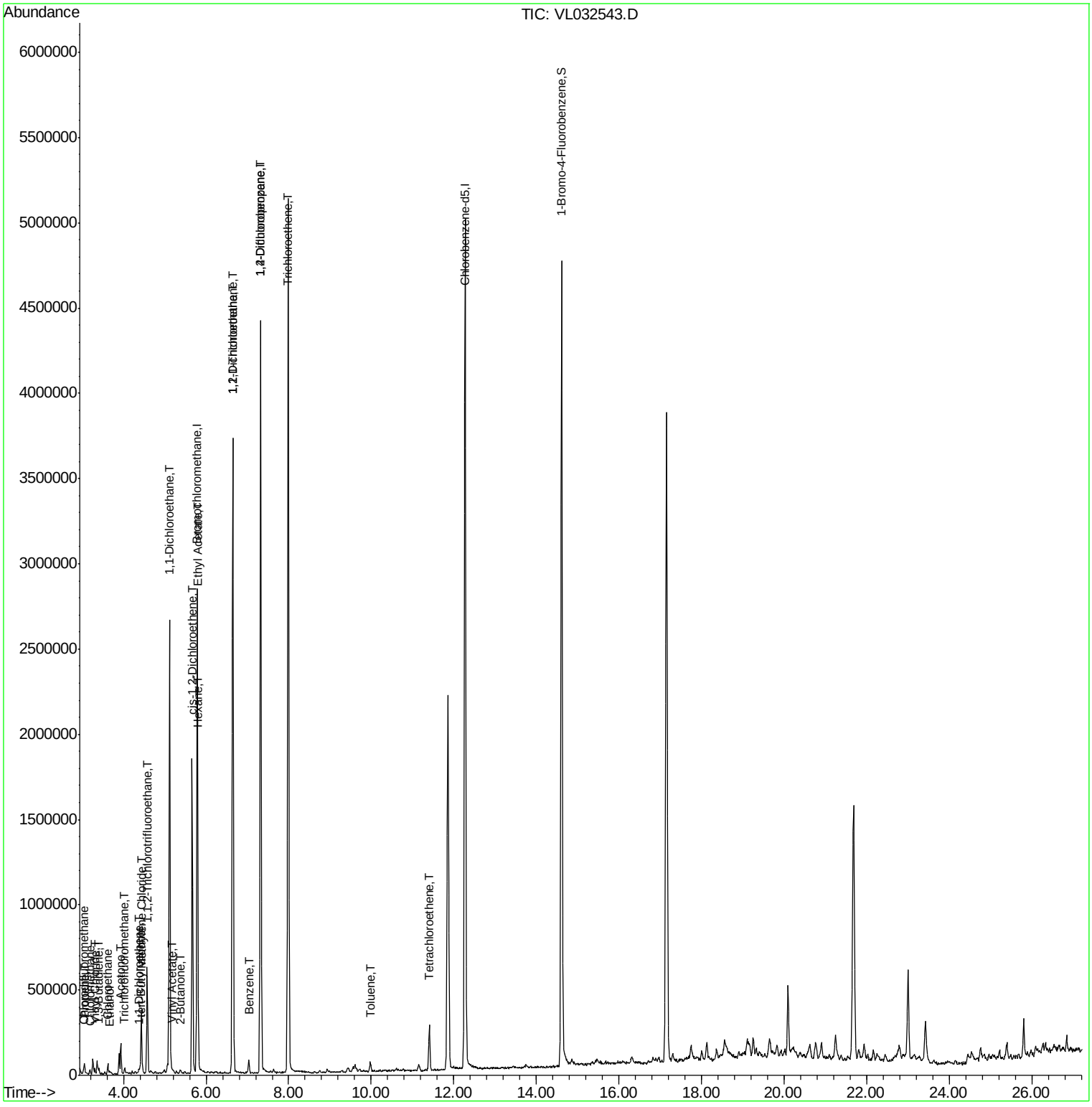
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1450510	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	3176199	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3253702	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2527526	10.30	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.03	51	24506	0.203	ppbv		97
4) Chloromethane	3.19	50	21441	0.305	ppbv		92
5) Vinyl Chloride	3.31	62	22234	0.313	ppbv		92
7) Chloroethane	3.62	64	36074	1.425	ppbv		94
9) Propene	3.05	41	14630	0.280	ppbv		98
11) Trichlorofluoromethane	4.02	101	18654	0.117	ppbv		89
12) 1,1,2-Trichlorotrifluoroet	4.58	101	229605	1.761	ppbv		99
13) Ethanol	3.66	45	1038	0.066	ppbv	#	39
15) Acetone	3.93	43	179831	1.412	ppbv		99
16) 1,3-Butadiene	3.41	39	3857	0.075	ppbv	#	1
17) tert-Butyl alcohol	4.40	59	9572	0.598	ppbv	#	100
18) 1,1-Dichloroethene	4.38	96	3784	0.062	ppbv	#	86
20) Methylene Chloride	4.43	84	114374	1.855	ppbv		98
23) Vinyl Acetate	5.17	43	18389	0.082	ppbv	#	81
24) 1,1-Dichloroethane	5.11	63	2297712	12.264	ppbv		99
25) Ethyl Acetate	5.80	43	24655	0.080	ppbv	#	82
26) Hexane	5.81	57	28681	0.206	ppbv	#	45
31) cis-1,2-Dichloroethene	5.66	61	1019096	7.668	ppbv		100
32) 1,1,1-Trichloroethane	6.64	97	2460470	10.783	ppbv		97
34) 2-Butanone	5.37	43	23468	0.124	ppbv		92
36) Benzene	7.04	78	63656	0.248	ppbv	#	93
37) 1,2-Dichloroethane	6.64	62	93038	0.601	ppbv	#	1
38) Trichloroethene	7.99	130	1618296	16.471	ppbv		98
39) 1,2-Dichloropropane	7.32	63	854403	7.386	ppbv	#	25
52) Tetrachloroethene	11.40	164	64674	0.724	ppbv		97
53) Toluene	9.98	91	24606	0.079	ppbv	#	59

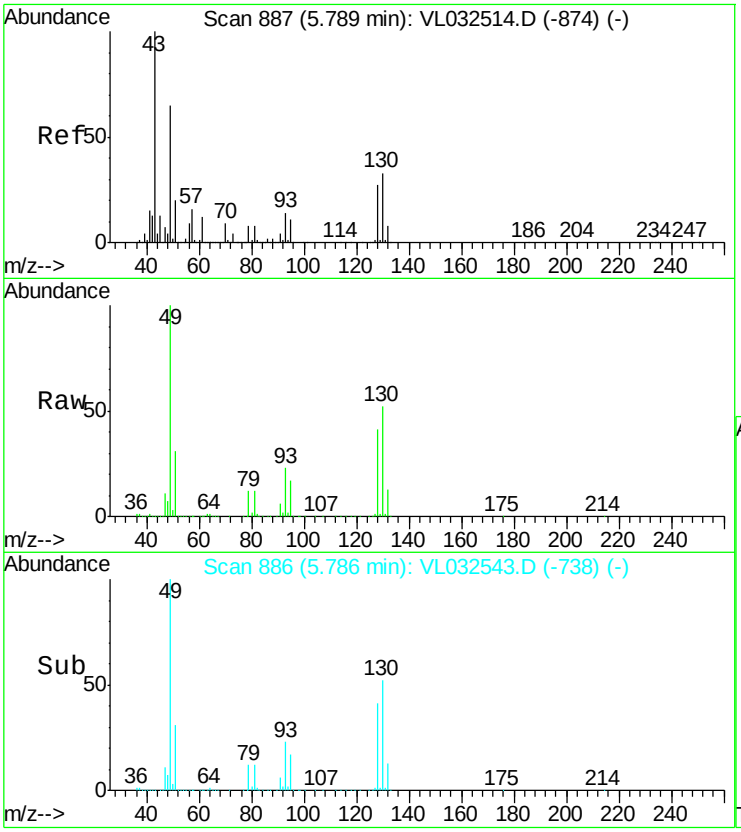
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092418\
Data File : VL032543.D
Acq On : 25 Sep 2018 13:34
Operator : SY/AP
Sample : J5034-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Quant Time: Sep 25 15:44:45 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



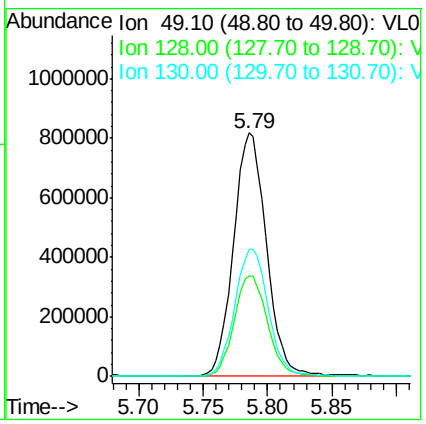


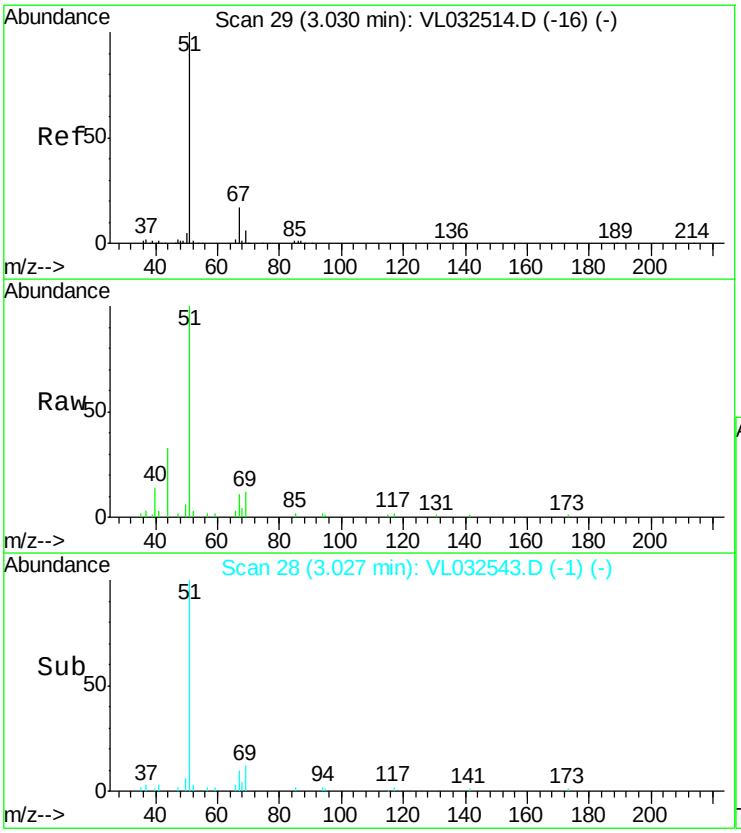
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion: 49 Resp: 1450510

Ion	Ratio	Lower	Upper
49	100		
128	42.1	20.7	62.1
130	53.5	26.6	79.7

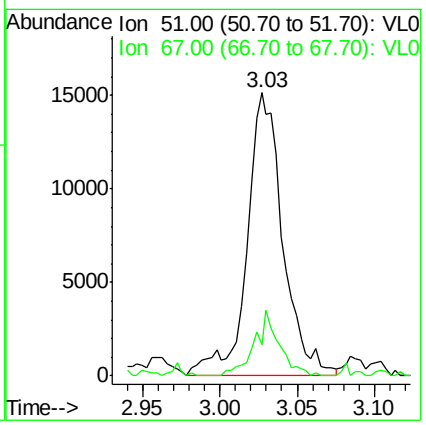


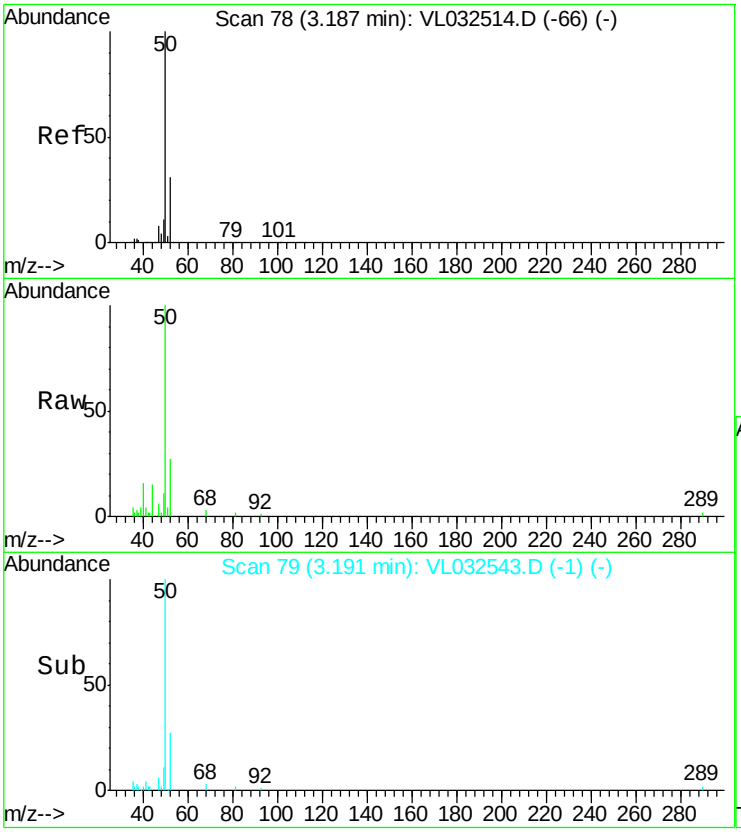


#3
Chlorodifluoromethane
Concen: 0.203 ppbv
RT: 3.03 min Scan# 28
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 51 Resp: 24506

Ion	Ratio	Lower	Upper
51	100		
67	16.0	13.8	20.8



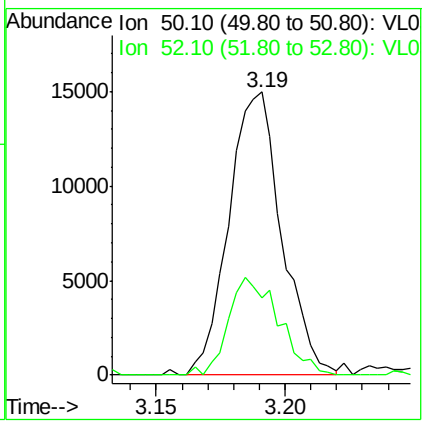


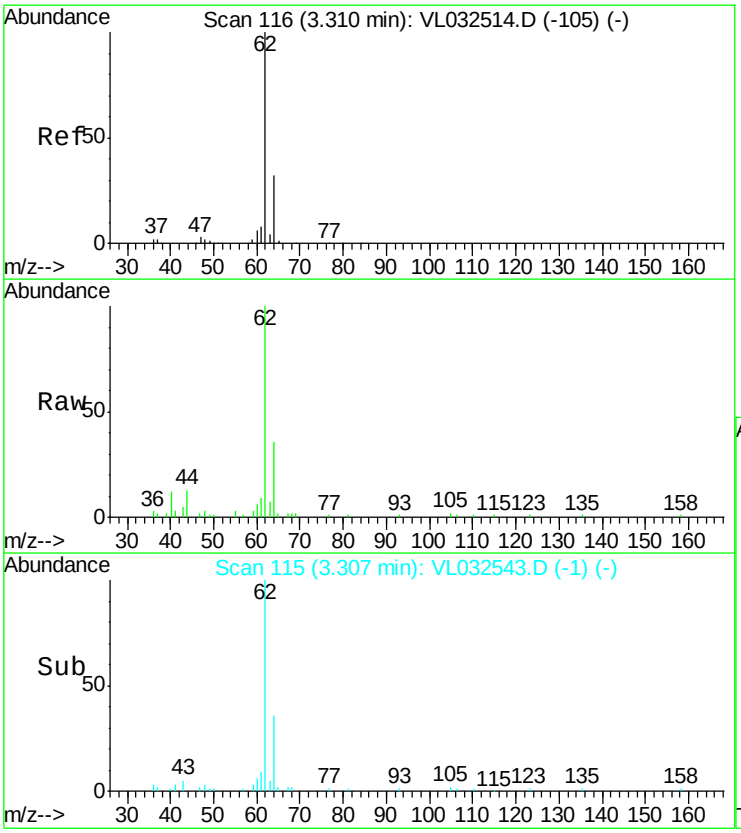
#4
Chloromethane
Concen: 0.305 ppbv
RT: 3.19 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion: 50 Resp: 21441

Ion	Ratio	Lower	Upper
50	100		
52	27.5	25.6	38.4

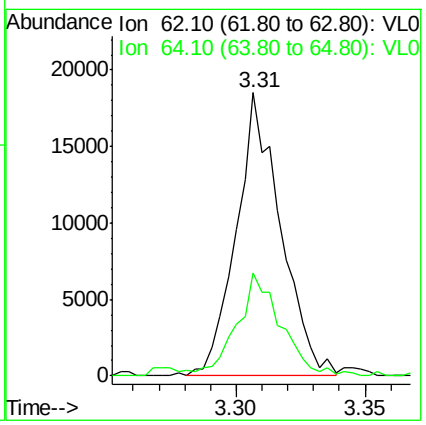


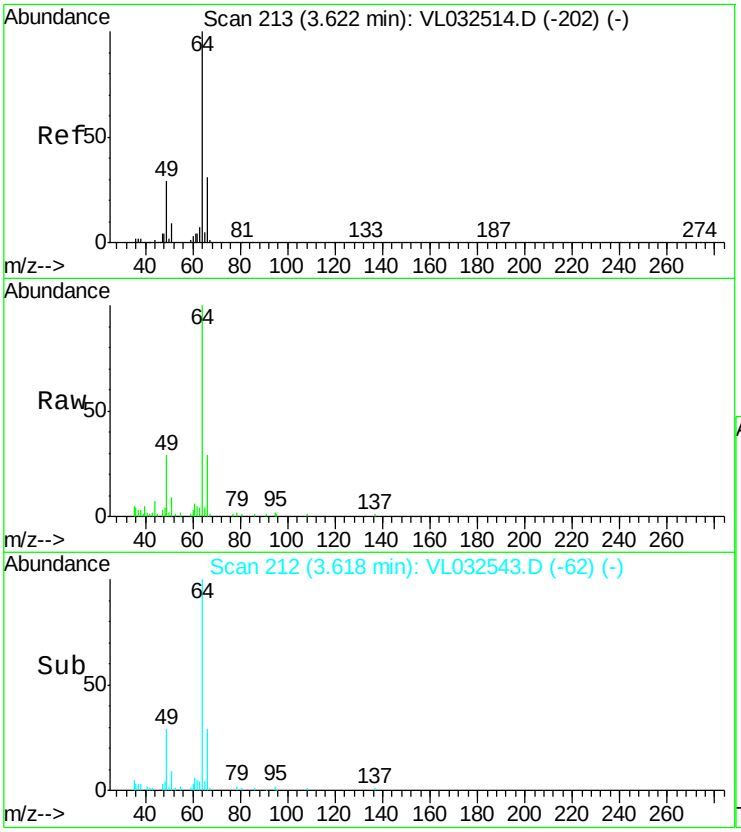


#5
Vinyl Chloride
Concen: 0.313 ppbv
RT: 3.31 min Scan# 115
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 62 Resp: 22234

Ion	Ratio	Lower	Upper
62	100		
64	35.5	25.0	37.6



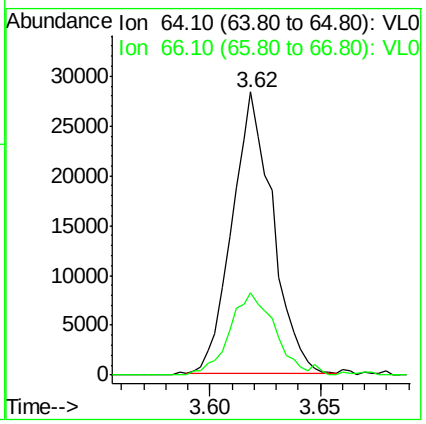


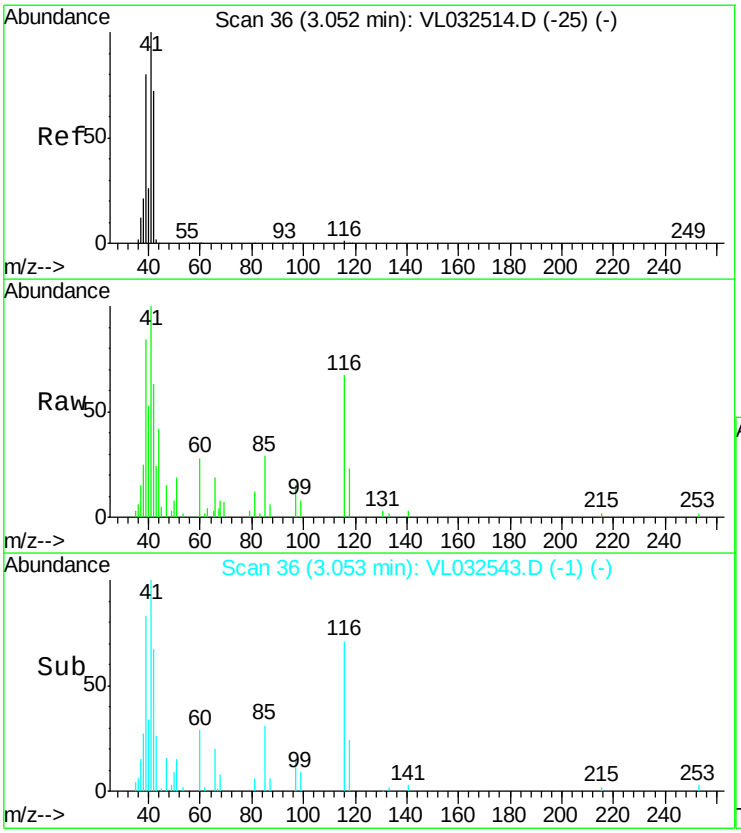
#7
Chloroethane
Concen: 1.425 ppbv
RT: 3.62 min Scan# 212
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion: 64 Resp: 36074

Ion	Ratio	Lower	Upper
64	100		
66	29.1	25.8	38.6

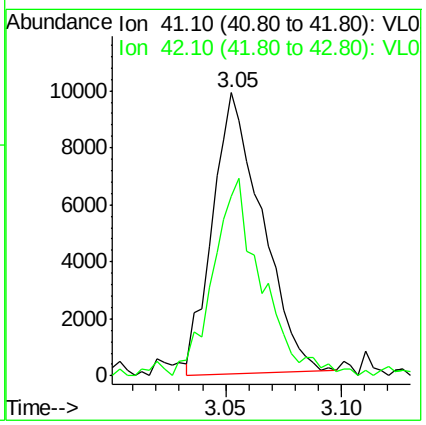


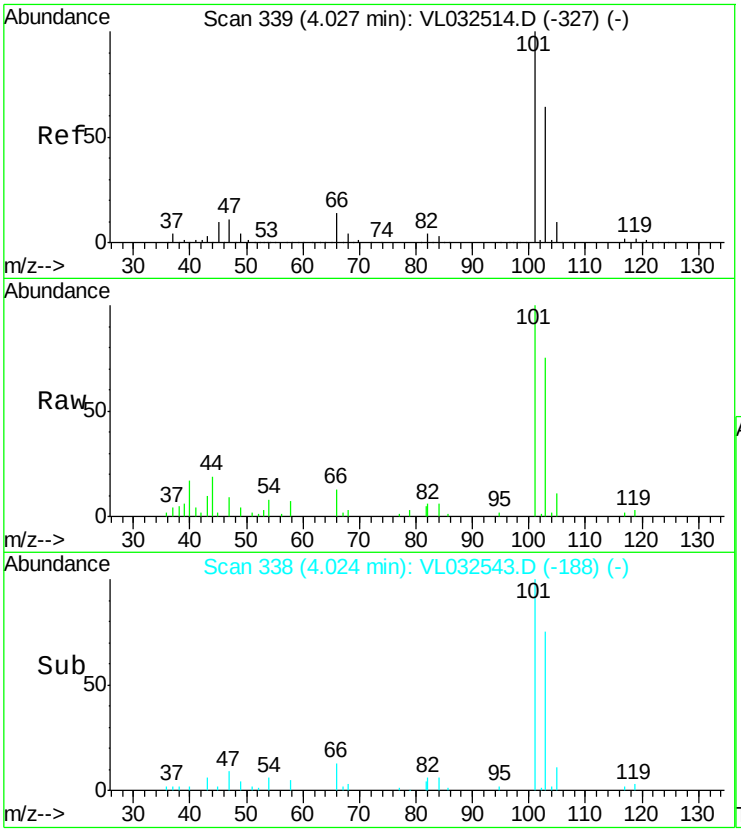


#9
Propene
Concen: 0.280 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 41 Resp: 14630

Ion	Ratio	Lower	Upper
41	100		
42	72.3	56.6	84.8



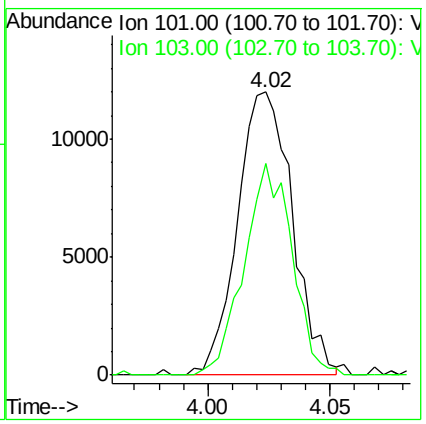


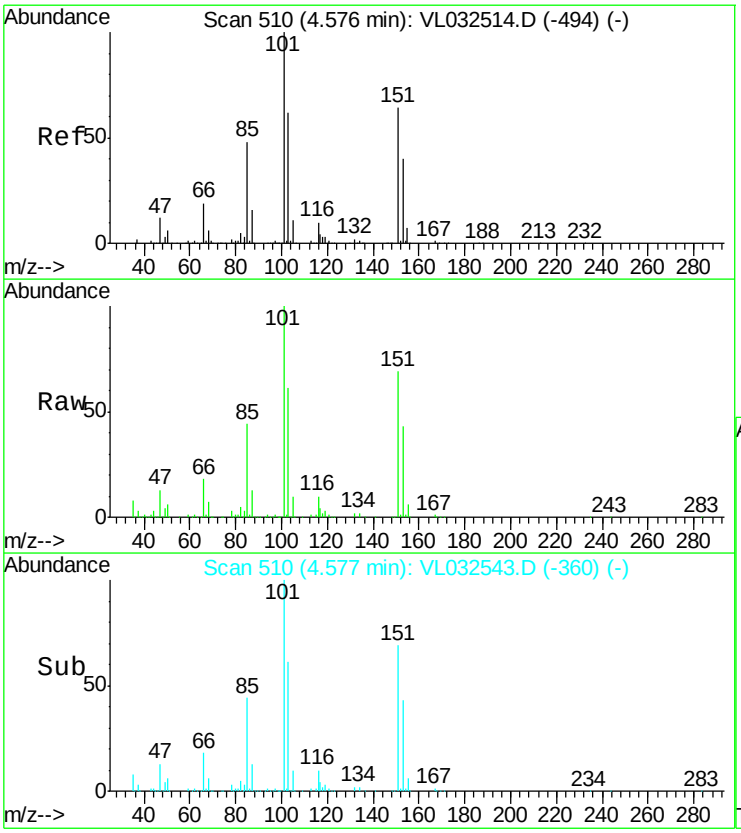
#11
Trichlorofluoromethane
Concen: 0.117 ppbv
RT: 4.02 min Scan# 338
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion:101 Resp: 18654

Ion	Ratio	Lower	Upper
101	100		
103	74.8	52.8	79.2

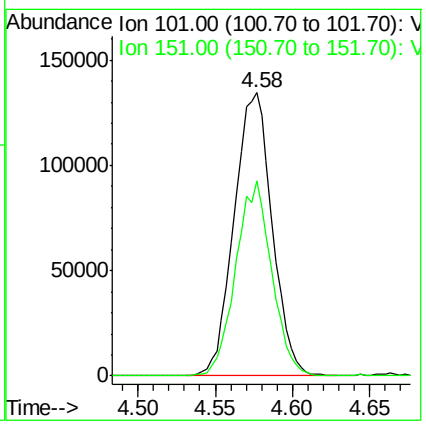


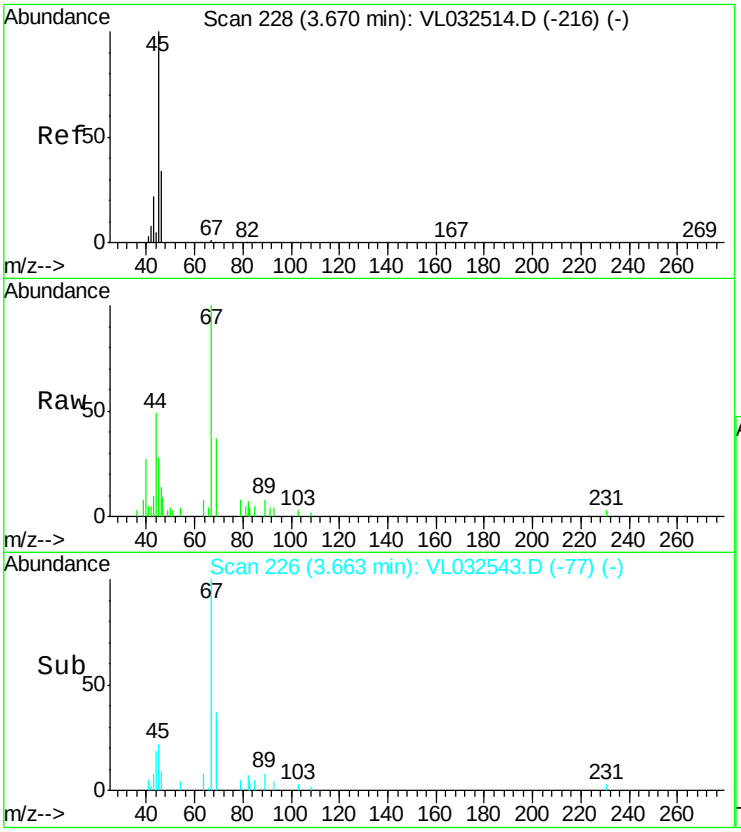


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.761 ppbv
RT: 4.58 min Scan# 510
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion:101 Resp: 229605

Ion	Ratio	Lower	Upper
101	100		
151	65.1	52.6	78.8



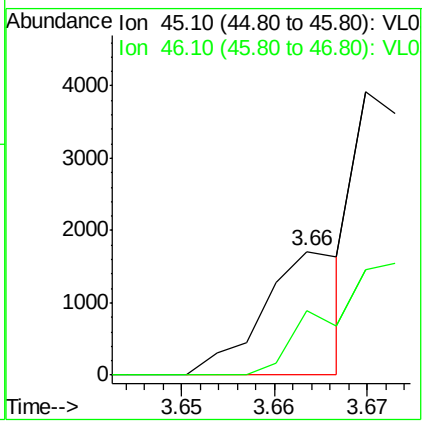


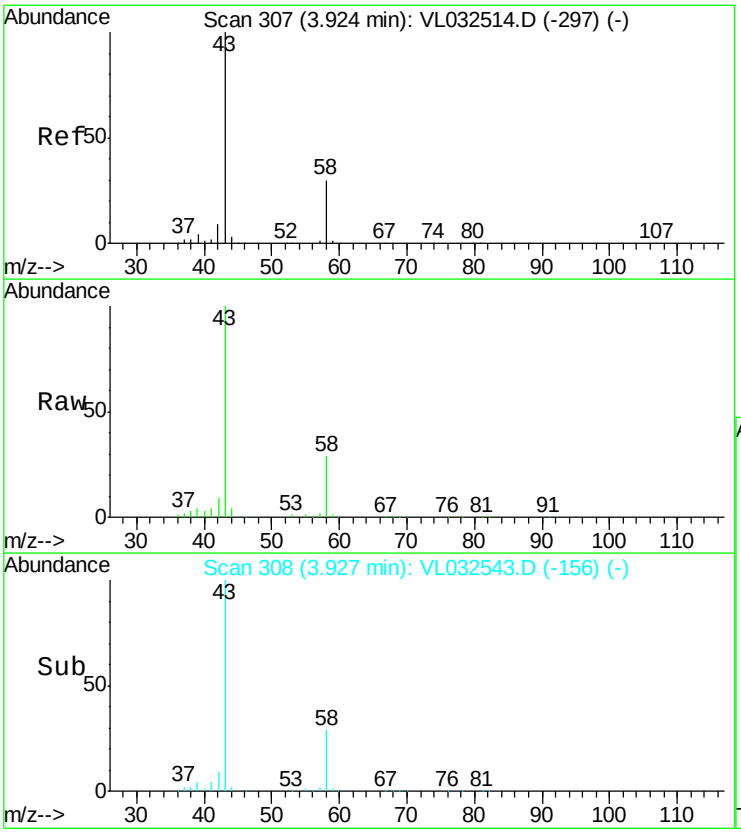
#13
Ethanol
Concen: 0.066 ppbv
RT: 3.66 min Scan# 226
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion: 45 Resp: 1038

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.2	56.8#

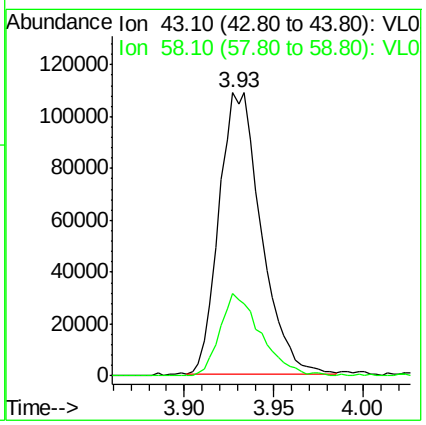


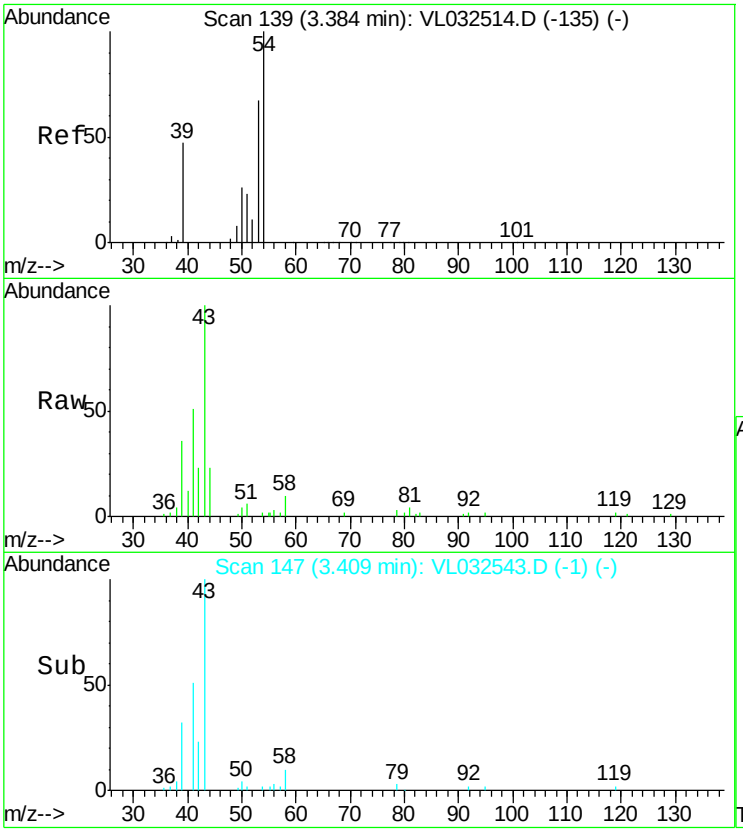


#15
Acetone
Concen: 1.412 ppbv
RT: 3.93 min Scan# 308
Delta R.T. -0.01 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 43 Resp: 179831

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.6	33.8



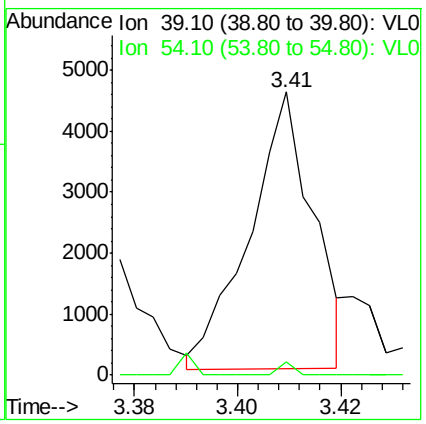


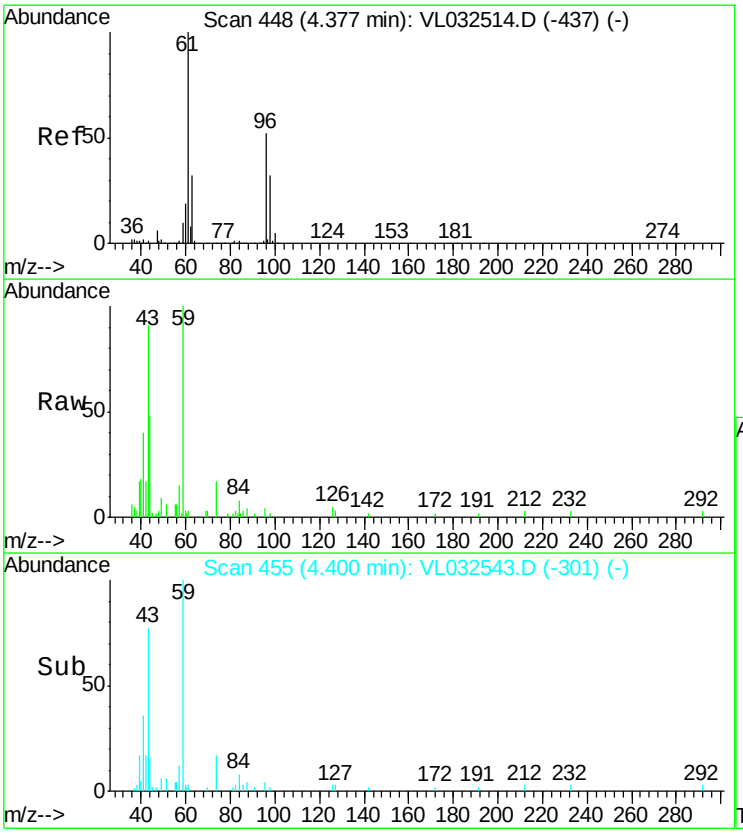
#16
1,3-Butadiene
Concen: 0.075 ppbv
RT: 3.41 min Scan# 147
Delta R.T. 0.01 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion: 39 Resp: 3857

Ion	Ratio	Lower	Upper
39	100		
54	0.0	80.8	121.2#

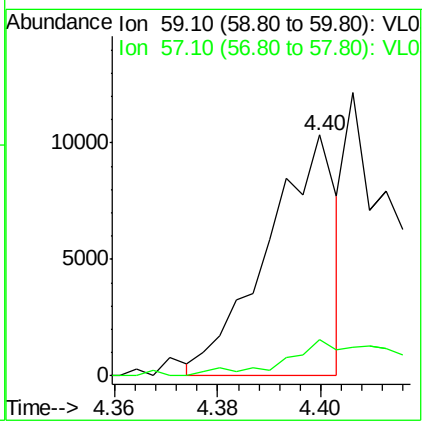


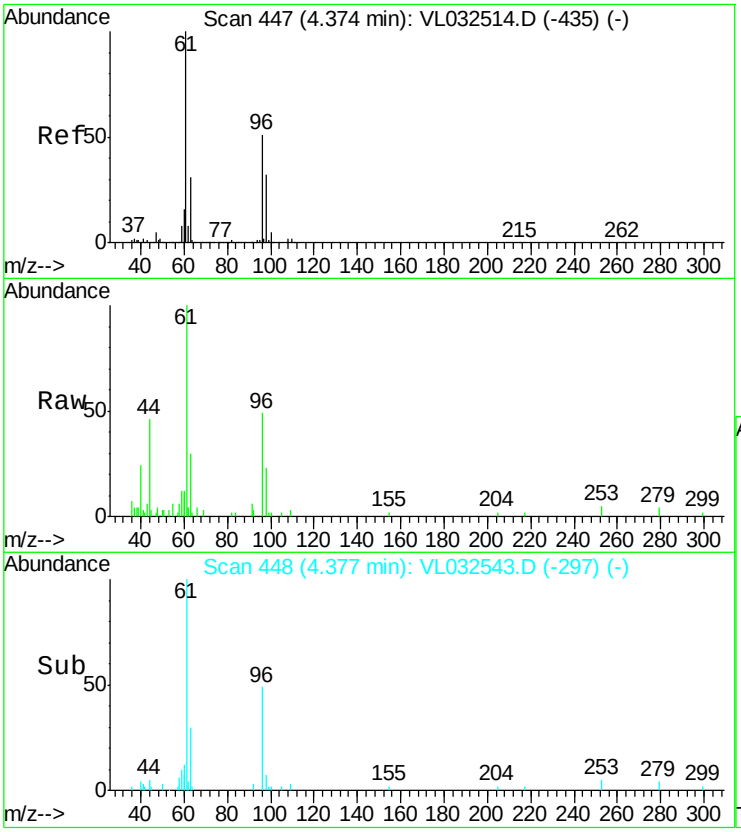


#17
tert-Butyl alcohol
Concen: 0.598 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 59 Resp: 9572

Ion	Ratio	Lower	Upper
59	100		
57	34.8	0.0	0.0#



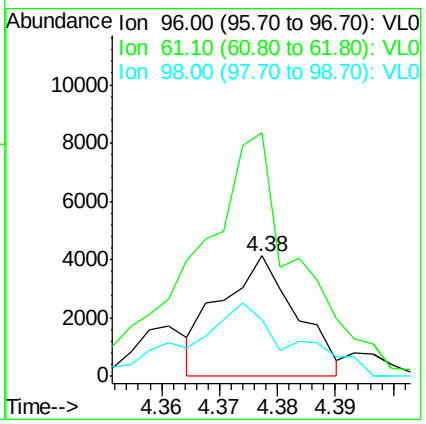


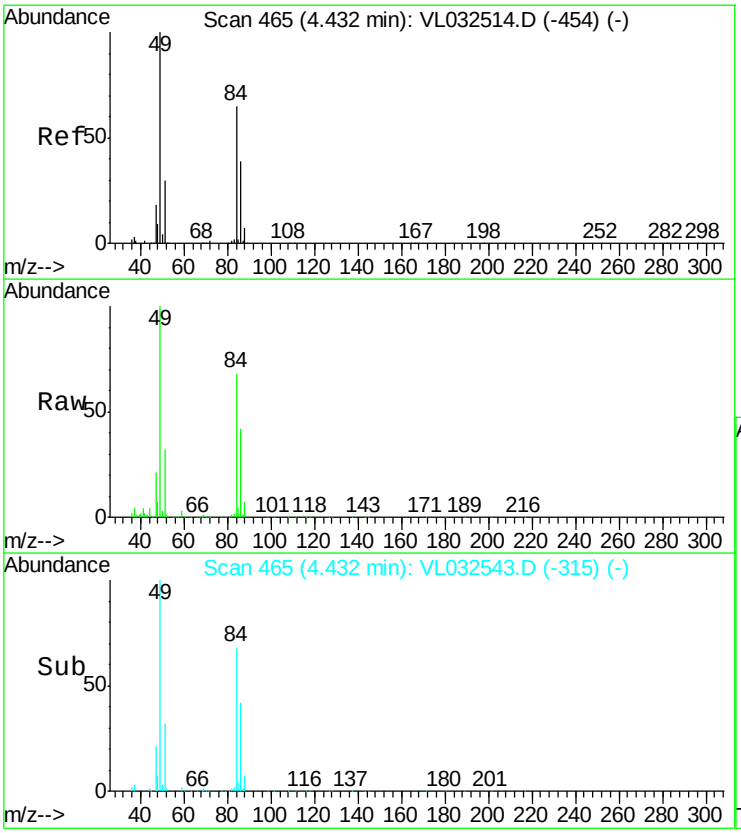
#18
1,1-Dichloroethene
Concen: 0.062 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.01 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL

Tgt Ion: 96 Resp: 3784

Ion	Ratio	Lower	Upper
96	100		
61	188.4	159.2	238.8
98	35.8	51.0	76.4#

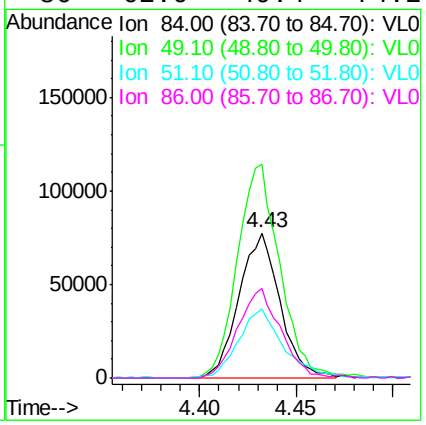


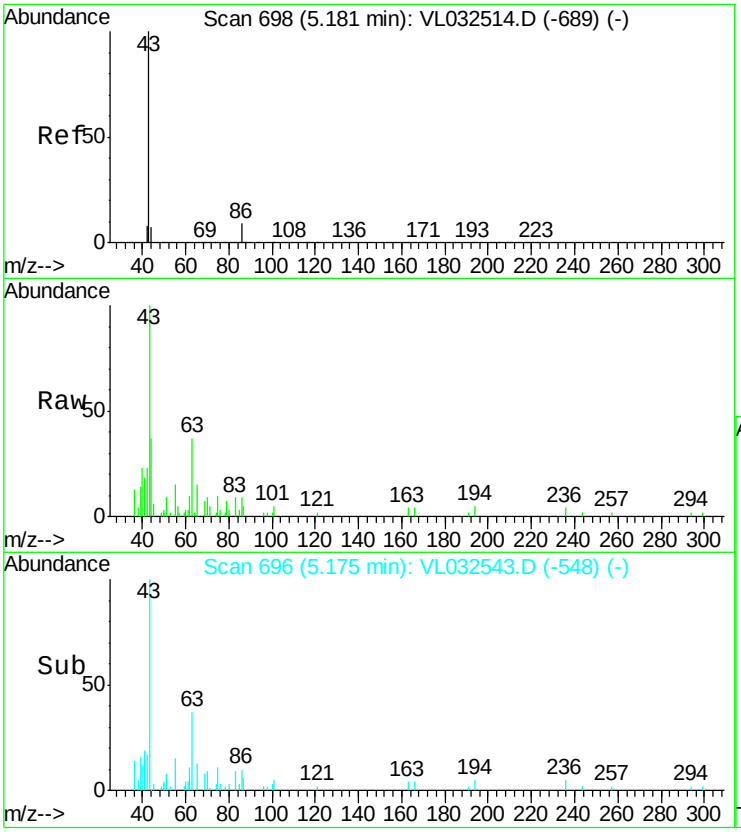


#20
Methylene Chloride
Concen: 1.855 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 84 Resp: 114374

Ion	Ratio	Lower	Upper
84	100		
49	147.1	119.1	178.7
51	47.8	35.2	52.8
86	62.0	49.4	74.2



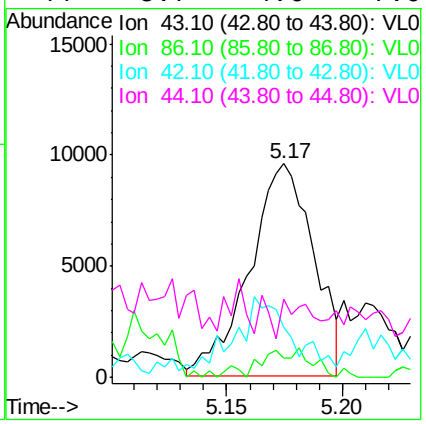


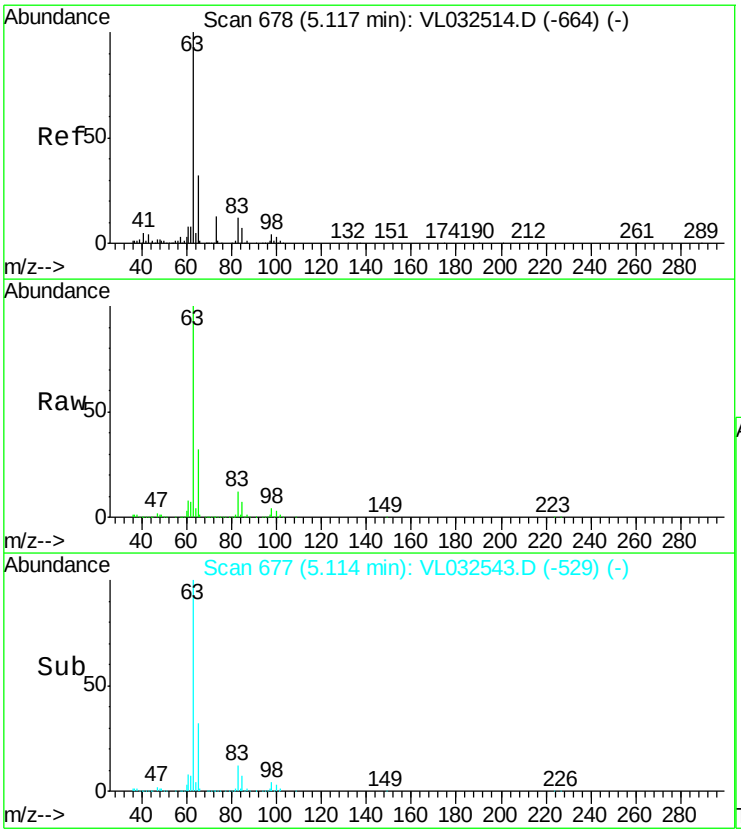
#23
Vinyl Acetate
Concen: 0.082 ppbv
RT: 5.17 min Scan# 696
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL

Tgt Ion: 43 Resp: 18389

Ion	Ratio	Lower	Upper
43	100		
86	15.0	5.9	8.9#
42	19.0	6.9	10.3#
44	5.7	4.6	7.0

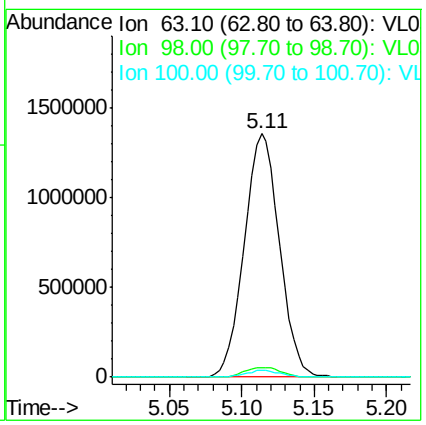


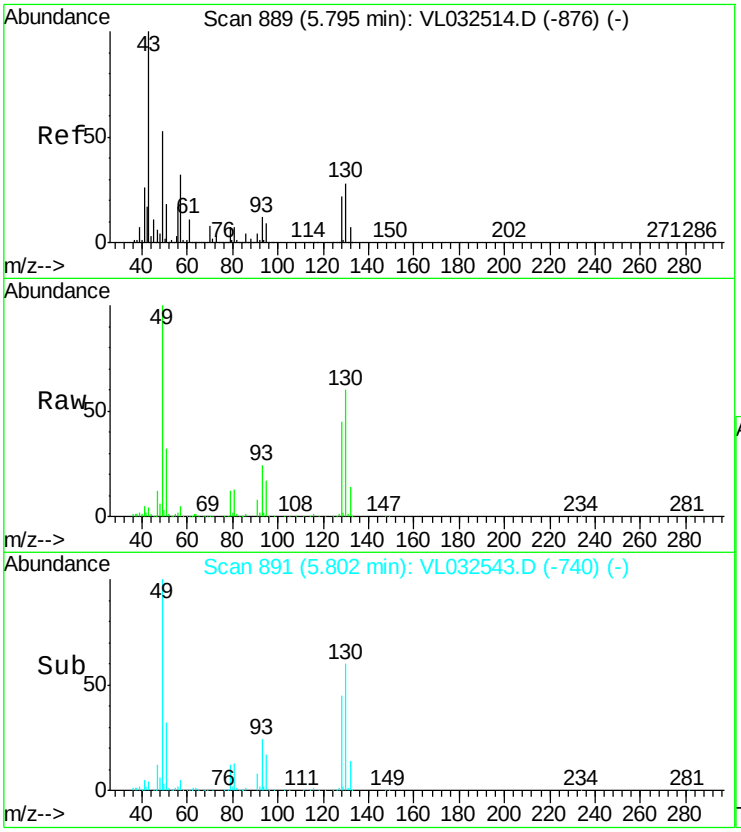


#24
1,1-Dichloroethane
Concen: 12.264 ppbv
RT: 5.11 min Scan# 677
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 63 Resp: 2297712

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.5
100	2.7	1.5	4.4



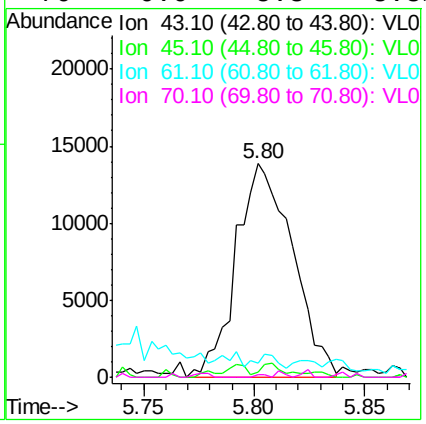


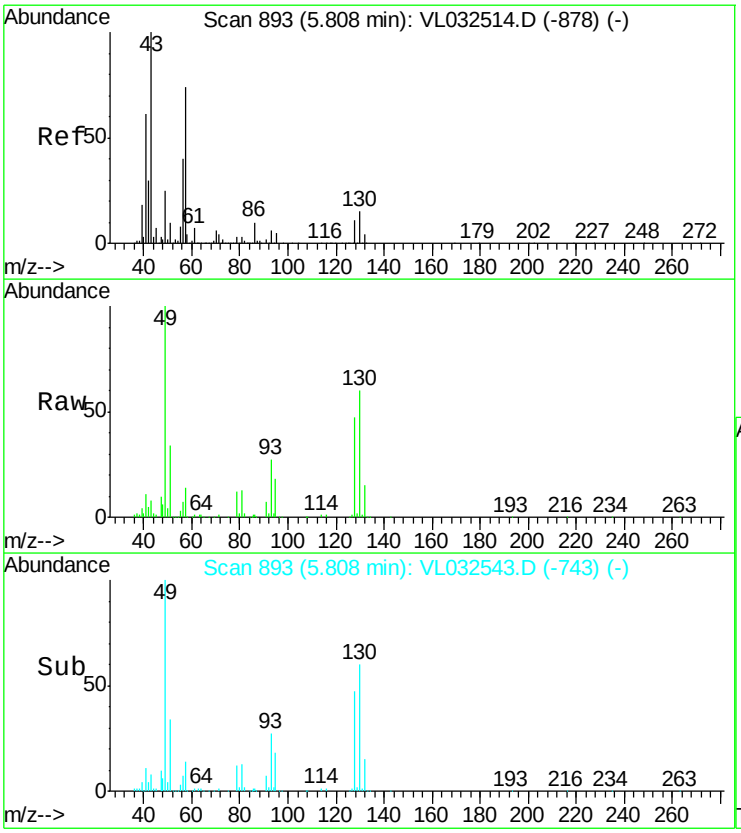
#25
Ethyl Acetate
Concen: 0.080 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL

Tgt Ion: 43 Resp: 24655

Ion	Ratio	Lower	Upper
43	100		
45	7.1	8.0	12.0#
61	0.0	7.6	11.4#
70	0.0	5.8	8.8#

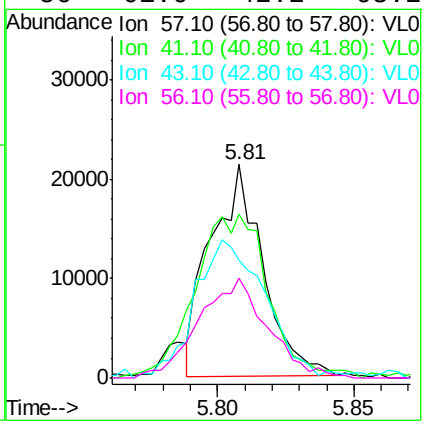


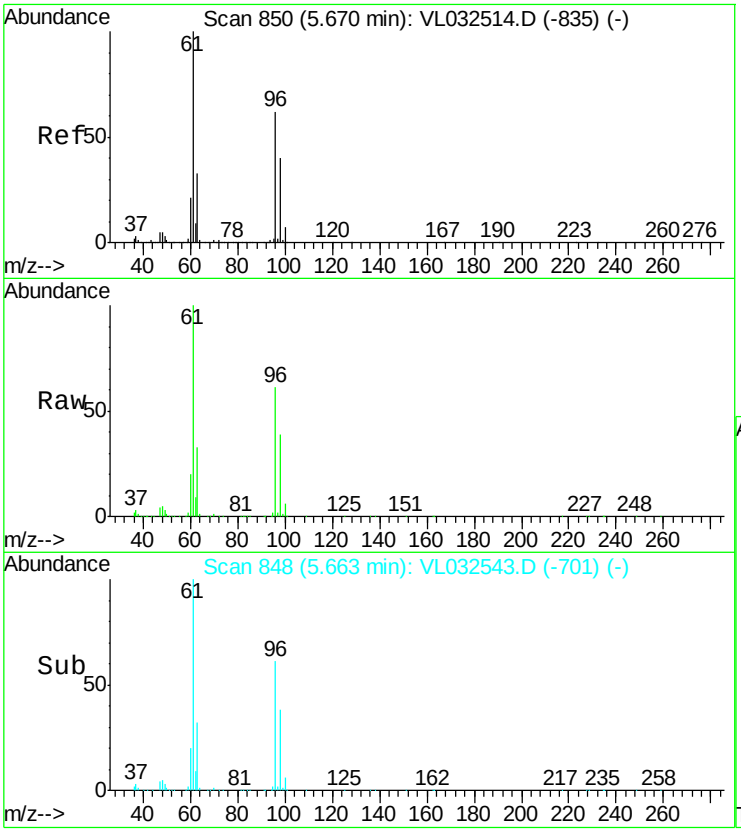


#26
Hexane
Concen: 0.206 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 57 Resp: 28681

Ion	Ratio	Lower	Upper
57	100		
41	108.4	69.0	103.4#
43	91.1	172.1	258.1#
56	61.0	42.2	63.2



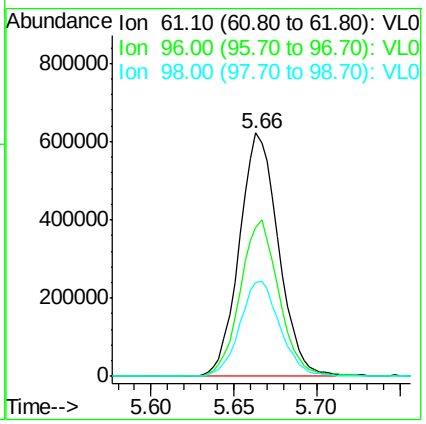


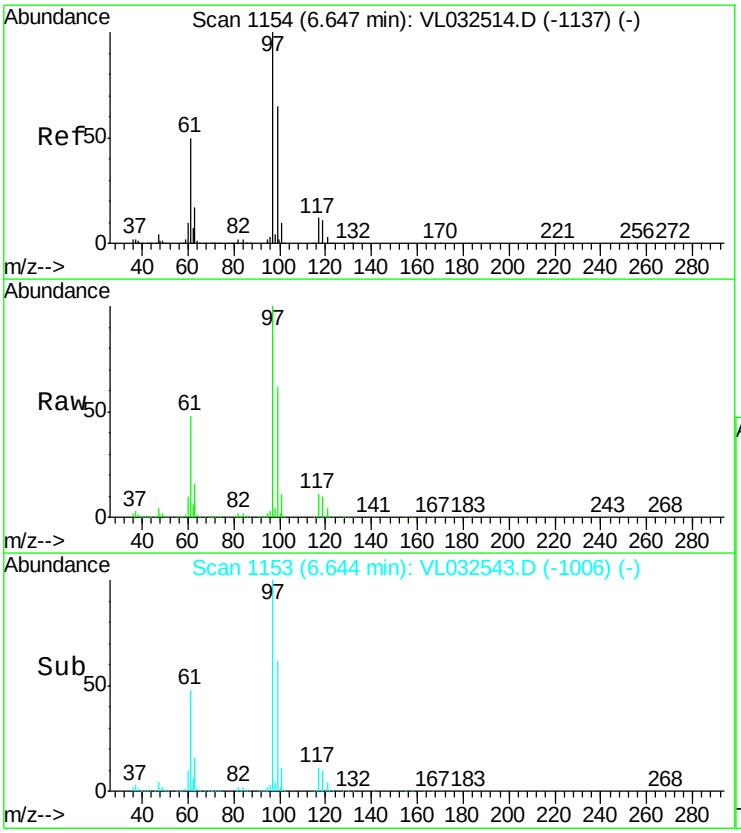
#31
cis-1,2-Dichloroethene
Concen: 7.668 ppbv
RT: 5.66 min Scan# 848
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion: 61 Resp: 1019096

Ion	Ratio	Lower	Upper
61	100		
96	61.3	49.2	73.8
98	38.5	30.7	46.1

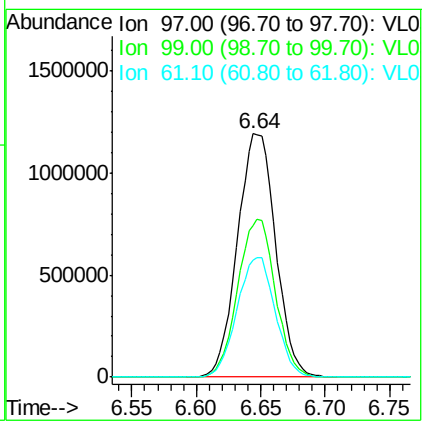


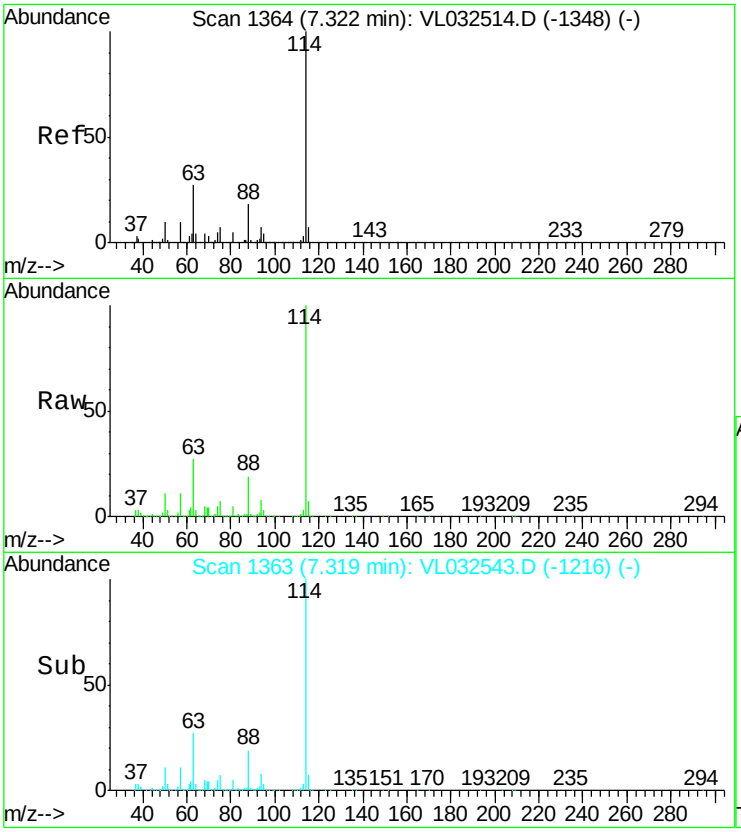


#32
1,1,1-Trichloroethane
Concen: 10.783 ppbv
RT: 6.64 min Scan# 1153
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 97 Resp: 2460470

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.1	78.1
61	49.2	42.5	63.7



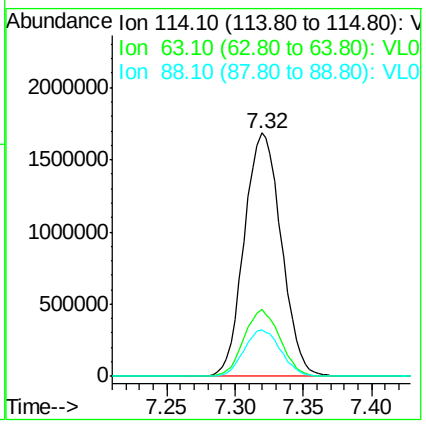


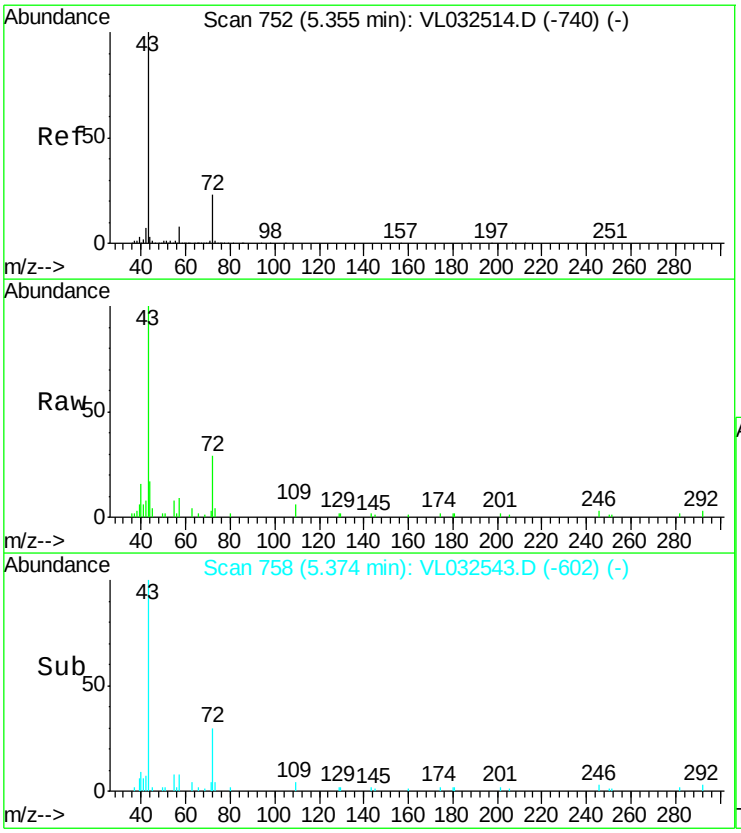
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion:114 Resp: 3176199

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.2	33.4
88	18.9	15.0	22.4

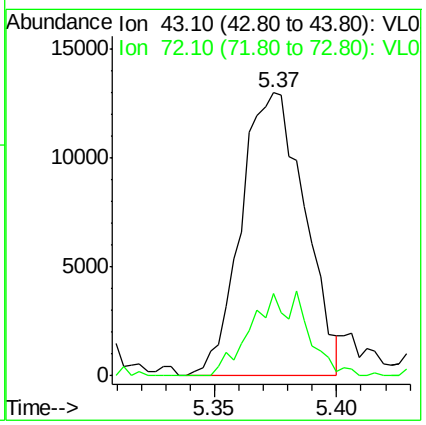


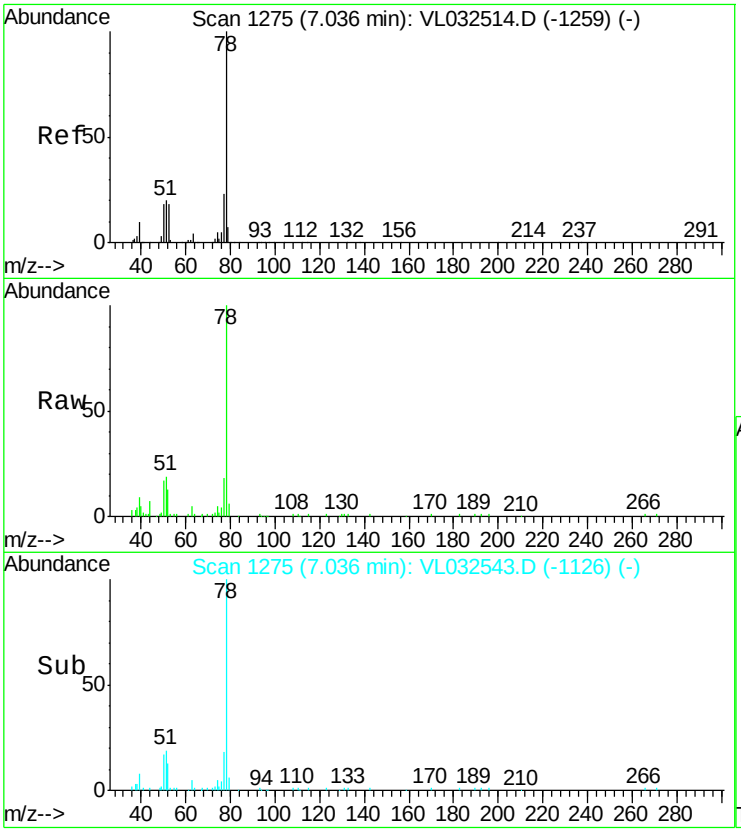


#34
2-Butanone
Concen: 0.124 ppbv
RT: 5.37 min Scan# 758
Delta R.T. 0.00 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 43 Resp: 23468

Ion	Ratio	Lower	Upper
43	100		
72	26.1	17.8	26.6



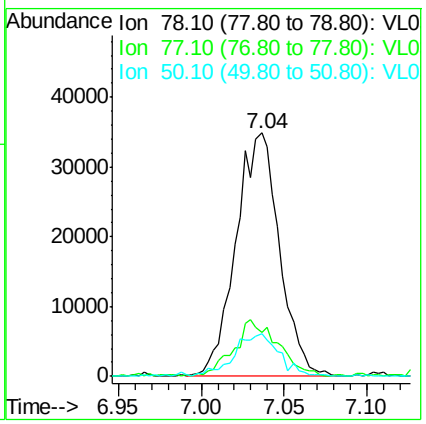


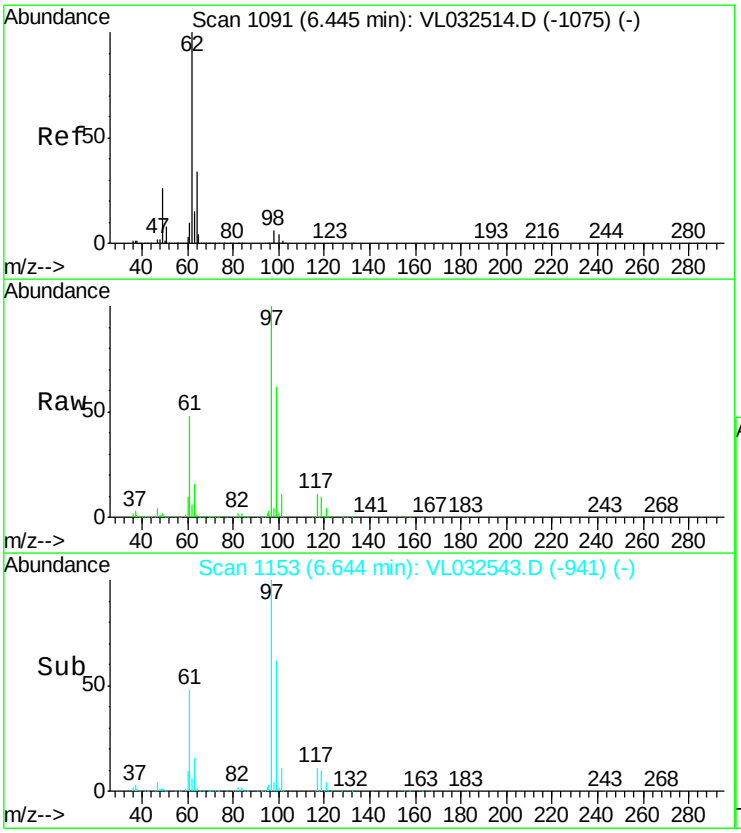
#36
Benzene
Concen: 0.248 ppbv
RT: 7.04 min Scan# 1275
Delta R.T. -0.02 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL

Tgt Ion: 78 Resp: 63656

Ion	Ratio	Lower	Upper
78	100		
77	17.4	18.4	27.6#
50	17.5	14.4	21.6

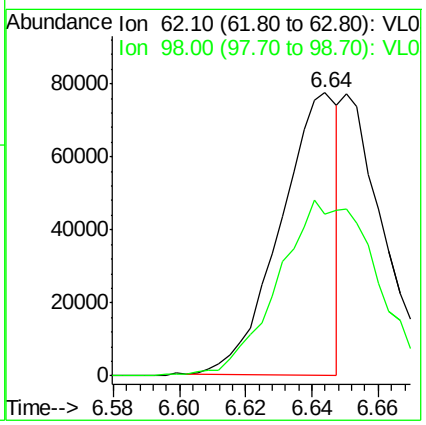


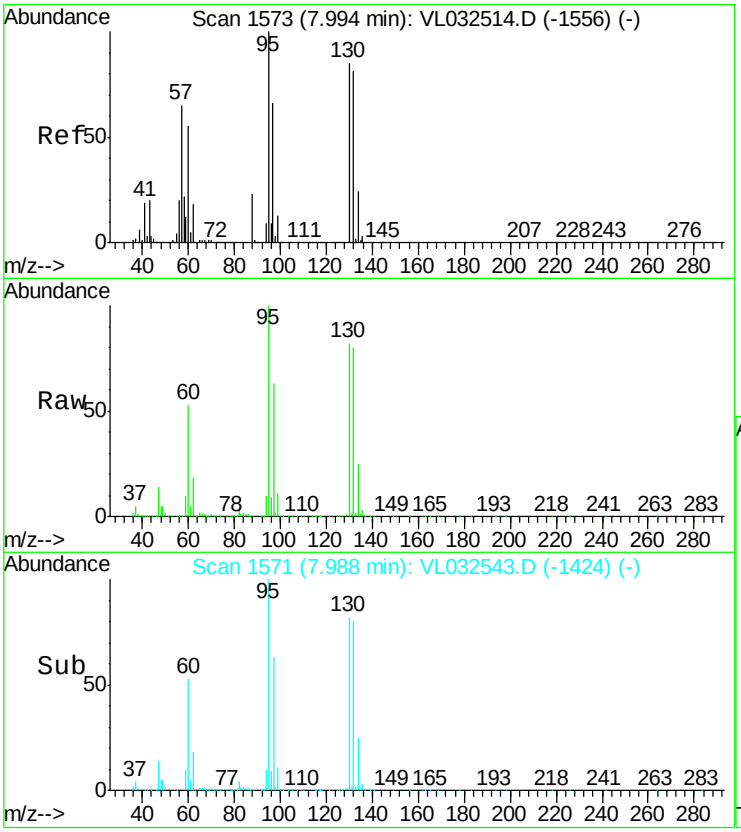


#37
1,2-Dichloroethane
Concen: 0.601 ppbv
RT: 6.64 min Scan# 1153
Delta R.T. 0.18 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 62 Resp: 93038

Ion	Ratio	Lower	Upper
62	100		
98	107.3	5.0	7.6#



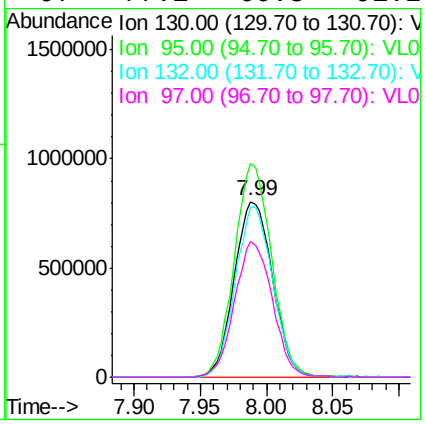


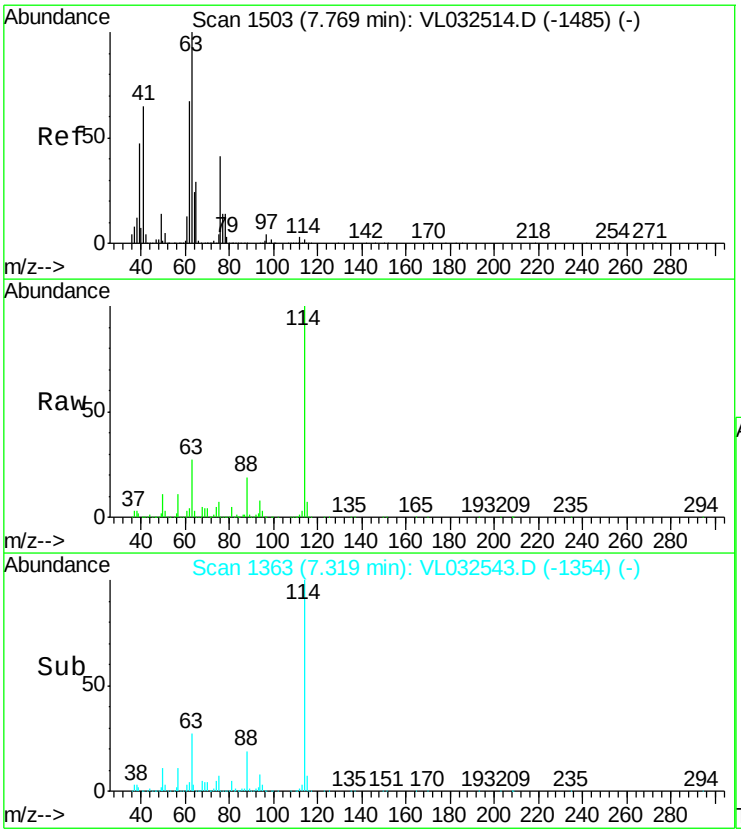
#38
Trichloroethene
Concen: 16.471 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL

Tgt Ion:130 Resp: 1618296

Ion	Ratio	Lower	Upper
130	100		
95	121.7	94.2	141.4
132	97.1	76.2	114.4
97	77.1	60.8	91.2

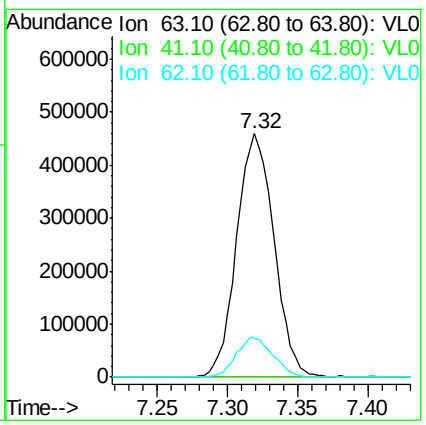


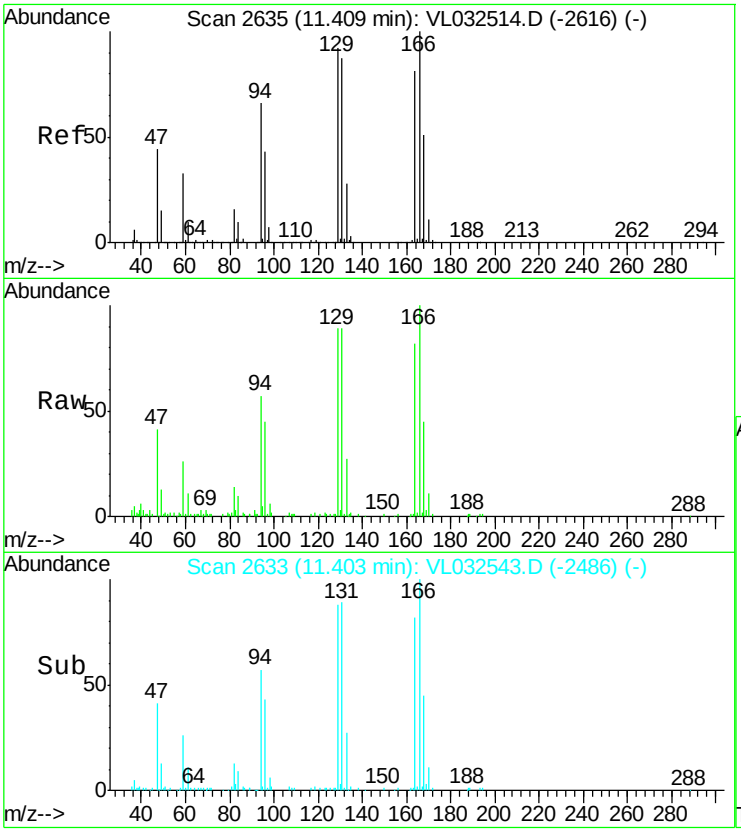


#39
1,2-Dichloropropane
Concen: 7.386 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 63 Resp: 854403

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.4	83.0#
62	16.0	55.4	83.0#



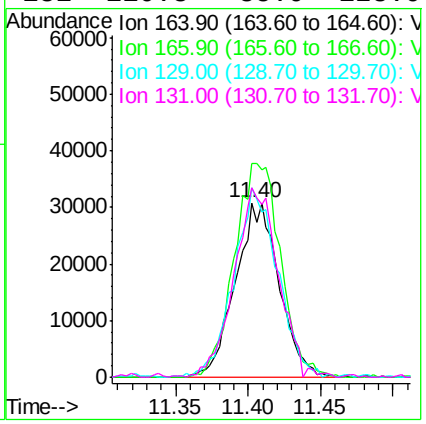


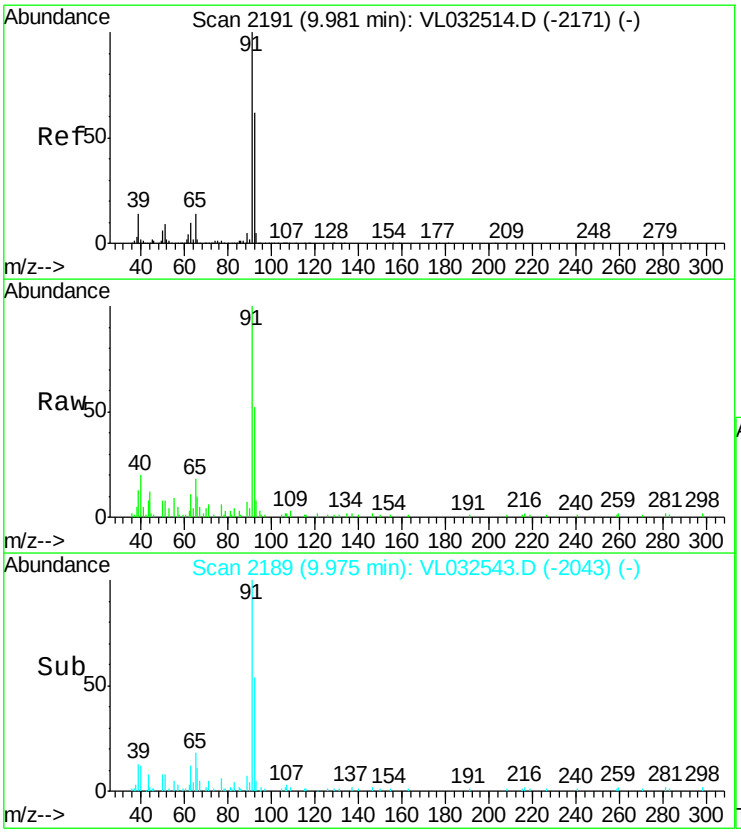
#52
Tetrachloroethene
Concen: 0.724 ppbv
RT: 11.40 min Scan# 2633
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL

Tgt Ion:164 Resp: 64674

Ion	Ratio	Lower	Upper
164	100		
166	122.5	100.6	150.8
129	108.6	89.9	134.9
131	110.3	85.9	128.9

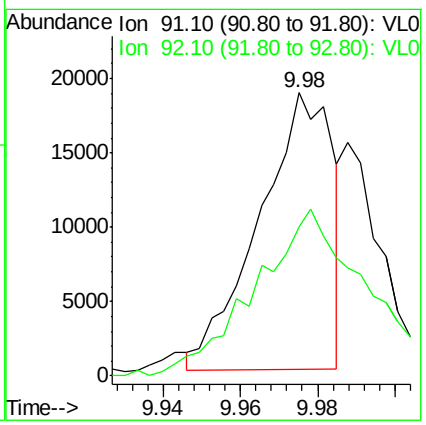


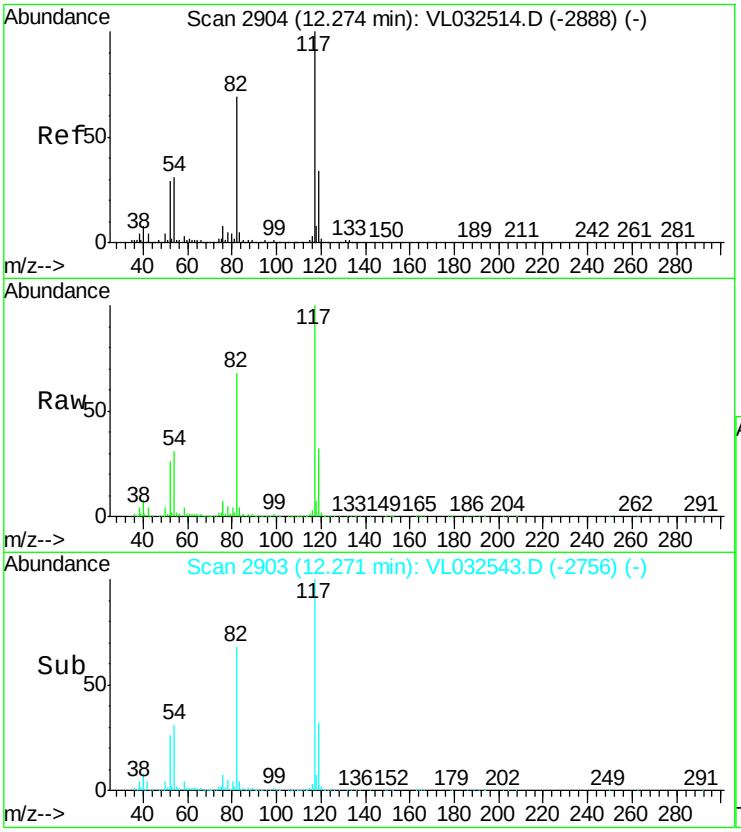


#53
Toluene
Concen: 0.079 ppbv
RT: 9.98 min Scan# 2189
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 91 Resp: 24606

Ion	Ratio	Lower	Upper
91	100		
92	91.1	48.1	72.1#



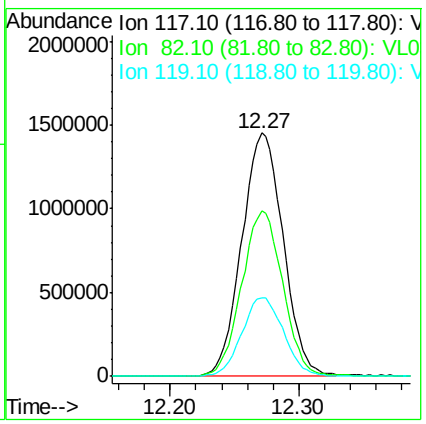


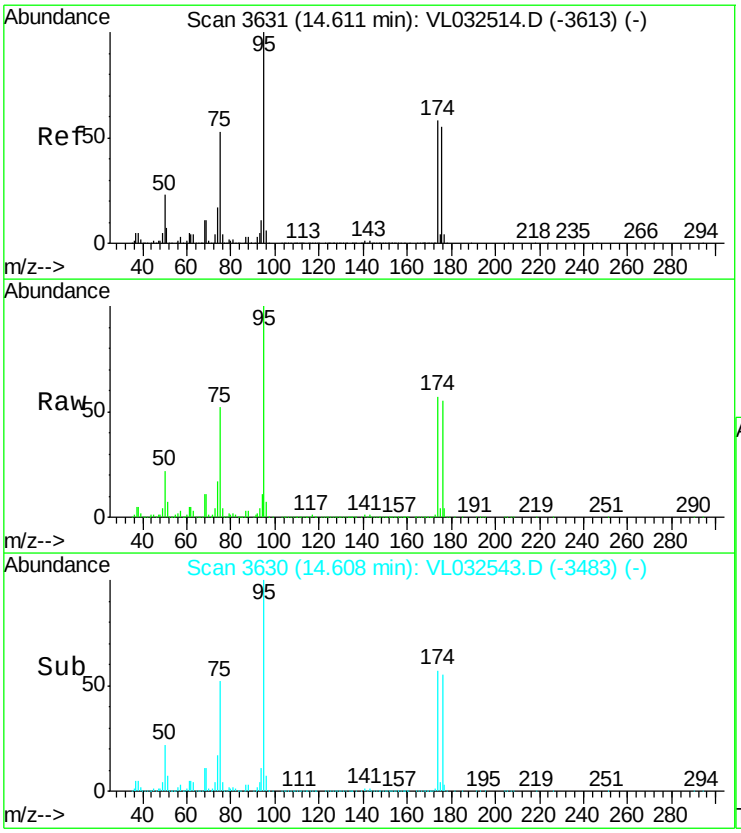
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL

Tgt Ion:117 Resp: 3253702

Ion	Ratio	Lower	Upper
117	100		
82	67.6	53.0	79.6
119	33.0	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.301 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032543.D
Acq: 25 Sep 2018 13:34

Tgt Ion: 95 Resp: 2527526

Ion	Ratio	Lower	Upper
95	100		
174	57.4	46.3	69.5
175	4.2	3.4	5.0