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

Quantitation Report (Not Reviewed)

Data File : VL032559.D
Acq On : 27 Sep 2018 21:26
Operator : SY/AP
Sample : J5034-06DL2 50X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVE-INF3-092018DL2

Quant Time: Sep 28 02:10:09 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	1365850	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	2991834	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3031290	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2185481	9.56	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.60%				
Target Compounds							Qvalue
4) Chloromethane	3.18	50	2714	0.041	ppbv		96
5) Vinyl Chloride	3.31	62	5694	0.085	ppbv	#	84
7) Chloroethane	3.62	64	968	0.041	ppbv		92
9) Propene	3.07	41	2385	0.048	ppbv		92
11) Trichlorofluoromethane	4.03	101	12437	0.083	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.58	101	4946	0.040	ppbv	#	1
13) Ethanol	3.69	45	3489	0.236	ppbv		88
15) Acetone	3.94	43	41471	0.346	ppbv		99
18) 1,1-Dichloroethene	4.37	96	4439	0.077	ppbv	#	72
20) Methylene Chloride	4.44	84	6834	0.118	ppbv		86
24) 1,1-Dichloroethane	5.12	63	292087	1.656	ppbv		99
30) Cyclohexane	7.31	84	6802	0.064	ppbv	#	1
31) cis-1,2-Dichloroethene	5.67	61	143681	1.148	ppbv		98
32) 1,1,1-Trichloroethane	6.65	97	637574	2.967	ppbv		99
38) Trichloroethene	7.99	130	1002655	10.834	ppbv		98
39) 1,2-Dichloropropane	7.32	63	808584	7.421	ppbv	#	26
52) Tetrachloroethene	11.40	164	4568	0.054	ppbv	#	85
65) tert-Butylbenzene	17.15	119	23230	0.060	ppbv	#	29

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

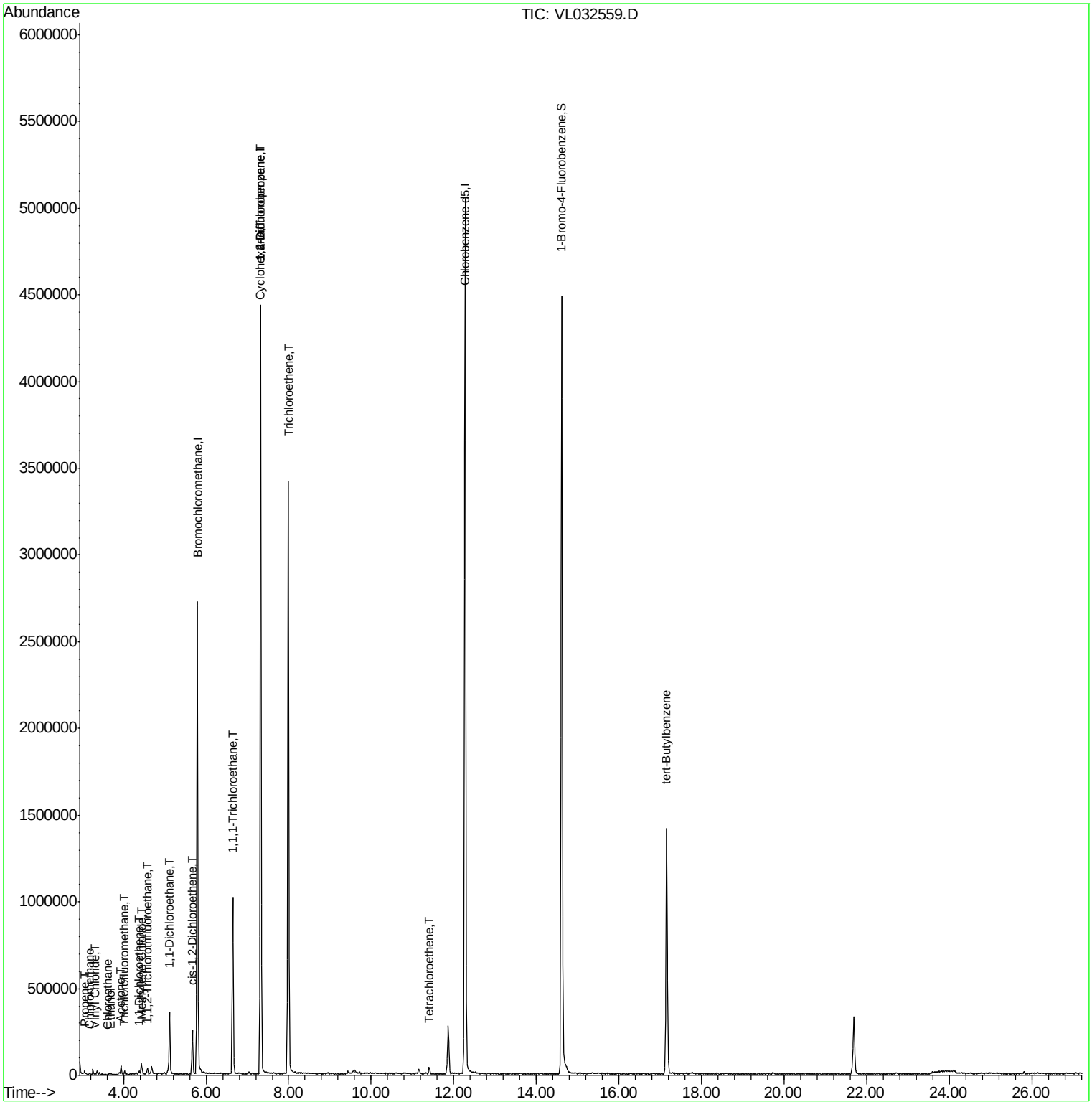
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\

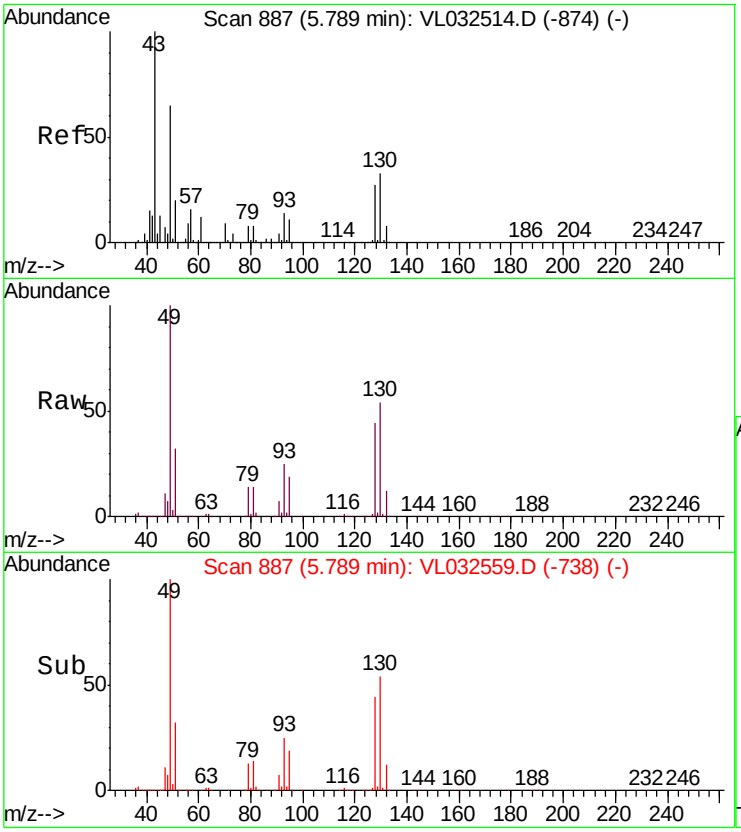
Quantitation Report (Not Reviewed)

Data File : VL032559.D
Acq On : 27 Sep 2018 21:26
Operator : SY/AP
Sample : J5034-06DL2 50X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVE-INF3-092018DL2

Quant Time: Sep 28 02:10:09 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



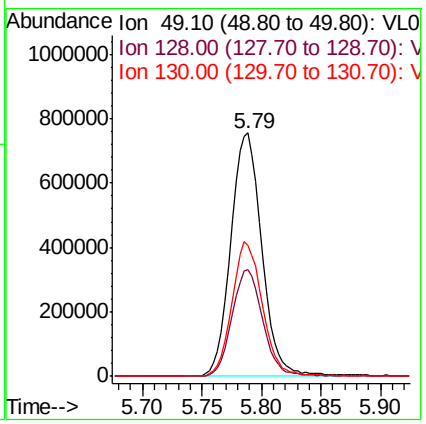


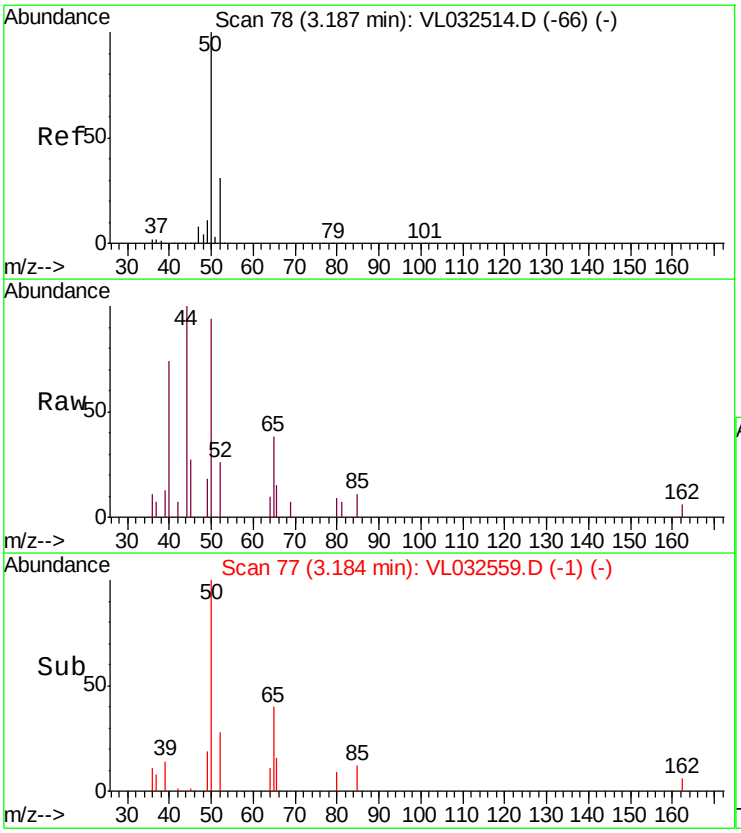
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion: 49 Resp: 1365850

Ion	Ratio	Lower	Upper
49	100		
128	43.9	20.7	62.1
130	54.8	26.6	79.7

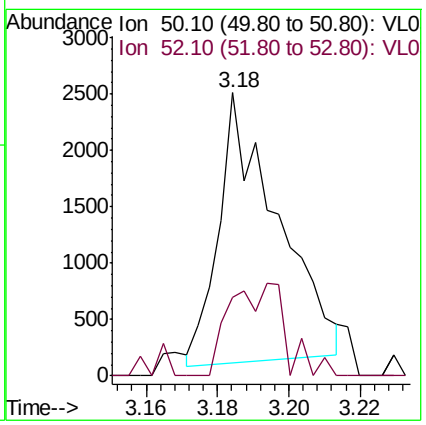


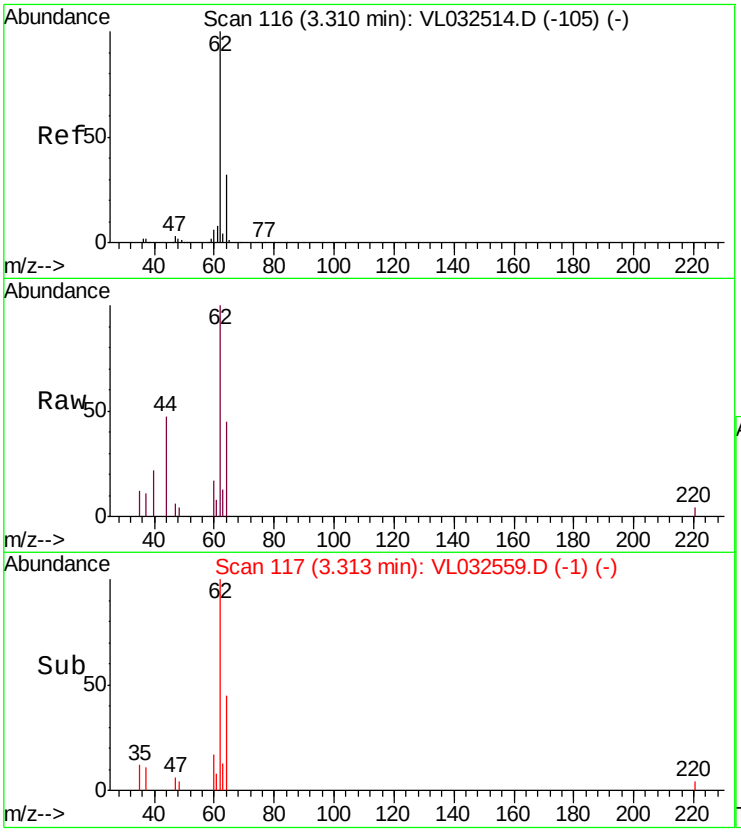


#4
Chloromethane
Concen: 0.041 ppbv
RT: 3.18 min Scan# 77
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 50 Resp: 2714

Ion	Ratio	Lower	Upper
50	100		
52	34.1	25.6	38.4



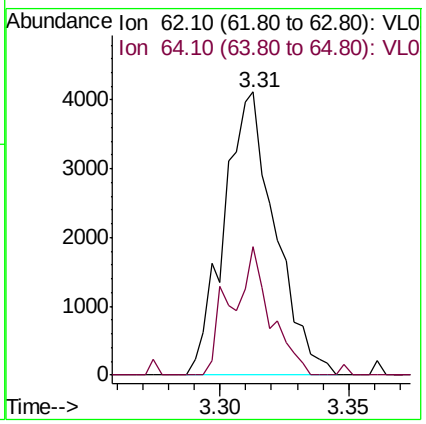


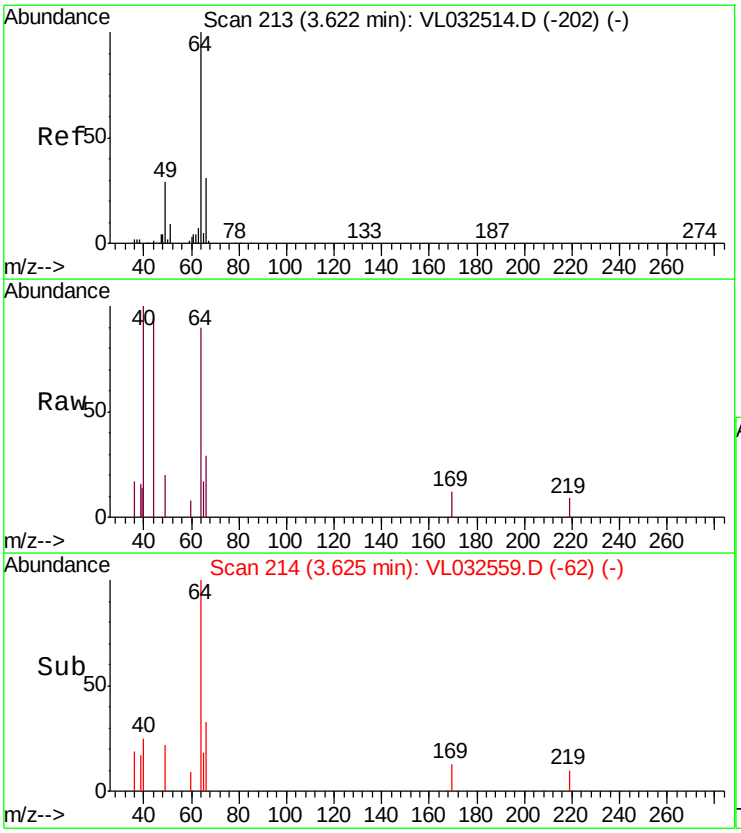
#5
Vinyl Chloride
Concen: 0.085 ppbv
RT: 3.31 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion: 62 Resp: 5694

Ion	Ratio	Lower	Upper
62	100		
64	40.1	25.0	37.6#

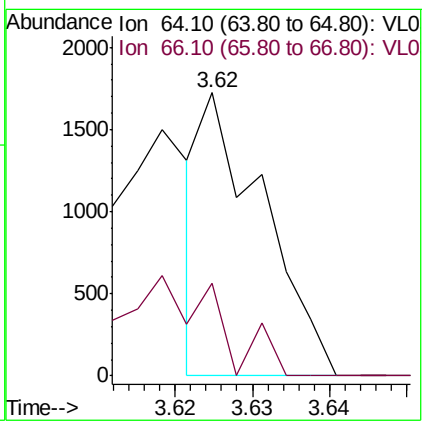


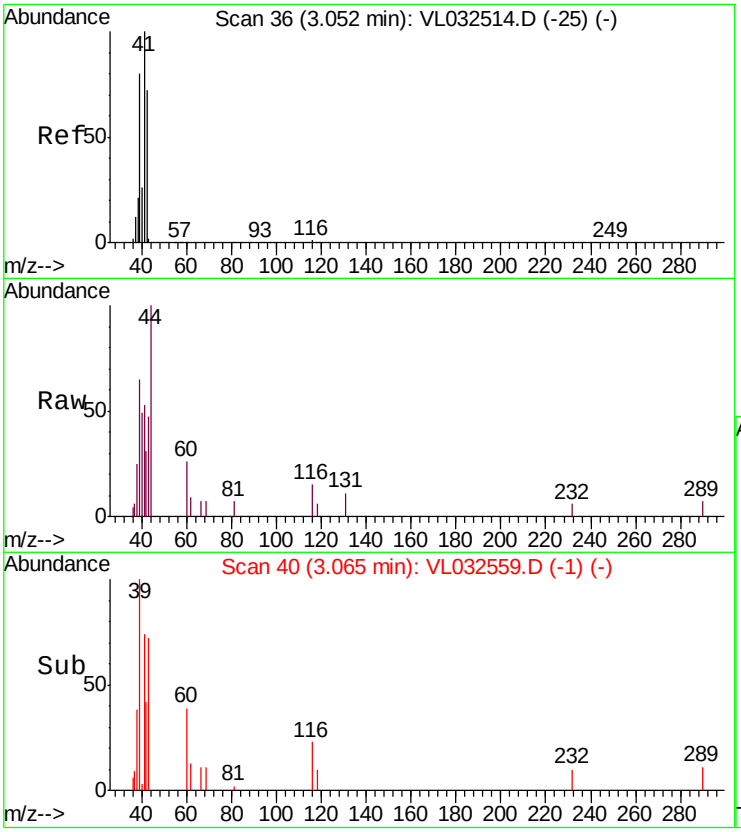


#7
Chloroethane
Concen: 0.041 ppbv
RT: 3.62 min Scan# 214
Delta R.T. -0.01 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 64 Resp: 968

Ion	Ratio	Lower	Upper
64	100		
66	27.7	25.8	38.6



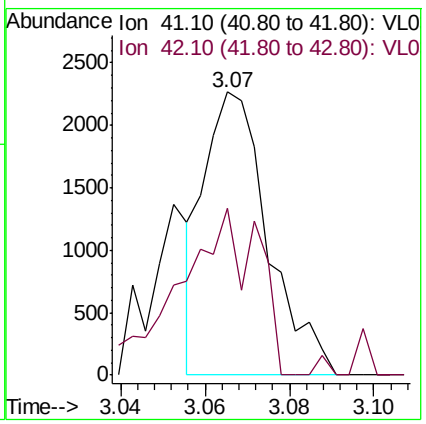


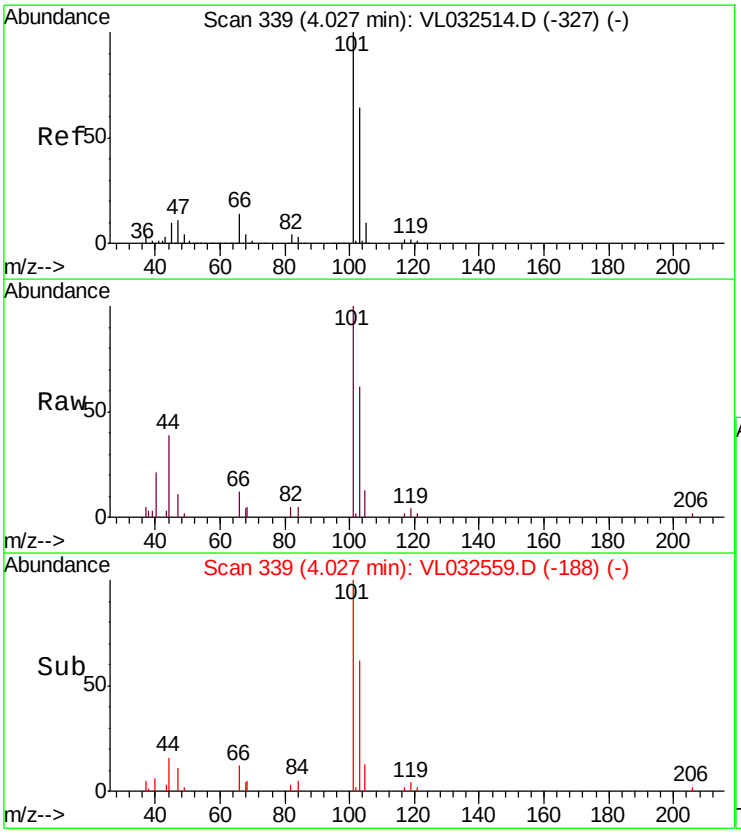
#9
Propene
Concen: 0.048 ppbv
RT: 3.07 min Scan# 40
Delta R.T. -0.00 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion: 41 Resp: 2385

Ion	Ratio	Lower	Upper
41	100		
42	77.6	56.6	84.8

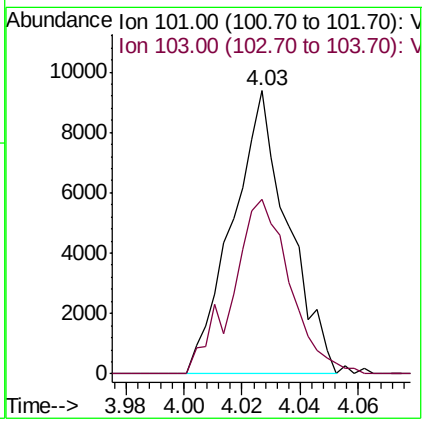


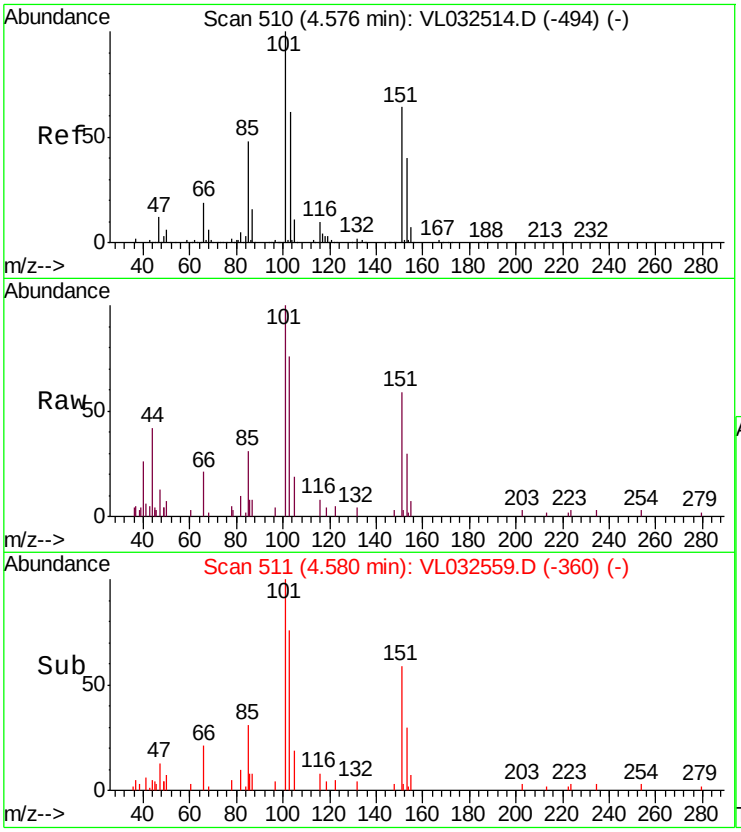


#11
Trichlorofluoromethane
Concen: 0.083 ppbv
RT: 4.03 min Scan# 339
Delta R.T. -0.01 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion:101 Resp: 12437

Ion	Ratio	Lower	Upper
101	100		
103	61.7	52.8	79.2



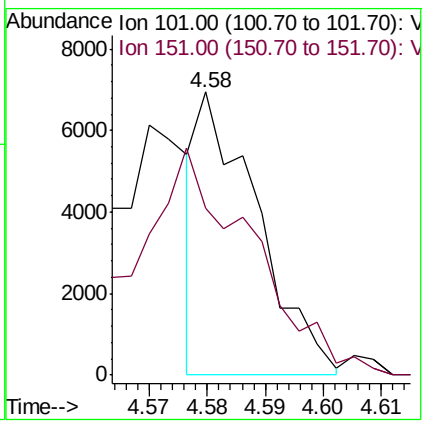


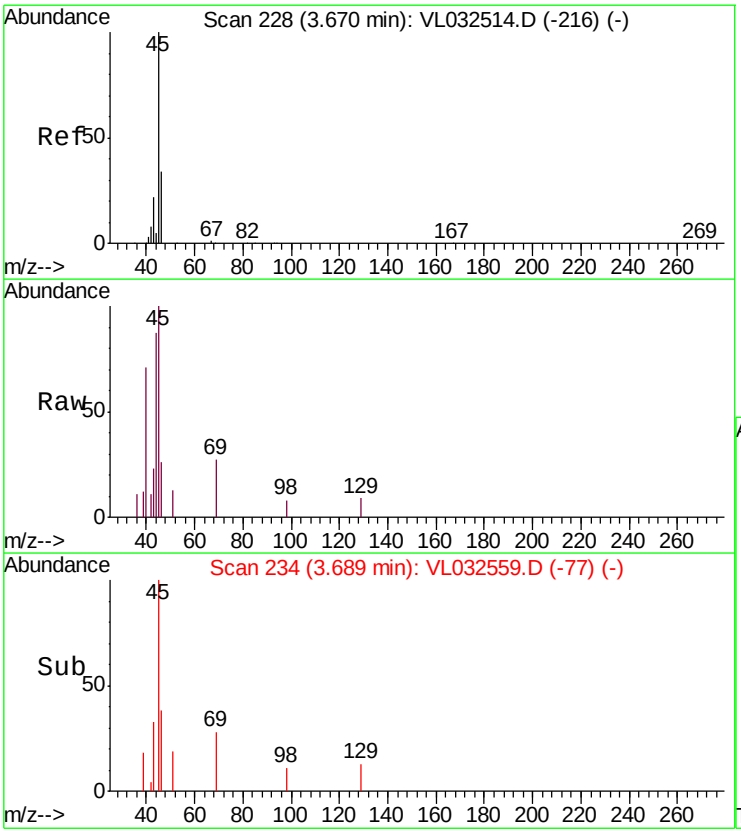
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.040 ppbv
RT: 4.58 min Scan# 511
Delta R.T. -0.01 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion:101 Resp: 4946

Ion	Ratio	Lower	Upper
101	100		
151	163.6	52.6	78.8#

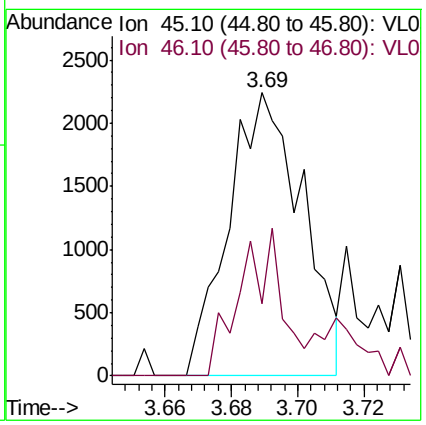


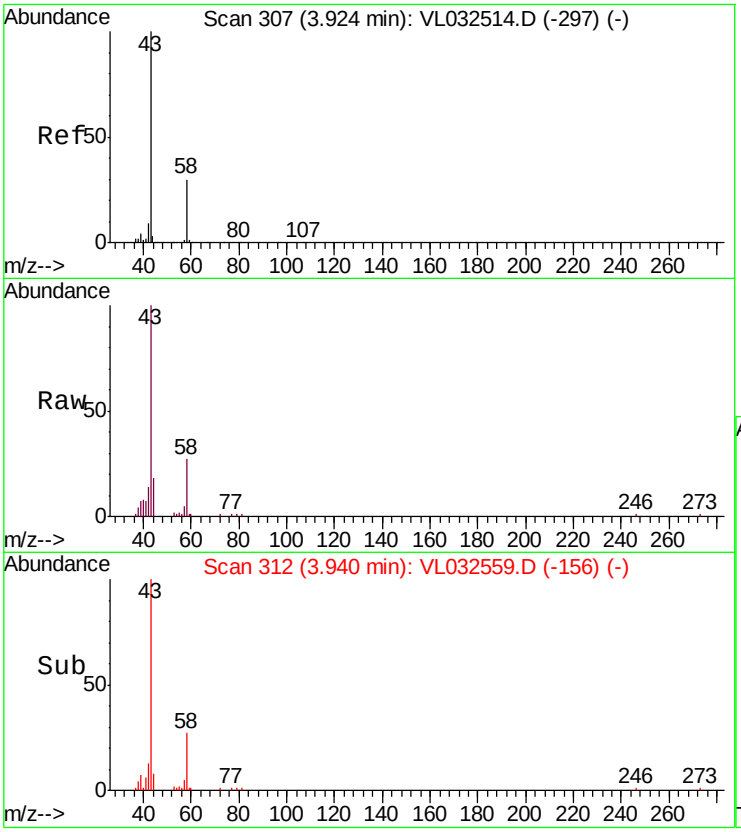


#13
Ethanol
Concen: 0.236 ppbv
RT: 3.69 min Scan# 234
Delta R.T. 0.00 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 45 Resp: 3489

Ion	Ratio	Lower	Upper
45	100		
46	42.3	14.2	56.8



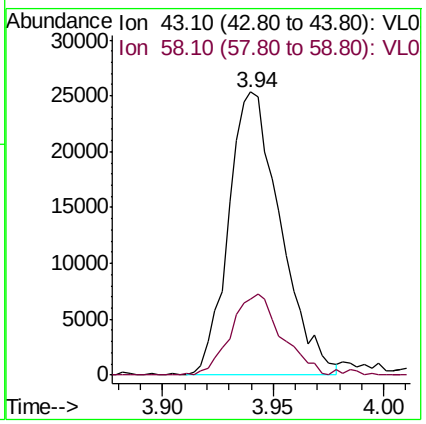


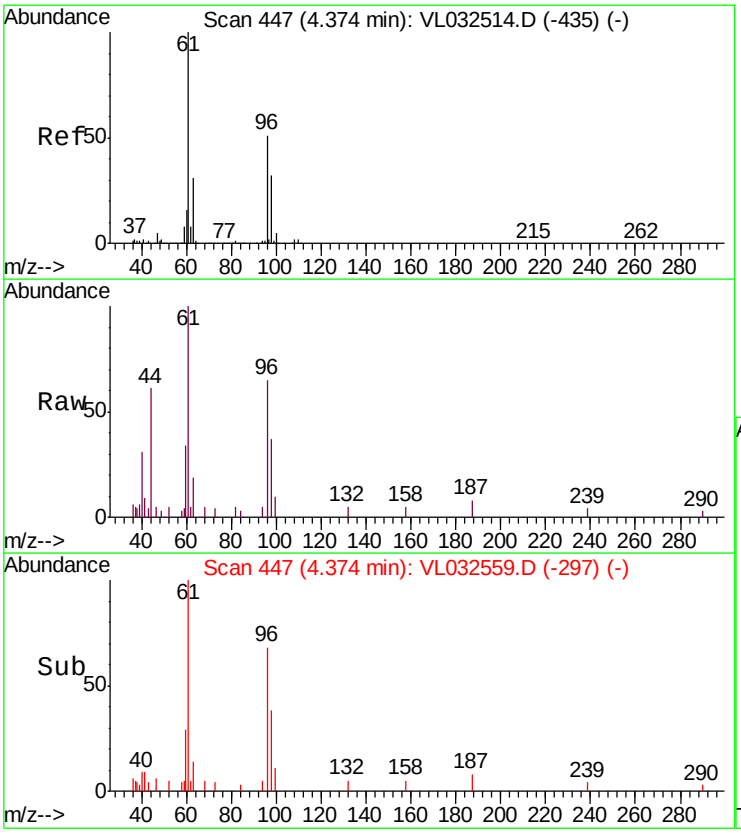
#15
Acetone
Concen: 0.346 ppbv
RT: 3.94 min Scan# 312
Delta R.T. 0.00 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument : MSVOA_L
ClientSampleId : SVE-INF3-092018DL2

Tgt Ion: 43 Resp: 41471

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.6	33.8

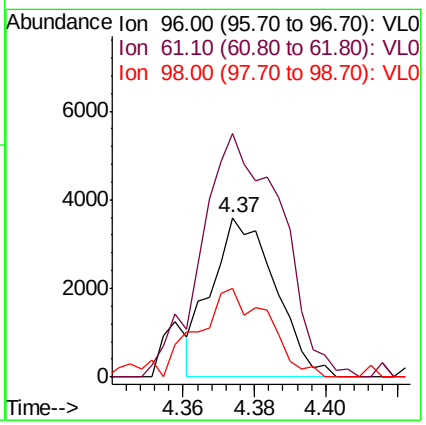


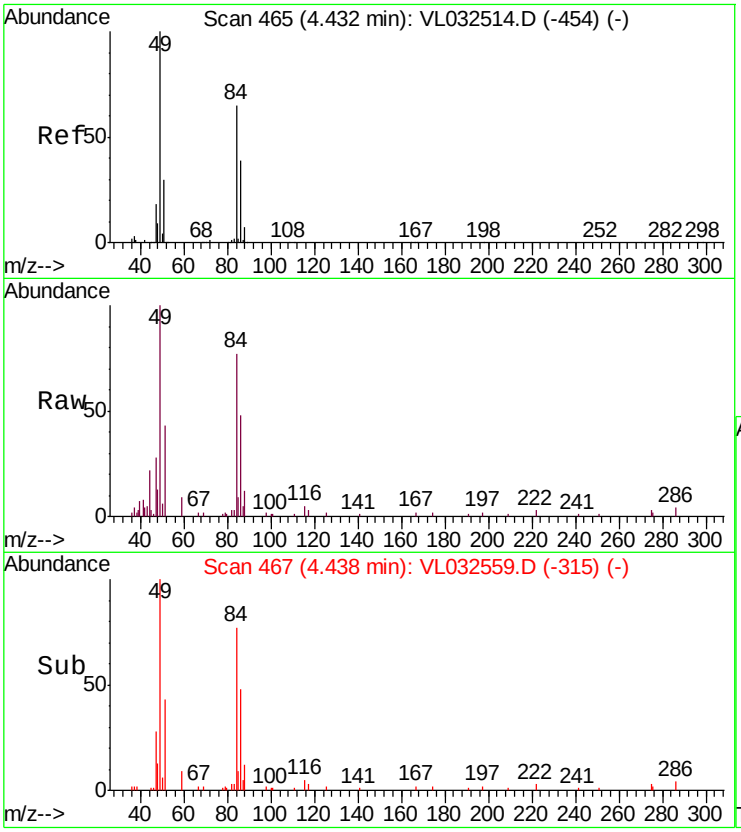


#18
1,1-Dichloroethene
Concen: 0.077 ppbv
RT: 4.37 min Scan# 447
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 96 Resp: 4439

Ion	Ratio	Lower	Upper
96	100		
61	148.6	159.2	238.8#
98	56.0	51.0	76.4



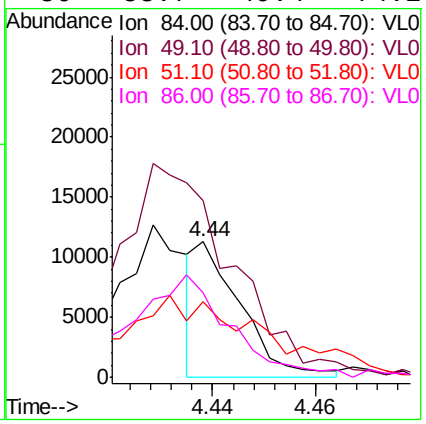


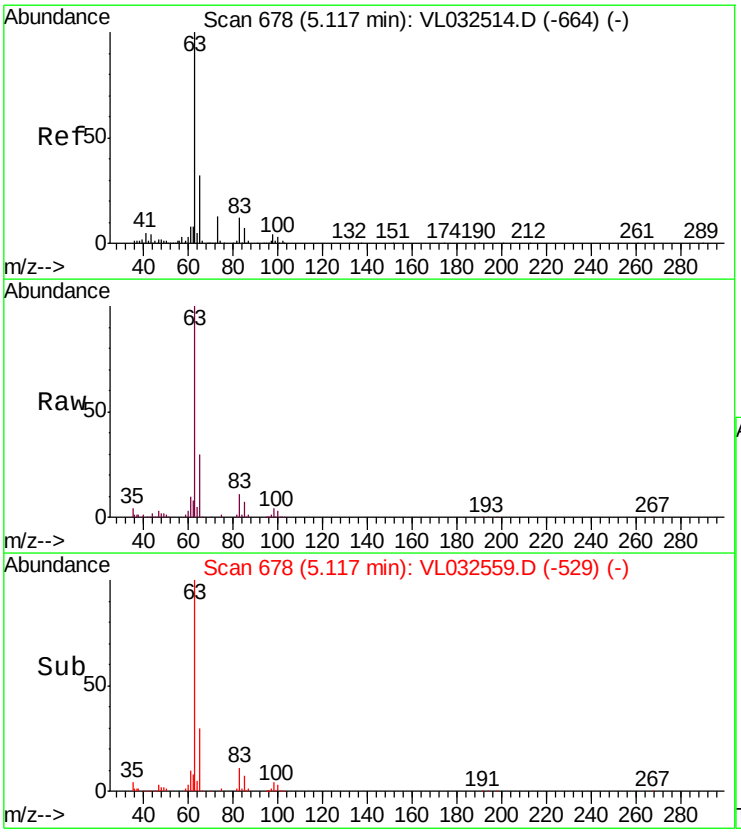
#20
Methylene Chloride
Concen: 0.118 ppbv
RT: 4.44 min Scan# 467
Delta R.T. -0.01 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument : MSVOA_L
ClientSampleId : SVE-INF3-092018DL2

Tgt Ion: 84 Resp: 6834

Ion	Ratio	Lower	Upper
84	100		
49	124.2	119.1	178.7
51	36.2	35.2	52.8
86	58.7	49.4	74.2

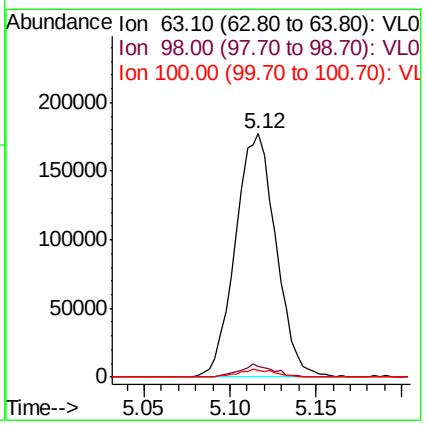


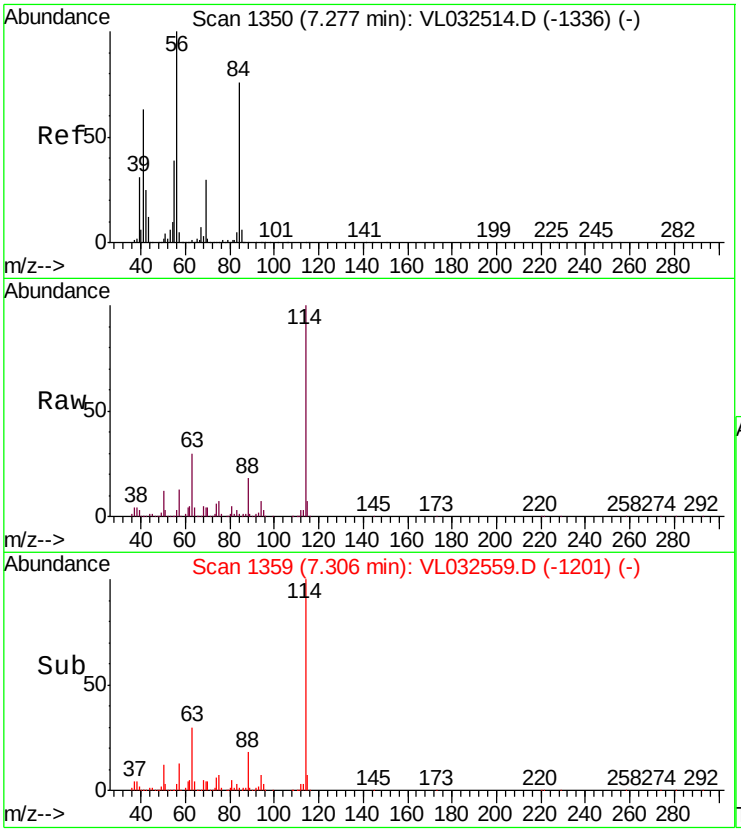


#24
1,1-Dichloroethane
Concen: 1.656 ppbv
RT: 5.12 min Scan# 678
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 63 Resp: 292087

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.6	1.5	4.4



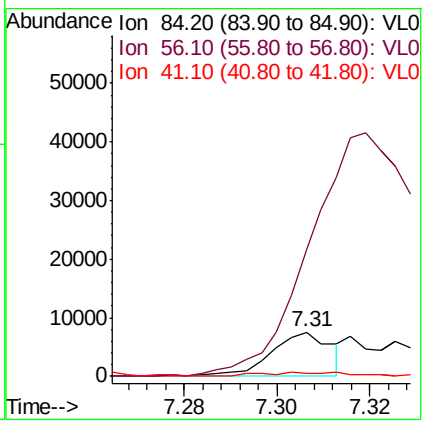


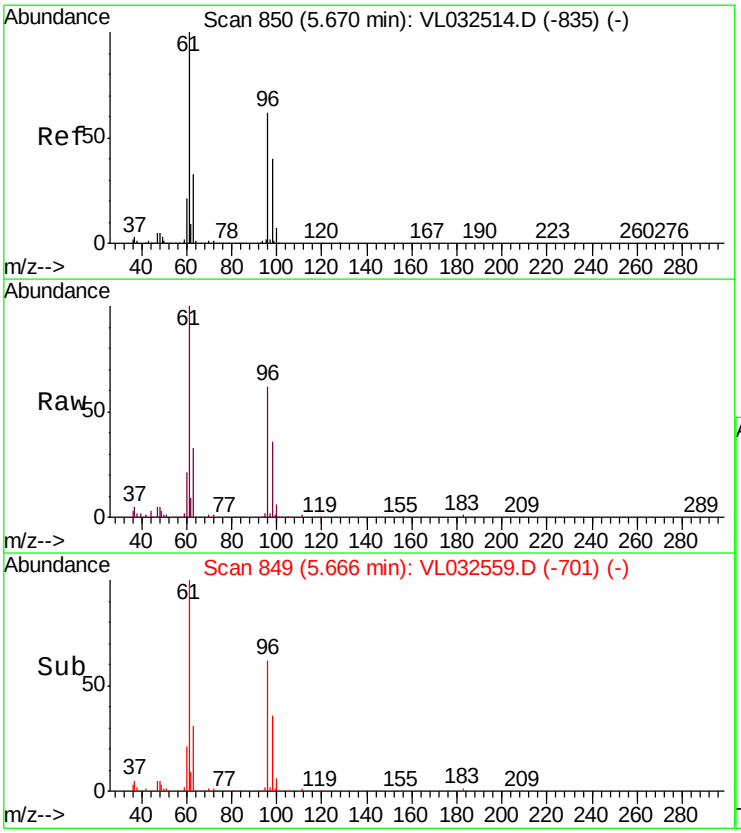
#30
Cyclohexane
Concen: 0.064 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion: 84 Resp: 6802

Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.5	170.3#
41	15.1	68.1	102.1#

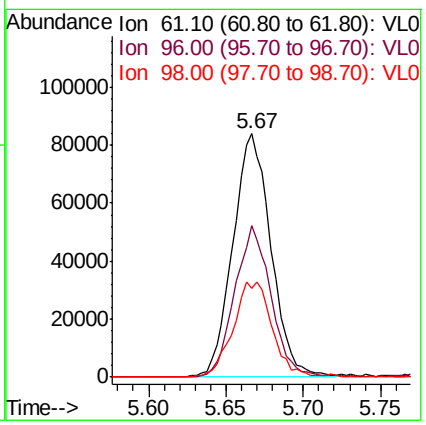


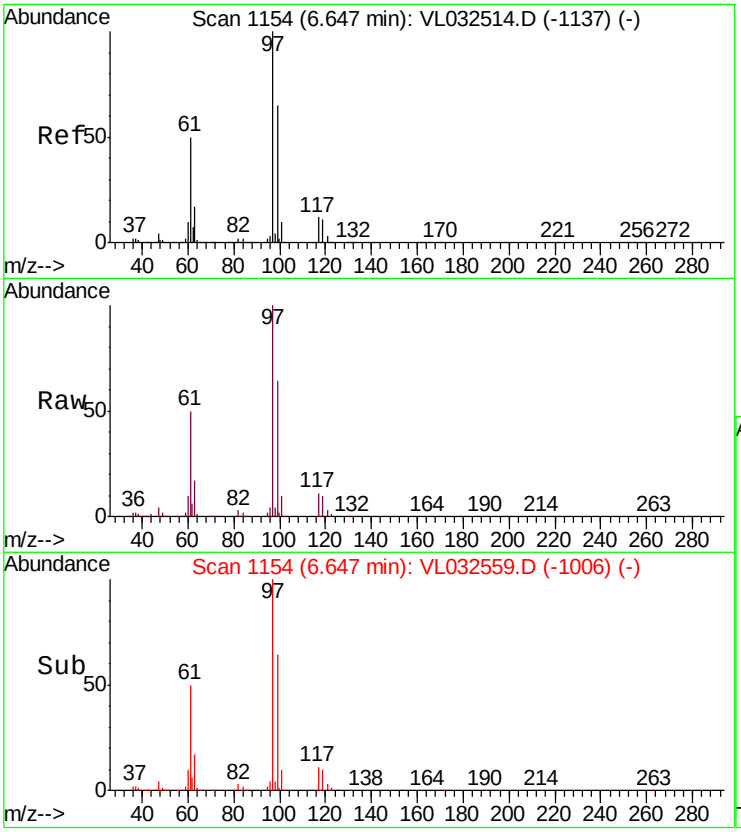


#31
cis-1,2-Dichloroethene
Concen: 1.148 ppbv
RT: 5.67 min Scan# 849
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 61 Resp: 143681

Ion	Ratio	Lower	Upper
61	100		
96	62.0	49.2	73.8
98	36.5	30.7	46.1



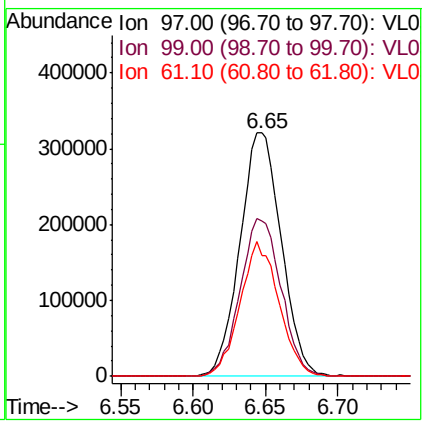


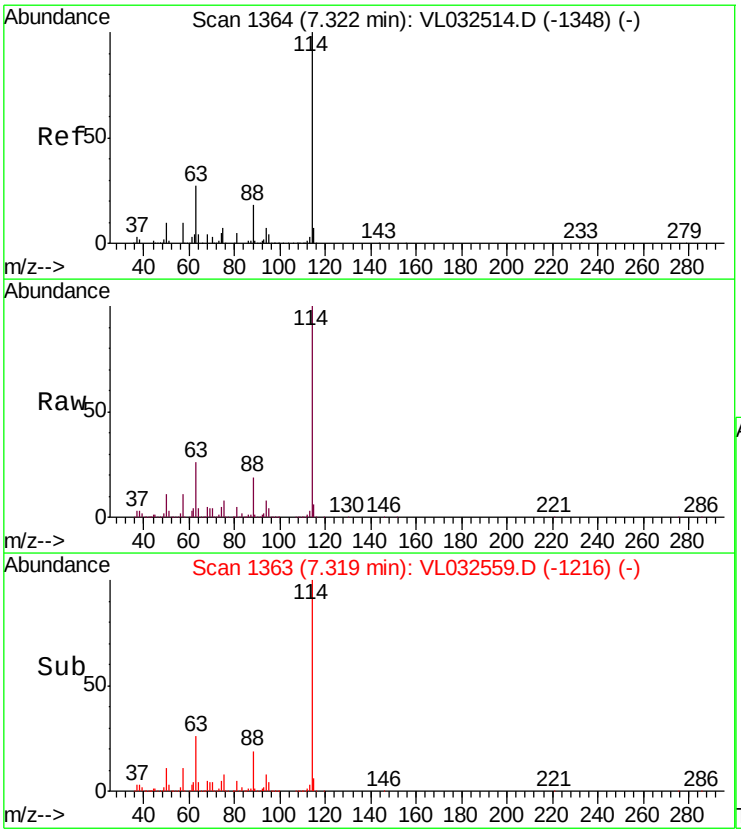
#32
1,1,1-Trichloroethane
Concen: 2.967 ppbv
RT: 6.65 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion: 97 Resp: 637574

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.1	78.1
61	52.0	42.5	63.7

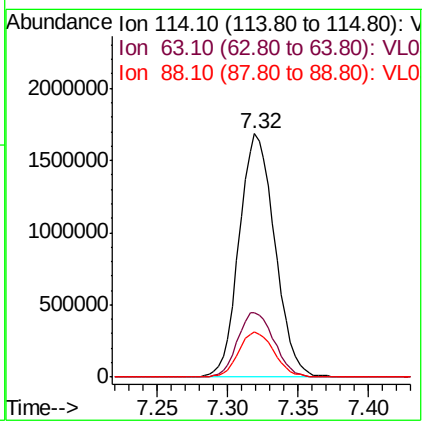


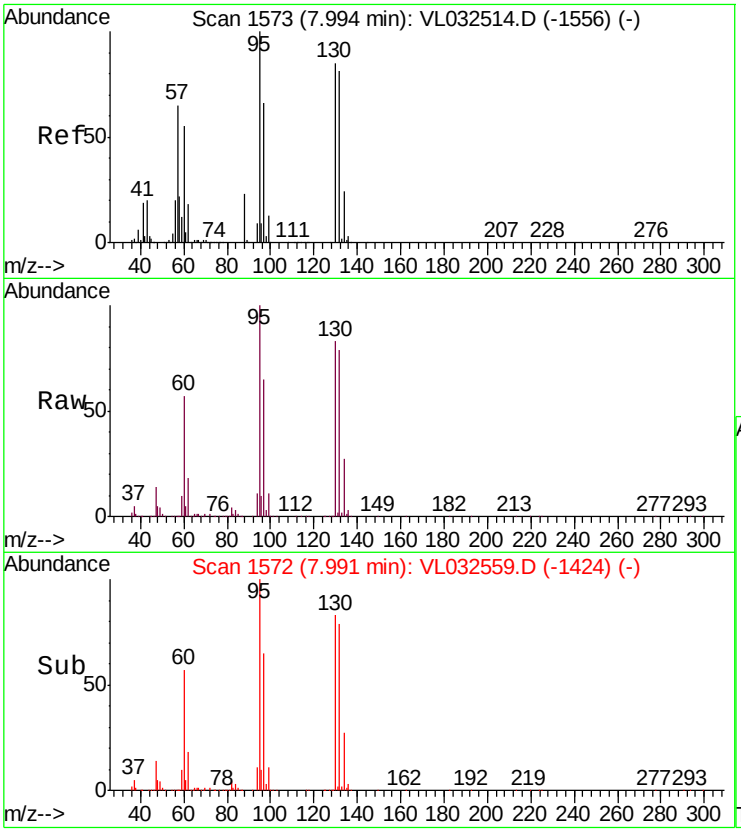


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion:114 Resp: 2991834

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	18.4	15.0	22.4



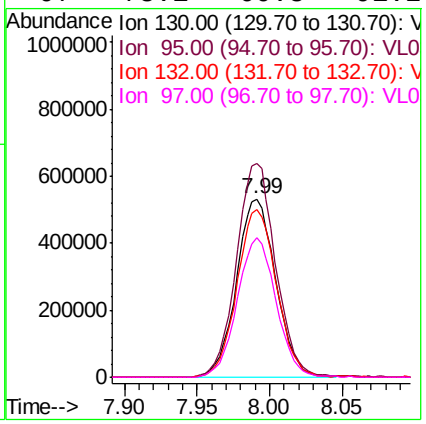


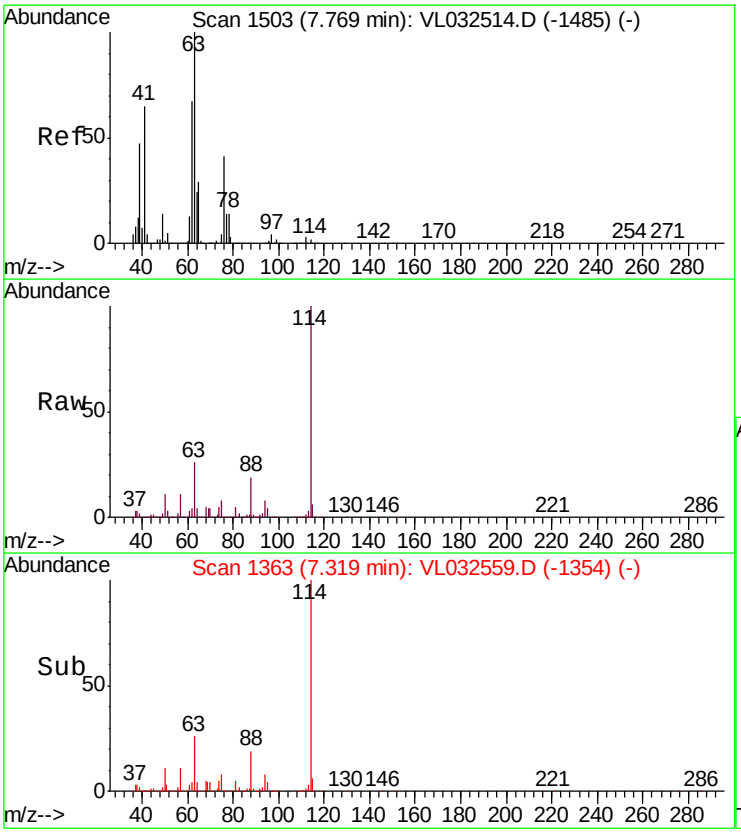
#38
Trichloroethene
Concen: 10.834 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion:130 Resp: 1002655

Ion	Ratio	Lower	Upper
130	100		
95	119.7	94.2	141.4
132	94.1	76.2	114.4
97	78.1	60.8	91.2

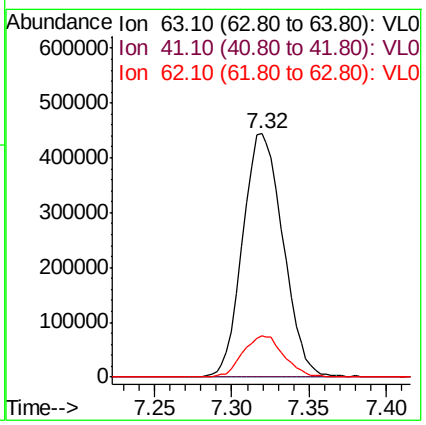


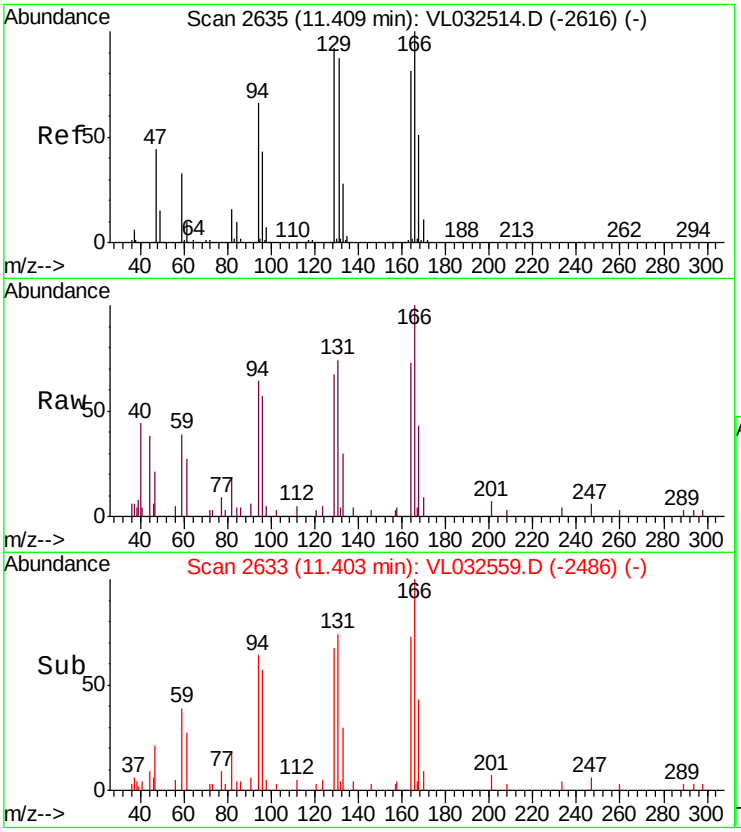


#39
1,2-Dichloropropane
Concen: 7.421 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 63 Resp: 808584

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.4	83.0#
62	16.9	55.4	83.0#



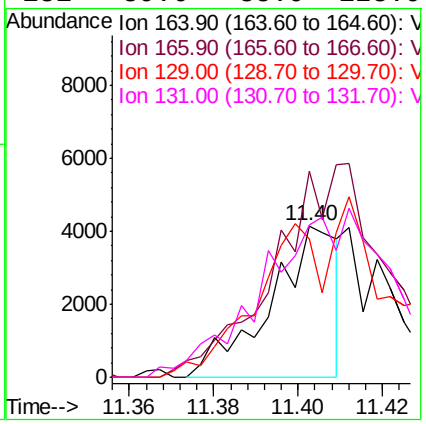


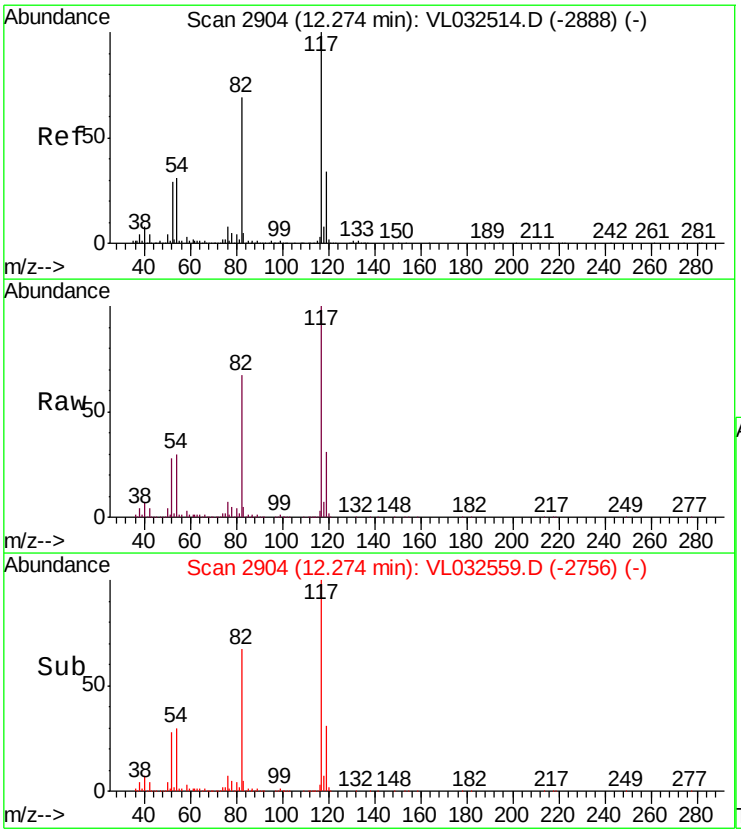
#52
Tetrachloroethene
Concen: 0.054 ppbv
RT: 11.40 min Scan# 2633
Delta R.T. -0.03 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument :
MSVOA_L
ClientSampleId :
SVE-INF3-092018DL2

Tgt Ion:164 Resp: 4568

Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.6	150.8
129	81.1	89.9	134.9#
131	89.6	85.9	128.9

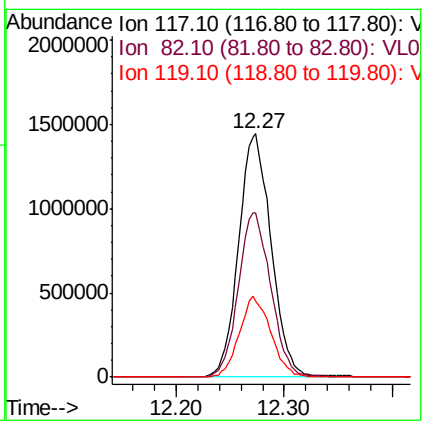


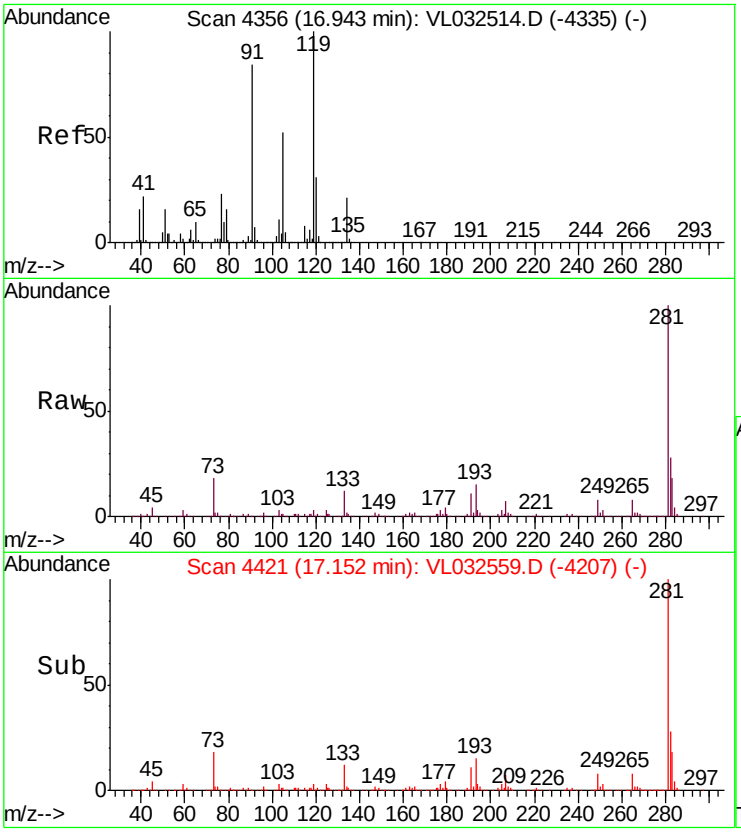


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion:117 Resp: 3031290

Ion	Ratio	Lower	Upper
117	100		
82	68.0	53.0	79.6
119	32.2	45.9	68.9#



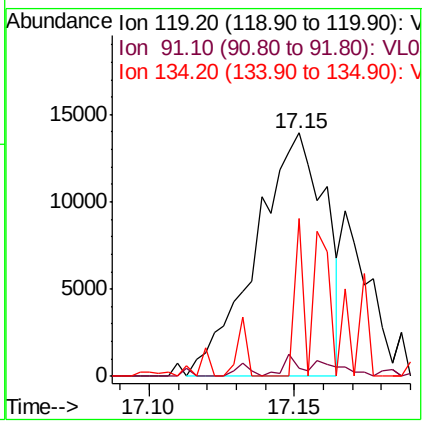


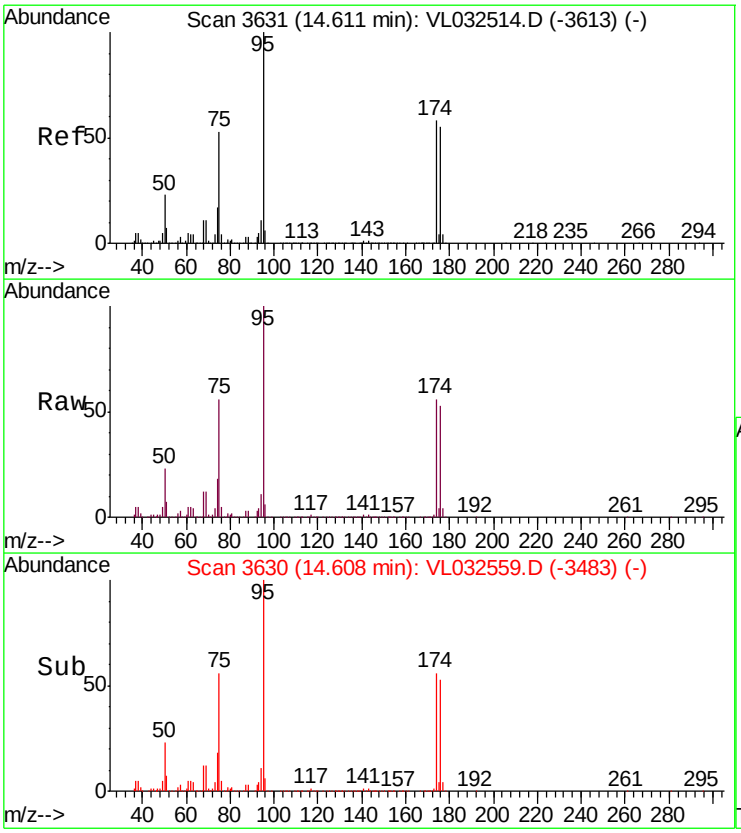
#65
tert-Butylbenzene
Concen: 0.060 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. 0.19 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Instrument : MSVOA_L
ClientSampleId : SVE-INF3-092018DL2

Tgt Ion:119 Resp: 23230

Ion	Ratio	Lower	Upper
119	100		
91	5.8	66.5	99.7#
134	24.5	16.0	24.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.561 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032559.D
Acq: 27 Sep 2018 21:26

Tgt Ion: 95 Resp: 2185481

Ion	Ratio	Lower	Upper
95	100		
174	58.5	46.3	69.5
175	4.2	3.4	5.0