Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032510.D
Acq On : 20 Sep 2018 16:49
Operator : SY/AP
Sample : J4961-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:34:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 21 02:33:47 2018
QLast Update : Fri Sep 21 02:33:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.80	49	1505561	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.33	114	3382207	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.28	117	3423636	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2637290	10.38	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	35245	0.183	ppbv		95
3) Chlorodifluoromethane	3.01	51	2445603	17.945	ppbv	#	65
4) Chloromethane	3.19	50	30258	0.367	ppbv		92
5) Vinyl Chloride	3.32	62	6992	0.086	ppbv	#	53
7) Chloroethane	3.63	64	1406	0.050	ppbv		100
9) Propene	3.26	41	526391	9.575	ppbv		97
10) Heptane	8.28	43	19616	0.099	ppbv	#	36
11) Trichlorofluoromethane	4.03	101	974318	5.611	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.59	101	19447	0.165	ppbv		99
13) Ethanol	3.69	45	1998574	116.627	ppbv		98
15) Acetone	3.92	43	4513905	33.293	ppbv		92
16) 1,3-Butadiene	3.42	39	132862	2.083	ppbv	#	1
17) tert-Butyl alcohol	4.40	59	1124127	53.878	ppbv	#	100
18) 1,1-Dichloroethene	4.38	96	15098	0.281	ppbv		80
19) Isopropyl Alcohol	4.07	45	637875	7.172	ppbv	#	1
20) Methylene Chloride	4.44	84	2050895	39.671	ppbv		98
21) Allyl Chloride	4.44	41	62965	0.699	ppbv	#	23
22) trans-1,2-Dichloroethene	4.99	96	7838	0.134	ppbv	#	70
23) Vinyl Acetate	5.17	43	4311056	19.183	ppbv	#	7
25) Ethyl Acetate	5.82	43	2272567	7.098	ppbv	#	77
26) Hexane	5.82	57	3181234	22.190	ppbv	#	44
27) Carbon Disulfide	4.65	76	1181388	8.927	ppbv		100
28) Methyl tert-Butyl Ether	5.15	73	40557	0.230	ppbv	#	51
29) Chloroform	5.88	83	2887403	13.209	ppbv		99
31) cis-1,2-Dichloroethene	5.68	61	248760	1.916	ppbv		97
32) 1,1,1-Trichloroethane	6.66	97	14045	0.069	ppbv		94
34) 2-Butanone	5.36	43	316963	1.411	ppbv		100
35) Carbon Tetrachloride	7.17	117	11670	0.051	ppbv	#	79
36) Benzene	7.05	78	54701	0.190	ppbv	#	89
37) 1,2-Dichloroethane	6.44	62	89643	0.508	ppbv	#	89
38) Trichloroethene	8.00	130	10372	0.095	ppbv	#	77
39) 1,2-Dichloropropane	7.33	63	909794	7.388	ppbv	#	24
41) Tetrahydrofuran	6.19	42	36795	0.301	ppbv	#	91
42) Bromodichloromethane	7.96	83	13514	0.056	ppbv	#	81
47) 1,1,2-Trichloroethane	9.65	97	75019	0.573	ppbv		90
50) 4-Methyl-2-Pentanone	8.92	43	20533	0.061	ppbv	#	78
51) 2-Hexanone	10.28	43	474305	2.176	ppbv	#	33
52) Tetrachloroethene	11.41	164	40894	0.458	ppbv	#	78
53) Toluene	9.98	91	430268	1.430	ppbv		100
57) Chlorobenzene	12.34	112	10113	0.037	ppbv	#	46
58) Ethyl Benzene	12.90	91	72950	0.178	ppbv		94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032510.D
Acq On : 20 Sep 2018 16:49
Operator : SY/AP
Sample : J4961-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:34:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 21 02:33:47 2018
QLast Update : Fri Sep 21 02:33:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) m/p-Xylene	13.16	91	225928	0.619	ppbv		96
60) o-Xylene	13.89	91	85540	0.238	ppbv		97
61) Styrene	13.72	104	114365	0.492	ppbv		97
72) 4-Ethyltoluene	16.03	105	19011	0.049	ppbv	#	55
73) 1,3,5-Trimethylbenzene	16.19	105	12435	0.032	ppbv	#	79
74) 1,2,4-Trimethylbenzene	16.96	105	62161	0.145	ppbv	#	72
79) Naphthalene	22.45	128	16519	0.047	ppbv	#	86
80) Naphthalene,2-methyl-	25.15	142	21004	0.226	ppbv		96

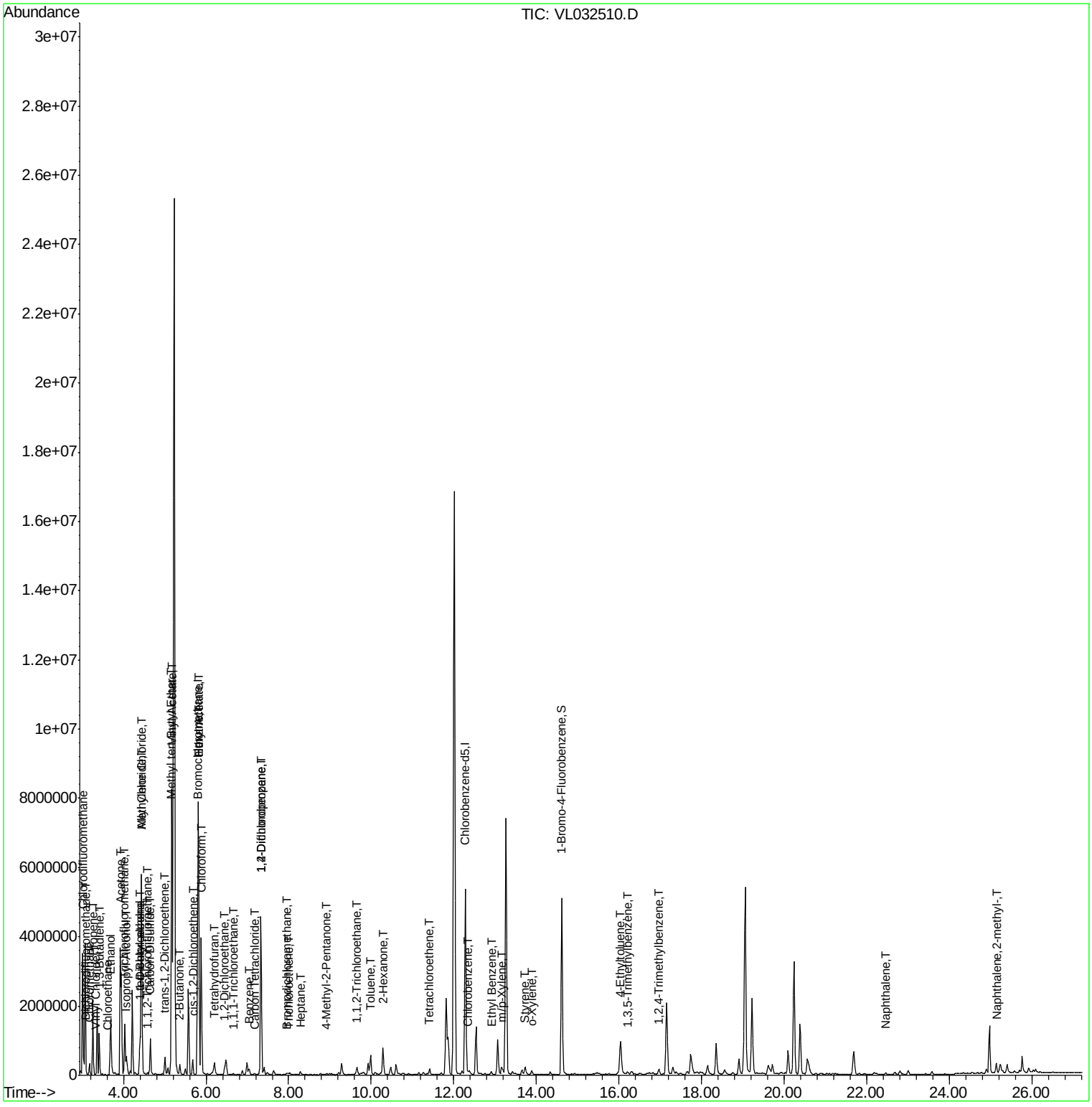
(#) = qualifier out of range (m) = manual integration (+) = signals summed

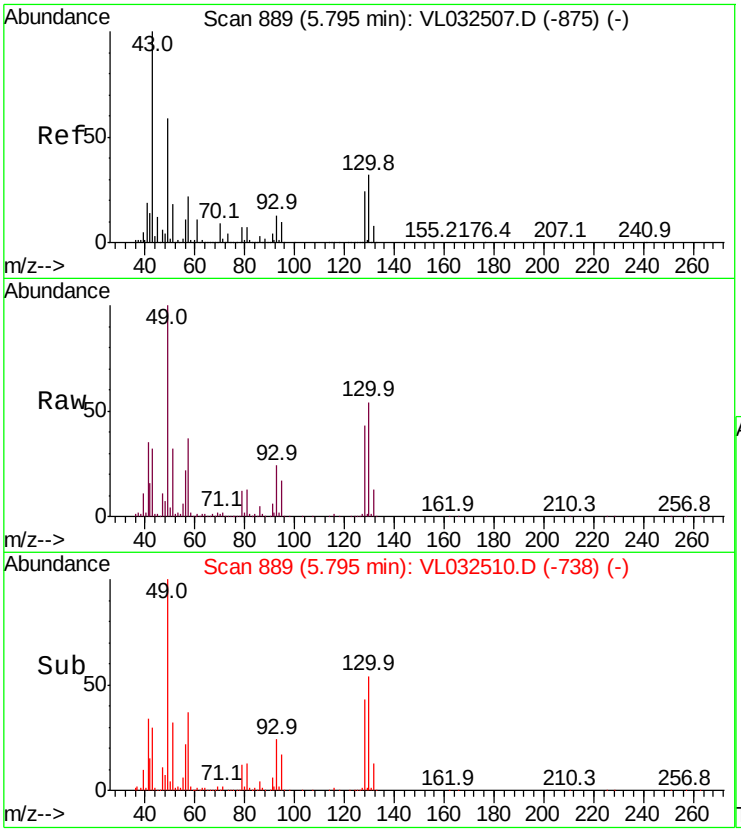
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032510.D
Acq On : 20 Sep 2018 16:49
Operator : SY/AP
Sample : J4961-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:34:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 21 02:33:47 2018
QLast Update : Fri Sep 21 02:33:47 2018
Response via : Initial Calibration



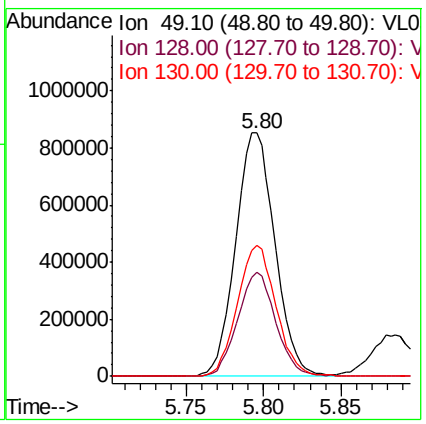


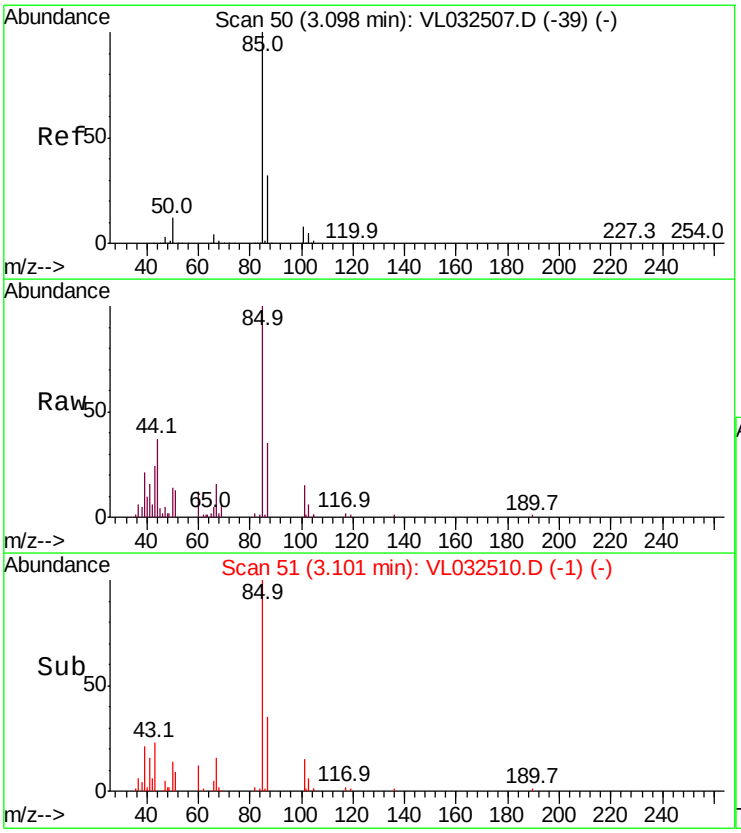
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.80 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1505561

Ion	Ratio	Lower	Upper
49	100		
128	41.6	20.7	62.1
130	53.1	26.6	79.7

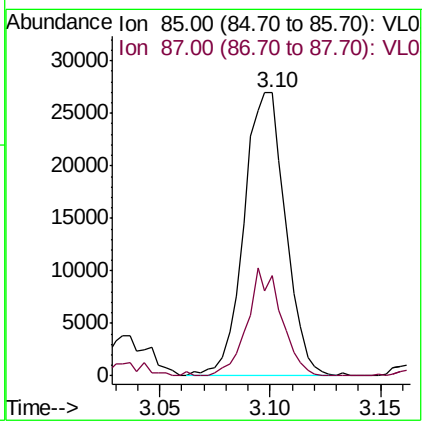


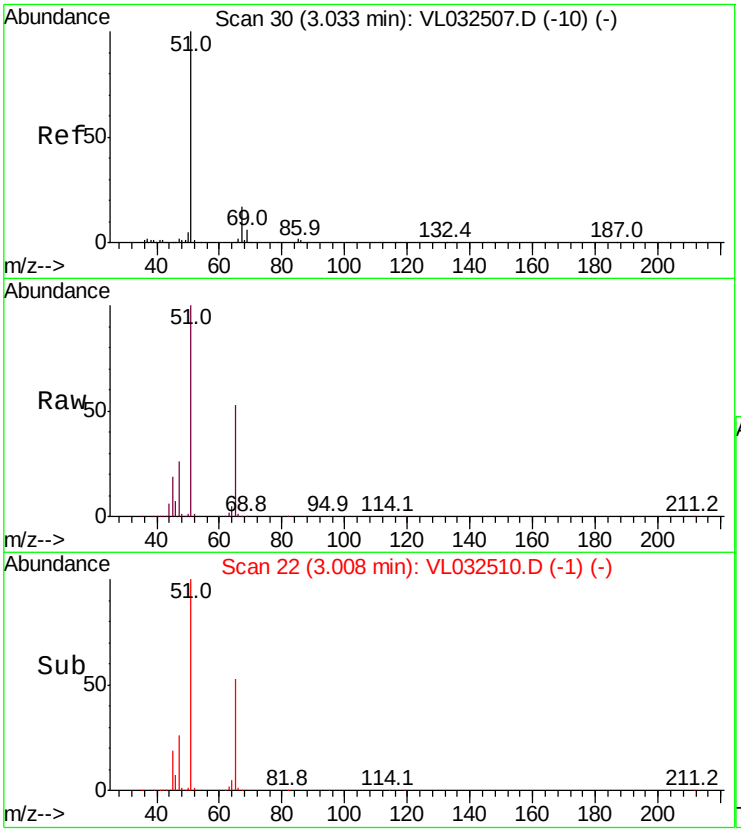


#2
Dichlorodifluoromethane
Concen: 0.183 ppbv
RT: 3.10 min Scan# 51
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 85 Resp: 35245

Ion	Ratio	Lower	Upper
85	100		
87	35.3	26.2	39.4



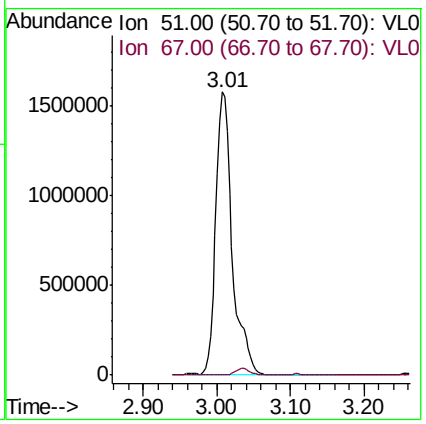


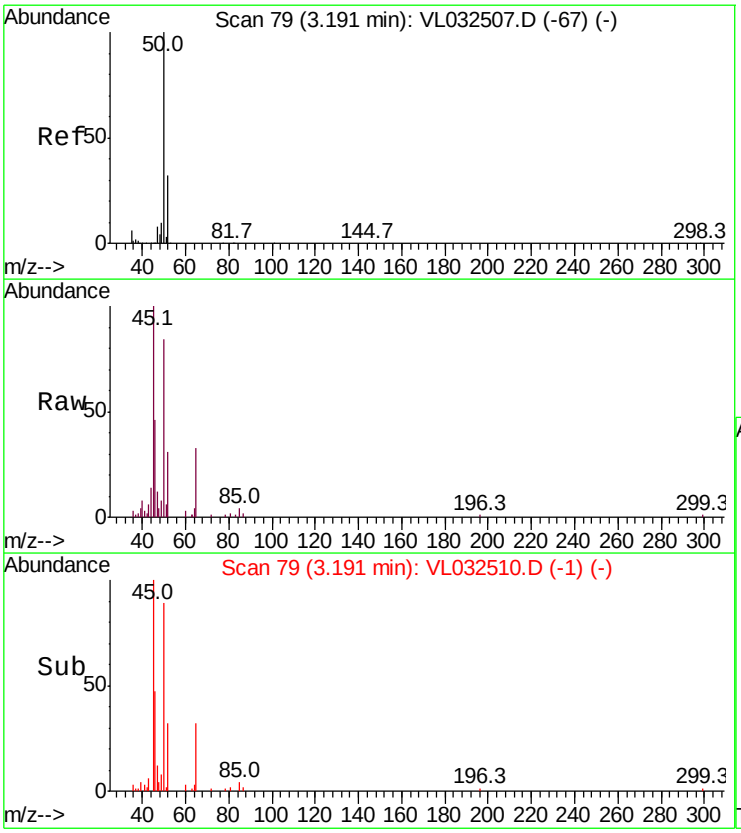
#3
Chlorodifluoromethane
Concen: 17.945 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.04 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 2445603

Ion	Ratio	Lower	Upper
51	100		
67	2.2	13.8	20.8#

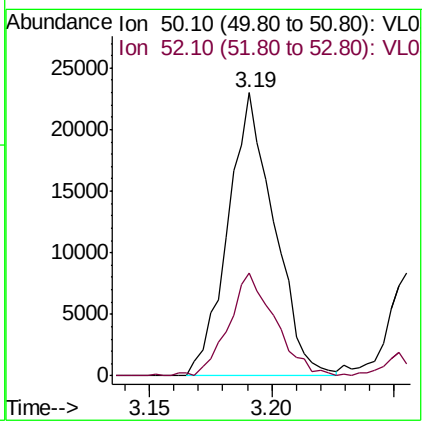


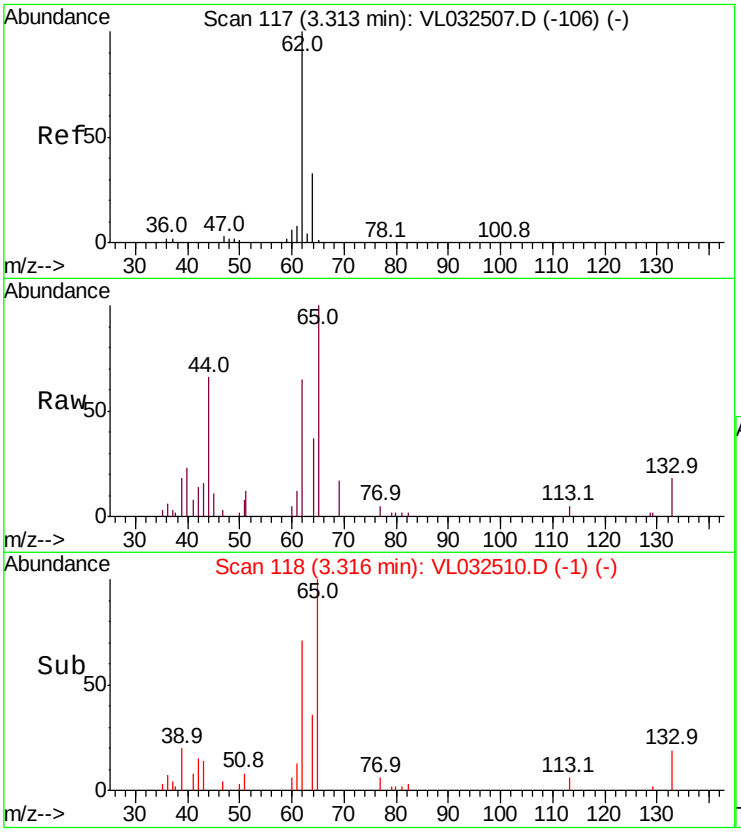


#4
Chloromethane
Concen: 0.367 ppbv
RT: 3.19 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 50 Resp: 30258

Ion	Ratio	Lower	Upper
50	100		
52	36.2	25.6	38.4



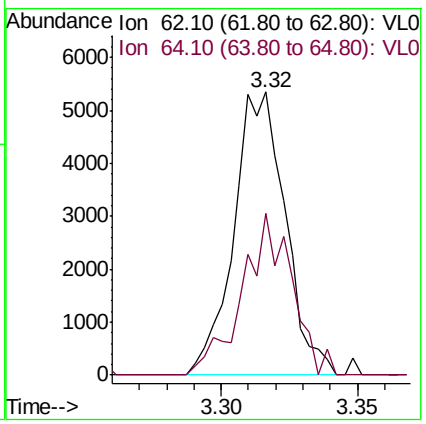


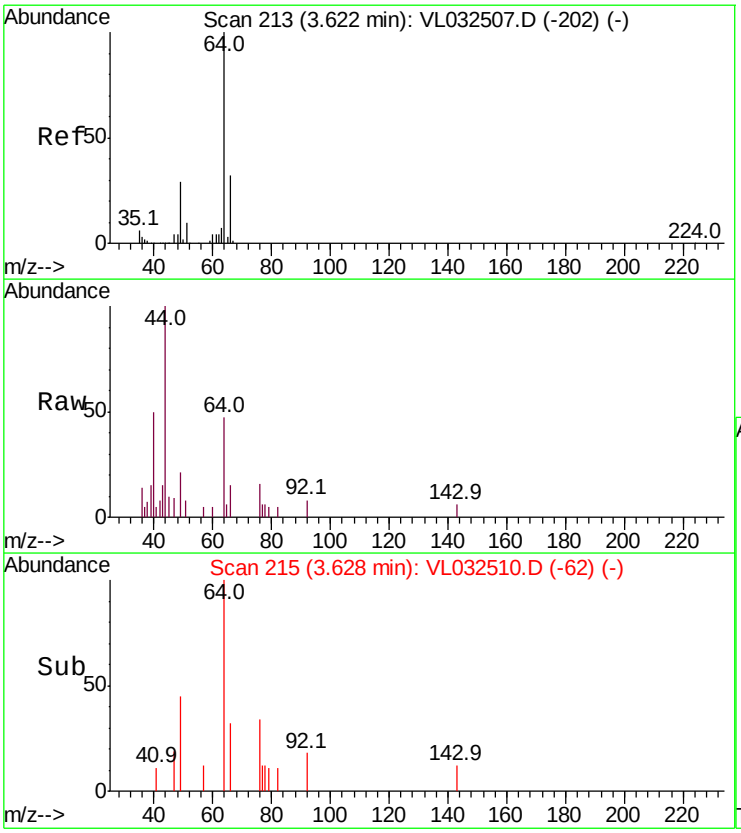
#5
Vinyl Chloride
Concen: 0.086 ppbv
RT: 3.32 min Scan# 118
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 6992

Ion	Ratio	Lower	Upper
62	100		
64	57.0	25.0	37.6#

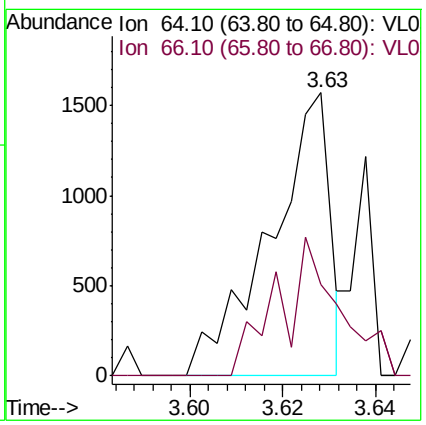


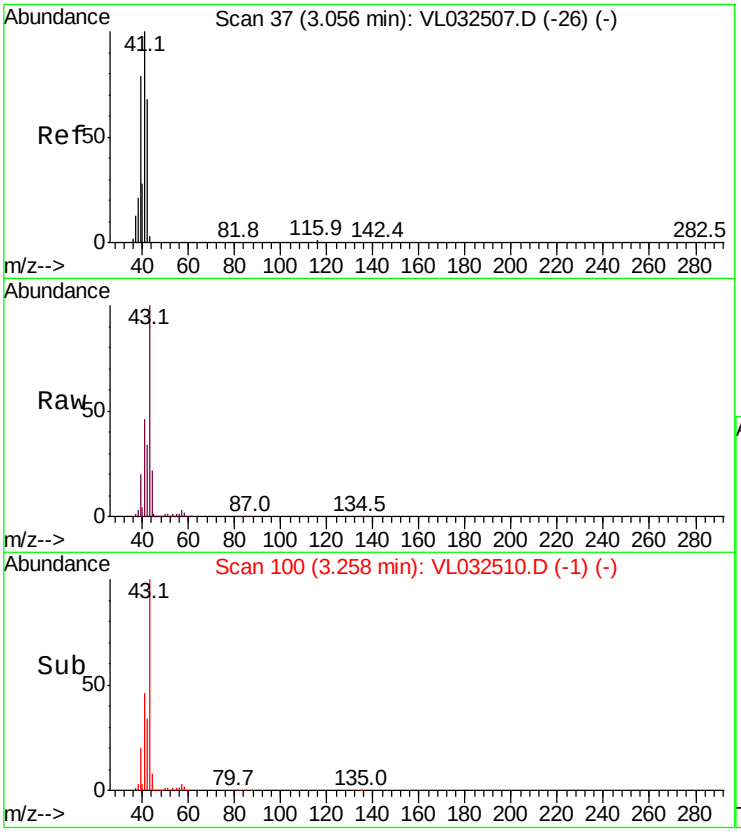


#7
Chloroethane
Concen: 0.050 ppbv
RT: 3.63 min Scan# 215
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 64 Resp: 1406

Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.8	38.6



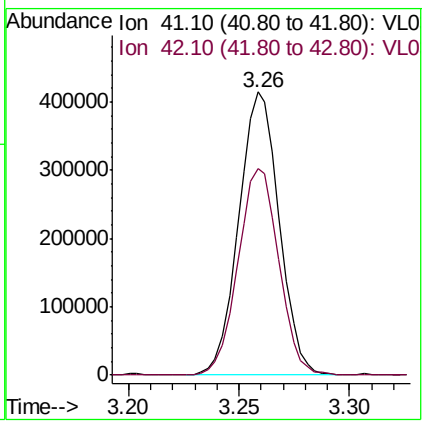


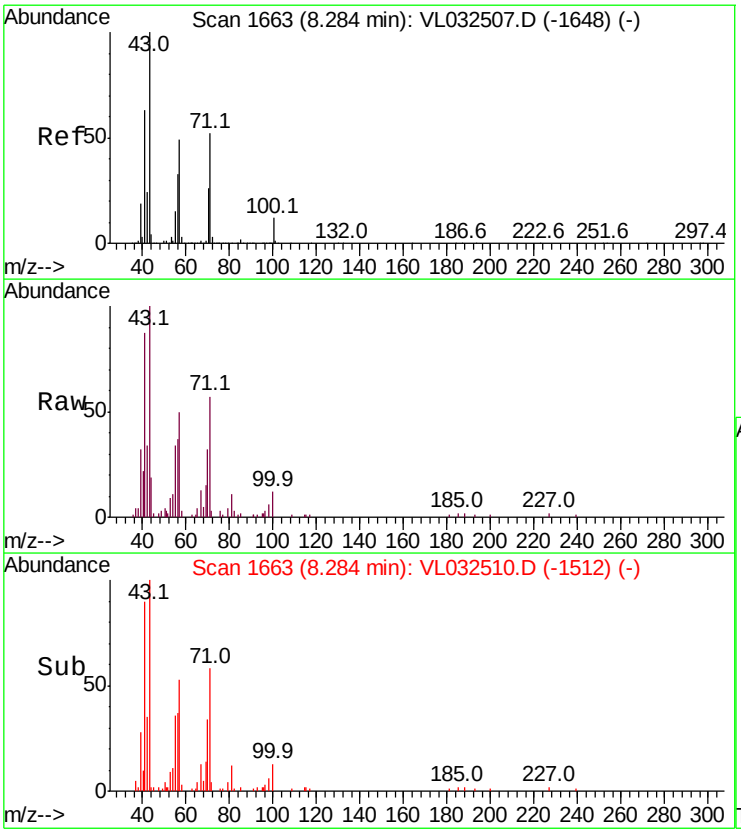
#9
Propene
Concen: 9.575 ppbv
RT: 3.26 min Scan# 100
Delta R.T. 0.19 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 526391

Ion	Ratio	Lower	Upper
41	100		
42	73.6	56.6	84.8

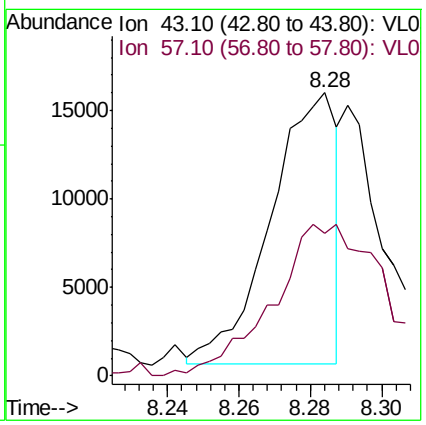


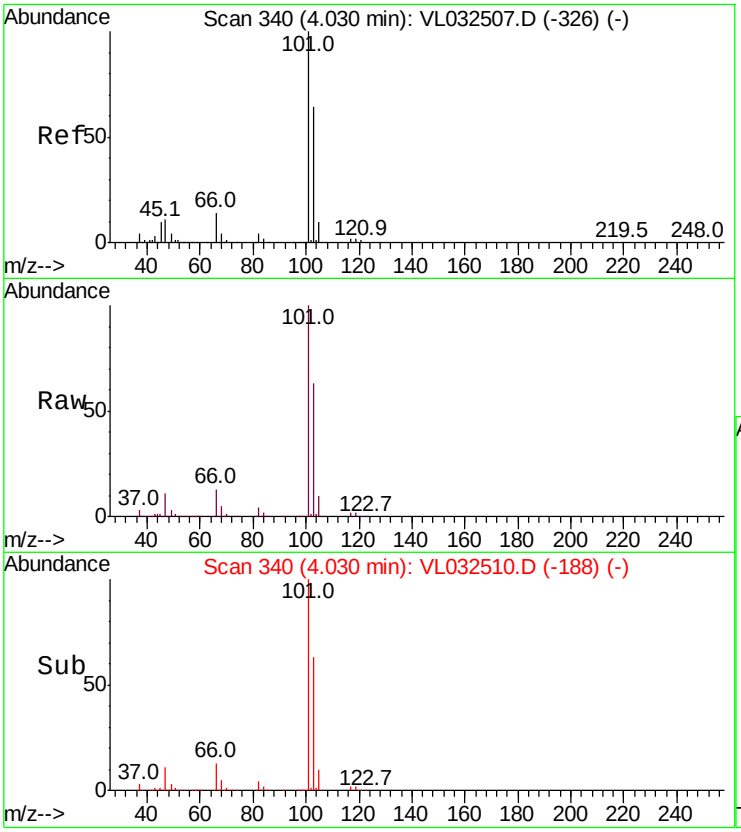


#10
Heptane
Concen: 0.099 ppbv
RT: 8.28 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 43 Resp: 19616

Ion	Ratio	Lower	Upper
43	100		
57	93.5	39.6	59.4#



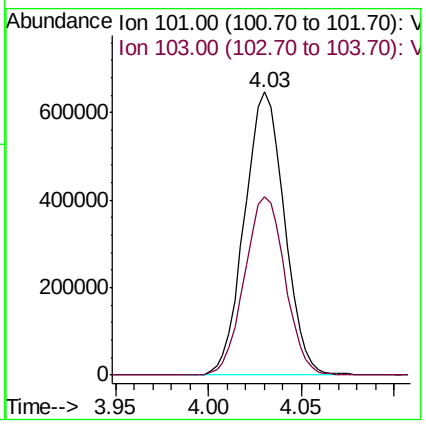


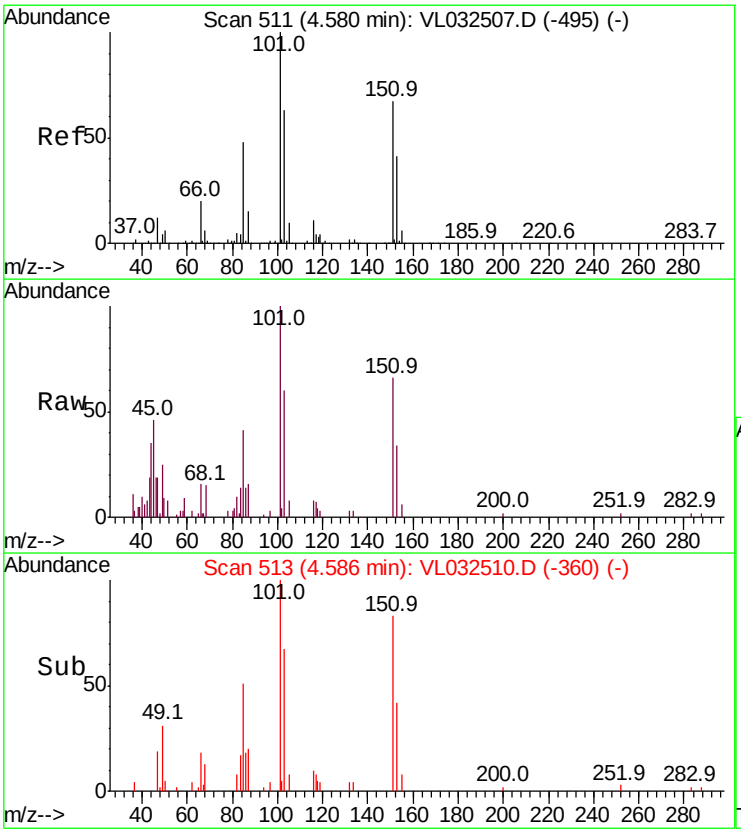
#11
Trichlorofluoromethane
Concen: 5.611 ppbv
RT: 4.03 min Scan# 340
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 974318

Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.8	79.2

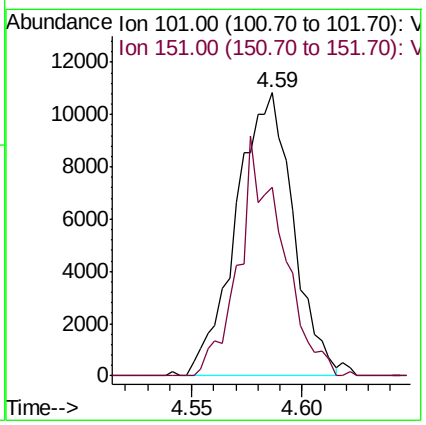


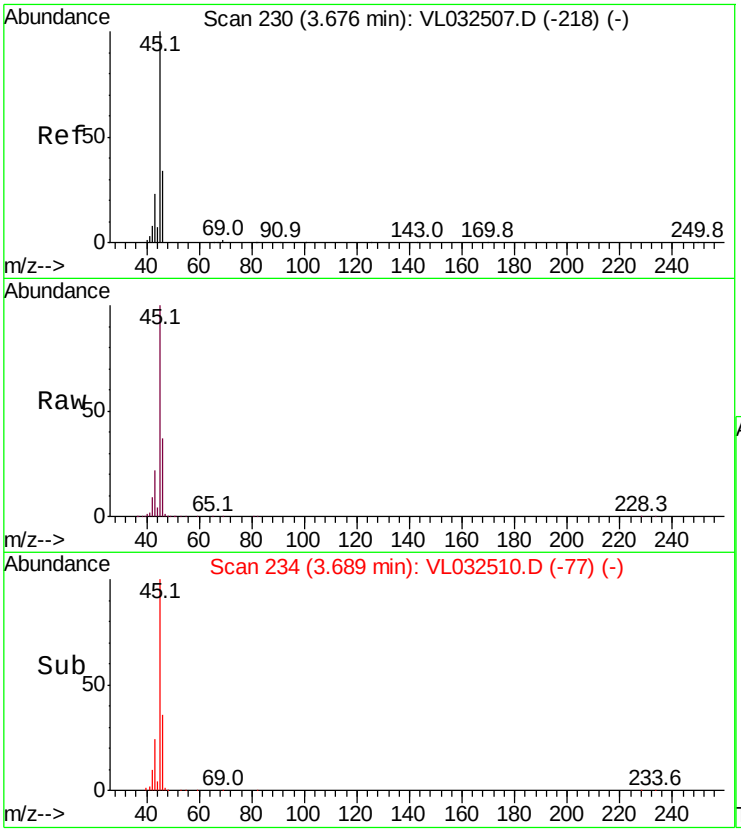


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.165 ppbv
RT: 4.59 min Scan# 513
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion:101 Resp: 19447

Ion	Ratio	Lower	Upper
101	100		
151	64.5	52.6	78.8



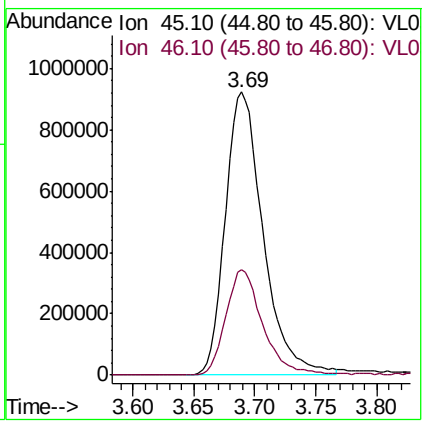


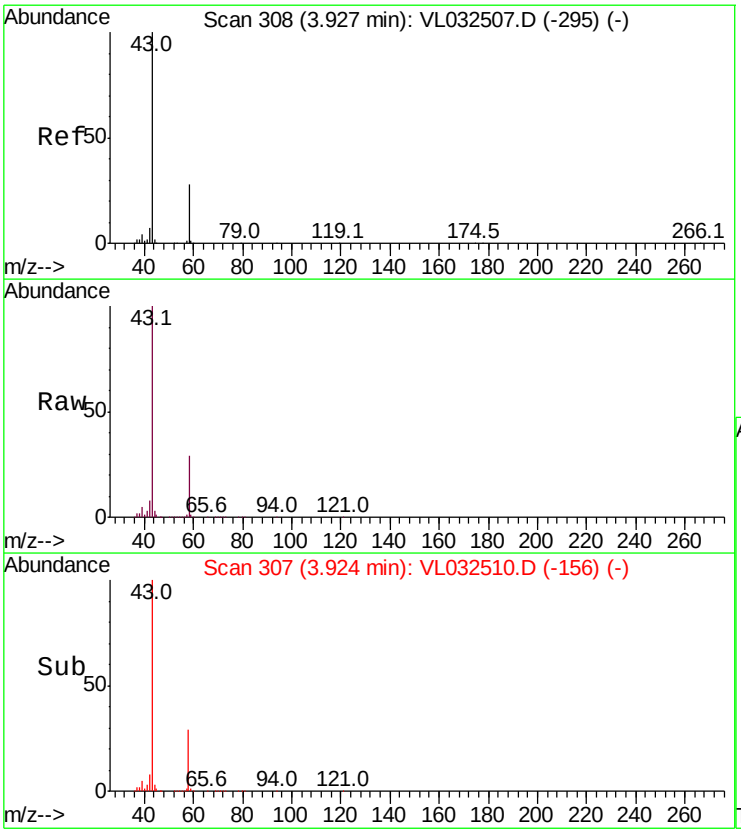
#13
Ethanol
Concen: 116.627 ppbv
RT: 3.69 min Scan# 234
Delta R.T. 0.00 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1998574

Ion	Ratio	Lower	Upper
45	100		
46	36.9	14.2	56.8

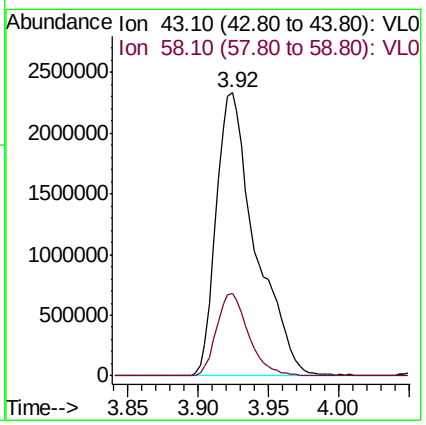


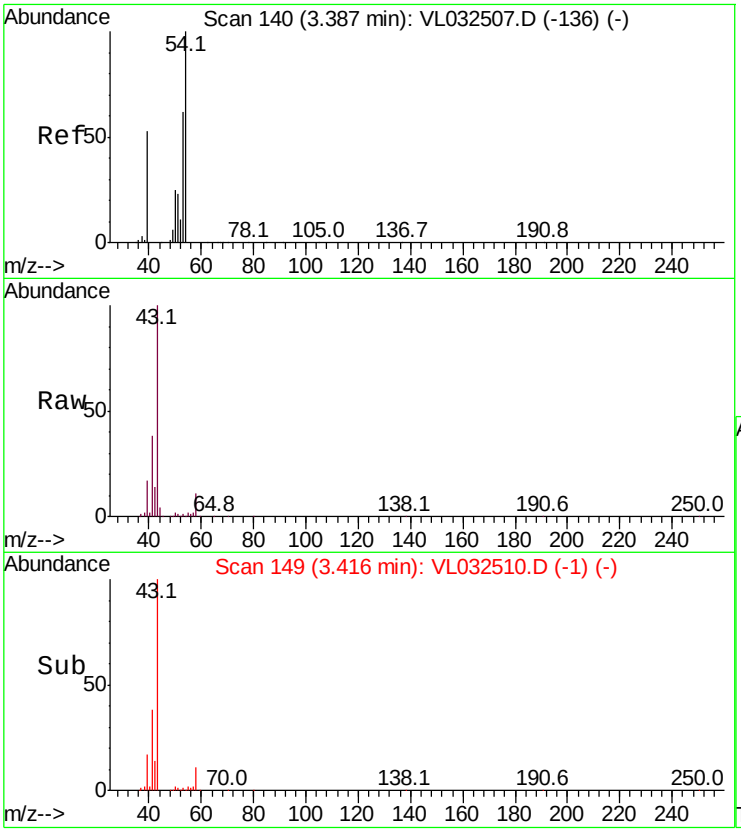


#15
Acetone
Concen: 33.293 ppbv
RT: 3.92 min Scan# 307
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 43 Resp: 4513905

Ion	Ratio	Lower	Upper
43	100		
58	23.9	22.6	33.8



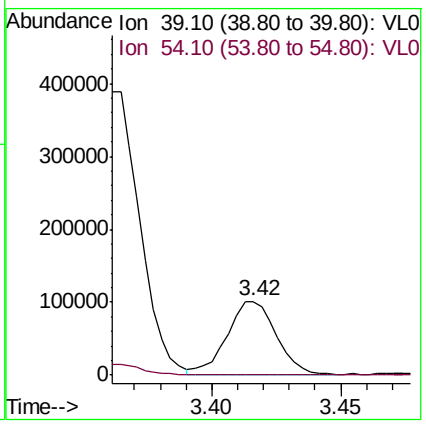


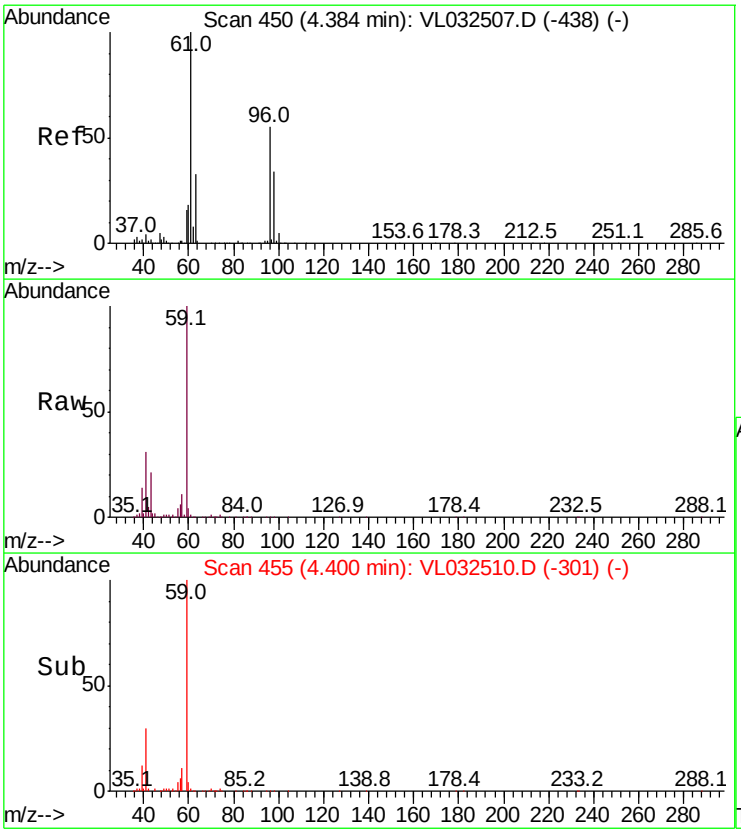
#16
1,3-Butadiene
Concen: 2.083 ppbv
RT: 3.42 min Scan# 149
Delta R.T. 0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 132862

Ion	Ratio	Lower	Upper
39	100		
54	0.0	80.8	121.2#

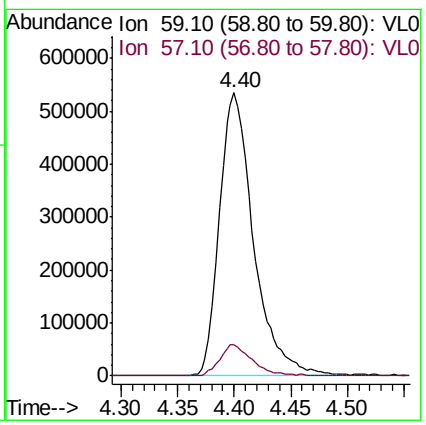


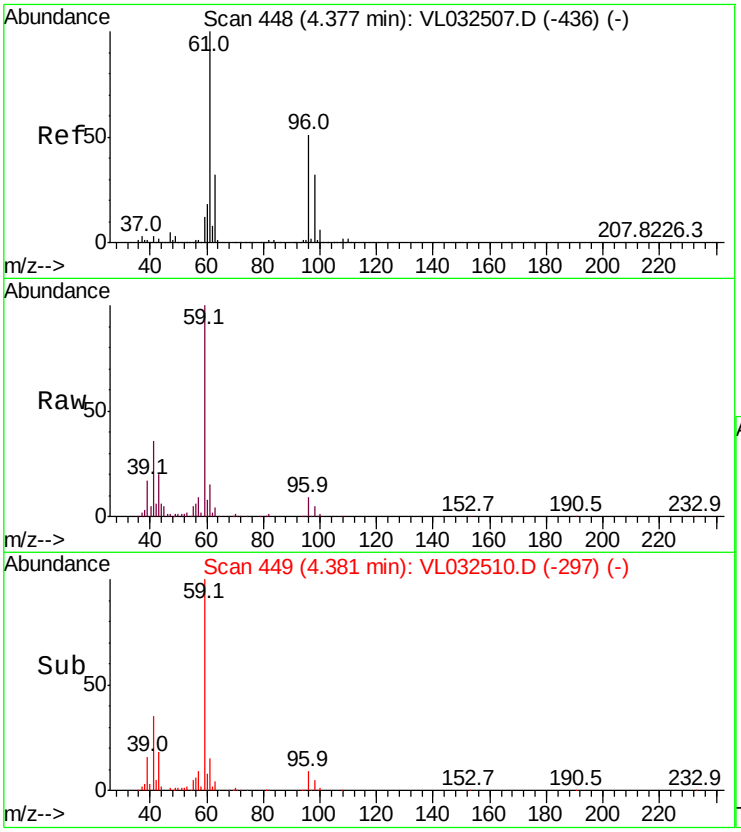


#17
tert-Butyl alcohol
Concen: 53.878 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 59 Resp: 1124127

Ion	Ratio	Lower	Upper
59	100		
57	10.8	0.0	0.0#



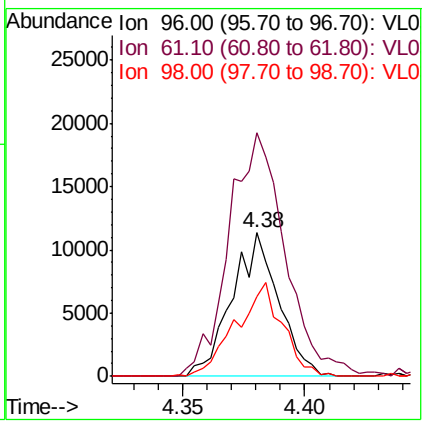


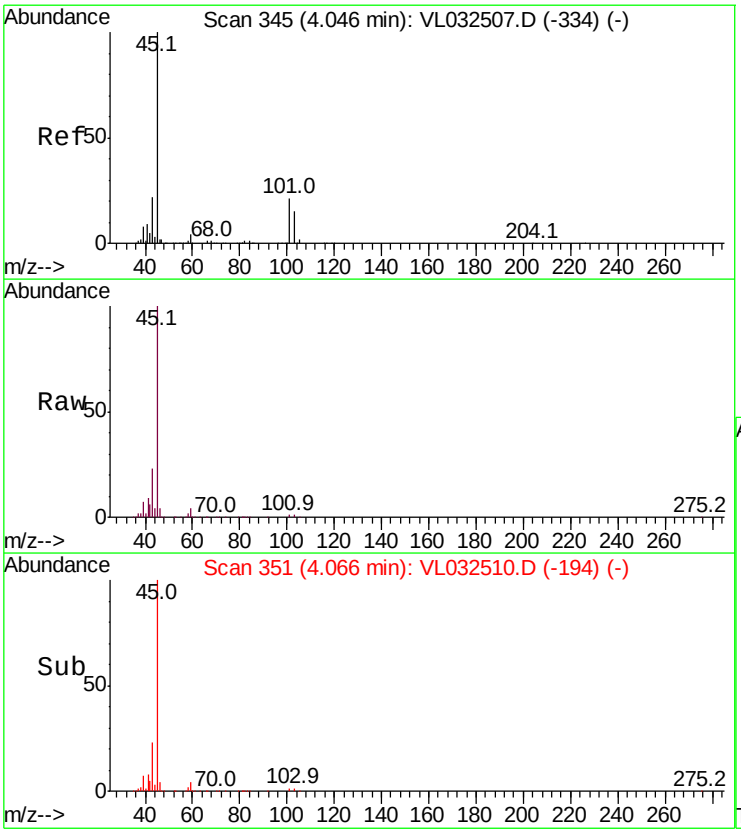
#18
1,1-Dichloroethene
Concen: 0.281 ppbv
RT: 4.38 min Scan# 449
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 15098

Ion	Ratio	Lower	Upper
96	100		
61	164.4	159.2	238.8
98	55.8	51.0	76.4

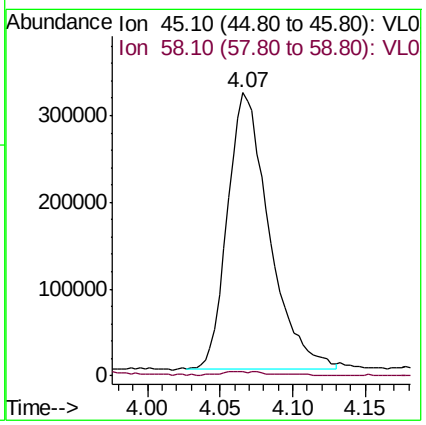


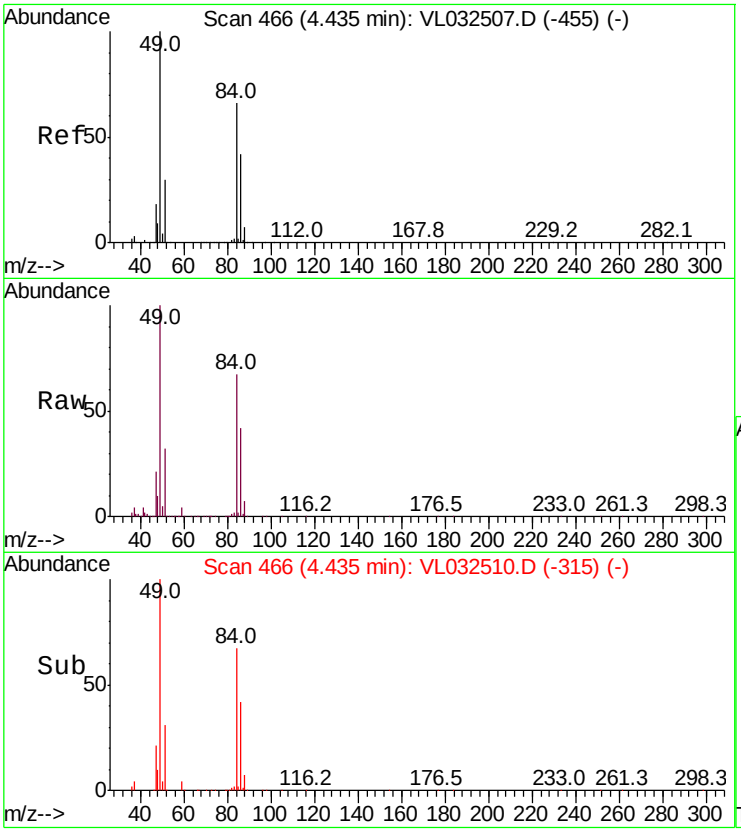


#19
Isopropyl Alcohol
Concen: 7.172 ppbv
RT: 4.07 min Scan# 351
Delta R.T. 0.00 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 45 Resp: 637875

Ion	Ratio	Lower	Upper
45	100		
58	169.3	2.0	3.0#



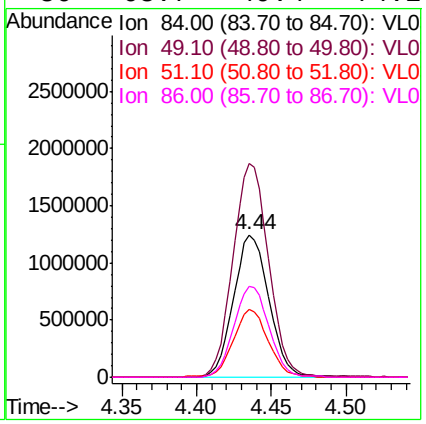


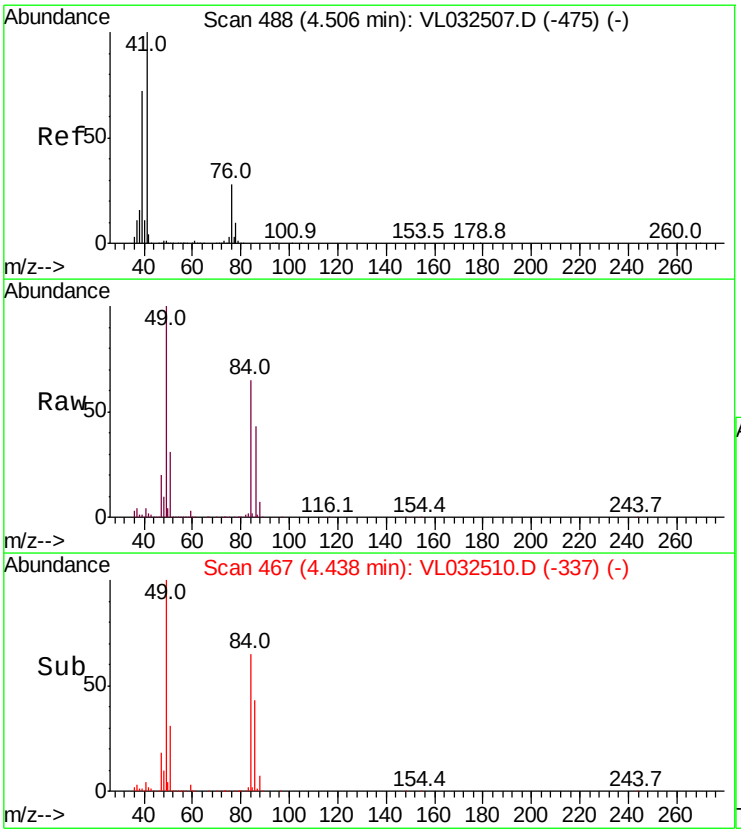
#20
Methylene Chloride
Concen: 39.671 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 2050895

Ion	Ratio	Lower	Upper
84	100		
49	149.9	119.1	178.7
51	47.3	35.2	52.8
86	63.7	49.4	74.2

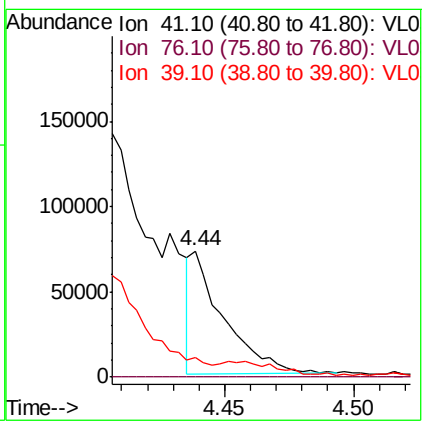


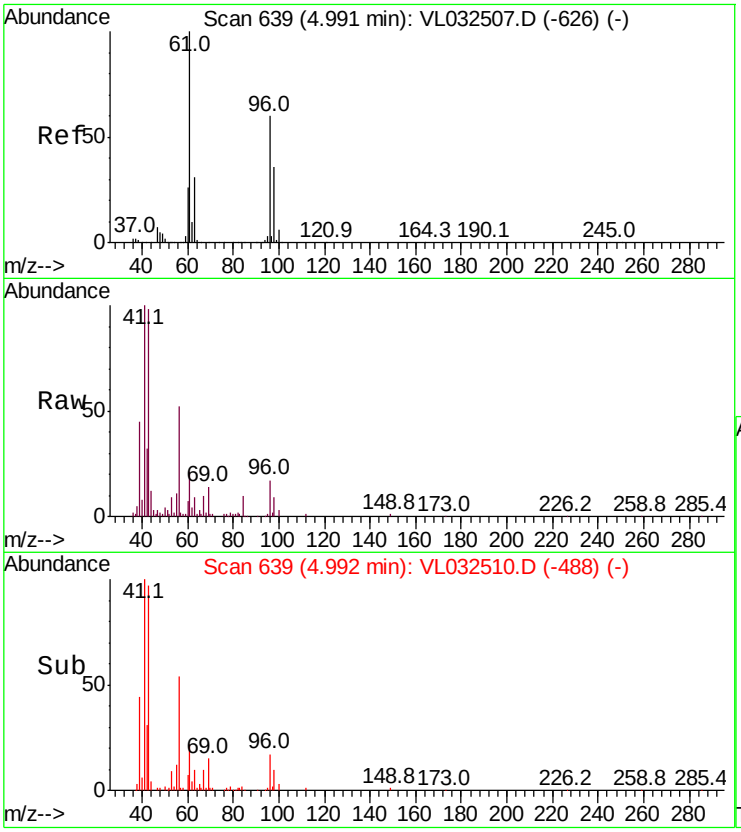


#21
Allyl Chloride
Concen: 0.699 ppbv
RT: 4.44 min Scan# 467
Delta R.T. -0.08 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 41 Resp: 62965

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	0.0	57.7	86.5#



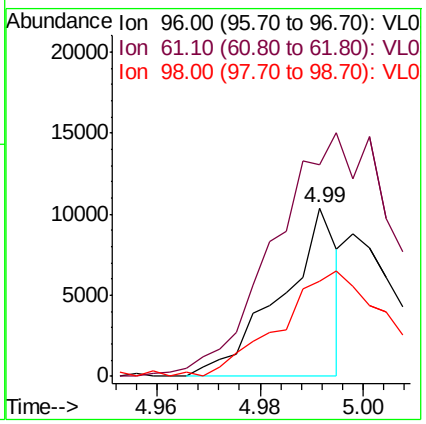


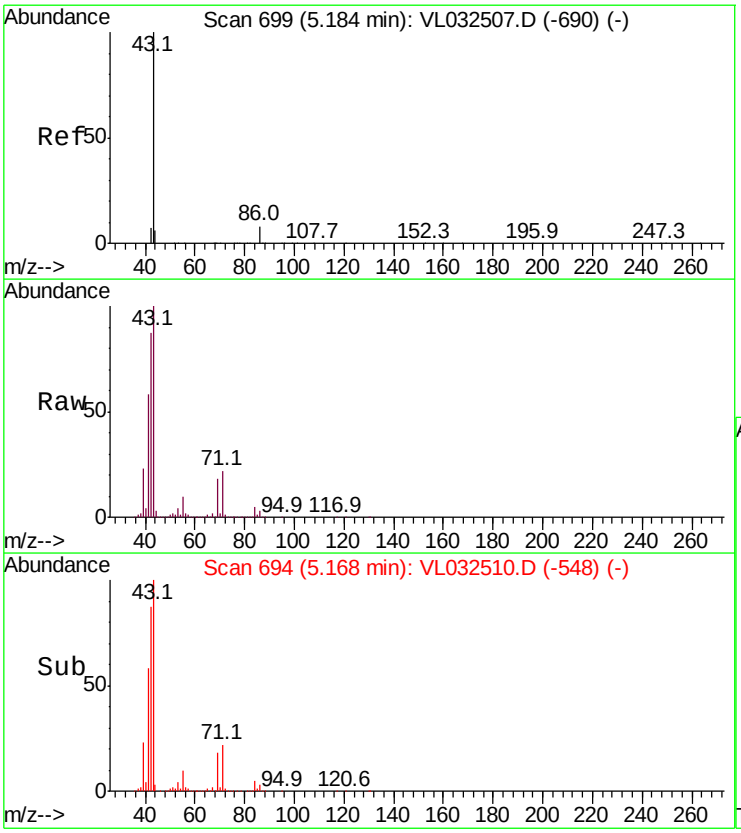
#22
trans-1,2-Dichloroethene
Concen: 0.134 ppbv
RT: 4.99 min Scan# 639
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 7838

Ion	Ratio	Lower	Upper
96	100		
61	120.7	136.2	204.4#
98	53.8	50.4	75.6

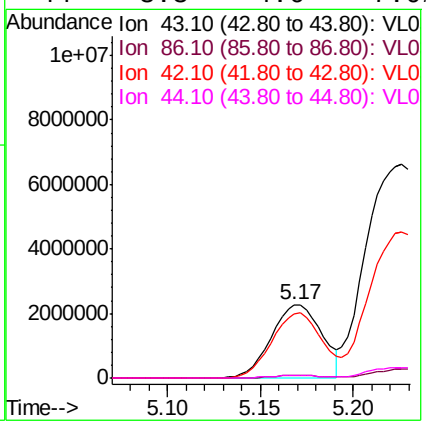


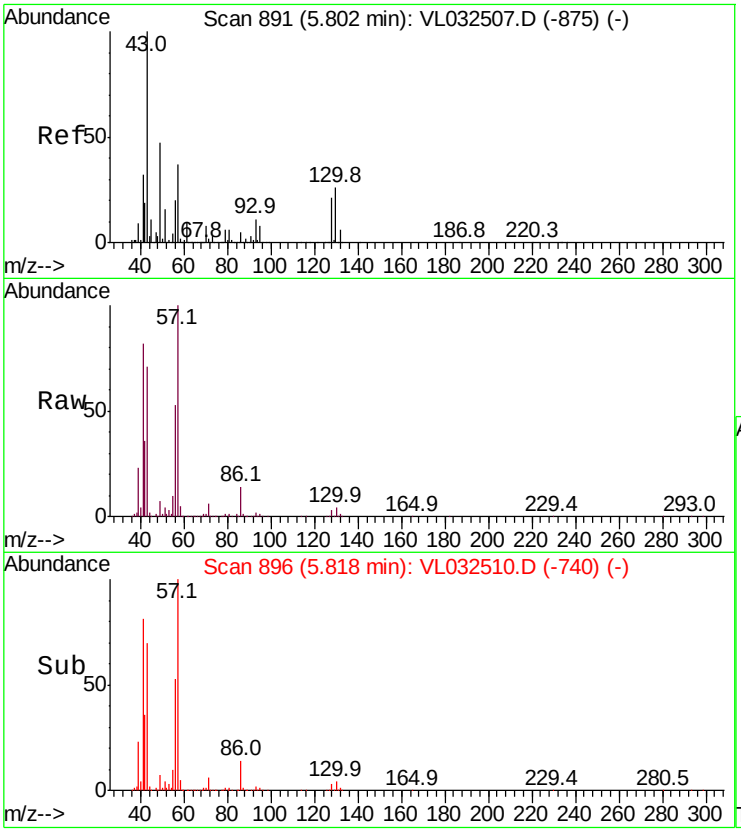


#23
Vinyl Acetate
Concen: 19.183 ppbv
RT: 5.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 43 Resp: 4311056

Ion	Ratio	Lower	Upper
43	100		
86	3.2	5.9	8.9#
42	87.2	6.9	10.3#
44	3.3	4.6	7.0#



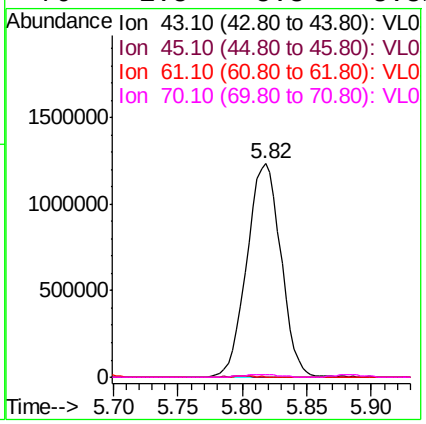


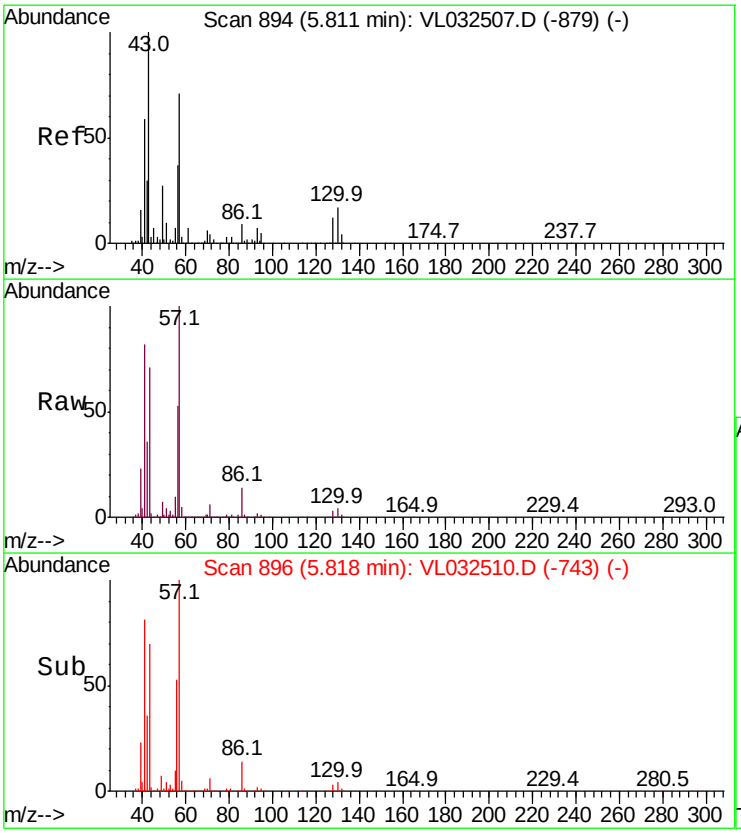
#25
Ethyl Acetate
Concen: 7.098 ppbv
RT: 5.82 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2272567

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.0	12.0#
61	0.5	7.6	11.4#
70	1.5	5.8	8.8#

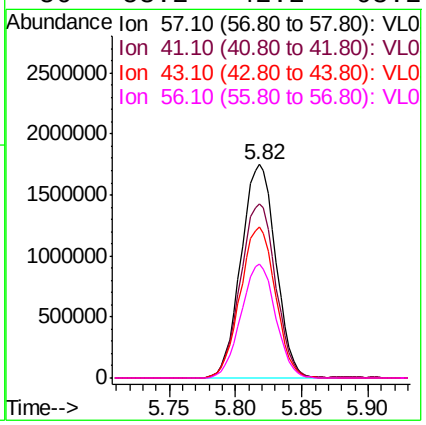


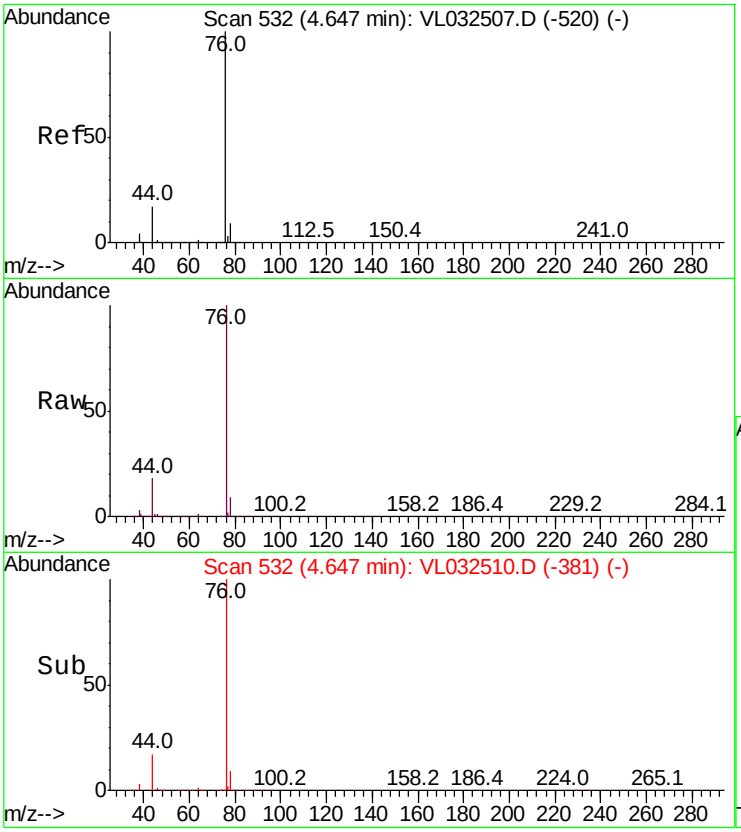


#26
Hexane
Concen: 22.190 ppbv
RT: 5.82 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 57 Resp: 3181234

Ion	Ratio	Lower	Upper
57	100		
41	83.2	69.0	103.4
43	71.7	172.1	258.1#
56	53.2	42.2	63.2



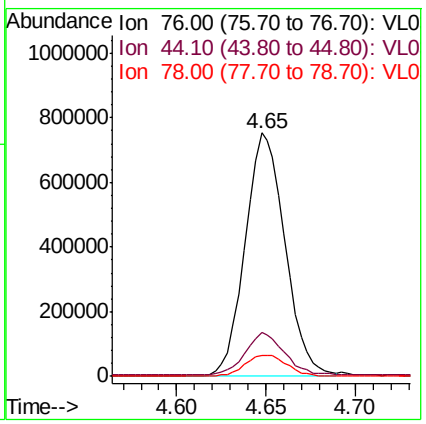


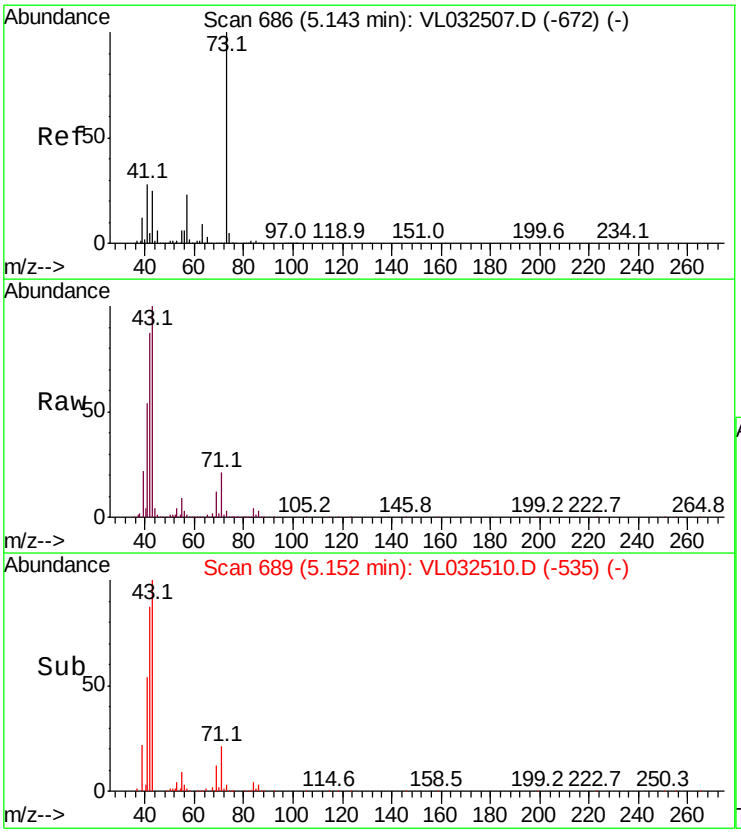
#27
Carbon Disulfide
Concen: 8.927 ppbv
RT: 4.65 min Scan# 532
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1181388

Ion	Ratio	Lower	Upper
76	100		
44	17.4	14.0	21.0
78	9.5	7.5	11.3

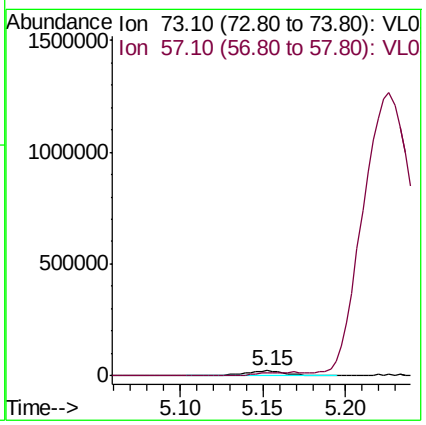


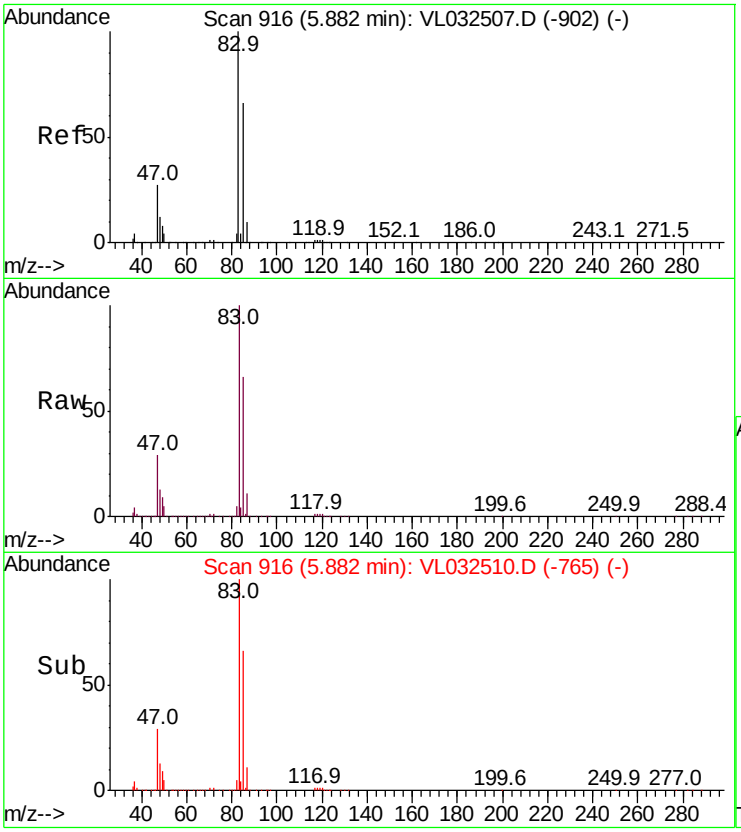


#28
Methyl tert-Butyl Ether
Concen: 0.230 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 73 Resp: 40557

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.3	28.9#



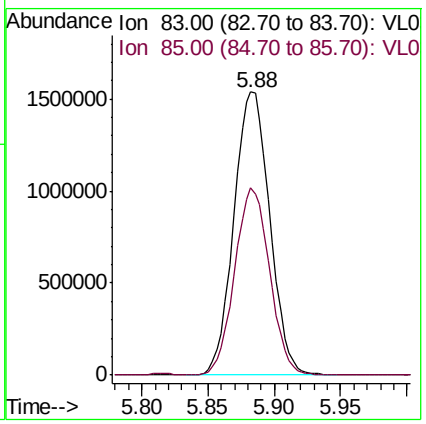


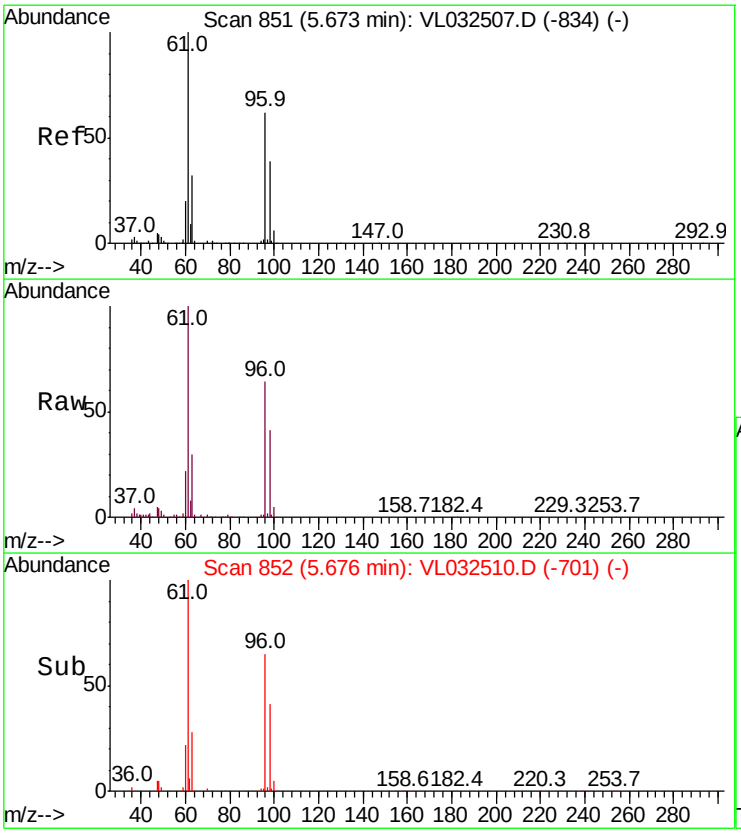
#29
Chloroform
Concen: 13.209 ppbv
RT: 5.88 min Scan# 916
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 2887403

Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.5	78.7

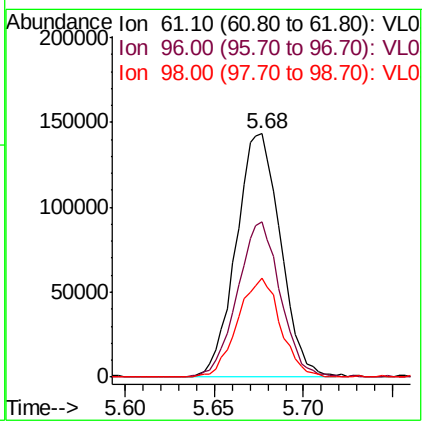


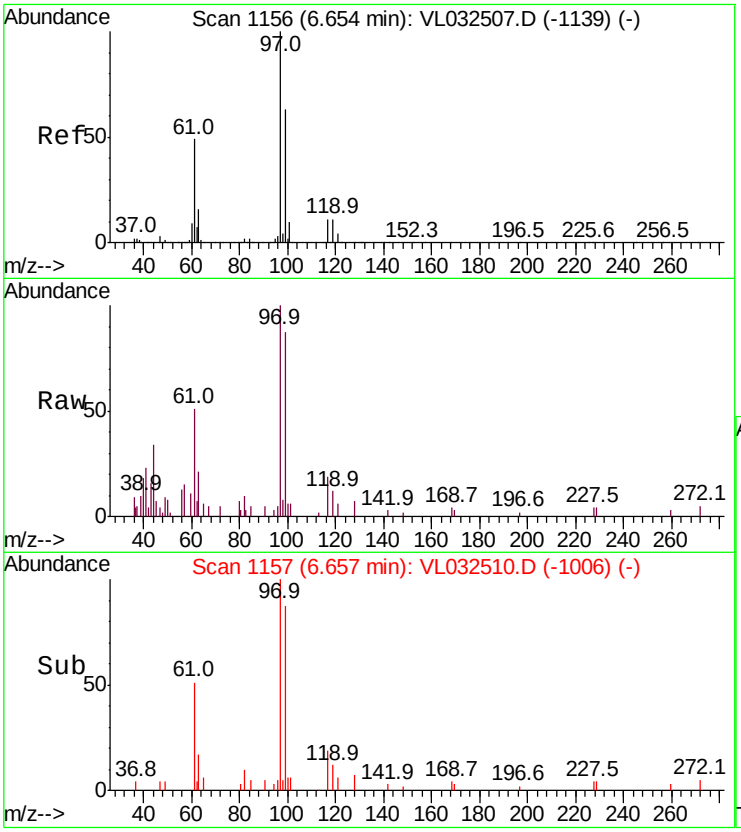


#31
cis-1,2-Dichloroethene
Concen: 1.916 ppbv
RT: 5.68 min Scan# 852
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 61 Resp: 248760

Ion	Ratio	Lower	Upper
61	100		
96	63.9	49.2	73.8
98	40.5	30.7	46.1



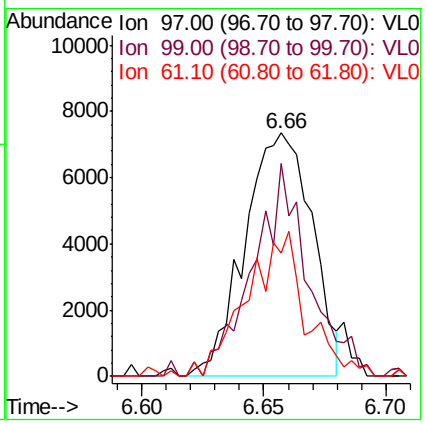


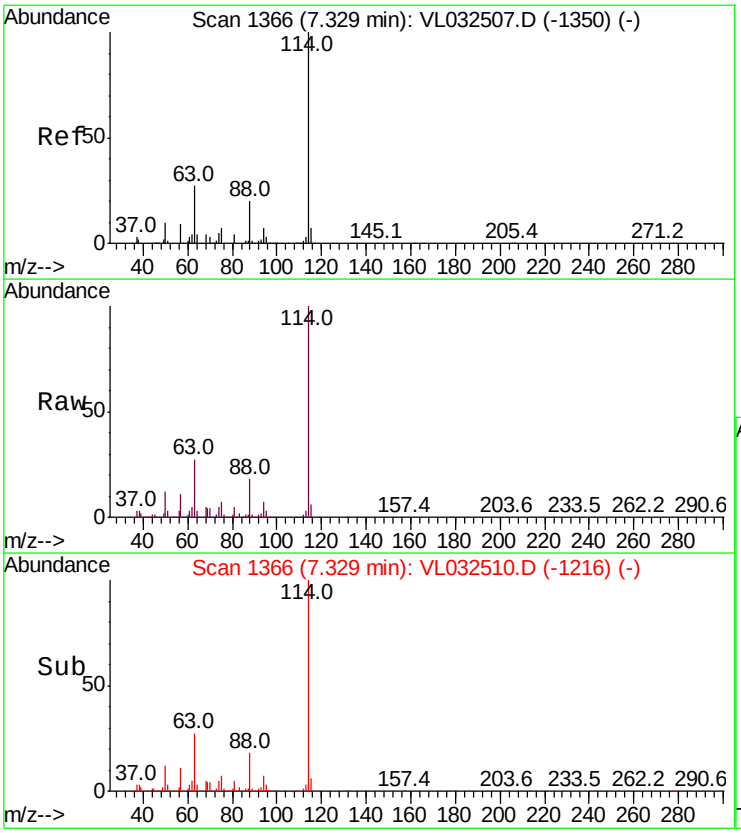
#32
1,1,1-Trichloroethane
Concen: 0.069 ppbv
RT: 6.66 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 14045

Ion	Ratio	Lower	Upper
97	100		
99	73.3	52.1	78.1
61	53.3	42.5	63.7

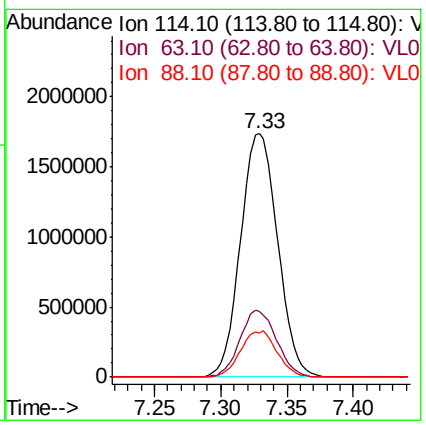


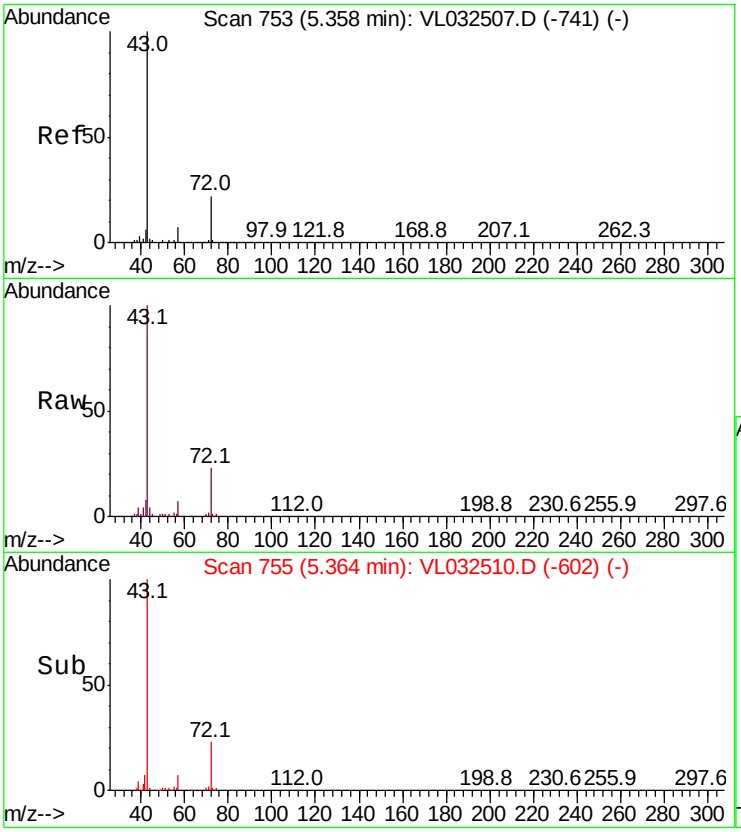


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.33 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion:114 Resp: 3382207

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	18.6	15.0	22.4



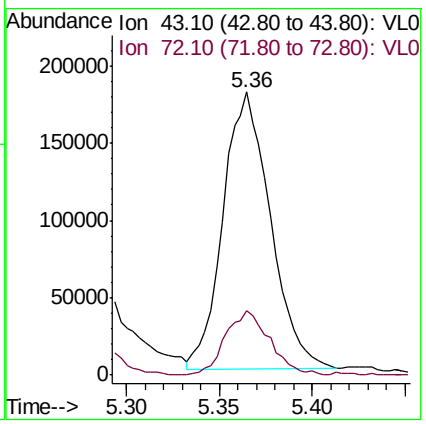


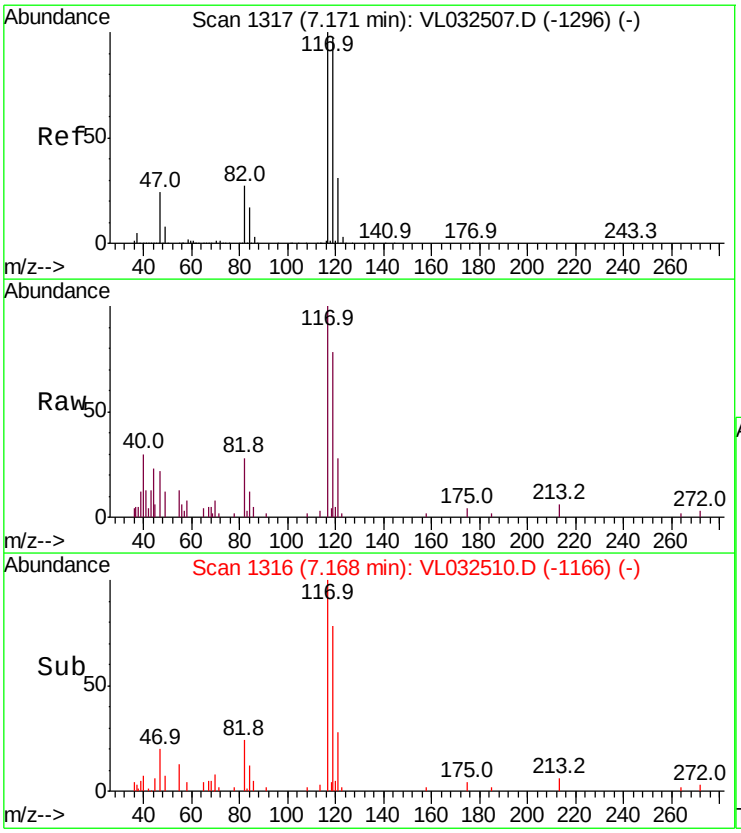
#34
2-Butanone
Concen: 1.411 ppbv
RT: 5.36 min Scan# 755
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 316963

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.8	26.6

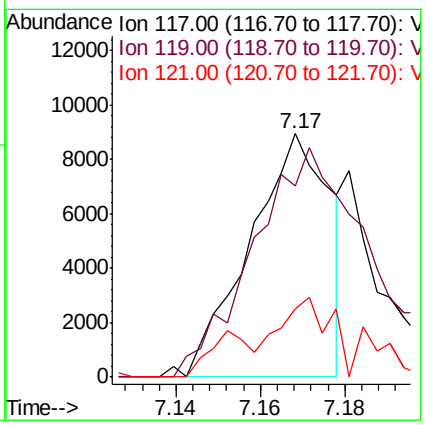


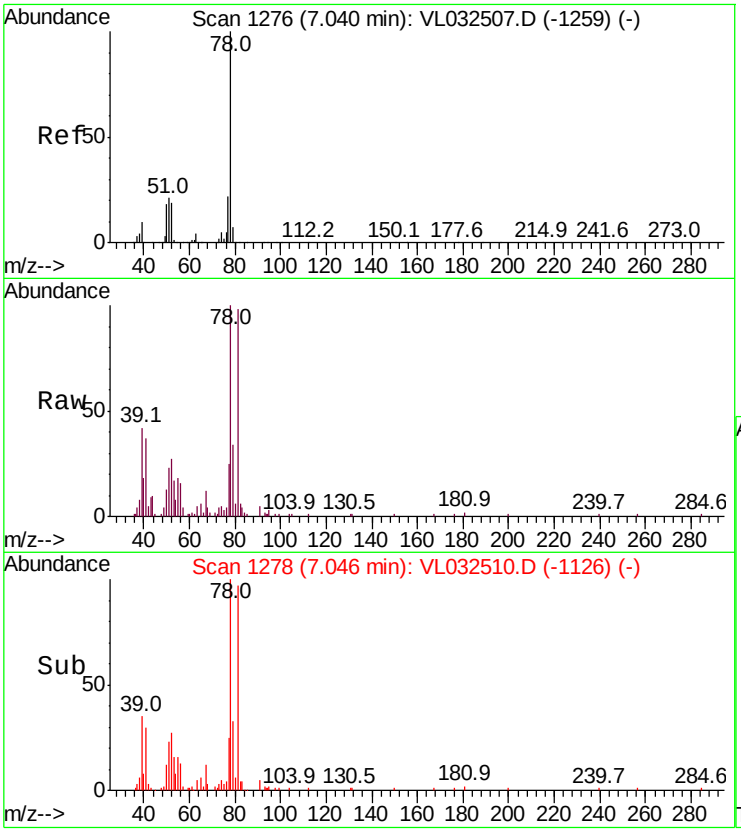


#35
Carbon Tetrachloride
Concen: 0.051 ppbv
RT: 7.17 min Scan# 1316
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion:117 Resp: 11670

Ion	Ratio	Lower	Upper
117	100		
119	69.8	76.6	115.0#
121	28.1	24.6	36.8



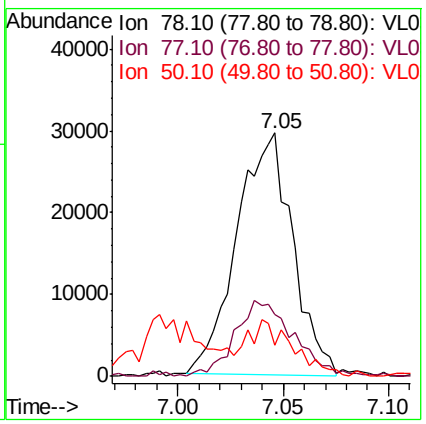


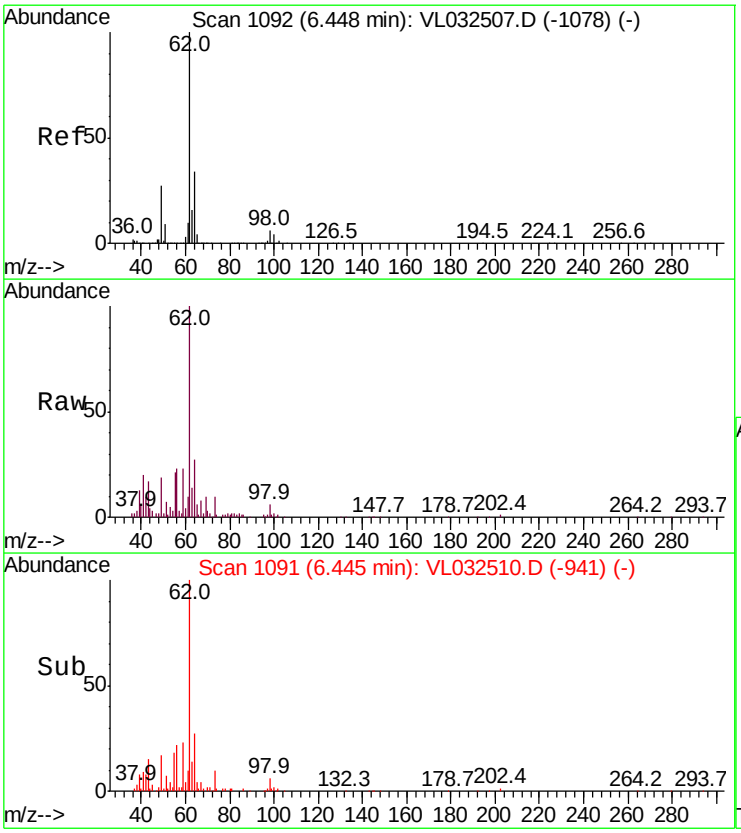
#36
Benzene
Concen: 0.190 ppbv
RT: 7.05 min Scan# 1278
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 54701

Ion	Ratio	Lower	Upper
78	100		
77	25.7	18.4	27.6
50	10.1	14.4	21.6#

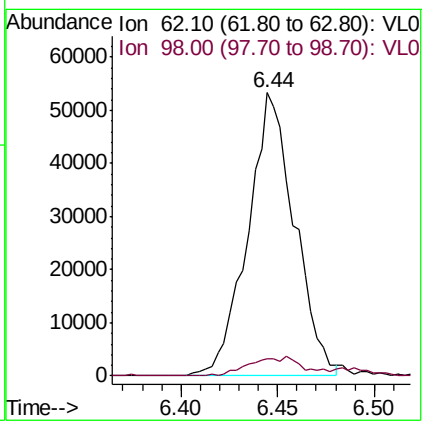


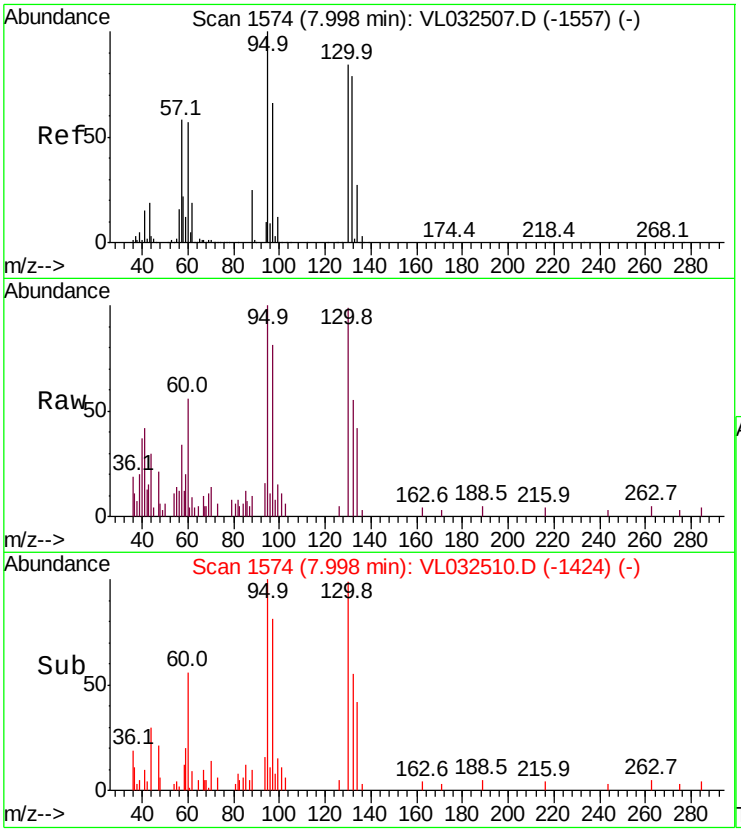


#37
1,2-Dichloroethane
Concen: 0.508 ppbv
RT: 6.44 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 62 Resp: 89643

Ion	Ratio	Lower	Upper
62	100		
98	9.9	5.0	7.6#



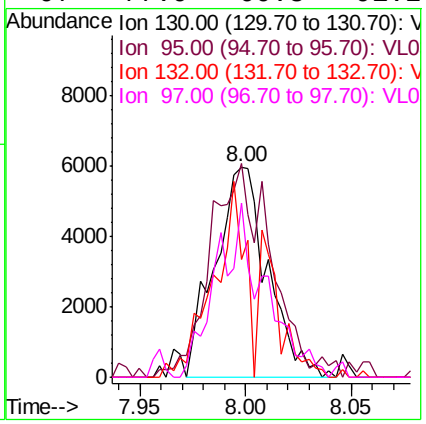


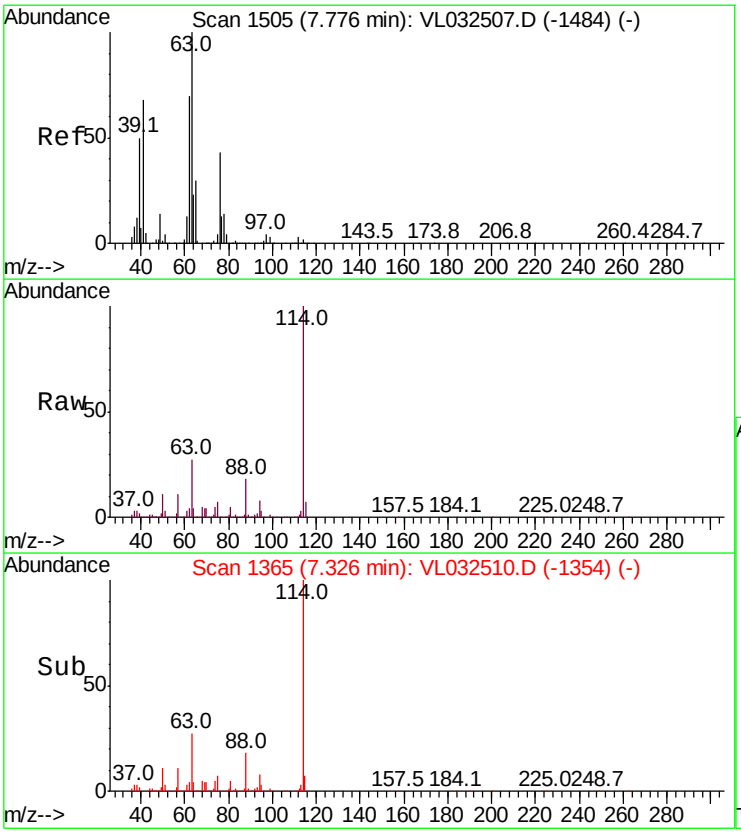
#38
Trichloroethene
Concen: 0.095 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 10372

Ion	Ratio	Lower	Upper
130	100		
95	93.8	94.2	141.4#
132	55.9	76.2	114.4#
97	77.9	60.8	91.2

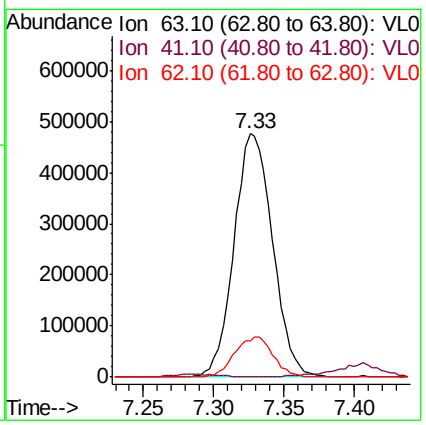


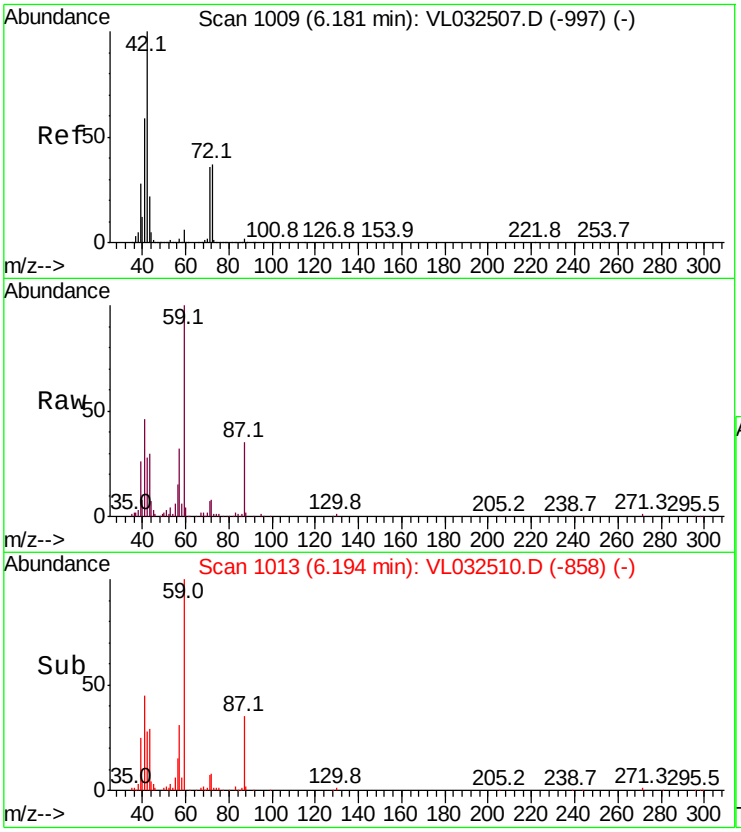


#39
1,2-Dichloropropane
Concen: 7.388 ppbv
RT: 7.33 min Scan# 1365
Delta R.T. -0.46 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 63 Resp: 909794

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	14.8	55.4	83.0#



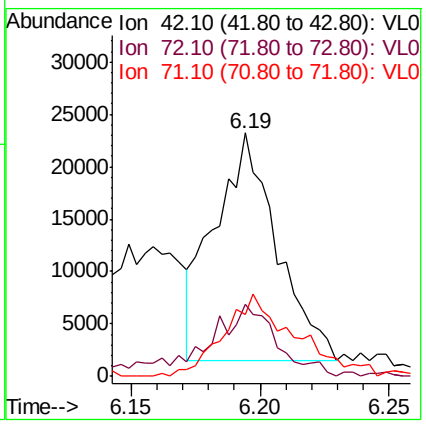


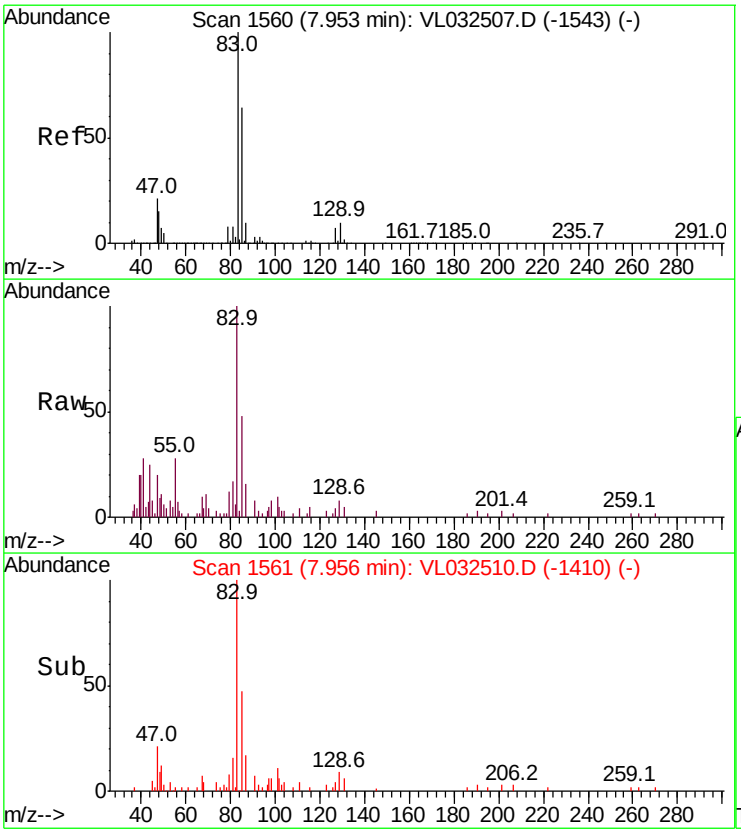
#41
Tetrahydrofuran
Concen: 0.301 ppbv
RT: 6.19 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 36795

Ion	Ratio	Lower	Upper
42	100		
72	39.8	29.5	44.3
71	42.8	28.3	42.5#

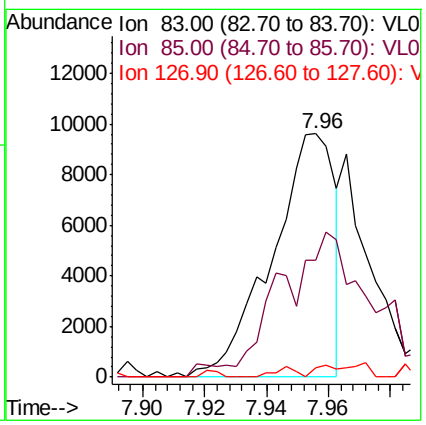


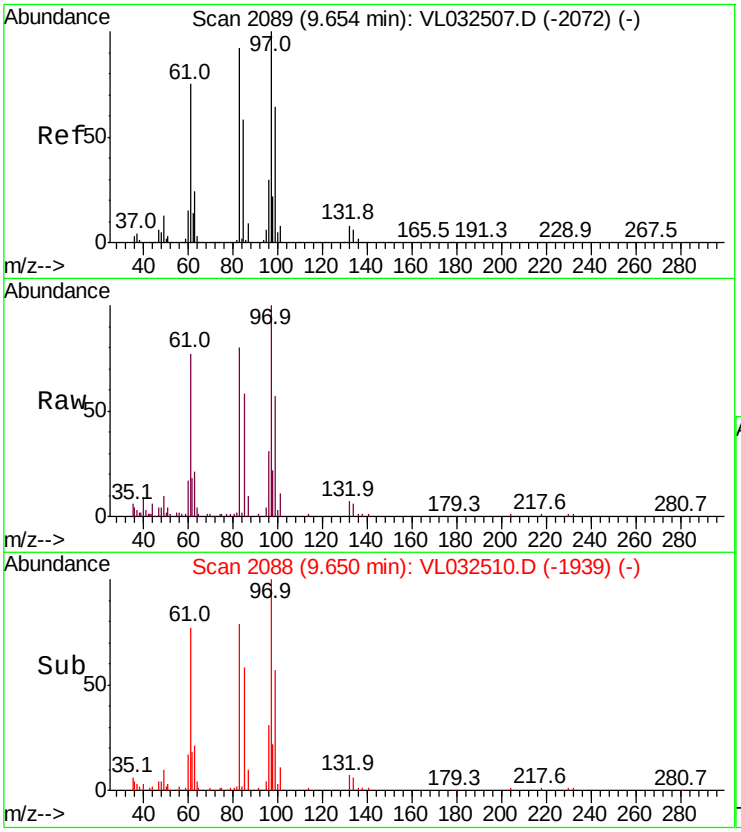


#42
Bromodichloromethane
Concen: 0.056 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 83 Resp: 13514

Ion	Ratio	Lower	Upper
83	100		
85	48.0	51.1	76.7#
127	4.0	5.8	8.8#



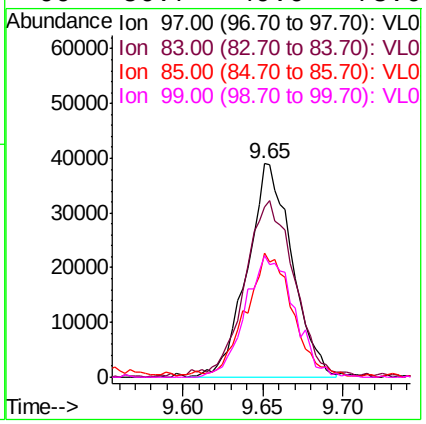


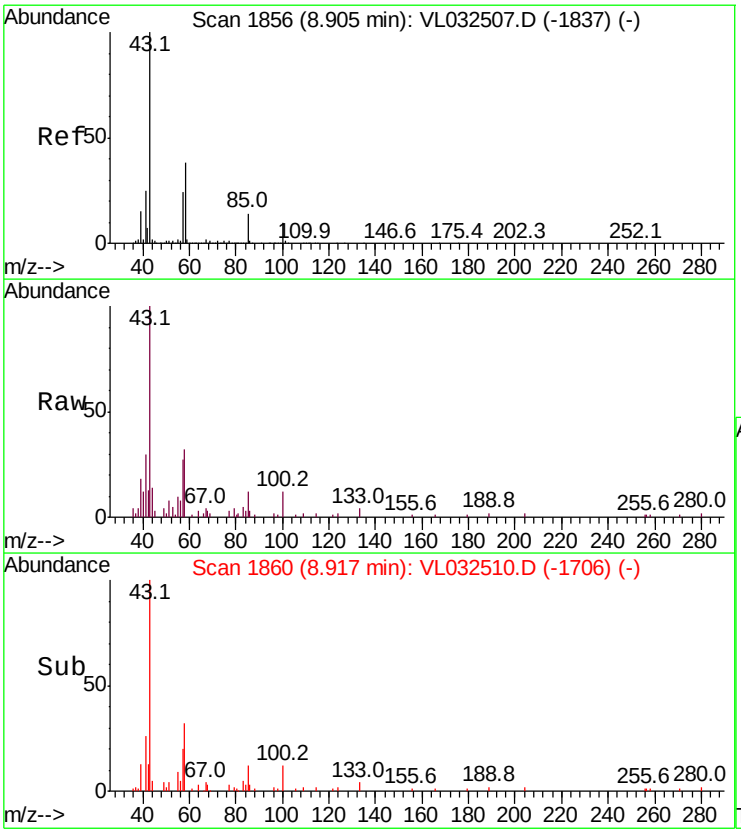
#47
1,1,2-Trichloroethane
Concen: 0.573 ppbv
RT: 9.65 min Scan# 2088
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 75019

Ion	Ratio	Lower	Upper
97	100		
83	78.6	75.0	112.4
85	56.5	47.5	71.3
99	56.7	49.0	73.6

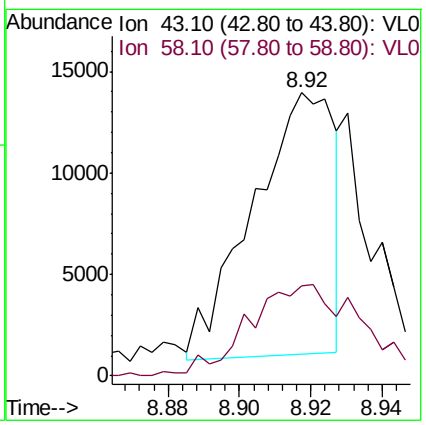


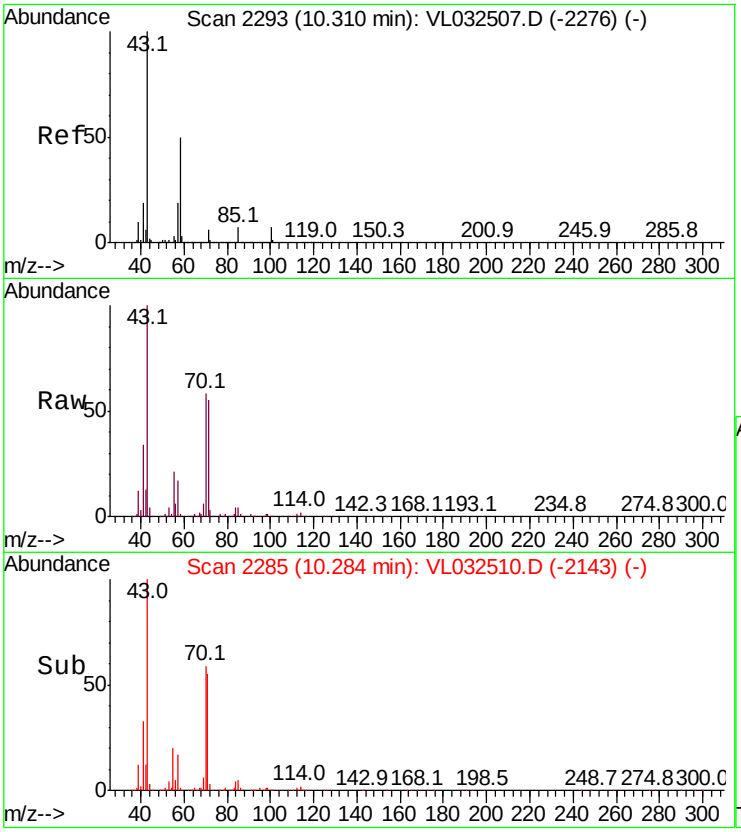


#50
4-Methyl-2-Pentanone
Concen: 0.061 ppbv
RT: 8.92 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 43 Resp: 20533

Ion	Ratio	Lower	Upper
43	100		
58	49.4	29.0	43.4#



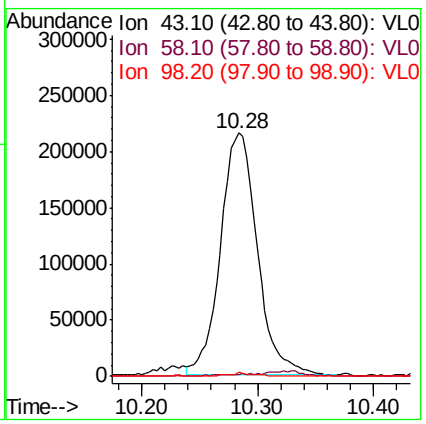


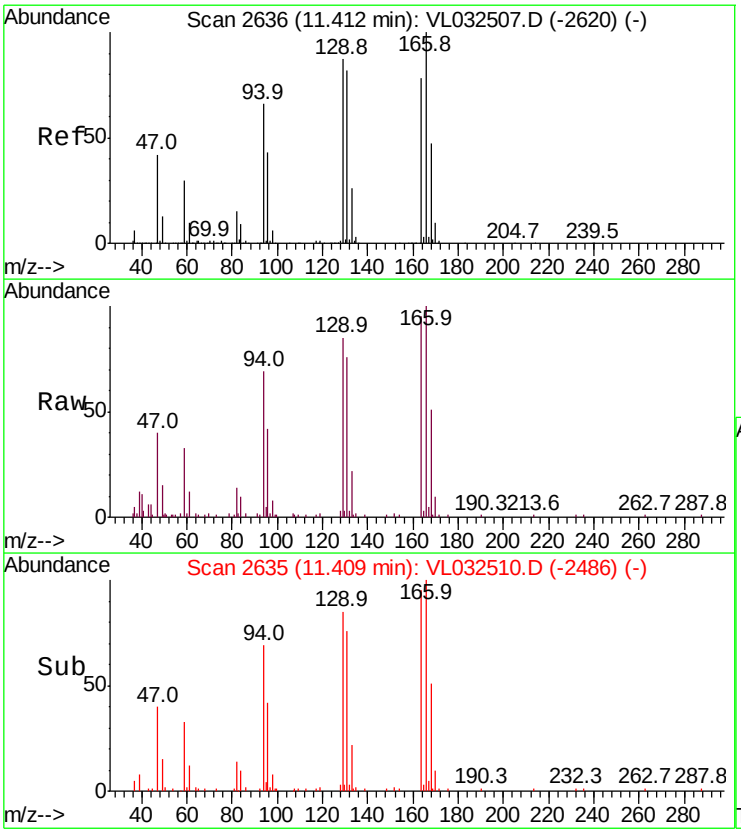
#51
2-Hexanone
Concen: 2.176 ppbv
RT: 10.28 min Scan# 2285
Delta R.T. -0.04 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 474305

Ion	Ratio	Lower	Upper
43	100		
58	3.1	39.2	58.8#
98	1.1	0.4	0.6#

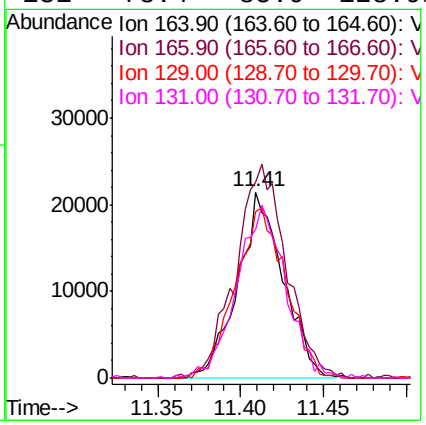


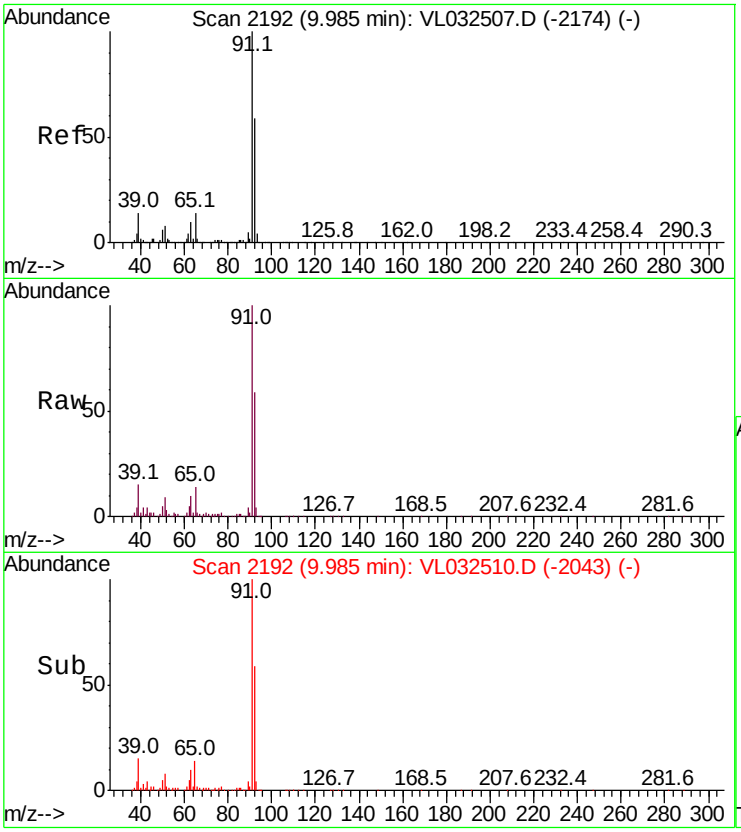


#52
Tetrachloroethene
Concen: 0.458 ppbv
RT: 11.41 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion:164 Resp: 40894

Ion	Ratio	Lower	Upper
164	100		
166	105.5	100.6	150.8
129	88.5	89.9	134.9#
131	78.4	85.9	128.9#



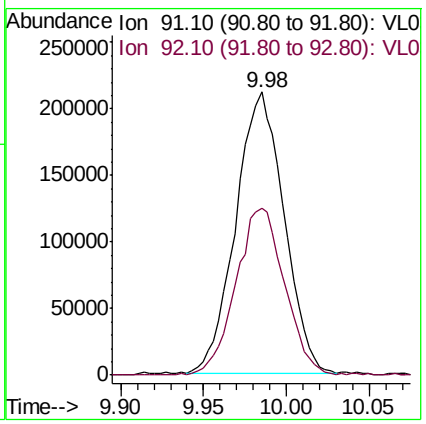


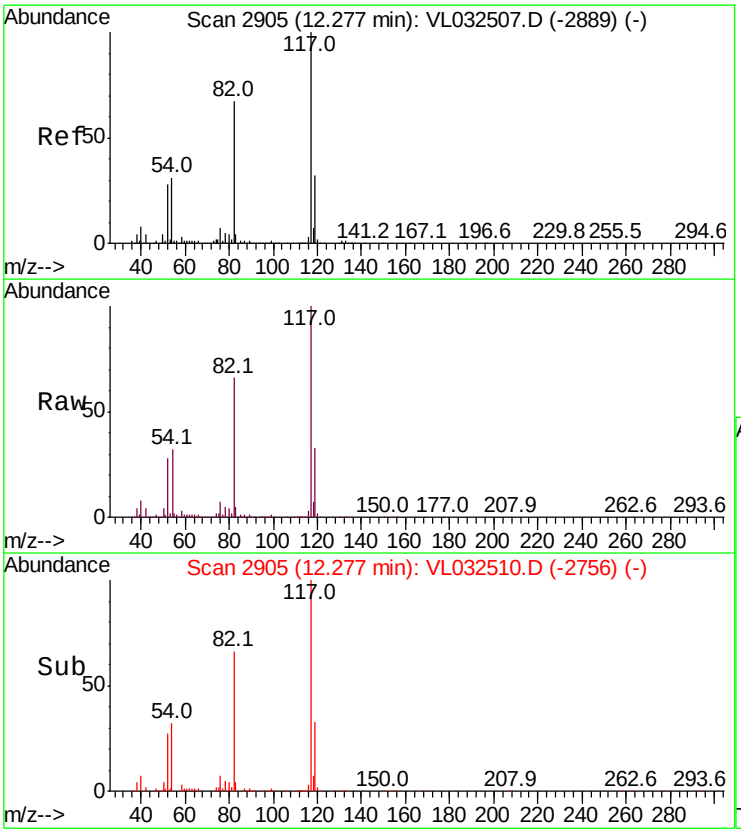
#53
Toluene
Concen: 1.430 ppbv
RT: 9.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 430268

Ion	Ratio	Lower	Upper
91	100		
92	60.0	48.1	72.1

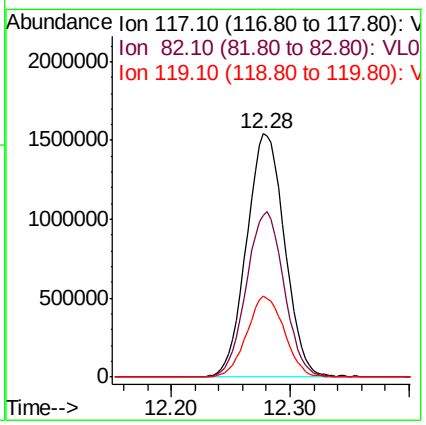


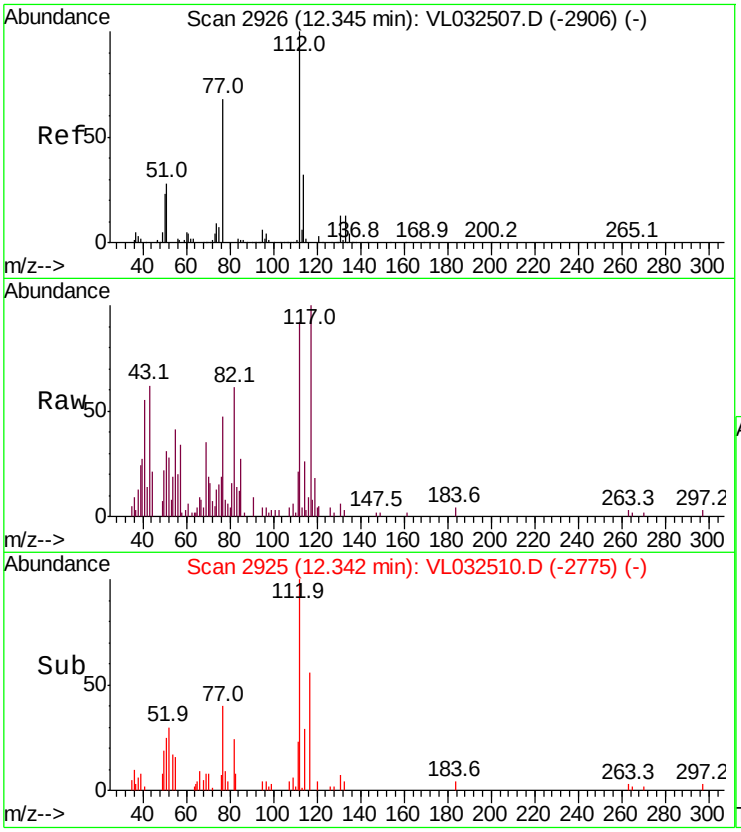


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion:117 Resp: 3423636

Ion	Ratio	Lower	Upper
117	100		
82	67.4	53.0	79.6
119	32.6	45.9	68.9#



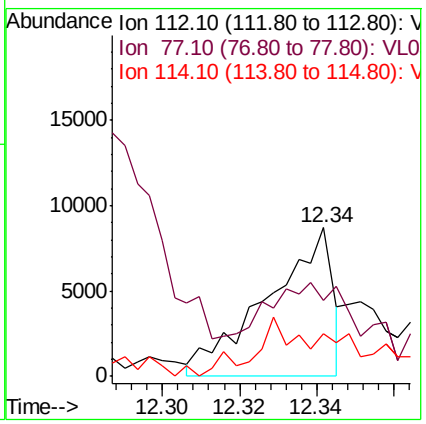


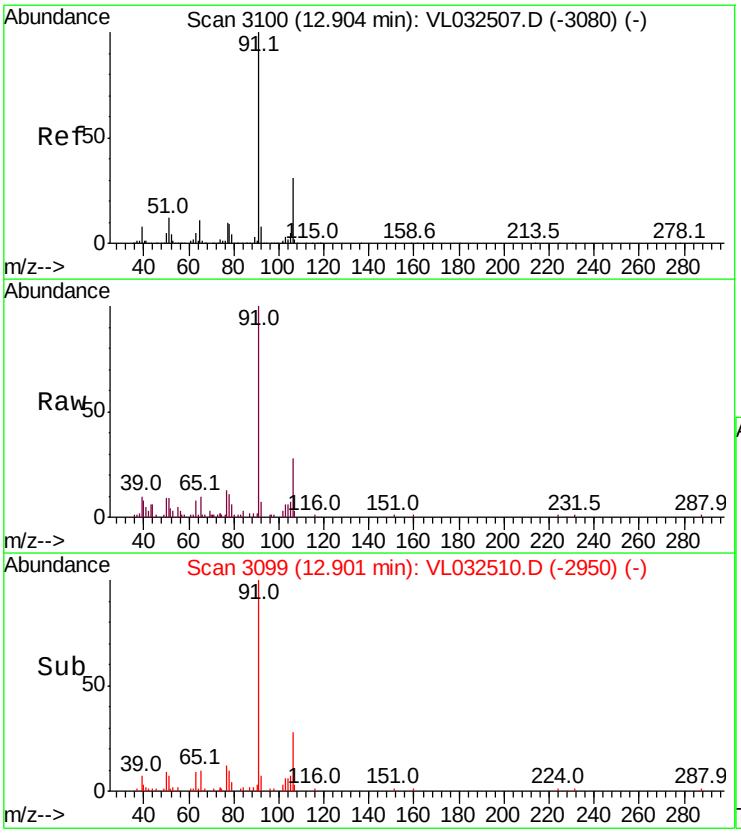
#57
Chlorobenzene
Concen: 0.037 ppbv
RT: 12.34 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 10113

Ion	Ratio	Lower	Upper
112	100		
77	11.1	56.1	84.1#
114	23.6	27.8	34.0#

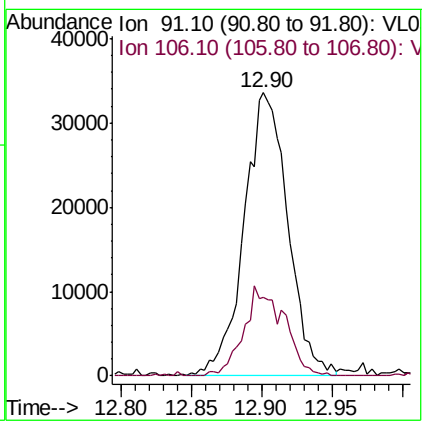


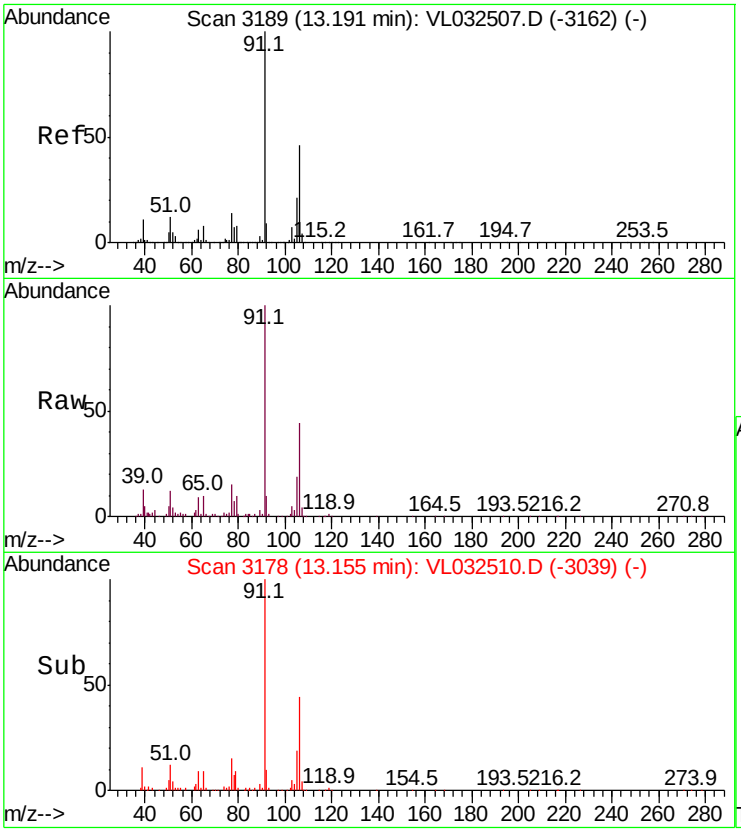


#58
Ethyl Benzene
Concen: 0.178 ppbv
RT: 12.90 min Scan# 3099
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 91 Resp: 72950

Ion	Ratio	Lower	Upper
91	100		
106	27.7	24.8	37.2



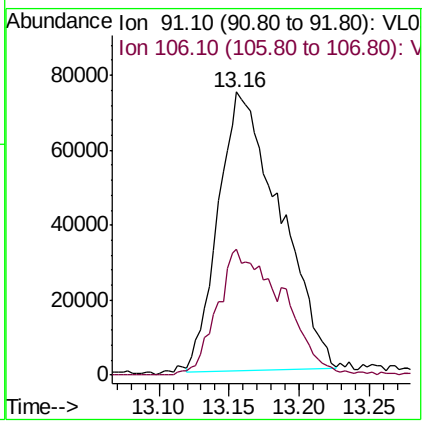


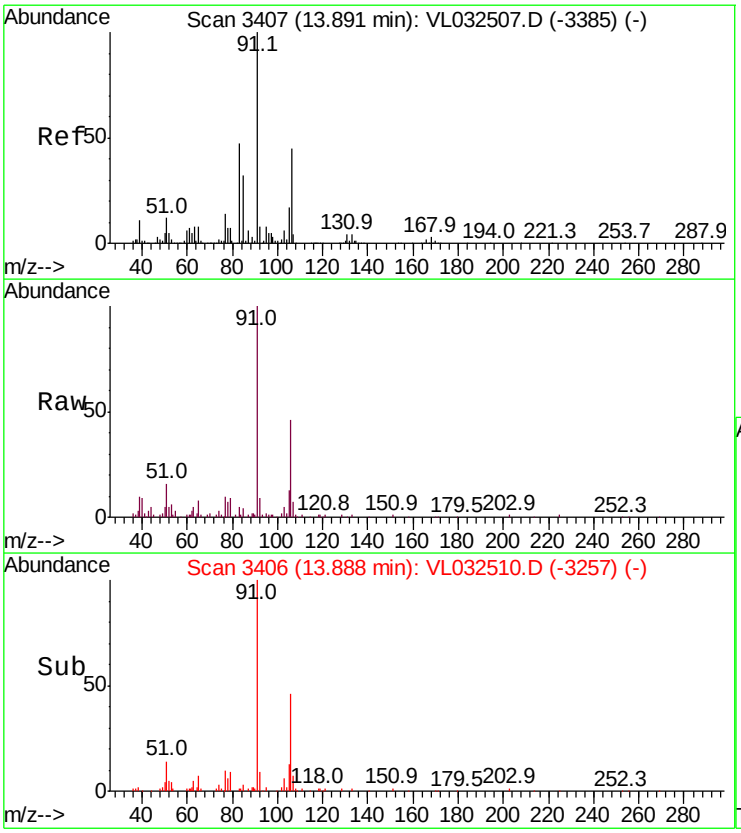
#59
m/p-Xylene
Concen: 0.619 ppbv
RT: 13.16 min Scan# 3178
Delta R.T. -0.05 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 225928

Ion	Ratio	Lower	Upper
91	100		
106	48.2	36.6	55.0

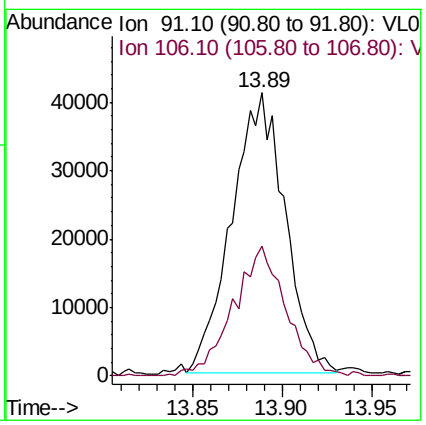


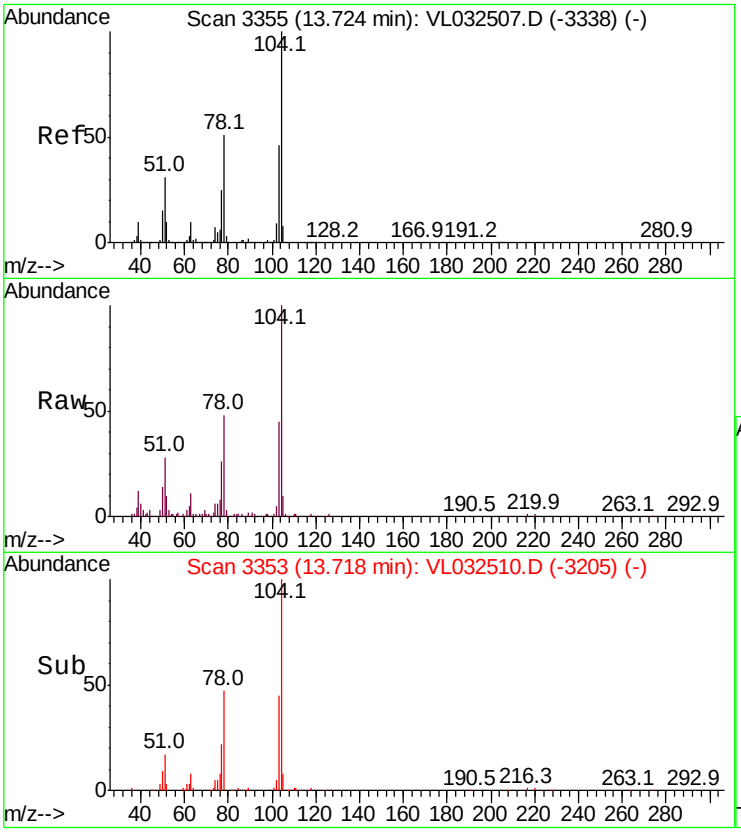


#60
o-Xylene
Concen: 0.238 ppbv
RT: 13.89 min Scan# 3406
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 91 Resp: 85540

Ion	Ratio	Lower	Upper
91	100		
106	45.6	21.9	65.7



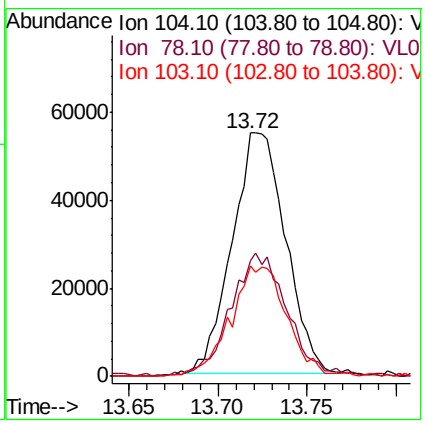


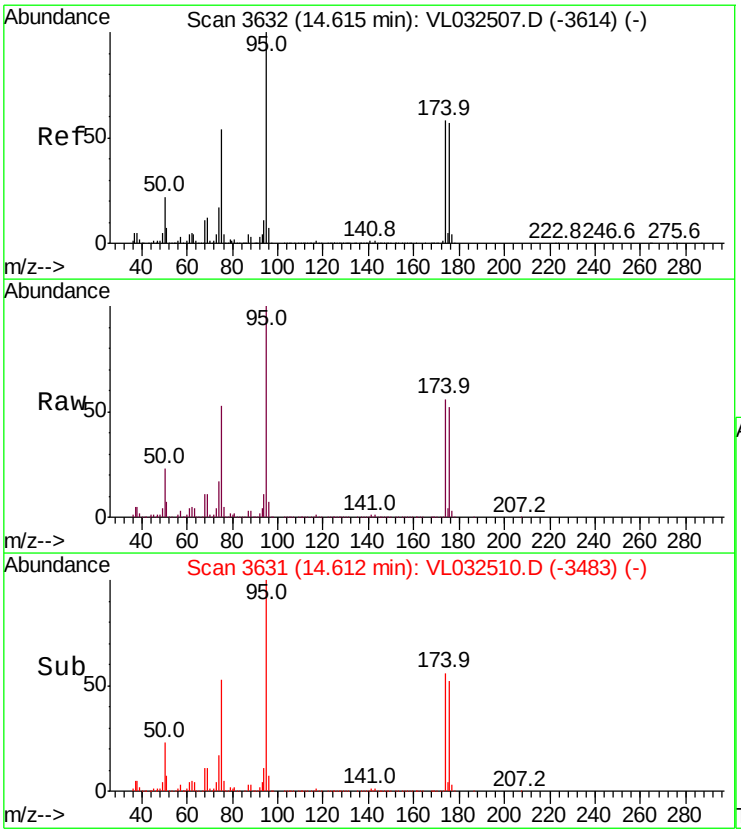
#61
Stvrene
Concen: 0.492 ppbv
RT: 13.72 min Scan# 3353
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 114365

Ion	Ratio	Lower	Upper
104	100		
78	54.7	41.8	62.8
103	48.6	38.0	57.0

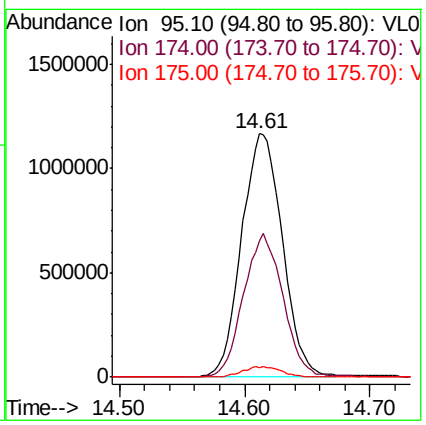


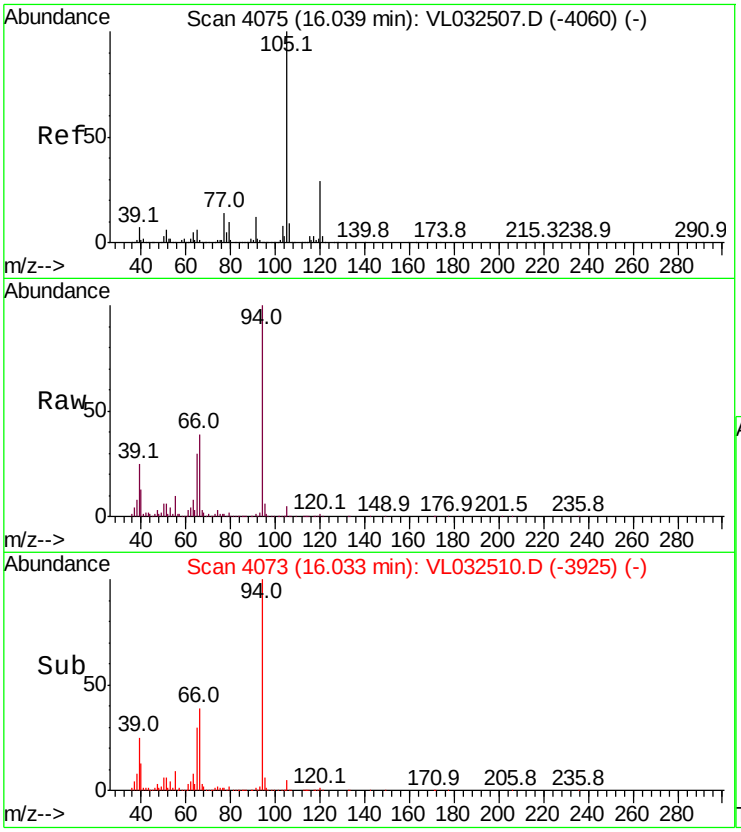


#68
1-Bromo-4-Fluorobenzene
Concen: 10.376 ppbv
RT: 14.61 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion: 95 Resp: 2637290

Ion	Ratio	Lower	Upper
95	100		
174	57.9	46.3	69.5
175	4.2	3.4	5.0



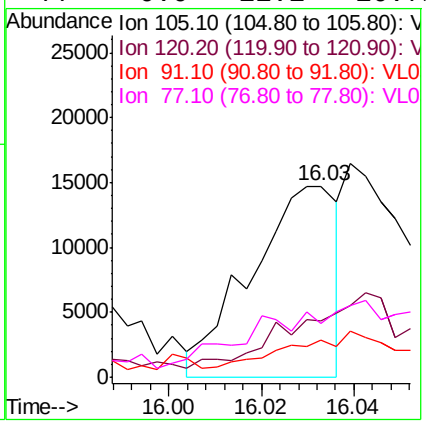


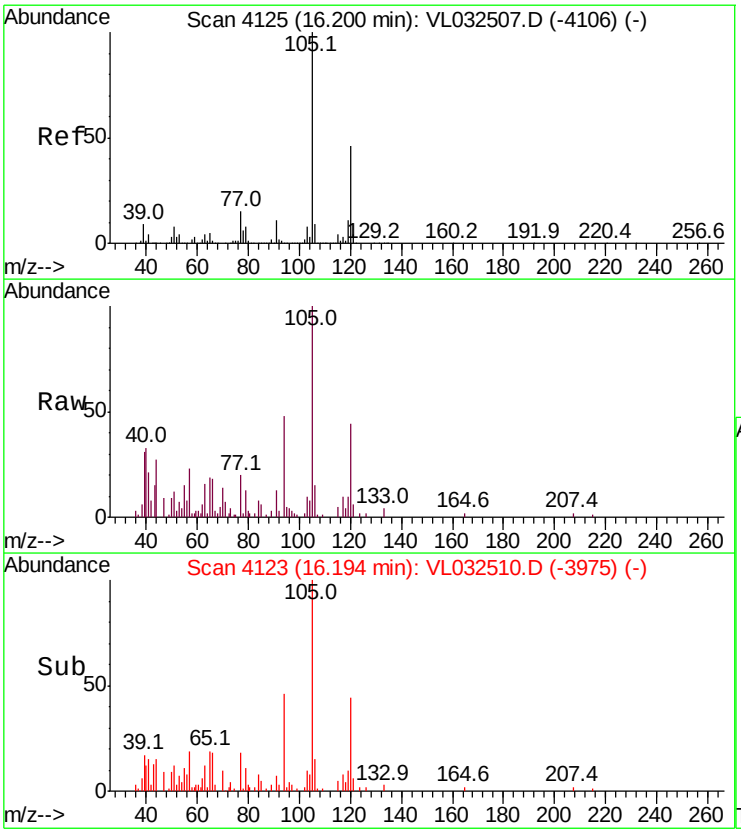
#72
4-Ethyltoluene
Concen: 0.049 ppbv
RT: 16.03 min Scan# 4073
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 19011

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.5	35.3#
91	0.0	10.2	15.2#
77	0.0	11.1	16.7#

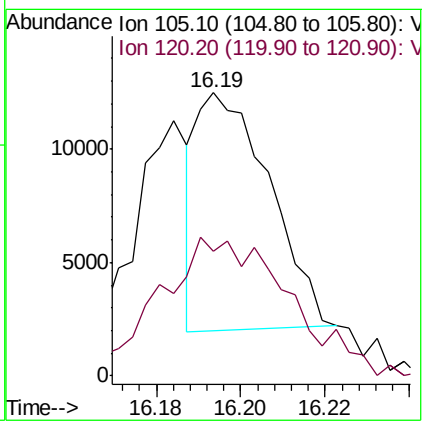


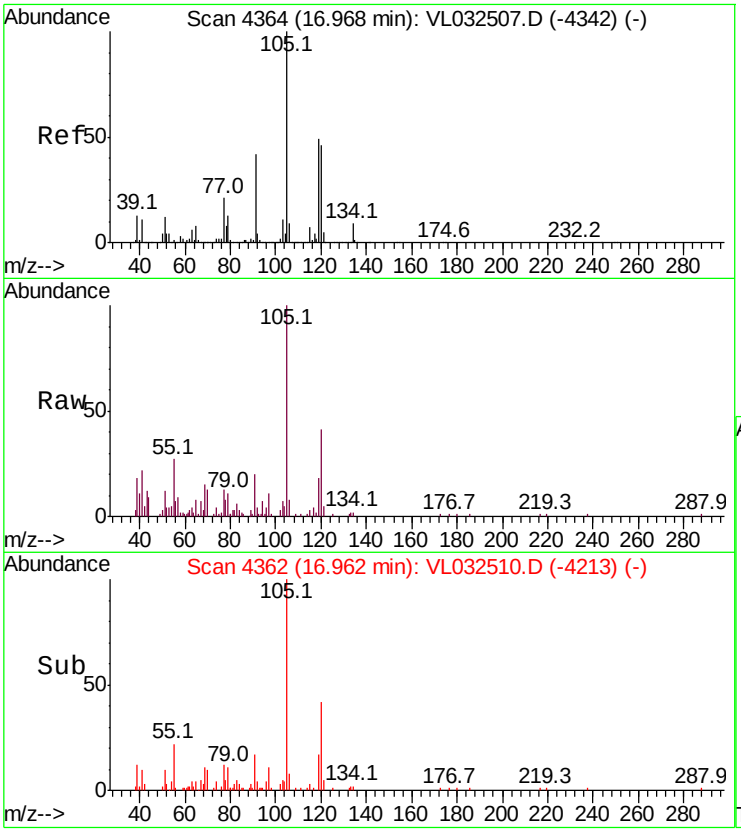


#73
1,3,5-Trimethylbenzene
Concen: 0.032 ppbv
RT: 16.19 min Scan# 4123
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion:105 Resp: 12435

Ion	Ratio	Lower	Upper
105	100		
120	33.2	37.9	56.9#



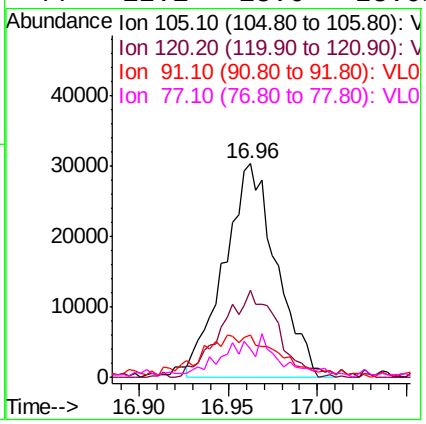


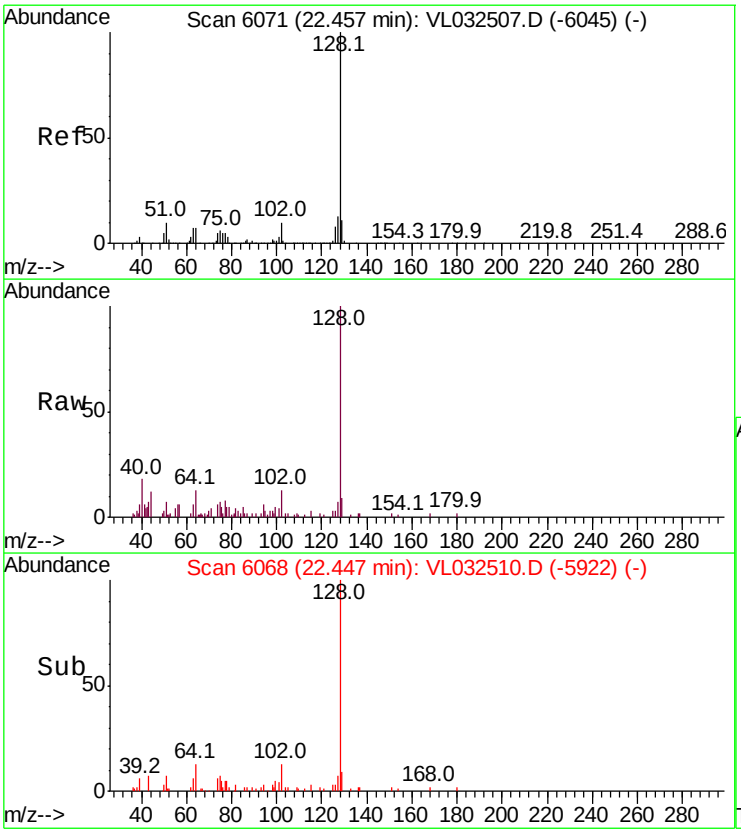
#74
1,2,4-Trimethylbenzene
Concen: 0.145 ppbv
RT: 16.96 min Scan# 4362
Delta R.T. -0.02 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 62161

Ion	Ratio	Lower	Upper
105	100		
120	41.6	37.8	56.8
91	18.5	41.4	62.0#
77	12.1	18.6	28.0#

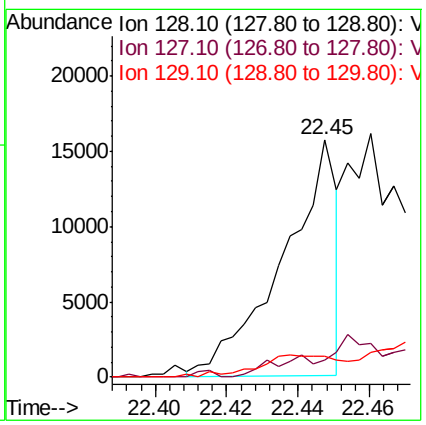


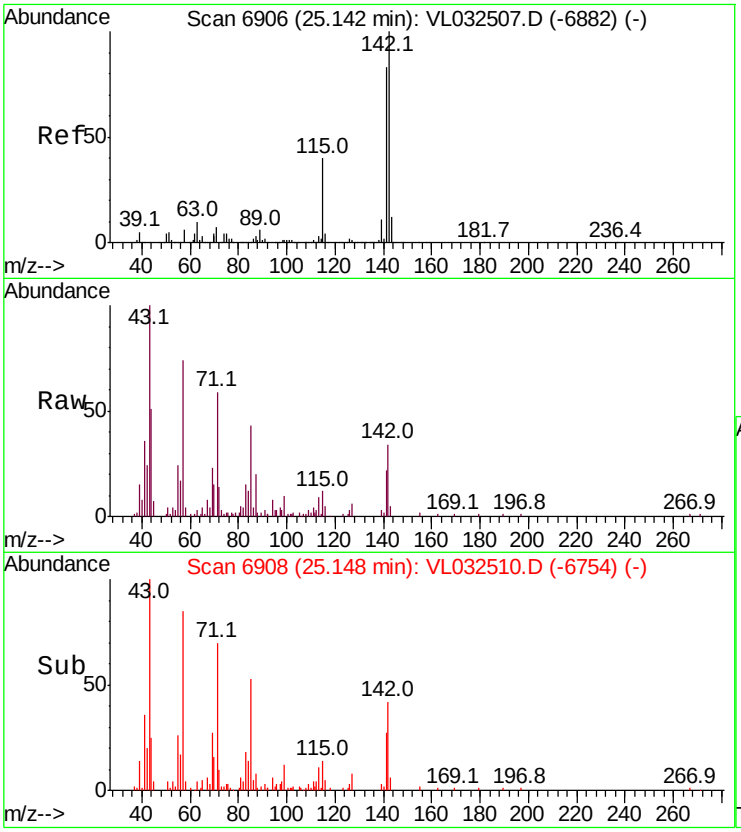


#79
Naphthalene
Concen: 0.047 ppbv
RT: 22.45 min Scan# 6068
Delta R.T. -0.03 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Tgt Ion:128 Resp: 16519

Ion	Ratio	Lower	Upper
128	100		
127	5.2	10.2	15.2#
129	7.8	8.5	12.7#





#80
Naphthalene,2-methyl-
Concen: 0.226 ppbv
RT: 25.15 min Scan# 6908
Delta R.T. -0.01 min
Lab File: VL032510.D
Acq: 20 Sep 2018 16:49

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 21004

Ion	Ratio	Lower	Upper
142	100		
141	85.6	67.0	100.6
115	43.7	31.3	46.9