Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032511.D
Acq On : 20 Sep 2018 17:43
Operator : SY/AP
Sample : J4961-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:34:58 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	5.79	49	1510440	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.33	114	3338284	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.28	117	3430890	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2678085	10.51	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	25915	0.134	ppbv		99
3) Chlorodifluoromethane	3.01	51	1816004	13.282	ppbv	#	65
4) Chloromethane	3.19	50	32721	0.395	ppbv		96
7) Chloroethane	3.62	64	1275	0.045	ppbv		94
9) Propene	3.26	41	352310	6.388	ppbv		94
10) Heptane	8.28	43	76954	0.389	ppbv	#	79
11) Trichlorofluoromethane	4.03	101	761290	4.370	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.58	101	17897	0.152	ppbv		98
13) Ethanol	3.70	45	2057316	119.667	ppbv		96
15) Acetone	3.92	43	3662202	26.924	ppbv		92
16) 1,3-Butadiene	3.36	39	399104	6.236	ppbv	#	4
17) tert-Butyl alcohol	4.41	59	700891	33.484	ppbv	#	100
18) 1,1-Dichloroethene	4.38	96	8275	0.153	ppbv		83
19) Isopropyl Alcohol	4.08	45	514579	5.767	ppbv	#	1
20) Methylene Chloride	4.44	84	1903401	36.700	ppbv		95
21) Allyl Chloride	4.43	41	103684	1.148	ppbv	#	23
22) trans-1,2-Dichloroethene	4.98	96	3855	0.066	ppbv		98
23) Vinyl Acetate	5.17	43	3498482	15.517	ppbv	#	9
25) Ethyl Acetate	5.81	43	2274767	7.082	ppbv	#	77
26) Hexane	5.81	57	3195212	22.216	ppbv	#	44
27) Carbon Disulfide	4.65	76	912787	6.875	ppbv		98
28) Methyl tert-Butyl Ether	5.15	73	30365	0.172	ppbv	#	51
29) Chloroform	5.88	83	2219139	10.119	ppbv		99
30) Cyclohexane	7.28	84	11783	0.112	ppbv	#	1
31) cis-1,2-Dichloroethene	5.67	61	198729	1.526	ppbv		97
32) 1,1,1-Trichloroethane	6.65	97	11789	0.058	ppbv		93
34) 2-Butanone	5.36	43	288651	1.302	ppbv		99
36) Benzene	7.05	78	20516	0.072	ppbv		97
37) 1,2-Dichloroethane	6.44	62	72542	0.417	ppbv	#	92
39) 1,2-Dichloropropane	7.33	63	868294	7.144	ppbv	#	26
41) Tetrahydrofuran	6.45	42	14406	0.119	ppbv	#	44
42) Bromodichloromethane	7.96	83	13711	0.057	ppbv	#	97
43) Methyl Methacrylate	8.17	69	4746	0.039	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.03	57	86599	0.158	ppbv		95
47) 1,1,2-Trichloroethane	9.66	97	58384	0.452	ppbv	#	91
51) 2-Hexanone	10.28	43	403987	1.878	ppbv	#	30
52) Tetrachloroethene	11.42	164	35776	0.406	ppbv	#	87
53) Toluene	9.98	91	422663	1.423	ppbv		97
58) Ethyl Benzene	12.90	91	41122	0.100	ppbv		94
59) m/p-Xylene	13.18	91	62443	0.171	ppbv	#	31
60) o-Xylene	13.89	91	84697	0.236	ppbv		95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032511.D
Acq On : 20 Sep 2018 17:43
Operator : SY/AP
Sample : J4961-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:34:58 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)
61) Styrene	13.72	104	102775	0.442	ppbv		99
62) Isopropylbenzene	14.86	105	19101	0.038	ppbv		96
72) 4-Ethyltoluene	16.03	105	20837	0.053	ppbv	#	8
73) 1,3,5-Trimethylbenzene	16.19	105	20377	0.052	ppbv		97
74) 1,2,4-Trimethylbenzene	16.97	105	71834	0.167	ppbv	#	71
80) Naphthalene,2-methyl-	25.15	142	11190	0.120	ppbv	#	87

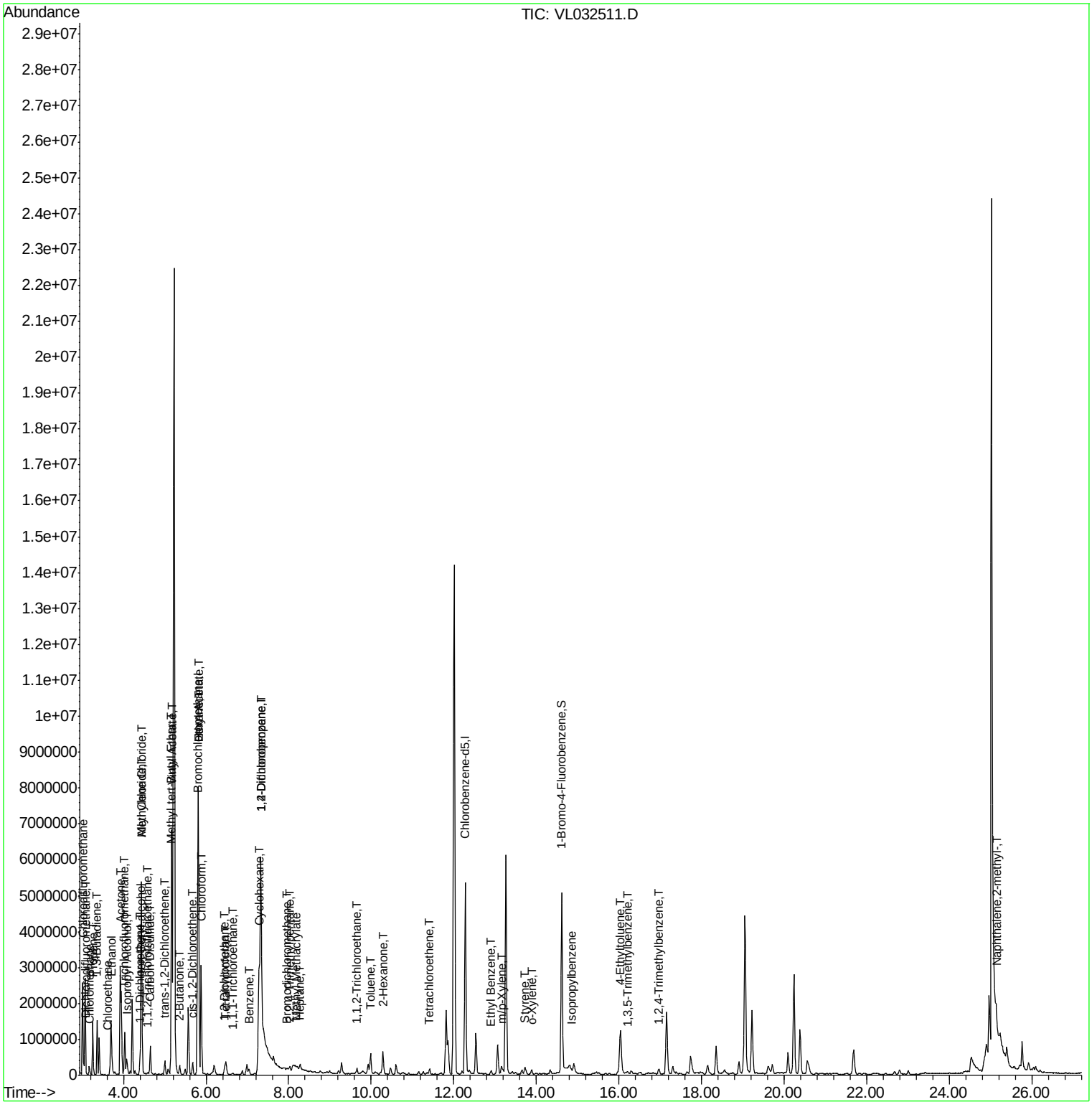
(#) = qualifier out of range (m) = manual integration (+) = signals summed

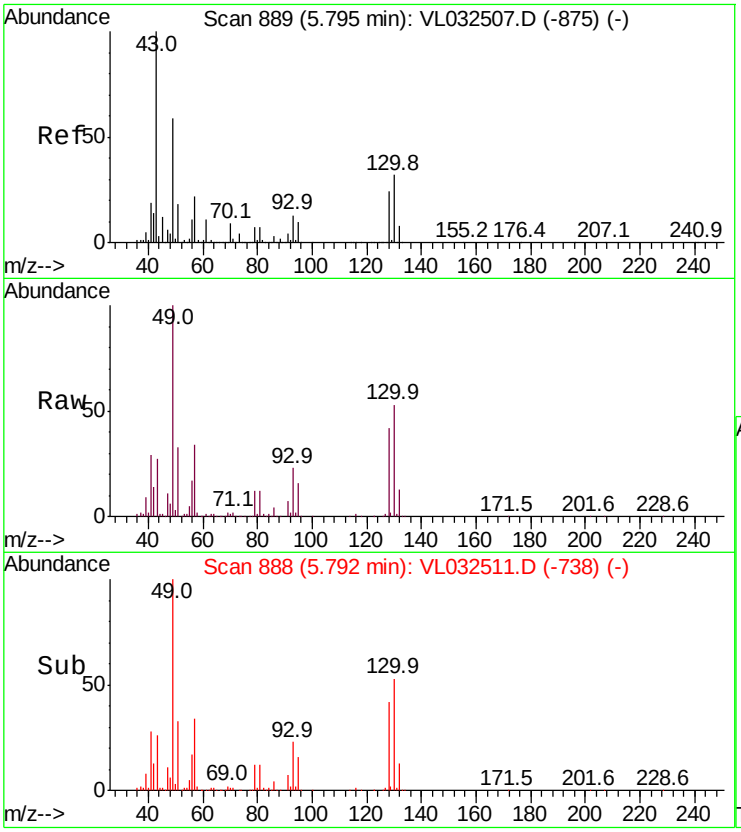
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032511.D
Acq On : 20 Sep 2018 17:43
Operator : SY/AP
Sample : J4961-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:34:58 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



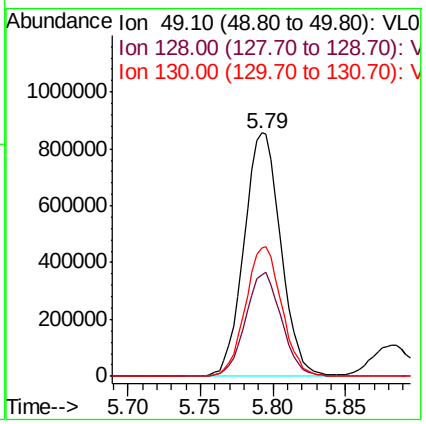


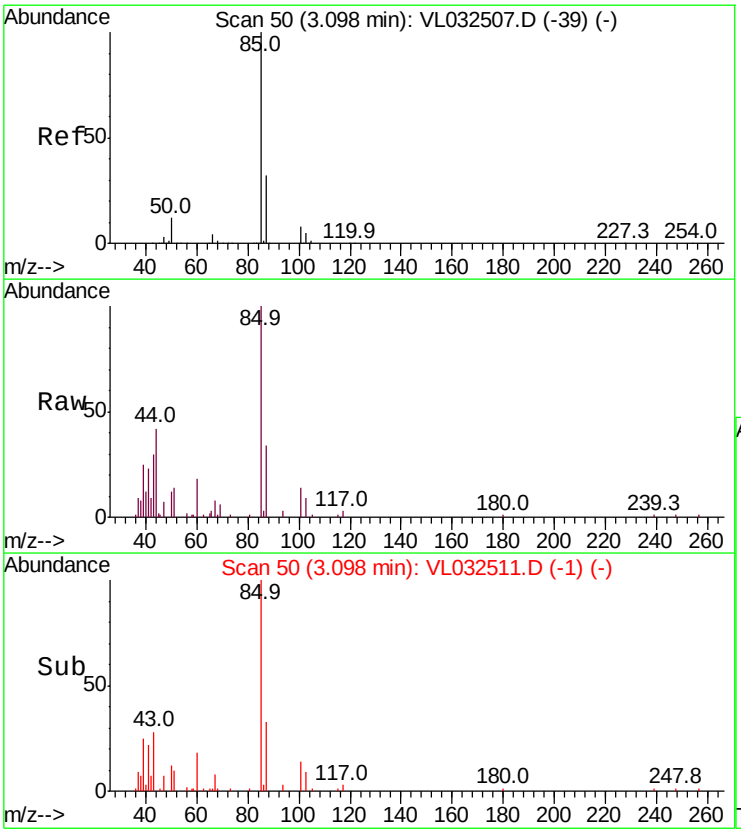
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1510440

Ion	Ratio	Lower	Upper
49	100		
128	41.9	20.7	62.1
130	52.9	26.6	79.7

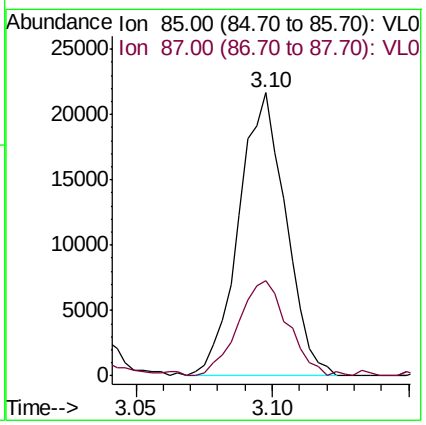


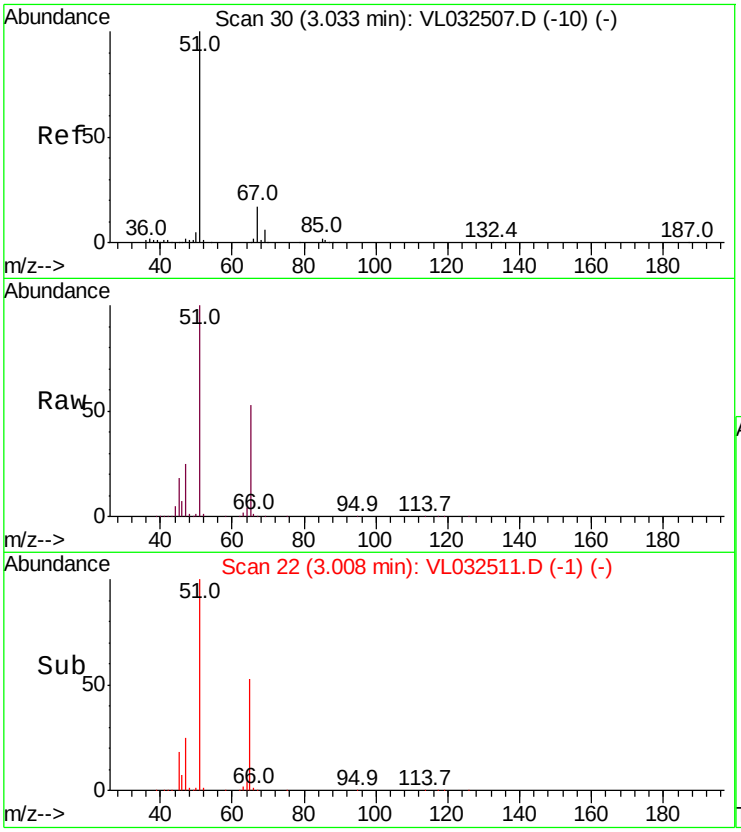


#2
Dichlorodifluoromethane
Concen: 0.134 ppbv
RT: 3.10 min Scan# 50
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 85 Resp: 25915

Ion	Ratio	Lower	Upper
85	100		
87	33.6	26.2	39.4



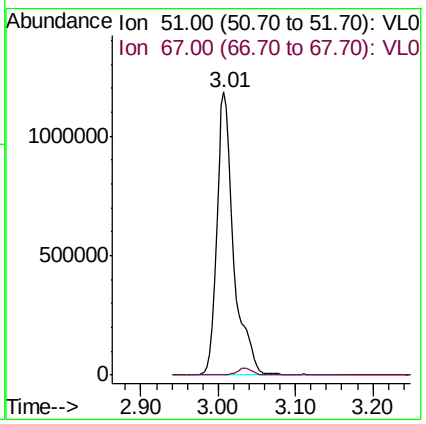


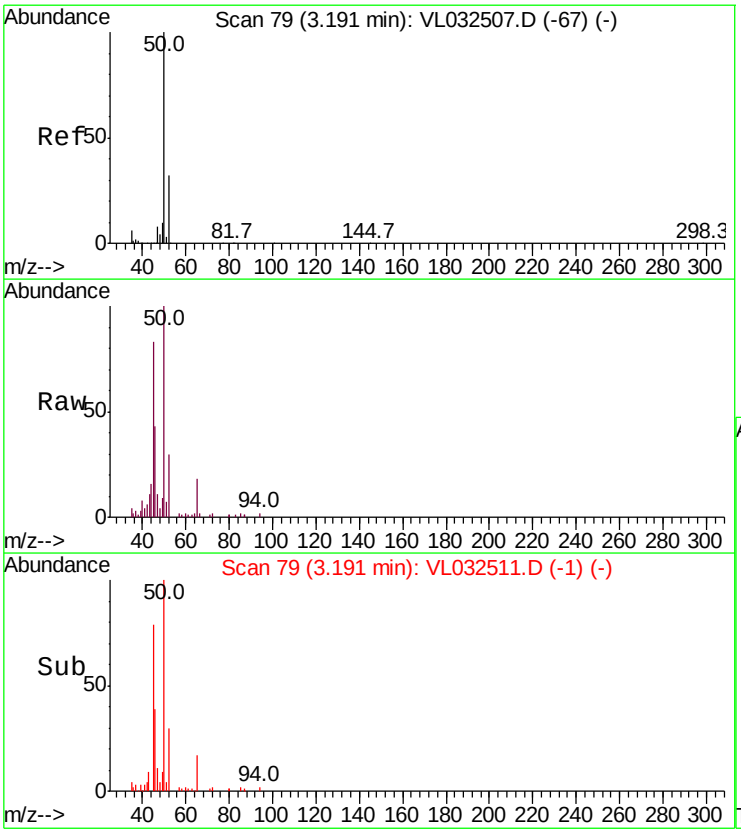
#3
Chlorodifluoromethane
Concen: 13.282 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.04 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 51 Resp: 1816004

Ion	Ratio	Lower	Upper
51	100		
67	2.1	13.8	20.8#

Instrument :
MSVOA_L
ClientSampleId :

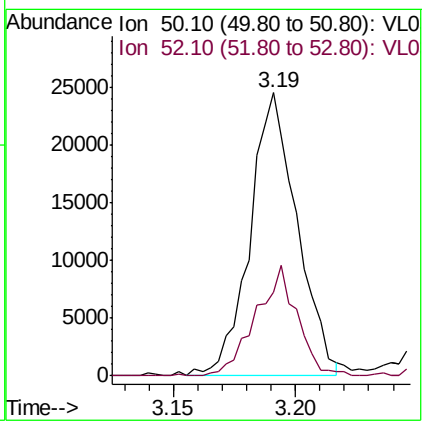


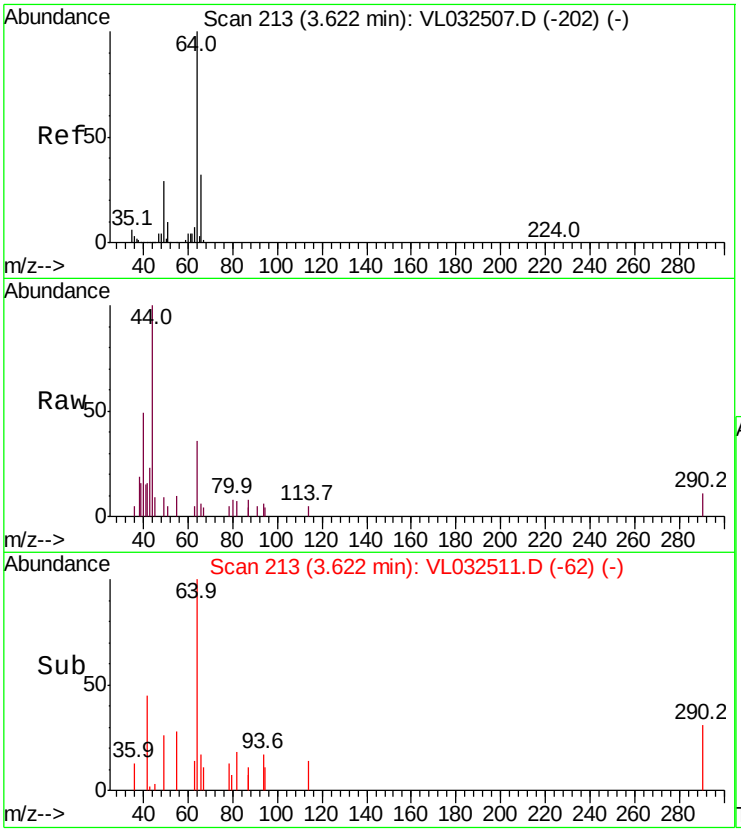


#4
Chloromethane
Concen: 0.395 ppbv
RT: 3.19 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 50 Resp: 32721

Ion	Ratio	Lower	Upper
50	100		
52	29.6	25.6	38.4

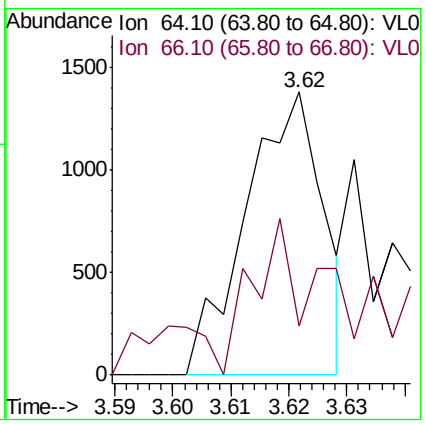




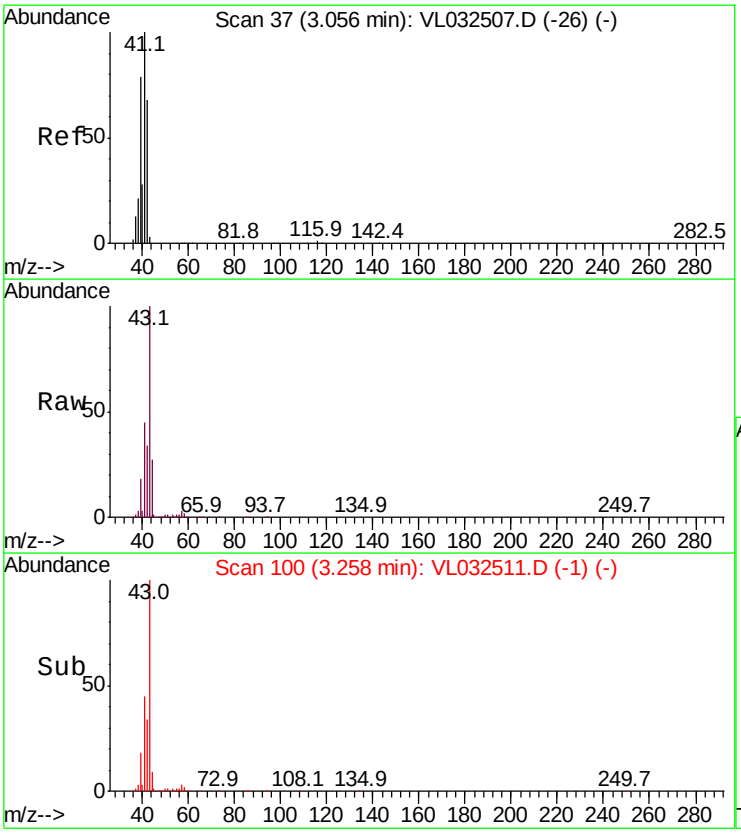
#7
Chloroethane
Concen: 0.045 ppbv
RT: 3.62 min Scan# 213
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 64 Resp: 1275

Ion	Ratio	Lower	Upper
64	100		
66	28.7	25.8	38.6



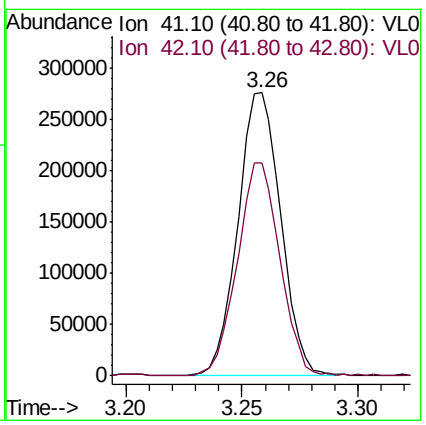
Instrument :
MSVOA_L
ClientSampleId :

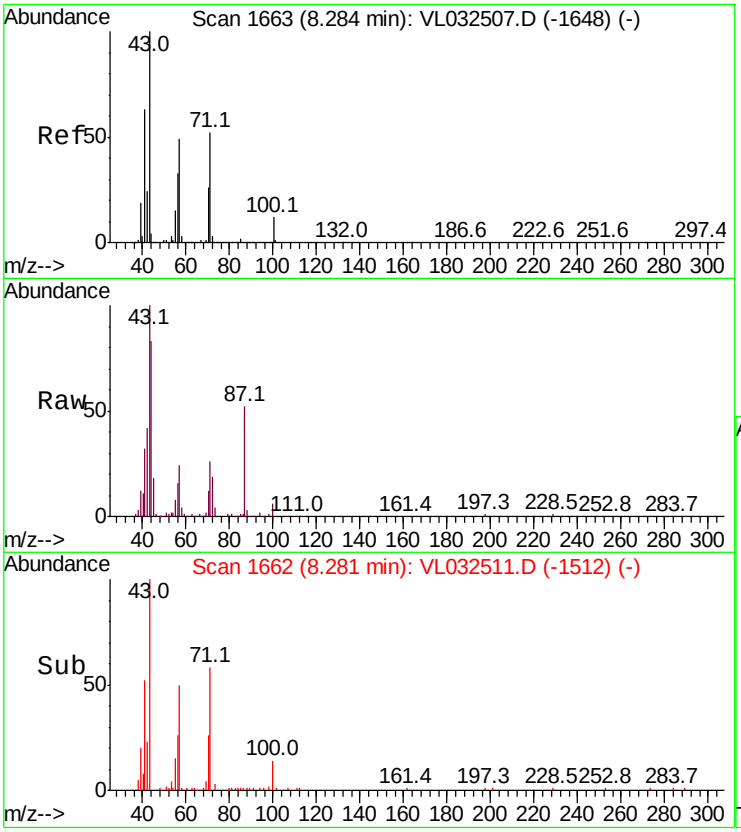


#9
Propene
Concen: 6.388 ppbv
RT: 3.26 min Scan# 100
Delta R.T. 0.19 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 41 Resp: 352310

Ion	Ratio	Lower	Upper
41	100		
42	75.3	56.6	84.8



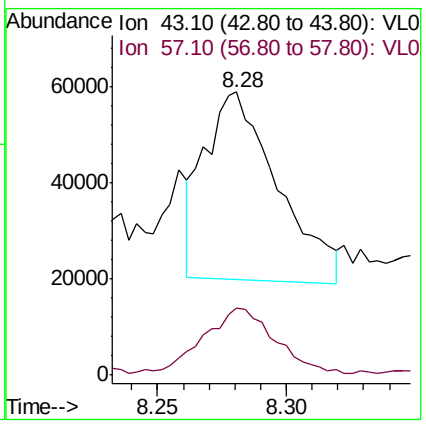


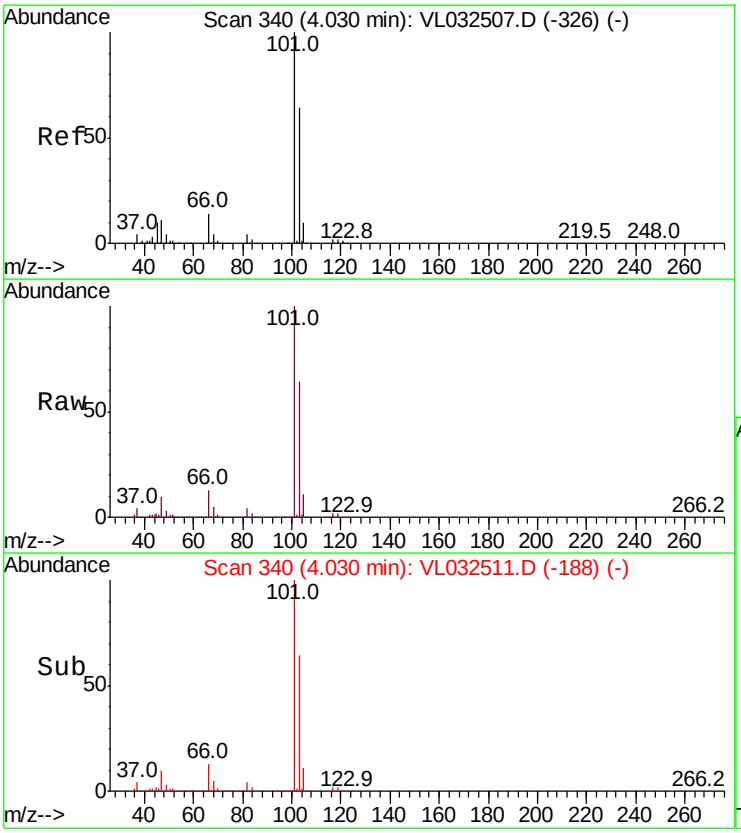
#10
Heptane
Concen: 0.389 ppbv
RT: 8.28 min Scan# 1662
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 76954

Ion	Ratio	Lower	Upper
43	100		
57	35.3	39.6	59.4#

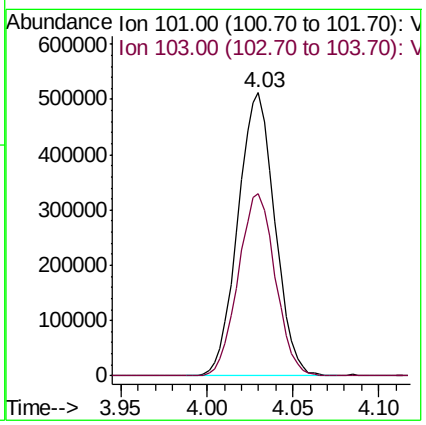


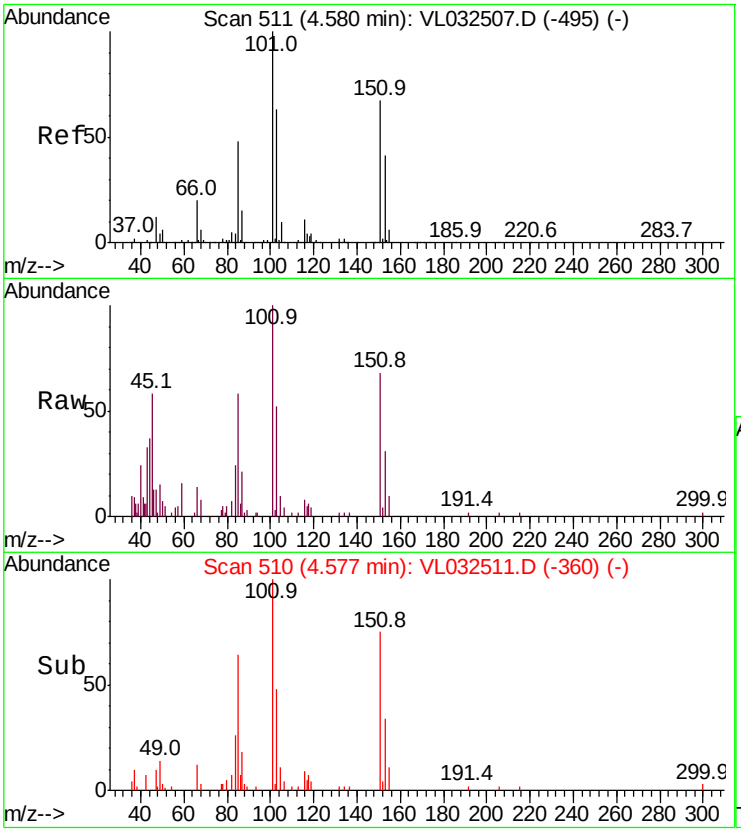


#11
Trichlorofluoromethane
Concen: 4.370 ppbv
RT: 4.03 min Scan# 340
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion:101 Resp: 761290

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.8	79.2



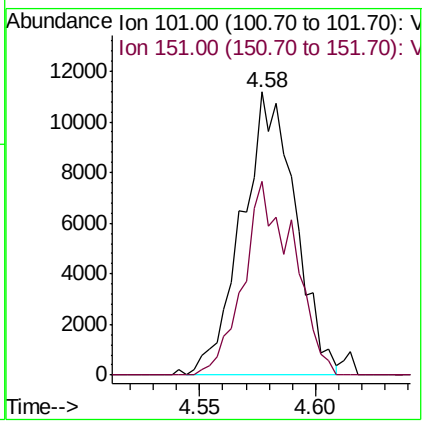


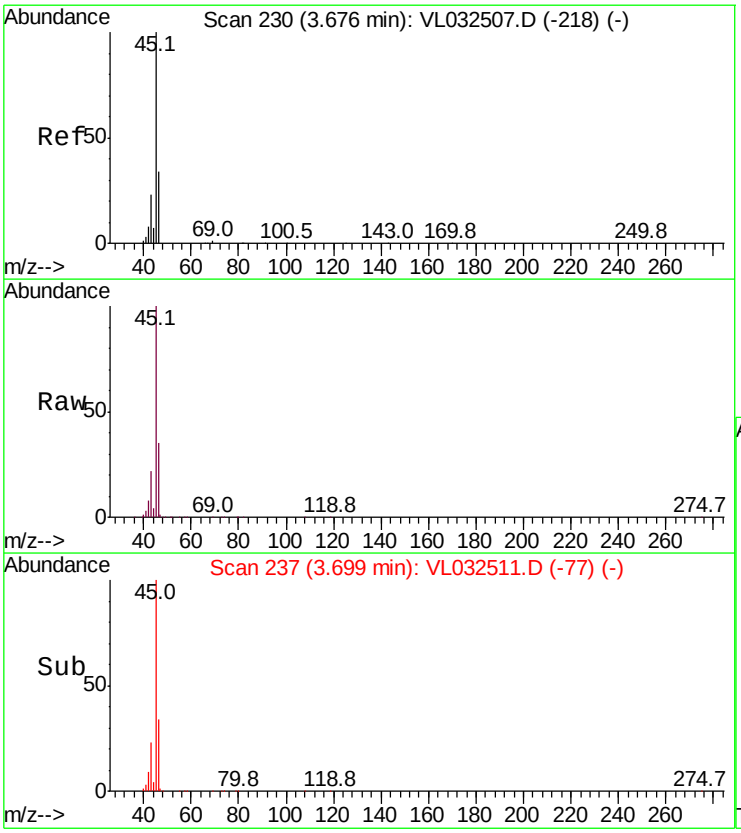
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.152 ppbv
RT: 4.58 min Scan# 510
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 17897

Ion	Ratio	Lower	Upper
101	100		
151	64.0	52.6	78.8

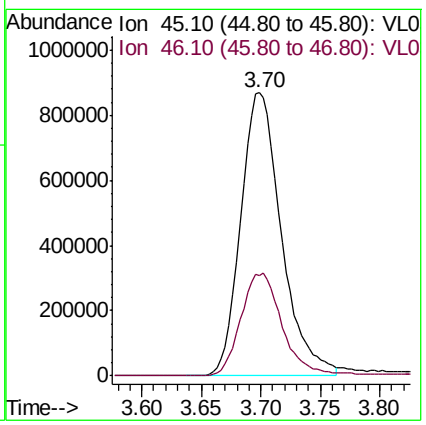


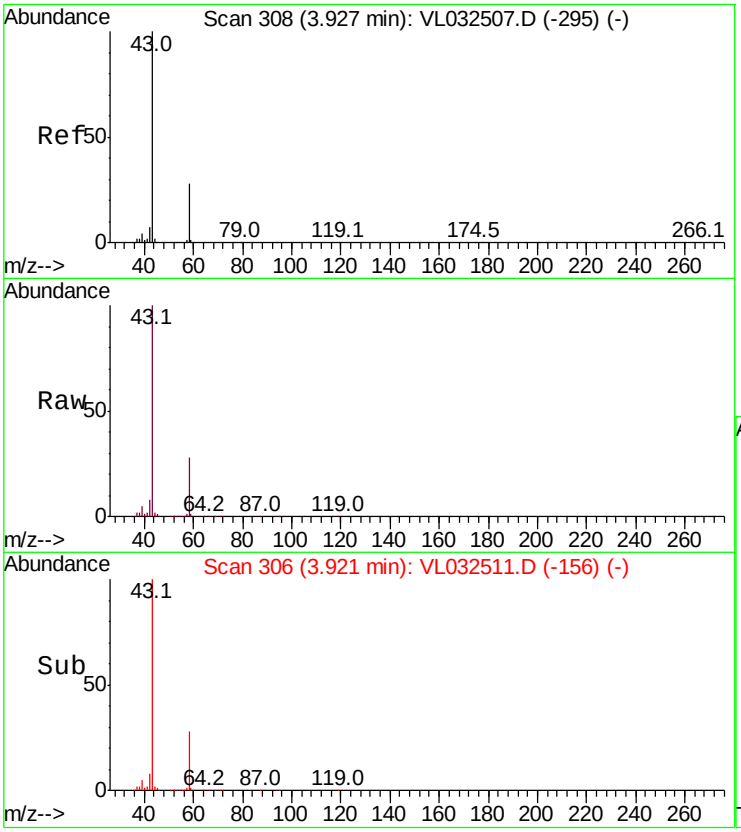


#13
Ethanol
Concen: 119.667 ppbv
RT: 3.70 min Scan# 237
Delta R.T. 0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 45 Resp: 2057316

Ion	Ratio	Lower	Upper
45	100		
46	38.1	14.2	56.8



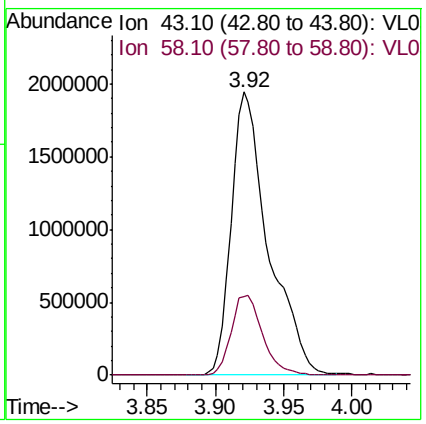


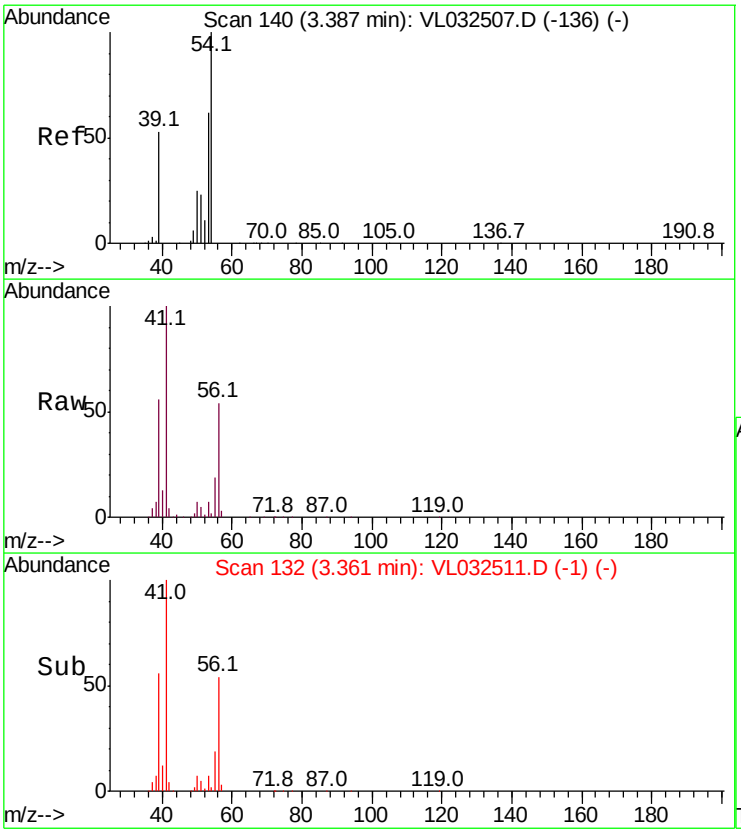
#15
Acetone
Concen: 26.924 ppbv
RT: 3.92 min Scan# 306
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3662202

Ion	Ratio	Lower	Upper
43	100		
58	24.1	22.6	33.8

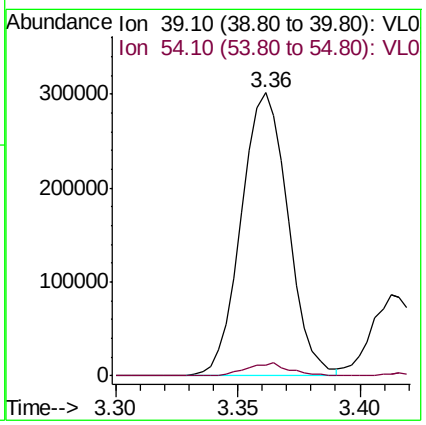


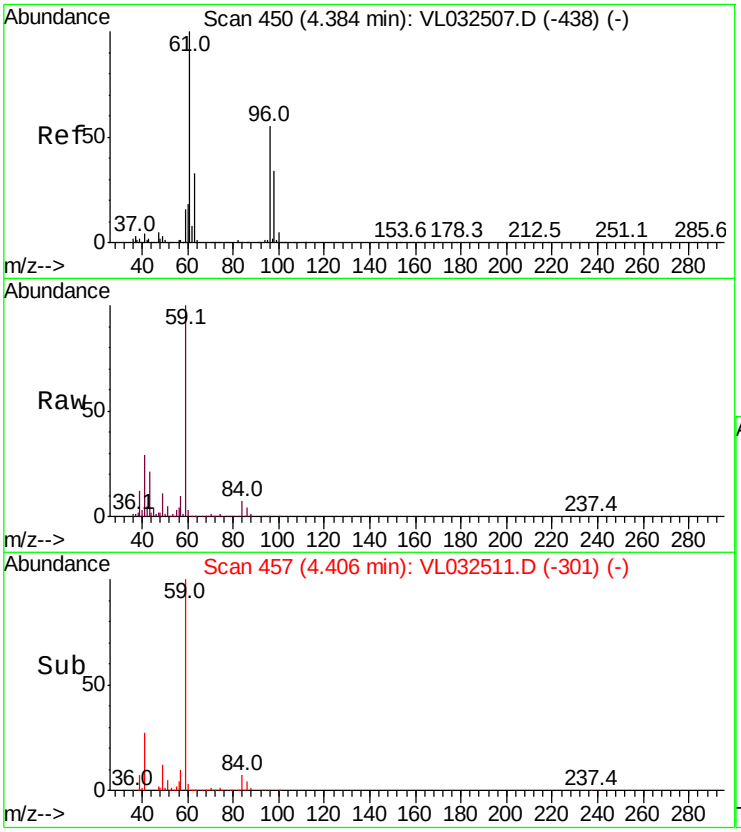


#16
1,3-Butadiene
Concen: 6.236 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.04 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 39 Resp: 399104

Ion	Ratio	Lower	Upper
39	100		
54	4.5	80.8	121.2#



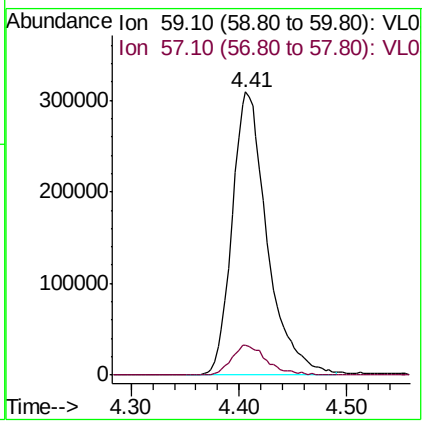


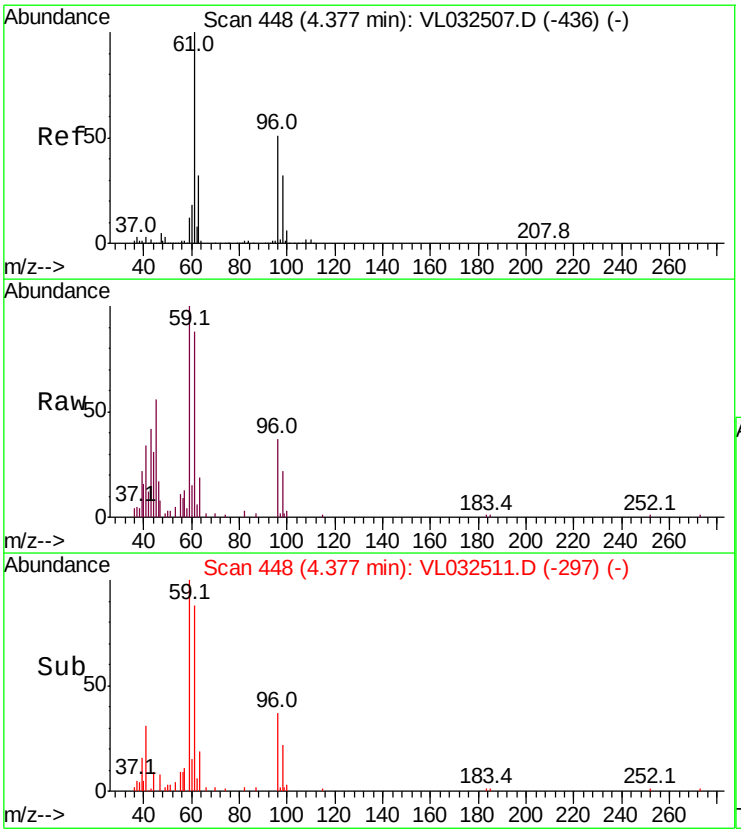
#17
tert-Butyl alcohol
Concen: 33.484 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 700891

Ion	Ratio	Lower	Upper
59	100		
57	10.8	0.0	0.0#

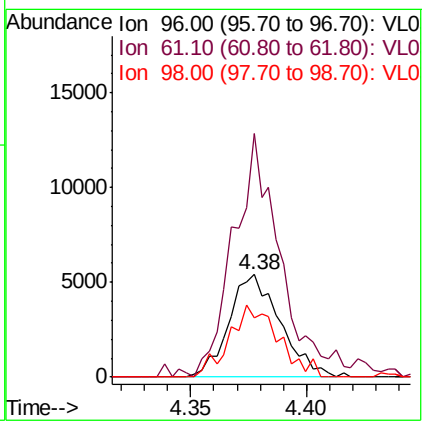


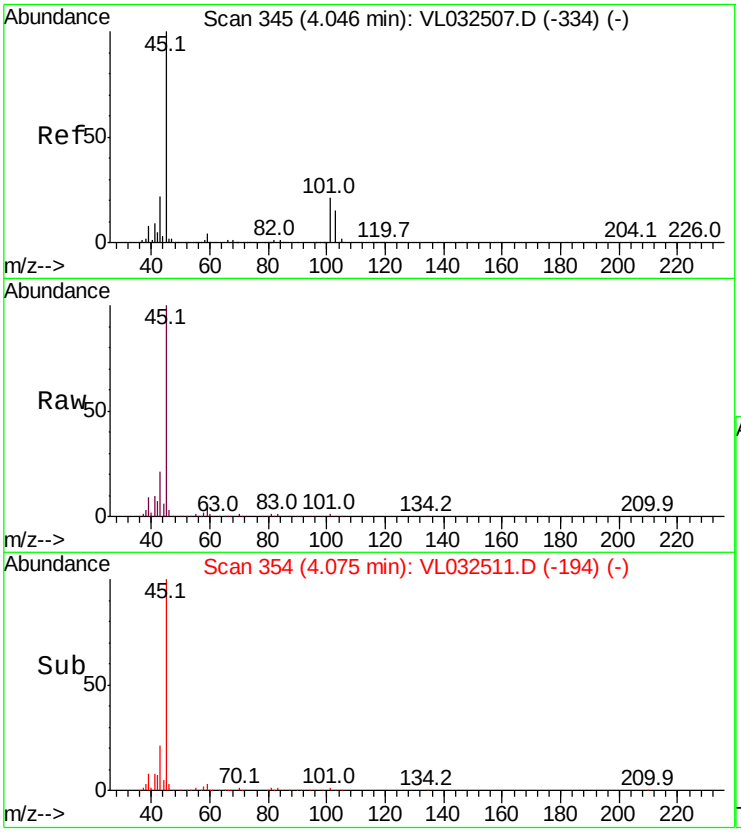


#18
1,1-Dichloroethene
Concen: 0.153 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 96 Resp: 8275

Ion	Ratio	Lower	Upper
96	100		
61	233.2	159.2	238.8
98	63.4	51.0	76.4



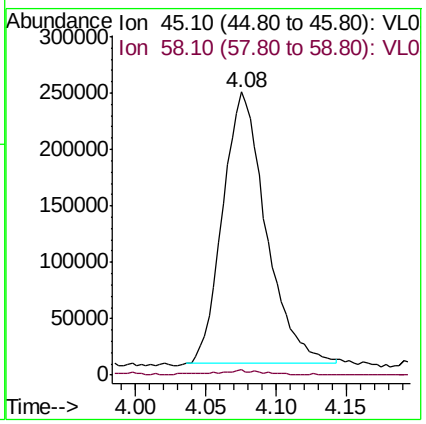


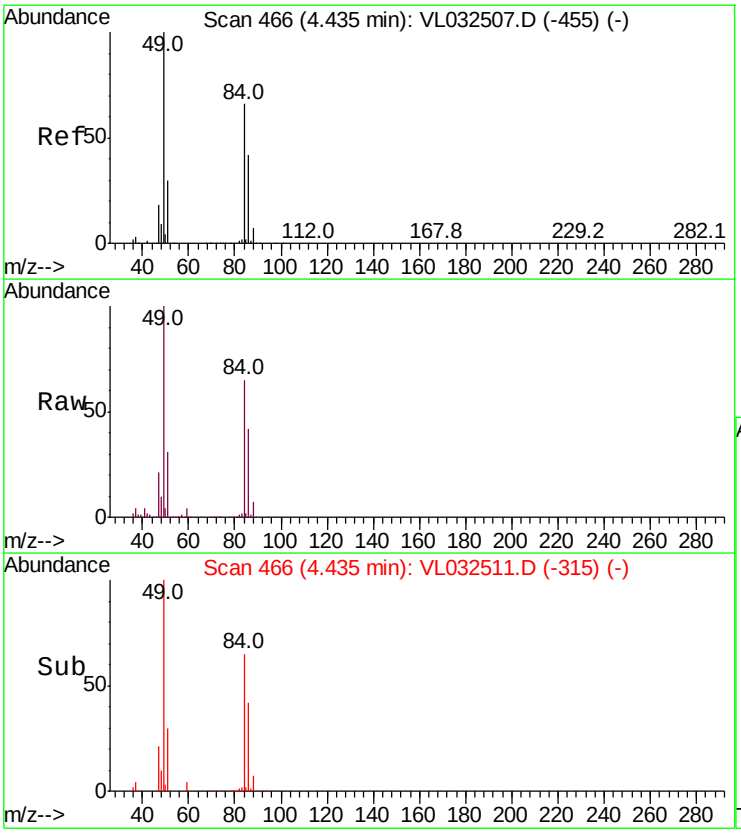
#19
Isopropyl Alcohol
Concen: 5.767 ppbv
RT: 4.08 min Scan# 354
Delta R.T. 0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 514579

Ion	Ratio	Lower	Upper
45	100		
58	171.5	2.0	3.0#

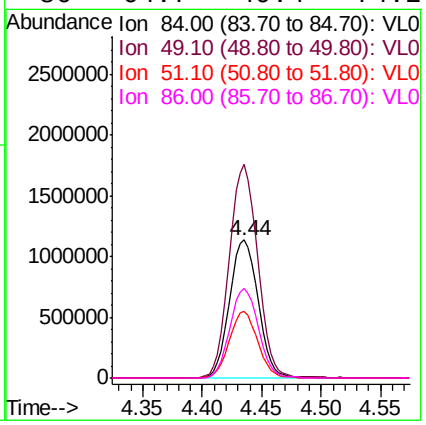


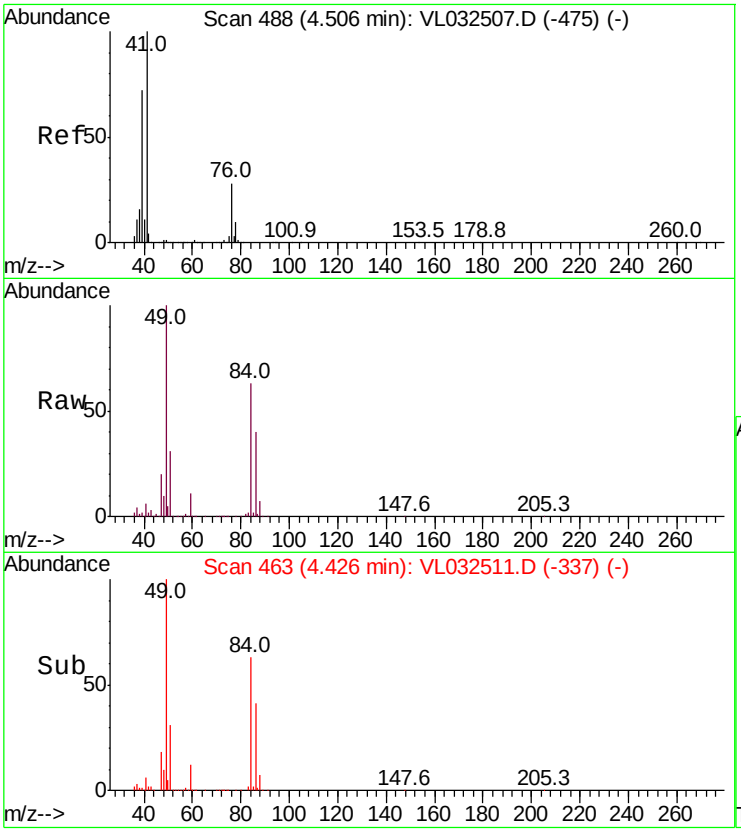


#20
Methylene Chloride
Concen: 36.700 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 84 Resp: 1903401

Ion	Ratio	Lower	Upper
84	100		
49	154.6	119.1	178.7
51	47.9	35.2	52.8
86	64.7	49.4	74.2



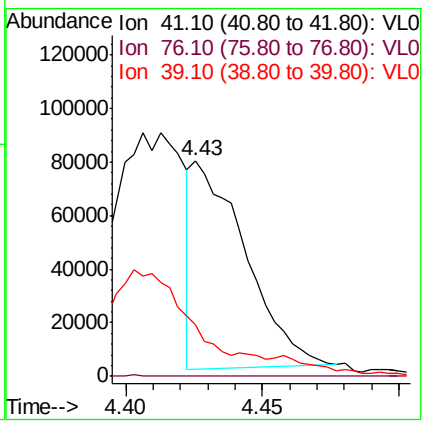


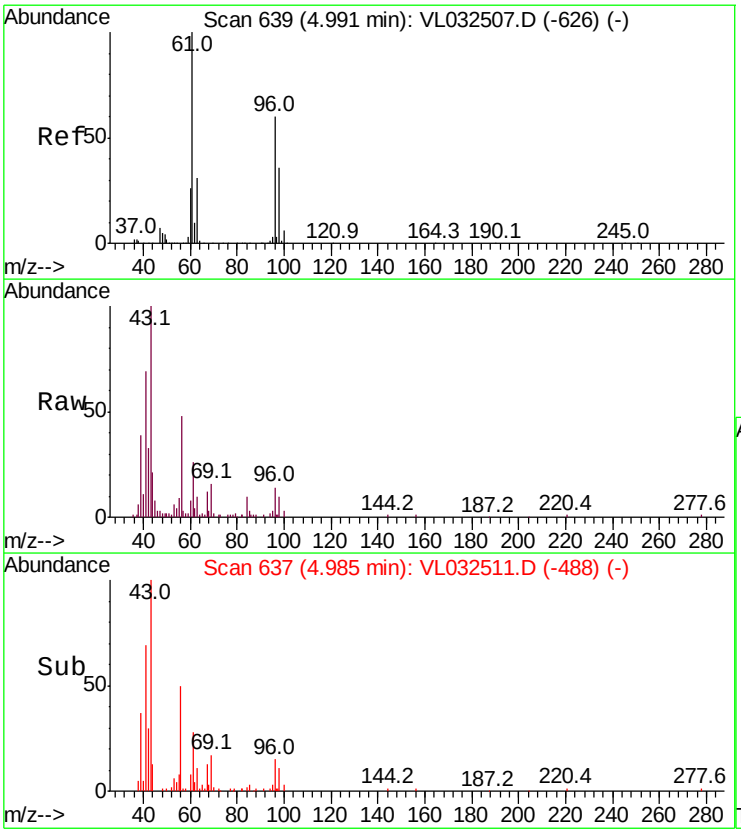
#21
Allvl Chloride
Concen: 1.148 ppbv
RT: 4.43 min Scan# 463
Delta R.T. -0.10 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 103684

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

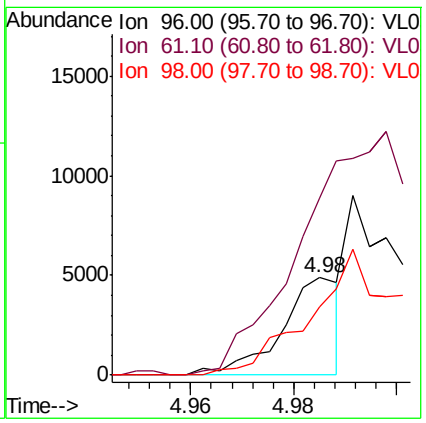


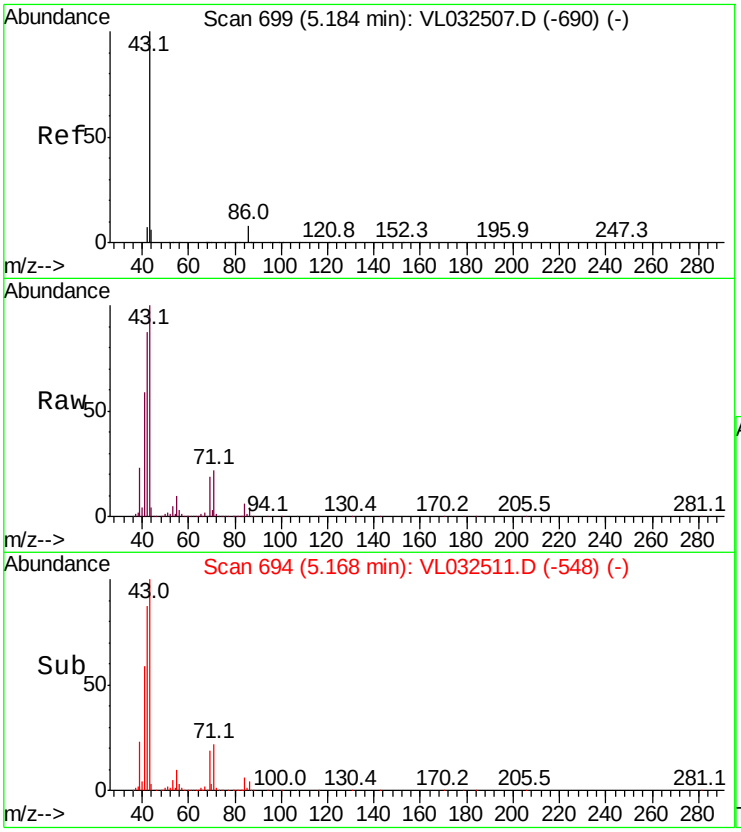


#22
trans-1,2-Dichloroethene
Concen: 0.066 ppbv
RT: 4.98 min Scan# 637
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 96 Resp: 3855

Ion	Ratio	Lower	Upper
96	100		
61	171.9	136.2	204.4
98	66.8	50.4	75.6



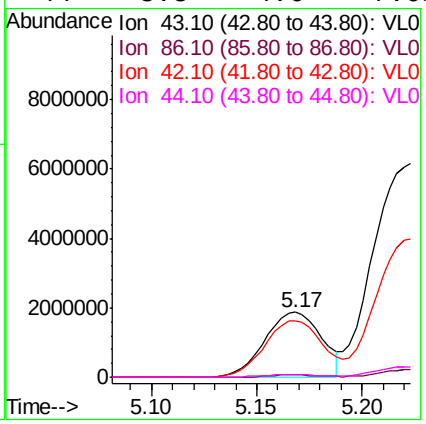


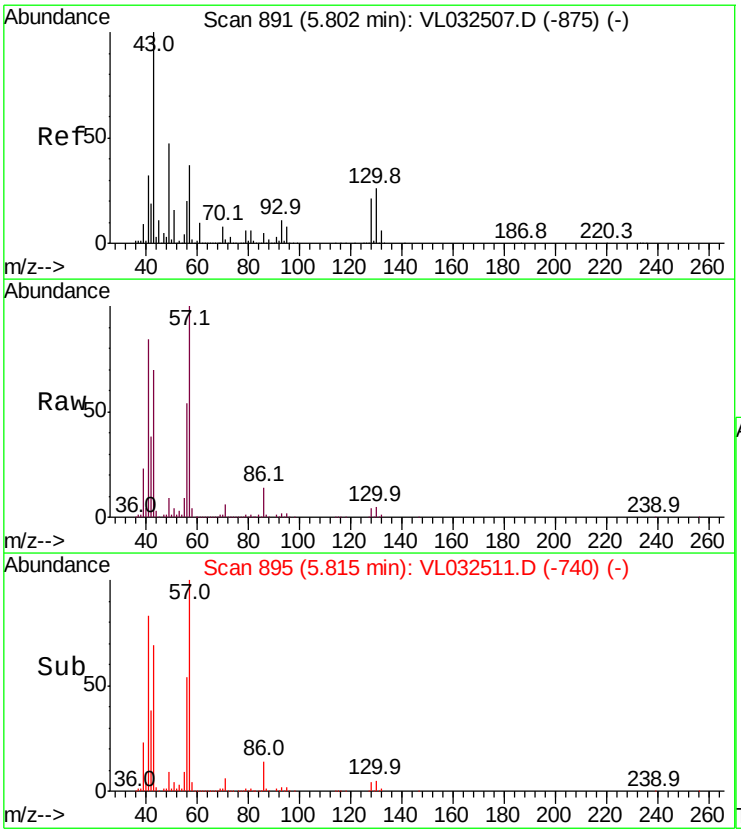
#23
Vinyl Acetate
Concen: 15.517 ppbv
RT: 5.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3498482

Ion	Ratio	Lower	Upper
43	100		
86	3.8	5.9	8.9#
42	86.7	6.9	10.3#
44	3.3	4.6	7.0#

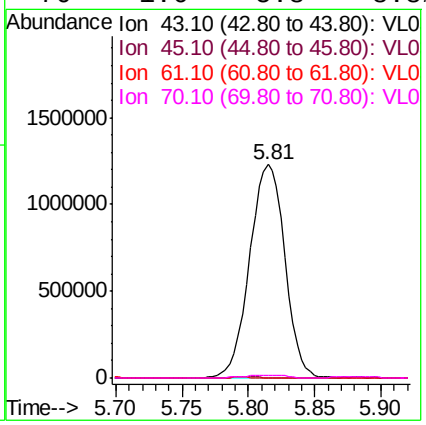


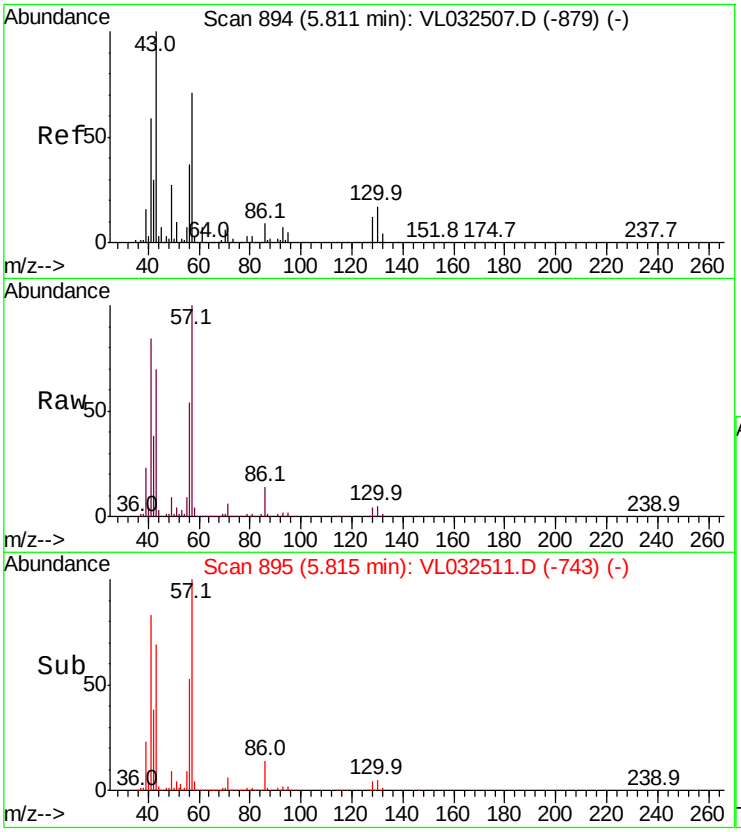


#25
Ethyl Acetate
Concen: 7.082 ppbv
RT: 5.81 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 43 Resp: 2274767

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.0	12.0#
61	0.5	7.6	11.4#
70	1.6	5.8	8.8#



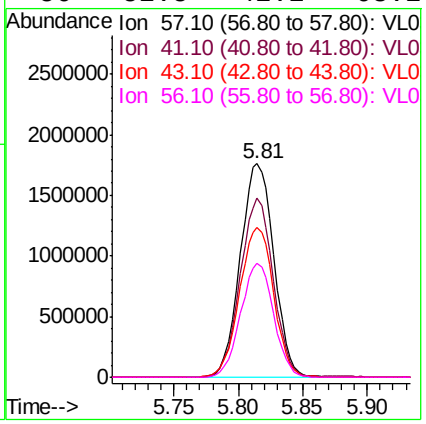


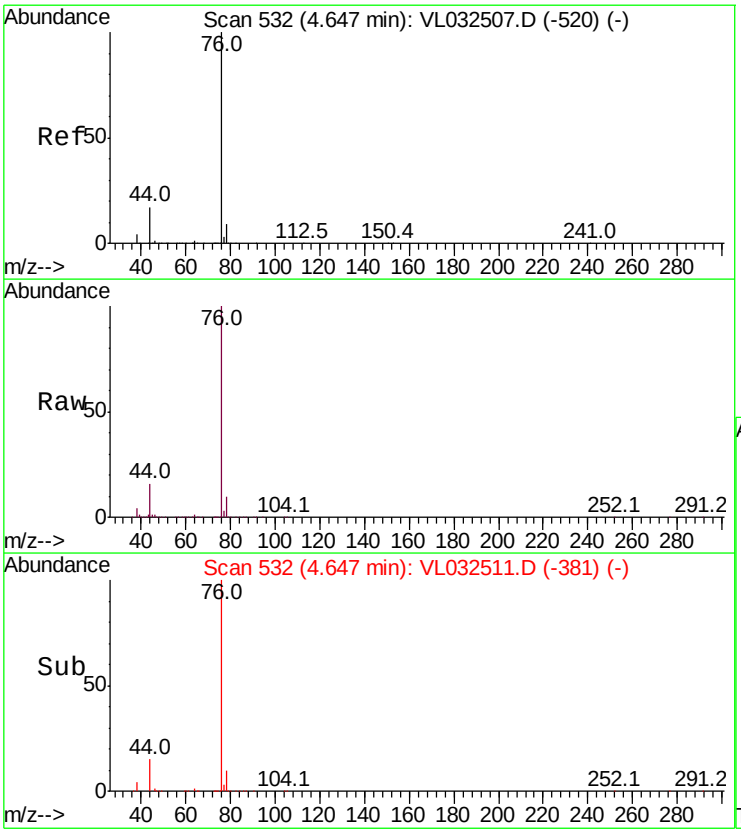
#26
Hexane
Concen: 22.216 ppbv
RT: 5.81 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 3195212

Ion	Ratio	Lower	Upper
57	100		
41	82.7	69.0	103.4
43	71.5	172.1	258.1#
56	52.5	42.2	63.2

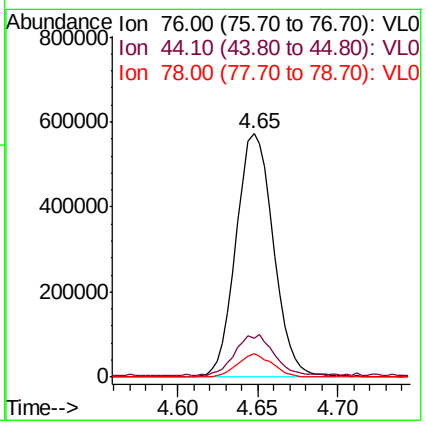


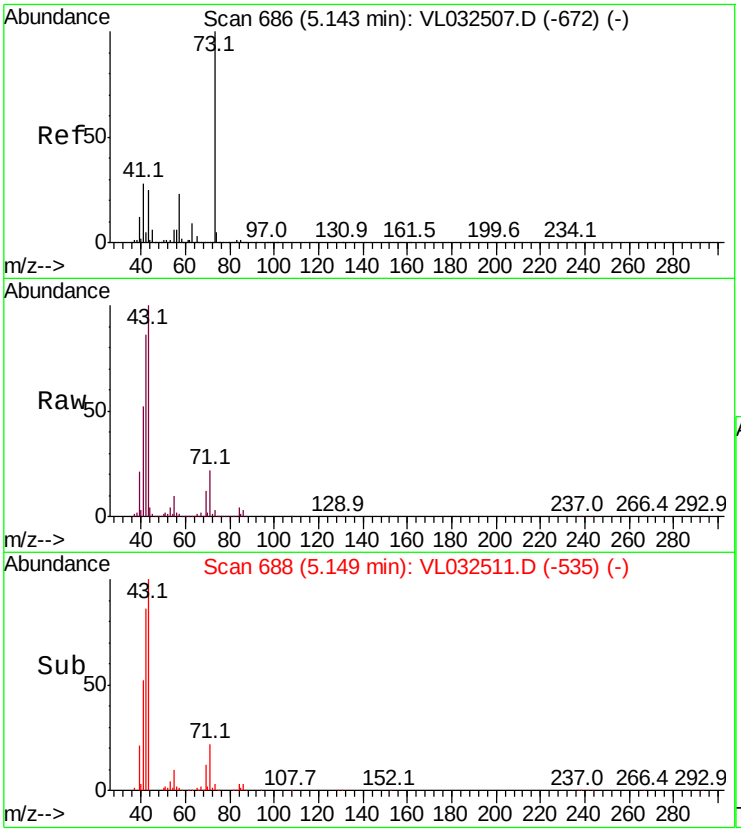


#27
Carbon Disulfide
Concen: 6.875 ppbv
RT: 4.65 min Scan# 532
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 76 Resp: 912787

Ion	Ratio	Lower	Upper
76	100		
44	18.6	14.0	21.0
78	9.2	7.5	11.3



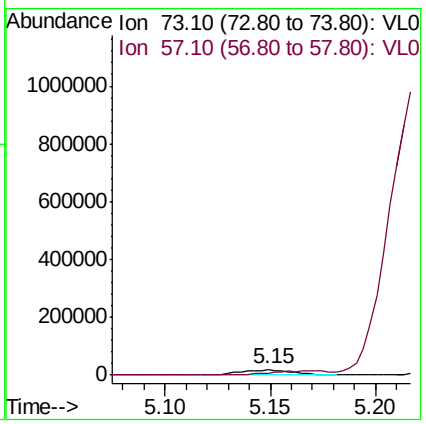


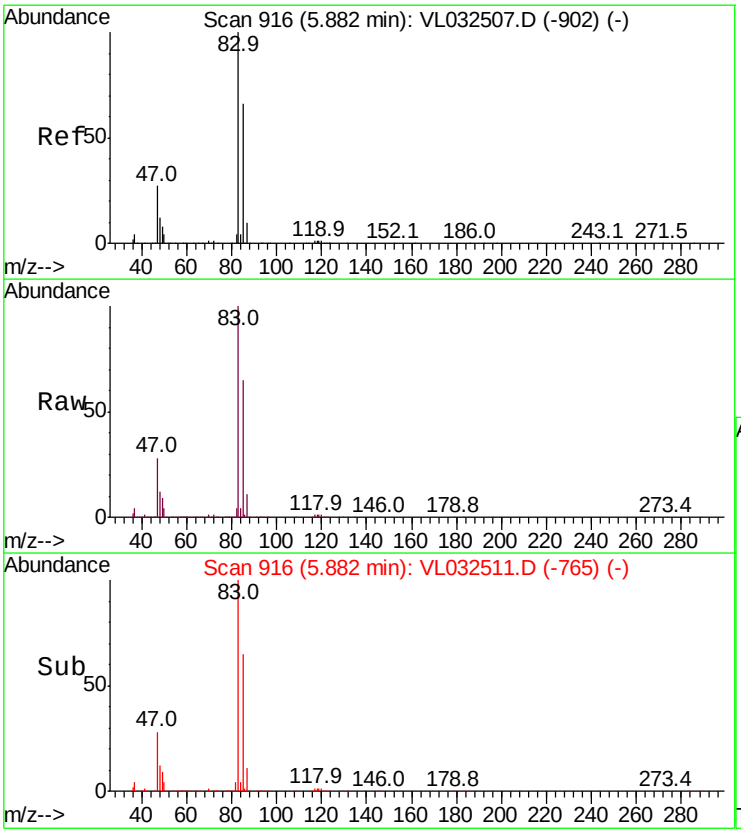
#28
Methyl tert-Butyl Ether
Concen: 0.172 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 73 Resp: 30365

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.3	28.9#

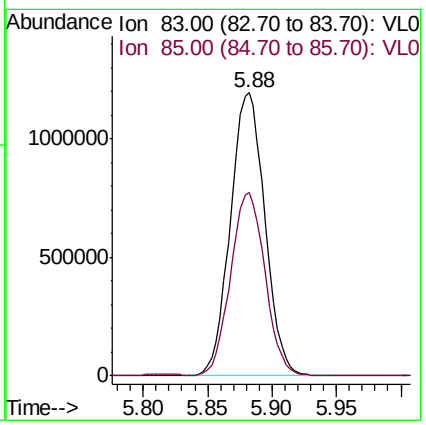


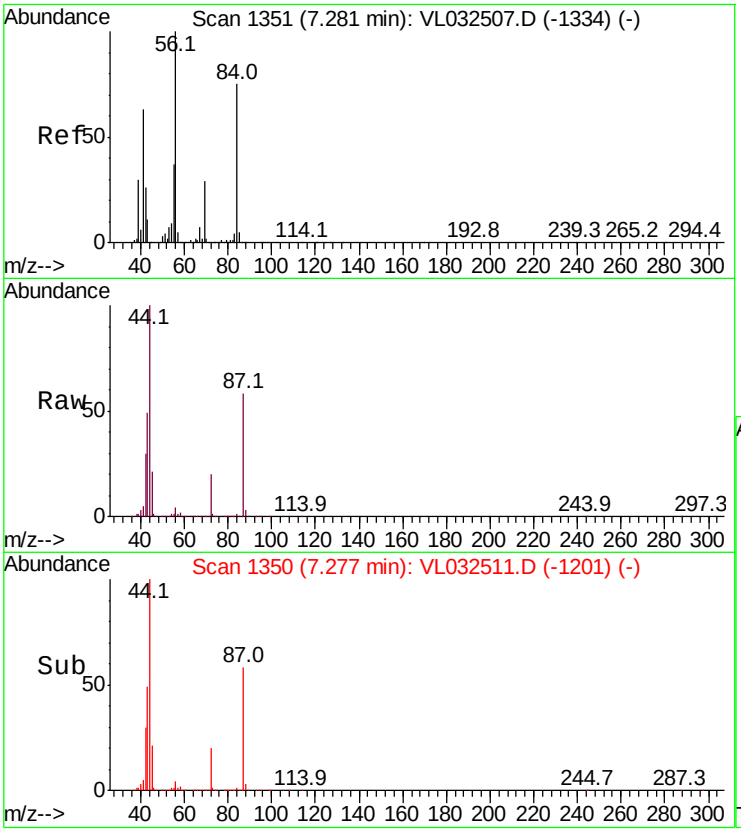


#29
Chloroform
Concen: 10.119 ppbv
RT: 5.88 min Scan# 916
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 83 Resp: 2219139

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.5	78.7



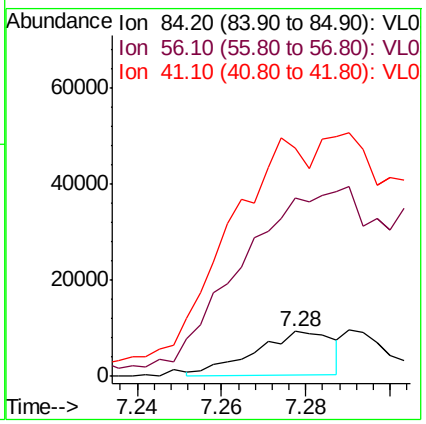


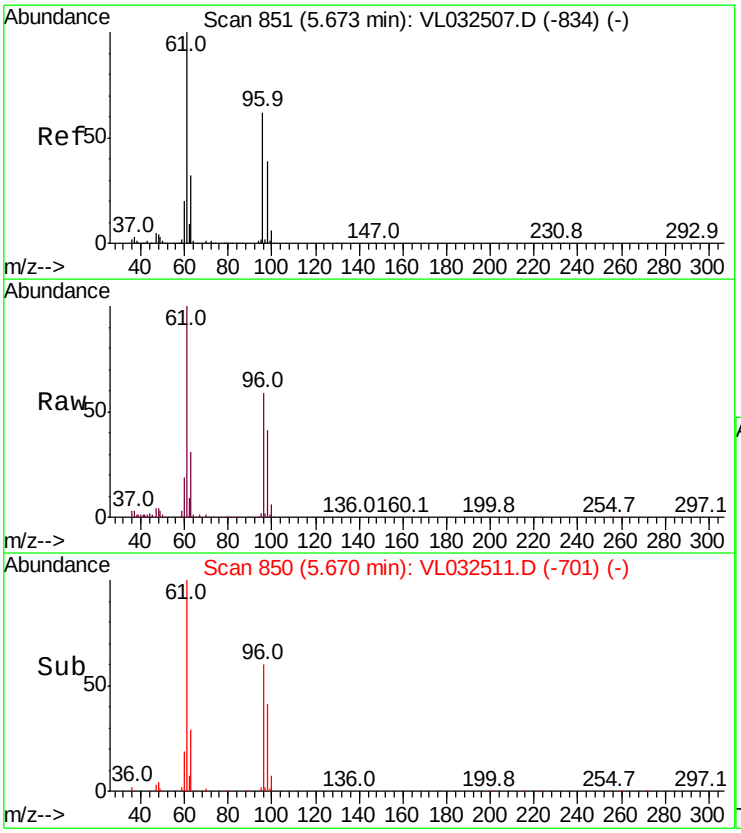
#30
Cyclohexane
Concen: 0.112 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 11783

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

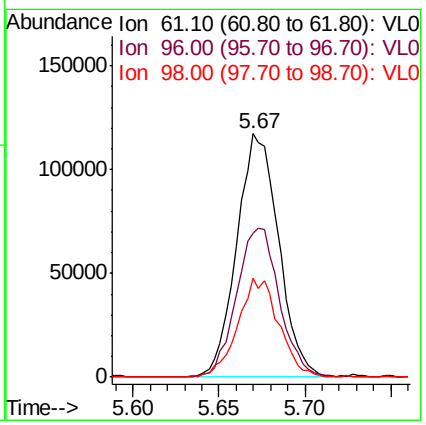


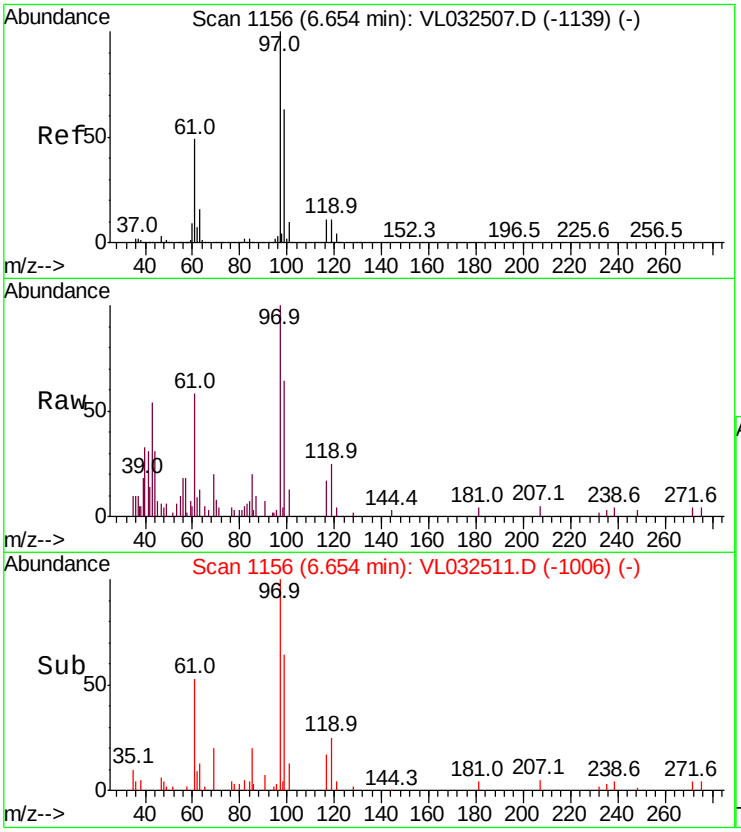


#31
cis-1,2-Dichloroethene
Concen: 1.526 ppbv
RT: 5.67 min Scan# 850
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 61 Resp: 198729

Ion	Ratio	Lower	Upper
61	100		
96	58.7	49.2	73.8
98	40.4	30.7	46.1



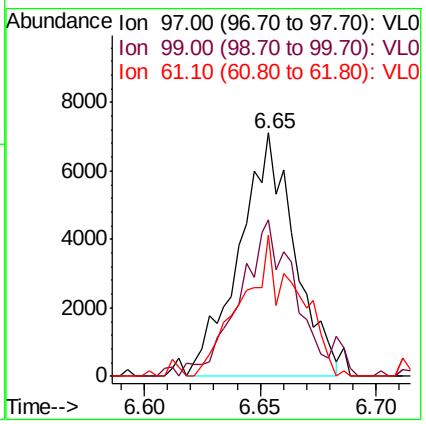


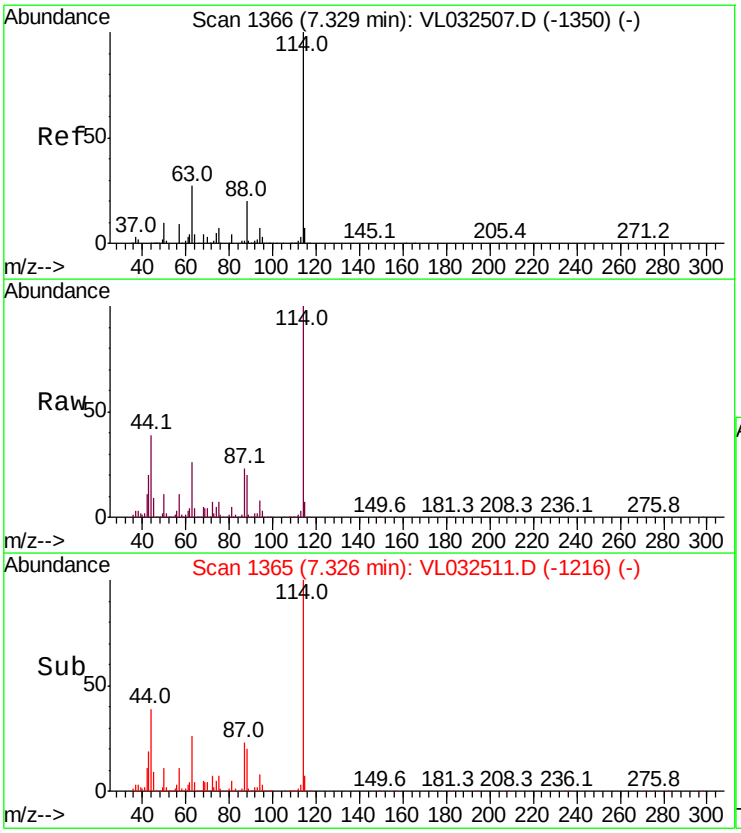
#32
1,1,1-Trichloroethane
Concen: 0.058 ppbv
RT: 6.65 min Scan# 1156
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 11789

Ion	Ratio	Lower	Upper
97	100		
99	68.9	52.1	78.1
61	59.7	42.5	63.7

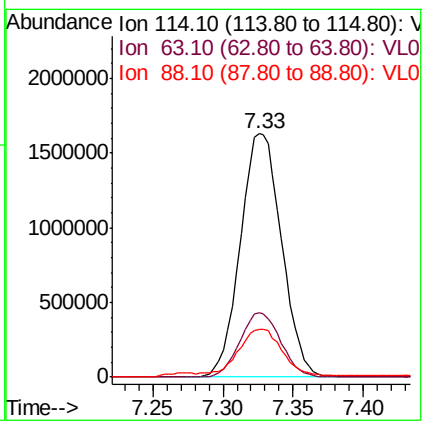


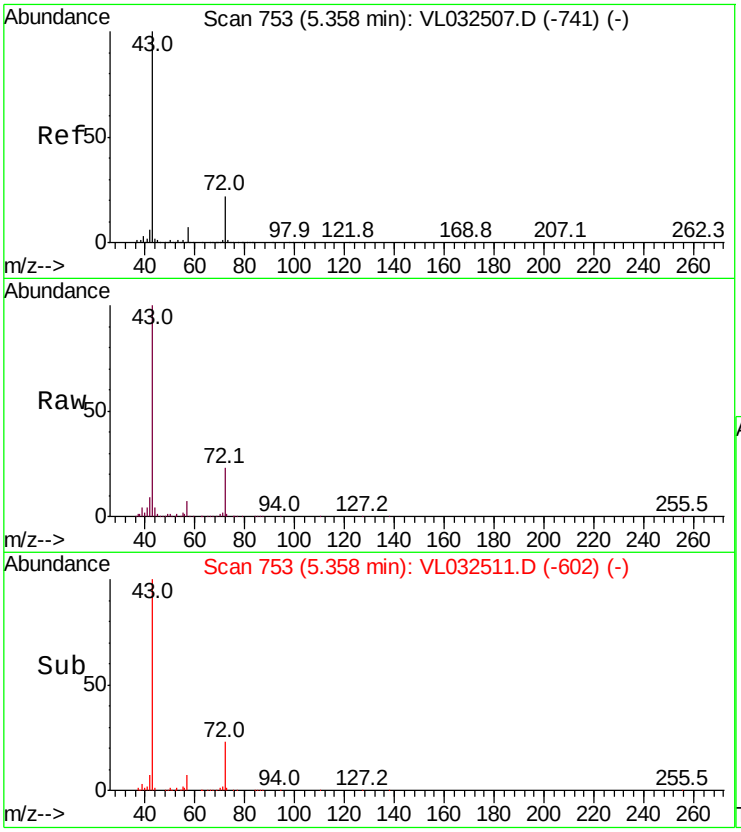


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.33 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion:114 Resp: 3338284

Ion	Ratio	Lower	Upper
114	100		
63	26.3	22.2	33.4
88	24.0	15.0	22.4#



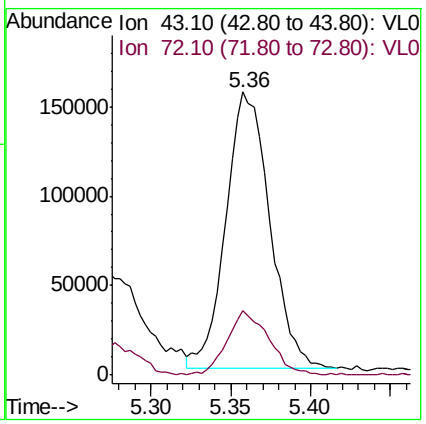


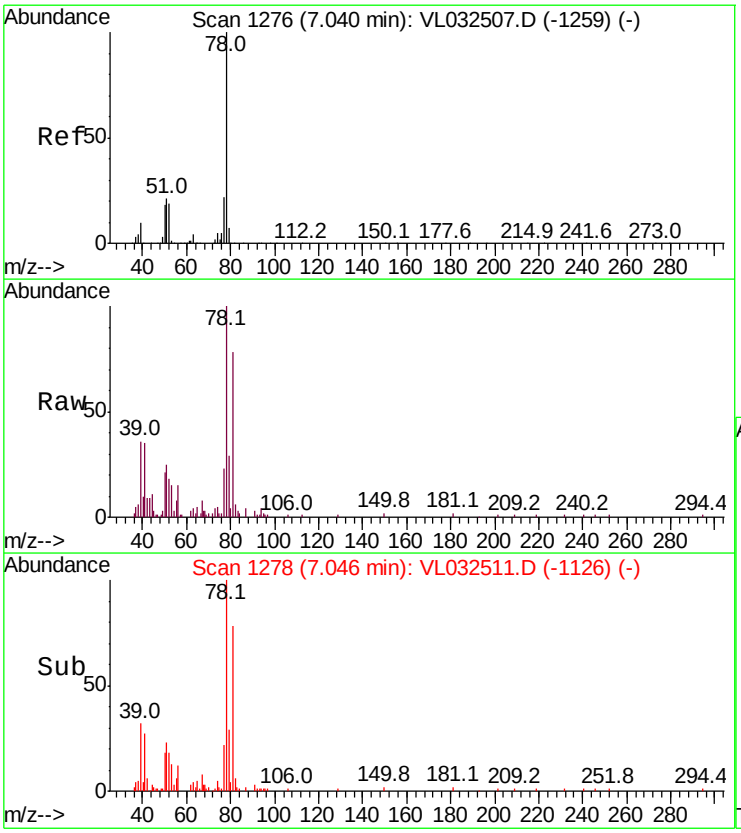
#34
2-Butanone
Concen: 1.302 ppbv
RT: 5.36 min Scan# 753
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 288651

Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.6

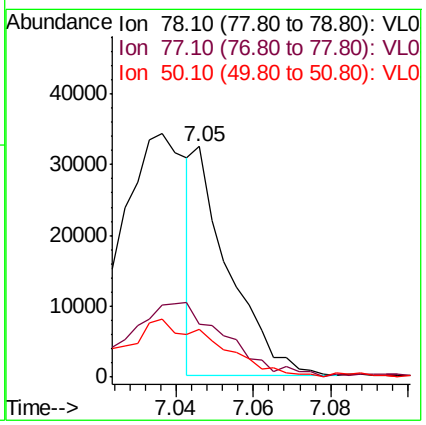


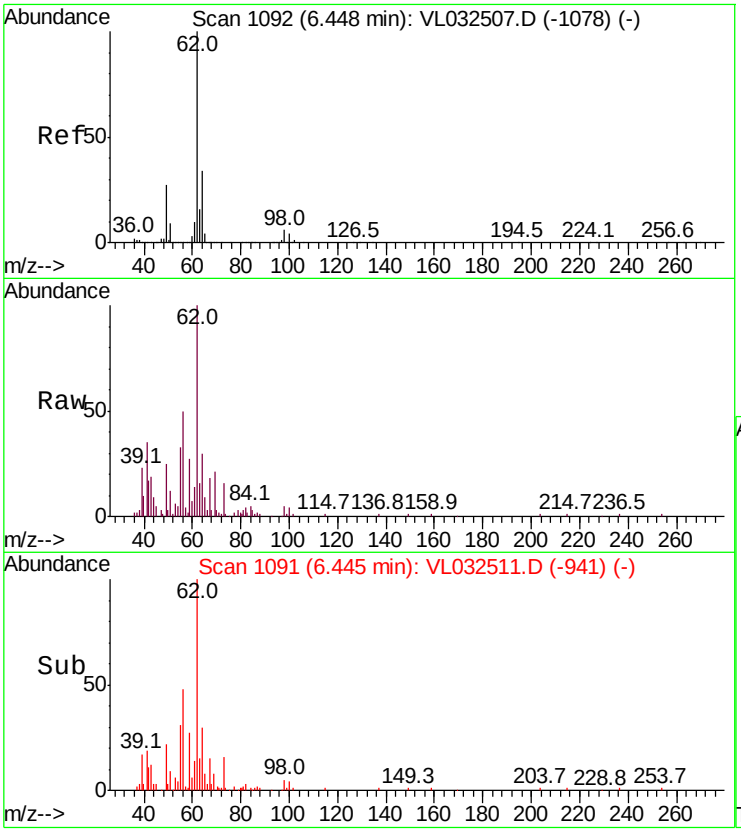


#36
Benzene
Concen: 0.072 ppbv
RT: 7.05 min Scan# 1278
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 78 Resp: 20516

Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.4	27.6
50	19.0	14.4	21.6



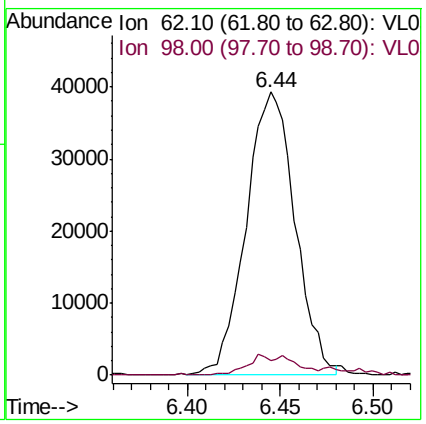


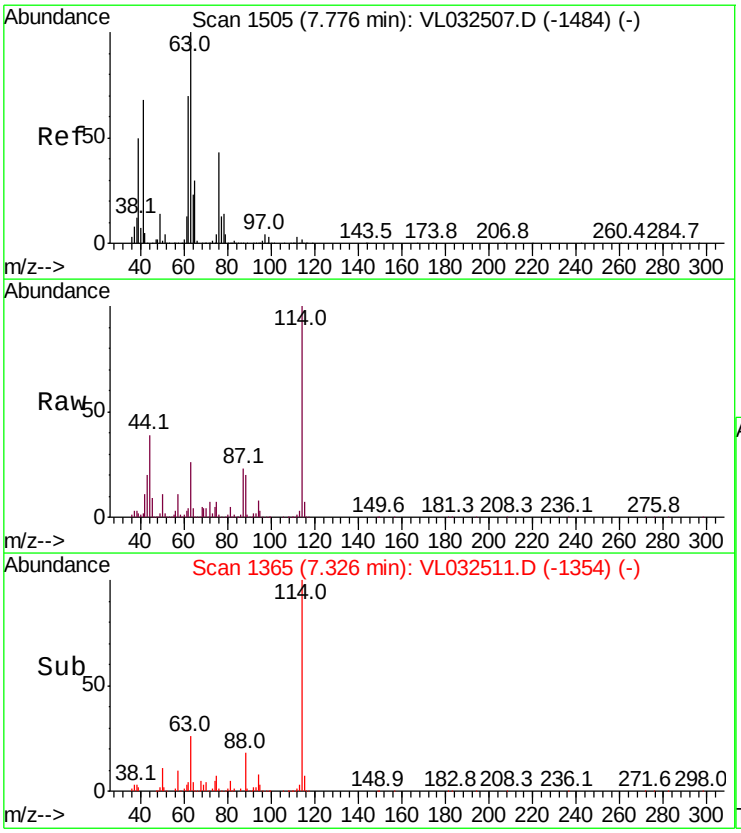
#37
1,2-Dichloroethane
Concen: 0.417 ppbv
RT: 6.44 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 72542

Ion	Ratio	Lower	Upper
62	100		
98	9.0	5.0	7.6#

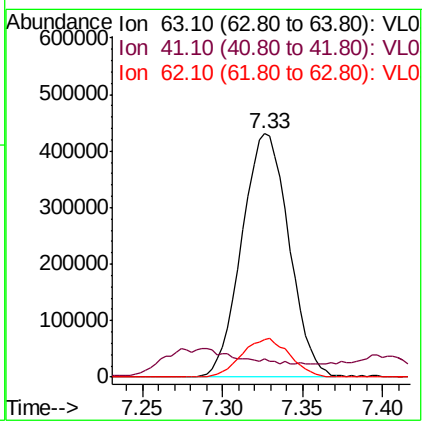


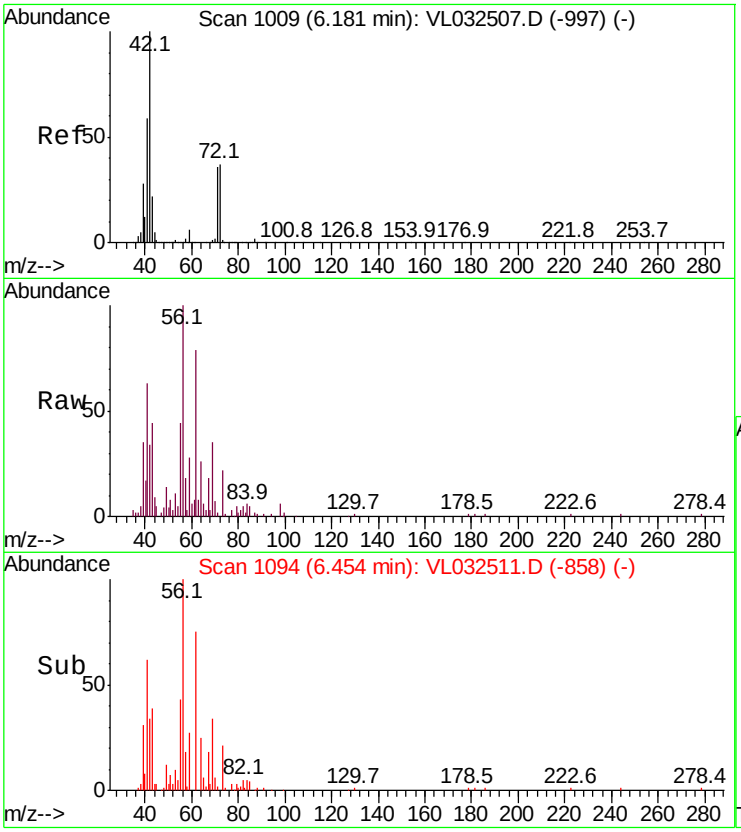


#39
1,2-Dichloropropane
Concen: 7.144 ppbv
RT: 7.33 min Scan# 1365
Delta R.T. -0.46 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 63 Resp: 868294

Ion	Ratio	Lower	Upper
63	100		
41	2.1	55.4	83.0#
62	15.3	55.4	83.0#



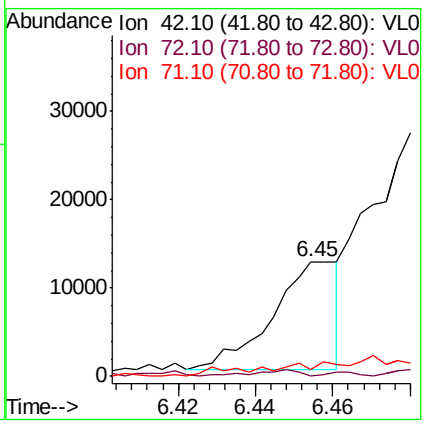


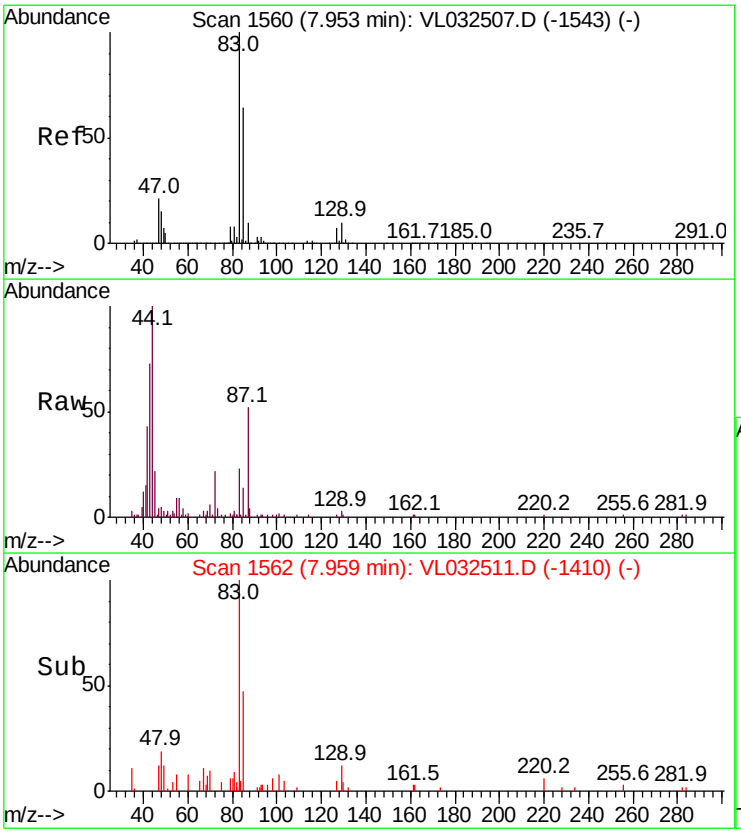
#41
Tetrahydrofuran
Concen: 0.119 ppbv
RT: 6.45 min Scan# 1094
Delta R.T. 0.26 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 14406

Ion	Ratio	Lower	Upper
42	100		
72	6.1	29.5	44.3#
71	0.0	28.3	42.5#

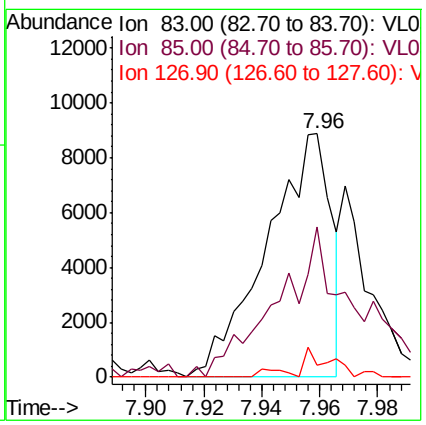


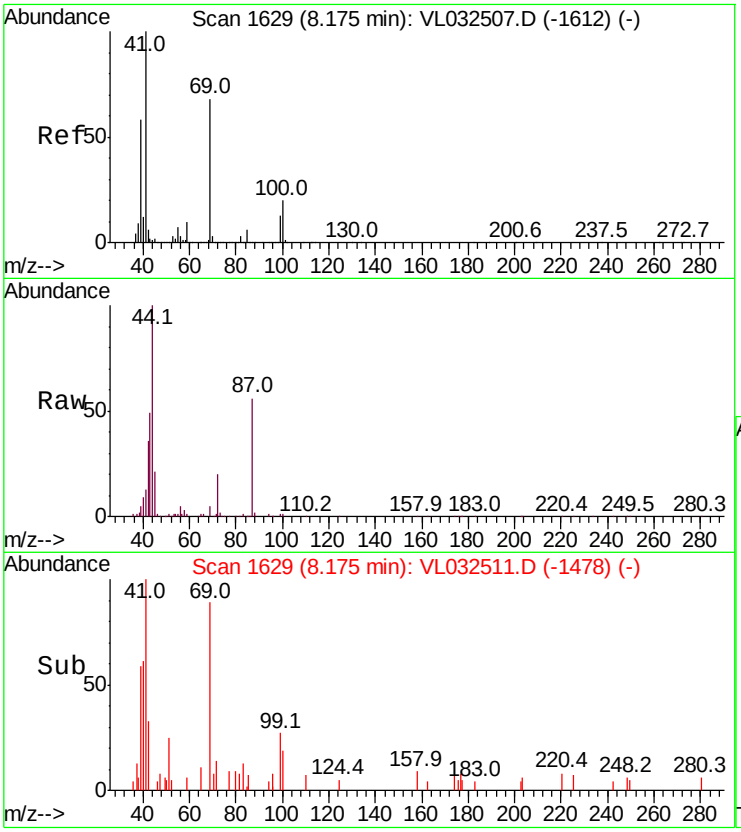


#42
Bromodichloromethane
Concen: 0.057 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 83 Resp: 13711

Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.1	76.7
127	5.0	5.8	8.8#



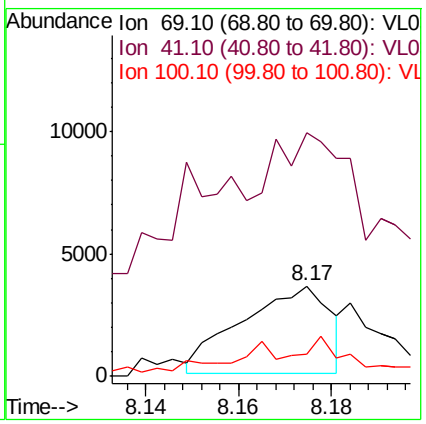


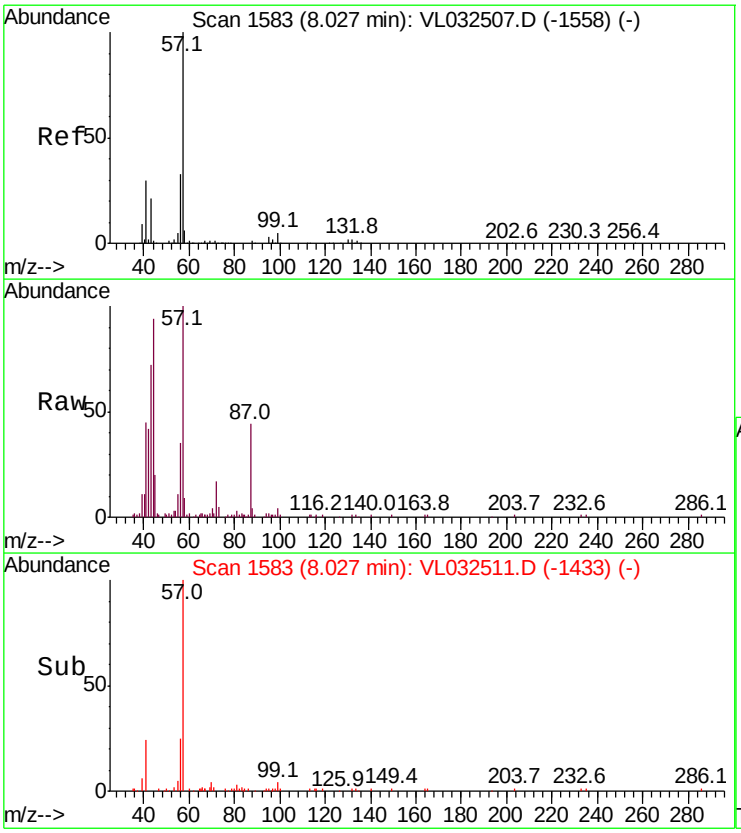
#43
Methyl Methacrylate
Concen: 0.039 ppbv
RT: 8.17 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 4746

Ion	Ratio	Lower	Upper
69	100		
41	424.1	117.1	175.7#
100	61.4	23.4	35.2#

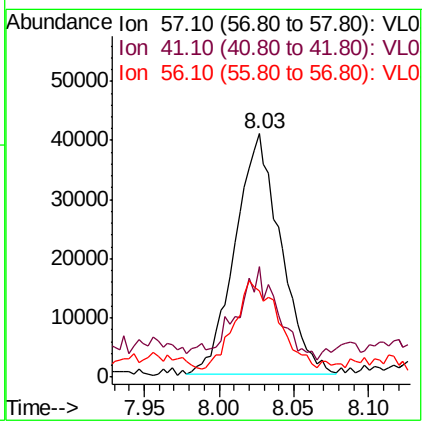


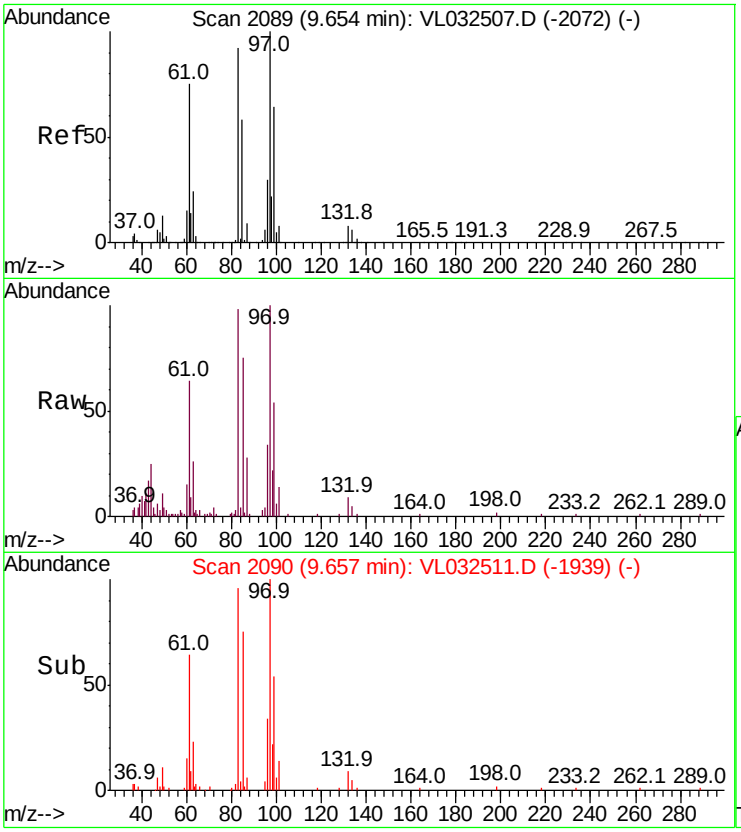


#44
2,2,4-Trimethylpentane
Concen: 0.158 ppbv
RT: 8.03 min Scan# 1583
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 57 Resp: 86599

Ion	Ratio	Lower	Upper
57	100		
41	30.6	24.4	36.6
56	37.4	25.7	38.5



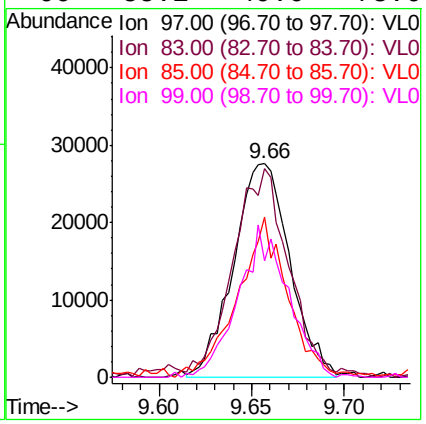


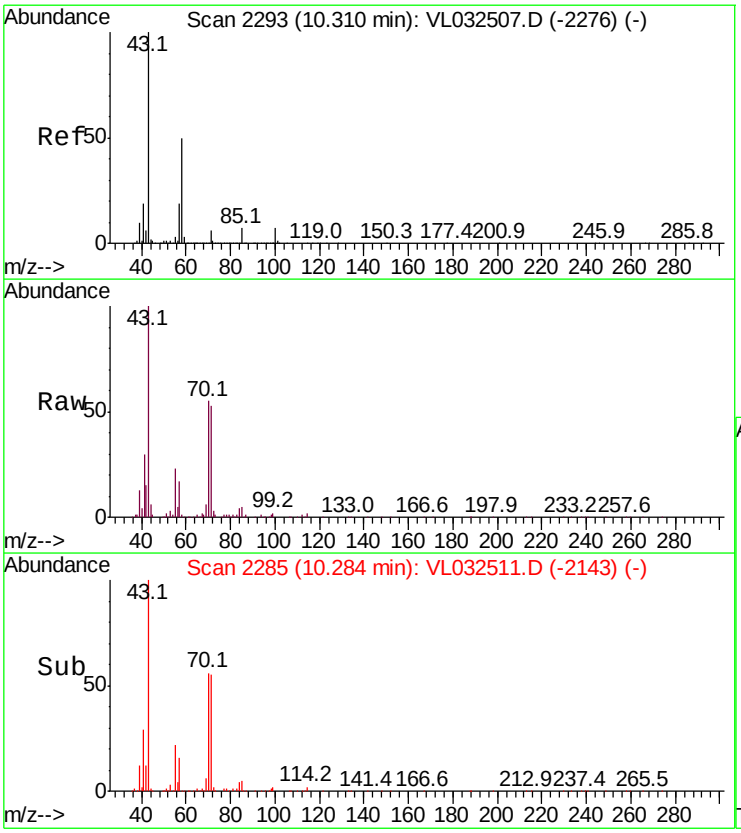
#47
1,1,2-Trichloroethane
Concen: 0.452 ppbv
RT: 9.66 min Scan# 2090
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 58384

Ion	Ratio	Lower	Upper
97	100		
83	96.6	75.0	112.4
85	74.3	47.5	71.3#
99	55.1	49.0	73.6

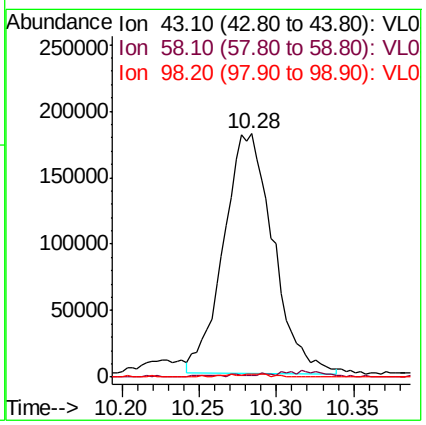


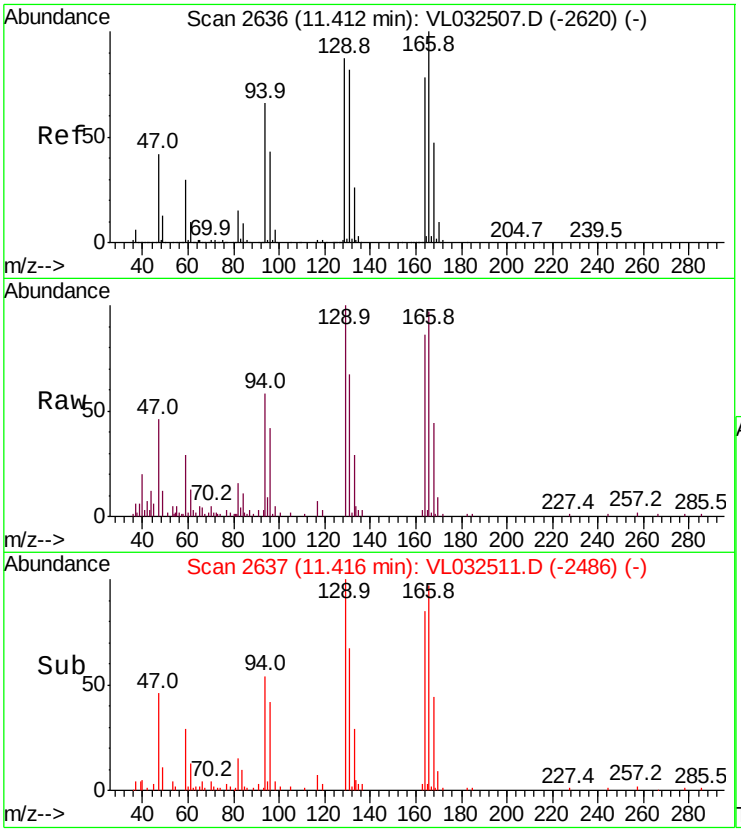


#51
2-Hexanone
Concen: 1.878 ppbv
RT: 10.28 min Scan# 2285
Delta R.T. -0.04 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 43 Resp: 403987

Ion	Ratio	Lower	Upper
43	100		
58	0.7	39.2	58.8#
98	1.2	0.4	0.6#



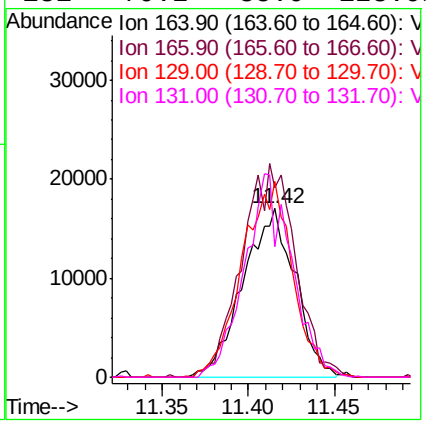


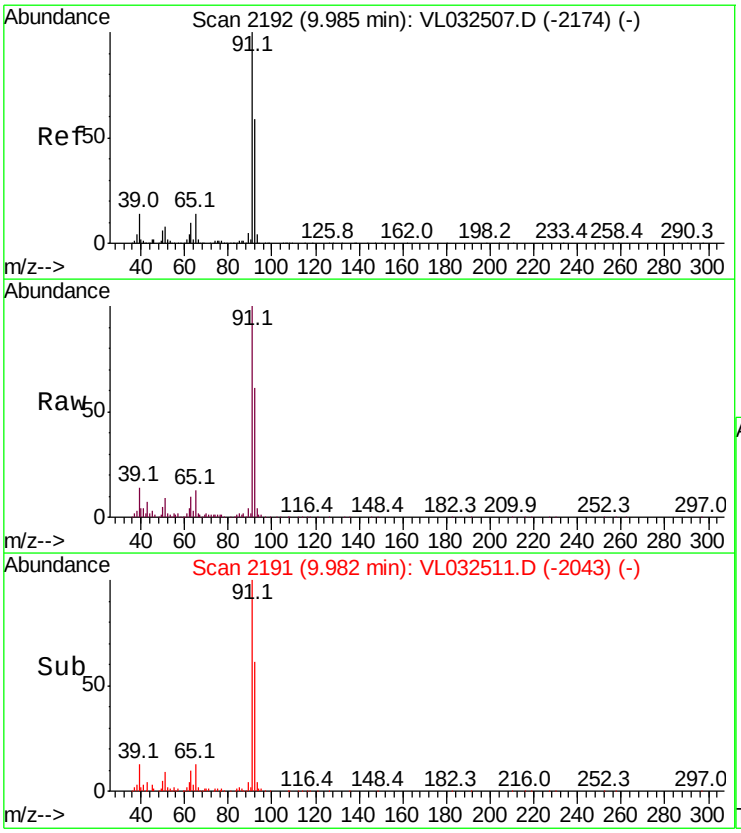
#52
Tetrachloroethene
Concen: 0.406 ppbv
RT: 11.42 min Scan# 2637
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 35776

Ion	Ratio	Lower	Upper
164	100		
166	112.7	100.6	150.8
129	115.1	89.9	134.9
131	79.2	85.9	128.9#

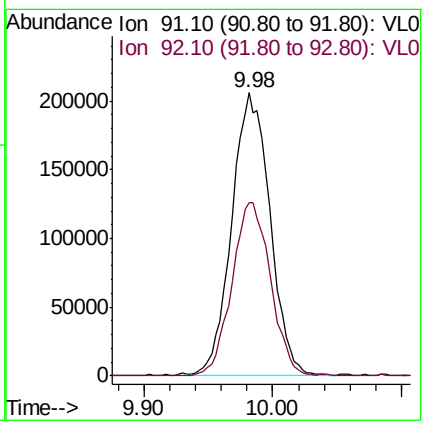


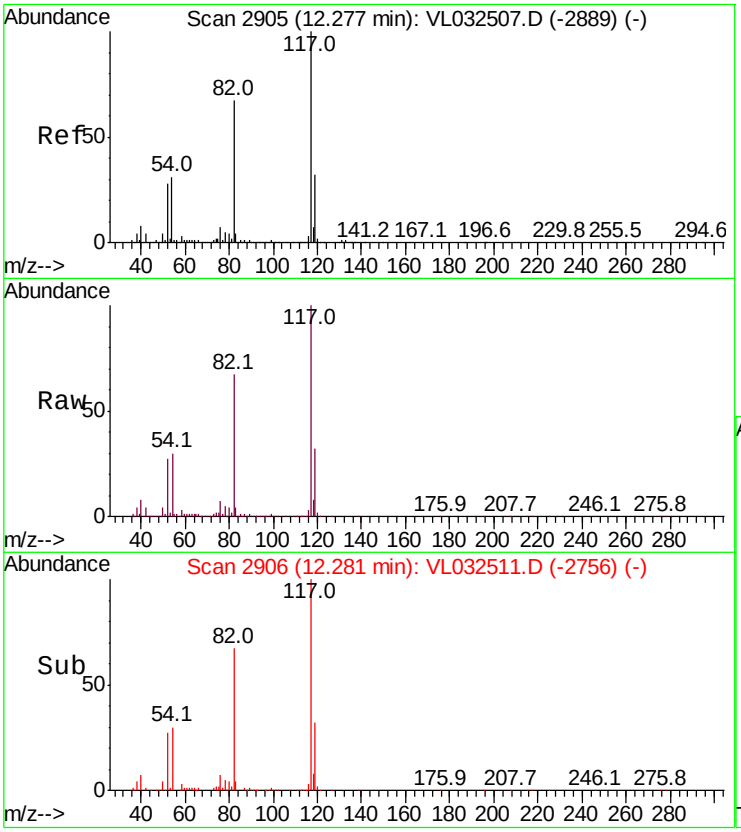


#53
Toluene
Concen: 1.423 ppbv
RT: 9.98 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 91 Resp: 422663

Ion	Ratio	Lower	Upper
91	100		
92	62.4	48.1	72.1



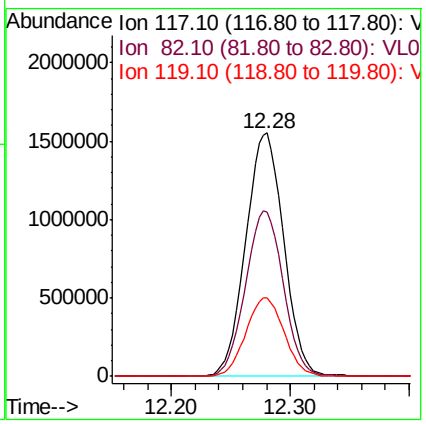


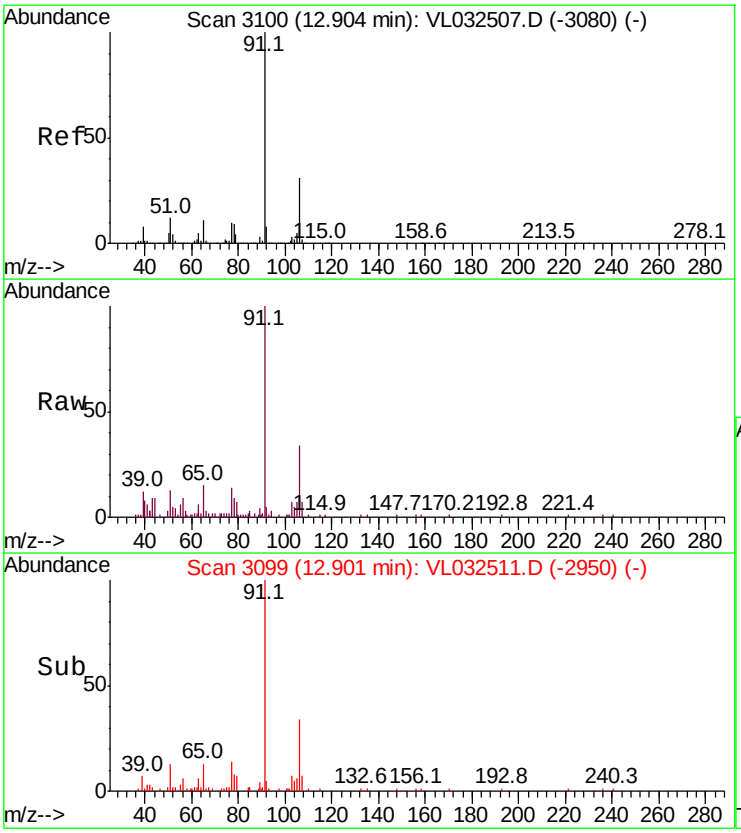
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.28 min Scan# 2906
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3430890

Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.0	79.6
119	32.6	45.9	68.9#

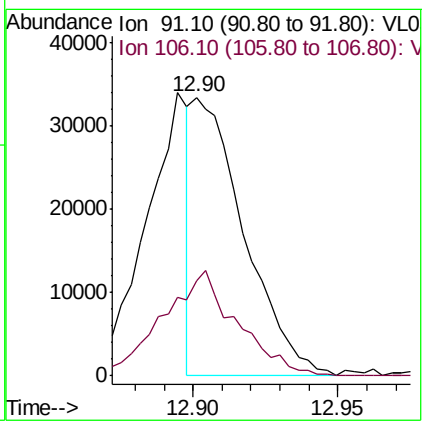


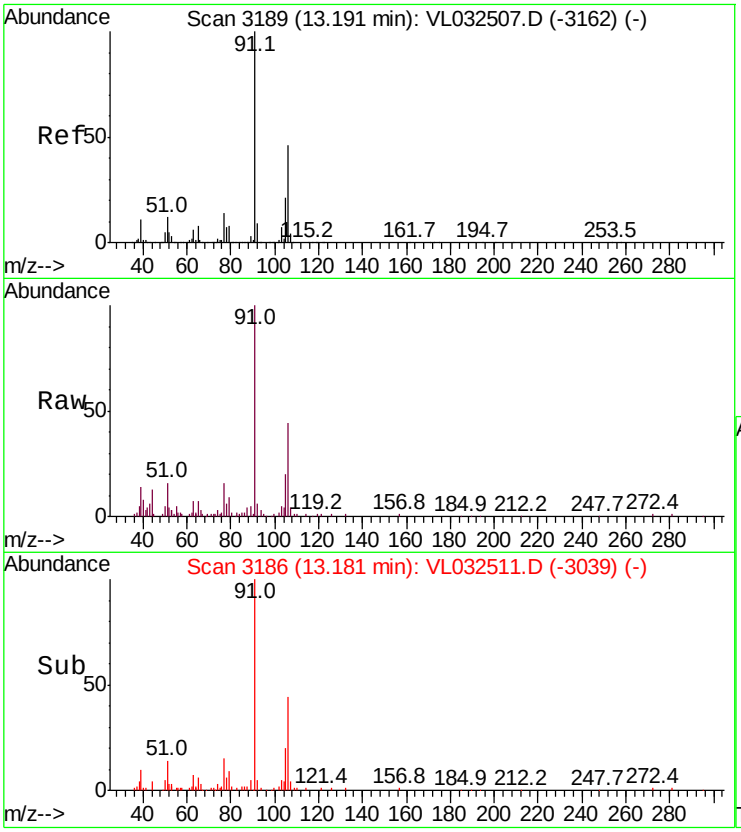


#58
Ethyl Benzene
Concen: 0.100 ppbv
RT: 12.90 min Scan# 3099
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 91 Resp: 41122

Ion	Ratio	Lower	Upper
91	100		
106	34.2	24.8	37.2



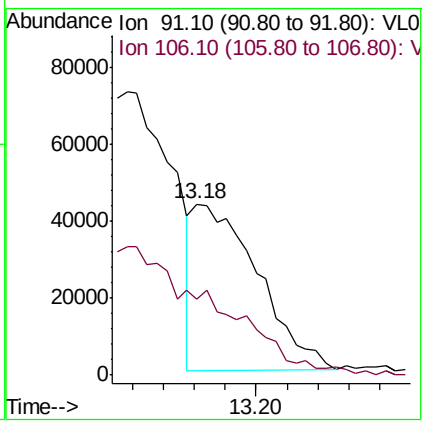


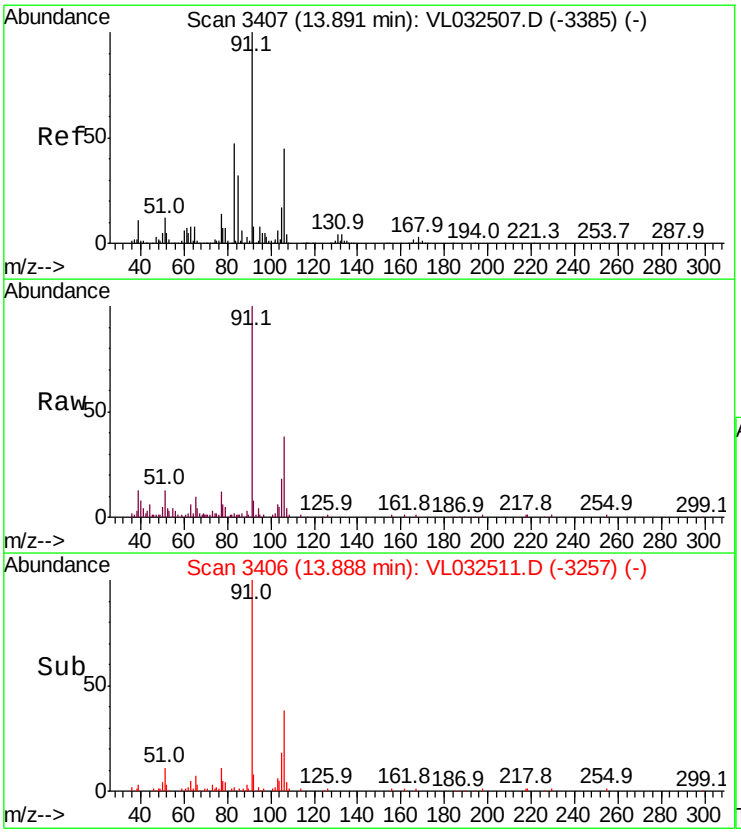
#59
m/p-Xylene
Concen: 0.171 ppbv
RT: 13.18 min Scan# 3186
Delta R.T. -0.03 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 62443

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.6	55.0#

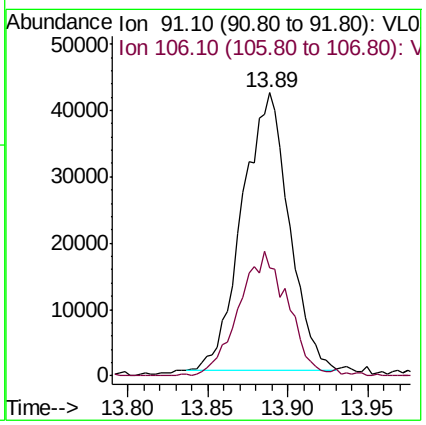


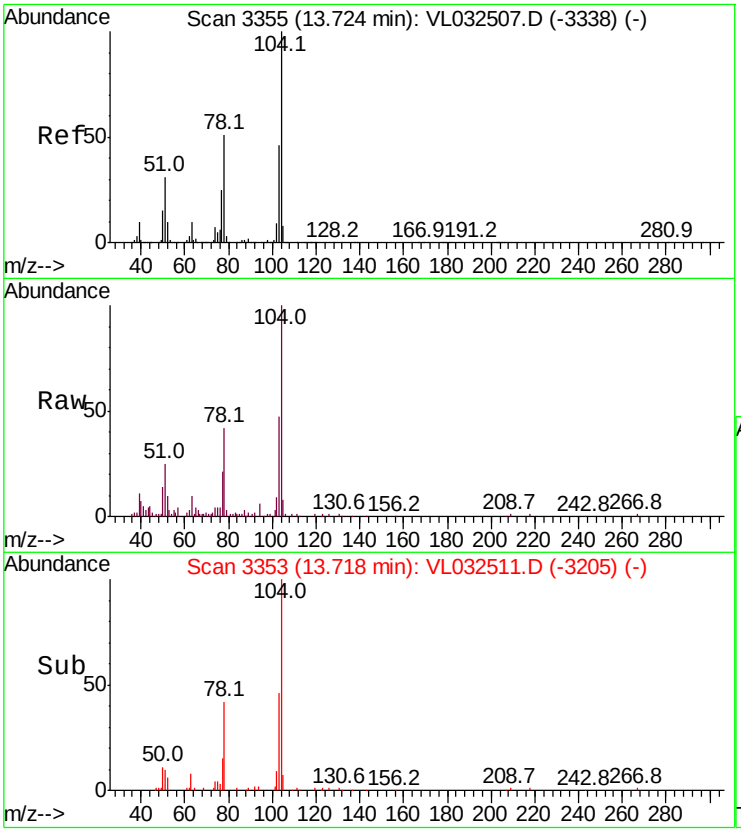


#60
o-Xylene
Concen: 0.236 ppbv
RT: 13.89 min Scan# 3406
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion: 91 Resp: 84697

Ion	Ratio	Lower	Upper
91	100		
106	46.9	21.9	65.7



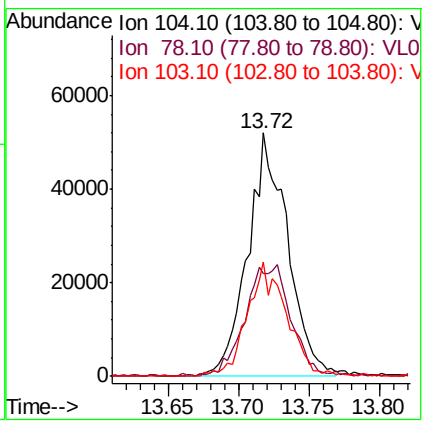


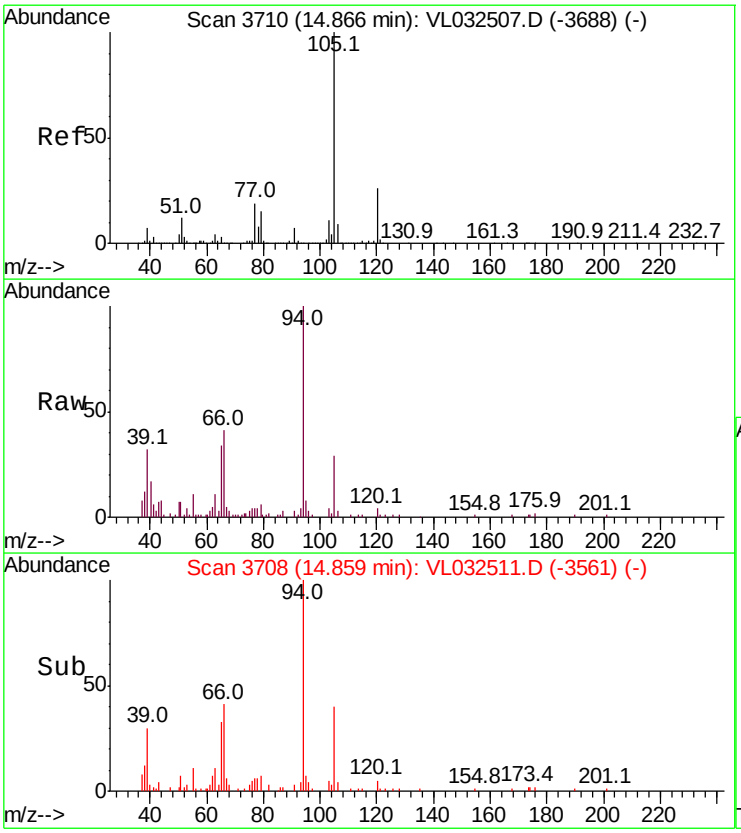
#61
Stvrene
Concen: 0.442 ppbv
RT: 13.72 min Scan# 3353
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 102775

Ion	Ratio	Lower	Upper
104	100		
78	53.1	41.8	62.8
103	46.6	38.0	57.0

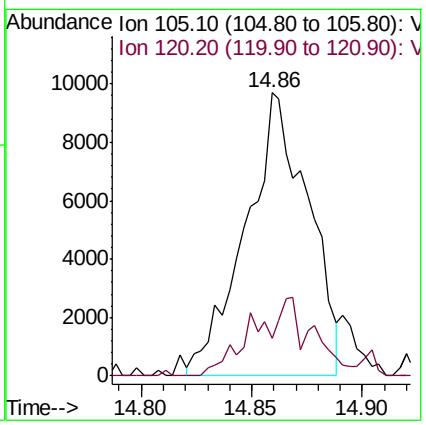


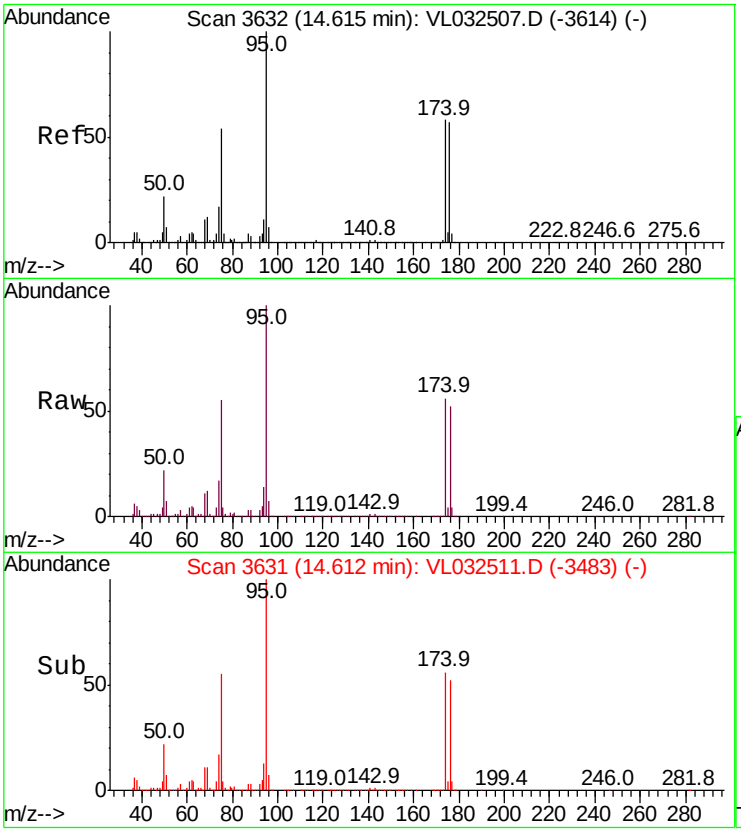


#62
Isopropylbenzene
Concen: 0.038 ppbv
RT: 14.86 min Scan# 3708
Delta R.T. -0.03 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion:105 Resp: 19101

Ion	Ratio	Lower	Upper
105	100		
120	28.0	20.6	31.0



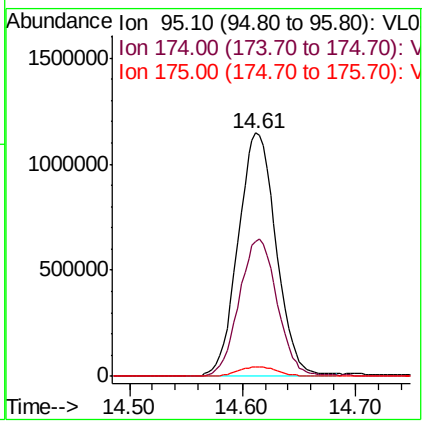


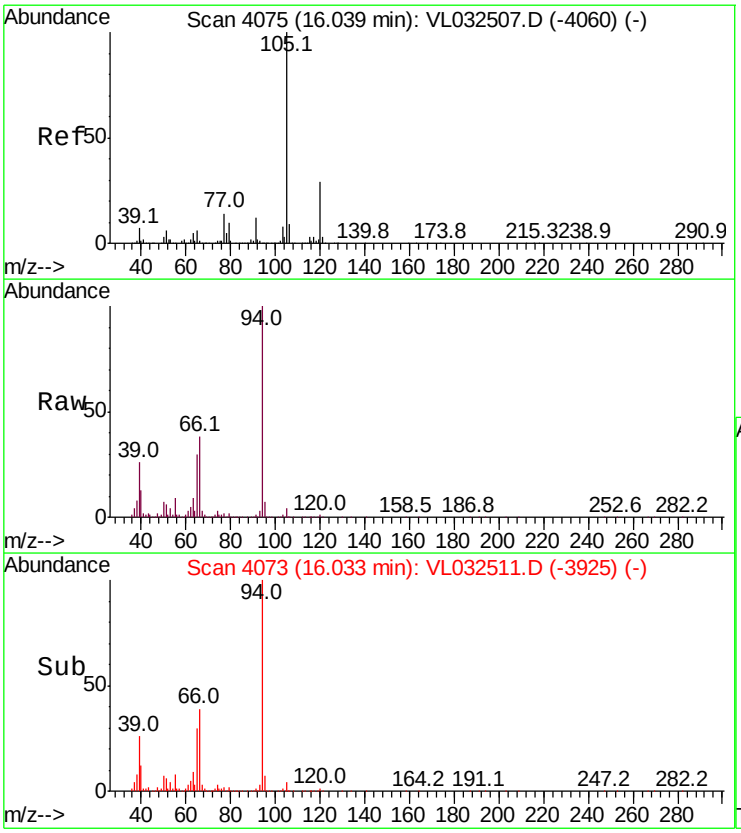
#68
1-Bromo-4-Fluorobenzene
Concen: 10.514 ppbv
RT: 14.61 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2678085

Ion	Ratio	Lower	Upper
95	100		
174	57.5	46.3	69.5
175	4.2	3.4	5.0

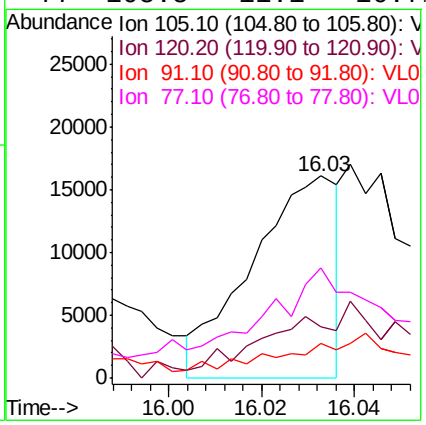


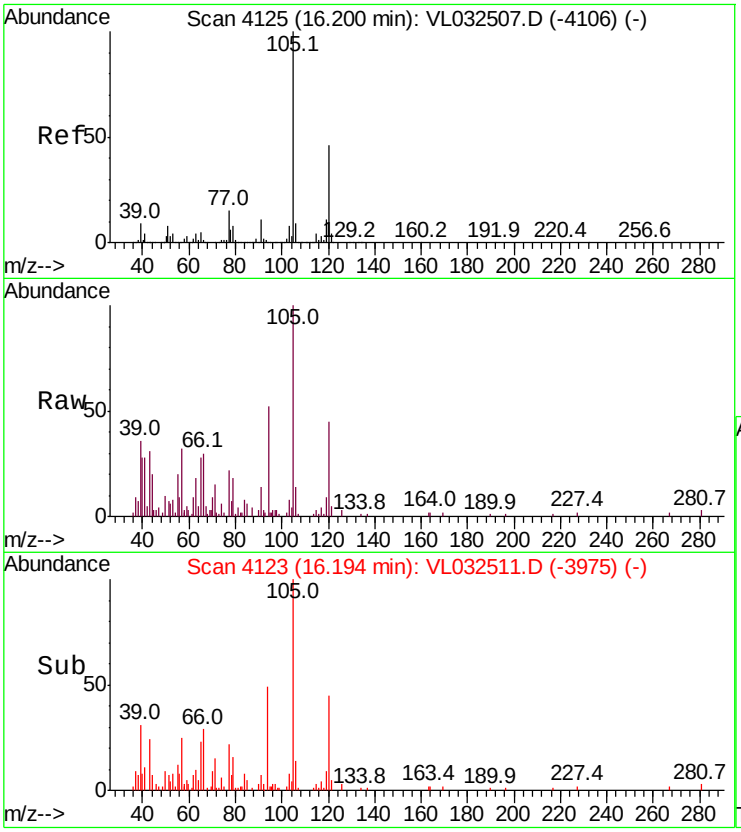


#72
4-Ethyltoluene
Concen: 0.053 ppbv
RT: 16.03 min Scan# 4073
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion:105 Resp: 20837

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.5	35.3#
91	0.0	10.2	15.2#
77	105.5	11.1	16.7#



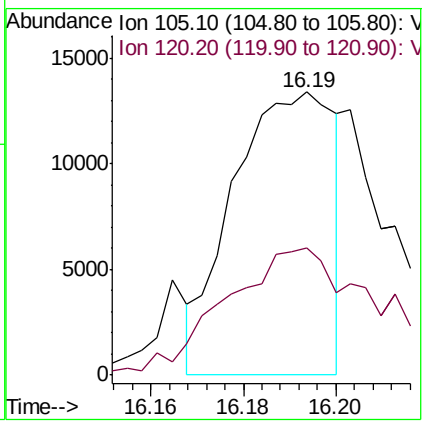


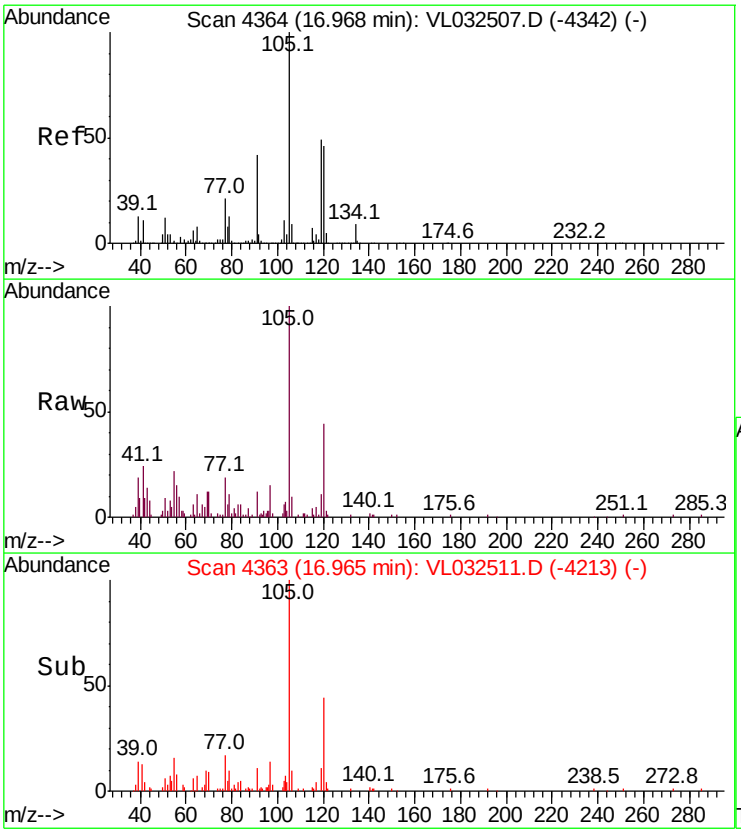
#73
1,3,5-Trimethylbenzene
Concen: 0.052 ppbv
RT: 16.19 min Scan# 4123
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 20377

Ion	Ratio	Lower	Upper
105	100		
120	45.5	37.9	56.9

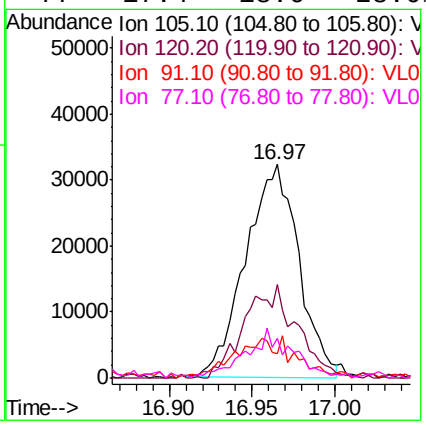


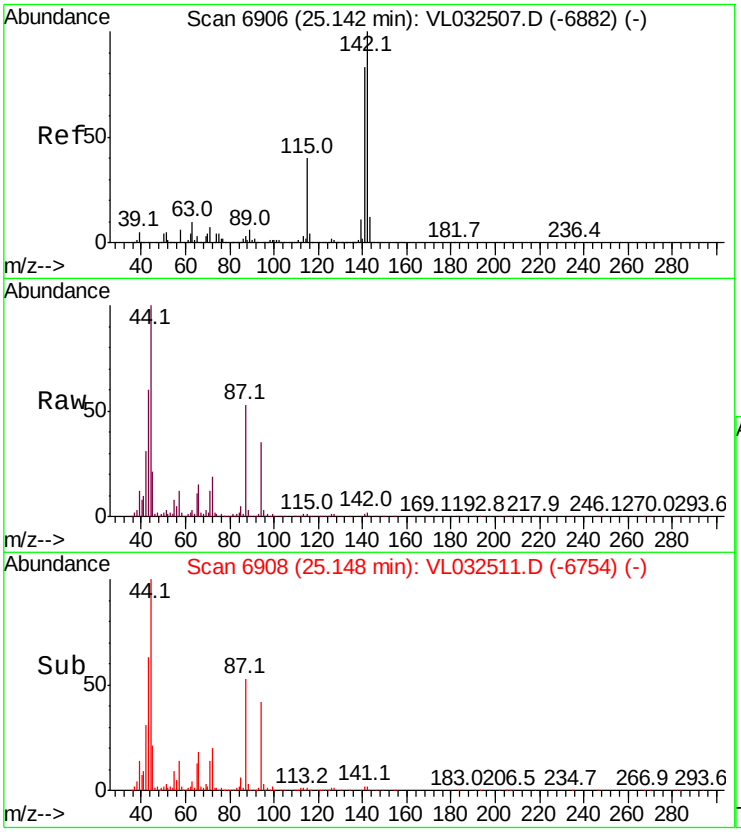


#74
1,2,4-Trimethylbenzene
Concen: 0.167 ppbv
RT: 16.97 min Scan# 4363
Delta R.T. -0.02 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Tgt Ion:105 Resp: 71834

Ion	Ratio	Lower	Upper
105	100		
120	44.4	37.8	56.8
91	10.6	41.4	62.0#
77	17.4	18.6	28.0#





#80
Naphthalene,2-methyl-
Concen: 0.120 ppbv
RT: 25.15 min Scan# 6908
Delta R.T. -0.01 min
Lab File: VL032511.D
Acq: 20 Sep 2018 17:43

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 11190

Ion	Ratio	Lower	Upper
142	100		
141	93.6	67.0	100.6
115	49.1	31.3	46.9#