Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\

Quantitation Report (Not Reviewed)

Data File : VL032561.D
Acq On : 27 Sep 2018 22:44
Operator : SY/AP
Sample : J5034-07DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL2

Quant Time: Sep 28 02:10:36 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	1313460	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	2866631	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3065557	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2148911	9.30	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.00%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.03	51	6476	0.059	ppbv	#	89
4) Chloromethane	3.19	50	5439	0.085	ppbv	#	83
5) Vinyl Chloride	3.31	62	3140	0.049	ppbv	#	75
7) Chloroethane	3.62	64	6598	0.288	ppbv		100
9) Propene	3.05	41	1588	0.034	ppbv	#	1
11) Trichlorofluoromethane	4.02	101	5529	0.038	ppbv		85
12) 1,1,2-Trichlorotrifluoroet	4.58	101	62718	0.531	ppbv		98
15) Acetone	3.94	43	55437	0.481	ppbv		100
20) Methylene Chloride	4.43	84	20872	0.374	ppbv	#	75
24) 1,1-Dichloroethane	5.11	63	555860	3.276	ppbv		99
26) Hexane	5.81	57	6057	0.048	ppbv	#	37
30) Cyclohexane	7.30	84	4583	0.045	ppbv	#	1
31) cis-1,2-Dichloroethene	5.66	61	171832	1.428	ppbv		96
32) 1,1,1-Trichloroethane	6.65	97	655838	3.174	ppbv		99
36) Benzene	7.03	78	10218	0.044	ppbv		97
37) 1,2-Dichloroethane	6.64	62	46911	0.336	ppbv	#	1
38) Trichloroethene	7.99	130	341946	3.856	ppbv		99
39) 1,2-Dichloropropane	7.32	63	782821	7.498	ppbv	#	25

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

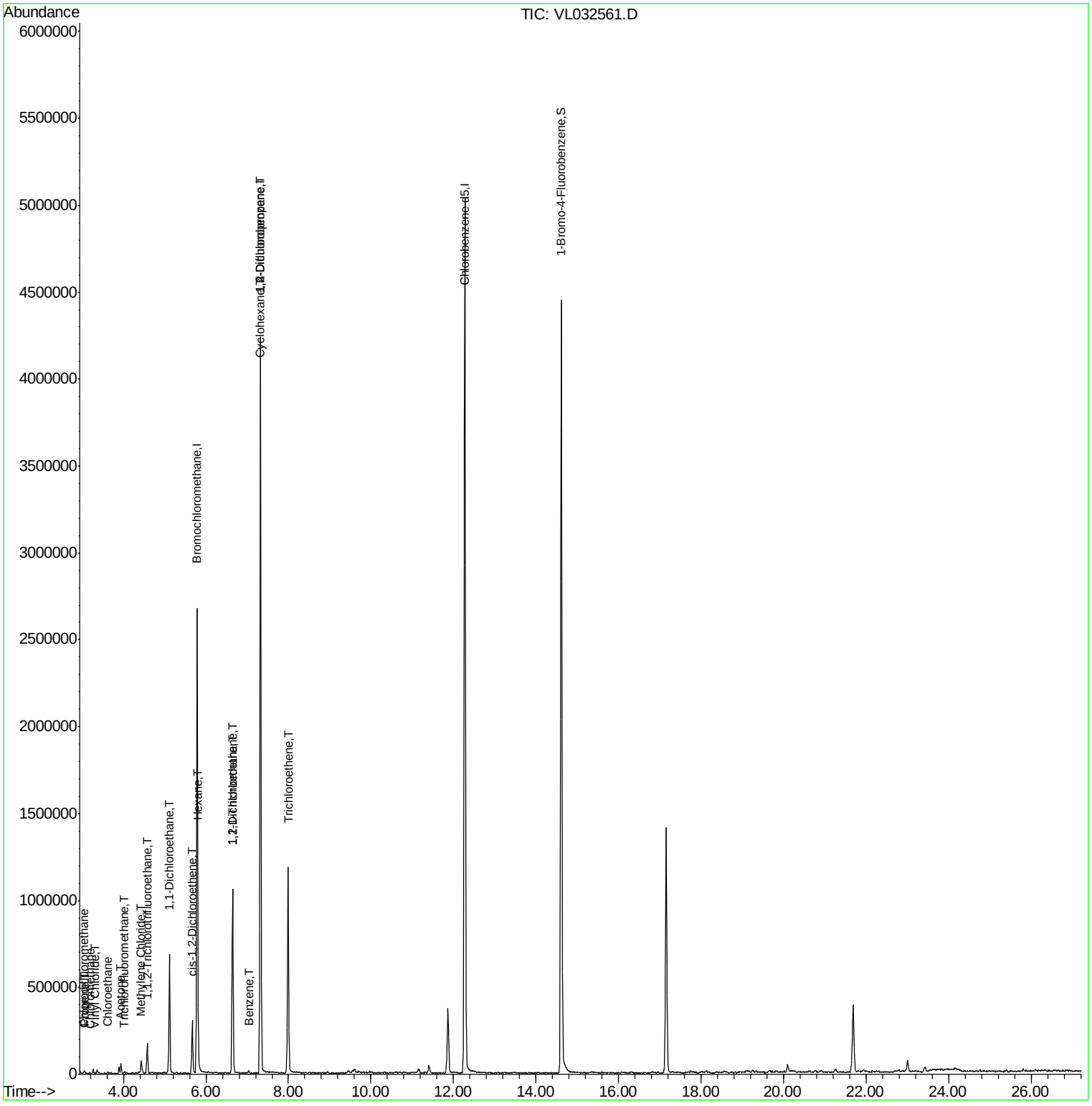
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\

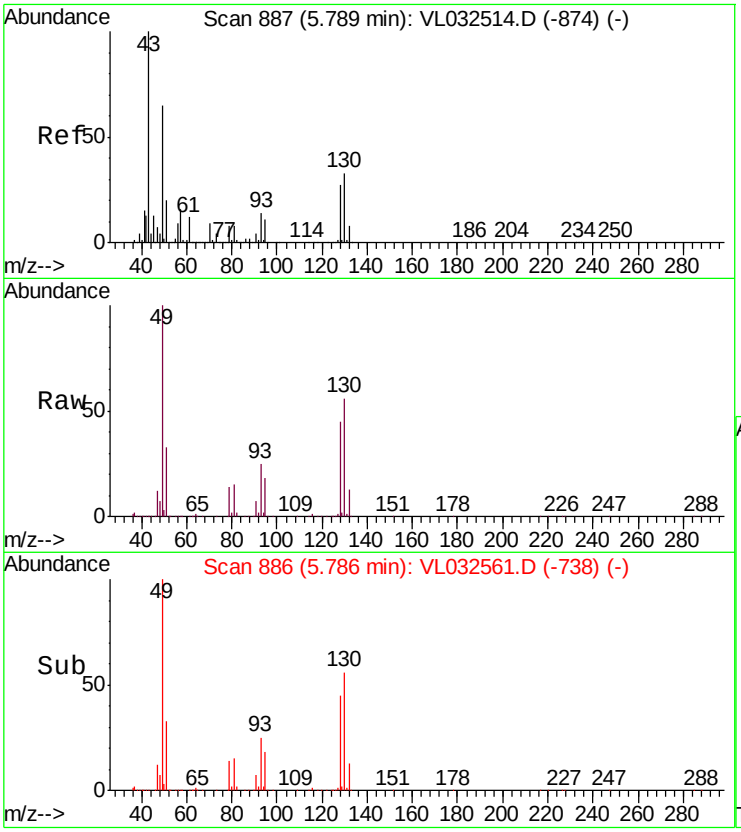
Quantitation Report (Not Reviewed)

Data File : VL032561.D
Acq On : 27 Sep 2018 22:44
Operator : SY/AP
Sample : J5034-07DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Quant Time: Sep 28 02:10:36 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



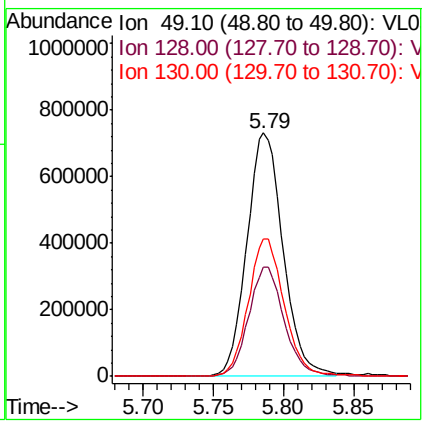


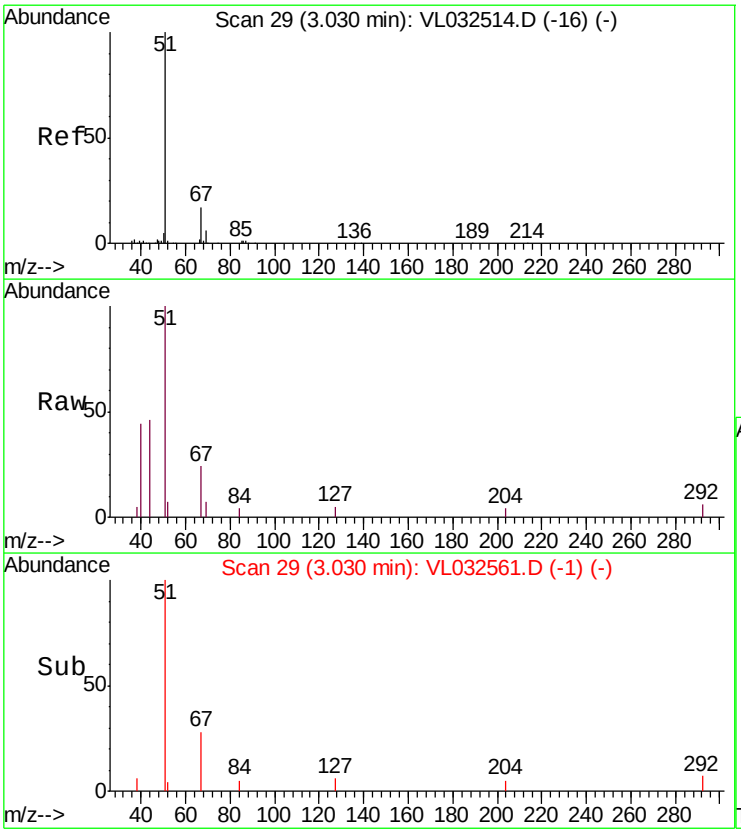
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion: 49 Resp: 1313460

Ion	Ratio	Lower	Upper
49	100		
128	44.5	20.7	62.1
130	56.7	26.6	79.7

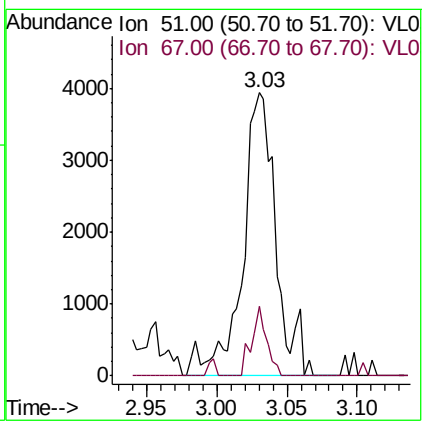


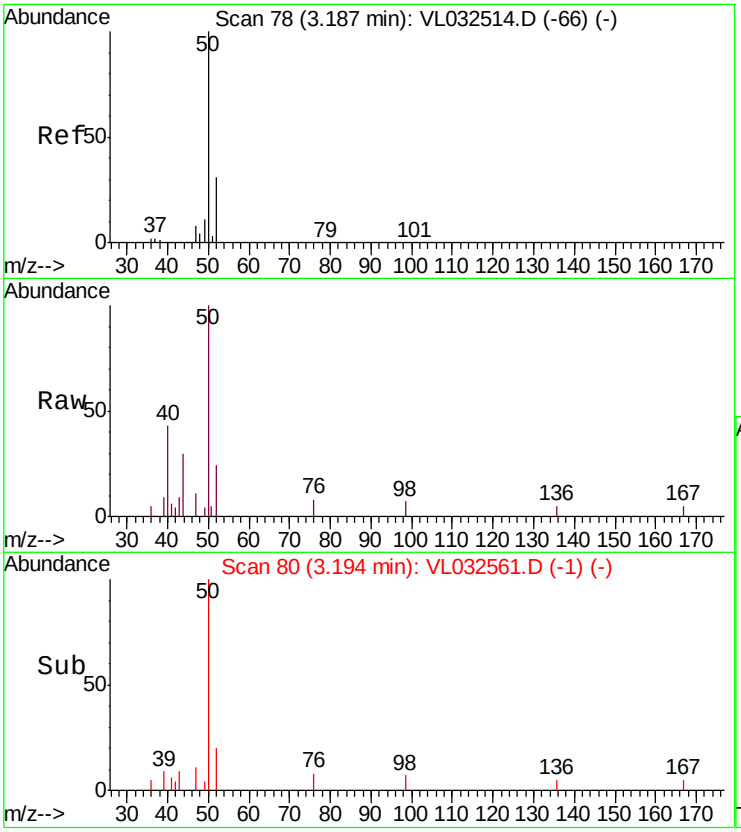


#3
Chlorodifluoromethane
Concen: 0.059 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 51 Resp: 6476

Ion	Ratio	Lower	Upper
51	100		
67	12.6	13.8	20.8#



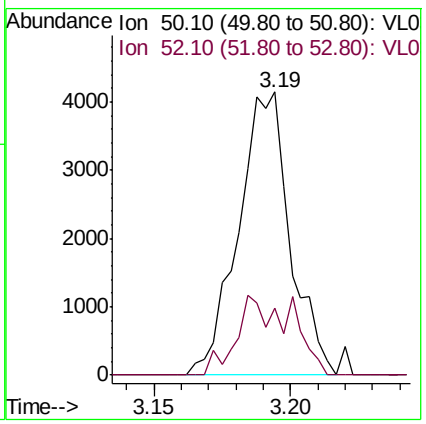


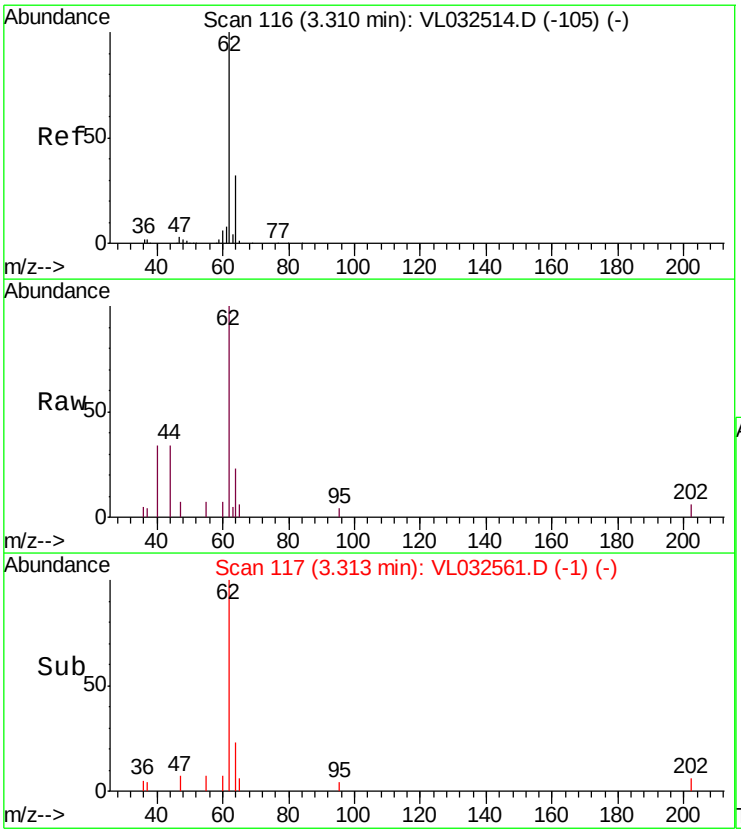
#4
Chloromethane
Concen: 0.085 ppbv
RT: 3.19 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion: 50 Resp: 5439

Ion	Ratio	Lower	Upper
50	100		
52	22.7	25.6	38.4#

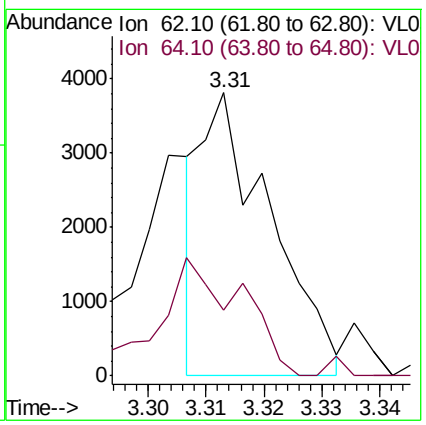


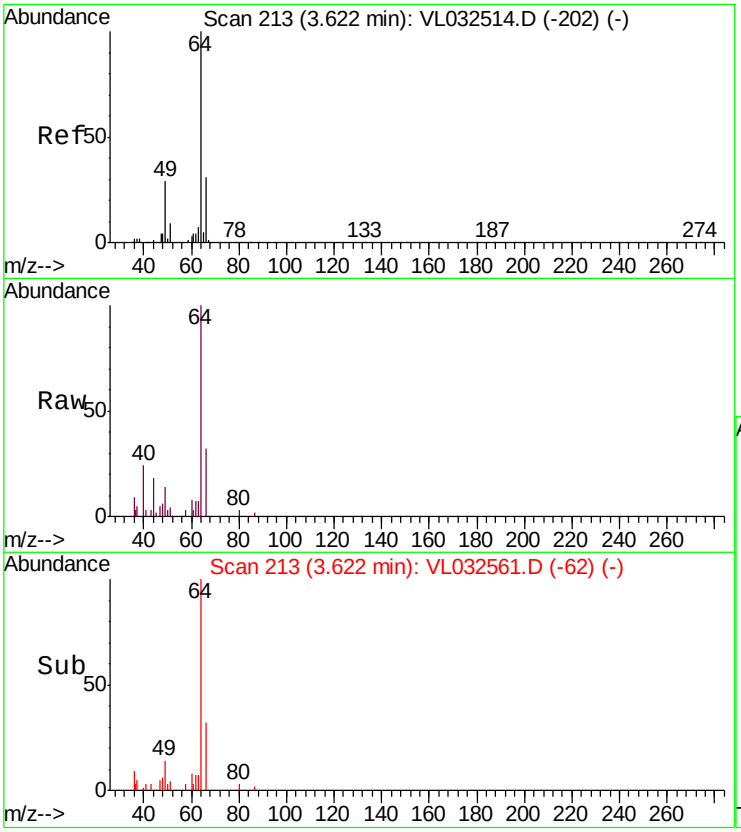


#5
Vinyl Chloride
Concen: 0.049 ppbv
RT: 3.31 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 62 Resp: 3140

Ion	Ratio	Lower	Upper
62	100		
64	17.6	25.0	37.6#



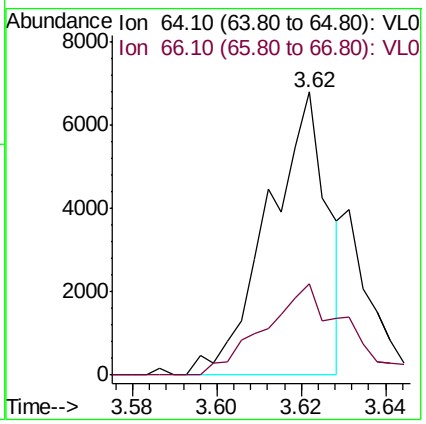


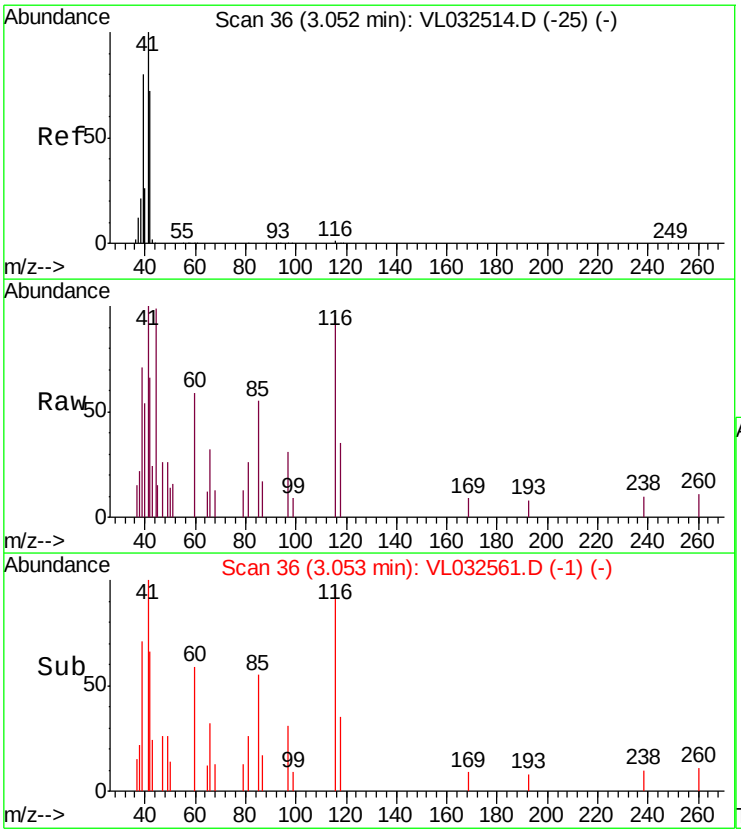
#7
Chloroethane
Concen: 0.288 ppbv
RT: 3.62 min Scan# 213
Delta R.T. -0.01 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion: 64 Resp: 6598

Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.8	38.6

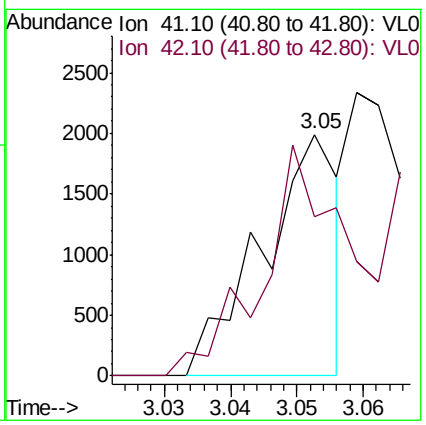


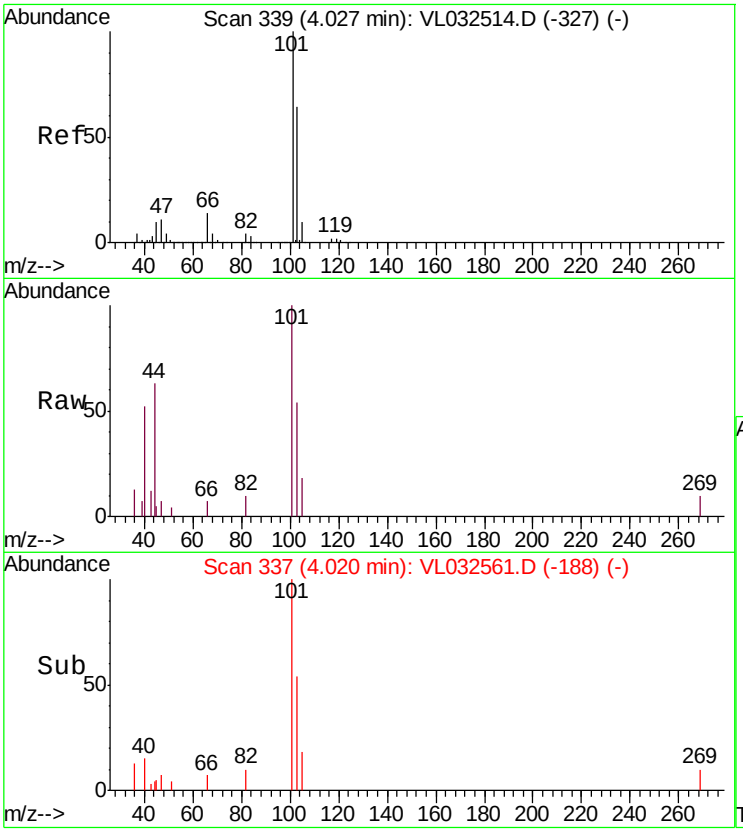


#9
Propene
Concen: 0.034 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 41 Resp: 1588

Ion	Ratio	Lower	Upper
41	100		
42	158.9	56.6	84.8#



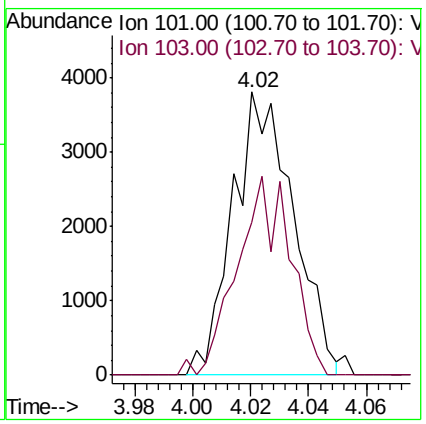


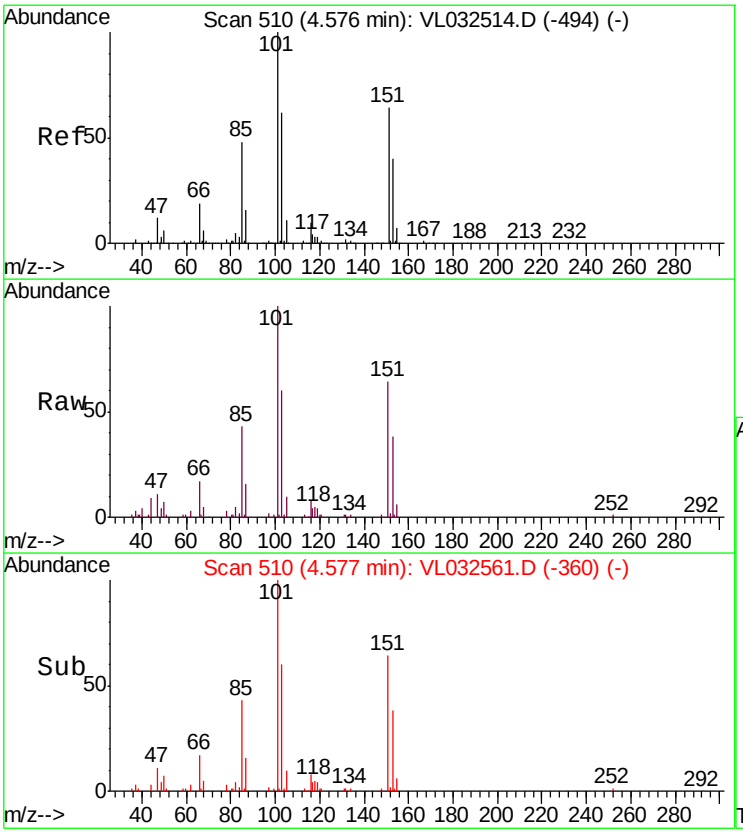
#11
Trichlorofluoromethane
Concen: 0.038 ppbv
RT: 4.02 min Scan# 337
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion:101 Resp: 5529

Ion	Ratio	Lower	Upper
101	100		
103	54.0	52.8	79.2

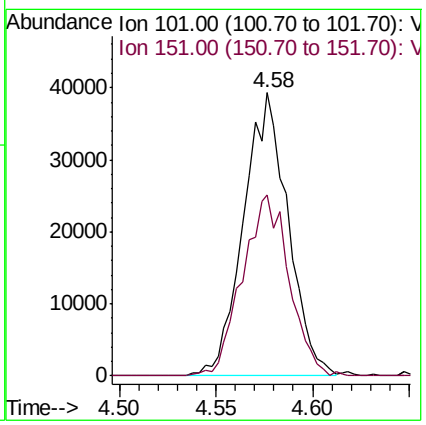


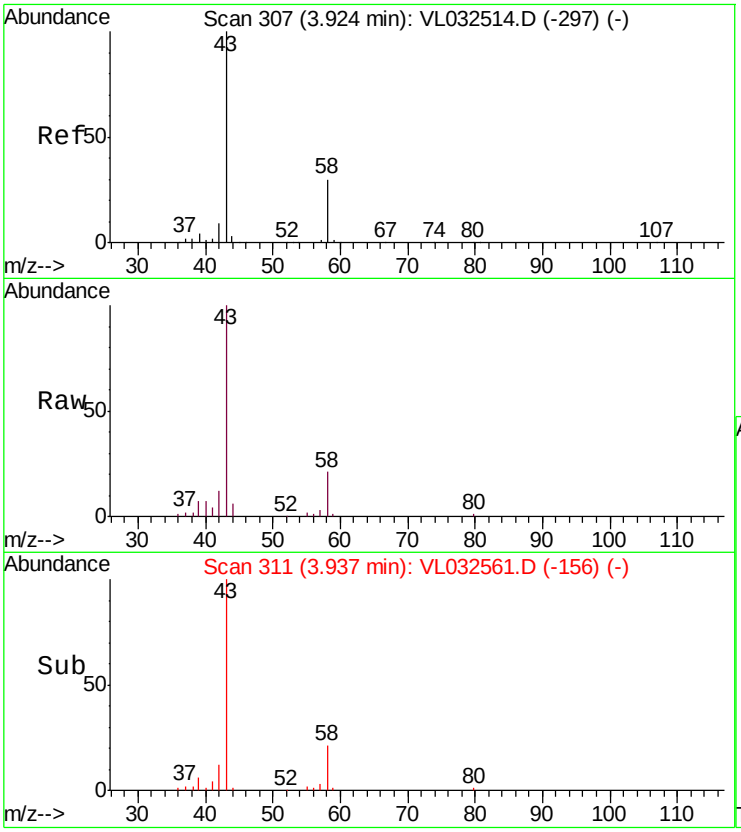


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.531 ppbv
RT: 4.58 min Scan# 510
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion:101 Resp: 62718

Ion	Ratio	Lower	Upper
101	100		
151	67.0	52.6	78.8



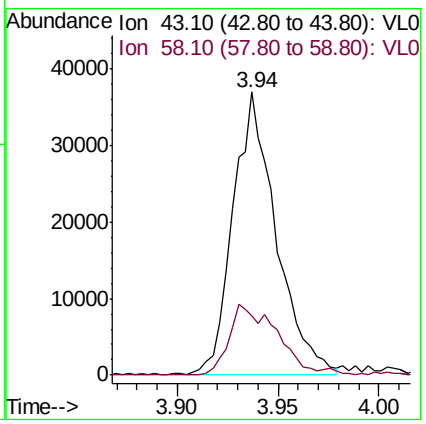


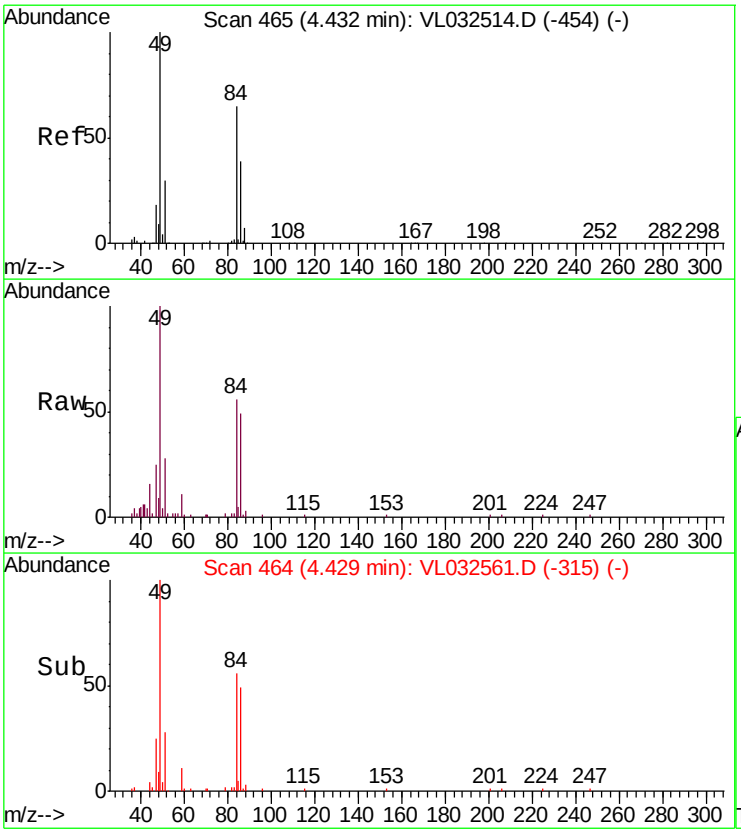
#15
Acetone
Concen: 0.481 ppbv
RT: 3.94 min Scan# 311
Delta R.T. -0.00 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion: 43 Resp: 55437

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.6	33.8

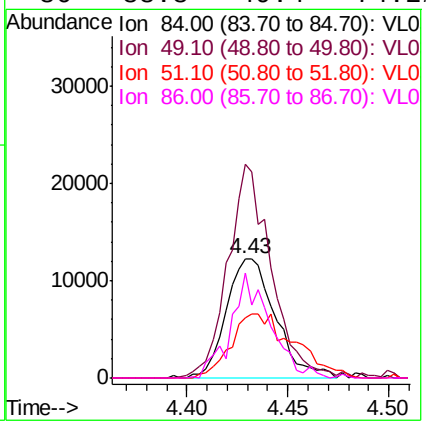


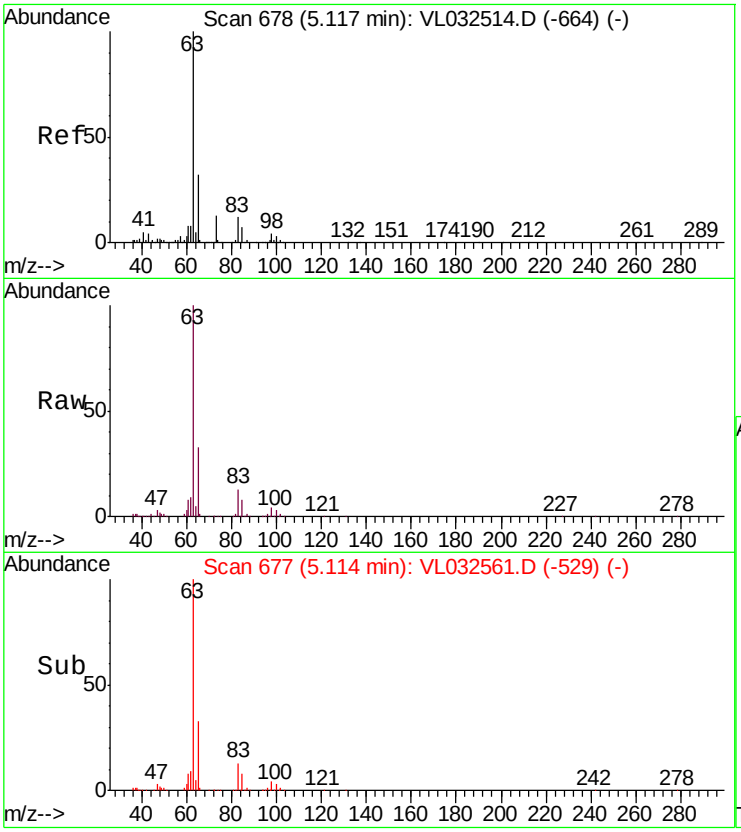


#20
Methylene Chloride
Concen: 0.374 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 84 Resp: 20872

Ion	Ratio	Lower	Upper
84	100		
49	179.5	119.1	178.7#
51	50.7	35.2	52.8
86	88.8	49.4	74.2#



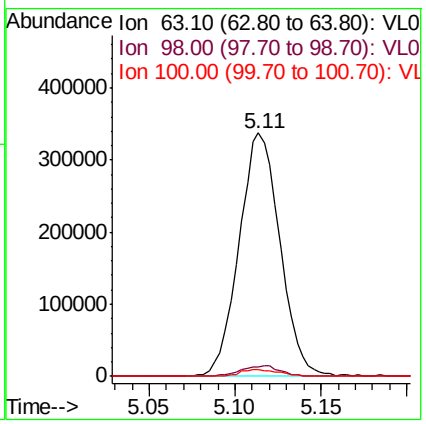


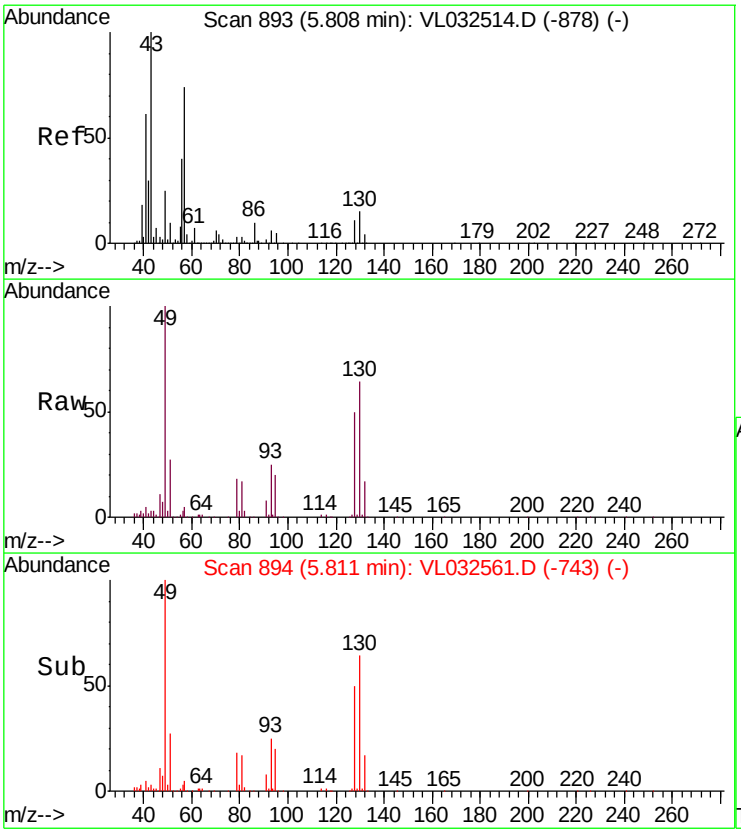
#24
1,1-Dichloroethane
Concen: 3.276 ppbv
RT: 5.11 min Scan# 677
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL2

Tgt Ion: 63 Resp: 555860

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.5
100	2.8	1.5	4.4

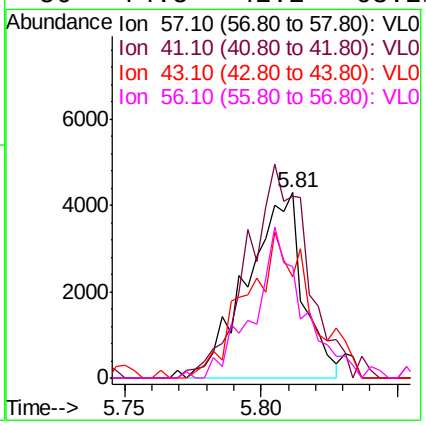


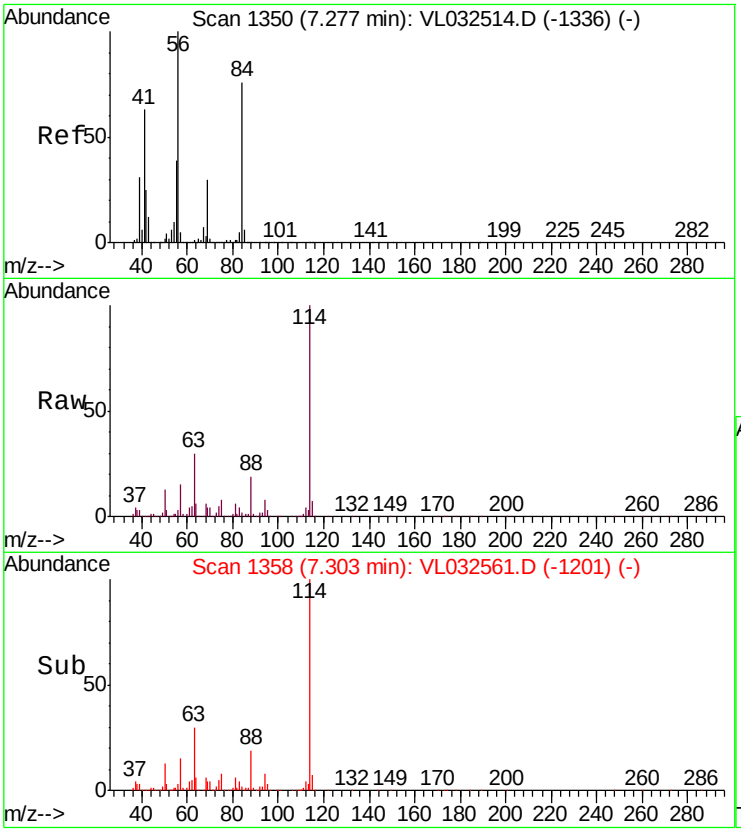


#26
Hexane
Concen: 0.048 ppbv
RT: 5.81 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 57 Resp: 6057

Ion	Ratio	Lower	Upper
57	100		
41	126.0	69.0	103.4#
43	91.3	172.1	258.1#
56	74.5	42.2	63.2#



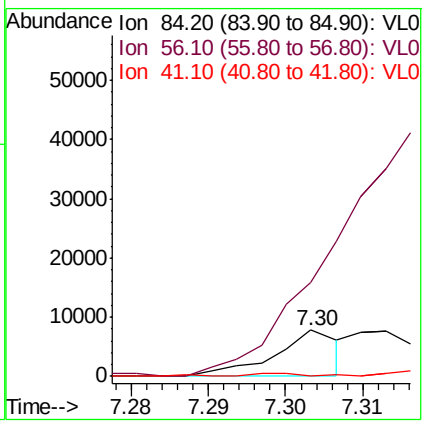


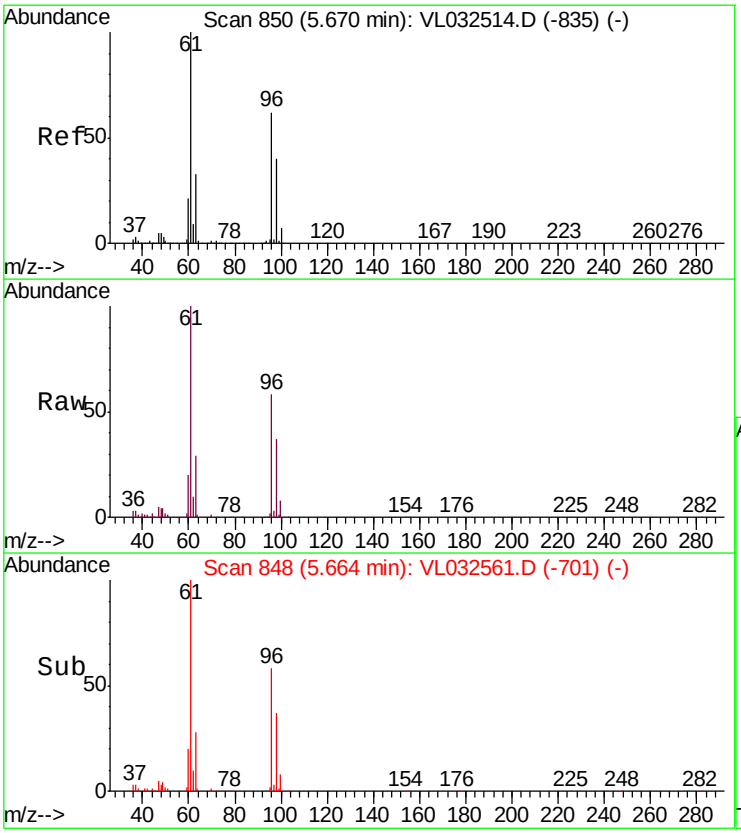
#30
Cyclohexane
Concen: 0.045 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion: 84 Resp: 4583

Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.5	170.3#
41	4.5	68.1	102.1#

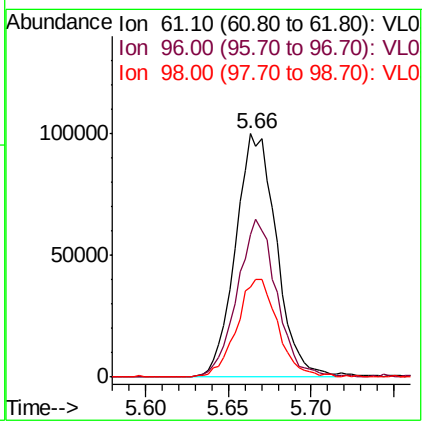


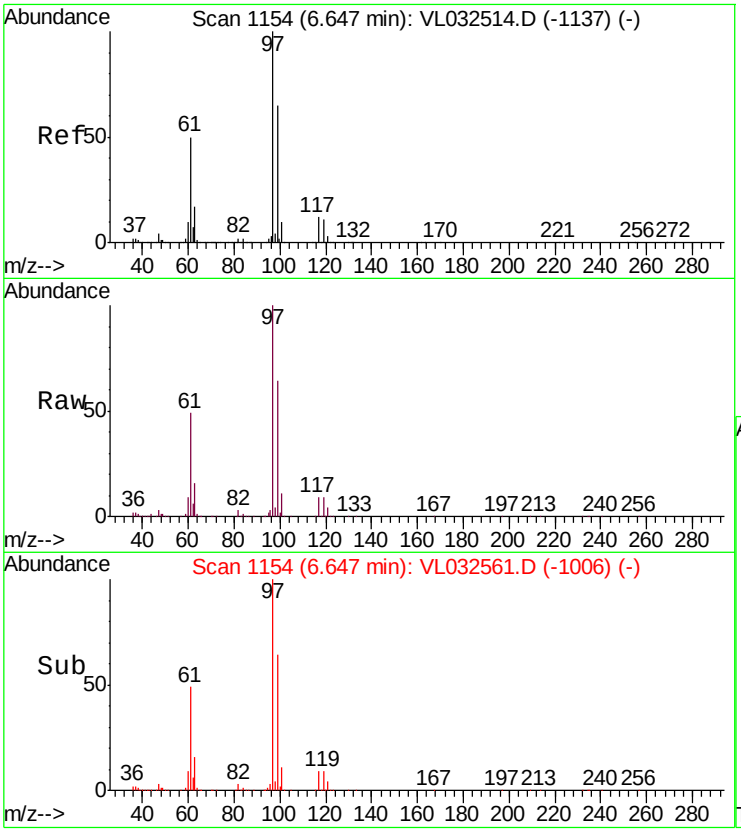


#31
cis-1,2-Dichloroethene
Concen: 1.428 ppbv
RT: 5.66 min Scan# 848
Delta R.T. -0.03 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 61 Resp: 171832

Ion	Ratio	Lower	Upper
61	100		
96	58.2	49.2	73.8
98	36.7	30.7	46.1



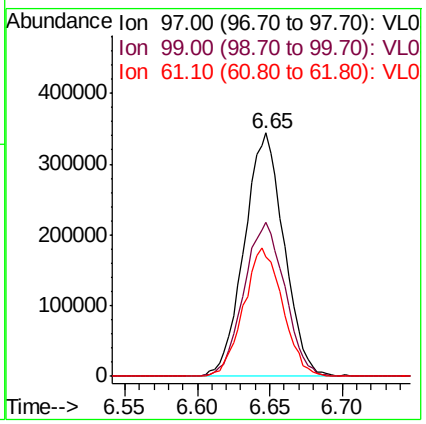


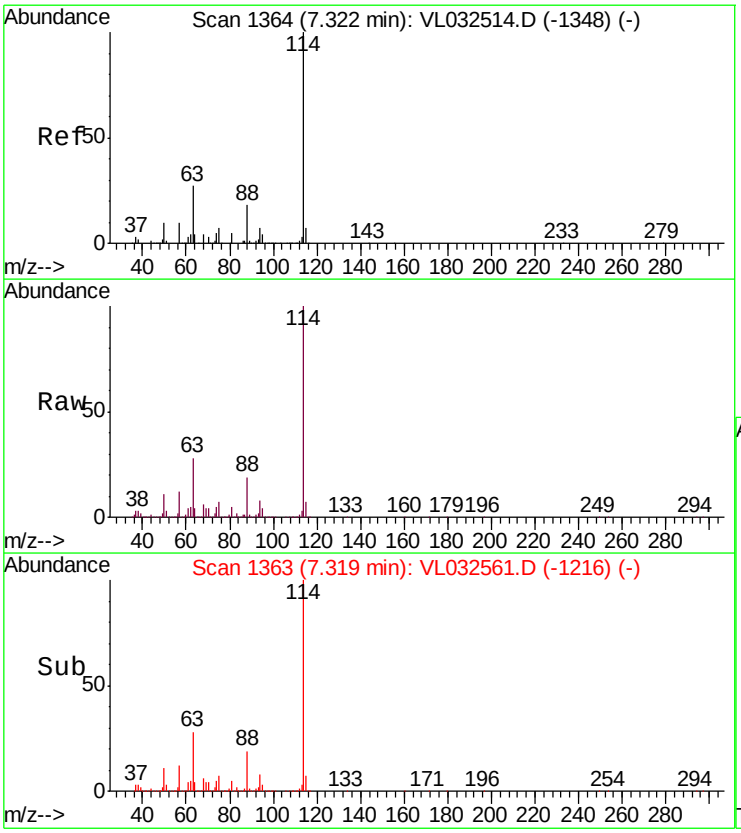
#32
1,1,1-Trichloroethane
Concen: 3.174 ppbv
RT: 6.65 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion: 97 Resp: 655838

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.1	78.1
61	51.9	42.5	63.7

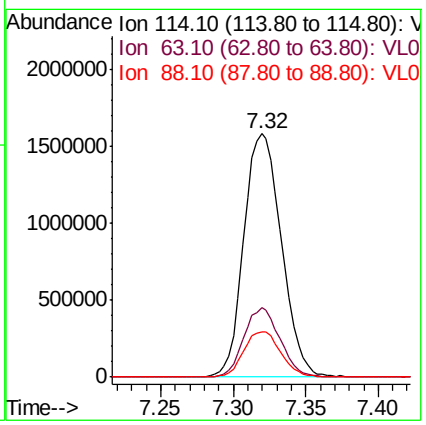


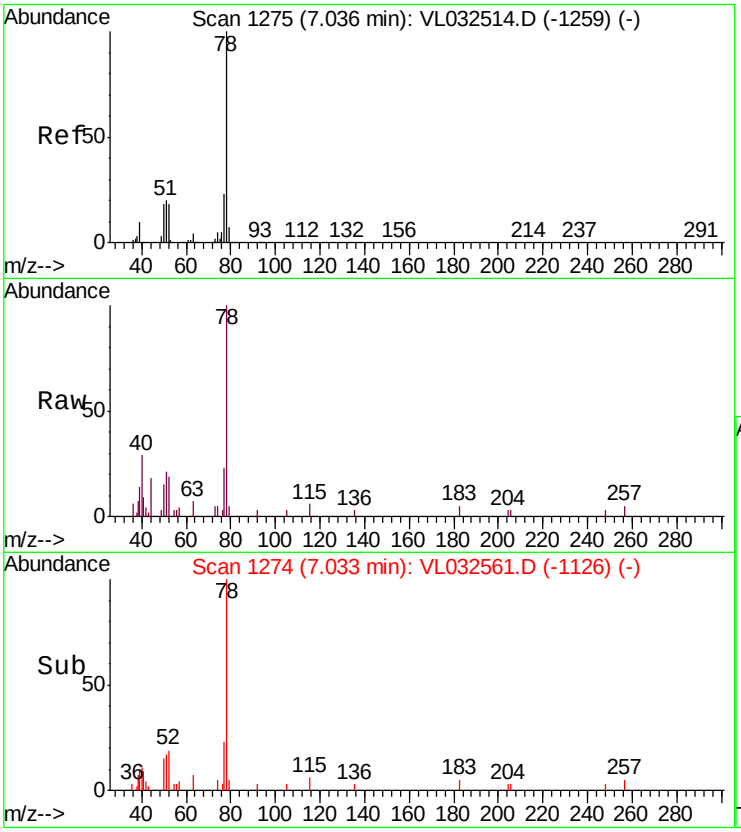


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion:114 Resp: 2866631

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	18.5	15.0	22.4



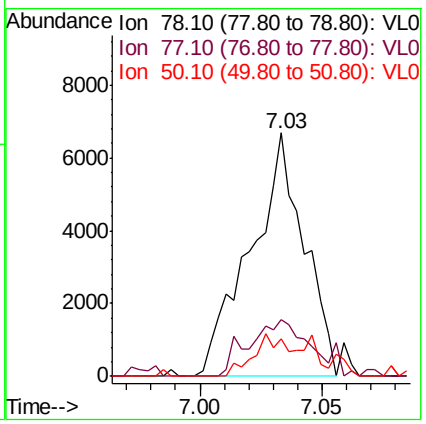


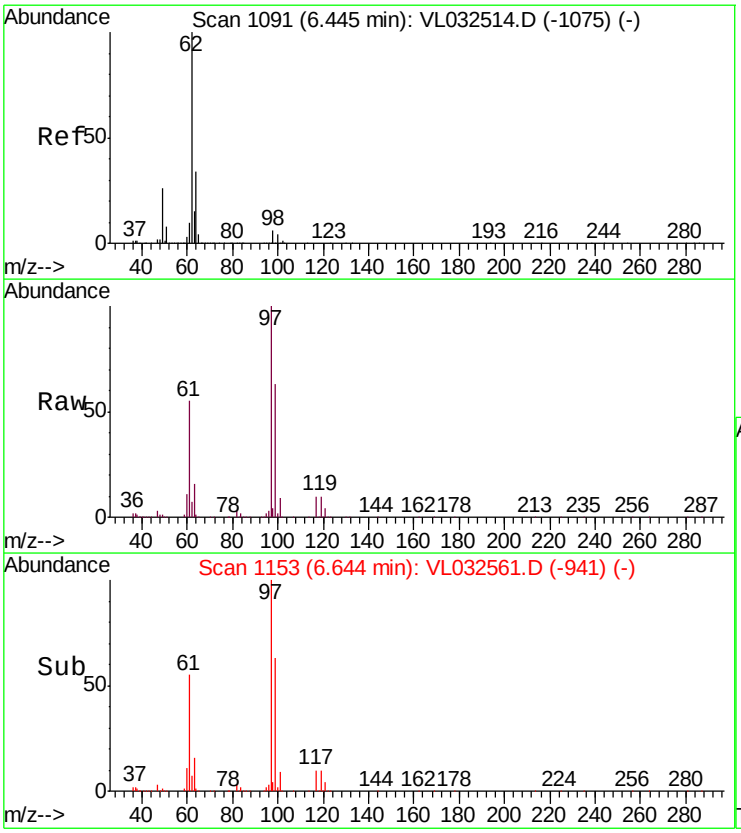
#36
Benzene
Concen: 0.044 ppbv
RT: 7.03 min Scan# 1274
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion: 78 Resp: 10218

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.4	27.6
50	15.4	14.4	21.6

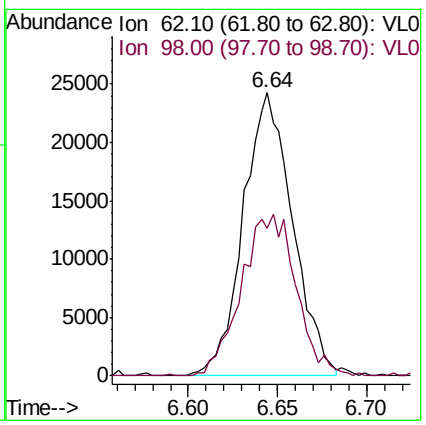


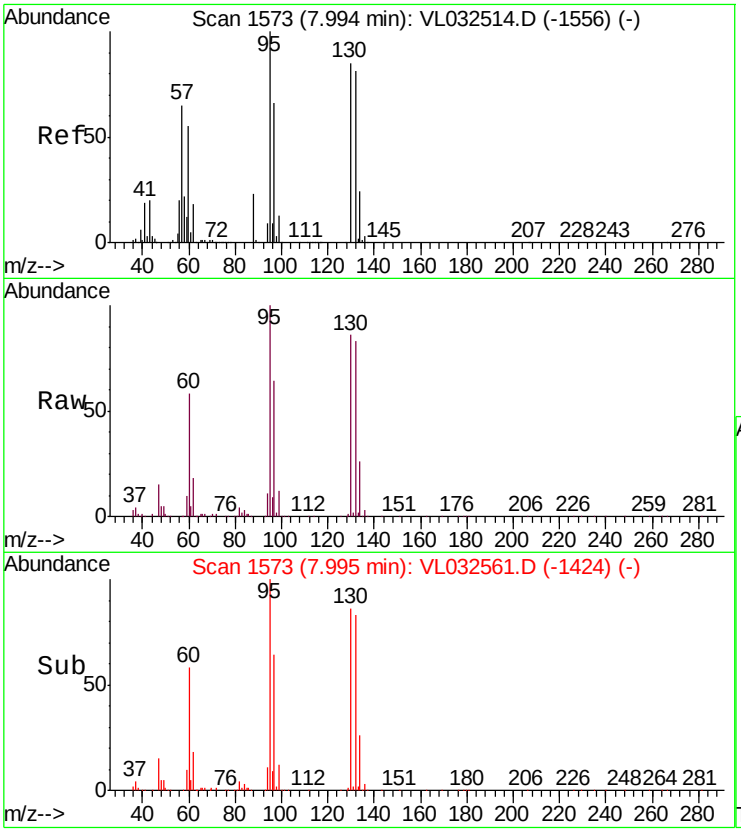


#37
1,2-Dichloroethane
Concen: 0.336 ppbv
RT: 6.64 min Scan# 1153
Delta R.T. 0.18 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 62 Resp: 46911

Ion	Ratio	Lower	Upper
62	100		
98	63.2	5.0	7.6#



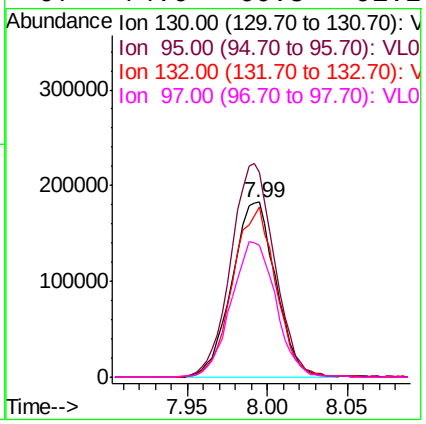


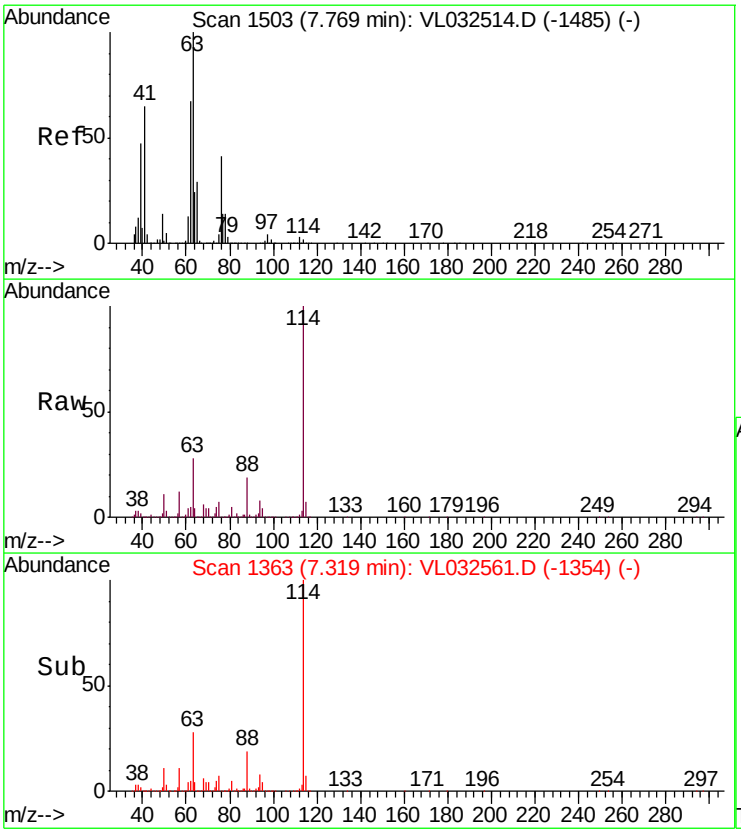
#38
Trichloroethene
Concen: 3.856 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument : MSVOA_L
ClientSampleId : SVE-INF1-092018DL2

Tgt Ion:130 Resp: 341946

Ion	Ratio	Lower	Upper
130	100		
95	116.2	94.2	141.4
132	96.4	76.2	114.4
97	74.6	60.8	91.2

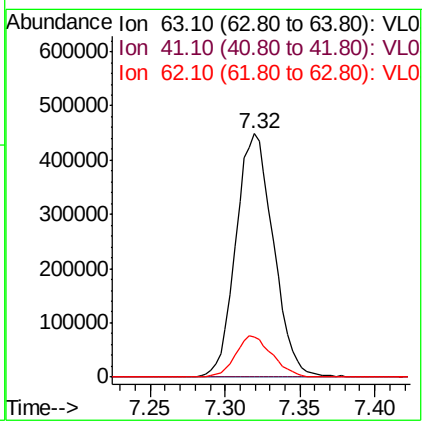


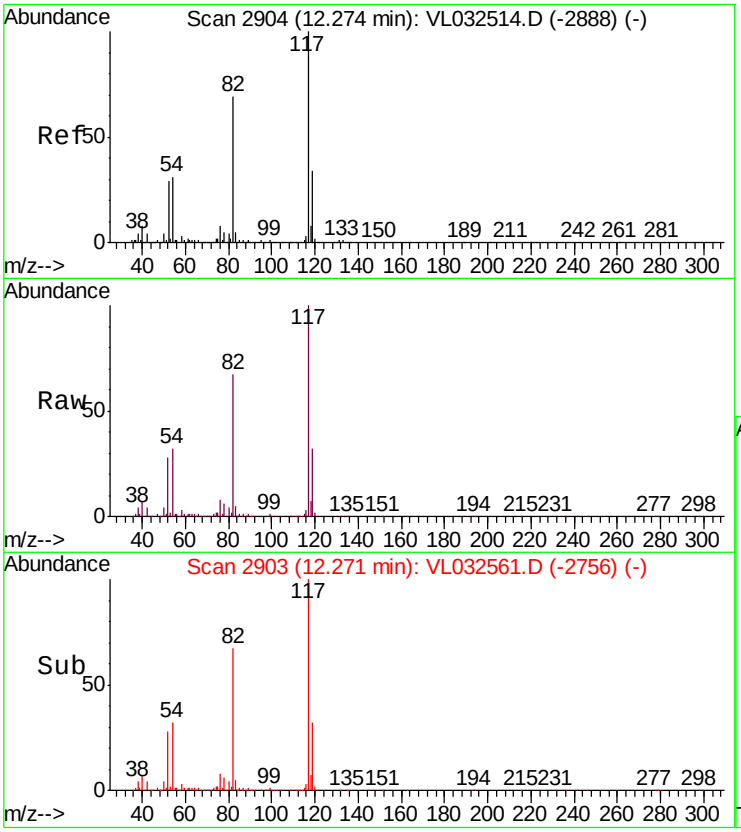


#39
1,2-Dichloropropane
Concen: 7.498 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 63 Resp: 782821

Ion	Ratio	Lower	Upper
63	100		
41	0.3	55.4	83.0#
62	16.4	55.4	83.0#



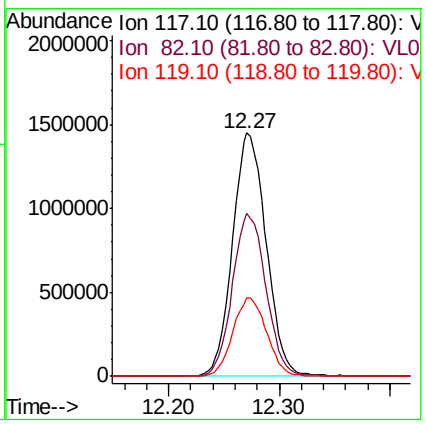


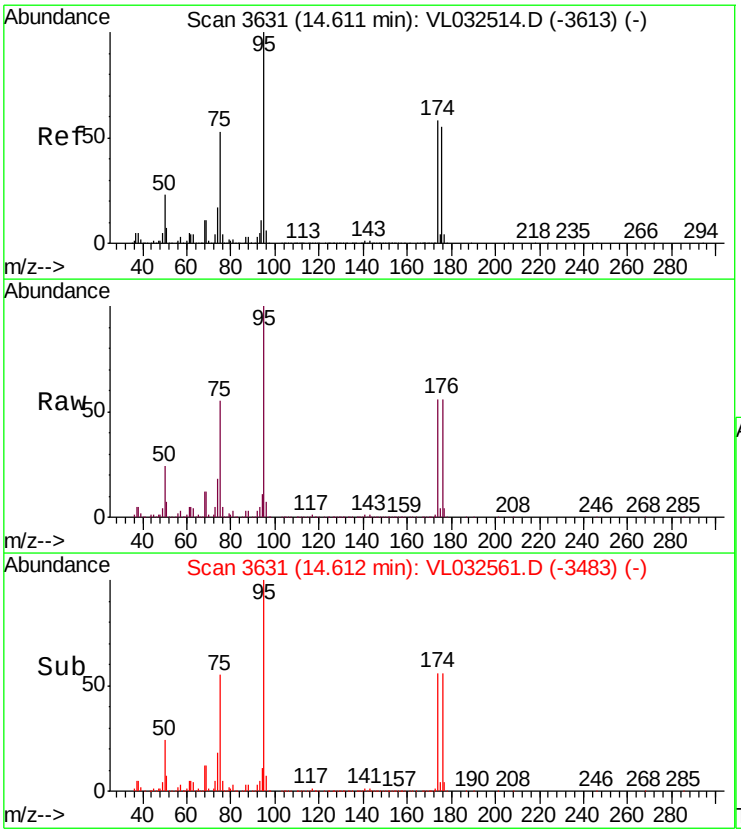
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF1-092018DL2

Tgt Ion:117 Resp: 3065557

Ion	Ratio	Lower	Upper
117	100		
82	66.9	53.0	79.6
119	32.5	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.295 ppbv
RT: 14.61 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL032561.D
Acq: 27 Sep 2018 22:44

Tgt Ion: 95 Resp: 2148911

Ion	Ratio	Lower	Upper
95	100		
174	58.0	46.3	69.5
175	4.2	3.4	5.0