Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

Quantitation Report (Not Reviewed)

Data File : VL032613.D
Acq On : 11 Oct 2018 20:46
Operator : SY/AP
Sample : J5370-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Quant Time: Oct 12 01:56:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1491613	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	3291851	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3492455	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2511260	9.54	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	8942	0.065	ppbv		93
3) Chlorodifluoromethane	3.03	51	17311	0.140	ppbv	#	89
9) Propene	3.05	41	295079	5.483	ppbv		97
13) Ethanol	3.67	45	101708	6.287	ppbv		92
15) Acetone	3.91	43	4947986	37.791	ppbv		94
16) 1,3-Butadiene	3.36	39	340820	6.419	ppbv	#	6
17) tert-Butyl alcohol	4.39	59	83308	5.063	ppbv	#	100
19) Isopropyl Alcohol	4.05	45	45304	0.497	ppbv	#	93
20) Methylene Chloride	4.44	84	122086	1.926	ppbv		89
23) Vinyl Acetate	5.17	43	74957	0.324	ppbv	#	89
25) Ethyl Acetate	5.80	43	43132	0.136	ppbv	#	95
26) Hexane	5.81	57	27659	0.193	ppbv	#	1
27) Carbon Disulfide	4.64	76	34024	0.221	ppbv	#	70
34) 2-Butanone	5.35	43	2229980	11.376	ppbv		99
36) Benzene	7.03	78	20306	0.076	ppbv	#	82
39) 1,2-Dichloropropane	7.32	63	874276	7.293	ppbv	#	25
44) 2,2,4-Trimethylpentane	7.65	57	343308	0.660	ppbv	#	65
51) 2-Hexanone	10.31	43	307103	1.205	ppbv	#	99
52) Tetrachloroethene	11.40	164	5064	0.055	ppbv	#	86
53) Toluene	9.97	91	48422	0.149	ppbv	#	21

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

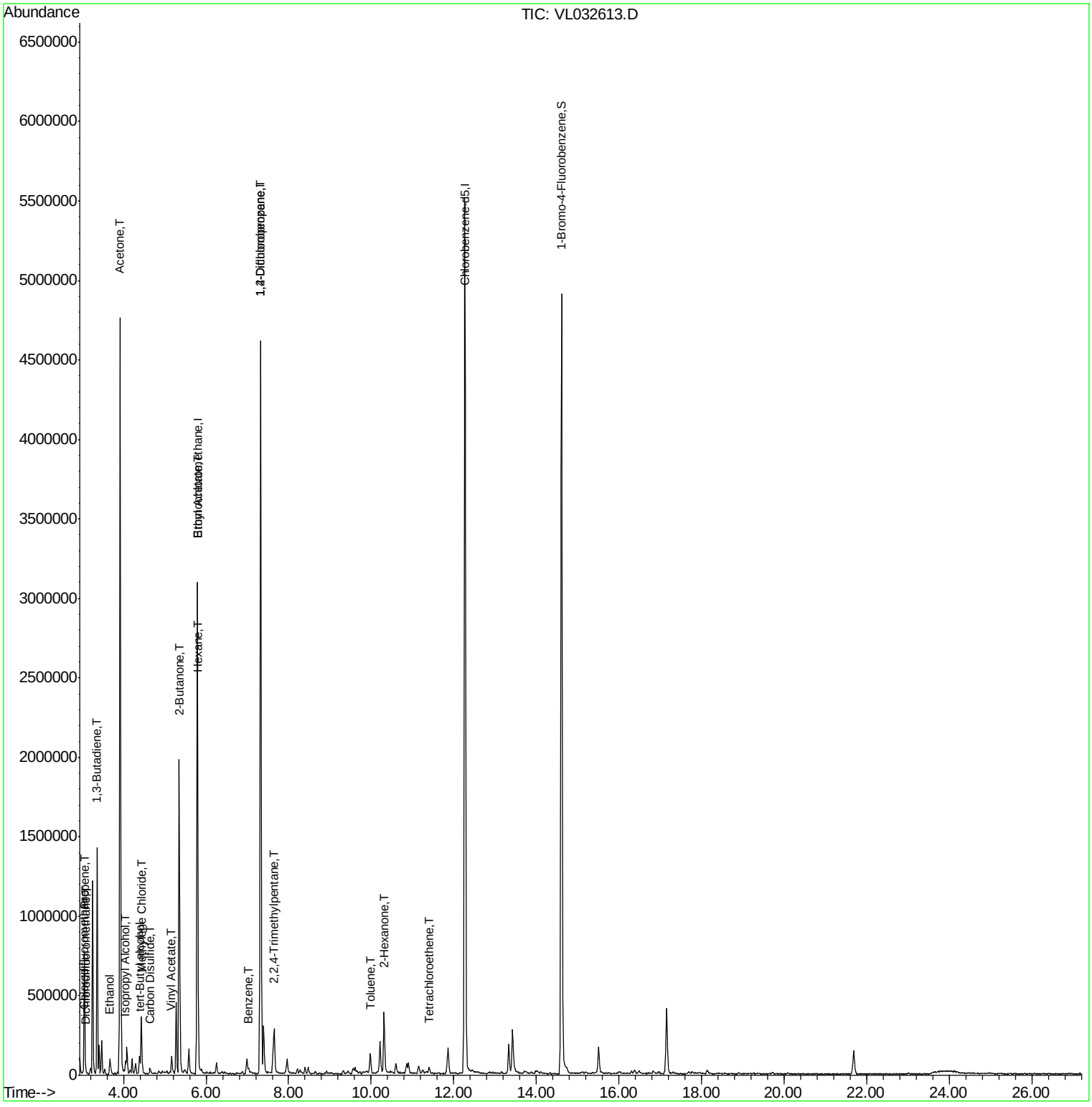
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

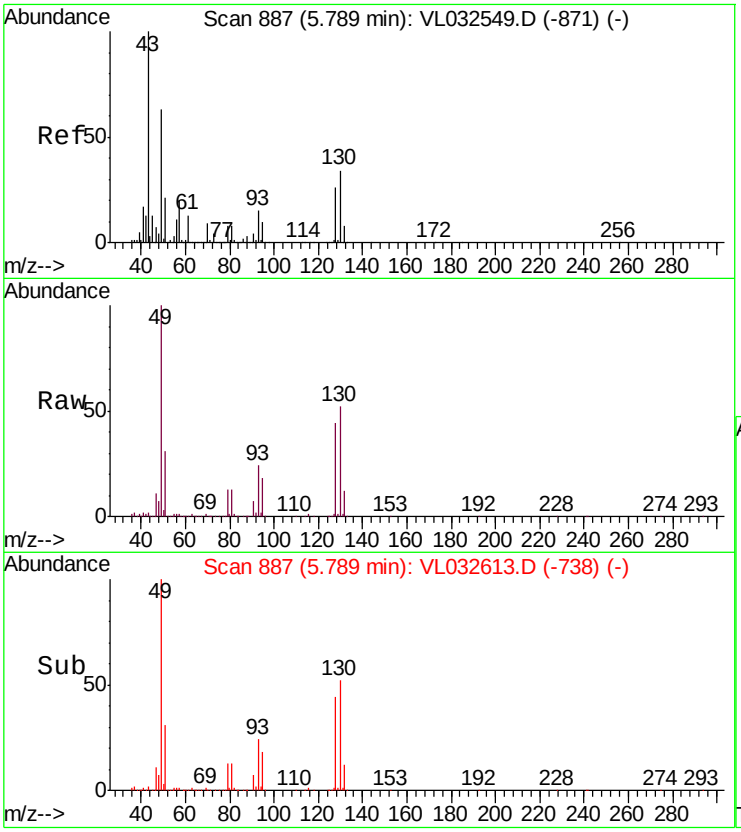
Quantitation Report (Not Reviewed)

Data File : VL032613.D
Acq On : 11 Oct 2018 20:46
Operator : SY/AP
Sample : J5370-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Quant Time: Oct 12 01:56:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration



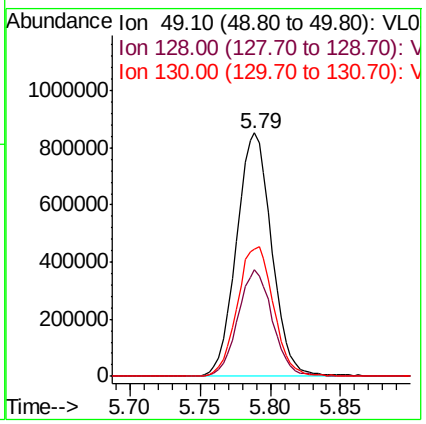


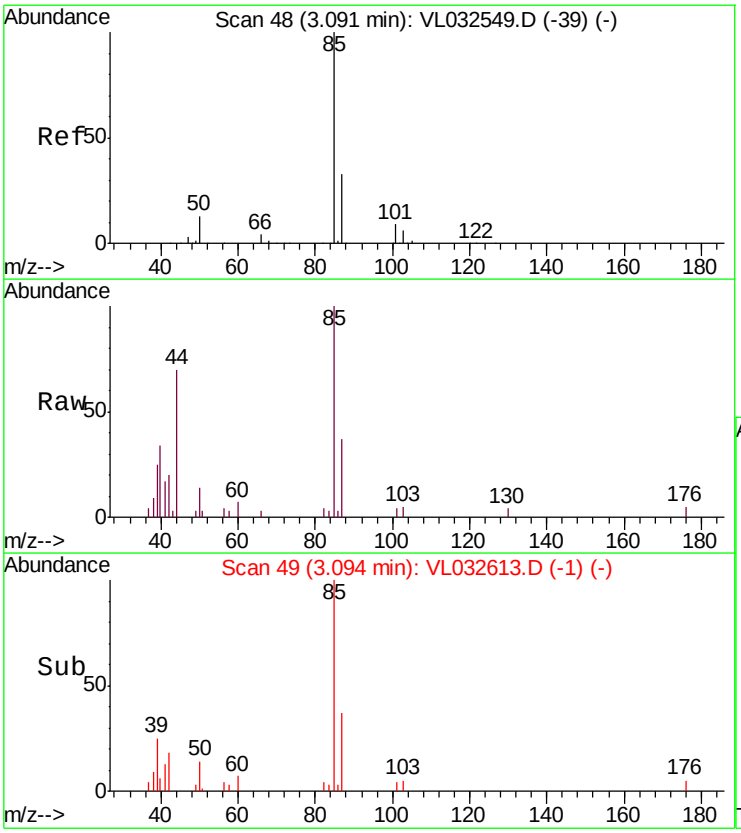
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518DL

Tgt Ion: 49 Resp: 1491613

Ion	Ratio	Lower	Upper
49	100		
128	43.2	20.7	62.1
130	55.1	26.6	79.7

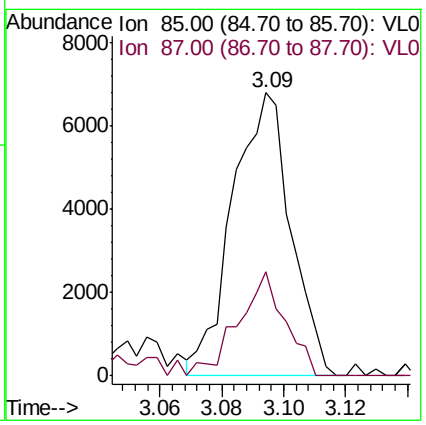


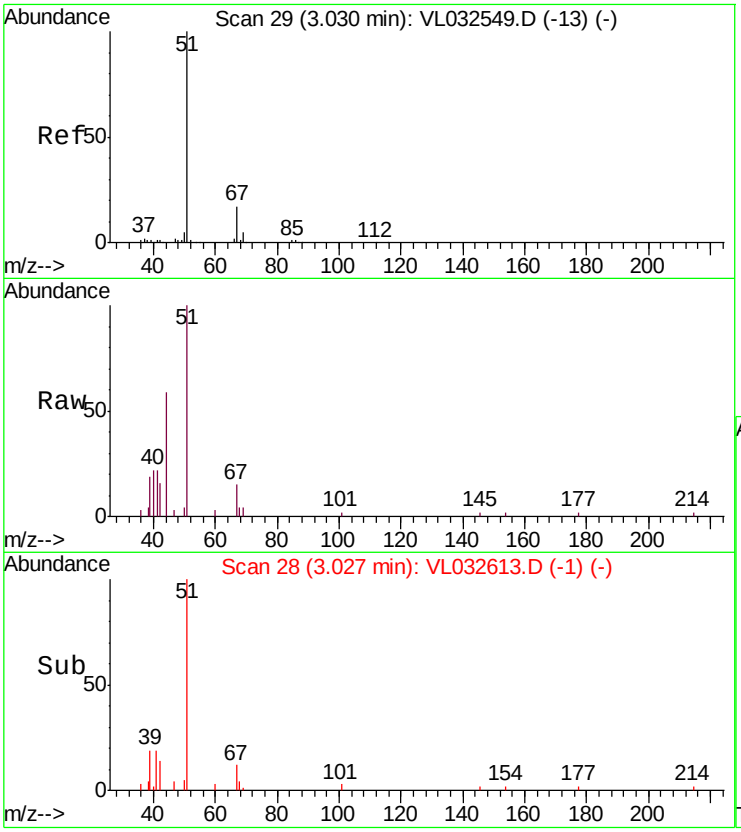


#2
Dichlorodifluoromethane
Concen: 0.065 ppbv
RT: 3.09 min Scan# 49
Delta R.T. -0.01 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 85 Resp: 8942

Ion	Ratio	Lower	Upper
85	100		
87	36.9	26.2	39.4



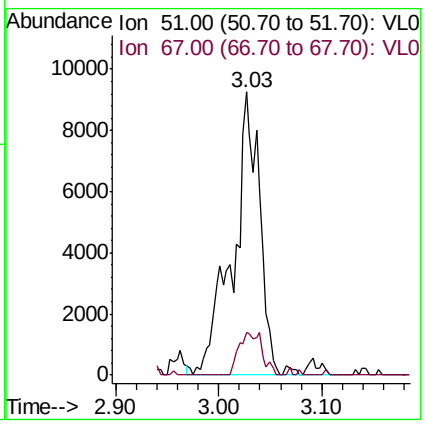


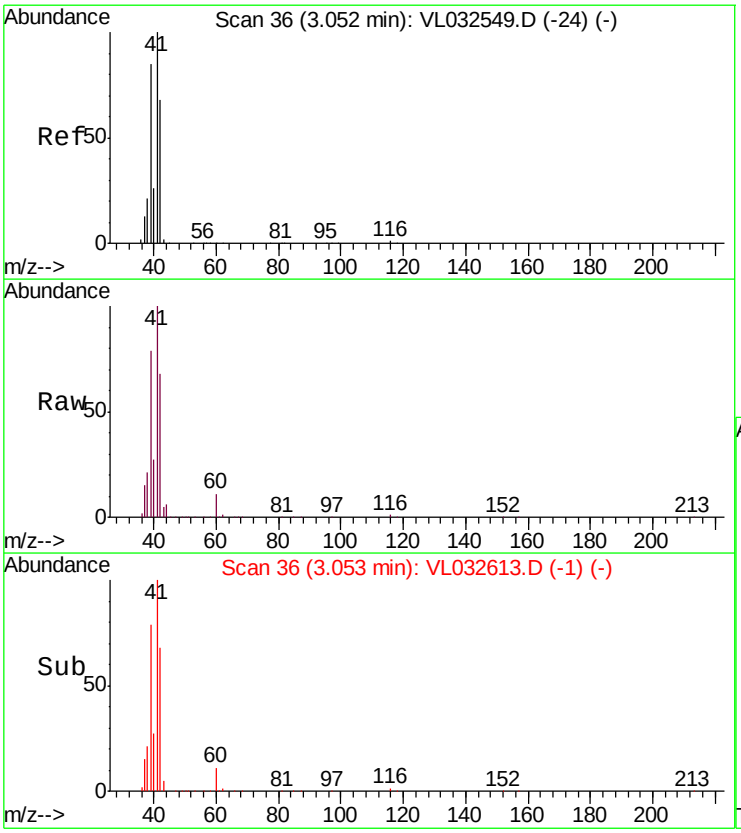
#3
Chlorodifluoromethane
Concen: 0.140 ppbv
RT: 3.03 min Scan# 28
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion: 51 Resp: 17311

Ion	Ratio	Lower	Upper
51	100		
67	12.7	13.8	20.8#

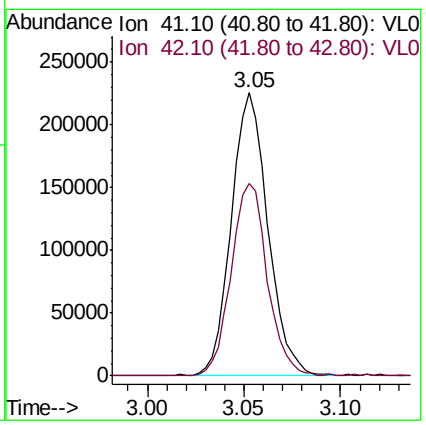


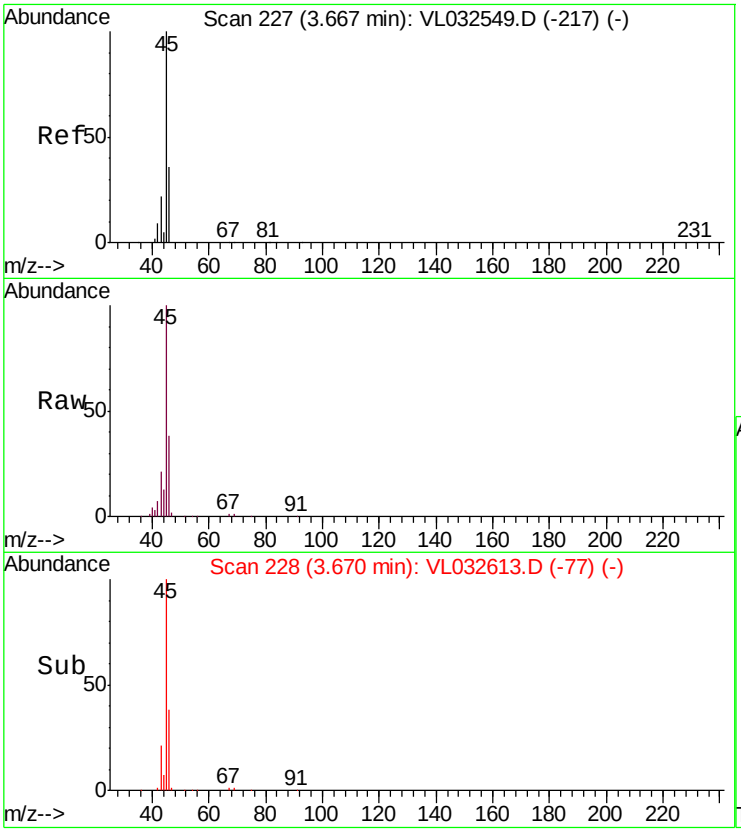


#9
Propene
Concen: 5.483 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 41 Resp: 295079

Ion	Ratio	Lower	Upper
41	100		
42	68.1	56.6	84.8



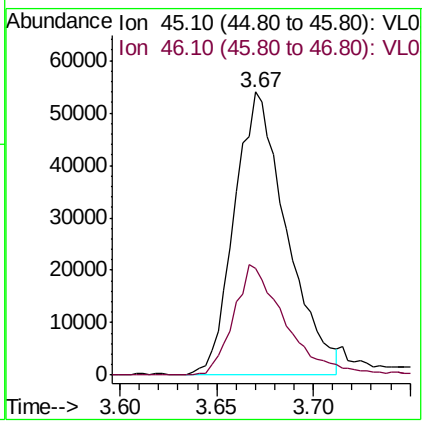


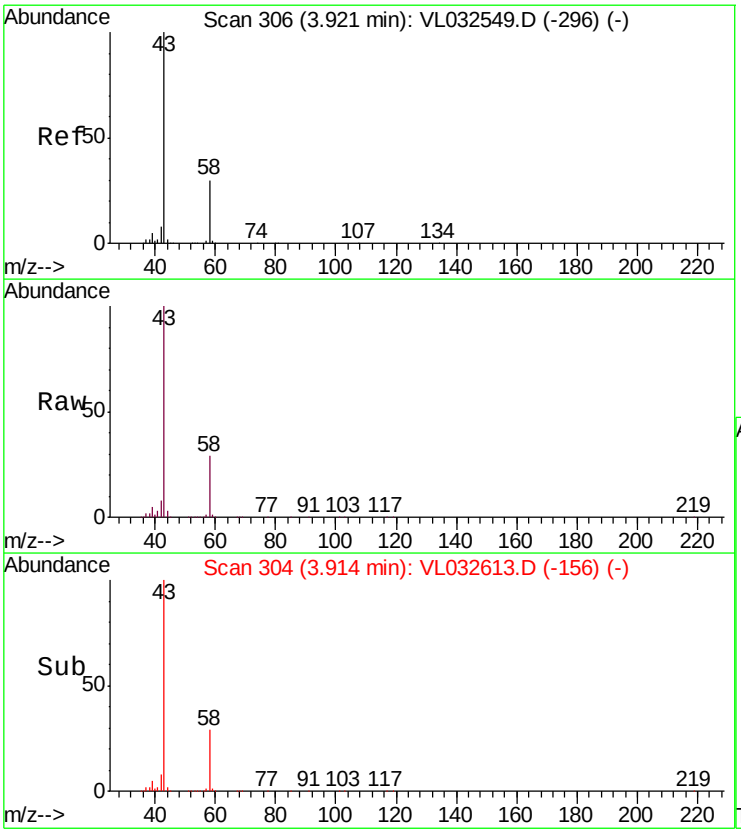
#13
Ethanol
Concen: 6.287 ppbv
RT: 3.67 min Scan# 228
Delta R.T. -0.01 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518DL

Tgt Ion: 45 Resp: 101708

Ion	Ratio	Lower	Upper
45	100		
46	39.9	14.2	56.8

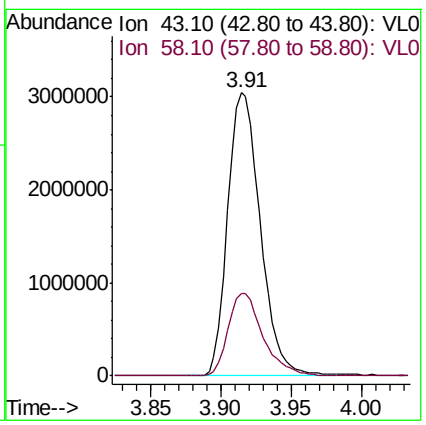


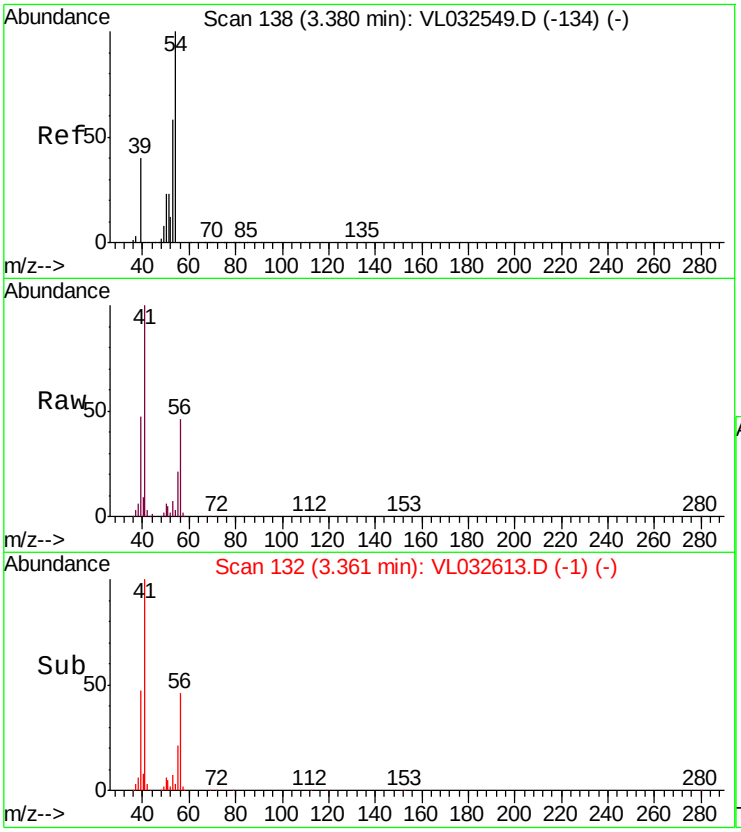


#15
Acetone
Concen: 37.791 ppbv
RT: 3.91 min Scan# 304
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 43 Resp: 4947986

Ion	Ratio	Lower	Upper
43	100		
58	31.1	22.6	33.8



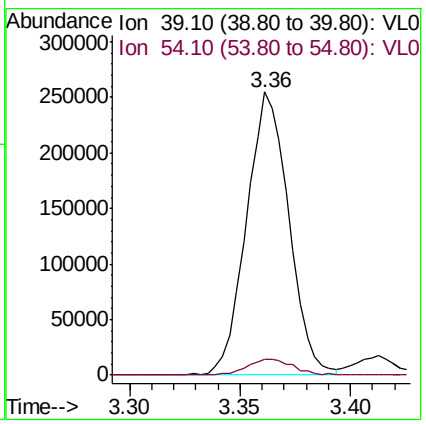


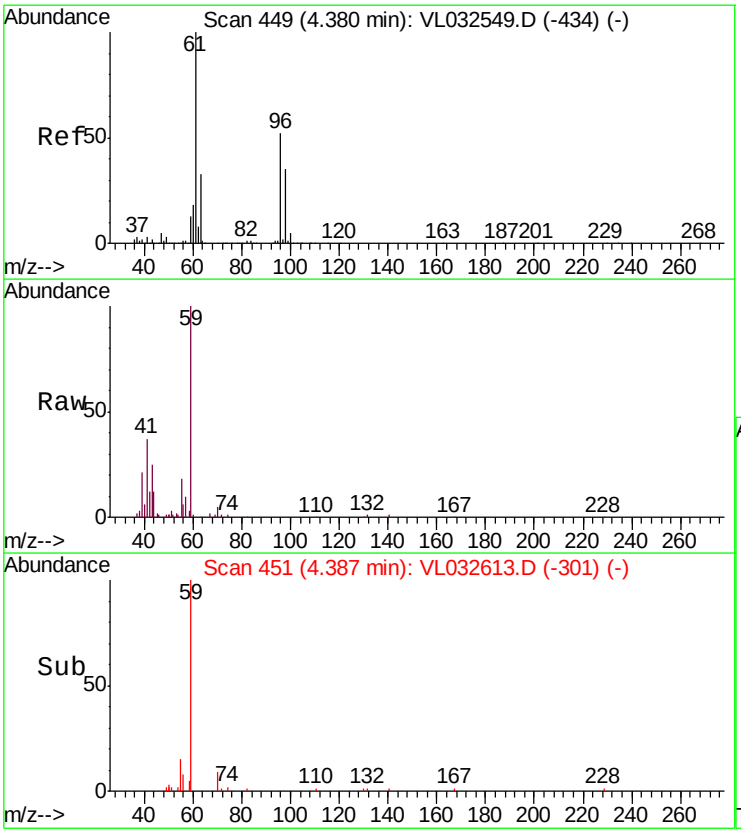
#16
1,3-Butadiene
Concen: 6.419 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.04 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion: 39 Resp: 340820

Ion	Ratio	Lower	Upper
39	100		
54	6.1	80.8	121.2#

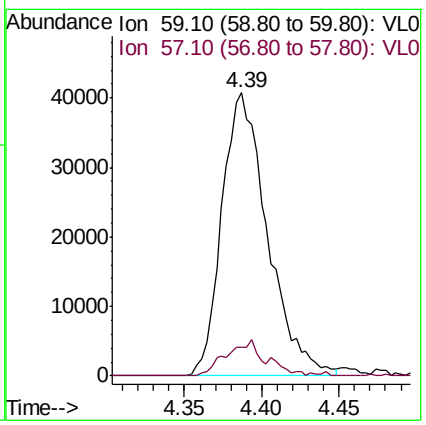


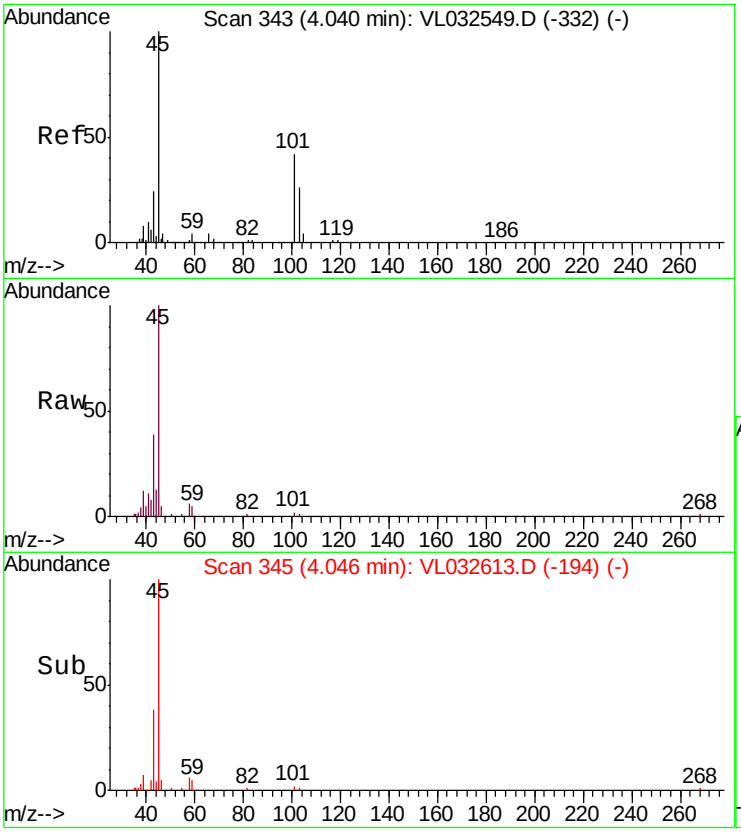


#17
tert-Butyl alcohol
Concen: 5.063 ppbv
RT: 4.39 min Scan# 451
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 59 Resp: 83308

Ion	Ratio	Lower	Upper
59	100		
57	11.4	0.0	0.0#



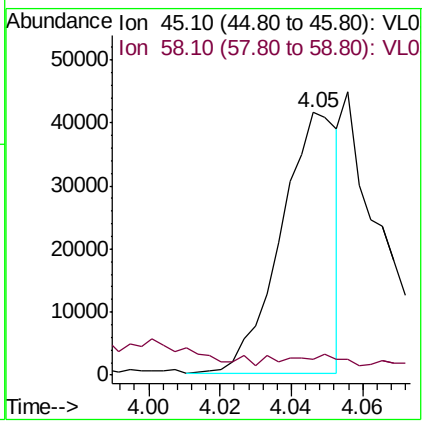


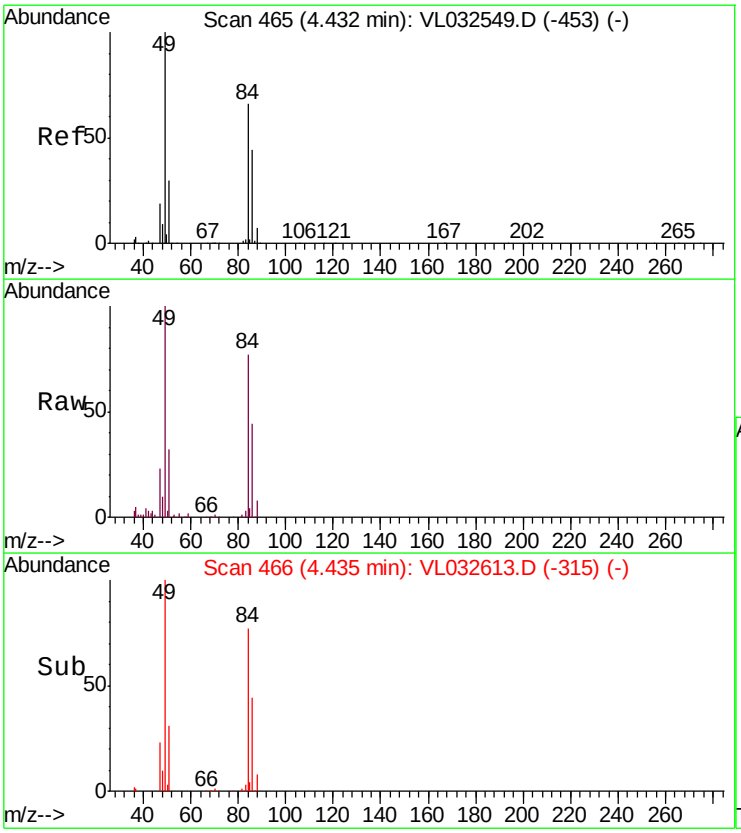
#19
Isopropyl Alcohol
Concen: 0.497 ppbv
RT: 4.05 min Scan# 345
Delta R.T. -0.01 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion: 45 Resp: 45304

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

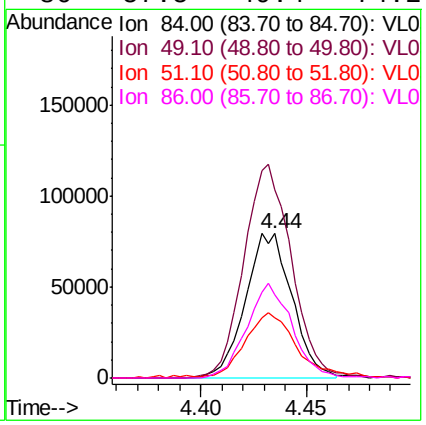


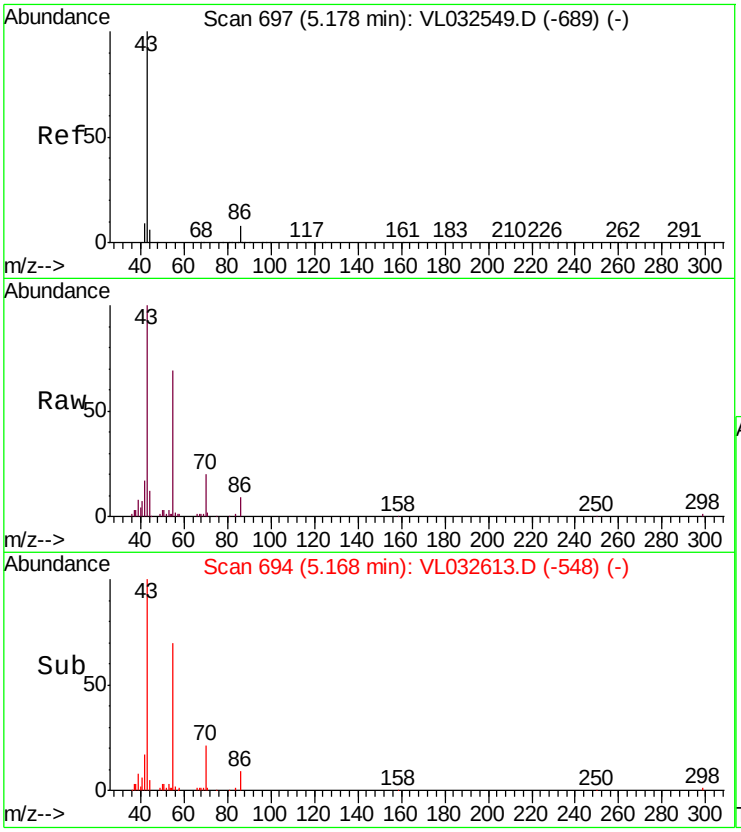


#20
Methylene Chloride
Concen: 1.926 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 84 Resp: 122086

Ion	Ratio	Lower	Upper
84	100		
49	130.4	119.1	178.7
51	39.9	35.2	52.8
86	57.5	49.4	74.2



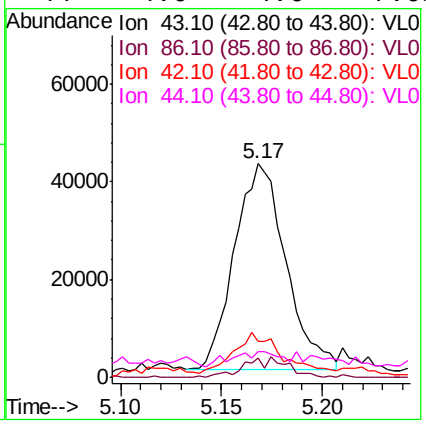


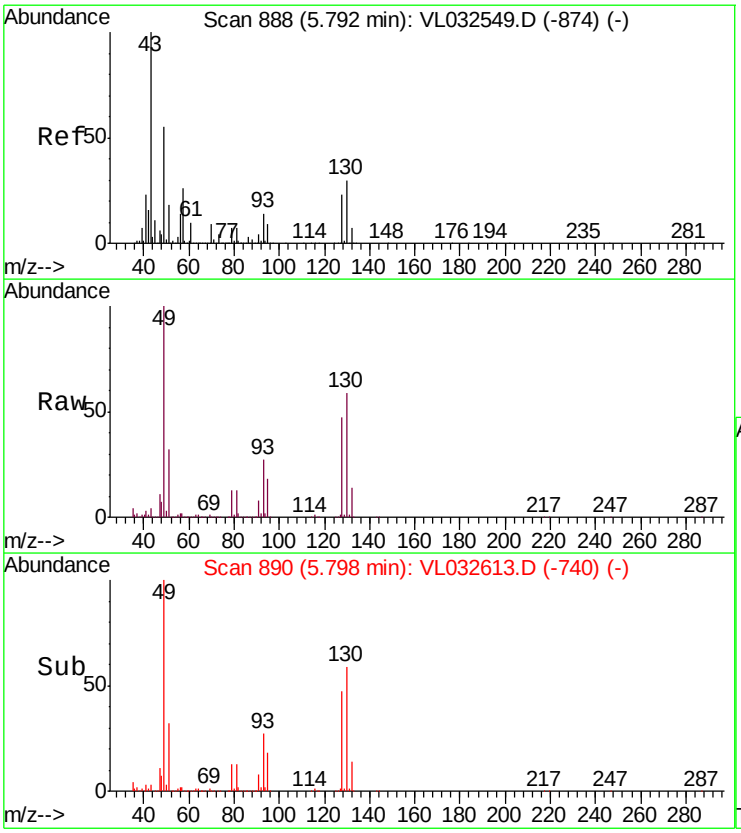
#23
Vinyl Acetate
Concen: 0.324 ppbv
RT: 5.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion: 43 Resp: 74957

Ion	Ratio	Lower	Upper
43	100		
86	9.3	5.9	8.9#
42	15.3	6.9	10.3#
44	4.0	4.6	7.0#

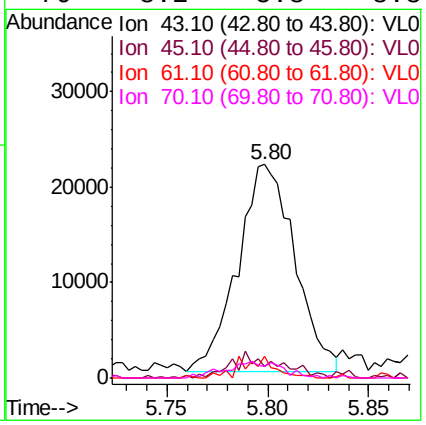


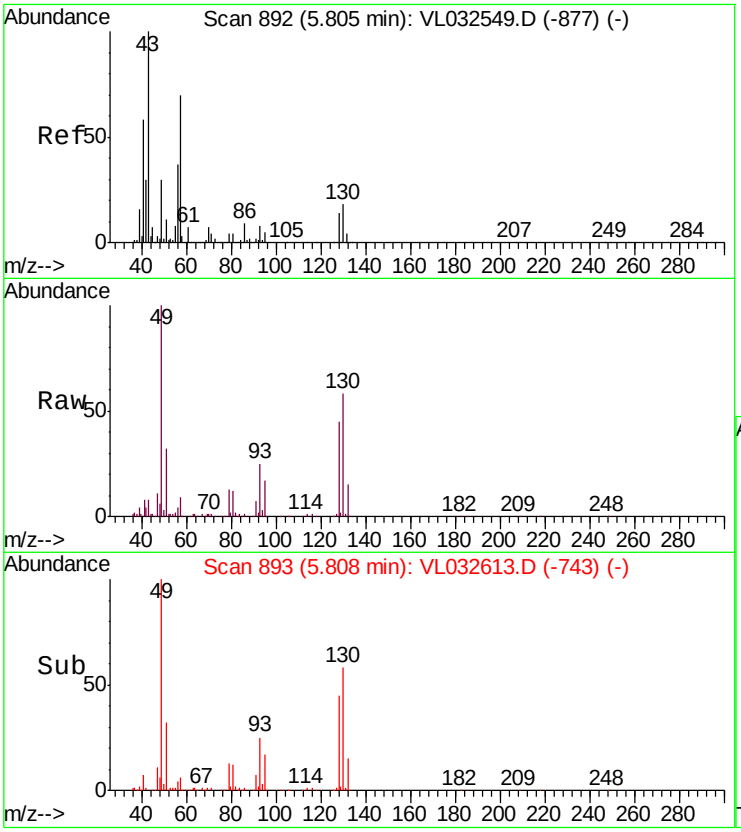


#25
Ethyl Acetate
Concen: 0.136 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 43 Resp: 43132

Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.0	12.0
61	6.4	7.6	11.4#
70	8.2	5.8	8.8



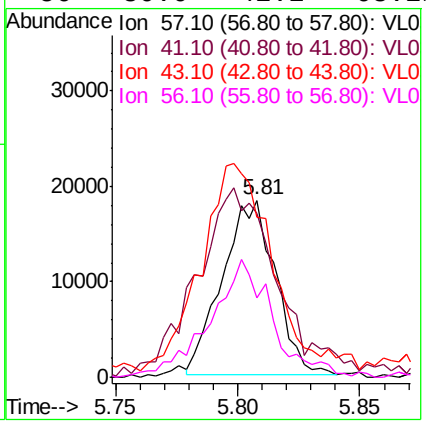


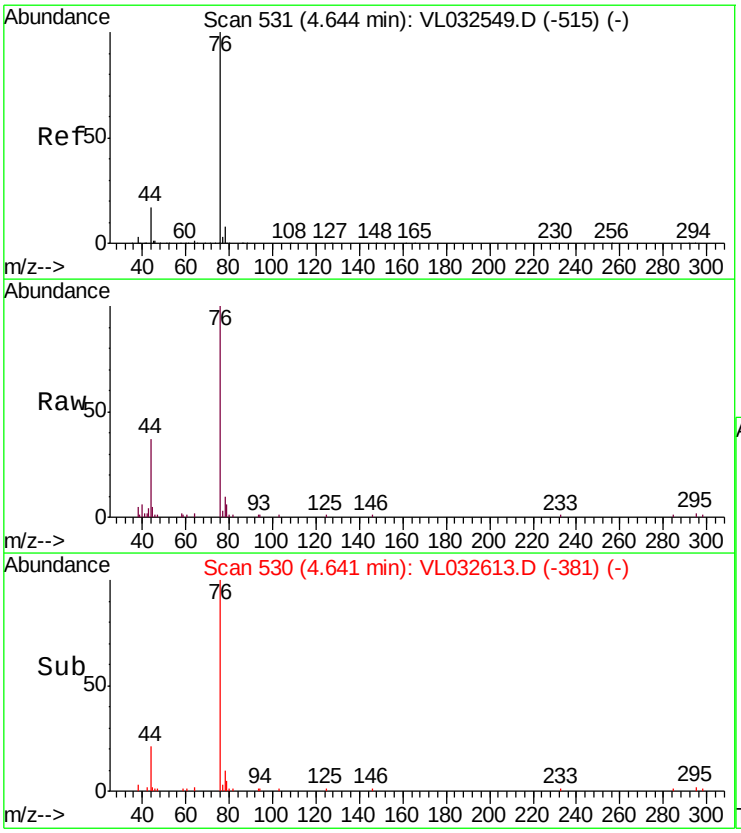
#26
Hexane
Concen: 0.193 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion: 57 Resp: 27659

Ion	Ratio	Lower	Upper
57	100		
41	169.4	69.0	103.4#
43	0.0	172.1	258.1#
56	80.0	42.2	63.2#

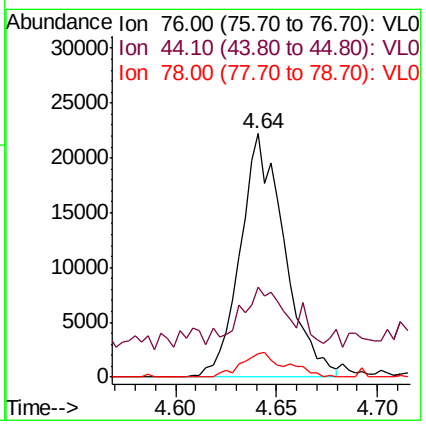


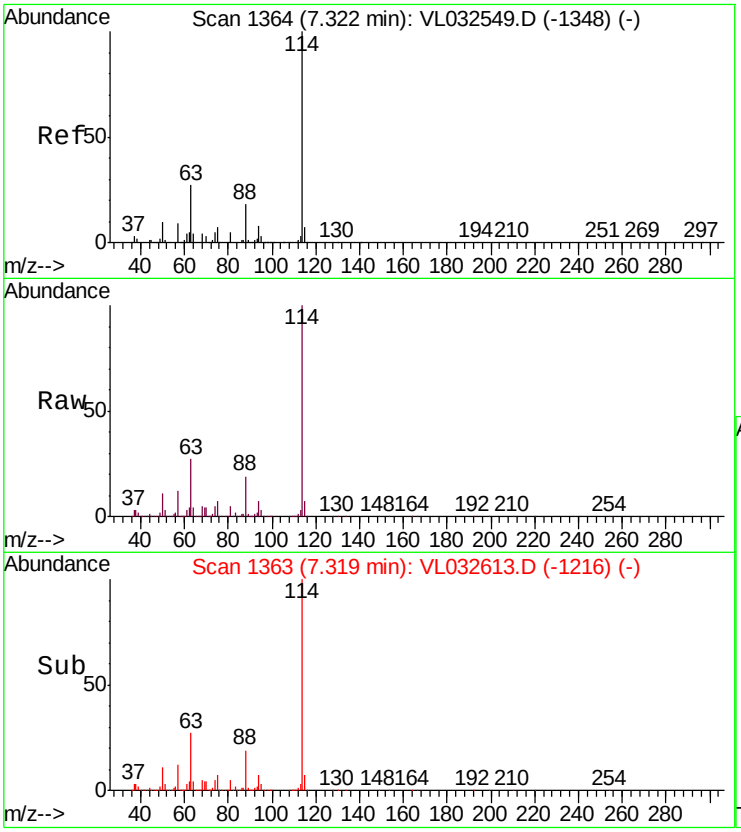


#27
Carbon Disulfide
Concen: 0.221 ppbv
RT: 4.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 76 Resp: 34024

Ion	Ratio	Lower	Upper
76	100		
44	36.7	14.0	21.0#
78	10.8	7.5	11.3



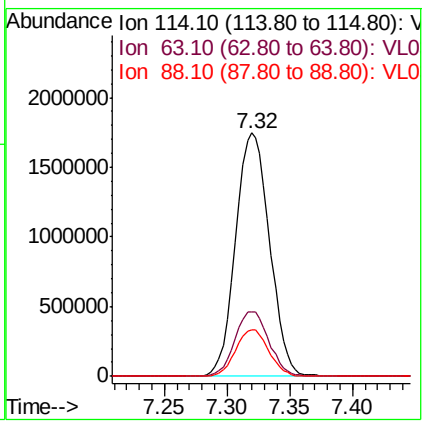


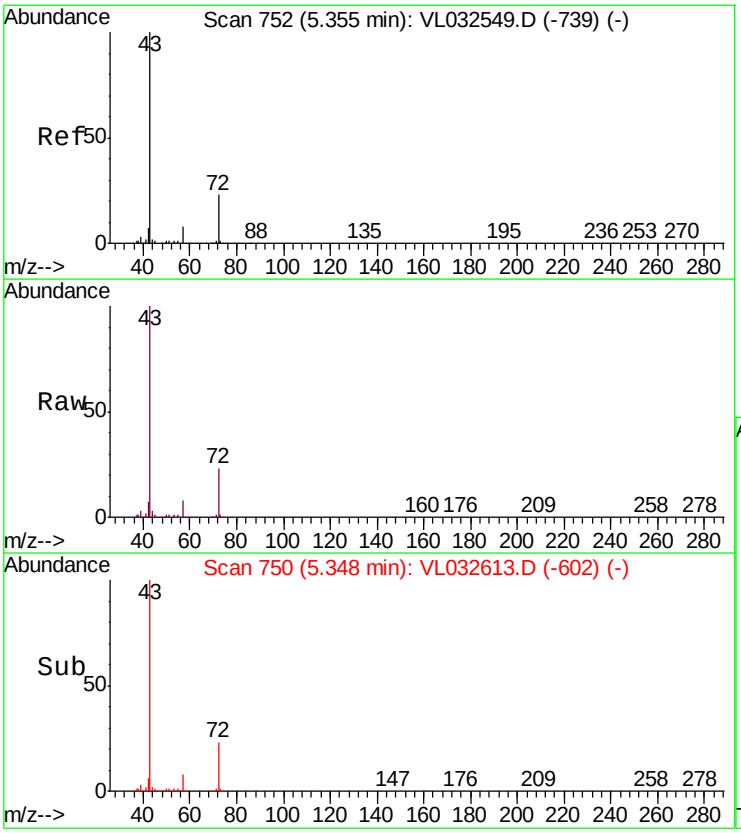
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518DL

Tgt Ion:114 Resp: 3291851

Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.2	33.4
88	18.7	15.0	22.4

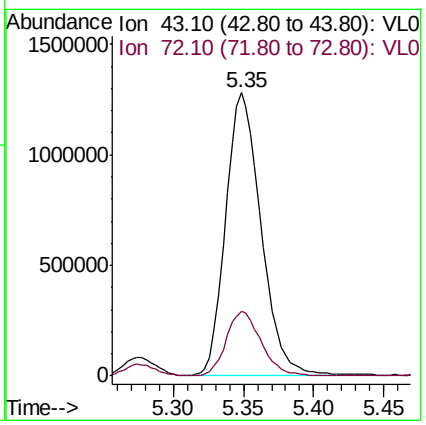


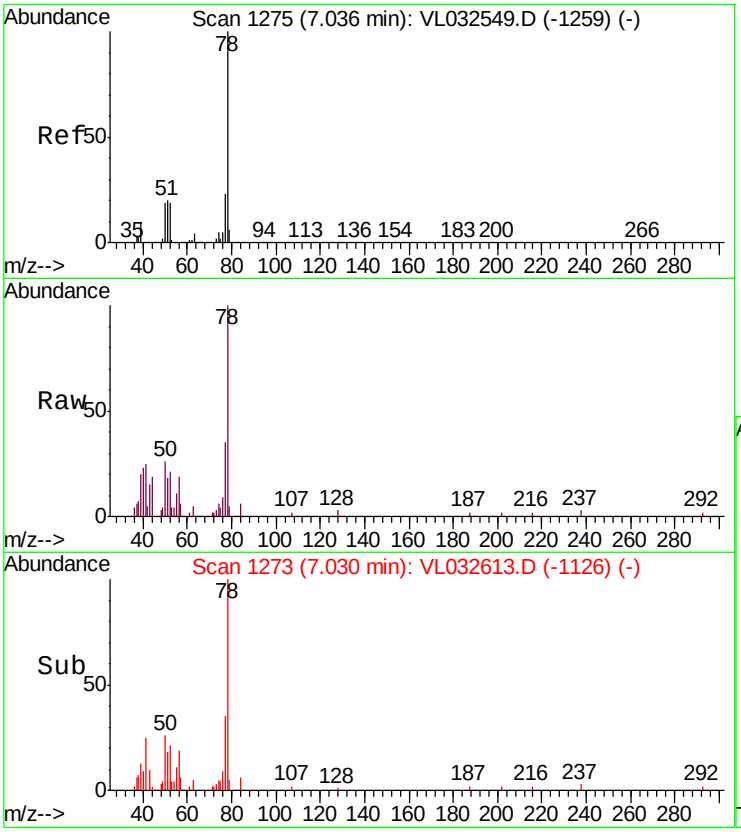


#34
2-Butanone
Concen: 11.376 ppbv
RT: 5.35 min Scan# 750
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 43 Resp: 2229980

Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.8	26.6



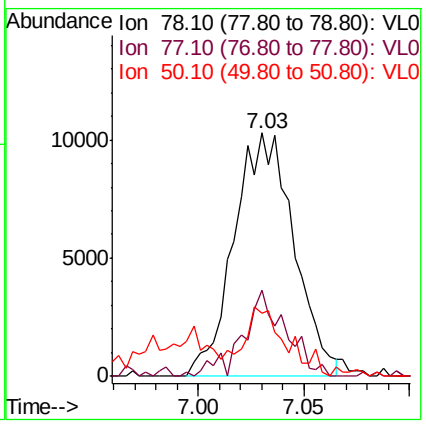


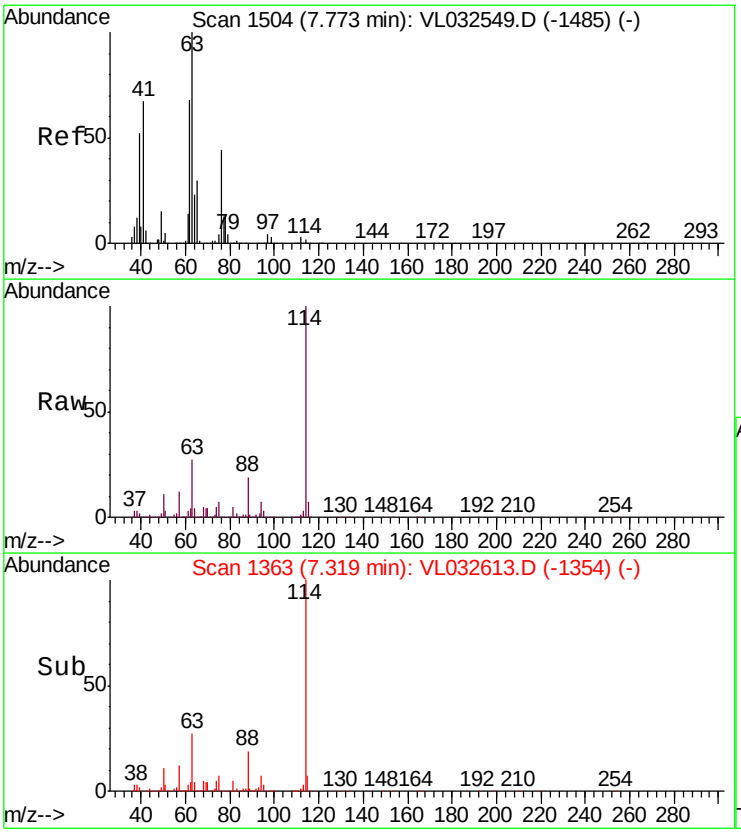
#36
Benzene
Concen: 0.076 ppbv
RT: 7.03 min Scan# 1273
Delta R.T. -0.03 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion: 78 Resp: 20306

Ion	Ratio	Lower	Upper
78	100		
77	35.4	18.4	27.6#
50	22.0	14.4	21.6#

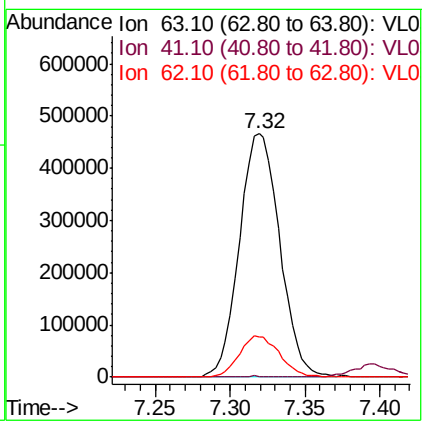


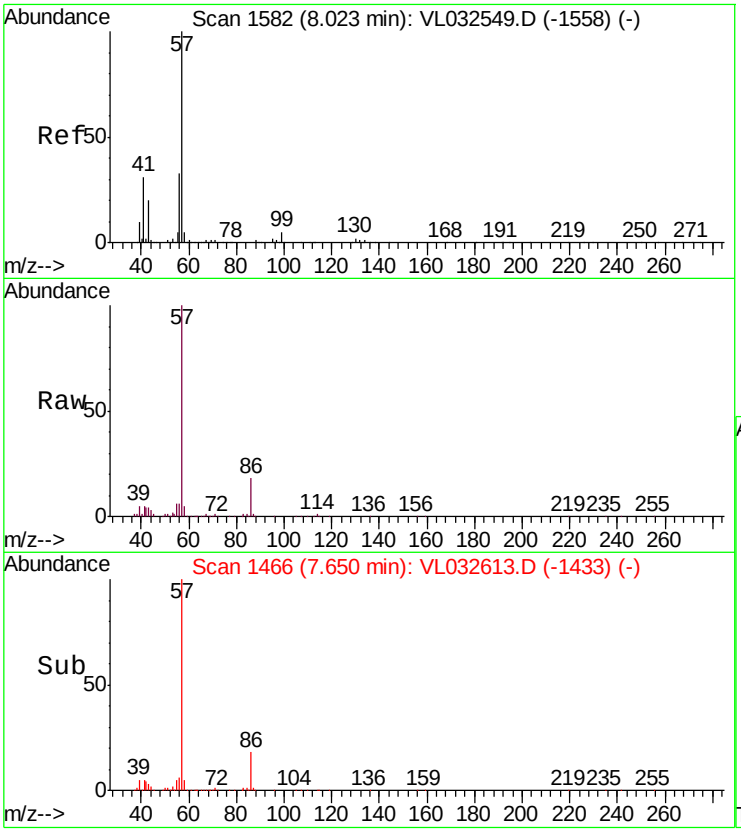


#39
1,2-Dichloropropane
Concen: 7.293 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 63 Resp: 874276

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	16.4	55.4	83.0#



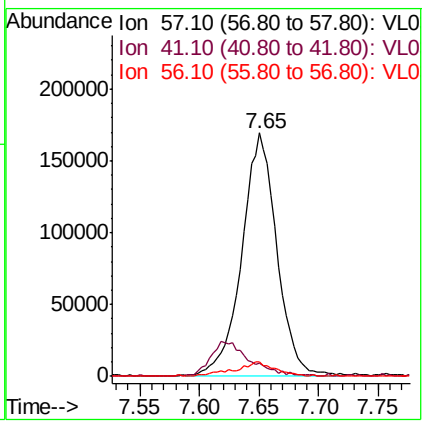


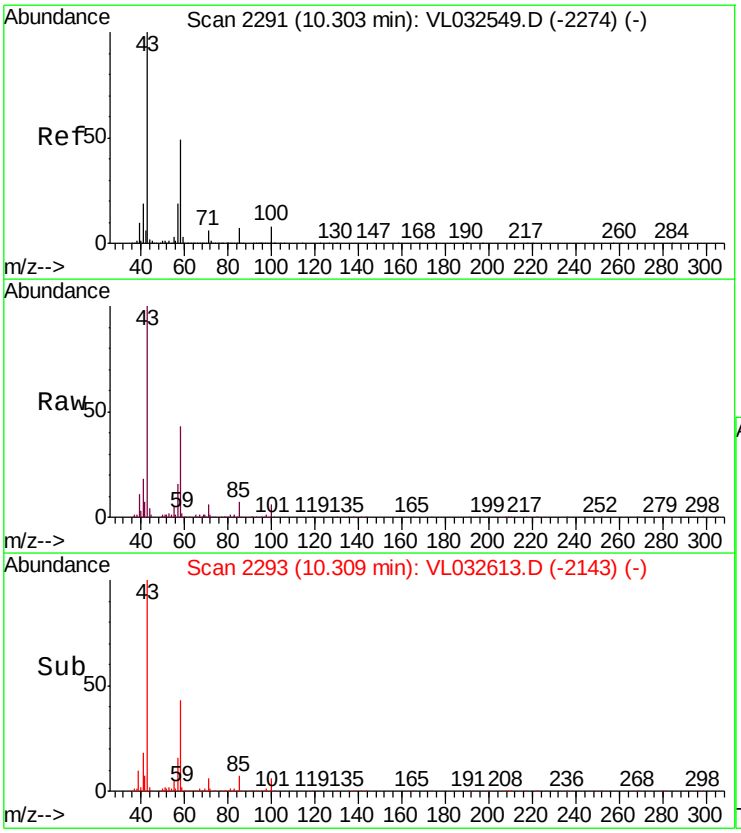
#44
2,2,4-Trimethylpentane
Concen: 0.660 ppbv
RT: 7.65 min Scan# 1466
Delta R.T. -0.39 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion: 57 Resp: 343308

Ion	Ratio	Lower	Upper
57	100		
41	16.7	24.4	36.6#
56	7.1	25.7	38.5#

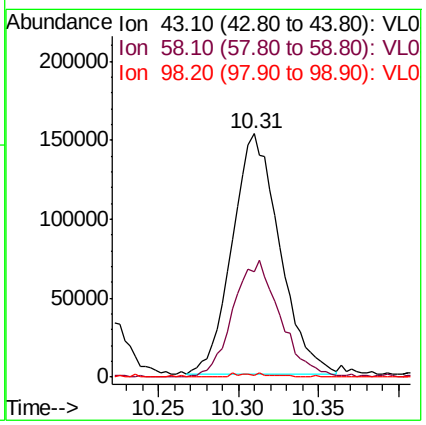


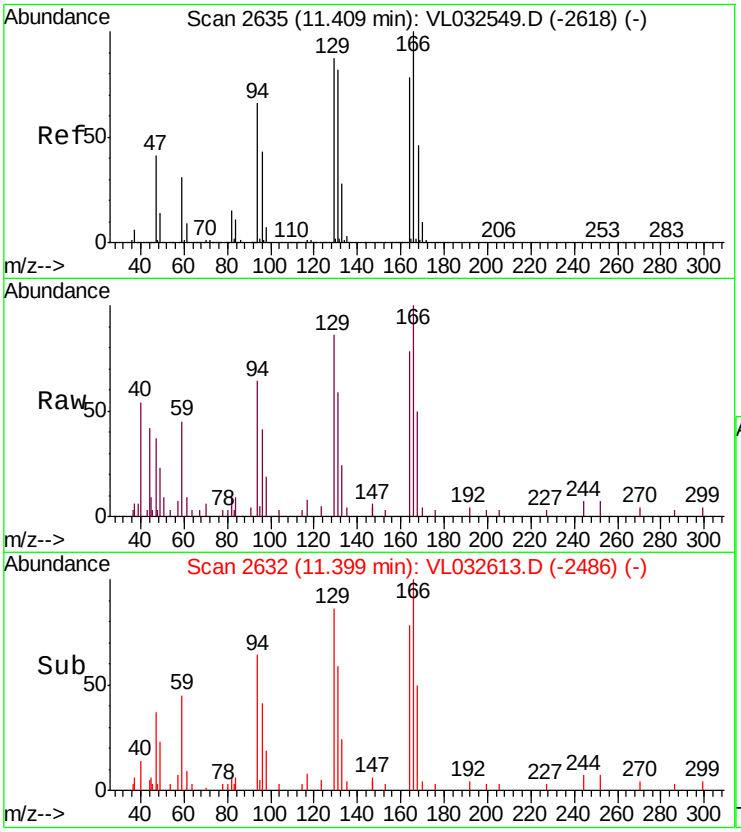


#51
2-Hexanone
Concen: 1.205 ppbv
RT: 10.31 min Scan# 2293
Delta R.T. -0.02 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 43 Resp: 307103

Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.2	58.8
98	1.4	0.4	0.6#



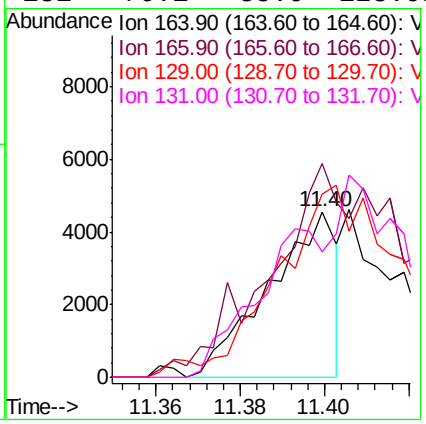


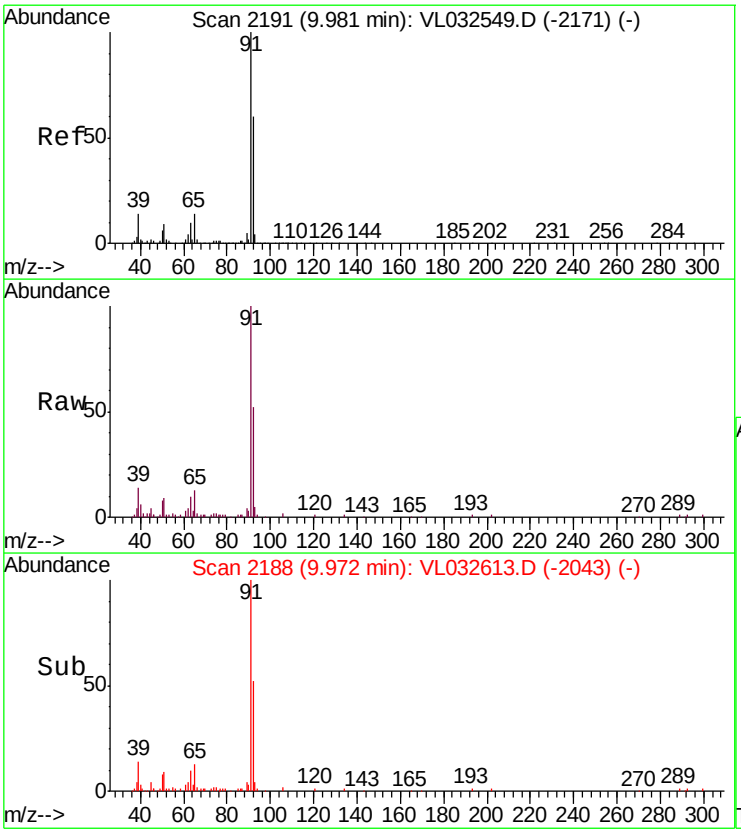
#52
Tetrachloroethene
Concen: 0.055 ppbv
RT: 11.40 min Scan# 2632
Delta R.T. -0.03 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion:164 Resp: 5064

Ion	Ratio	Lower	Upper
164	100		
166	122.1	100.6	150.8
129	100.8	89.9	134.9
131	76.1	85.9	128.9#

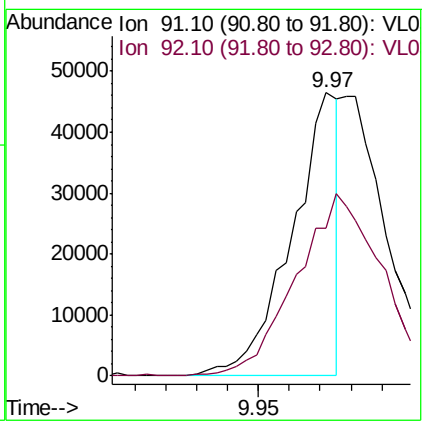


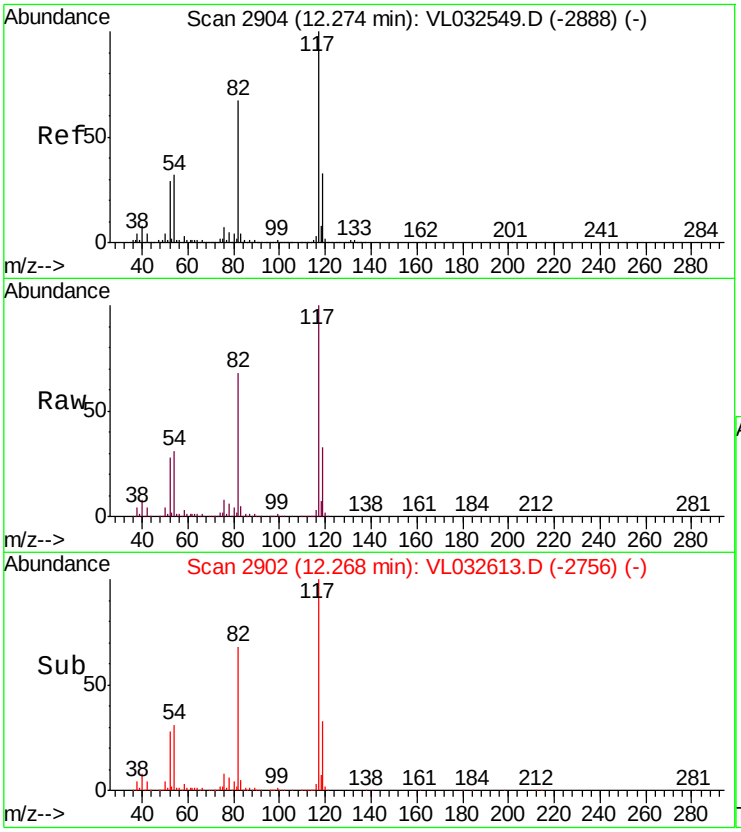


#53
Toluene
Concen: 0.149 ppbv
RT: 9.97 min Scan# 2188
Delta R.T. -0.03 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 91 Resp: 48422

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.1	72.1#



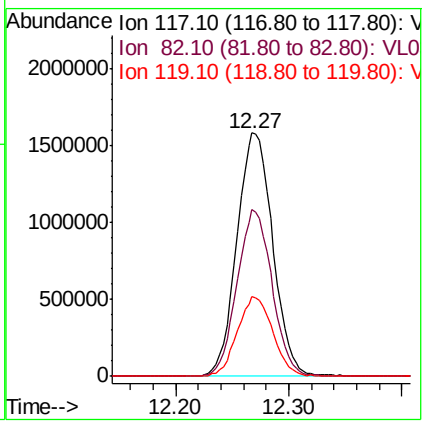


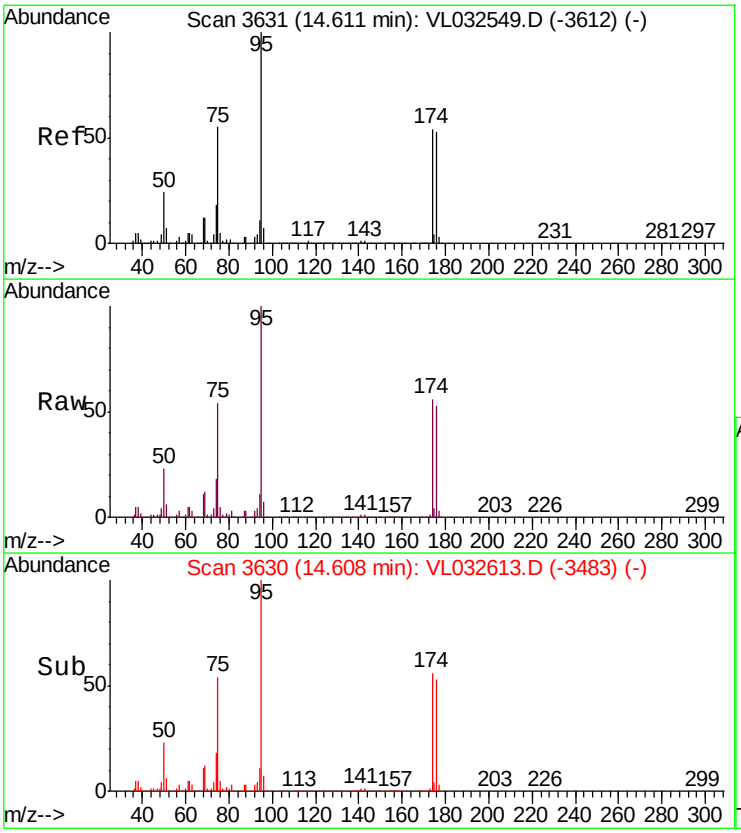
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Instrument : MSVOA_L
ClientSampleId : Q1-SVI-100518DL

Tgt Ion:117 Resp: 3492455

Ion	Ratio	Lower	Upper
117	100		
82	67.4	53.0	79.6
119	32.7	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.535 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032613.D
Acq: 11 Oct 2018 20:46

Tgt Ion: 95 Resp: 2511260

Ion	Ratio	Lower	Upper
95	100		
174	57.8	46.3	69.5
175	4.3	3.4	5.0