Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032445.D
Acq On : 31 Aug 2018 17:43
Operator : SY/AP
Sample : J4472-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Quant Time: Sep 01 02:01:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.80	49	1831816	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.34	114	3485426	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.29	117	3439264	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.63	95	2670863	10.46	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.11	85	89357	0.381	ppbv		100
3) Chlorodifluoromethane	3.04	51	112878	0.681	ppbv	#	91
4) Chloromethane	3.20	50	124736	1.242	ppbv		92
6) Bromomethane	3.55	94	5227	0.100	ppbv		97
7) Chloroethane	3.63	64	4245	0.124	ppbv	#	75
9) Propene	3.06	41	569938	8.521	ppbv		98
10) Heptane	8.30	43	23319	0.097	ppbv		88
11) Trichlorofluoromethane	4.04	101	697888	3.303	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.59	101	10621	0.074	ppbv	#	73
13) Ethanol	3.69	45	588152	28.209	ppbv		96
15) Acetone	3.93	43	3061423	18.559	ppbv		99
16) 1,3-Butadiene	3.37	39	25279	0.326	ppbv	#	27
17) tert-Butyl alcohol	4.41	59	37741	1.487	ppbv	#	100
19) Isopropyl Alcohol	4.07	45	1745188	16.127	ppbv	#	98
20) Methylene Chloride	4.45	84	417650	6.640	ppbv		95
21) Allyl Chloride	4.45	41	8423	0.077	ppbv	#	73
23) Vinyl Acetate	5.20	43	544795	1.992	ppbv	#	94
25) Ethyl Acetate	5.82	43	580343	1.490	ppbv	#	92
26) Hexane	5.82	57	483168	2.770	ppbv	#	62
27) Carbon Disulfide	4.66	76	16507	0.103	ppbv	#	74
29) Chloroform	5.89	83	61775	0.232	ppbv		84
34) 2-Butanone	5.37	43	1002512	4.330	ppbv		99
36) Benzene	7.05	78	239786	0.808	ppbv		99
38) Trichloroethene	8.01	130	50954	0.452	ppbv		95
39) 1,2-Dichloropropane	7.34	63	951373	7.497	ppbv	#	25
44) 2,2,4-Trimethylpentane	8.04	57	49813	0.087	ppbv	#	9
50) 4-Methyl-2-Pentanone	8.93	43	124546	0.357	ppbv		91
51) 2-Hexanone	10.32	43	76995	0.343	ppbv	#	55
52) Tetrachloroethene	11.42	164	99815	1.085	ppbv		89
53) Toluene	10.00	91	1023114	3.300	ppbv		99
58) Ethyl Benzene	12.91	91	37521	0.091	ppbv		97
59) m/p-Xylene	13.20	91	60493	0.165	ppbv	#	31
60) o-Xylene	13.90	91	109868	0.305	ppbv		99
61) Styrene	13.74	104	23245	0.100	ppbv	#	8
69) p-Isopropyltoluene	17.86	119	21754	0.043	ppbv	#	42
71) 2-Chlorotoluene	15.77	91	28857	0.075	ppbv	#	45
72) 4-Ethyltoluene	16.05	105	26737	0.068	ppbv	#	72
73) 1,3,5-Trimethylbenzene	16.21	105	22112	0.056	ppbv		90
74) 1,2,4-Trimethylbenzene	16.97	105	94908	0.220	ppbv	#	73
75) 1,3-Dichlorobenzene	17.37	146	8285677	32.398	ppbv		99
76) 1,4-Dichlorobenzene	17.37	146	8285677	34.917	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032445.D
Acq On : 31 Aug 2018 17:43
Operator : SY/AP
Sample : J4472-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Quant Time: Sep 01 02:01:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.46	128	21394	0.061	ppbv #	90
80) Naphthalene,2-methyl-	25.15	142	5417	0.058	ppbv	93

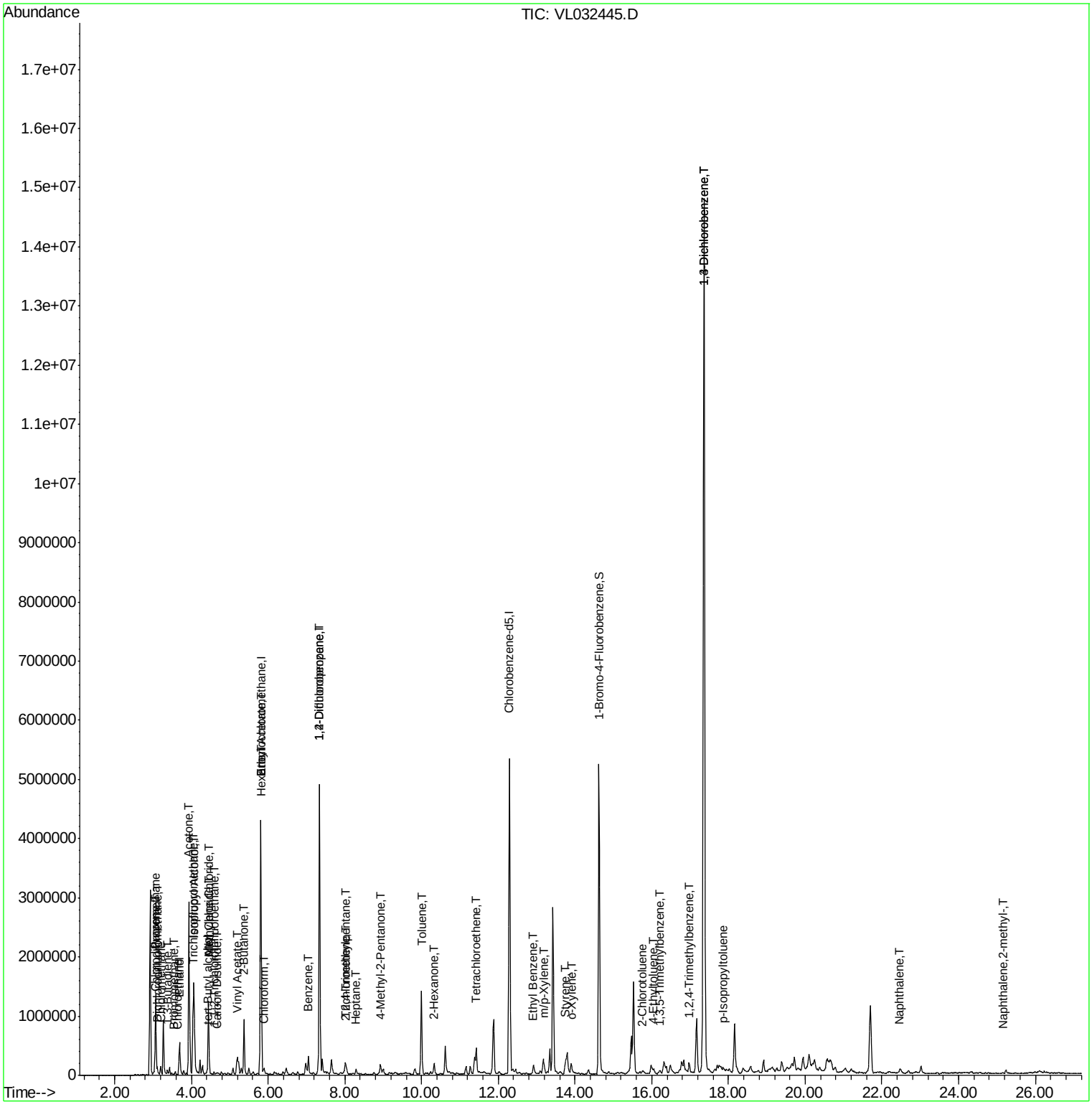
(#) = qualifier out of range (m) = manual integration (+) = signals summed

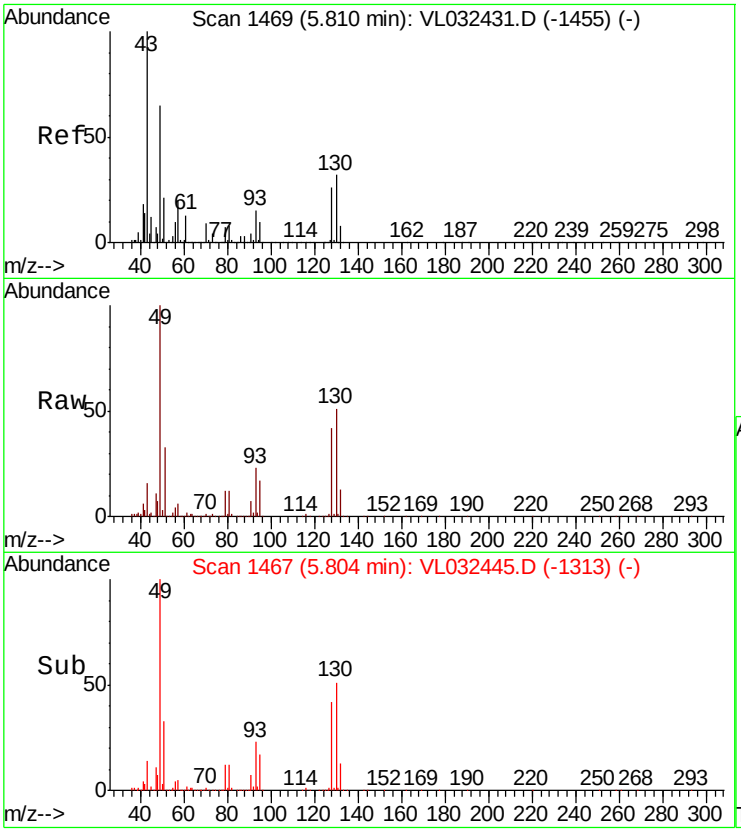
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032445.D
Acq On : 31 Aug 2018 17:43
Operator : SY/AP
Sample : J4472-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Quant Time: Sep 01 02:01:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration



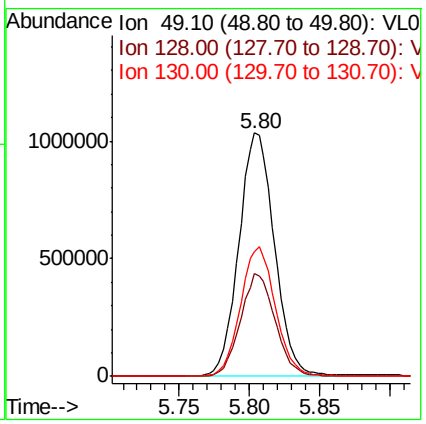


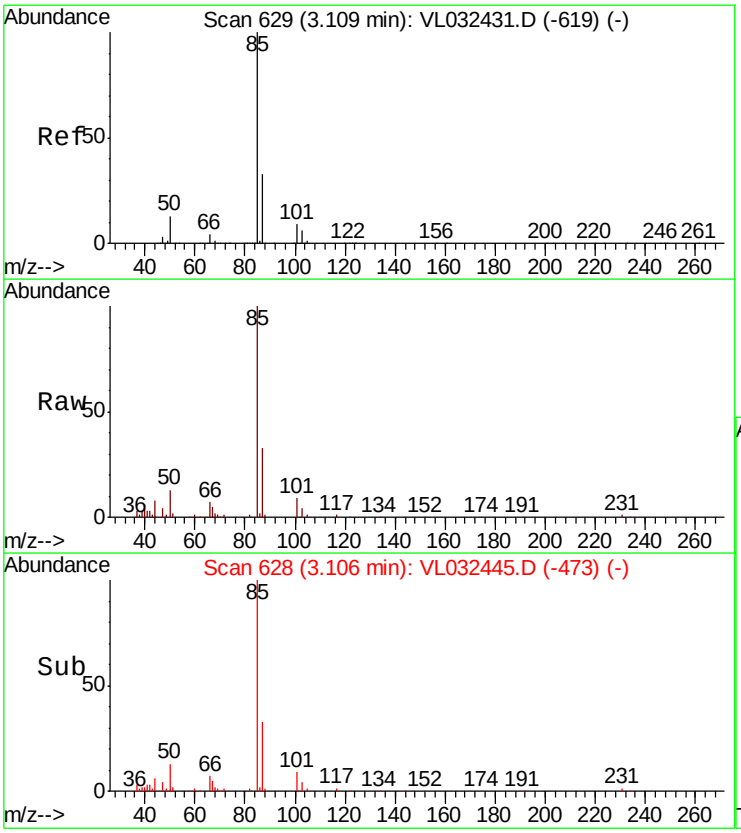
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.80 min Scan# 1467
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion: 49 Resp: 1831816

Ion	Ratio	Lower	Upper
49	100		
128	41.4	20.7	62.1
130	52.7	26.6	79.7

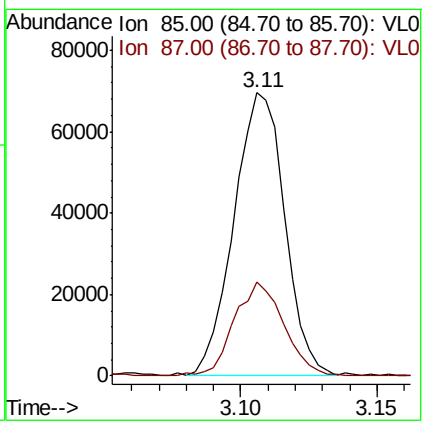


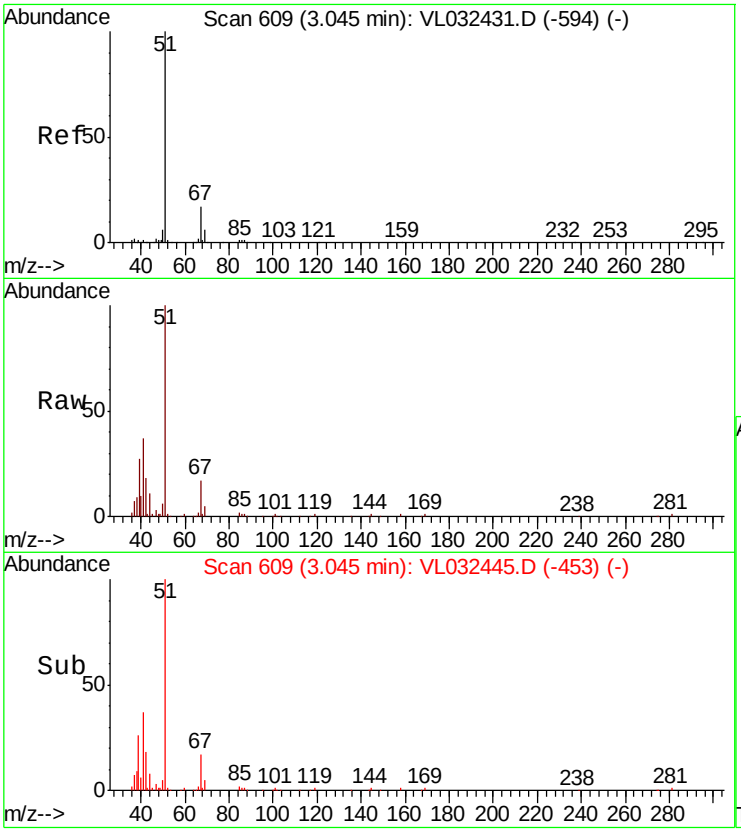


#2
Dichlorodifluoromethane
Concen: 0.381 ppbv
RT: 3.11 min Scan# 628
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 85 Resp: 89357

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.2	39.4



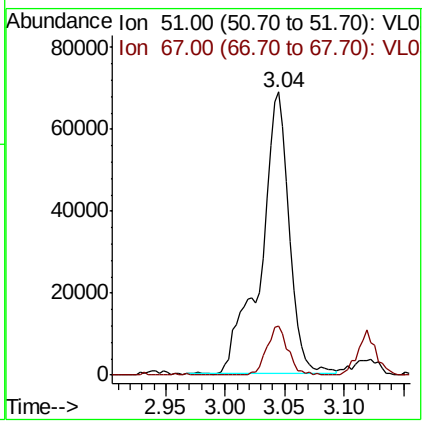


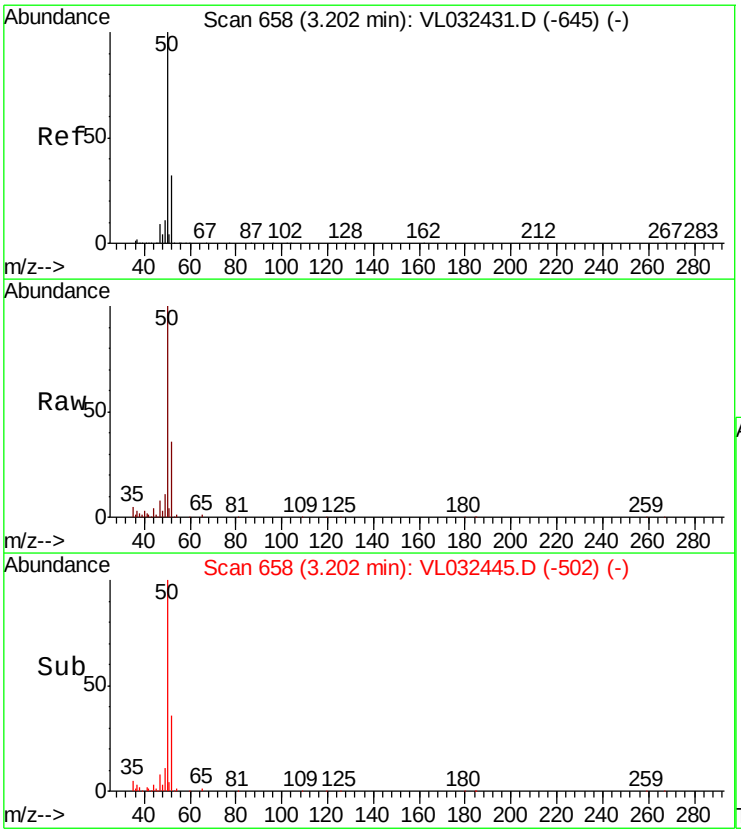
#3
Chlorodifluoromethane
Concen: 0.681 ppbv
RT: 3.04 min Scan# 609
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion: 51 Resp: 112878

Ion	Ratio	Lower	Upper
51	100		
67	13.2	13.8	20.8#

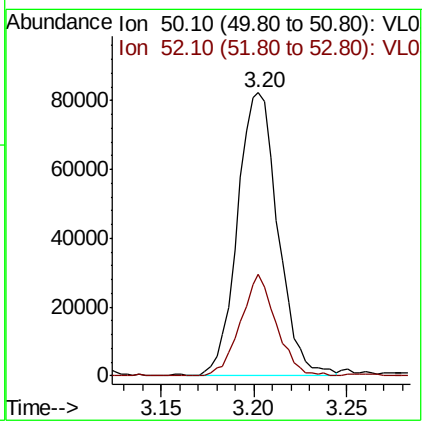


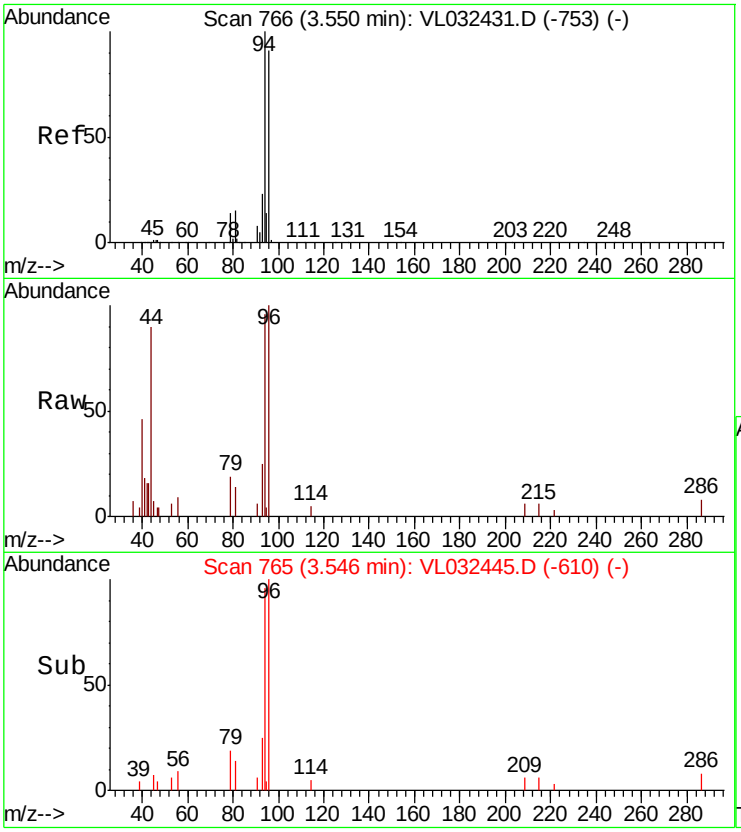


#4
Chloromethane
Concen: 1.242 ppbv
RT: 3.20 min Scan# 658
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 50 Resp: 124736

Ion	Ratio	Lower	Upper
50	100		
52	36.5	25.6	38.4



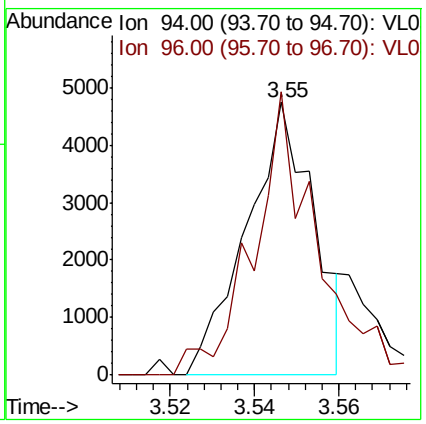


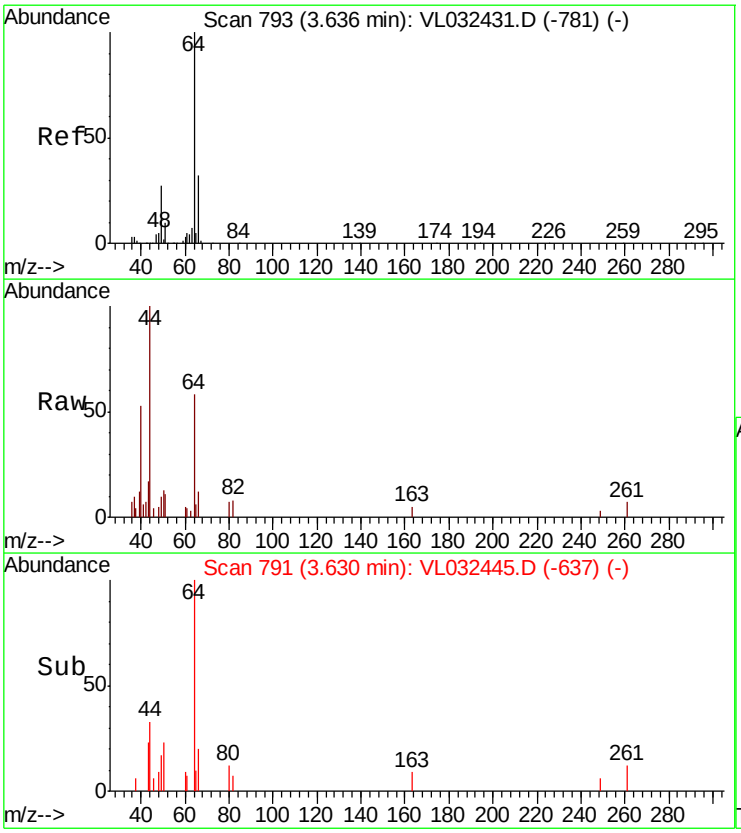
#6
Bromomethane
Concen: 0.100 ppbv
RT: 3.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion: 94 Resp: 5227

Ion	Ratio	Lower	Upper
94	100		
96	94.1	72.8	109.2

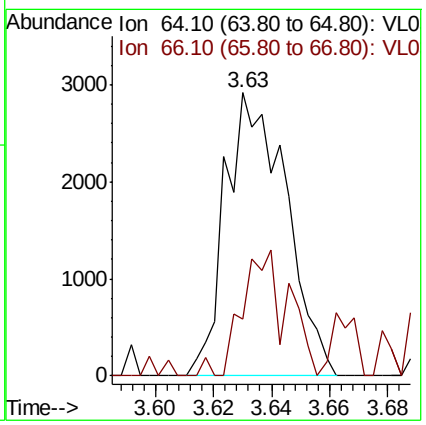


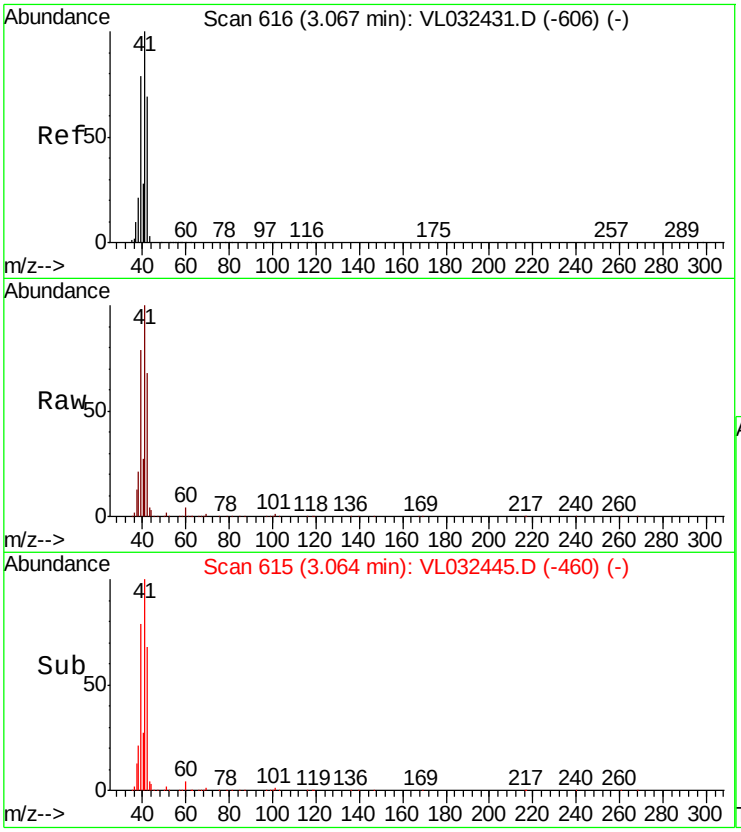


#7
Chloroethane
Concen: 0.124 ppbv
RT: 3.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 64 Resp: 4245

Ion	Ratio	Lower	Upper
64	100		
66	18.3	25.8	38.6#



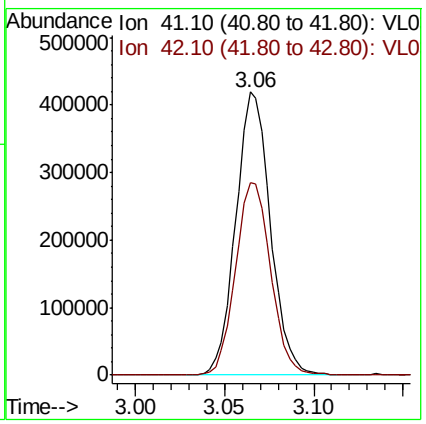


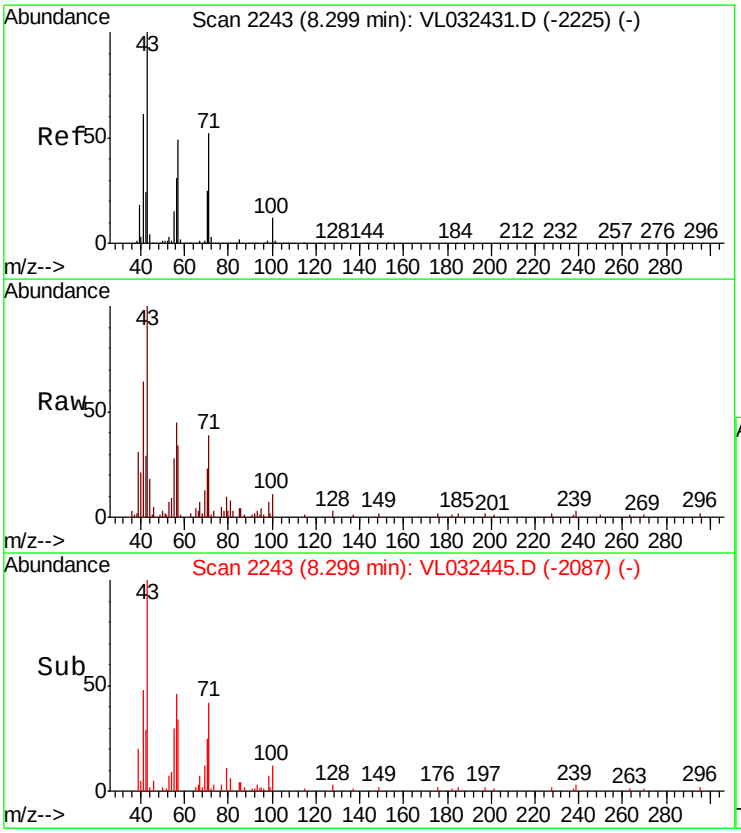
#9
Propene
Concen: 8.521 ppbv
RT: 3.06 min Scan# 615
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion: 41 Resp: 569938

Ion	Ratio	Lower	Upper
41	100		
42	69.5	56.6	84.8

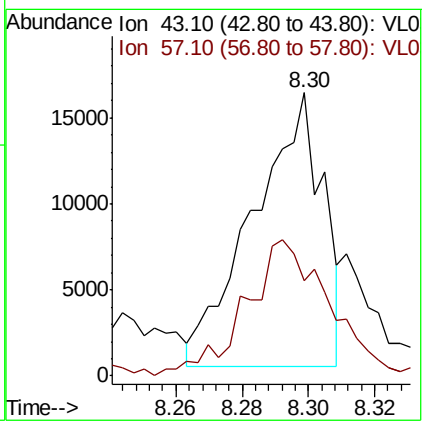


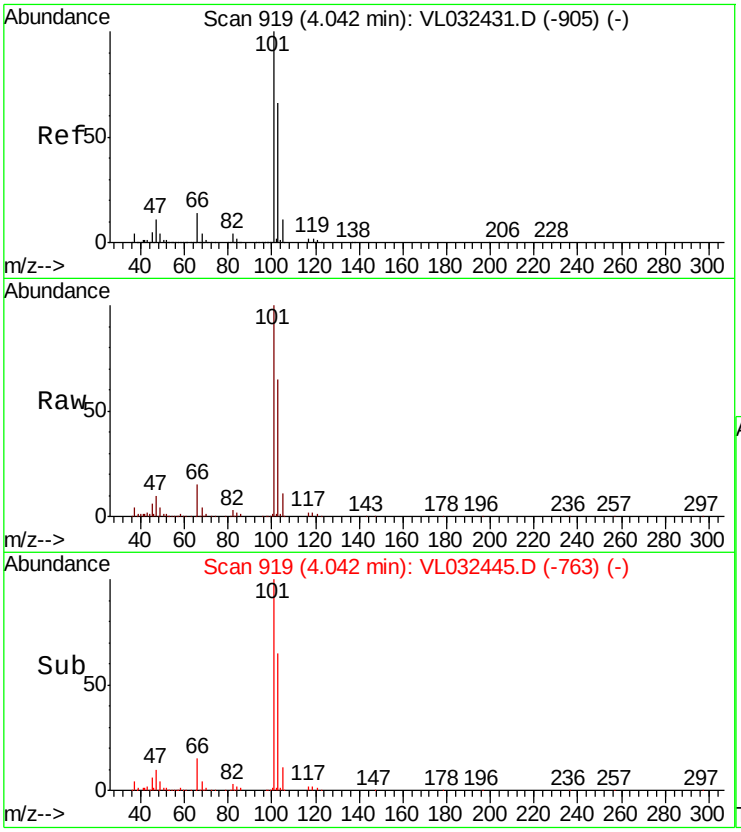


#10
Heptane
Concen: 0.097 ppbv
RT: 8.30 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 43 Resp: 23319

Ion	Ratio	Lower	Upper
43	100		
57	57.8	39.6	59.4



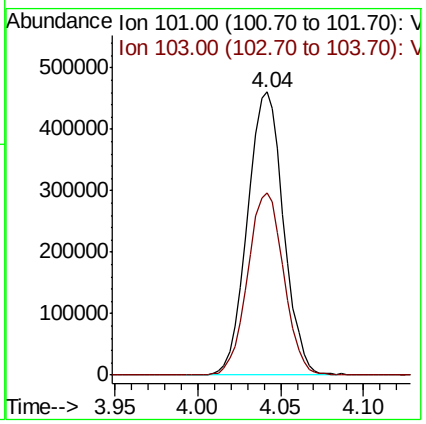


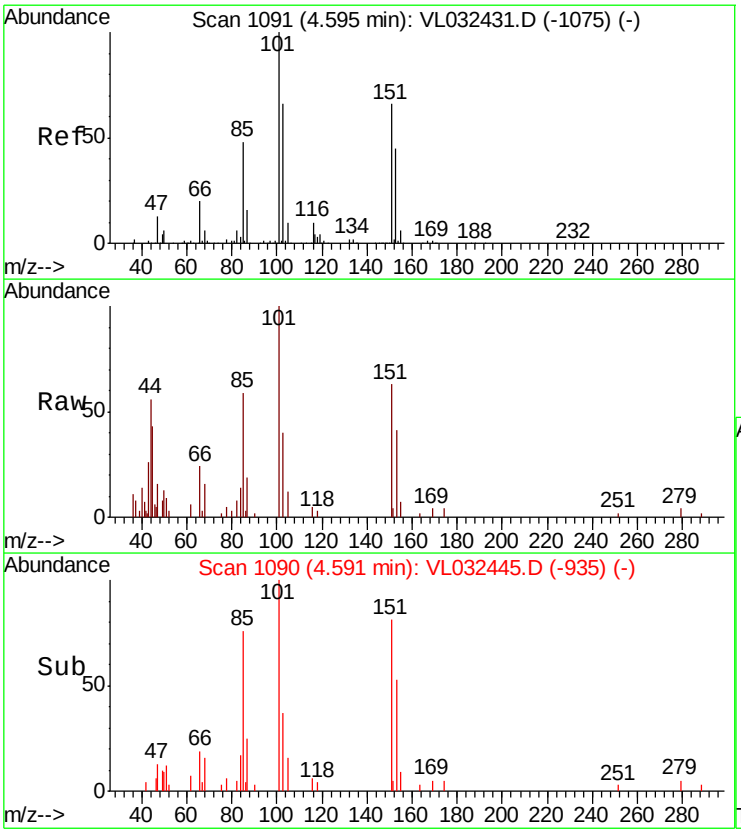
#11
Trichlorofluoromethane
Concen: 3.303 ppbv
RT: 4.04 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:101 Resp: 697888

Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.8	79.2

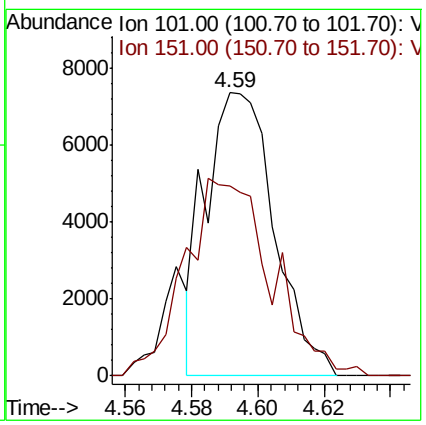


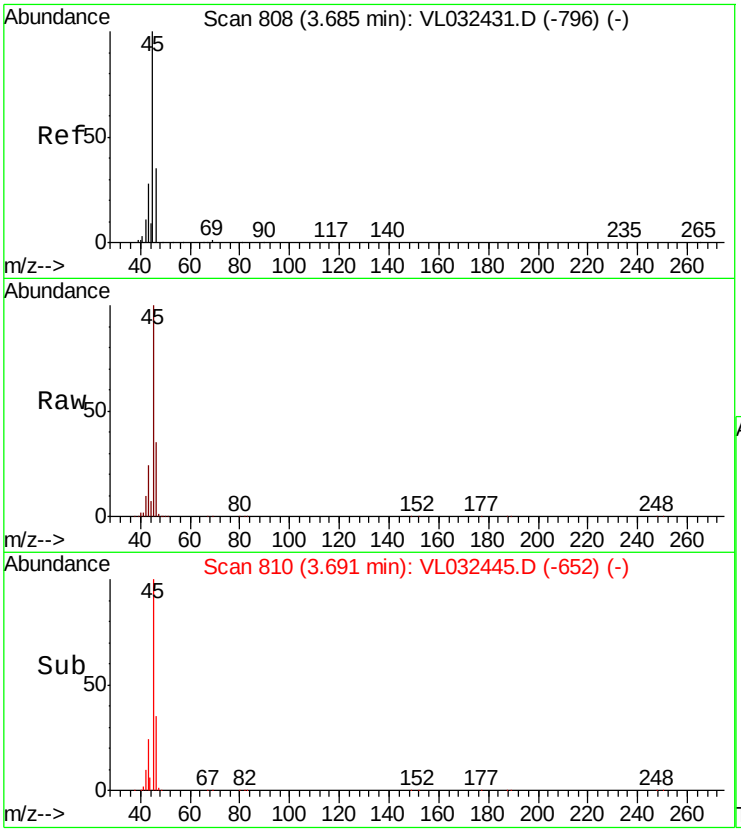


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.074 ppbv
RT: 4.59 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion:101 Resp: 10621

Ion	Ratio	Lower	Upper
101	100		
151	87.1	52.6	78.8#



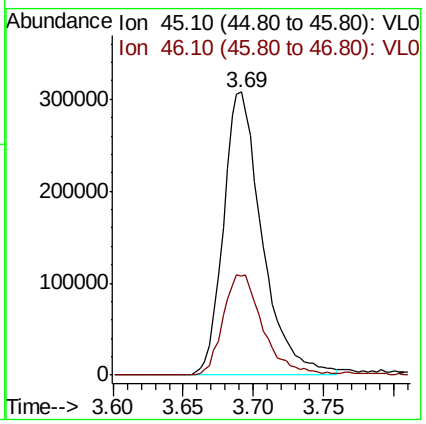


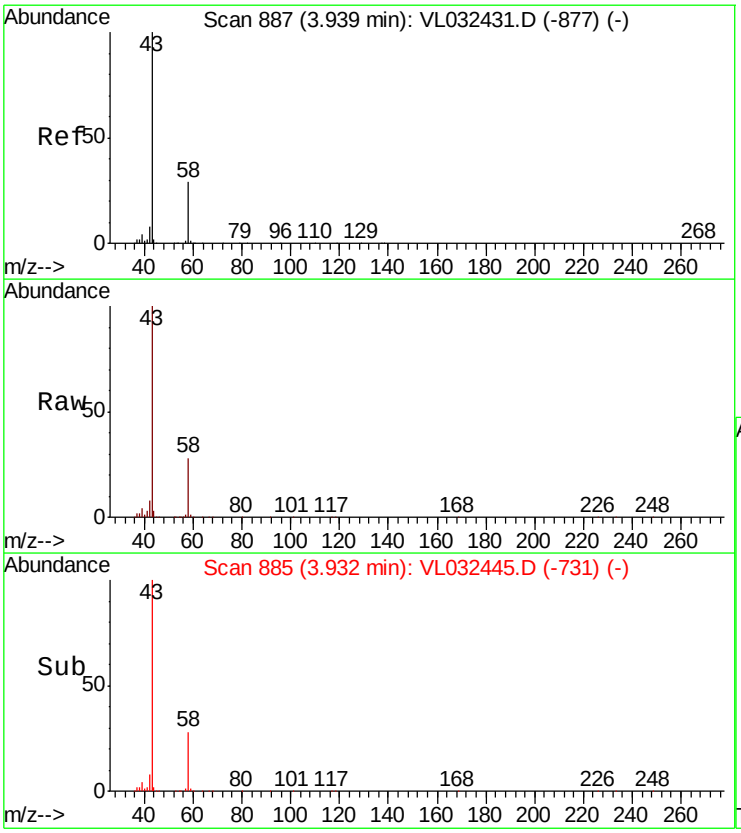
#13
Ethanol
Concen: 28.209 ppbv
RT: 3.69 min Scan# 810
Delta R.T. 0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Tgt Ion: 45 Resp: 588152

Ion	Ratio	Lower	Upper
45	100		
46	37.6	14.2	56.8

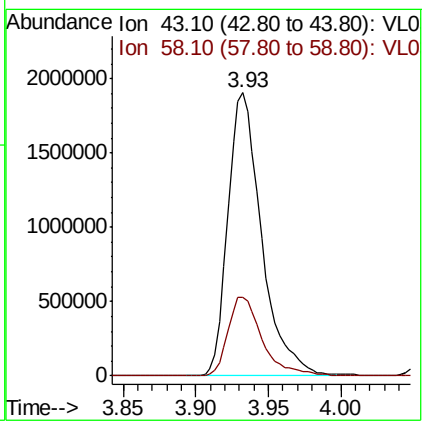


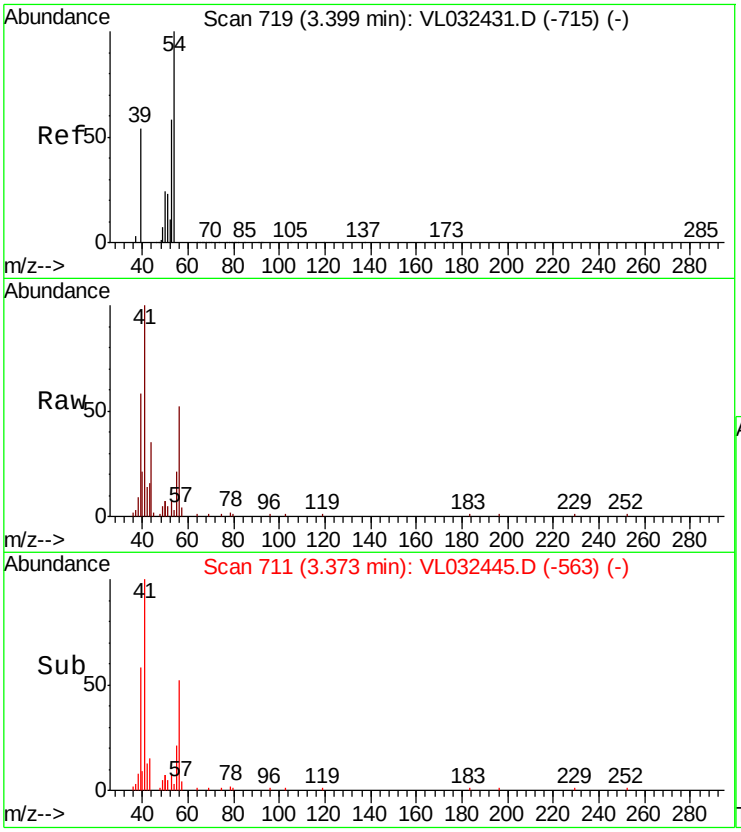


#15
Acetone
Concen: 18.559 ppbv
RT: 3.93 min Scan# 885
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 43 Resp: 3061423

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.6	33.8



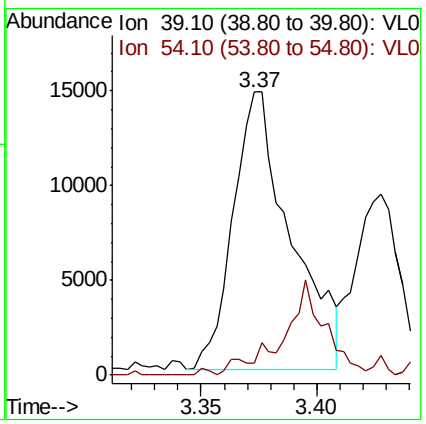


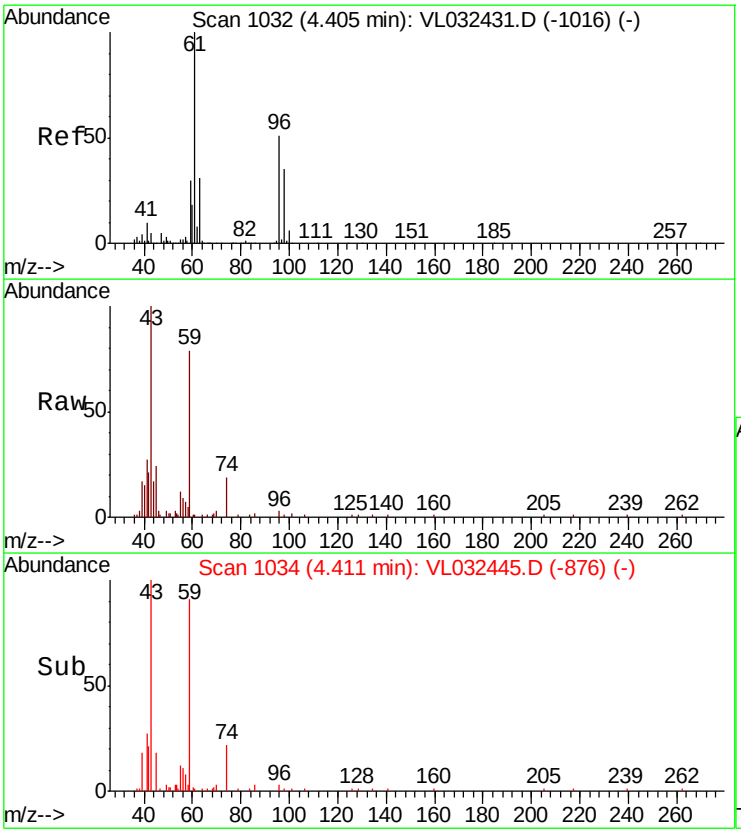
#16
1,3-Butadiene
Concen: 0.326 ppbv
RT: 3.37 min Scan# 711
Delta R.T. -0.03 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion: 39 Resp: 25279

Ion	Ratio	Lower	Upper
39	100		
54	27.5	80.8	121.2#

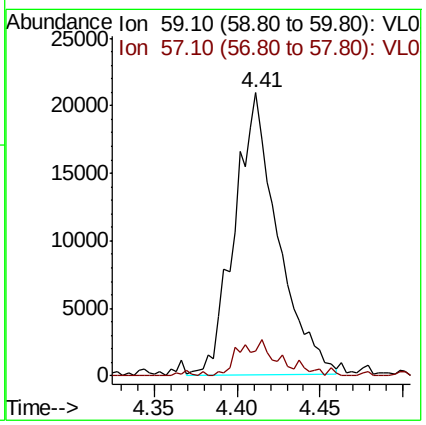


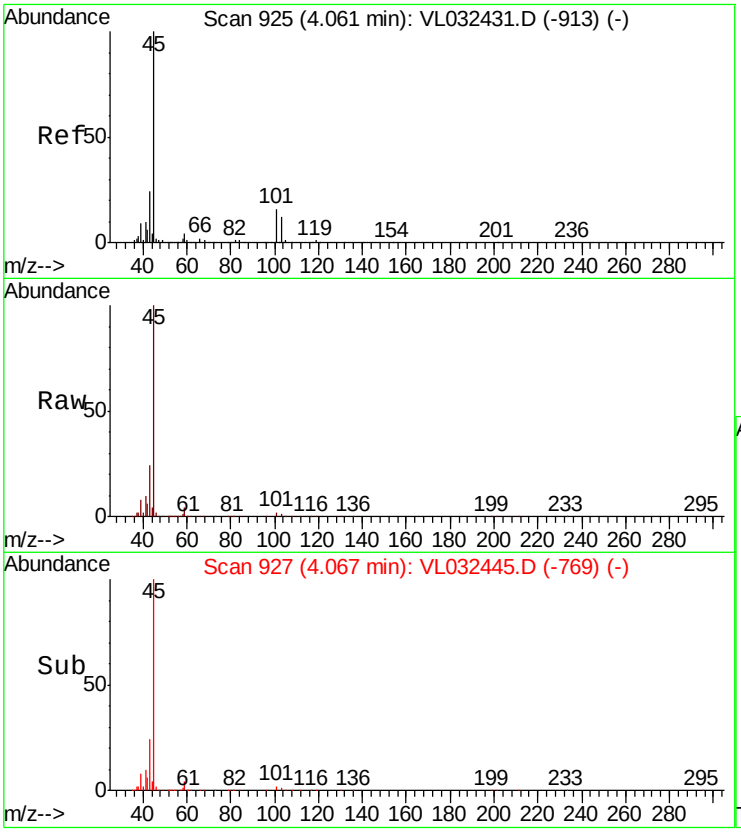


#17
tert-Butyl alcohol
Concen: 1.487 ppbv
RT: 4.41 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 59 Resp: 37741

Ion	Ratio	Lower	Upper
59	100		
57	12.3	0.0	0.0#



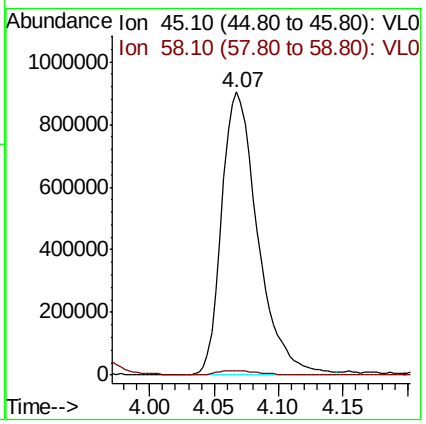


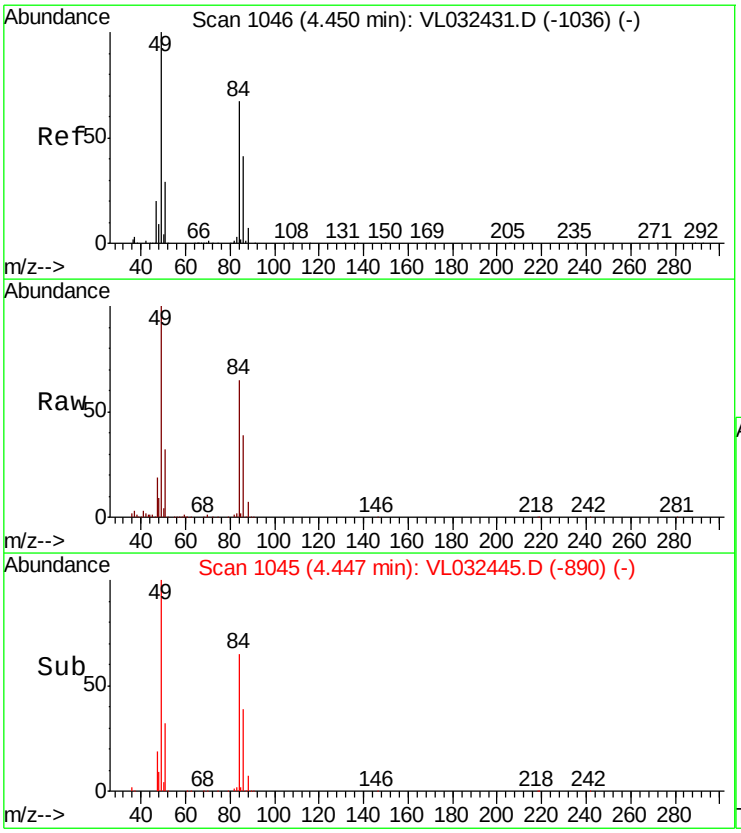
#19
Isopropyl Alcohol
Concen: 16.127 ppbv
RT: 4.07 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Tgt Ion: 45 Resp: 1745188

Ion	Ratio	Lower	Upper
45	100		
58	1.9	2.0	3.0#

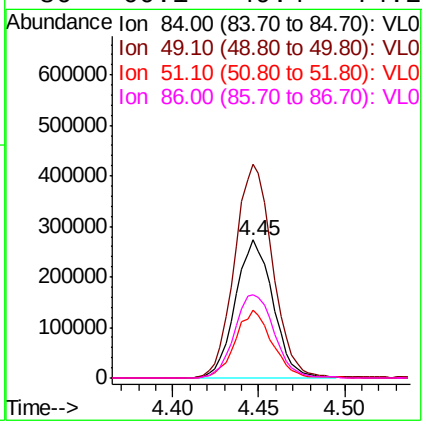


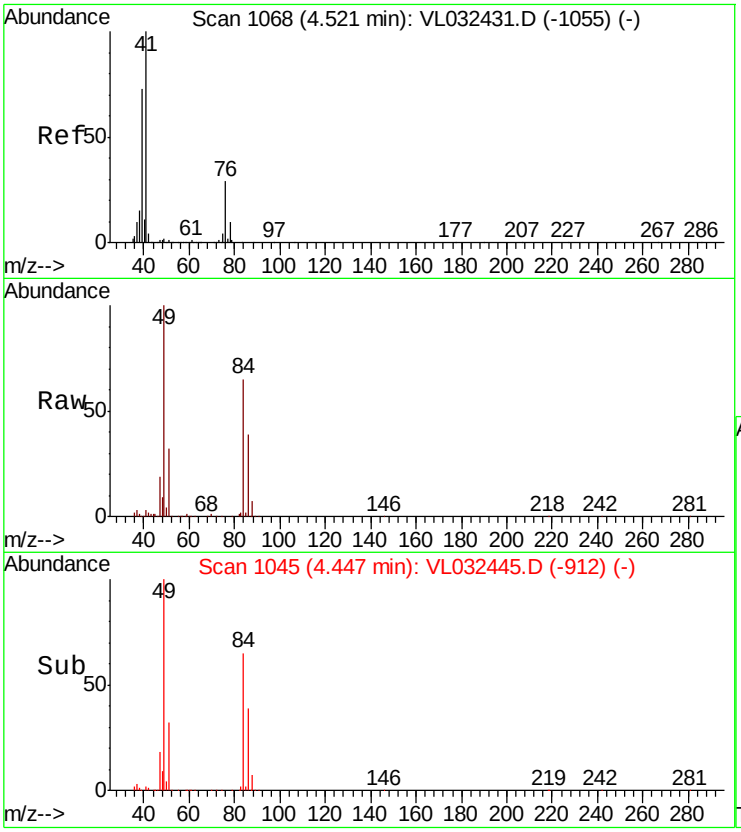


#20
Methylene Chloride
Concen: 6.640 ppbv
RT: 4.45 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 84 Resp: 417650

Ion	Ratio	Lower	Upper
84	100		
49	154.7	119.1	178.7
51	49.0	35.2	52.8
86	60.1	49.4	74.2



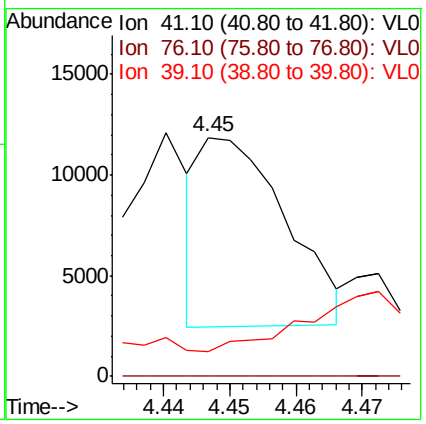


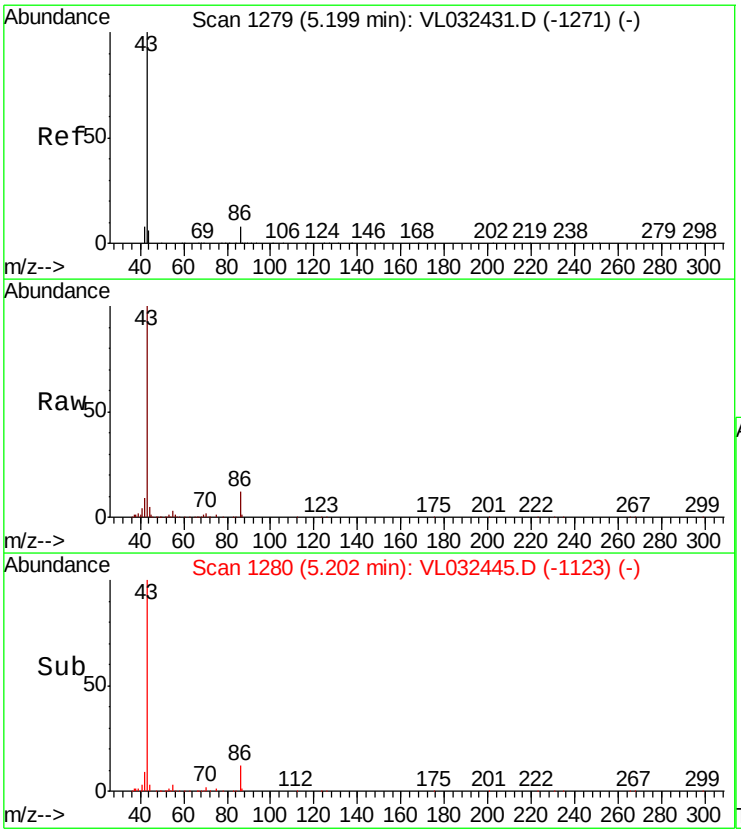
#21
Allyl Chloride
Concen: 0.077 ppbv
RT: 4.45 min Scan# 1045
Delta R.T. -0.07 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Tgt Ion: 41 Resp: 8423

Ion	Ratio	Lower	Upper
41	100		
76	8.5	23.6	35.4#
39	90.9	57.7	86.5#

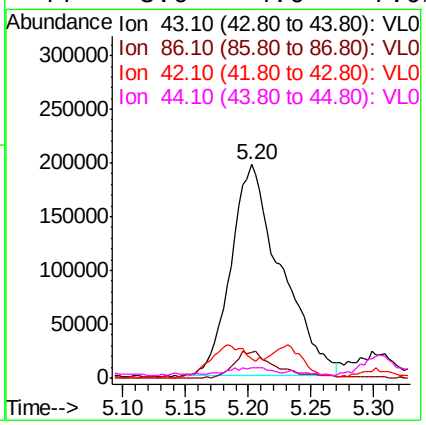


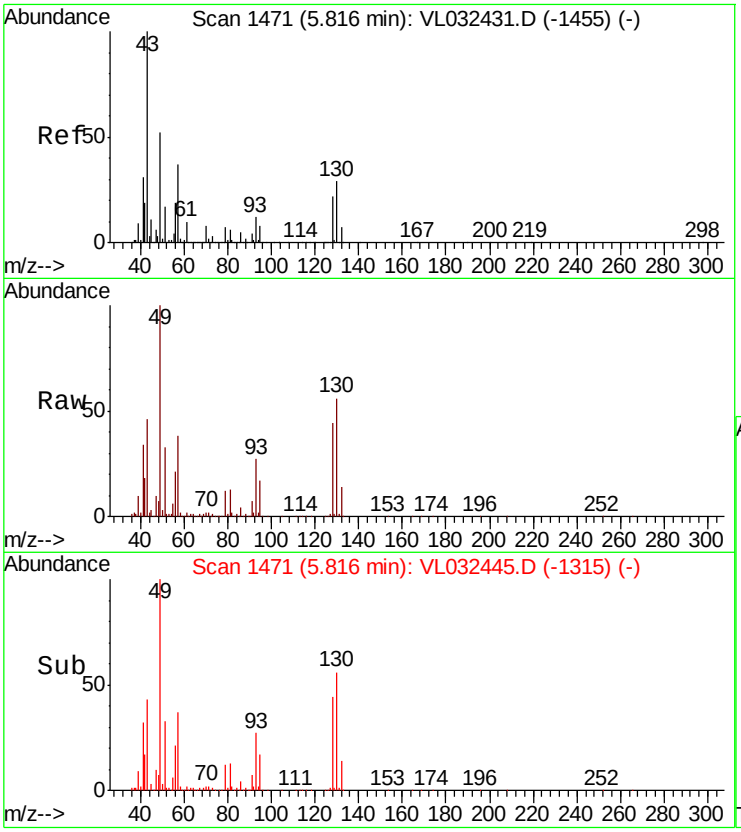


#23
Vinyl Acetate
Concen: 1.992 ppbv
RT: 5.20 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 43 Resp: 544795

Ion	Ratio	Lower	Upper
43	100		
86	12.0	5.9	8.9#
42	8.8	6.9	10.3
44	3.6	4.6	7.0#



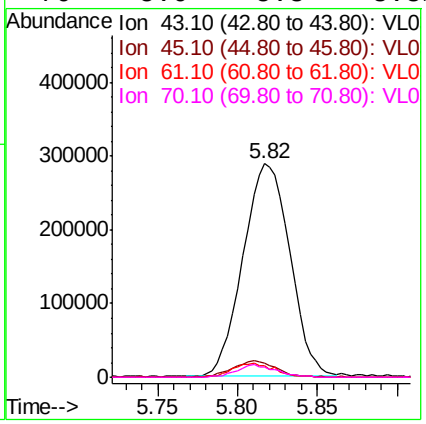


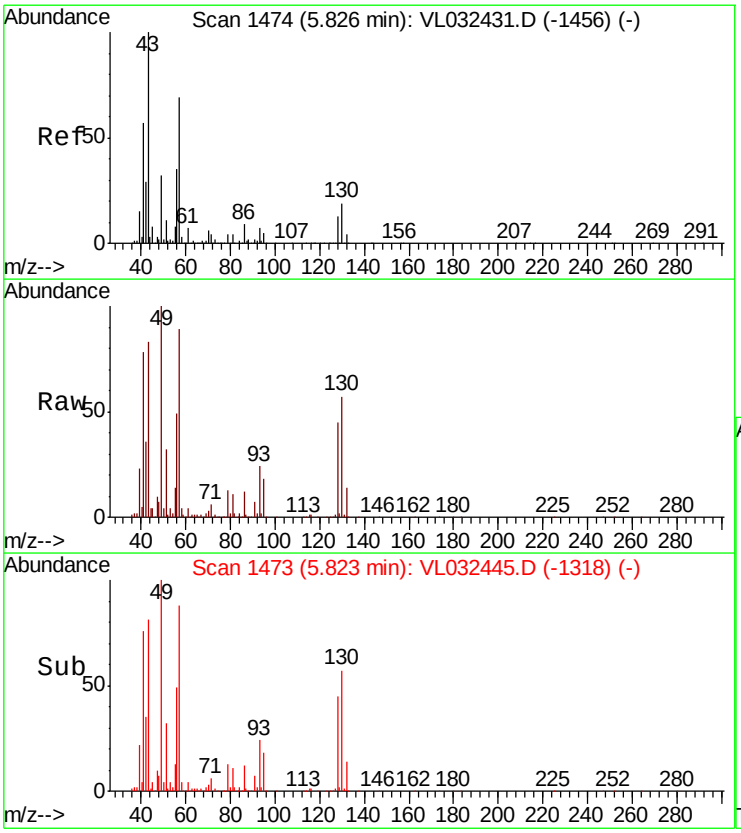
#25
Ethyl Acetate
Concen: 1.490 ppbv
RT: 5.82 min Scan# 1471
Delta R.T. 0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Tgt Ion: 43 Resp: 580343

Ion	Ratio	Lower	Upper
43	100		
45	7.4	8.0	12.0#
61	5.9	7.6	11.4#
70	5.0	5.8	8.8#

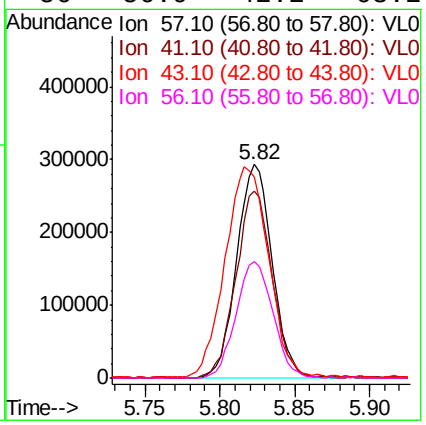


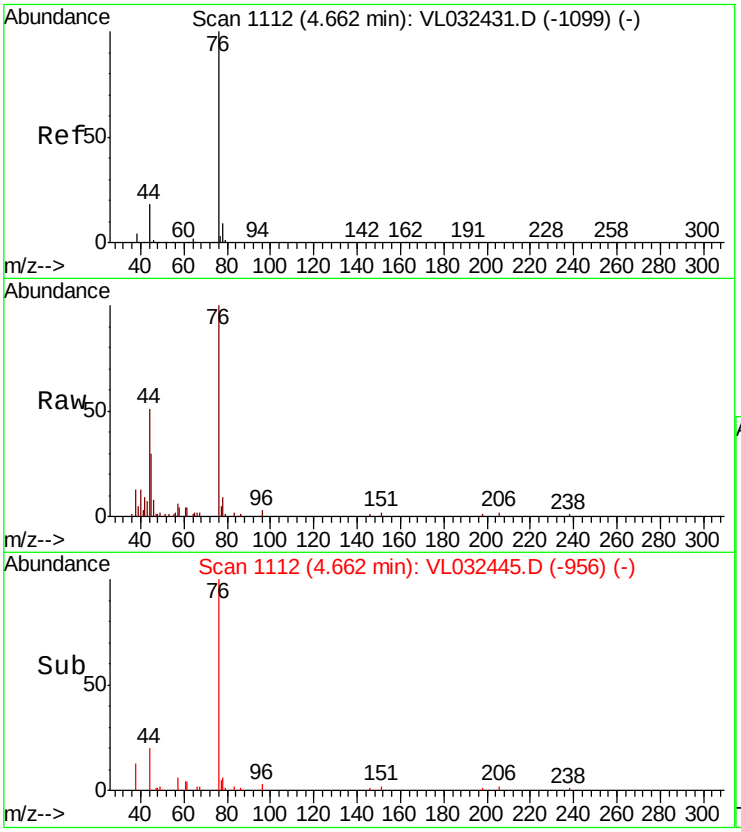


#26
Hexane
Concen: 2.770 ppbv
RT: 5.82 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 57 Resp: 483168

Ion	Ratio	Lower	Upper
57	100		
41	89.9	69.0	103.4
43	121.1	172.1	258.1#
56	56.9	42.2	63.2



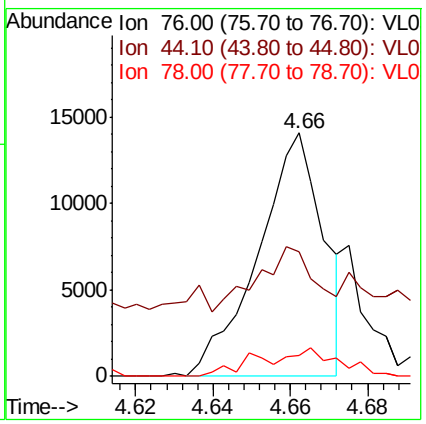


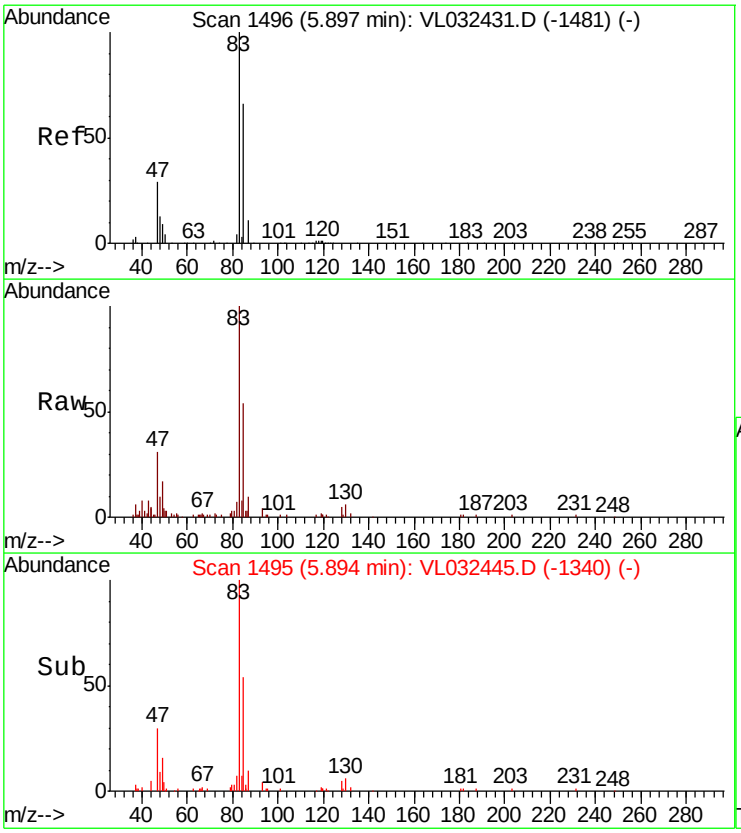
#27
Carbon Disulfide
Concen: 0.103 ppbv
RT: 4.66 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Tgt Ion: 76 Resp: 16507

Ion	Ratio	Lower	Upper
76	100		
44	32.0	14.0	21.0#
78	13.9	7.5	11.3#

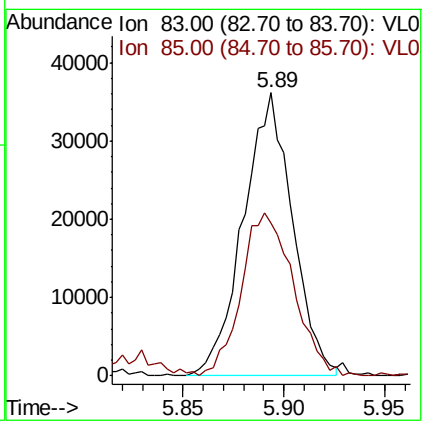


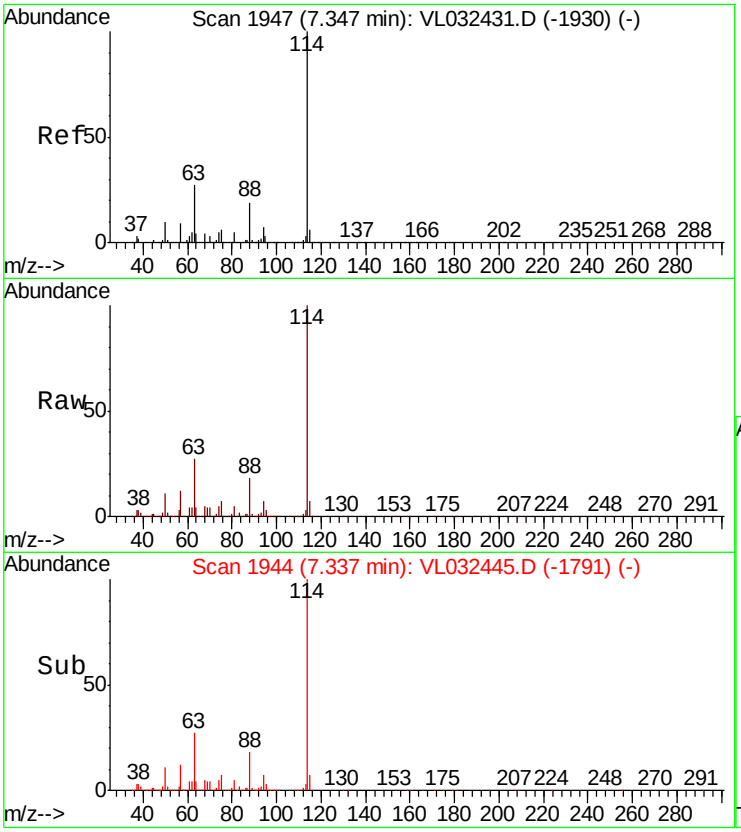


#29
Chloroform
Concen: 0.232 ppbv
RT: 5.89 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 83 Resp: 61775

Ion	Ratio	Lower	Upper
83	100		
85	53.0	52.5	78.7



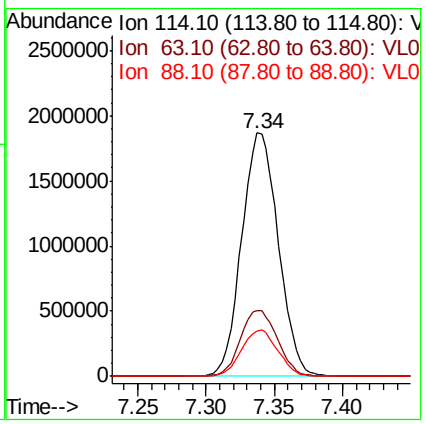


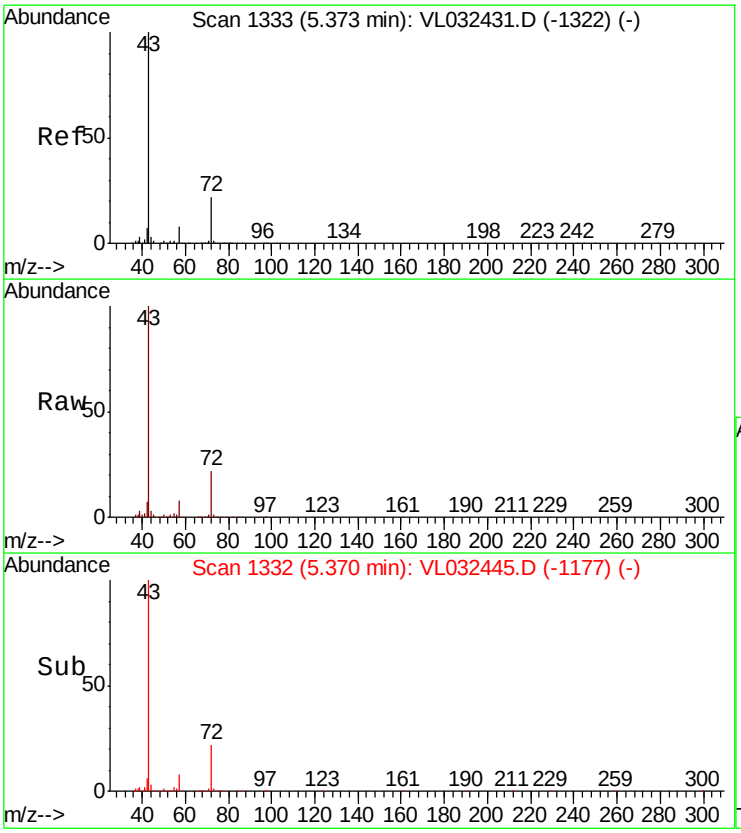
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1944
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:114 Resp: 3485426

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.2	33.4
88	18.9	15.0	22.4

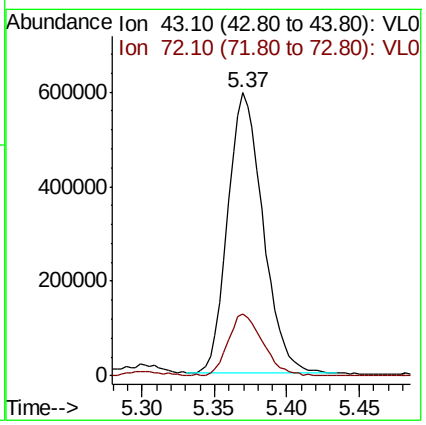


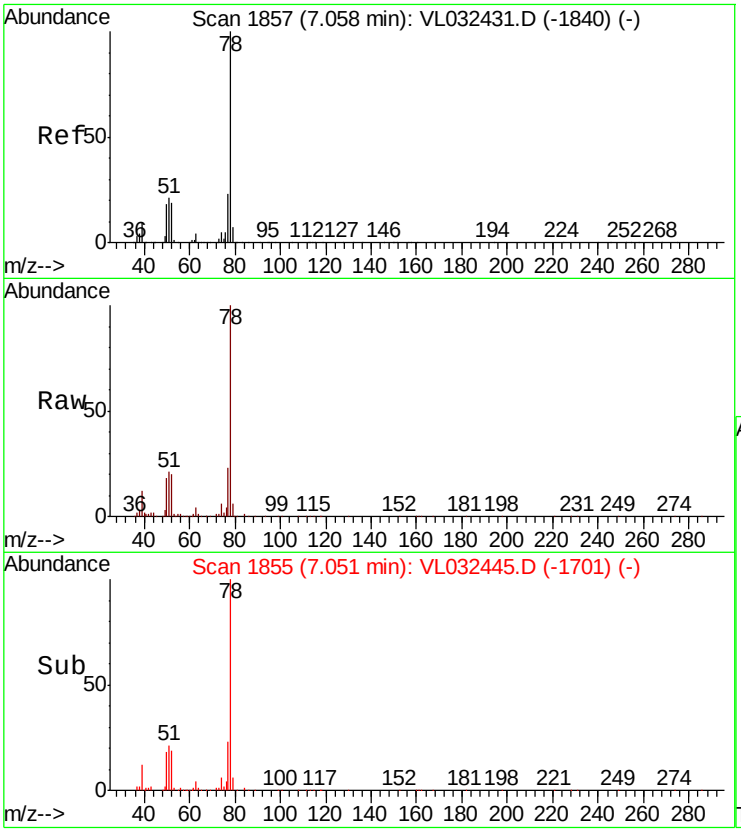


#34
2-Butanone
Concen: 4.330 ppbv
RT: 5.37 min Scan# 1332
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 43 Resp: 1002512

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.8	26.6



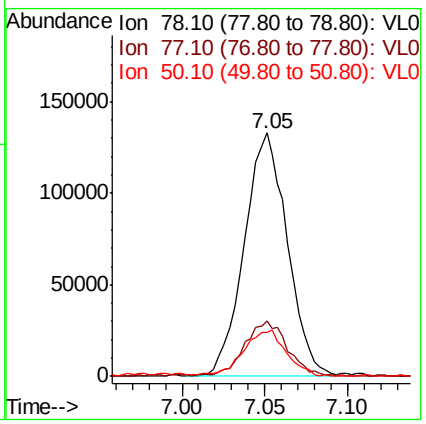


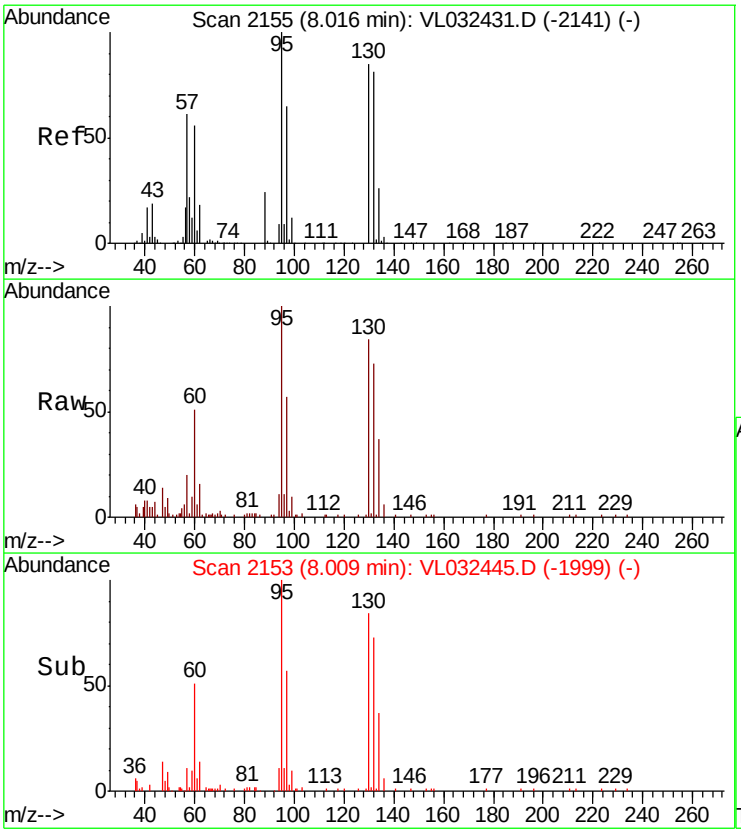
#36
Benzene
Concen: 0.808 ppbv
RT: 7.05 min Scan# 1855
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion: 78 Resp: 239786

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.4	27.6
50	17.2	14.4	21.6

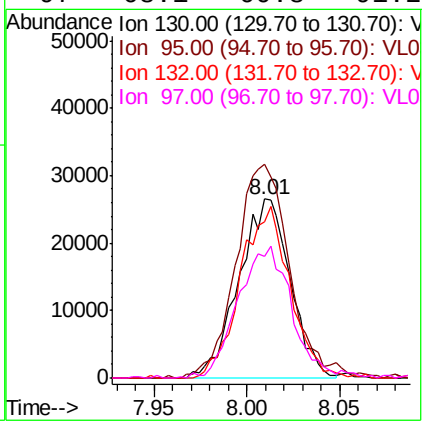


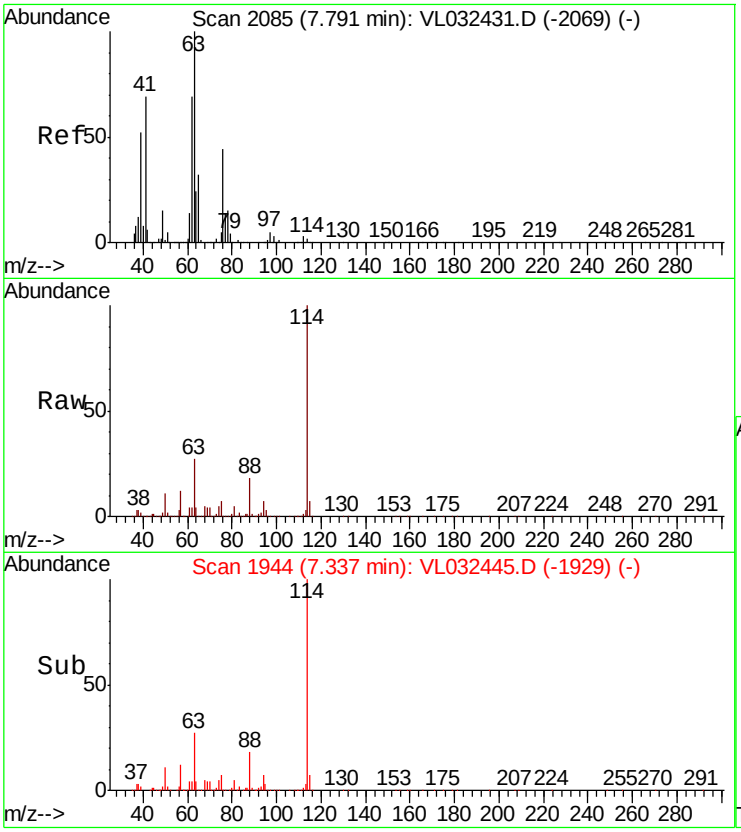


#38
Trichloroethene
Concen: 0.452 ppbv
RT: 8.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion:130 Resp: 50954

Ion	Ratio	Lower	Upper
130	100		
95	117.4	94.2	141.4
132	88.5	76.2	114.4
97	68.1	60.8	91.2



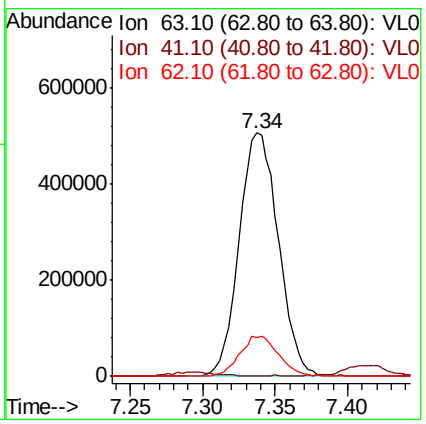


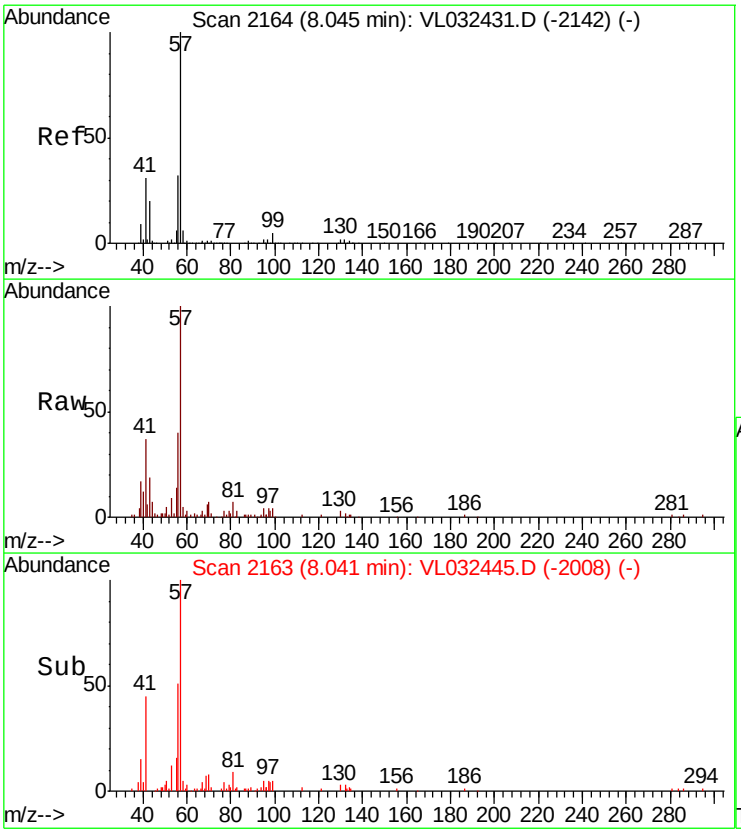
#39
1,2-Dichloropropane
Concen: 7.497 ppbv
RT: 7.34 min Scan# 1944
Delta R.T. -0.45 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Tgt Ion: 63 Resp: 951373

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	16.0	55.4	83.0#

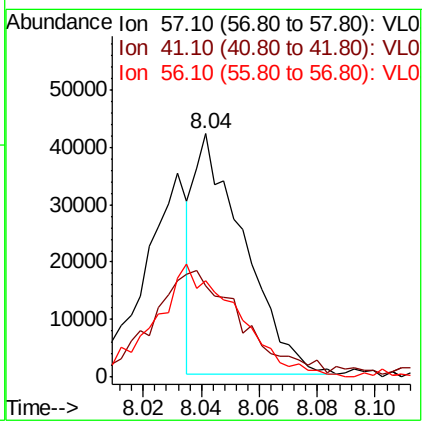


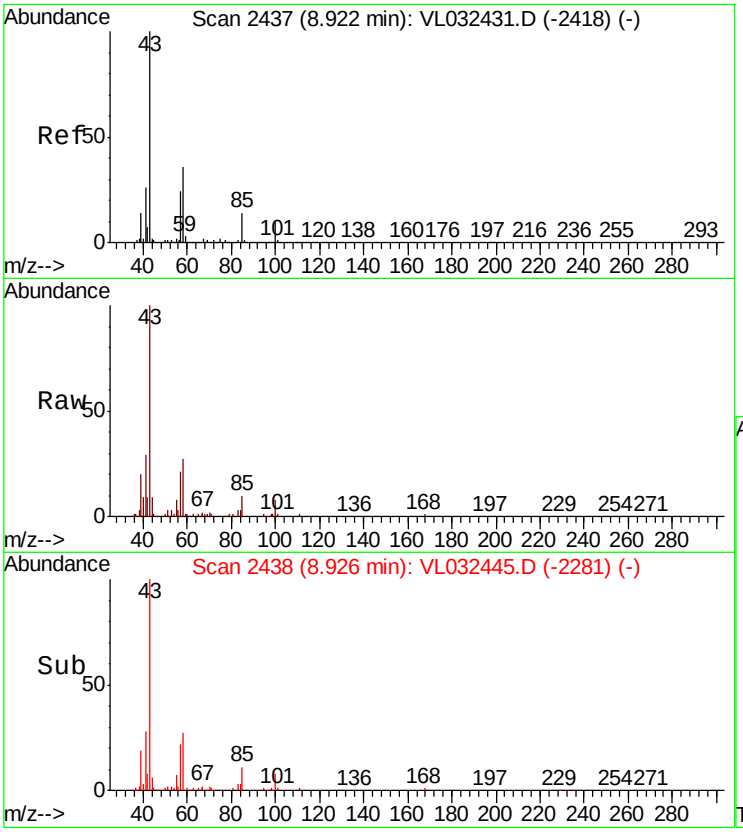


#44
2,2,4-Trimethylpentane
Concen: 0.087 ppbv
RT: 8.04 min Scan# 2163
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 57 Resp: 49813

Ion	Ratio	Lower	Upper
57	100		
41	81.5	24.4	36.6#
56	81.7	25.7	38.5#



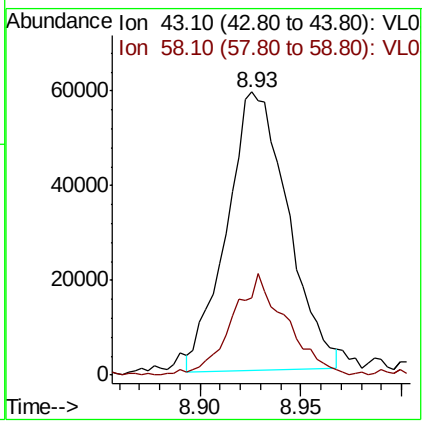


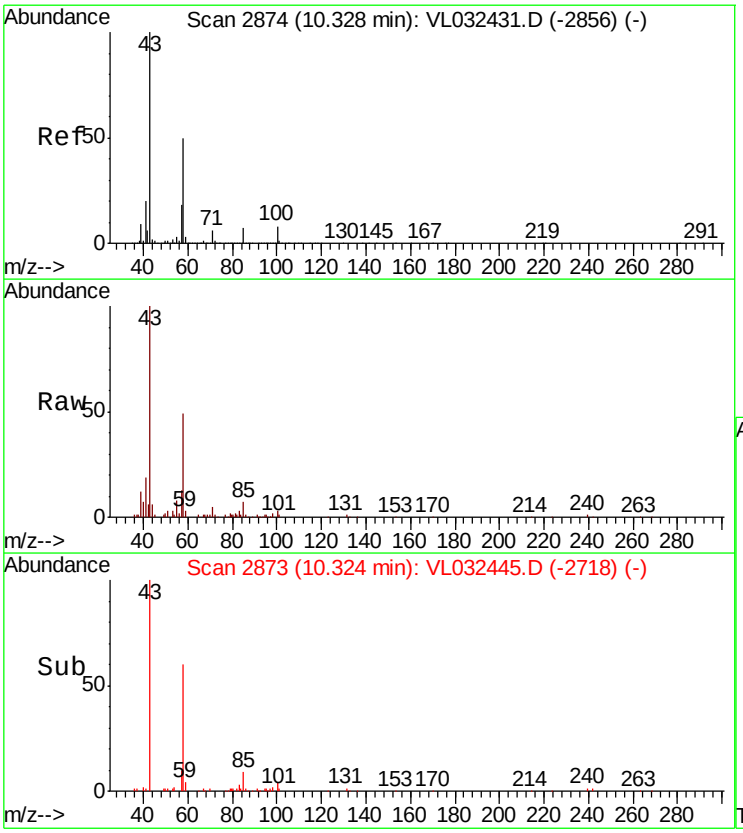
#50
4-Methyl-2-Pentanone
Concen: 0.357 ppbv
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument : MSVOA_L
ClientSampleId : SS-2DUP

Tgt Ion: 43 Resp: 124546

Ion	Ratio	Lower	Upper
43	100		
58	30.7	29.0	43.4

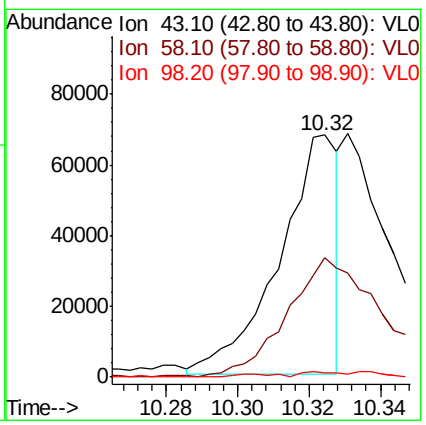


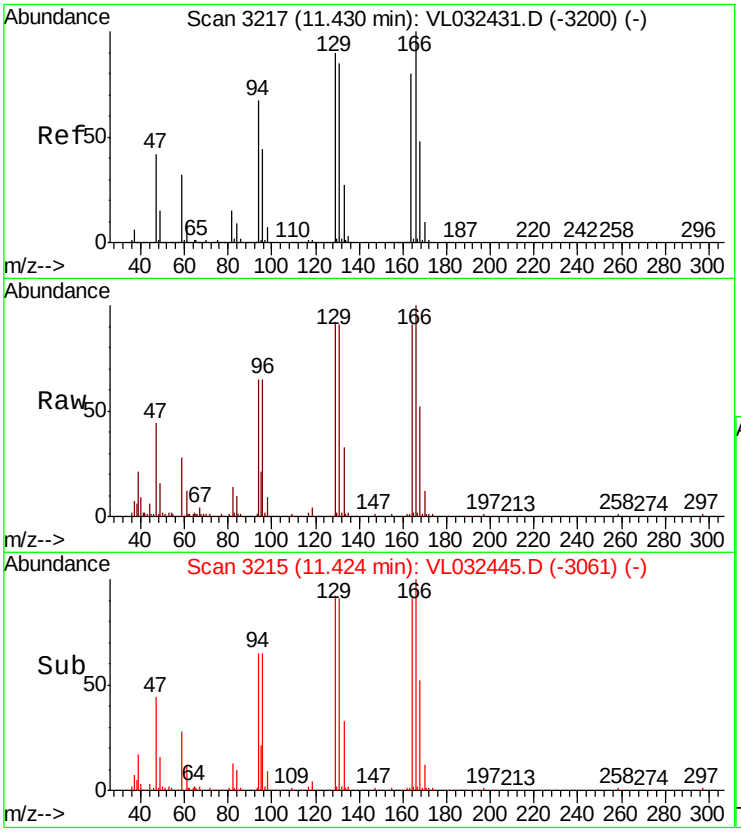


#51
2-Hexanone
Concen: 0.343 ppbv
RT: 10.32 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 43 Resp: 76995

Ion	Ratio	Lower	Upper
43	100		
58	80.0	39.2	58.8#
98	0.0	0.4	0.6#



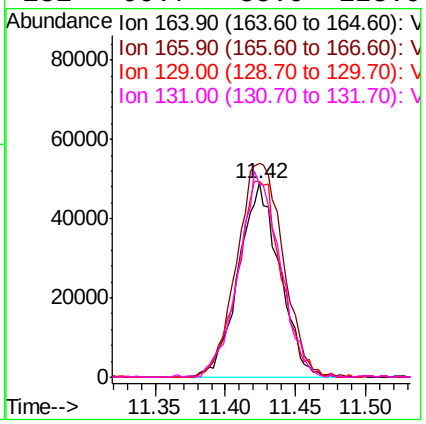


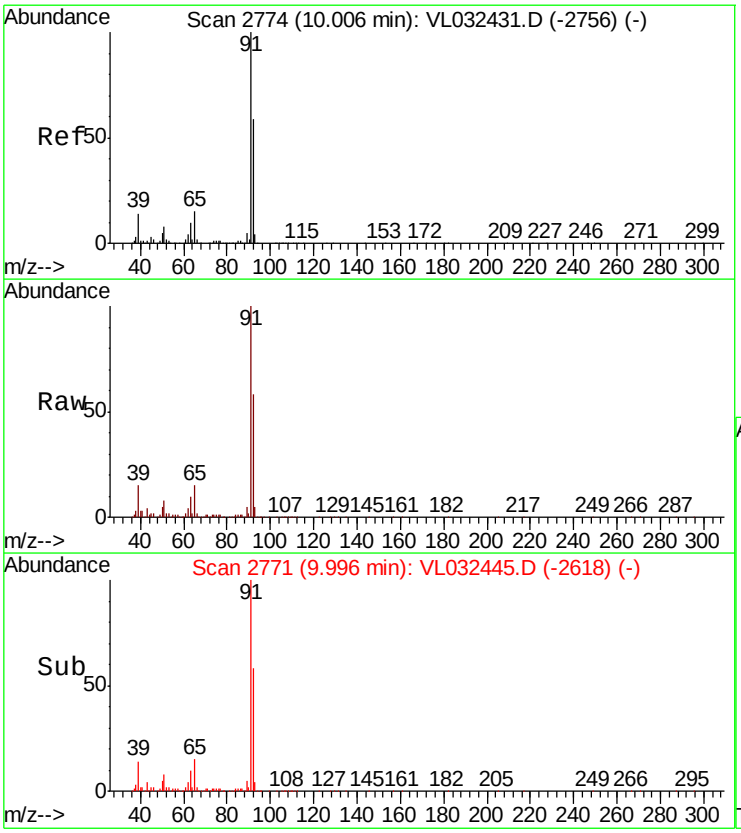
#52
Tetrachloroethene
Concen: 1.085 ppbv
RT: 11.42 min Scan# 3215
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:164 Resp: 99815

Ion	Ratio	Lower	Upper
164	100		
166	110.1	100.6	150.8
129	100.8	89.9	134.9
131	99.7	85.9	128.9

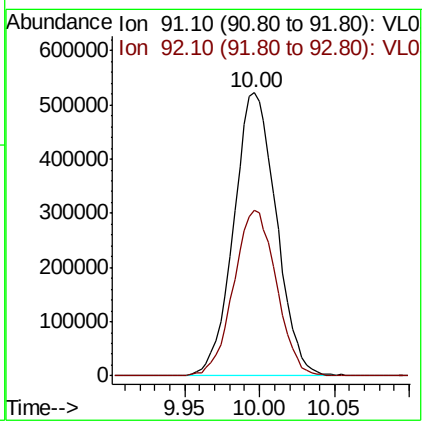


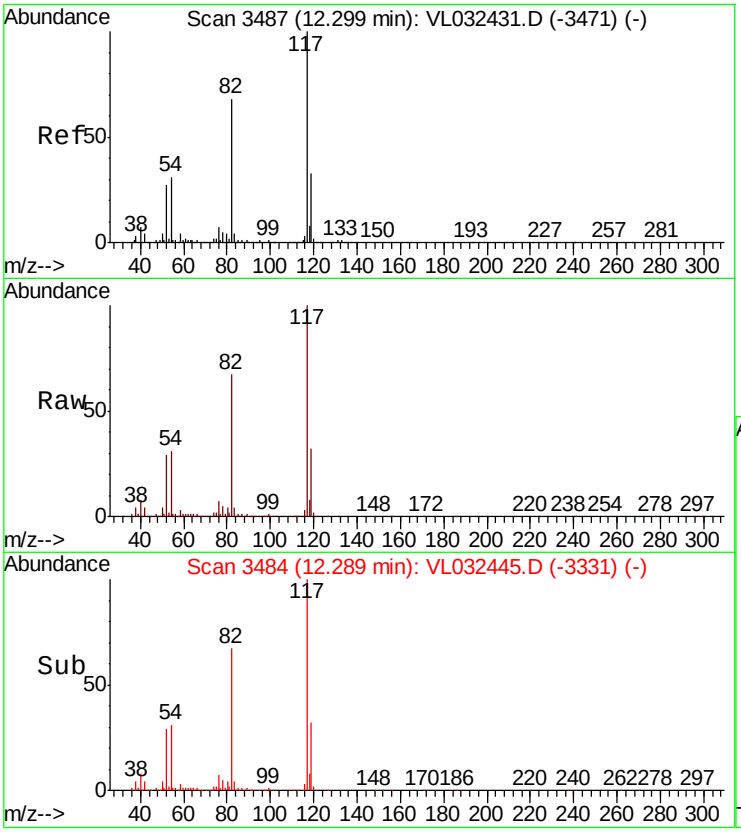


#53
Toluene
Concen: 3.300 ppbv
RT: 10.00 min Scan# 2771
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 91 Resp: 1023114

Ion	Ratio	Lower	Upper
91	100		
92	59.5	48.1	72.1



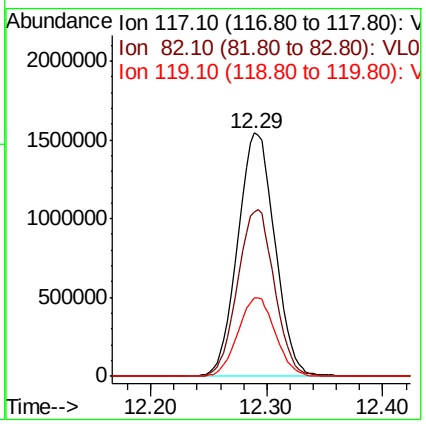


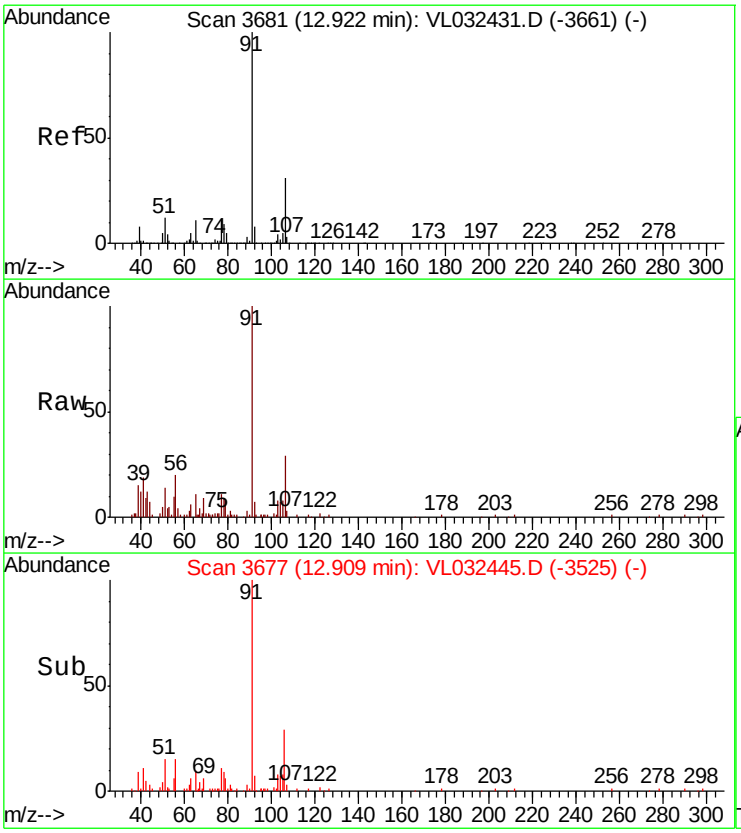
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.29 min Scan# 3484
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:117 Resp: 3439264

Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.0	79.6
119	32.5	45.9	68.9#

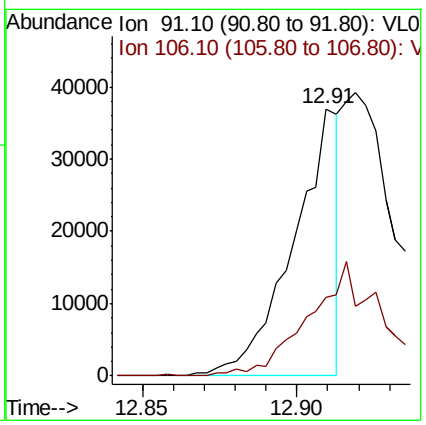


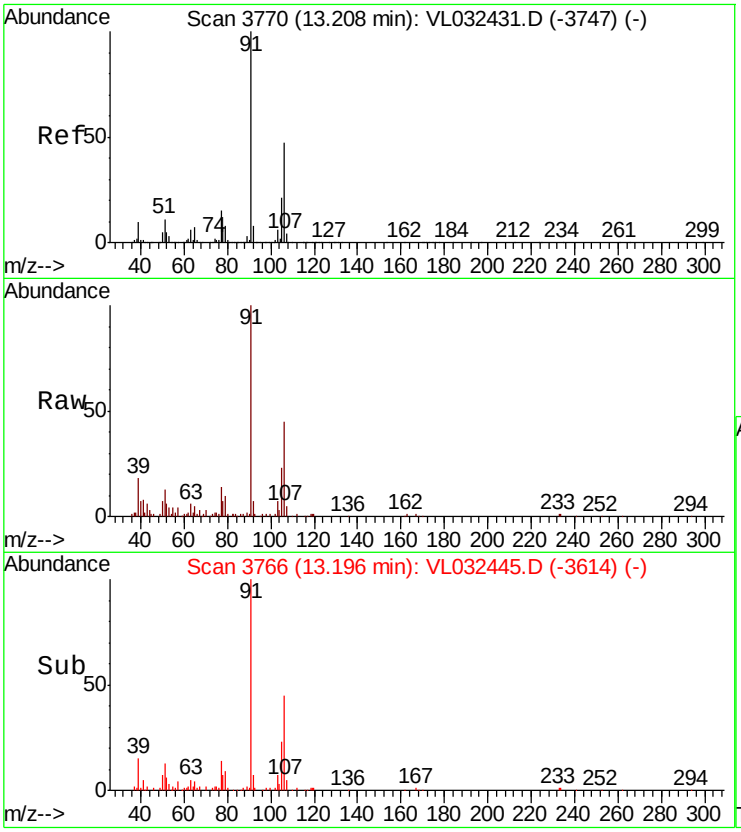


#58
Ethyl Benzene
Concen: 0.091 ppbv
RT: 12.91 min Scan# 3677
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 91 Resp: 37521

Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.8	37.2



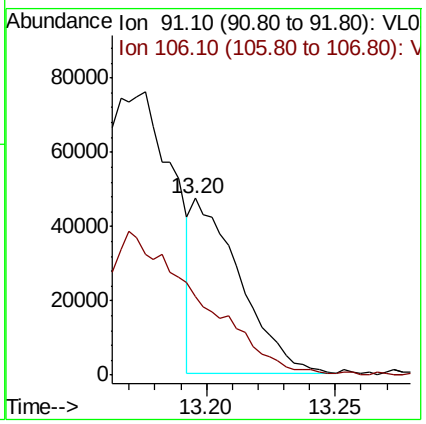


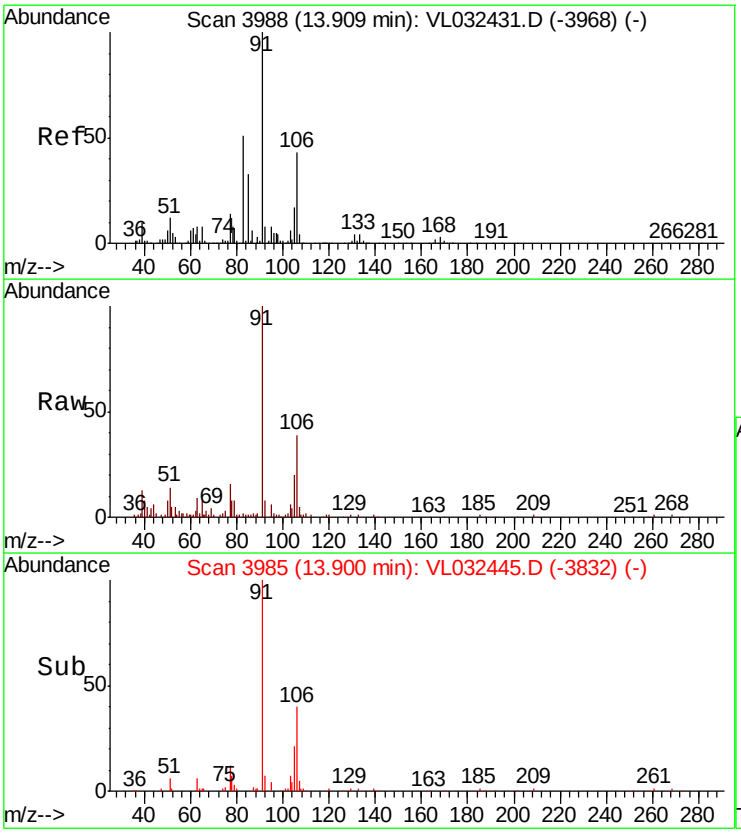
#59
m/p-Xylene
Concen: 0.165 ppbv
RT: 13.20 min Scan# 3766
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion: 91 Resp: 60493

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.6	55.0#

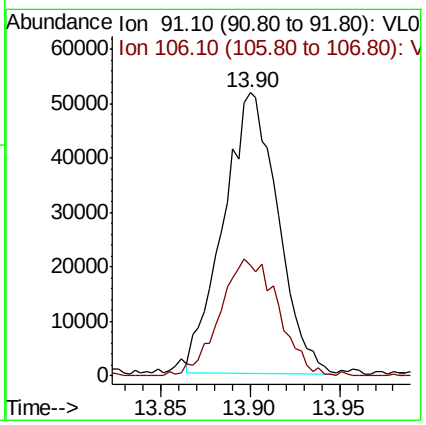


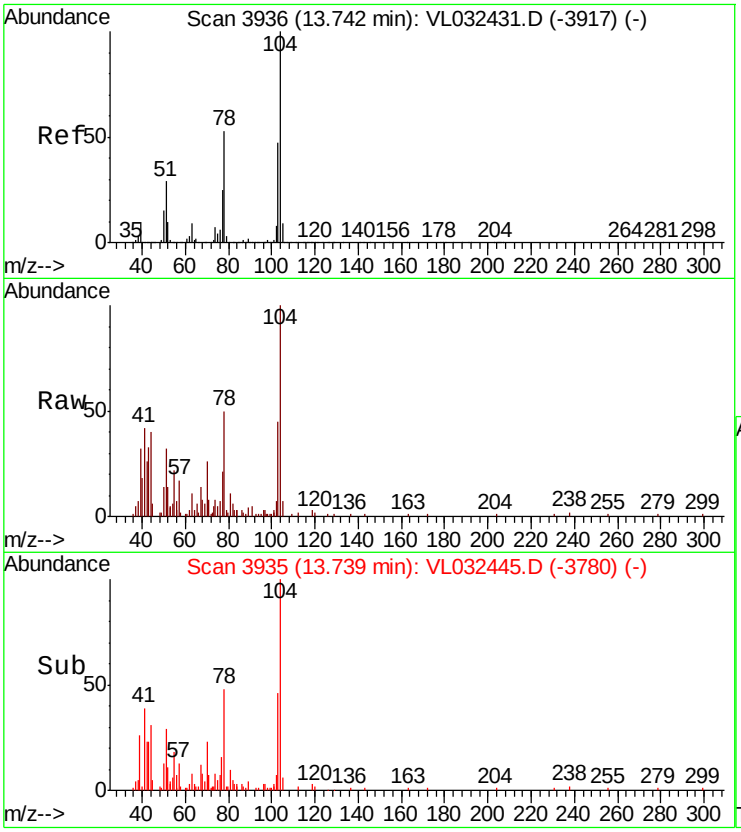


#60
o-Xylene
Concen: 0.305 ppbv
RT: 13.90 min Scan# 3985
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 91 Resp: 109868

Ion	Ratio	Lower	Upper
91	100		
106	44.6	21.9	65.7



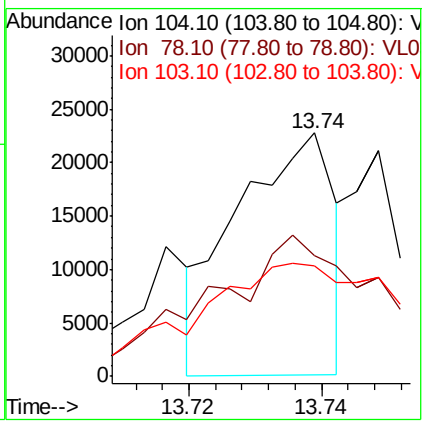


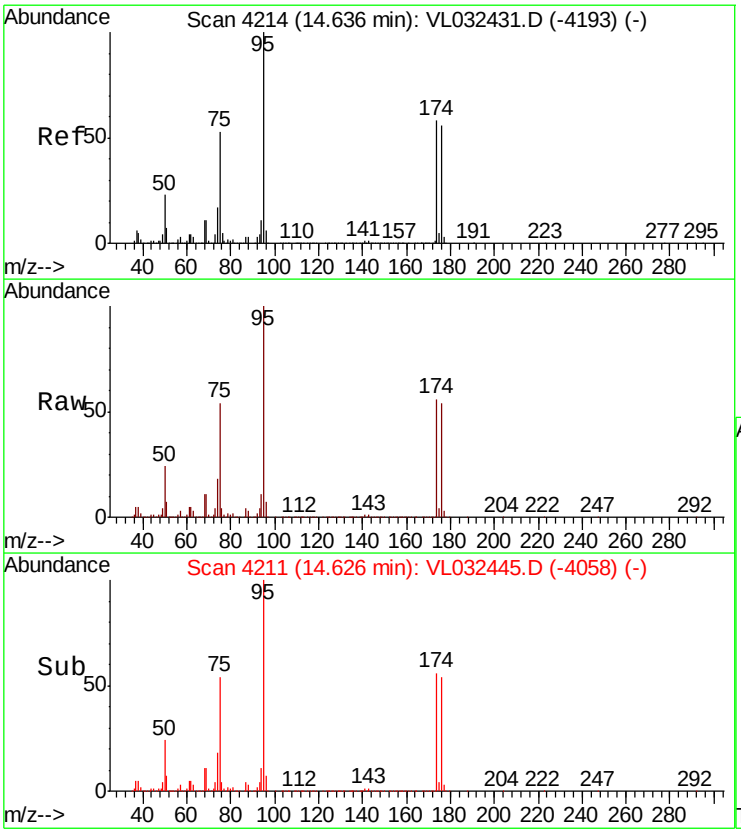
#61
Styrene
Concen: 0.100 ppbv
RT: 13.74 min Scan# 3935
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:104 Resp: 23245

Ion	Ratio	Lower	Upper
104	100		
78	118.6	41.8	62.8#
103	107.8	38.0	57.0#

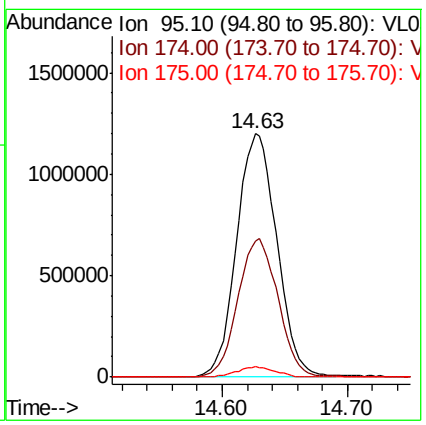


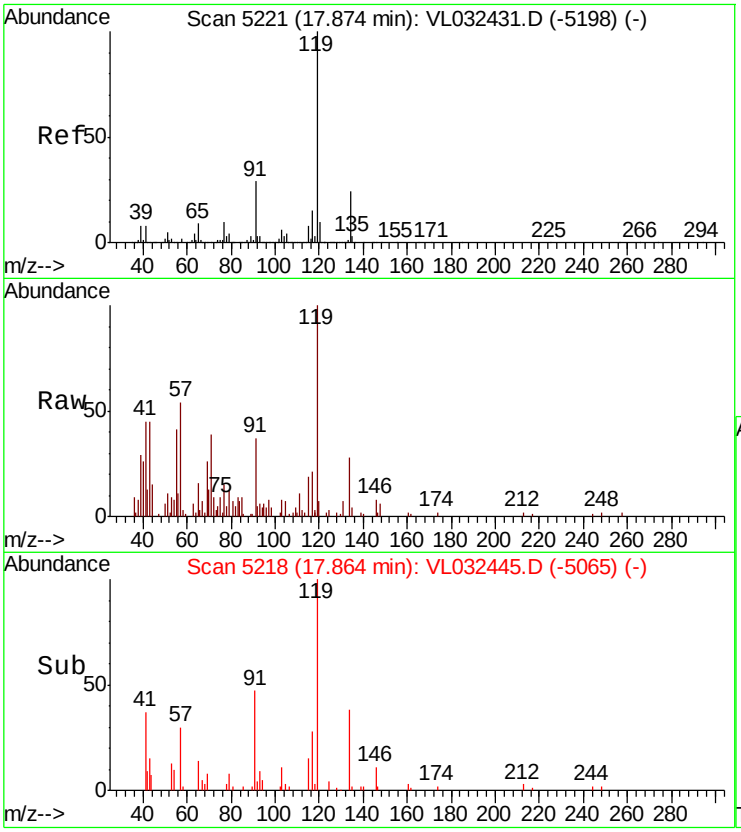


#68
1-Bromo-4-Fluorobenzene
Concen: 10.460 ppbv
RT: 14.63 min Scan# 4211
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 95 Resp: 2670863

Ion	Ratio	Lower	Upper
95	100		
174	57.1	46.3	69.5
175	4.1	3.4	5.0



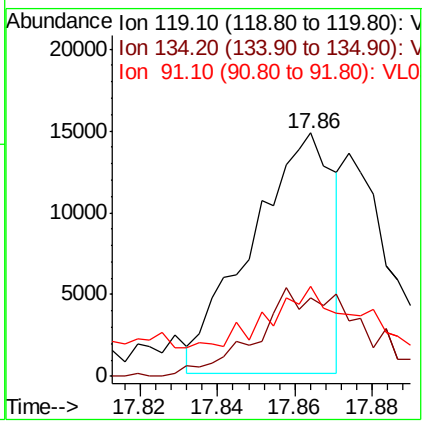


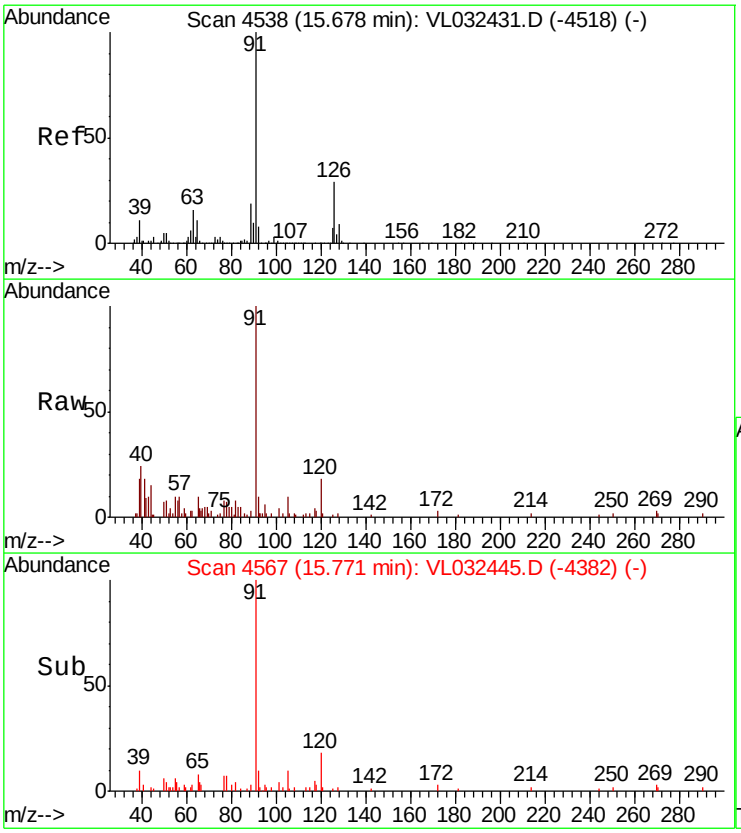
#69
p-Isopropyltoluene
Concen: 0.043 ppbv
RT: 17.86 min Scan# 5218
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:119 Resp: 21754

Ion	Ratio	Lower	Upper
119	100		
134	50.6	20.4	30.6#
91	64.4	23.4	35.2#

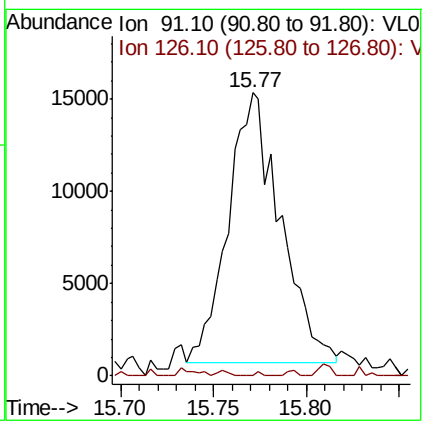


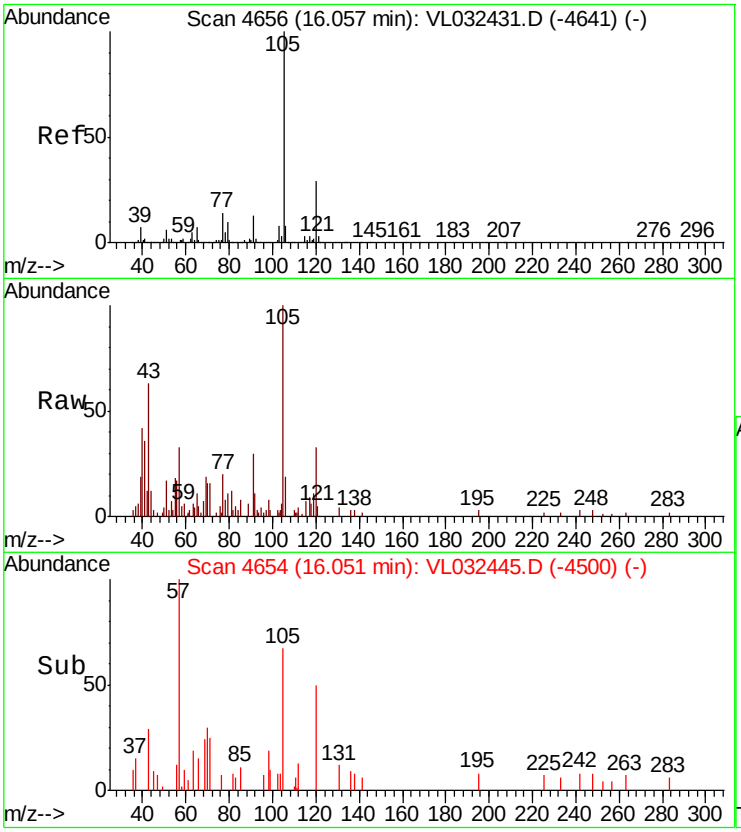


#71
2-Chlorotoluene
Concen: 0.075 ppbv
RT: 15.77 min Scan# 4567
Delta R.T. 0.09 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion: 91 Resp: 28857

Ion	Ratio	Lower	Upper
91	100		
126	0.2	11.9	47.7#



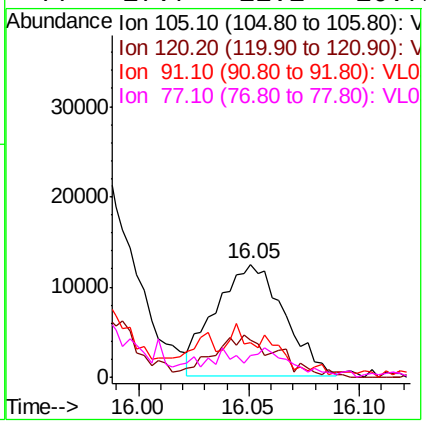


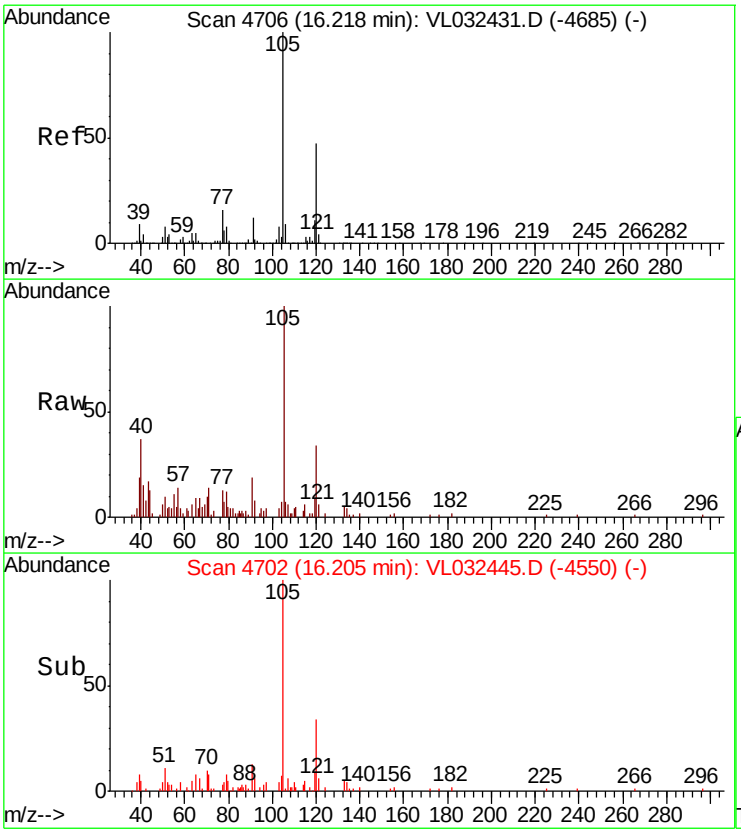
#72
4-Ethyltoluene
Concen: 0.068 ppbv
RT: 16.05 min Scan# 4654
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:105 Resp: 26737

Ion	Ratio	Lower	Upper
105	100		
120	35.8	23.5	35.3#
91	46.0	10.2	15.2#
77	17.7	11.1	16.7#

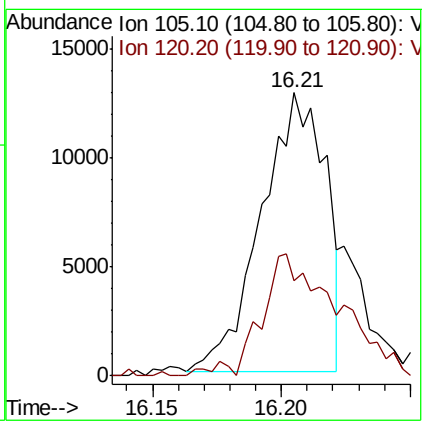


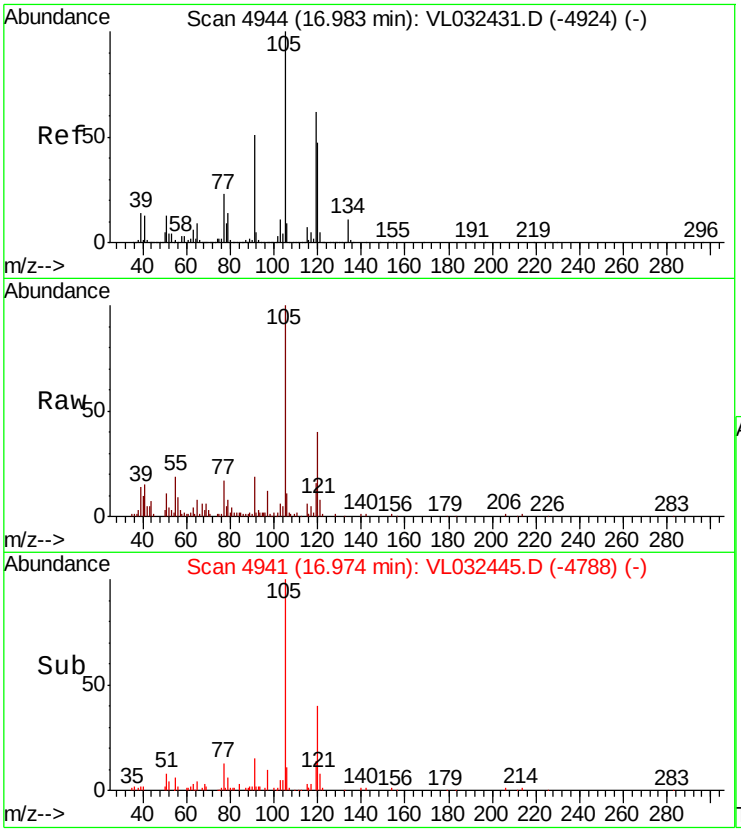


#73
1,3,5-Trimethylbenzene
Concen: 0.056 ppbv
RT: 16.21 min Scan# 4702
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion:105 Resp: 22112

Ion	Ratio	Lower	Upper
105	100		
120	40.6	37.9	56.9



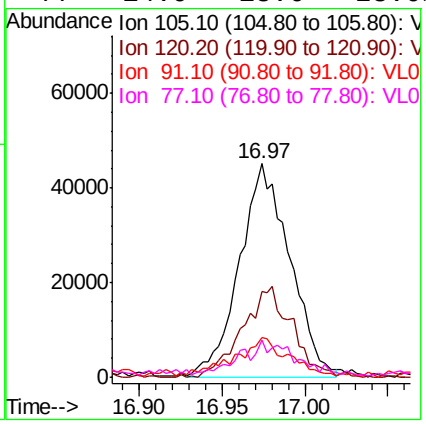


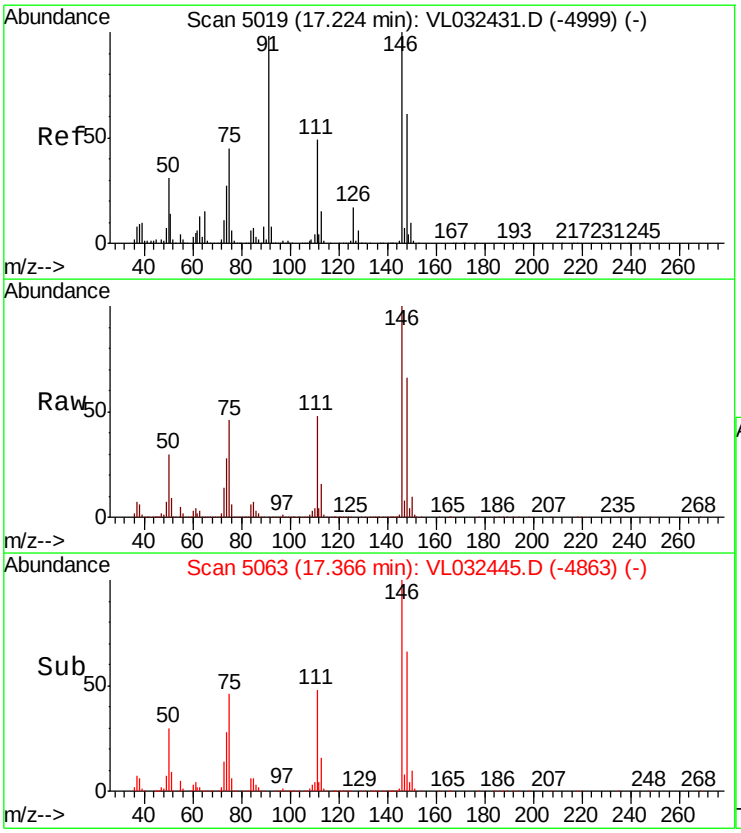
#74
1,2,4-Trimethylbenzene
Concen: 0.220 ppbv
RT: 16.97 min Scan# 4941
Delta R.T. -0.01 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:105 Resp: 94908

Ion	Ratio	Lower	Upper
105	100		
120	40.1	37.8	56.8
91	18.5	41.4	62.0#
77	14.9	18.6	28.0#

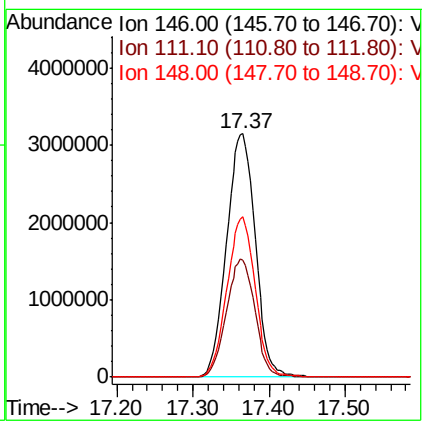


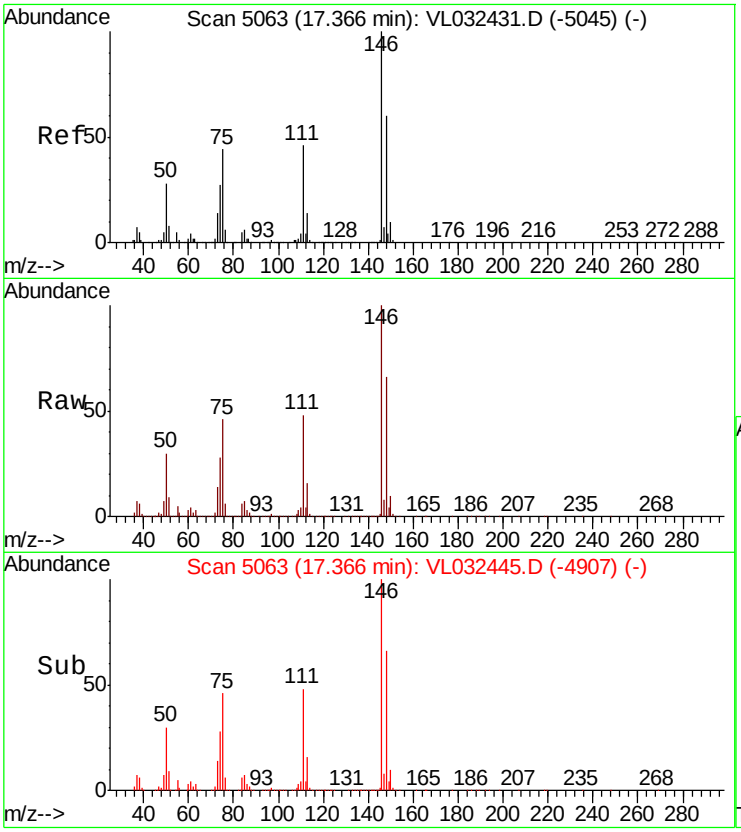


#75
1,3-Dichlorobenzene
Concen: 32.398 ppbv
RT: 17.37 min Scan# 5063
Delta R.T. 0.14 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion:146 Resp: 8285677

Ion	Ratio	Lower	Upper
146	100		
111	47.9	24.5	73.5
148	64.5	32.0	96.2



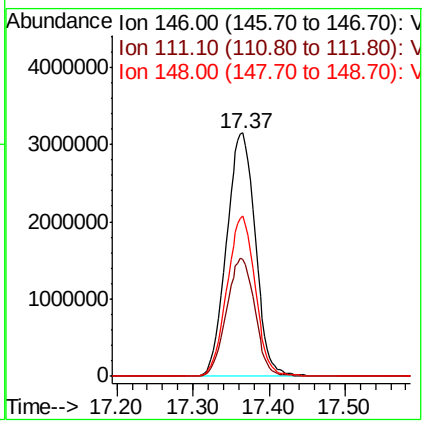


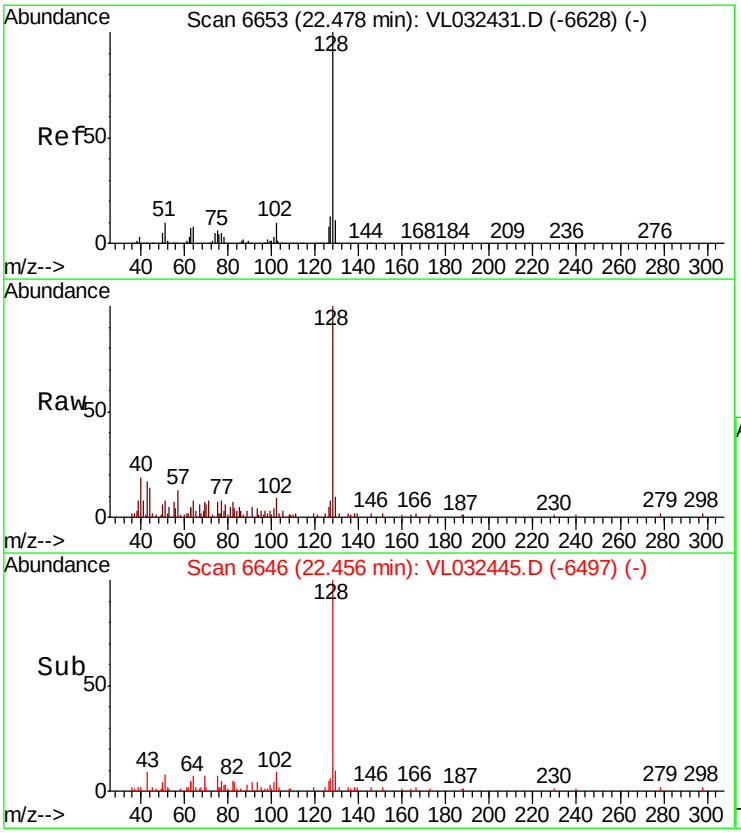
#76
1,4-Dichlorobenzene
Concen: 34.917 ppbv
RT: 17.37 min Scan# 5063
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:146 Resp: 8285677

Ion	Ratio	Lower	Upper
146	100		
111	48.0	23.4	70.2
148	64.5	32.0	96.2

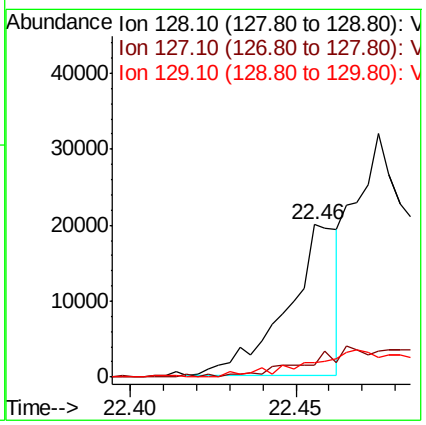


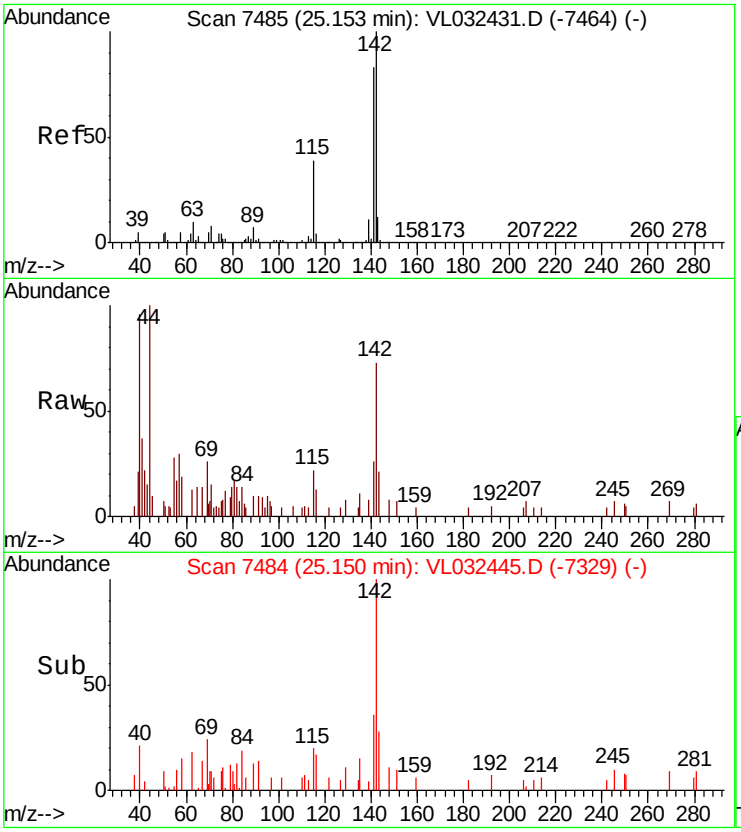


#79
Naphthalene
Concen: 0.061 ppbv
RT: 22.46 min Scan# 6646
Delta R.T. -0.02 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Tgt Ion:128 Resp: 21394

Ion	Ratio	Lower	Upper
128	100		
127	6.2	10.2	15.2#
129	9.8	8.5	12.7





#80
Naphthalene,2-methyl-
Concen: 0.058 ppbv
RT: 25.15 min Scan# 7484
Delta R.T. -0.00 min
Lab File: VL032445.D
Acq: 31 Aug 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :
SS-2DUP

Tgt Ion:142 Resp: 5417

Ion	Ratio	Lower	Upper
142	100		
141	80.0	67.0	100.6
115	46.7	31.3	46.9