Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025622.D
Acq On : 8 Jul 2015 00:38
Operator : SY/MD
Sample : G2872-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DIN46-MIDSTREAM-070115

Quant Time: Jul 08 06:56:59 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.65	49	764888	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.34	114	2077907	10.00	ppbv		0.01
55) Chlorobenzene-d5	13.76	117	2470299	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.29	95	2027488	9.73	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	11999	0.06	ppbv		95
3) Chlorodifluoromethane	3.57	51	4527	0.04	ppbv	#	58
4) Chloromethane	3.75	50	7458	0.15	ppbv		96
5) Vinyl Chloride	3.89	62	52328	0.99	ppbv		96
7) Chloroethane	3.89	64	16609	0.67	ppbv	#	45
8) Dichlorotetrafluoroethane	3.80	85	444	0.00	ppbv	#	17
9) Propene	3.60	41	64351	1.80	ppbv		92
10) Heptane	9.37	43	574	0.00	ppbv	#	25
11) Trichlorofluoromethane	4.70	101	6233	0.02	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	5.31	101	2060	0.01	ppbv	#	67
13) Ethanol	4.35	45	24845	4.46	ppbv		100
15) Acetone	4.61	43	766546	5.67	ppbv	#	90
16) 1,3-Butadiene	3.95	39	256148	4.76	ppbv	#	21
17) tert-Butyl alcohol	5.14	59	798430	7.04	ppbv		97
18) 1,1-Dichloroethene	5.09	96	176303	3.12	ppbv		99
19) Isopropyl Alcohol	4.73	45	367	0.01	ppbv	#	96
20) Methylene Chloride	5.15	84	5365	0.10	ppbv	#	91
21) Allyl Chloride	5.17	41	77856	0.92	ppbv	#	1
22) trans-1,2-Dichloroethene	5.77	96	21261	0.37	ppbv		91
23) Vinyl Acetate	5.96	43	90497	0.44	ppbv	#	1
24) 1,1-Dichloroethane	5.92	63	1521263	11.08	ppbv		100
25) Ethyl Acetate	6.67	43	108599	0.53	ppbv	#	79
26) Hexane	6.67	57	163440	1.70	ppbv	#	44
27) Carbon Disulfide	5.39	76	197947	1.27	ppbv		97
28) Methyl tert-Butyl Ether	6.00	73	138	0.00	ppbv	#	56
29) Chloroform	6.75	83	39425	0.21	ppbv		96
30) Cyclohexane	8.29	84	419376	4.56	ppbv		95
31) cis-1,2-Dichloroethene	6.52	61	2910364	30.42	ppbv		99
32) 1,1,1-Trichloroethane	7.60	97	333321	1.61	ppbv		98
34) 2-Butanone	6.23	43	104395	0.89	ppbv		96
35) Carbon Tetrachloride	8.16	117	2734	0.01	ppbv		93
36) Benzene	8.04	78	9247	0.05	ppbv		97
37) 1,2-Dichloroethane	7.38	62	4351	0.03	ppbv	#	85
38) Trichloroethene	9.09	130	18028370	194.84	ppbv		89
39) 1,2-Dichloropropane	9.09	63	104072	1.42	ppbv	#	1
41) Tetrahydrofuran	7.17	42	109860	1.87	ppbv		95
42) Bromodichloromethane	9.09	83	366239	1.79	ppbv	#	97
43) Methyl Methacrylate	9.13	69	1383	0.02	ppbv	#	1
44) 2,2,4-Trimethylpentane	9.10	57	2271	0.01	ppbv	#	1
47) 1,1,2-Trichloroethane	10.89	97	135	0.00	ppbv	#	15
50) 4-Methyl-2-Pentanone	10.10	43	112	0.00	ppbv	#	39

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025622.D
Acq On : 8 Jul 2015 00:38
Operator : SY/MD
Sample : G2872-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DIN46-MIDSTREAM-070115

Quant Time: Jul 08 06:56:59 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 2-Hexanone	11.68	43	276	0.00	ppbv #	29
52) Tetrachloroethene	12.82	164	358	0.00	ppbv #	33
53) Toluene	11.26	91	6535	0.02	ppbv	89
58) Ethyl Benzene	14.41	91	2175	0.01	ppbv #	44
59) m/p-Xylene	14.72	91	466	0.00	ppbv #	29
60) o-Xylene	15.49	91	2142	0.01	ppbv	96
62) Isopropylbenzene	16.55	105	3657	0.01	ppbv #	49
63) 1,1,2,2-Tetrachloroethane	15.37	83	136	0.00	ppbv #	25
65) tert-Butylbenzene	18.91	119	43202	0.09	ppbv #	27
66) Benzyl Chloride	18.94	91	117	0.00	ppbv #	65
67) sec-Butylbenzene	19.76	105	1978	0.00	ppbv #	57
70) n-Butylbenzene	20.77	91	125	0.00	ppbv #	32
71) 2-Chlorotoluene	17.53	91	598	0.00	ppbv #	44
72) 4-Ethyltoluene	17.83	105	505	0.00	ppbv #	55
73) 1,3,5-Trimethylbenzene	17.99	105	994	0.00	ppbv #	30
74) 1,2,4-Trimethylbenzene	18.83	105	2906	0.01	ppbv #	73
75) 1,3-Dichlorobenzene	18.93	146	371	0.00	ppbv #	24
76) 1,4-Dichlorobenzene	18.93	146	371	0.00	ppbv #	24
79) Naphthalene	23.95	128	1689	0.00	ppbv #	68

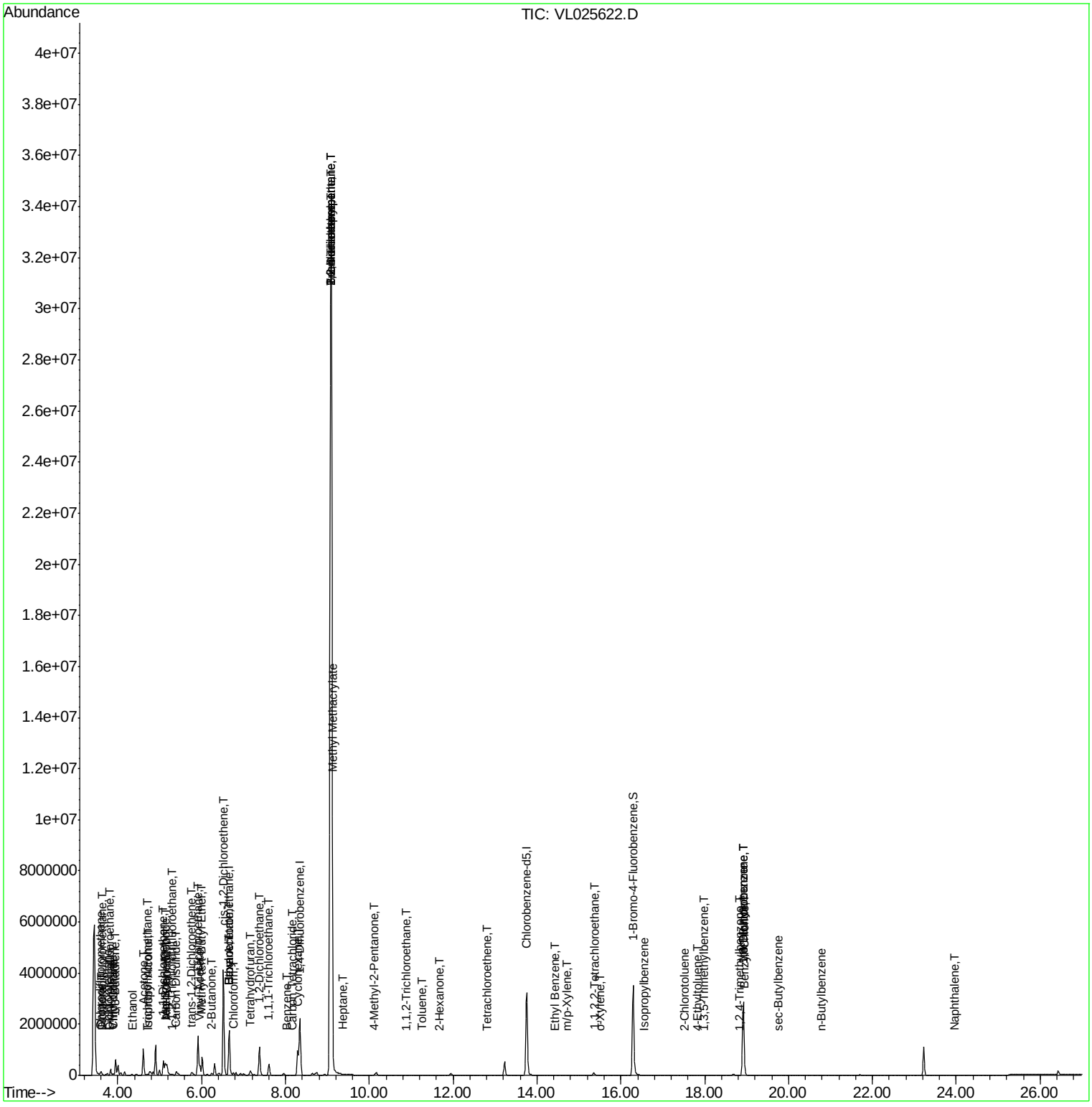
(#) = qualifier out of range (m) = manual integration (+) = signals summed

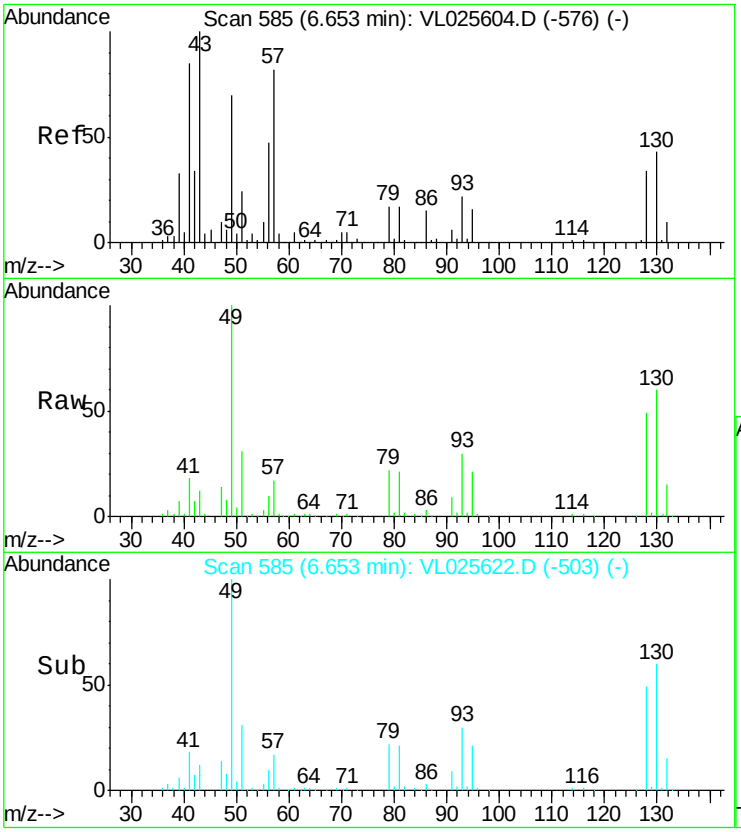
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025622.D
Acq On : 8 Jul 2015 00:38
Operator : SY/MD
Sample : G2872-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Quant Time: Jul 08 06:56:59 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration



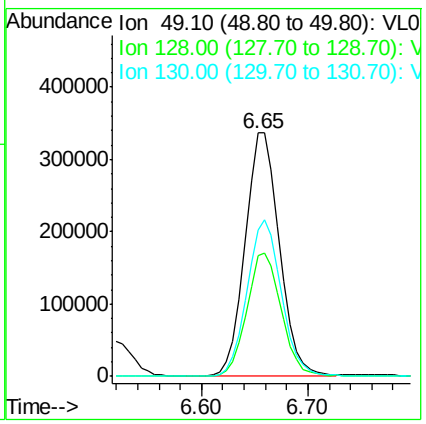


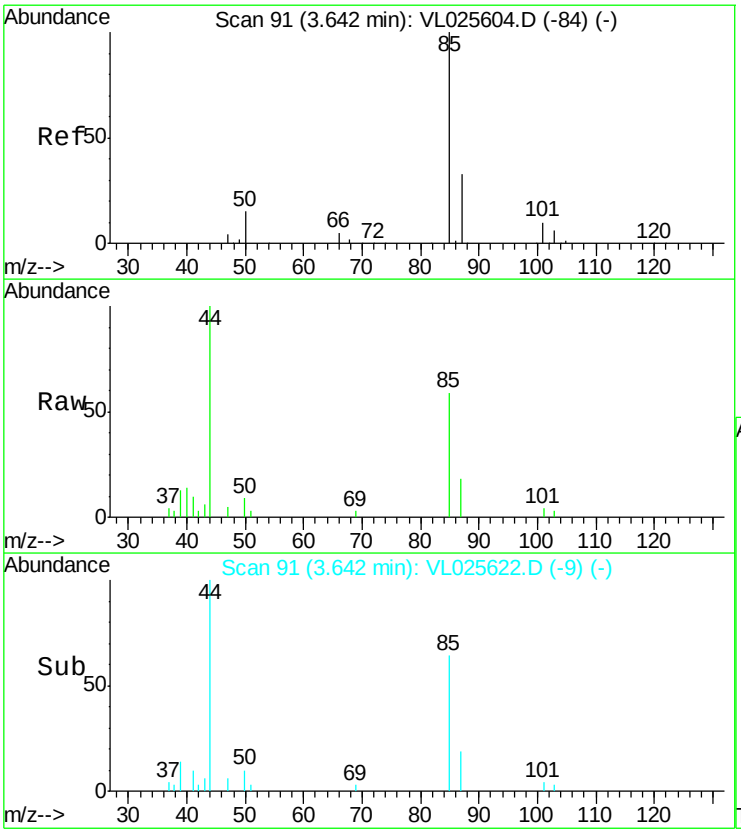
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.65 min Scan# 585
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 49 Resp: 764888

Ion	Ratio	Lower	Upper
49	100		
128	51.1	25.4	76.0
130	64.7	31.9	95.9

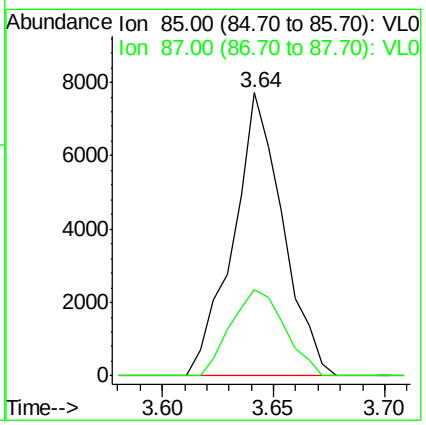


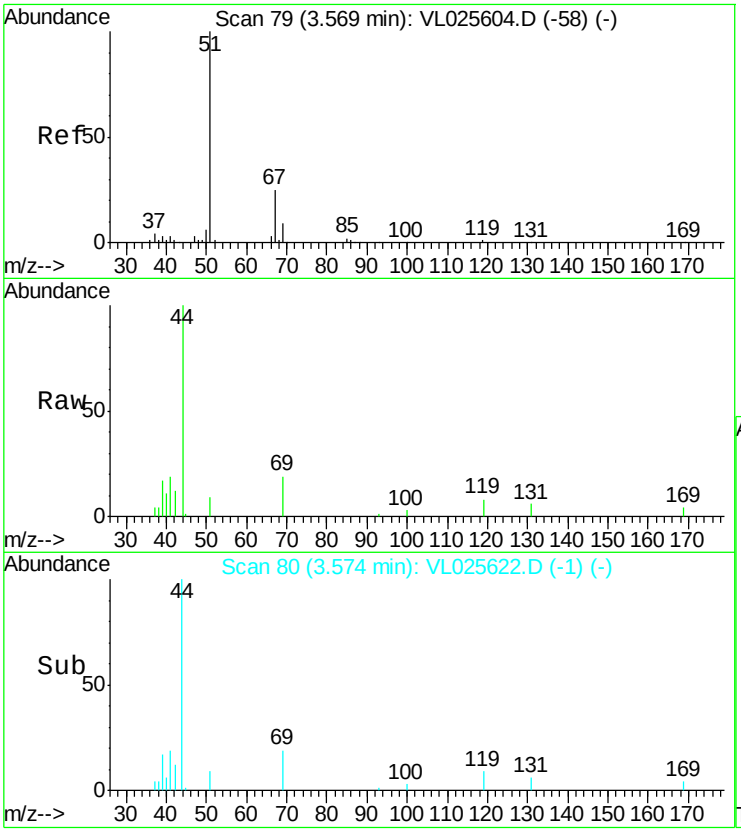


#2
Dichlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.64 min Scan# 91
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 85 Resp: 11999

Ion	Ratio	Lower	Upper
85	100		
87	30.3	26.5	39.7



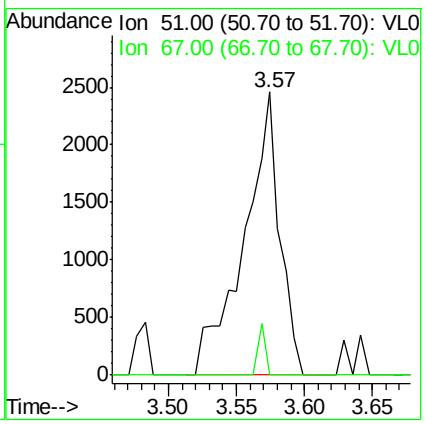


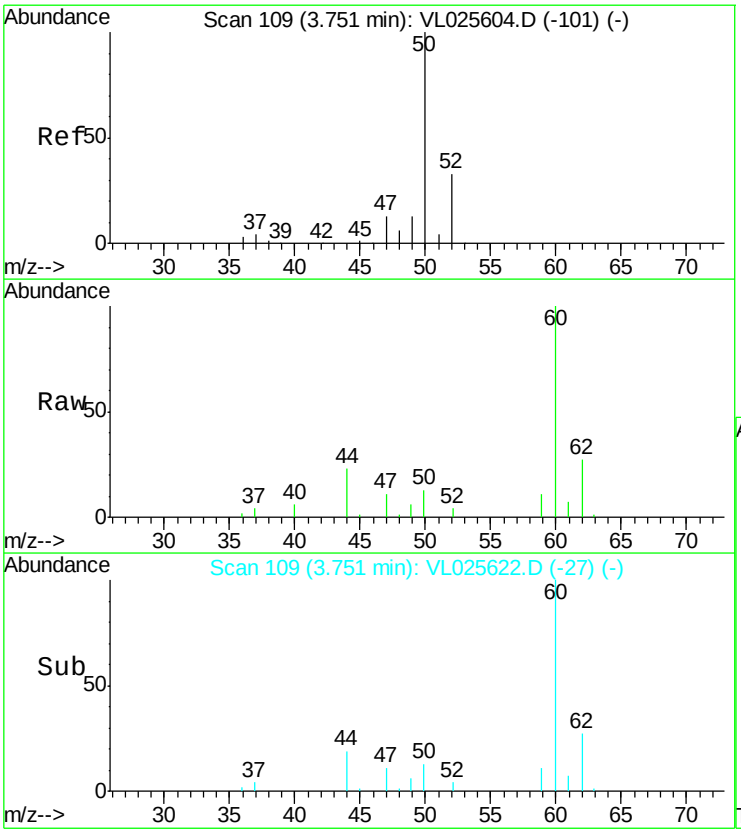
#3
Chlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.57 min Scan# 80
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 51 Resp: 4527

Ion	Ratio	Lower	Upper
51	100		
67	3.6	19.5	29.3#

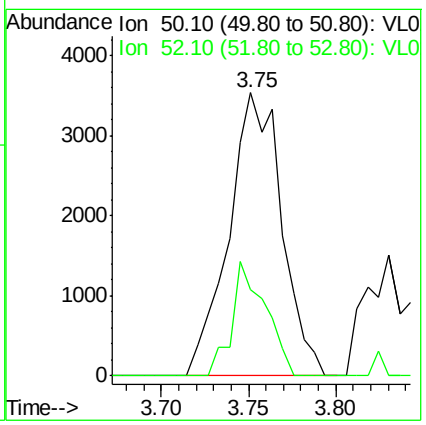


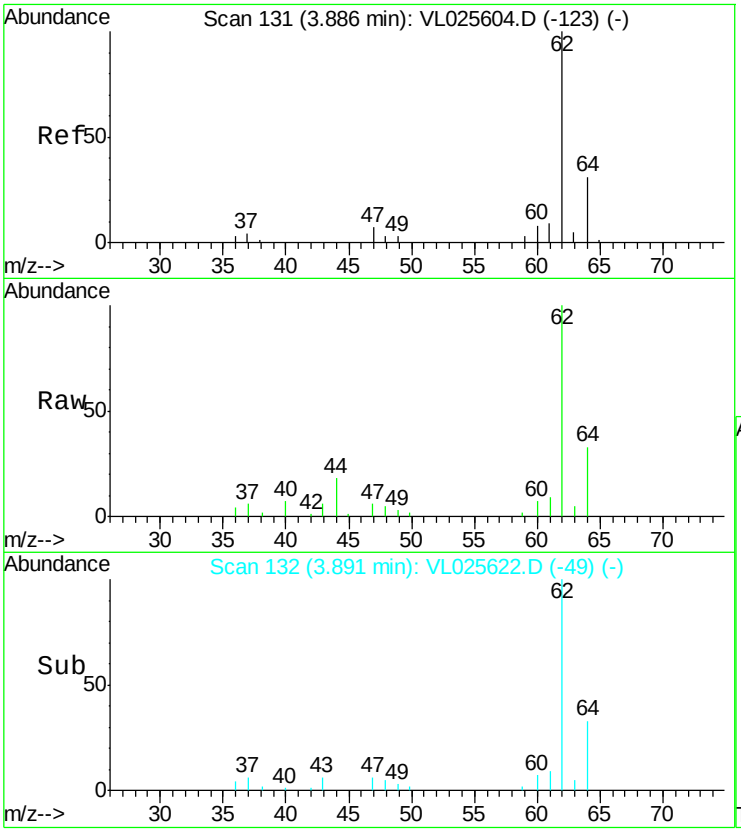


#4
Chloromethane
Concen: 0.15 ppbv
RT: 3.75 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 50 Resp: 7458

Ion	Ratio	Lower	Upper
50	100		
52	30.6	26.2	39.2



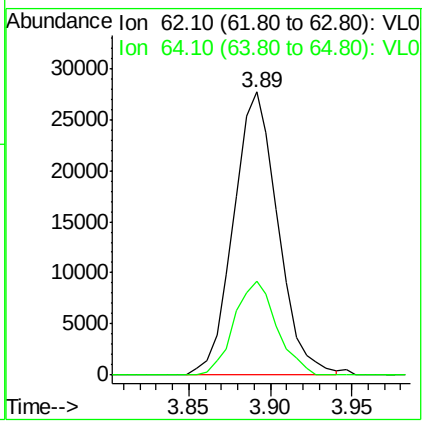


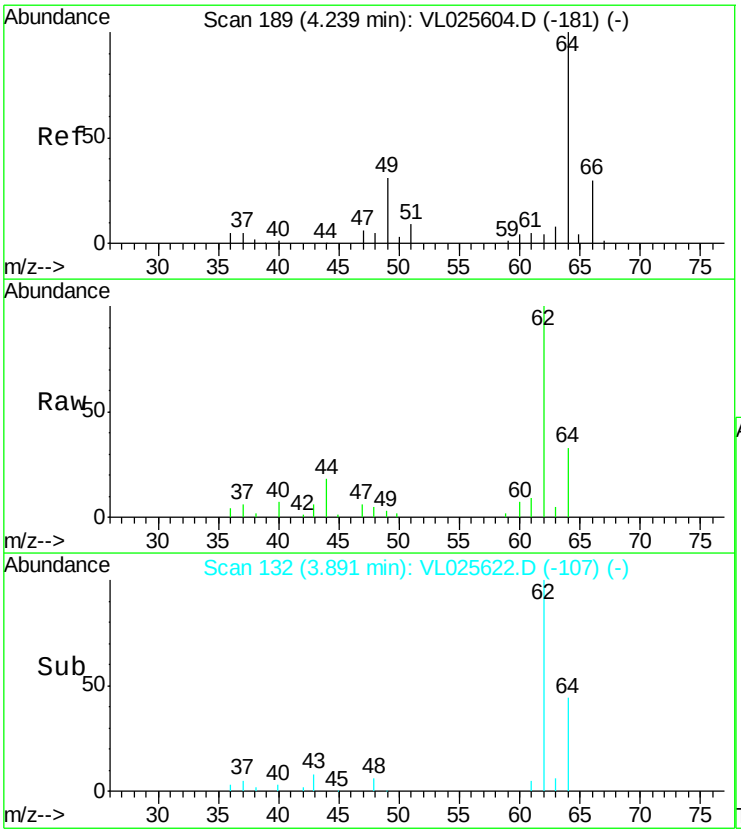
#5
Vinyl Chloride
Concen: 0.99 ppbv
RT: 3.89 min Scan# 132
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 62 Resp: 52328

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.0	37.6

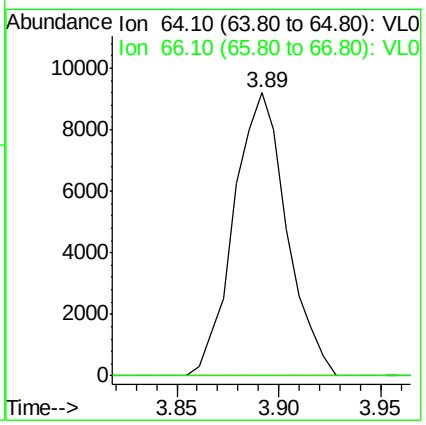


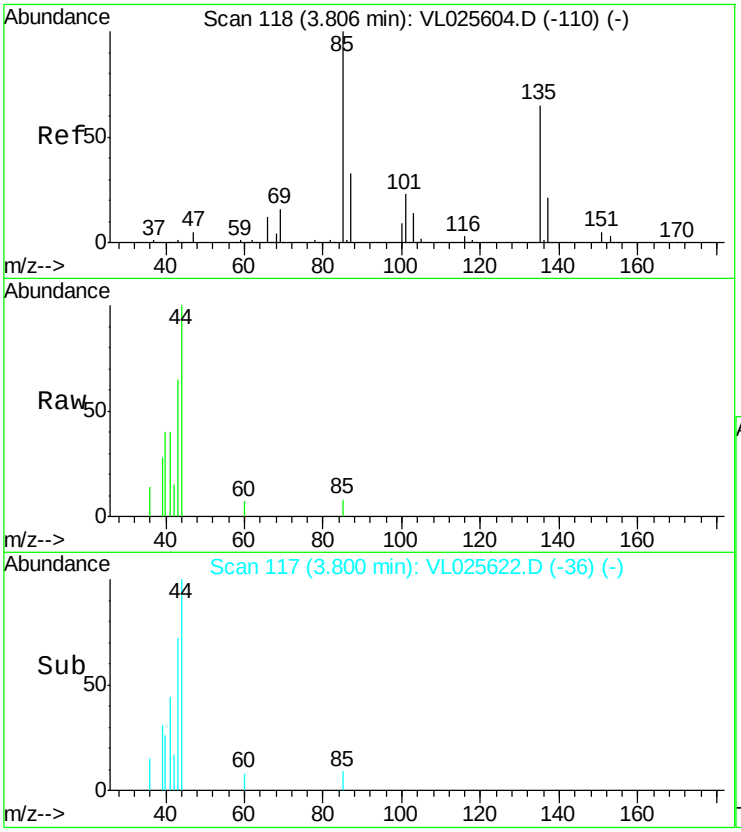


#7
Chloroethane
Concen: 0.67 ppbv
RT: 3.89 min Scan# 132
Delta R.T. -0.35 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 64 Resp: 16609

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.8#



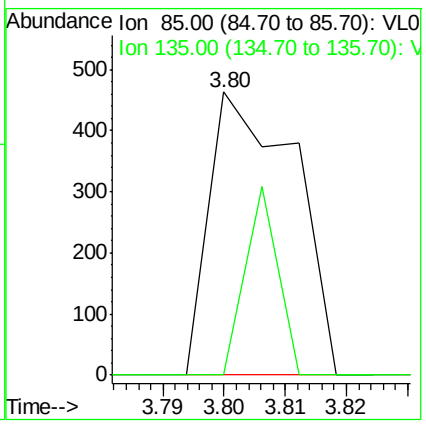


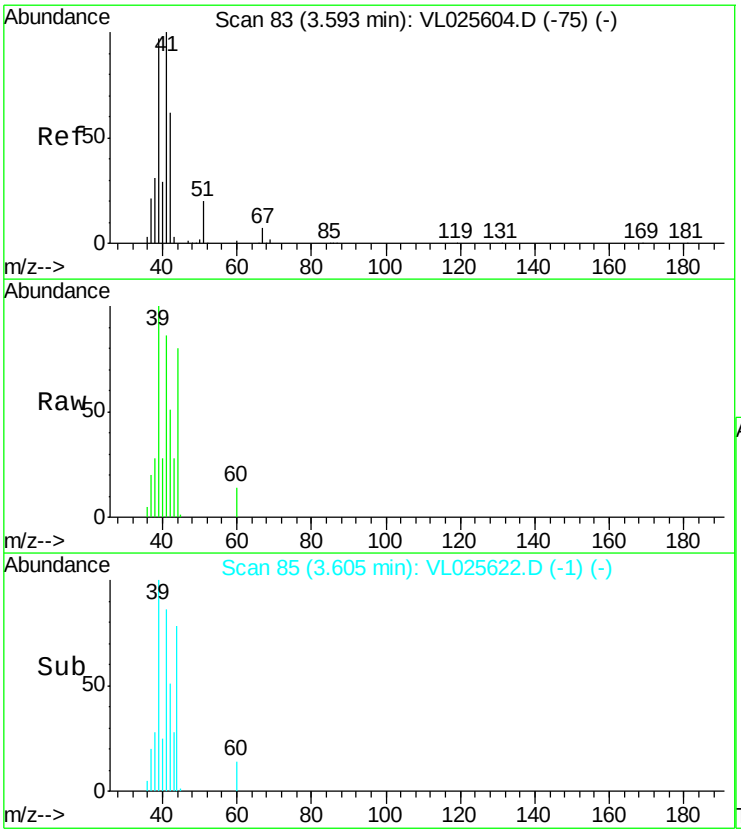
#8
Dichlorotetrafluoroethane
Concen: 0.00 ppbv
RT: 3.80 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 85 Resp: 444

Ion	Ratio	Lower	Upper
85	100		
135	0.0	52.2	78.4#

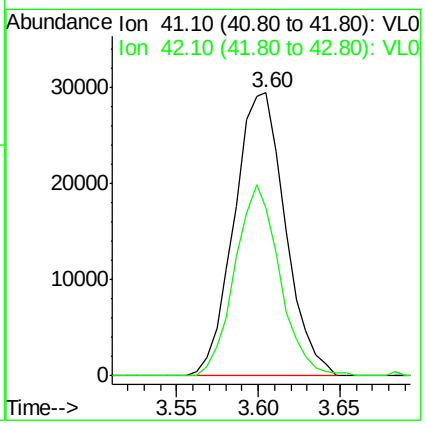


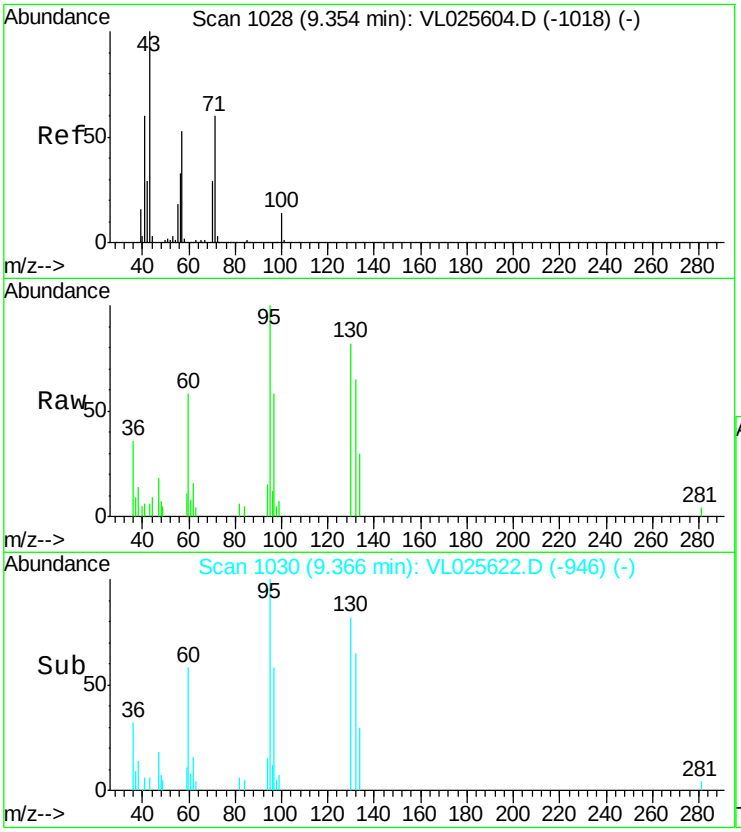


#9
Propene
Concen: 1.80 ppbv
RT: 3.60 min Scan# 85
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 41 Resp: 64351

Ion	Ratio	Lower	Upper
41	100		
42	59.4	52.4	78.6



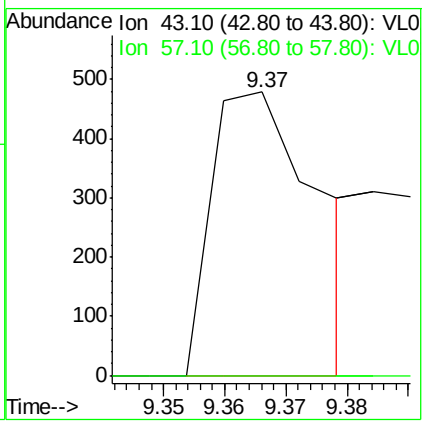


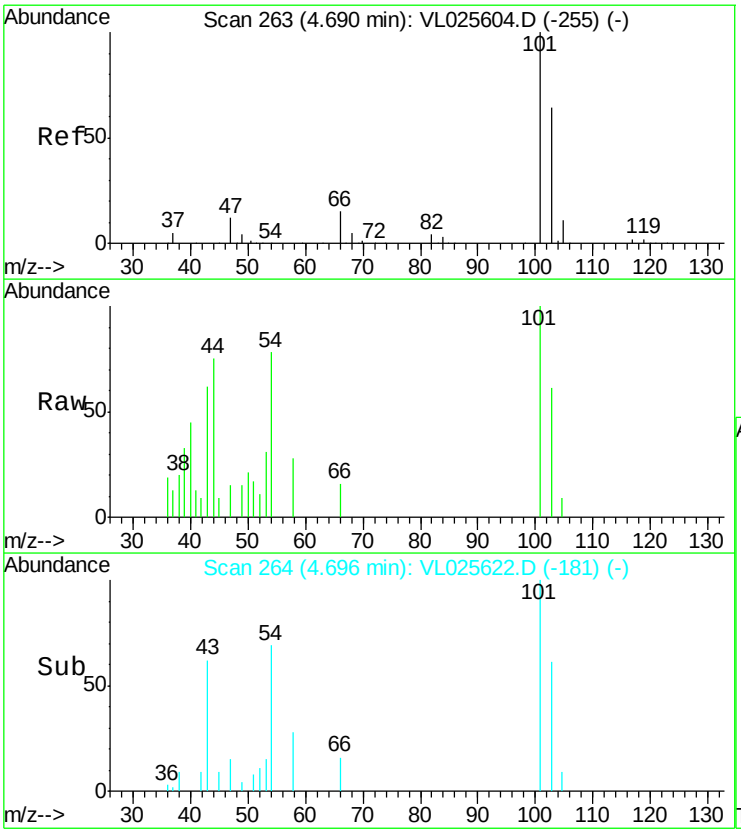
#10
Heptane
Concen: 0.00 ppbv
RT: 9.37 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 43 Resp: 574

Ion	Ratio	Lower	Upper
43	100		
57	0.0	42.6	64.0#

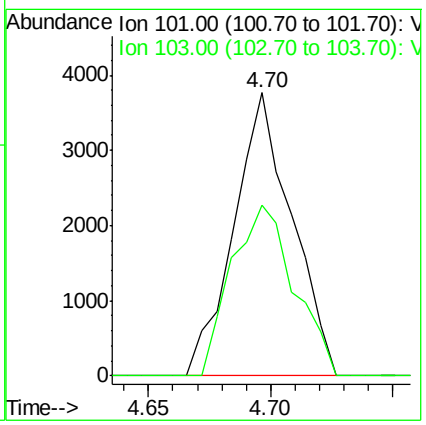


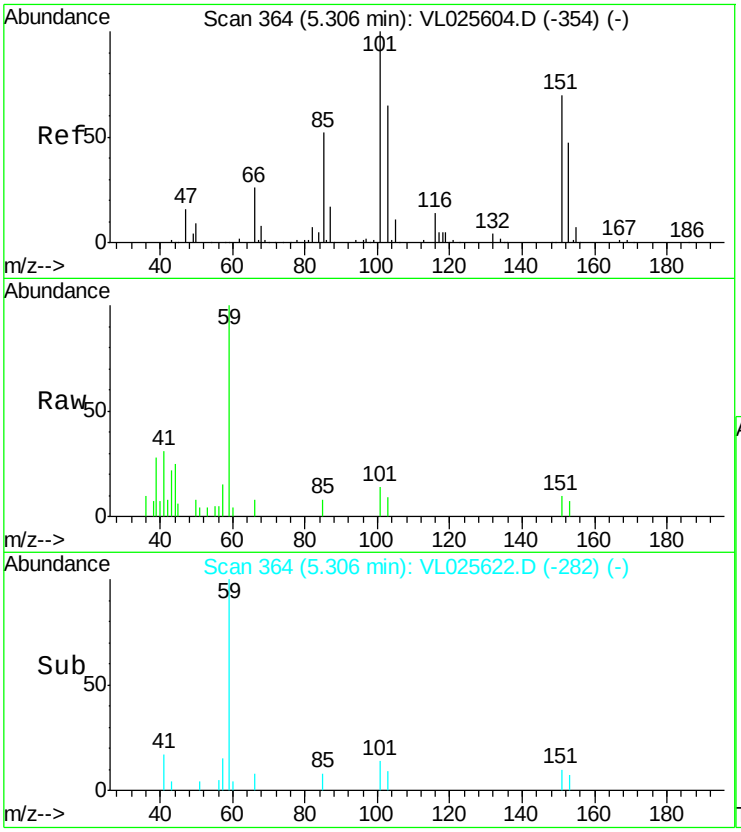


#11
Trichlorofluoromethane
Concen: 0.02 ppbv
RT: 4.70 min Scan# 264
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion:101 Resp: 6233

Ion	Ratio	Lower	Upper
101	100		
103	60.5	51.4	77.2



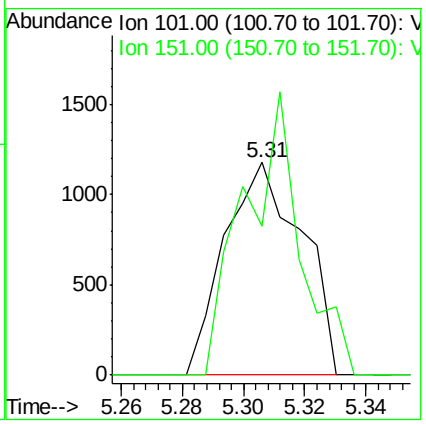


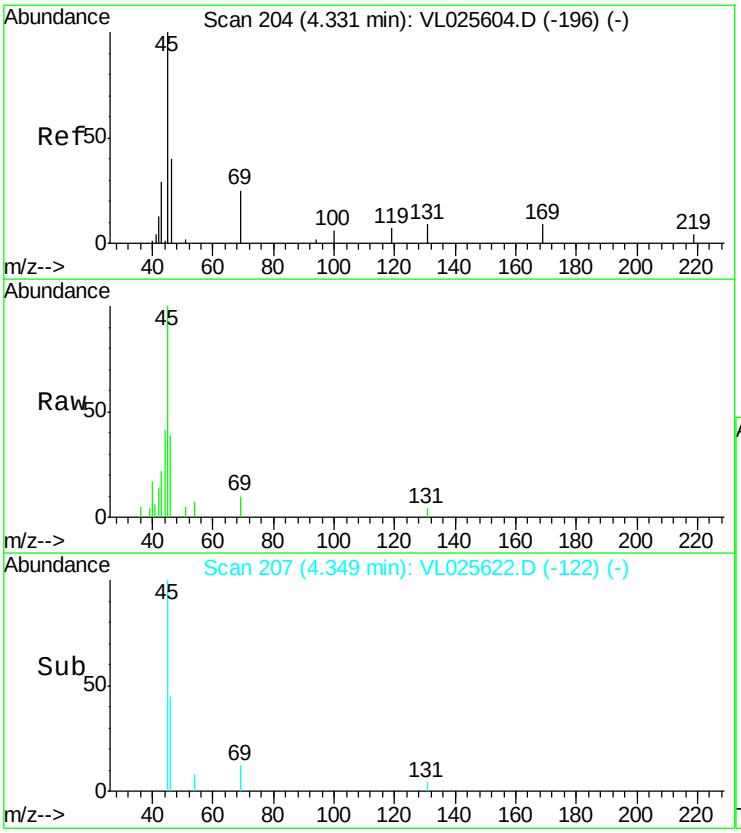
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.01 ppbv
RT: 5.31 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:101 Resp: 2060

Ion	Ratio	Lower	Upper
101	100		
151	97.3	56.3	84.5#

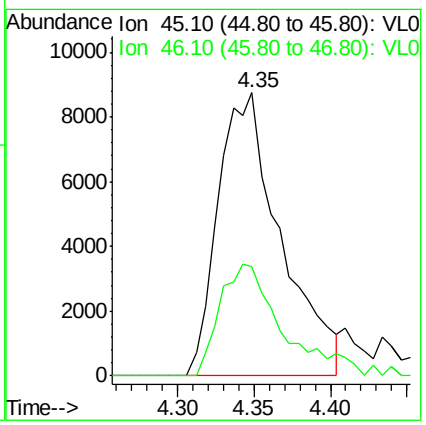


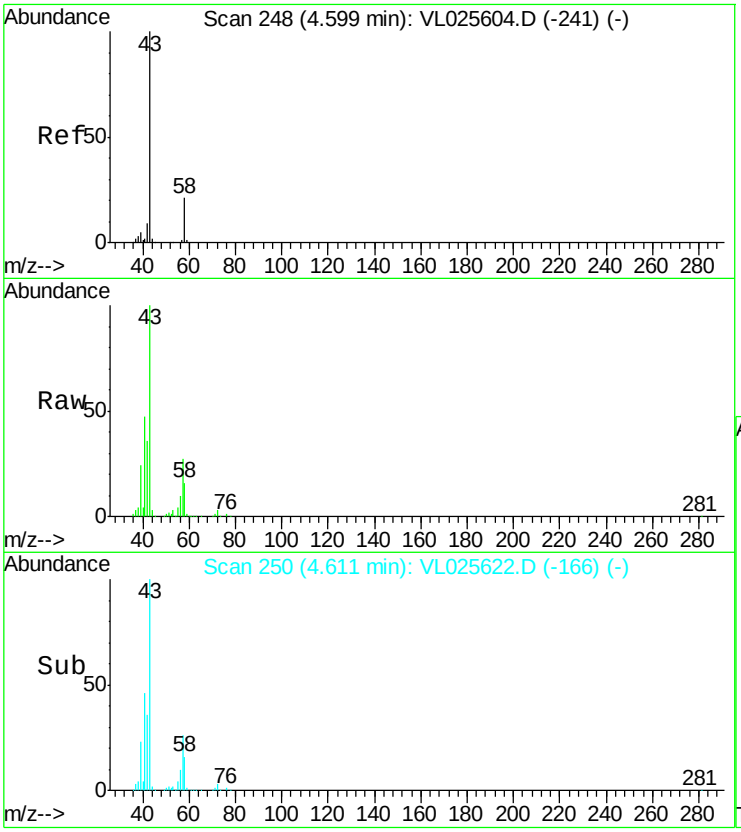


#13
Ethanol
Concen: 4.46 ppbv
RT: 4.35 min Scan# 207
Delta R.T. 0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 45 Resp: 24845

Ion	Ratio	Lower	Upper
45	100		
46	40.0	16.0	64.0



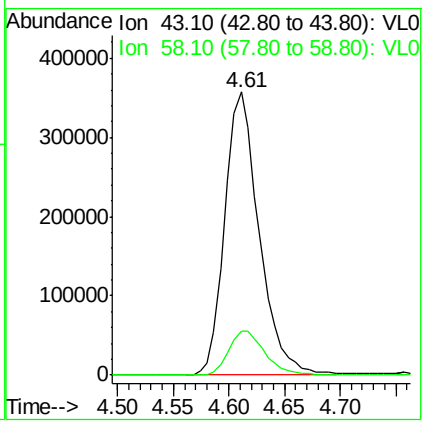


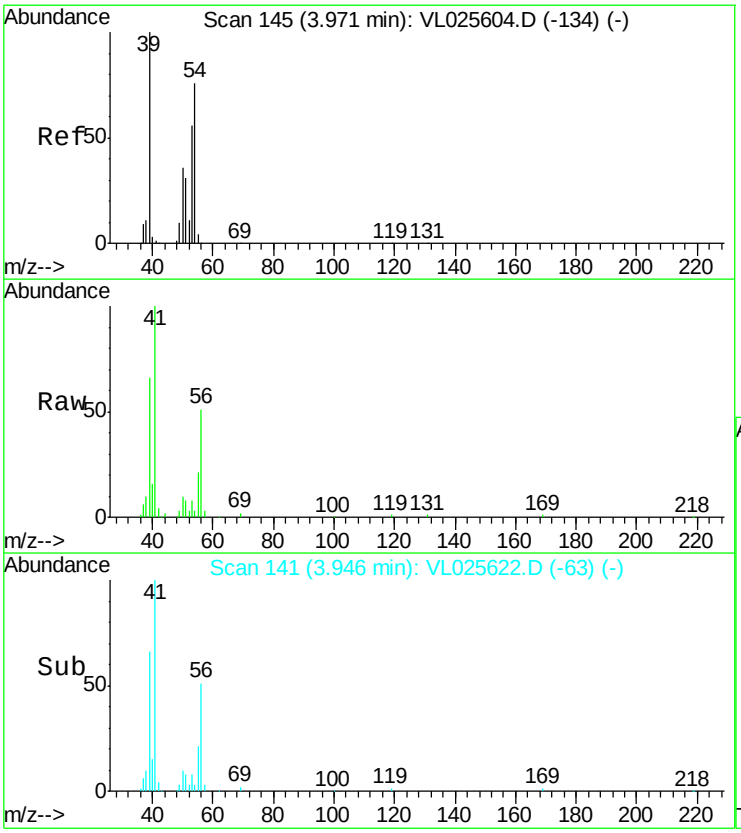
#15
Acetone
Concen: 5.67 ppbv
RT: 4.61 min Scan# 250
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 43 Resp: 766546

Ion	Ratio	Lower	Upper
43	100		
58	16.8	17.2	25.8#

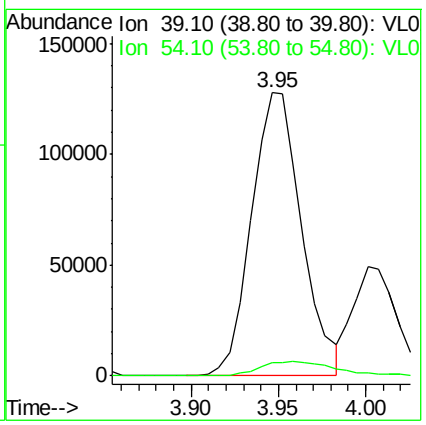


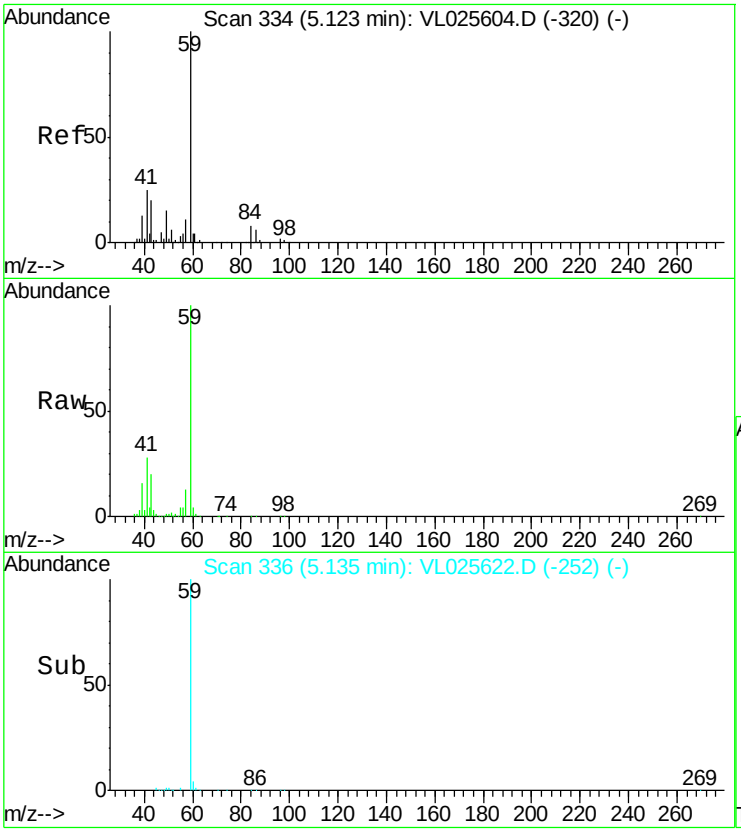


#16
1,3-Butadiene
Concen: 4.76 ppbv
RT: 3.95 min Scan# 141
Delta R.T. -0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 39 Resp: 256148

Ion	Ratio	Lower	Upper
39	100		
54	7.7	59.3	88.9#



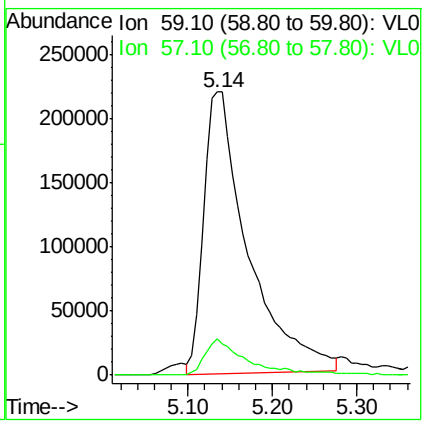


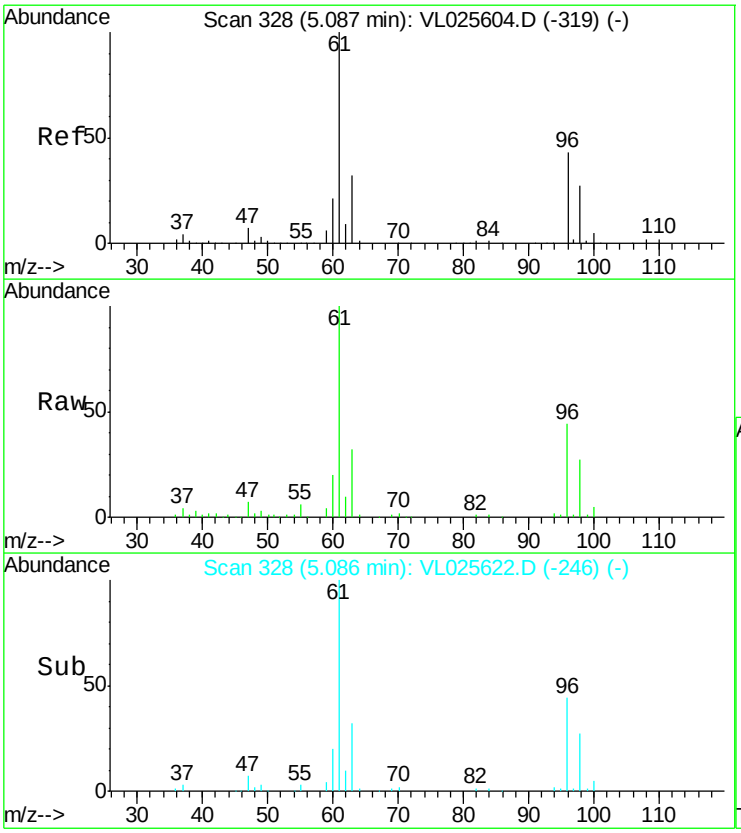
#17
tert-Butyl alcohol
Concen: 7.04 ppbv
RT: 5.14 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 59 Resp: 798430

Ion	Ratio	Lower	Upper
59	100		
57	12.8	9.4	14.2

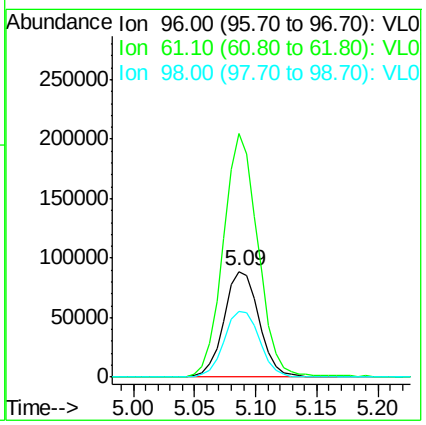


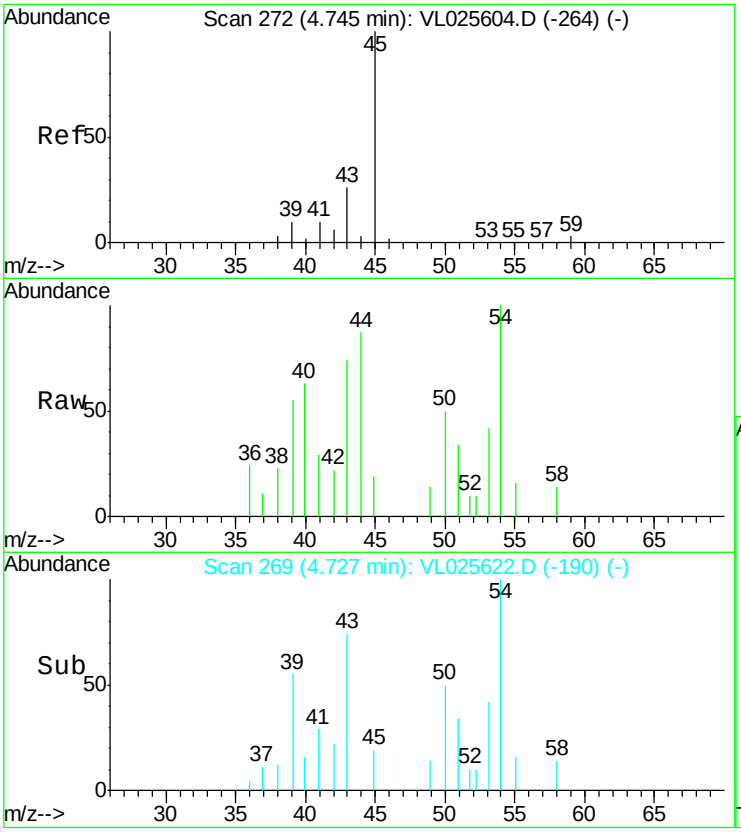


#18
1,1-Dichloroethene
Concen: 3.12 ppbv
RT: 5.09 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 96 Resp: 176303

Ion	Ratio	Lower	Upper
96	100		
61	229.1	184.1	276.1
98	62.1	50.0	75.0



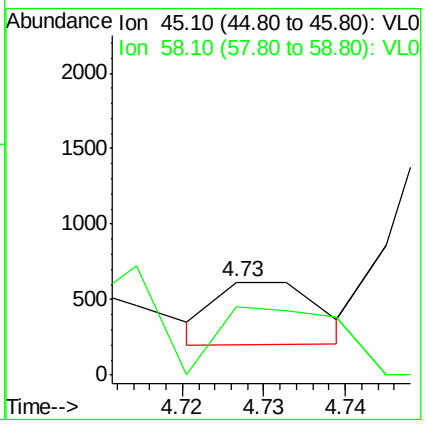


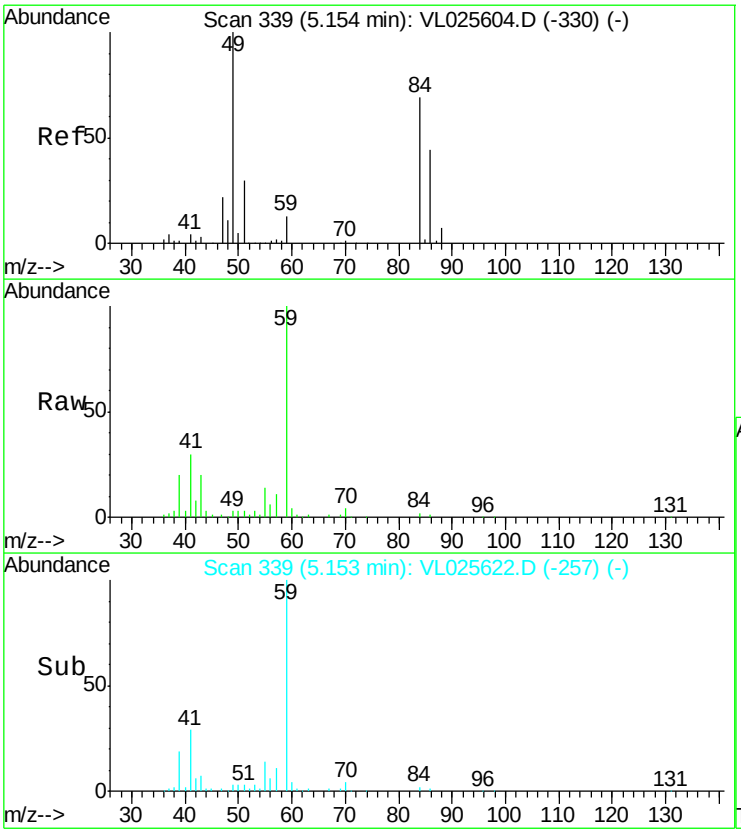
#19
Isopropyl Alcohol
Concen: 0.01 ppbv
RT: 4.73 min Scan# 269
Delta R.T. -0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 45 Resp: 367

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.1	1.7#

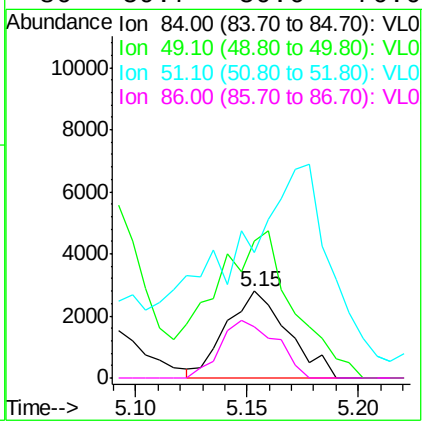


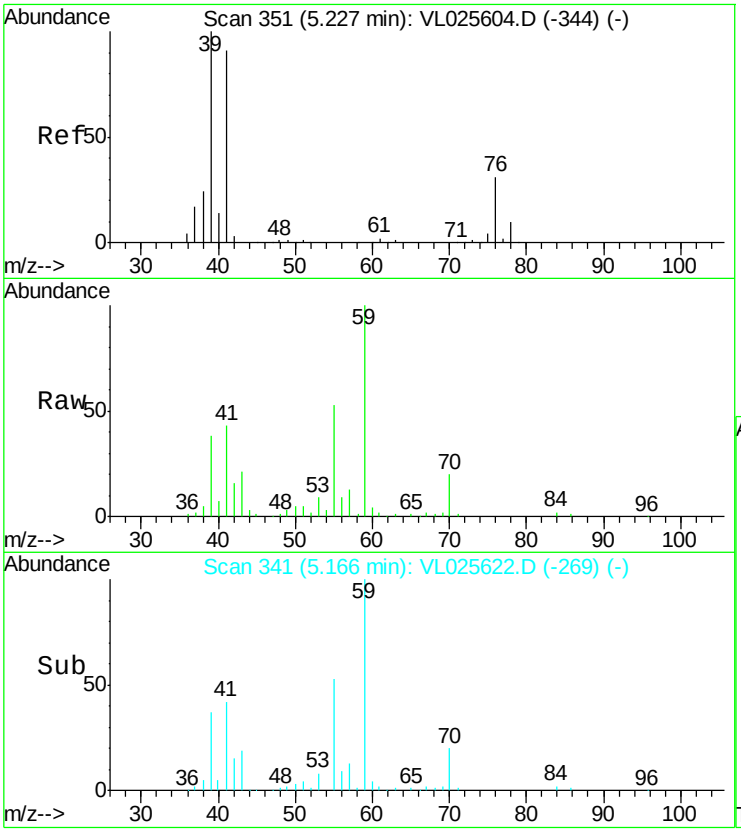


#20
Methylene Chloride
Concen: 0.10 ppbv
RT: 5.15 min Scan# 339
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 84 Resp: 5365

Ion	Ratio	Lower	Upper
84	100		
49	135.6	115.2	172.8
51	30.7	35.0	52.6#
86	59.7	50.6	76.0



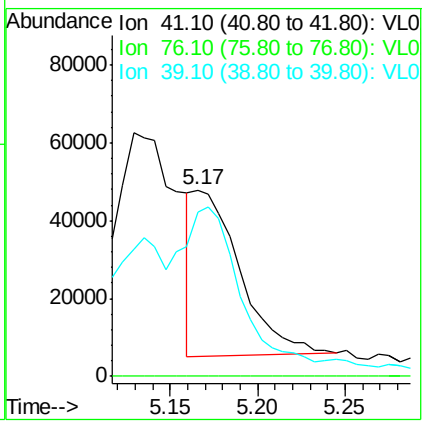


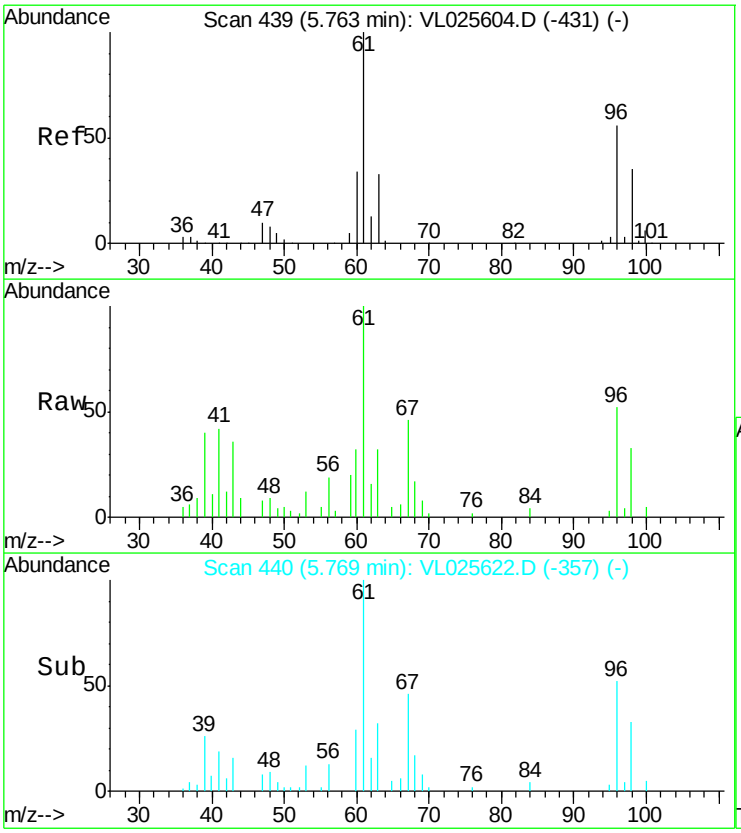
#21
Allyl Chloride
Concen: 0.92 ppbv
RT: 5.17 min Scan# 341
Delta R.T. -0.06 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 41 Resp: 77856

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.6	40.0#
39	275.9	88.2	132.4#

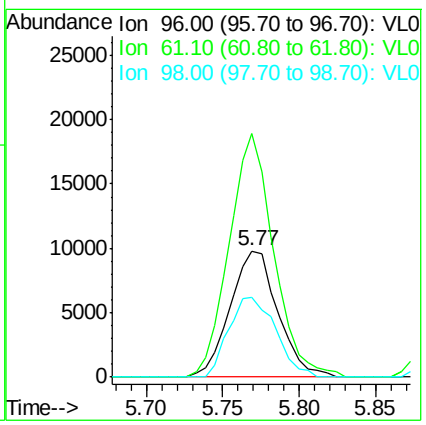


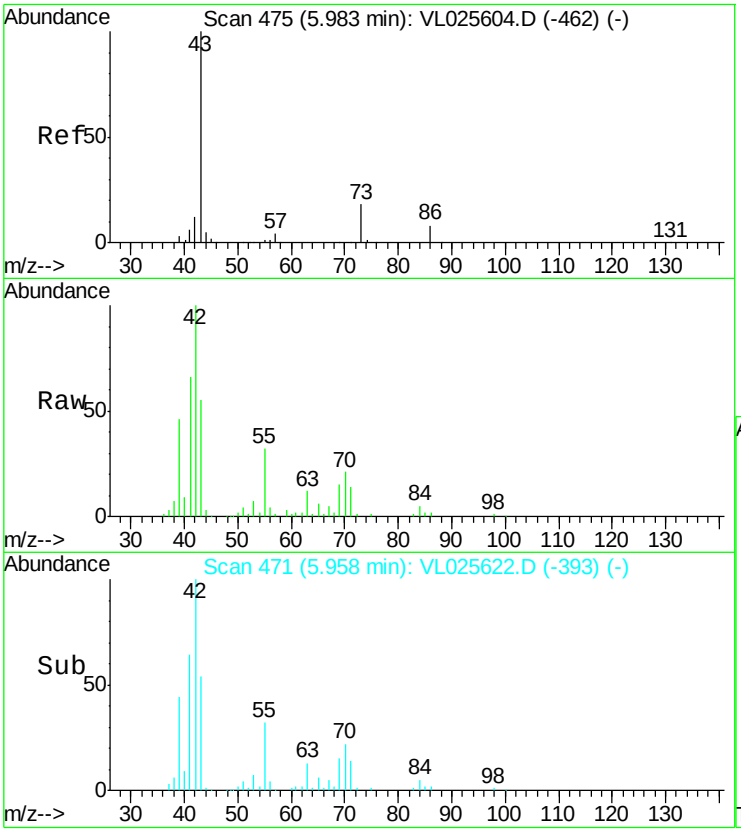


#22
trans-1,2-Dichloroethene
Concen: 0.37 ppbv
RT: 5.77 min Scan# 440
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 96 Resp: 21261

Ion	Ratio	Lower	Upper
96	100		
61	193.4	141.8	212.6
98	63.9	49.0	73.6



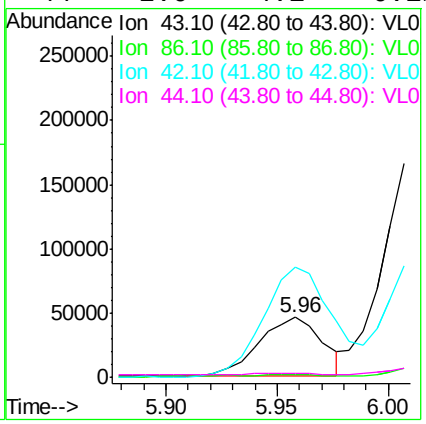


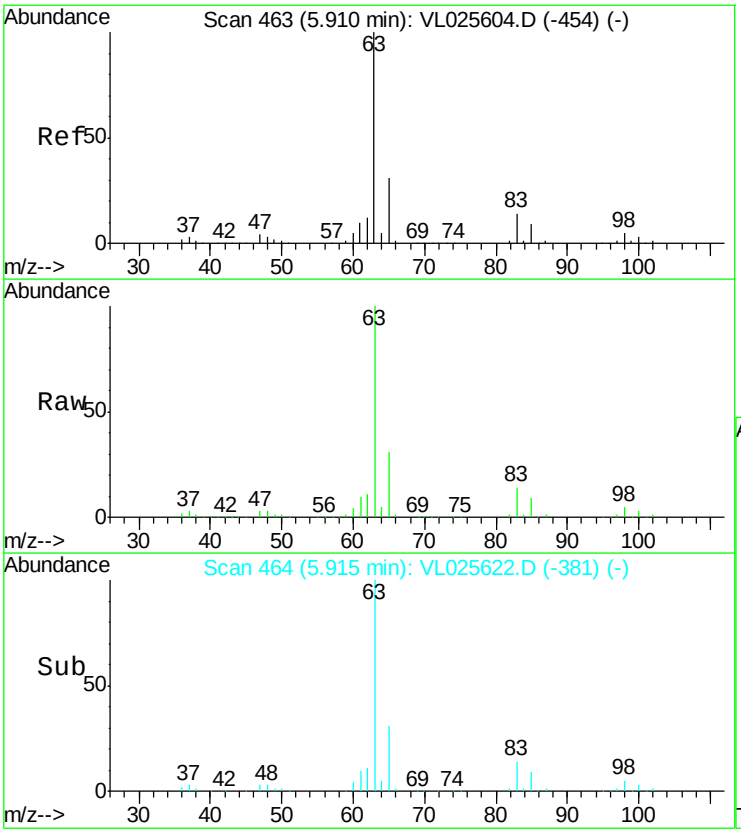
#23
Vinyl Acetate
Concen: 0.44 ppbv
RT: 5.96 min Scan# 471
Delta R.T. -0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 43 Resp: 90497

Ion	Ratio	Lower	Upper
43	100		
86	1.9	6.7	10.1#
42	185.3	9.8	14.6#
44	2.0	4.1	6.1#

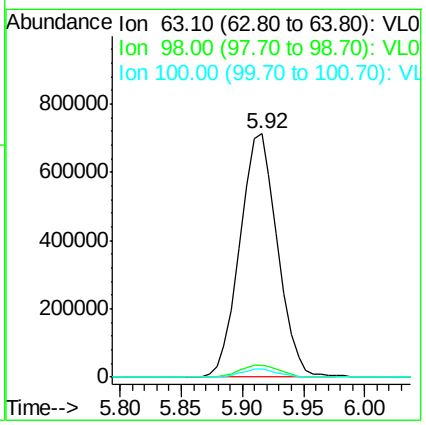


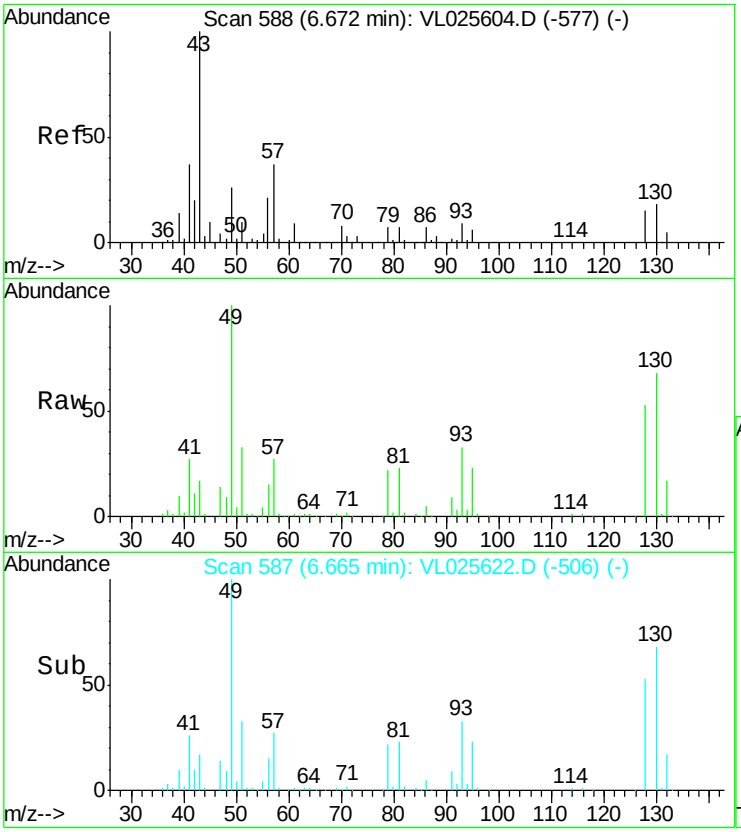


#24
1,1-Dichloroethane
Concen: 11.08 ppbv
RT: 5.92 min Scan# 464
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 63 Resp: 1521263

Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.6	8.0
100	3.2	1.6	4.7



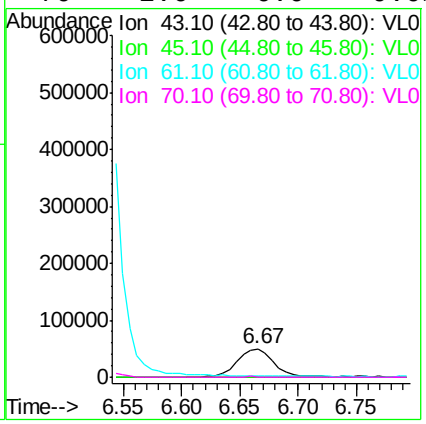


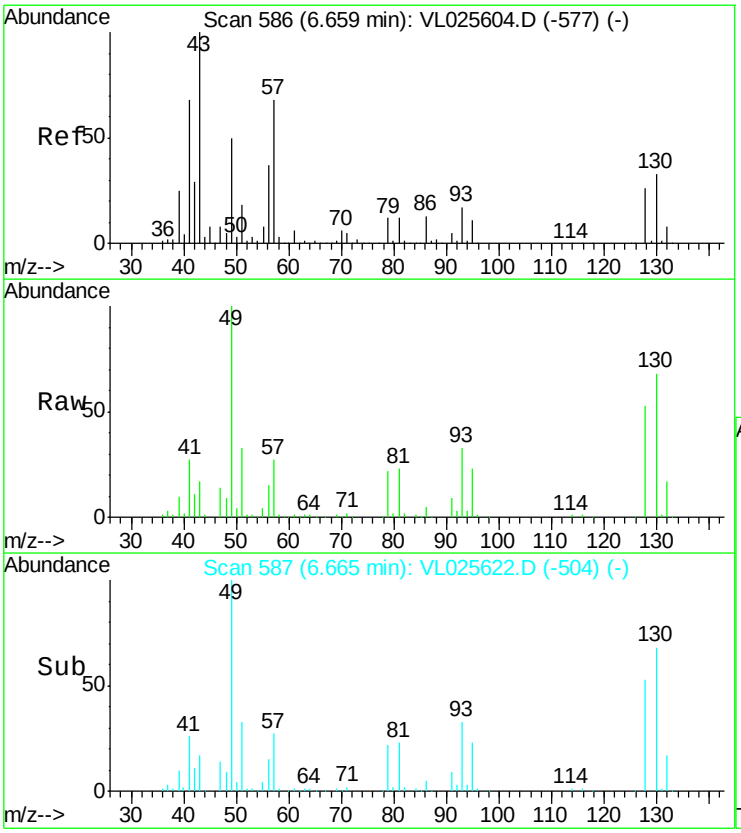
#25
Ethyl Acetate
Concen: 0.53 ppbv
RT: 6.67 min Scan# 587
Delta R.T. -0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 43 Resp: 108599

Ion	Ratio	Lower	Upper
43	100		
45	0.3	7.5	11.3#
61	0.0	6.6	10.0#
70	2.6	6.0	9.0#

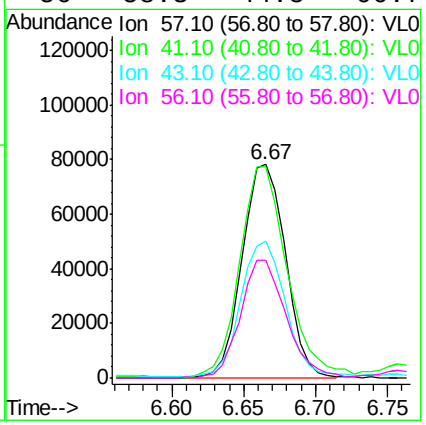


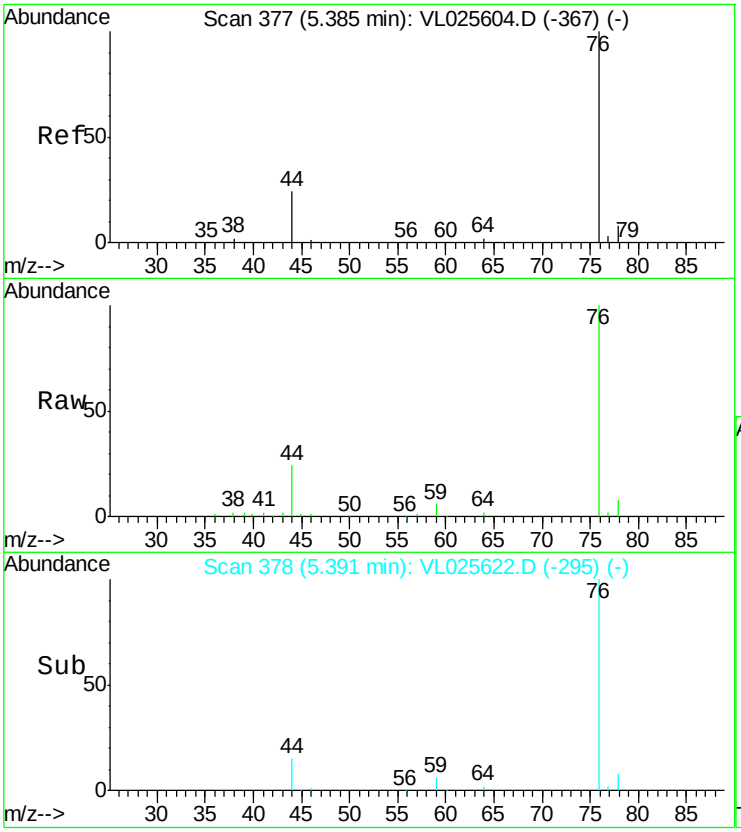


#26
Hexane
Concen: 1.70 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 57 Resp: 163440

Ion	Ratio	Lower	Upper
57	100		
41	106.2	81.4	122.2
43	65.3	171.4	257.2#
56	58.3	44.5	66.7



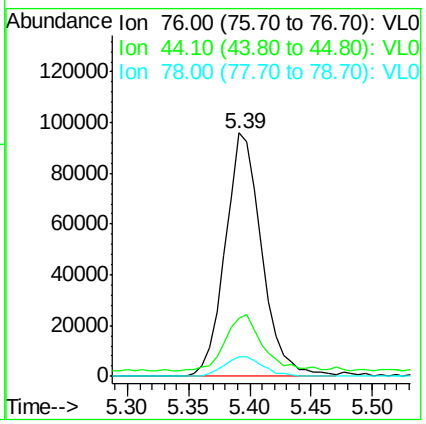


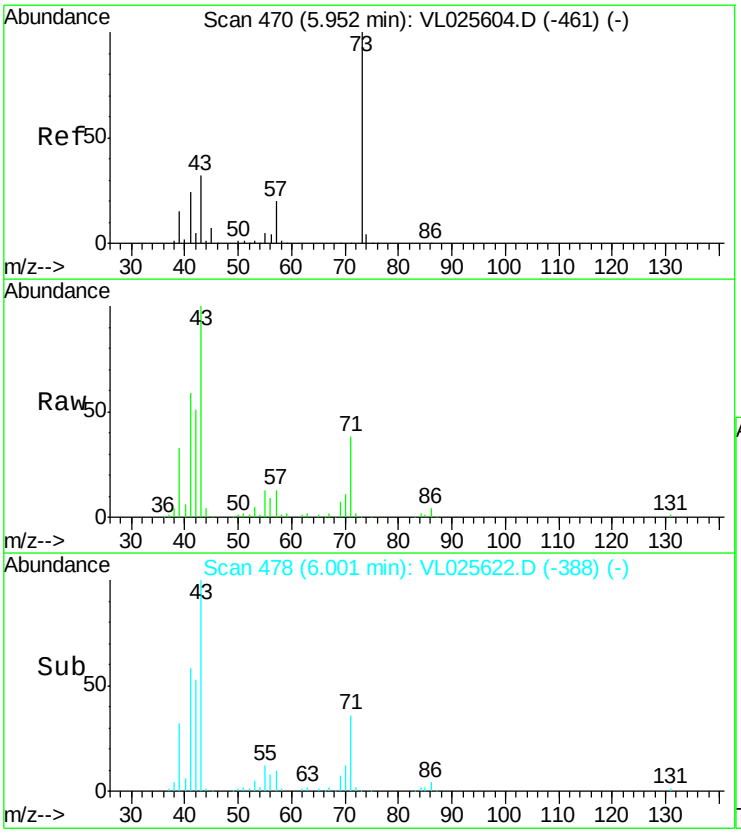
#27
Carbon Disulfide
Concen: 1.27 ppbv
RT: 5.39 min Scan# 378
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 76 Resp: 197947

Ion	Ratio	Lower	Upper
76	100		
44	27.0	20.2	30.4
78	8.6	7.4	11.2

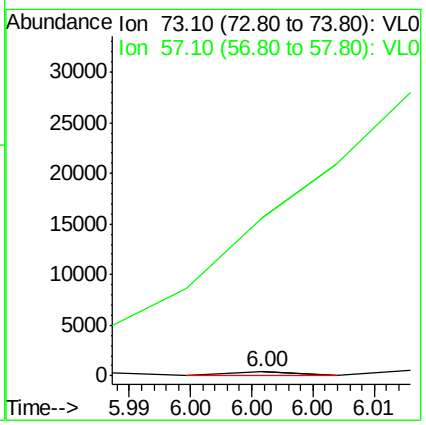


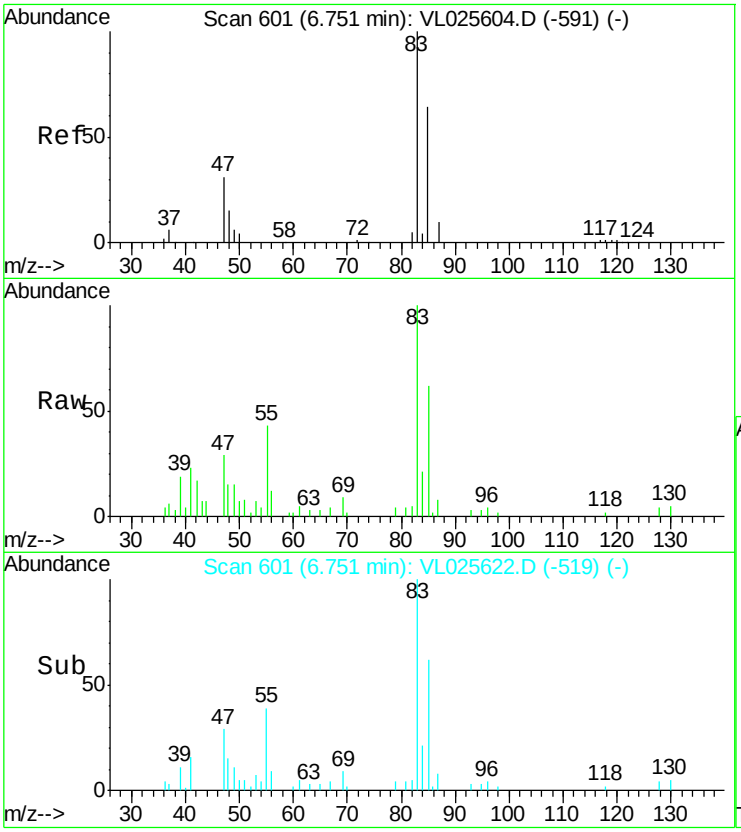


#28
Methyl tert-Butyl Ether
Concen: 0.00 ppbv
RT: 6.00 min Scan# 478
Delta R.T. 0.05 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 73 Resp: 138

Ion	Ratio	Lower	Upper
73	100		
57	0.0	16.0	24.0#



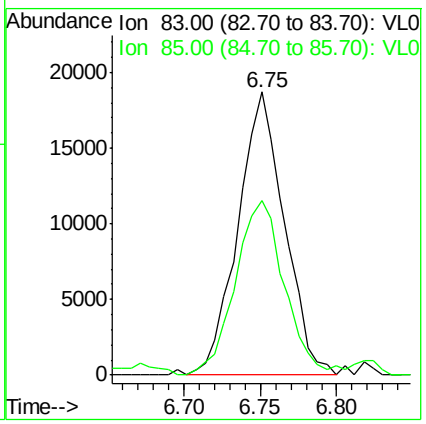


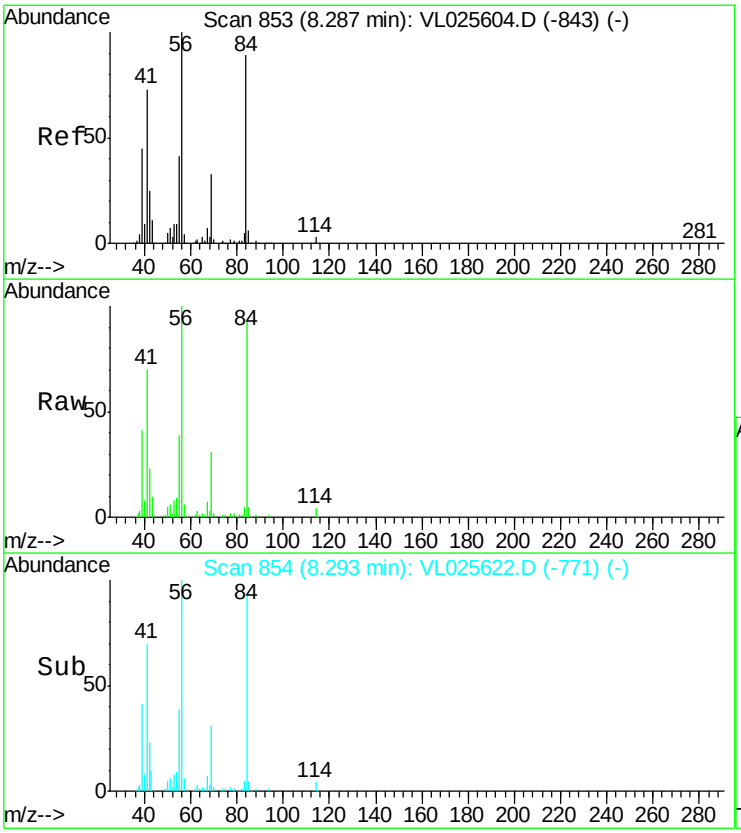
#29
Chloroform
Concen: 0.21 ppbv
RT: 6.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 83 Resp: 39425

Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.6	77.4

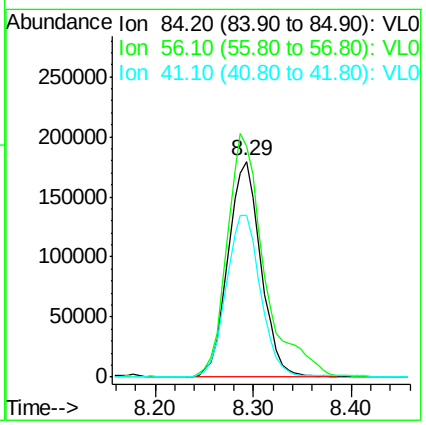


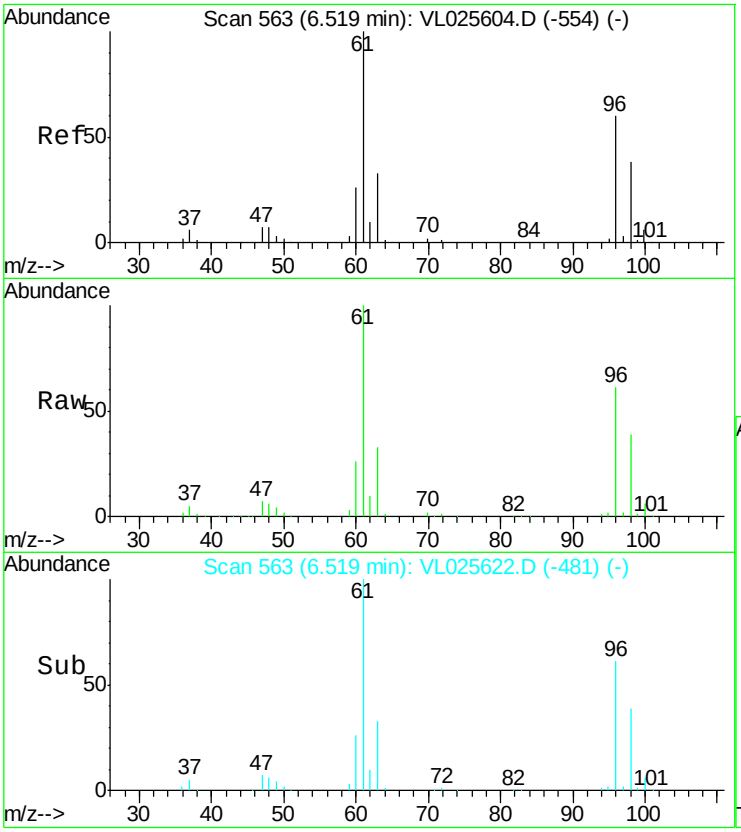


#30
Cyclohexane
Concen: 4.56 ppbv
RT: 8.29 min Scan# 854
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 84 Resp: 419376

Ion	Ratio	Lower	Upper
84	100		
56	128.4	97.5	146.3
41	79.4	65.4	98.2



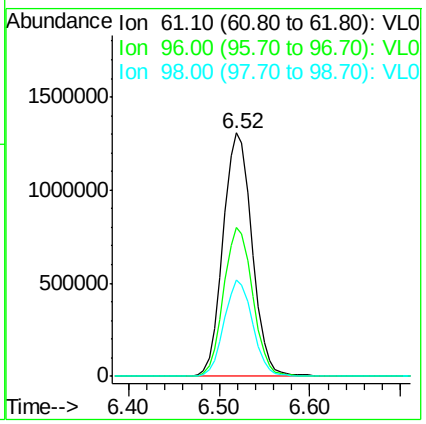


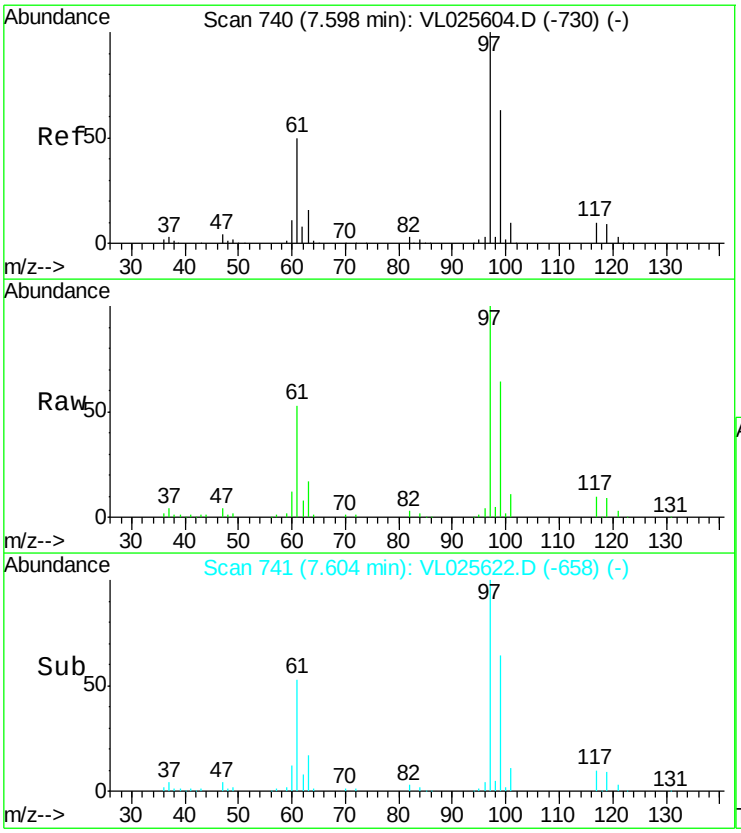
#31
cis-1,2-Dichloroethene
Concen: 30.42 ppbv
RT: 6.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 61 Resp: 2910364

Ion	Ratio	Lower	Upper
61	100		
96	61.0	48.1	72.1
98	39.4	30.7	46.1

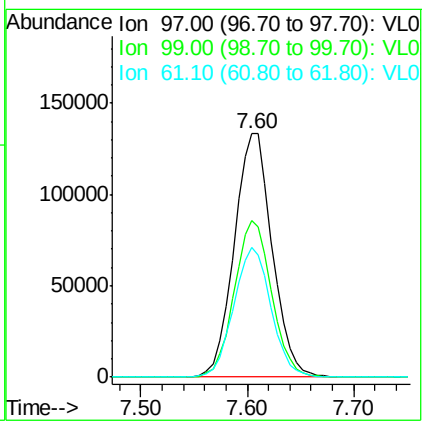


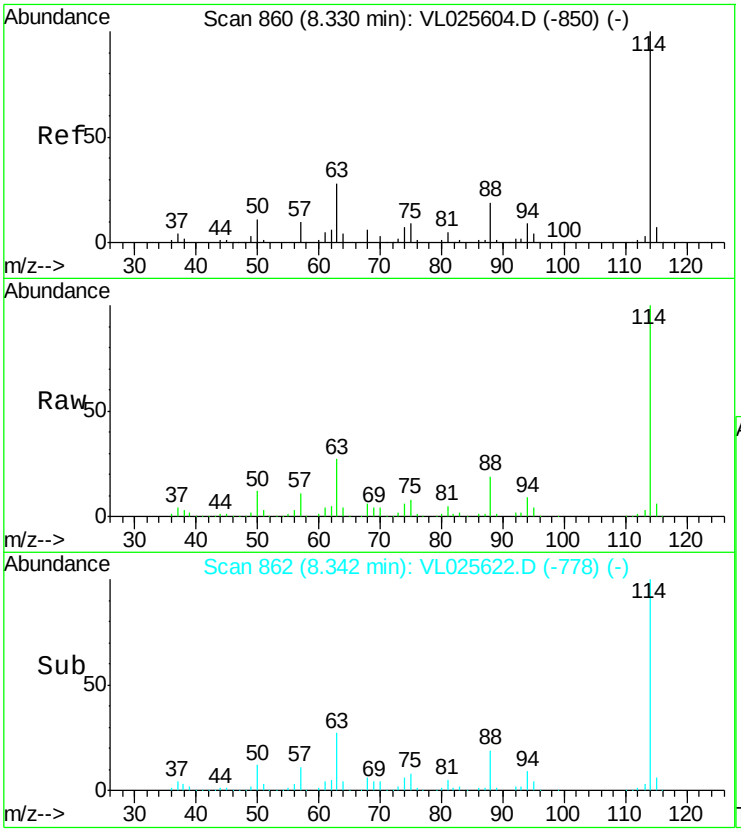


#32
1,1,1-Trichloroethane
Concen: 1.61 ppbv
RT: 7.60 min Scan# 741
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 97 Resp: 333321

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	52.7	40.4	60.6



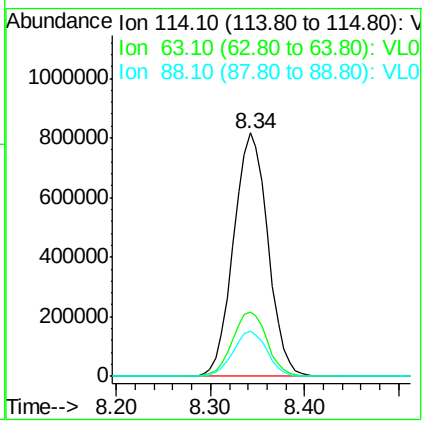


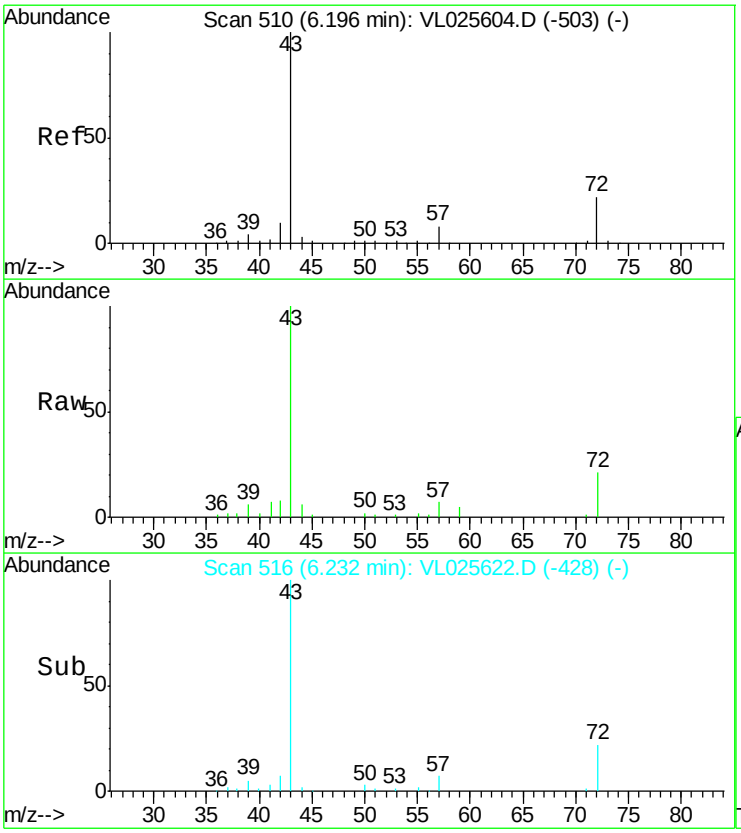
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 862
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:114 Resp: 2077907

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.4	33.6
88	18.4	15.0	22.4

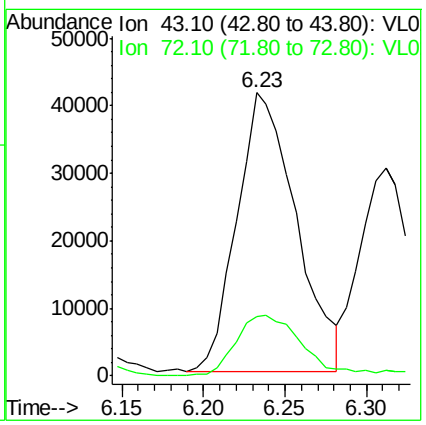


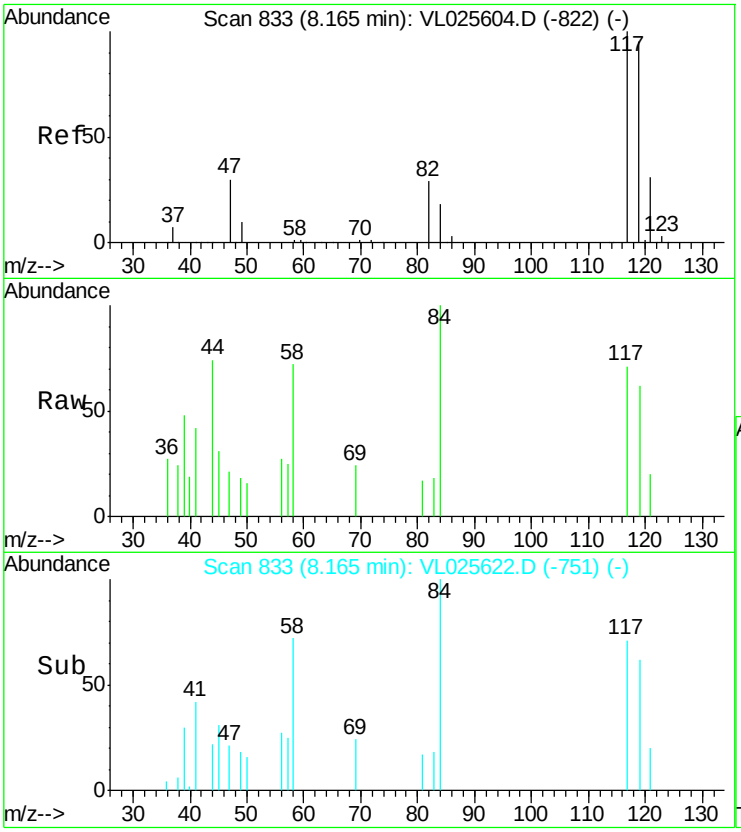


#34
2-Butanone
Concen: 0.89 ppbv
RT: 6.23 min Scan# 516
Delta R.T. 0.04 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 43 Resp: 104395

Ion	Ratio	Lower	Upper
43	100		
72	25.3	18.6	28.0



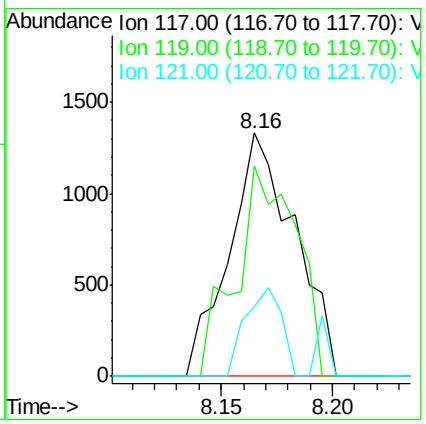


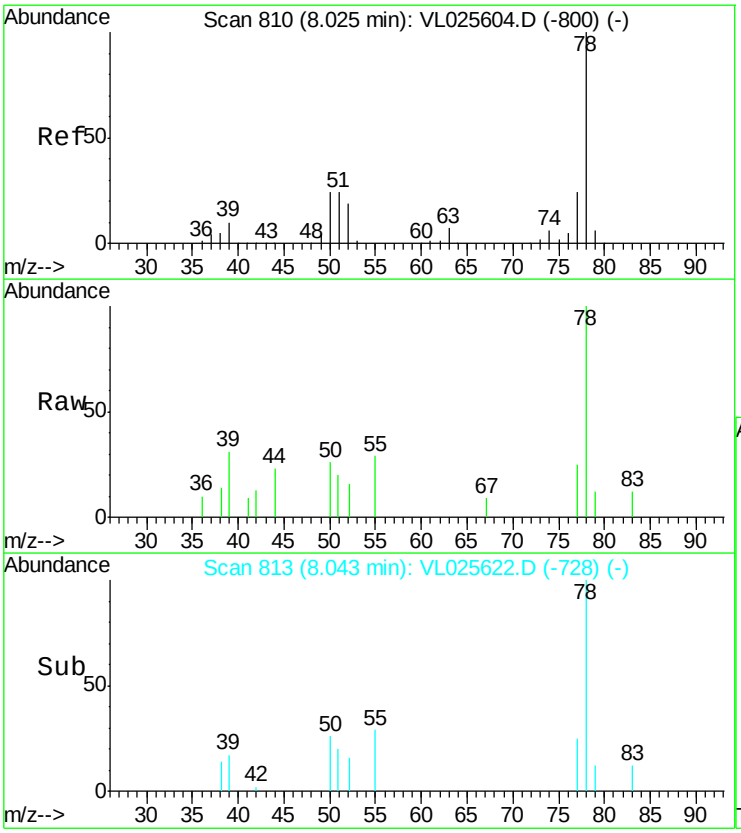
#35
Carbon Tetrachloride
Concen: 0.01 ppbv
RT: 8.16 min Scan# 833
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:117 Resp: 2734

Ion	Ratio	Lower	Upper
117	100		
119	86.6	75.9	113.9
121	28.7	24.4	36.6

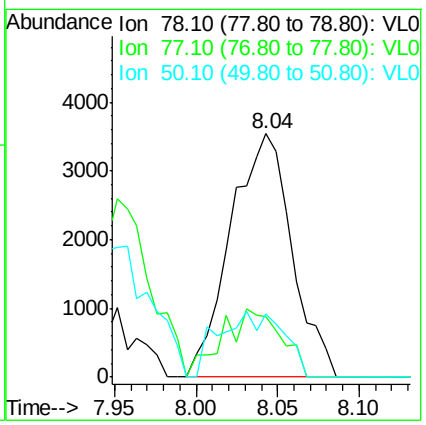


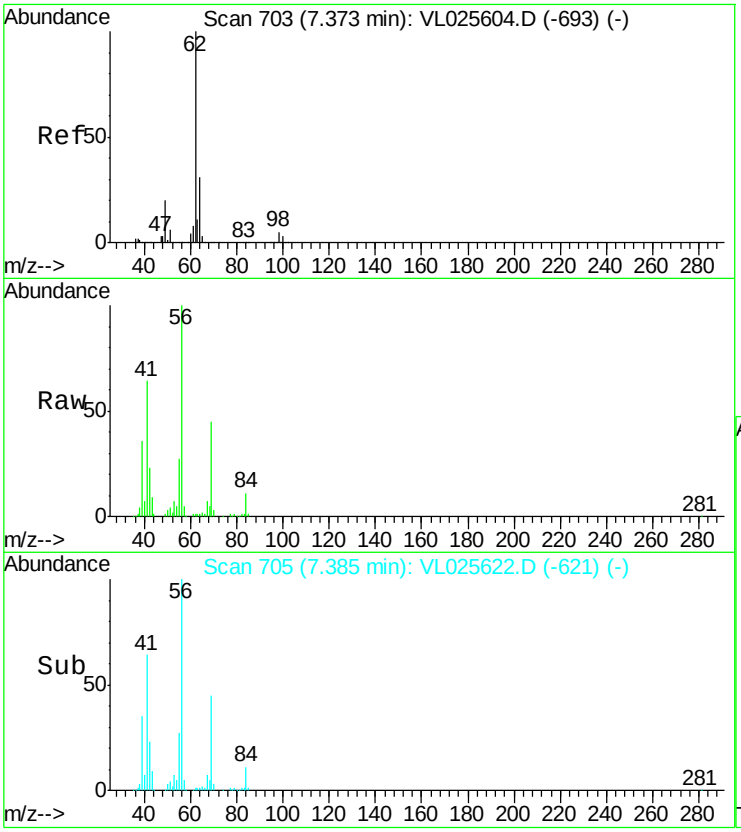


#36
Benzene
Concen: 0.05 ppbv
RT: 8.04 min Scan# 813
Delta R.T. 0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 78 Resp: 9247

Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.0	28.4
50	25.8	19.2	28.8



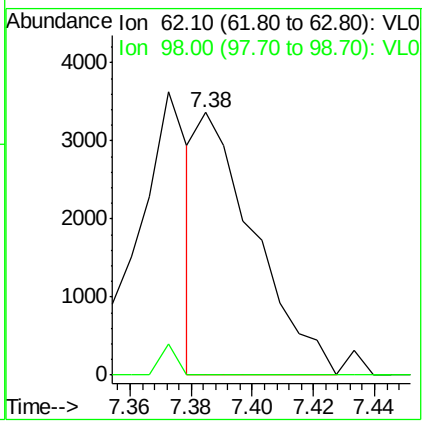


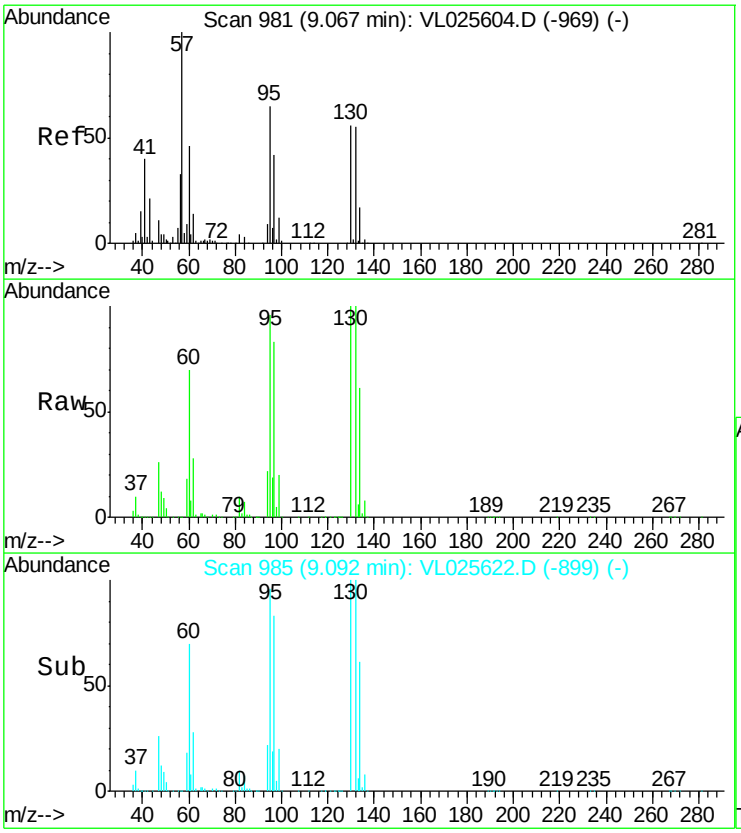
#37
1,2-Dichloroethane
Concen: 0.03 ppbv
RT: 7.38 min Scan# 705
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 62 Resp: 4351

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.1	6.1#

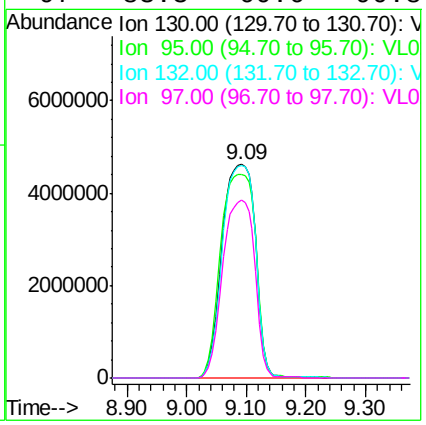


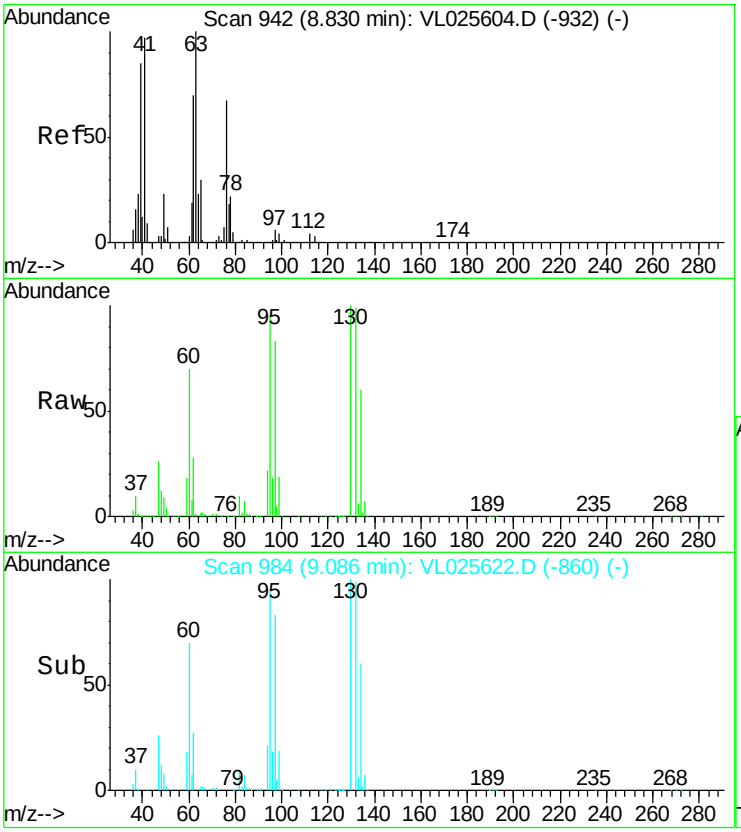


#38
Trichloroethene
Concen: 194.84 ppbv
RT: 9.09 min Scan# 985
Delta R.T. 0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion:130 Resp:18028370

Ion	Ratio	Lower	Upper
130	100		
95	95.6	94.2	141.4
132	99.7	78.6	118.0
97	83.3	60.6	90.8



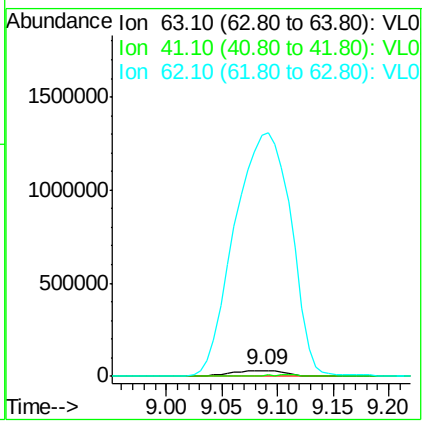


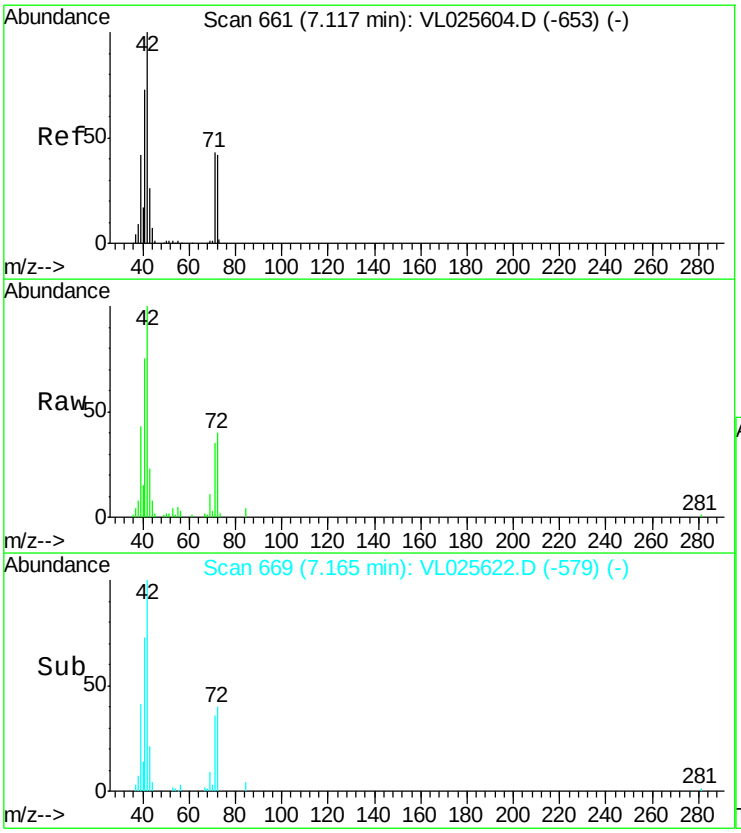
#39
1,2-Dichloropropane
Concen: 1.42 ppbv
RT: 9.09 min Scan# 984
Delta R.T. 0.26 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 63 Resp: 104072

Ion	Ratio	Lower	Upper
63	100		
41	14.3	78.0	117.0#
62	4271.3	55.7	83.5#

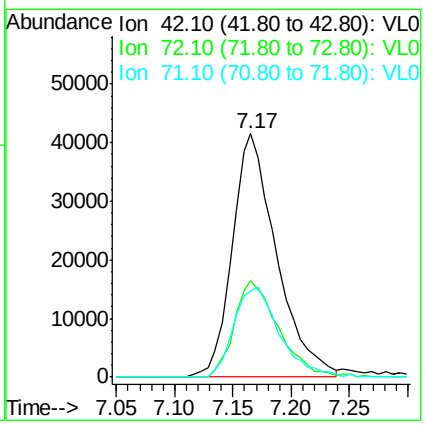


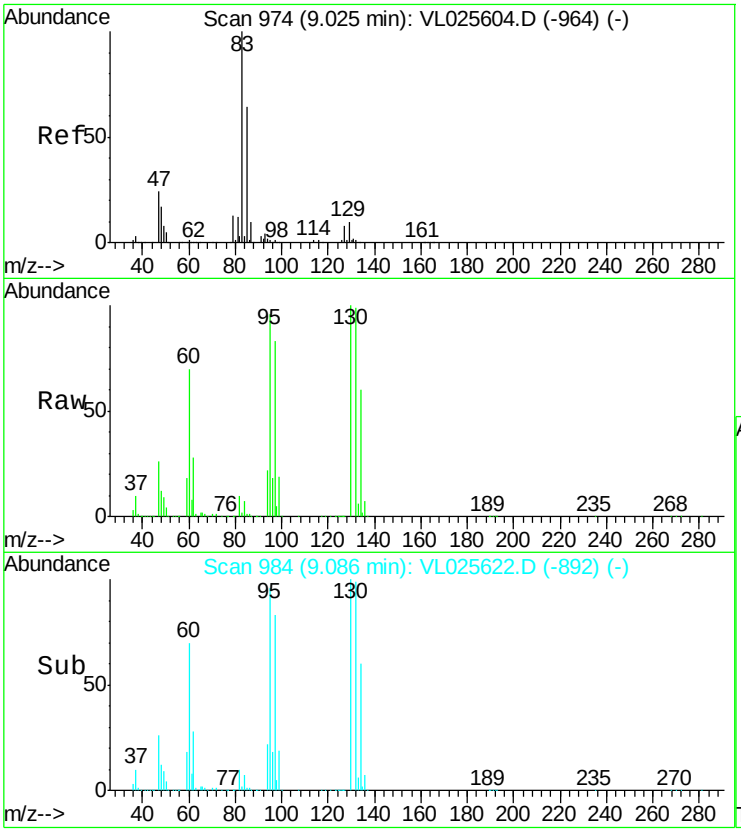


#41
Tetrahydrofuran
Concen: 1.87 ppbv
RT: 7.17 min Scan# 669
Delta R.T. 0.05 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 42 Resp: 109860

Ion	Ratio	Lower	Upper
42	100		
72	39.5	34.0	51.0
71	38.0	33.0	49.6



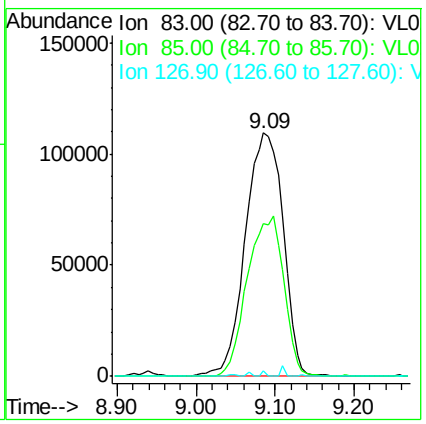


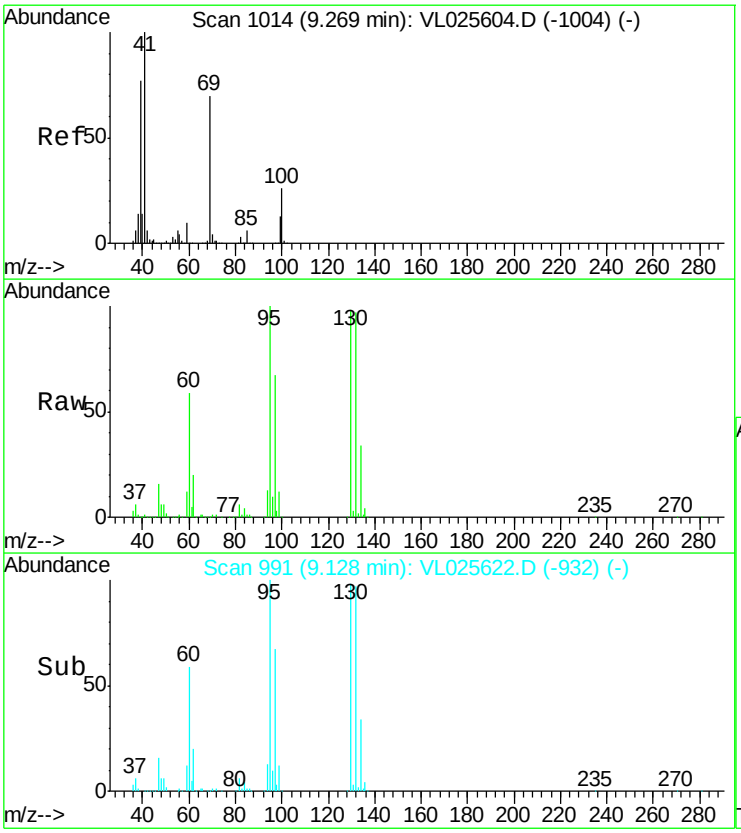
#42
Bromodichloromethane
Concen: 1.79 ppbv
RT: 9.09 min Scan# 984
Delta R.T. 0.06 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument : MSVOA_L
ClientSampleId : DIN46-MIDSTREAM-070115

Tgt Ion: 83 Resp: 366239

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.3	76.9
127	2.0	6.0	9.0#

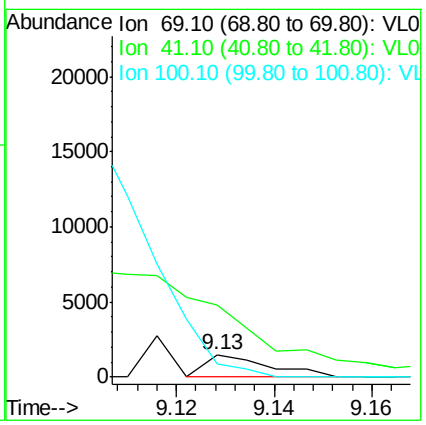


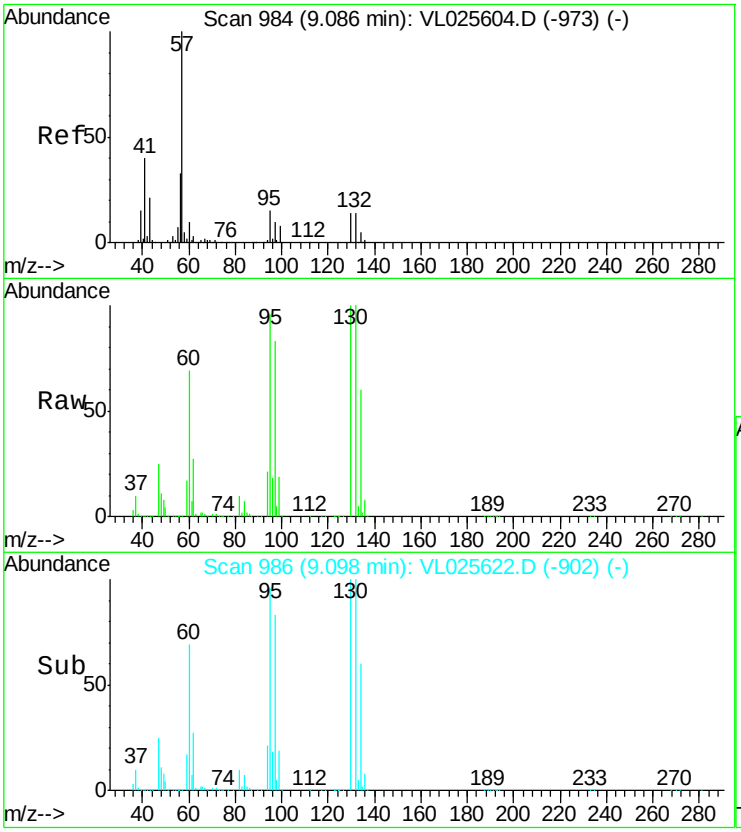


#43
Methyl Methacrylate
Concen: 0.02 ppbv
RT: 9.13 min Scan# 991
Delta R.T. -0.14 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 69 Resp: 1383

Ion	Ratio	Lower	Upper
69	100		
41	416.9	117.3	175.9#
100	0.0	29.0	43.6#



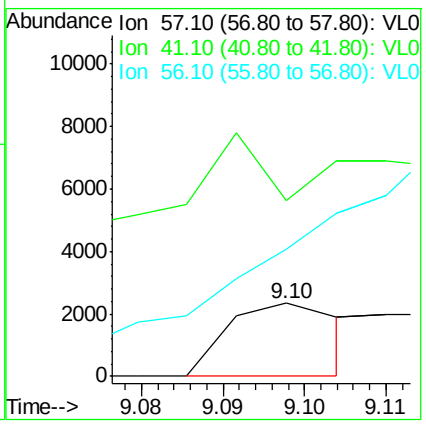


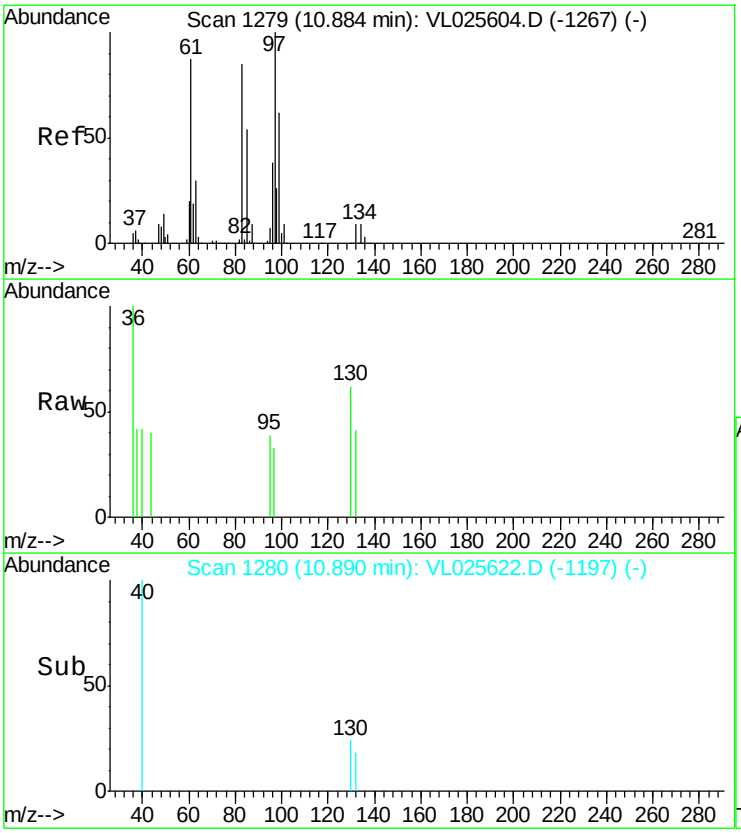
#44
2,2,4-Trimethylpentane
Concen: 0.01 ppbv
RT: 9.10 min Scan# 986
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 57 Resp: 2271

Ion	Ratio	Lower	Upper
57	100		
41	1869.7	31.2	46.8#
56	0.0	25.4	38.2#

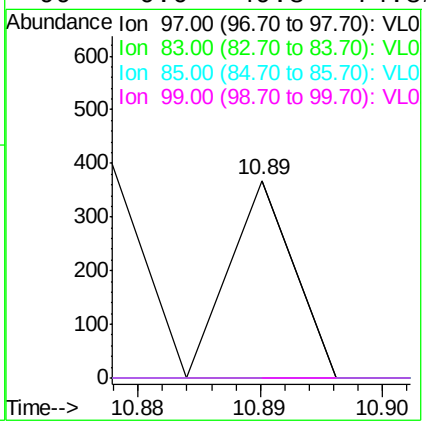


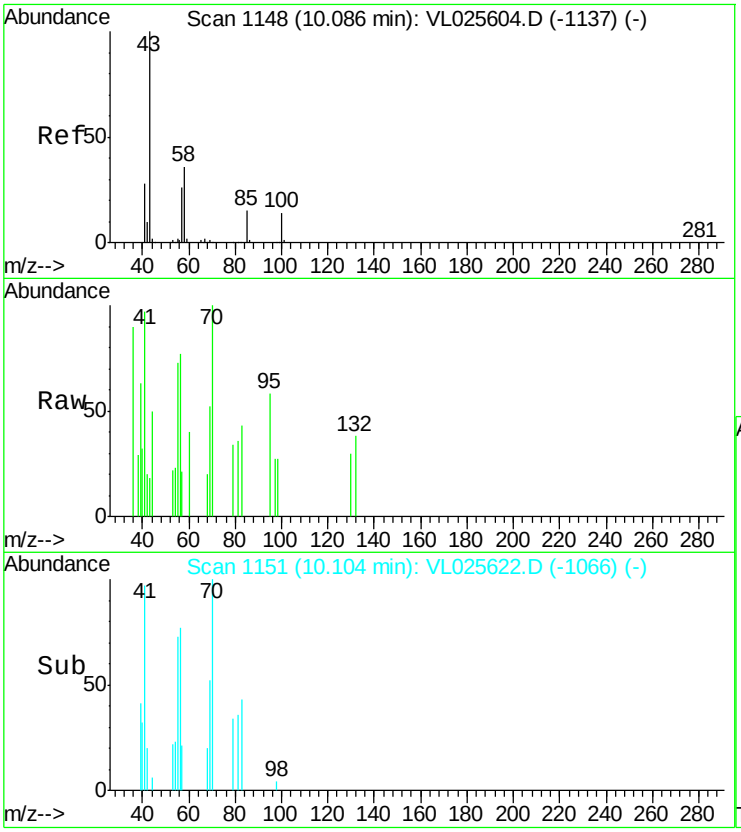


#47
1,1,2-Trichloroethane
Concen: 0.00 ppbv
RT: 10.89 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 97 Resp: 135

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.8	101.8#
85	0.0	43.5	65.3#
99	0.0	49.8	74.8#



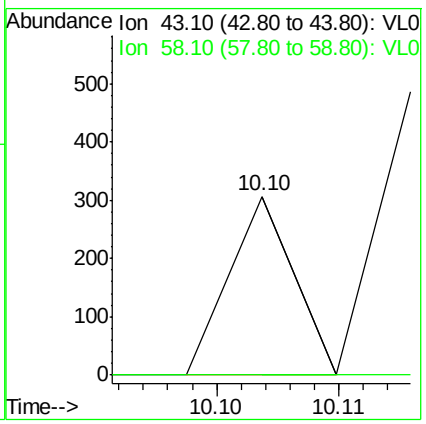


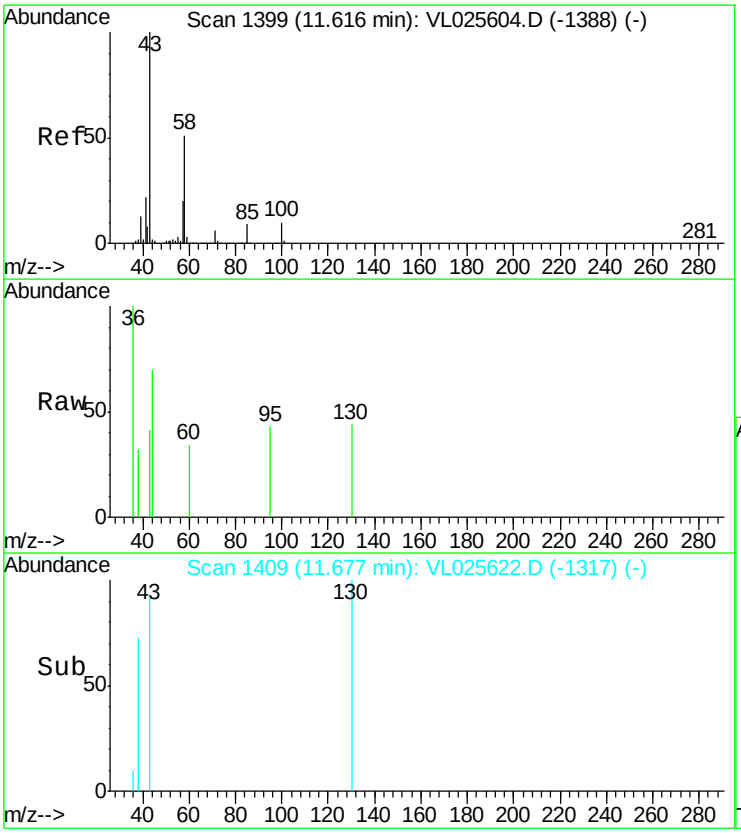
#50
4-Methyl-2-Pentanone
Concen: 0.00 ppbv
RT: 10.10 min Scan# 1151
Delta R.T. 0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 43 Resp: 112

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#

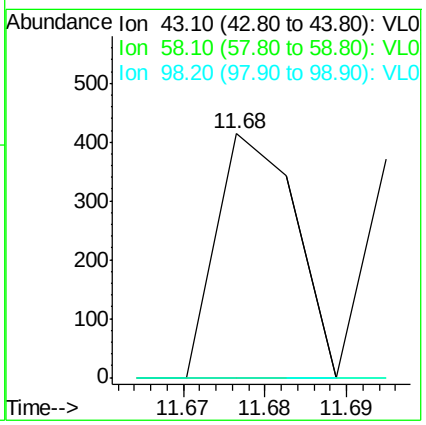


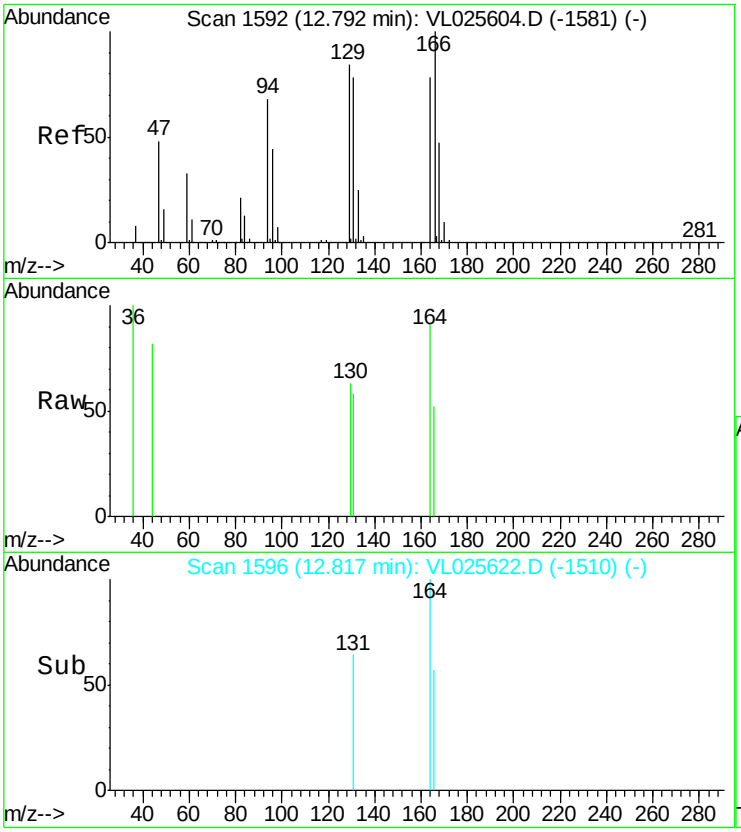


#51
2-Hexanone
Concen: 0.00 ppbv
RT: 11.68 min Scan# 1409
Delta R.T. 0.06 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 43 Resp: 276

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.0	58.6#
98	0.0	0.2	0.4#



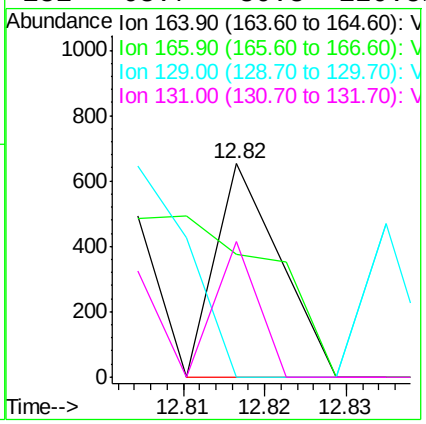


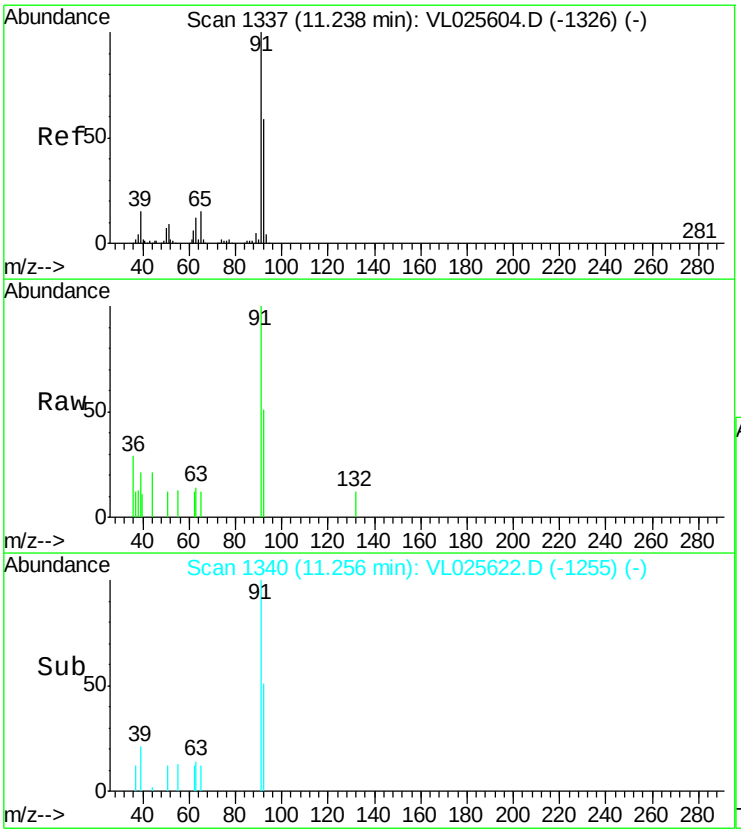
#52
Tetrachloroethene
Concen: 0.00 ppbv
RT: 12.82 min Scan# 1596
Delta R.T. 0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:164 Resp: 358

Ion	Ratio	Lower	Upper
164	100		
166	57.3	102.3	153.5#
129	0.0	86.2	129.4#
131	63.7	80.3	120.5#

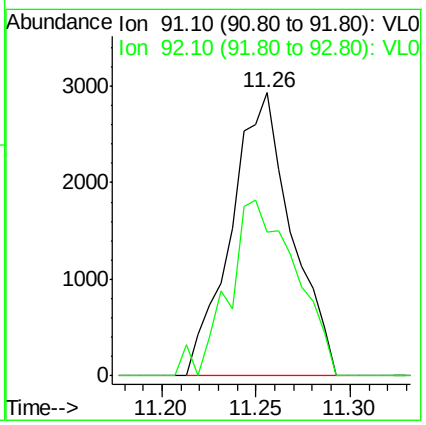


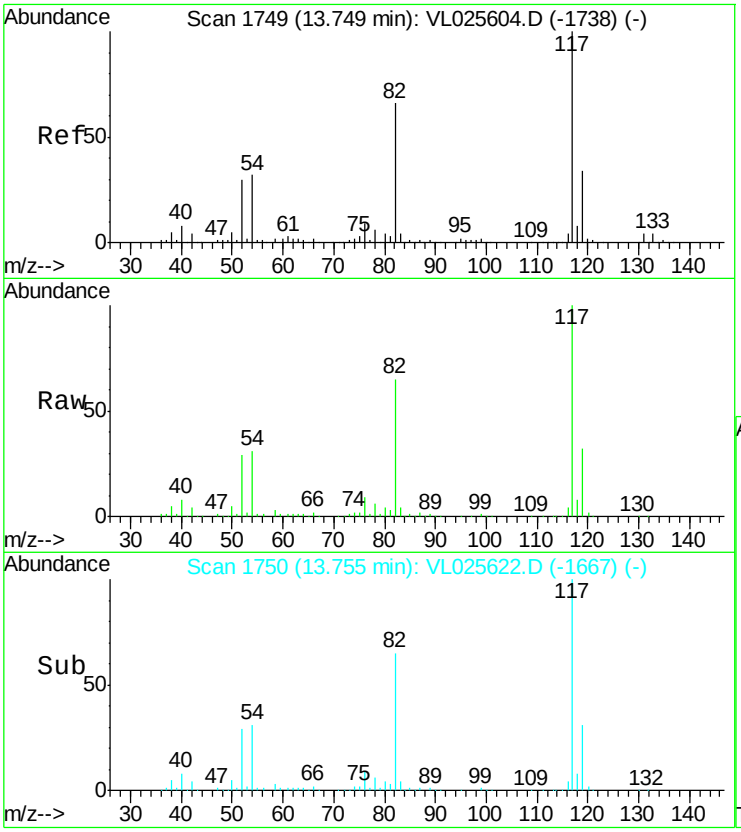


#53
Toluene
Concen: 0.02 ppbv
RT: 11.26 min Scan# 1340
Delta R.T. 0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 91 Resp: 6535

Ion	Ratio	Lower	Upper
91	100		
92	68.6	48.2	72.2



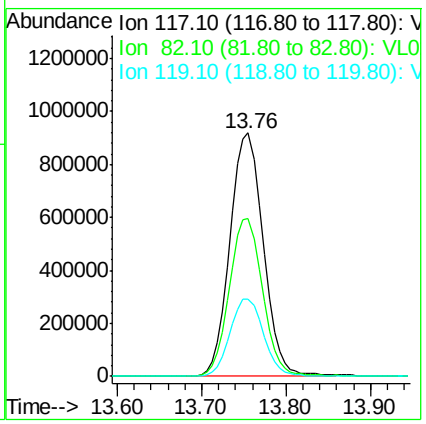


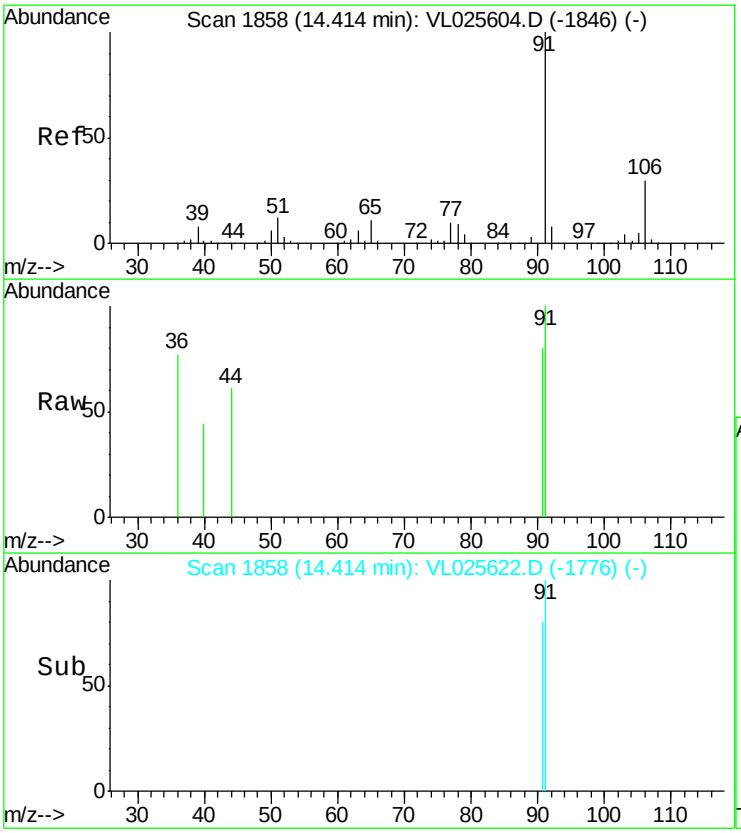
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:117 Resp: 2470299

Ion	Ratio	Lower	Upper
117	100		
82	0.0	50.5	75.7#
119	32.3	45.1	67.7#

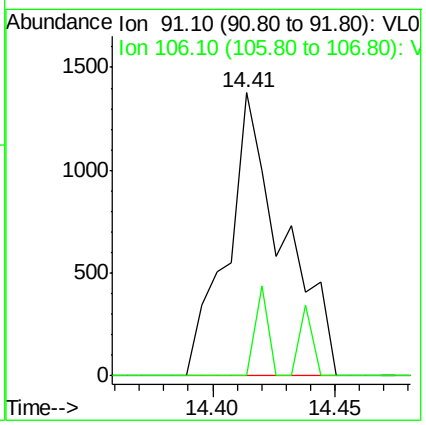


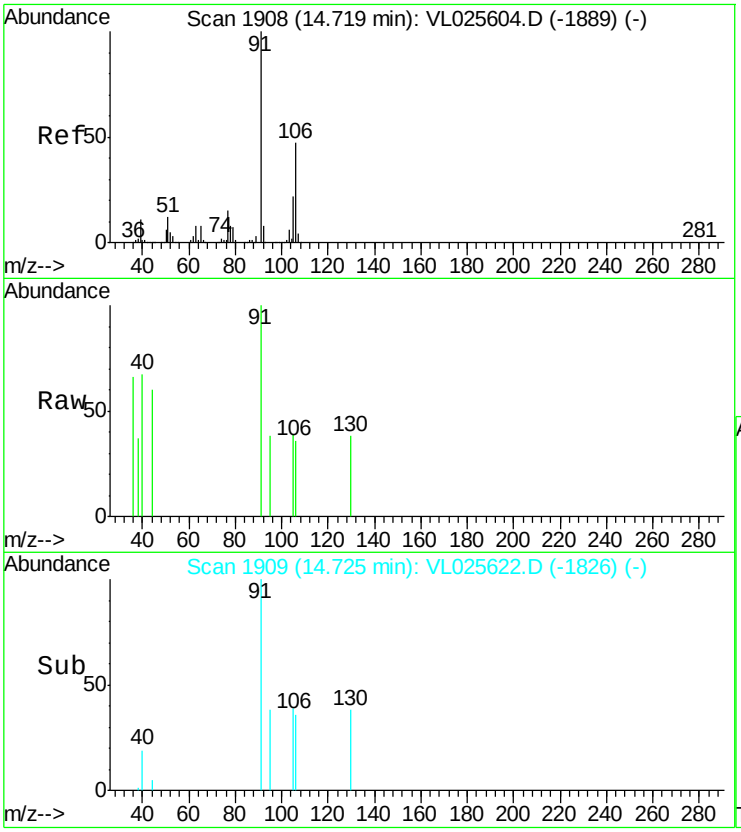


#58
Ethyl Benzene
Concen: 0.01 ppbv
RT: 14.41 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 91 Resp: 2175

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.2	36.2#



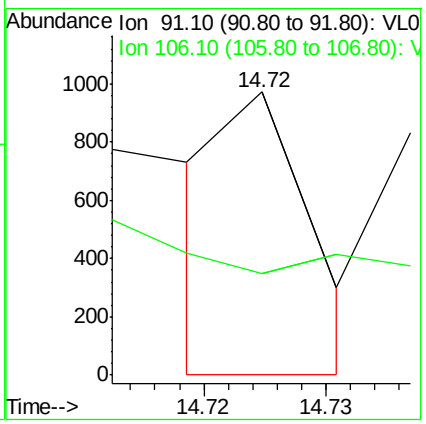


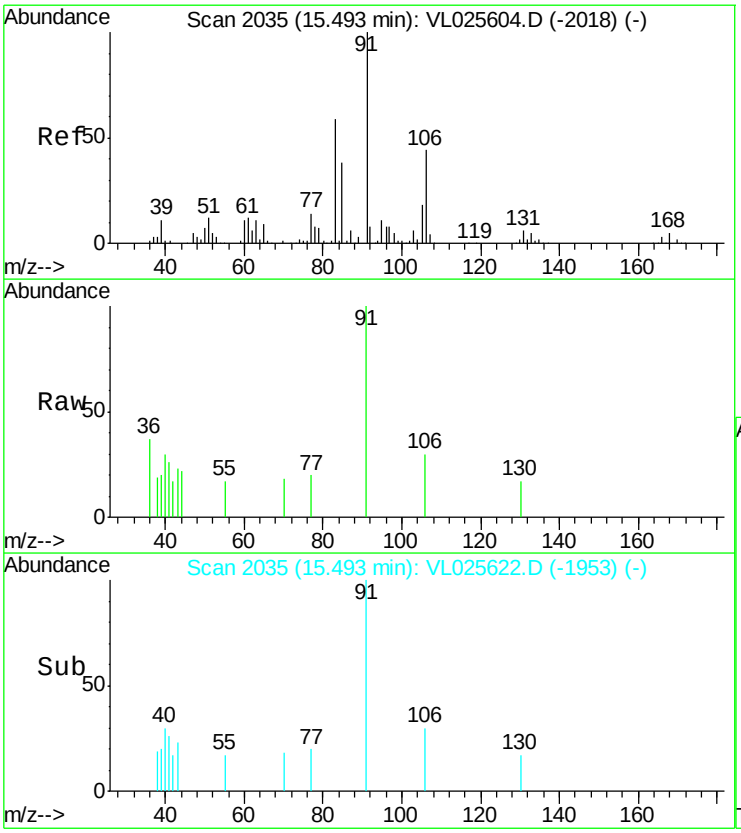
#59
m/p-Xylene
Concen: 0.00 ppbv
RT: 14.72 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 91 Resp: 466

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.9	56.9#

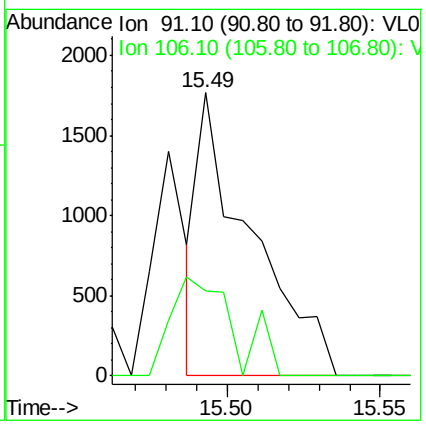


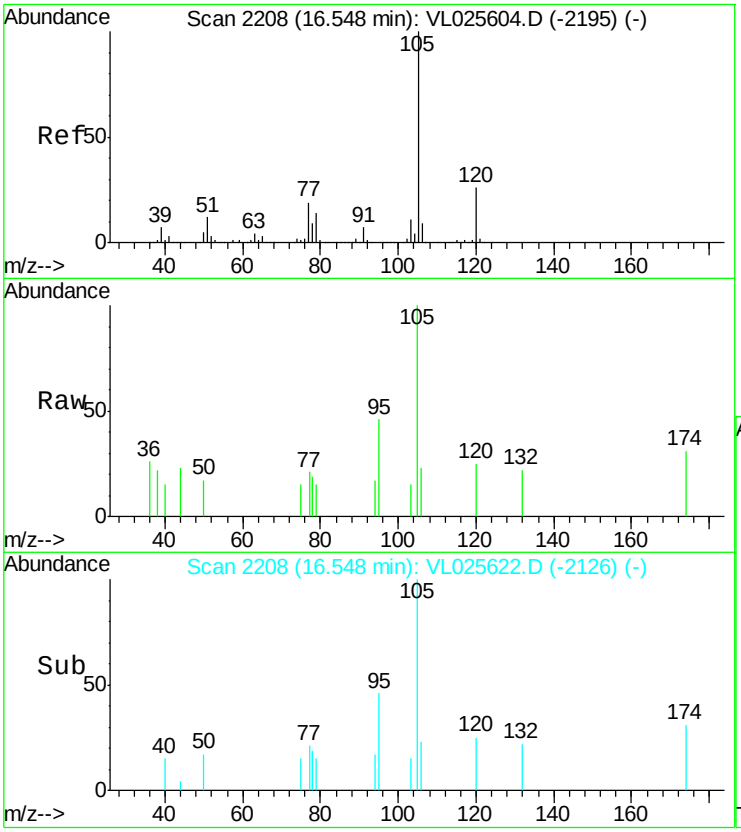


#60
o-Xylene
Concen: 0.01 ppbv
RT: 15.49 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 91 Resp: 2142

Ion	Ratio	Lower	Upper
91	100		
106	41.4	22.1	66.1



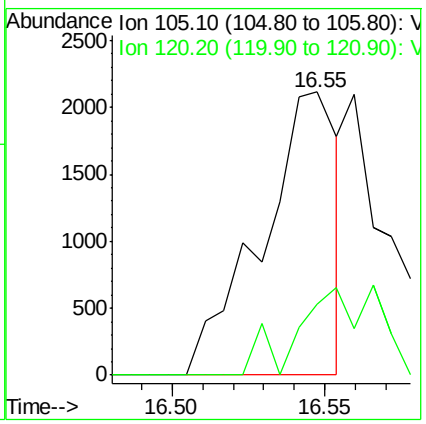


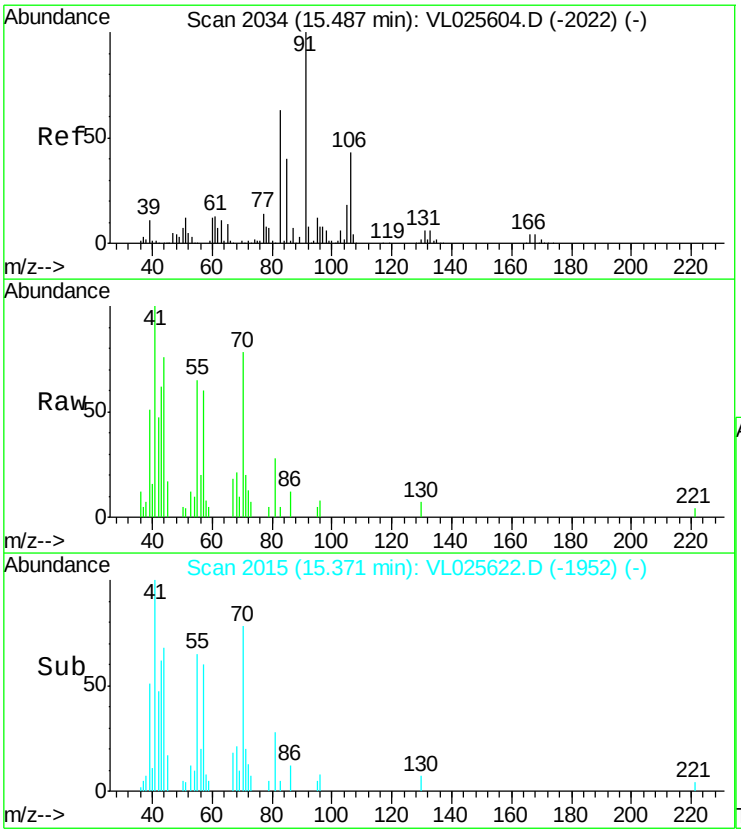
#62
Isopropylbenzene
Concen: 0.01 ppbv
RT: 16.55 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:105 Resp: 3657

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	31.0#

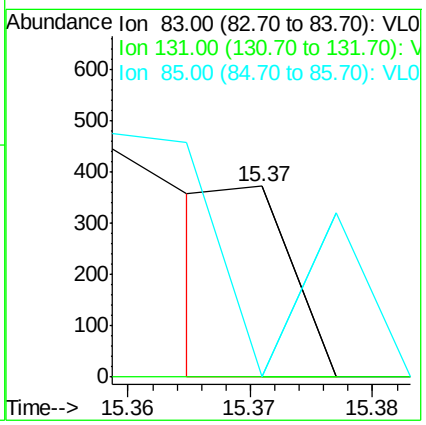


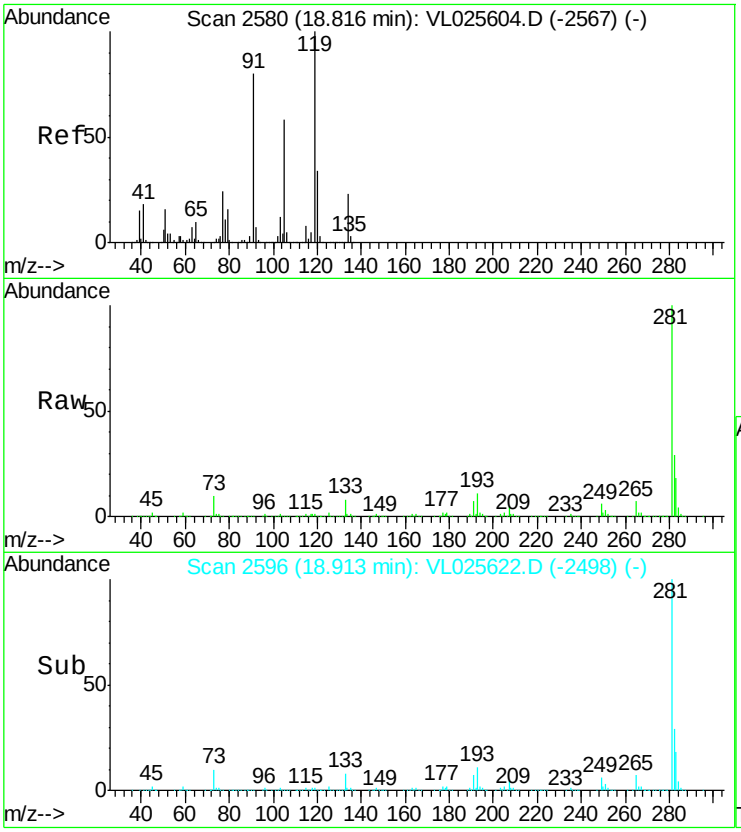


#63
1,1,2,2-Tetrachloroethane
Concen: 0.00 ppbv
RT: 15.37 min Scan# 2015
Delta R.T. -0.12 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 83 Resp: 136

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	0.0	32.4	97.2#



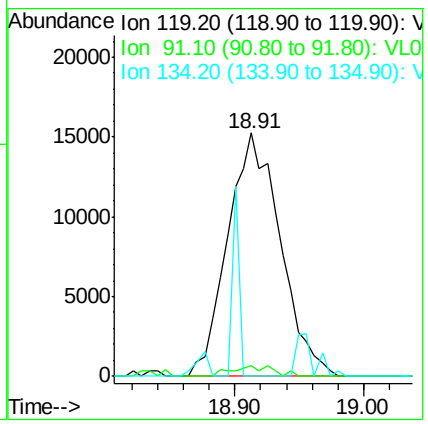


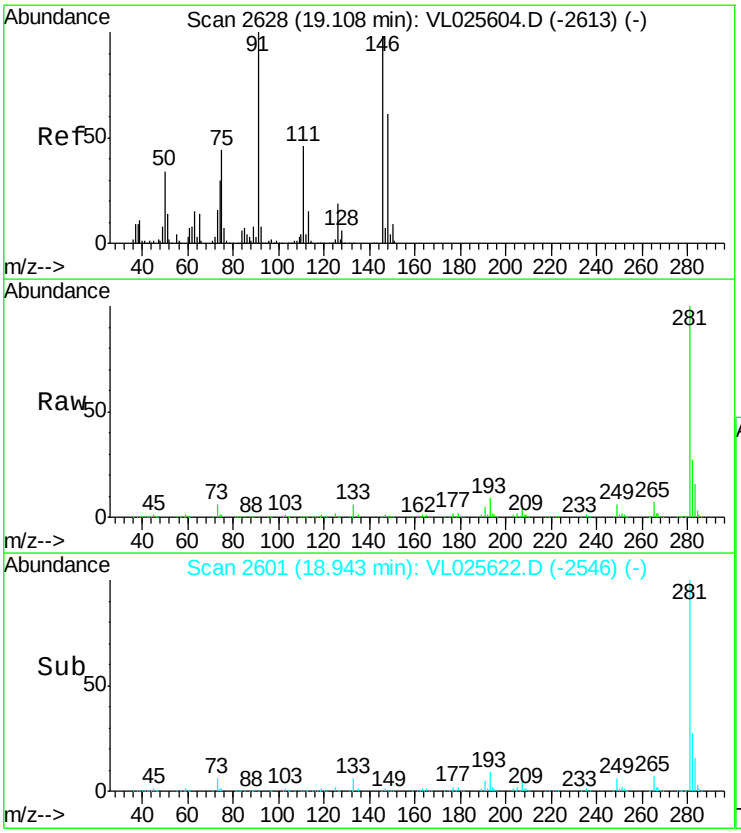
#65
tert-Butylbenzene
Concen: 0.09 ppbv
RT: 18.91 min Scan# 2596
Delta R.T. 0.10 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:119 Resp: 43202

Ion	Ratio	Lower	Upper
119	100		
91	3.3	64.5	96.7#
134	12.4	17.4	26.0#

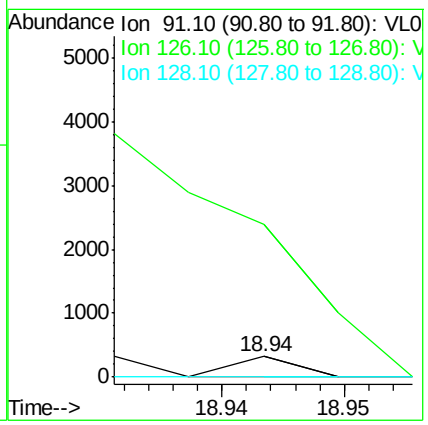


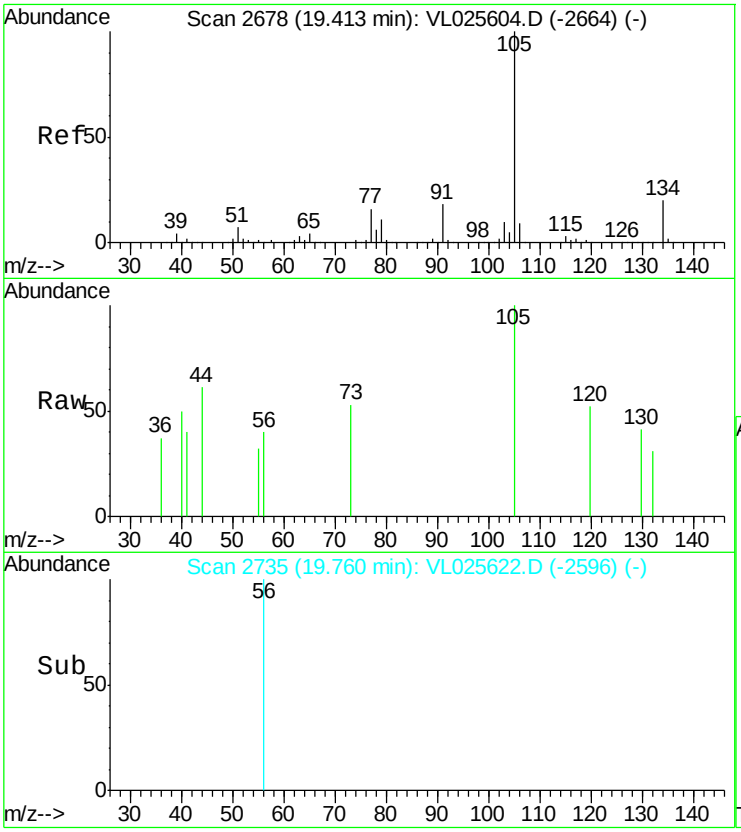


#66
Benzyl Chloride
Concen: 0.00 ppbv
RT: 18.94 min Scan# 2601
Delta R.T. -0.16 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 91 Resp: 117

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.5	21.7#
128	0.0	4.6	7.0#



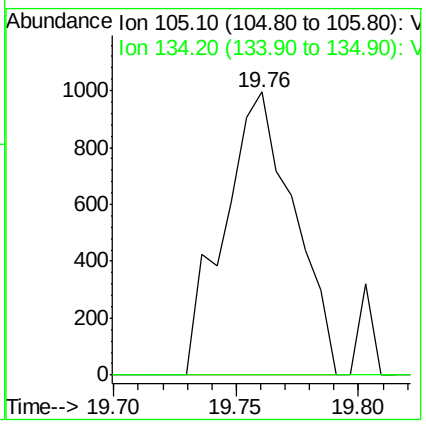


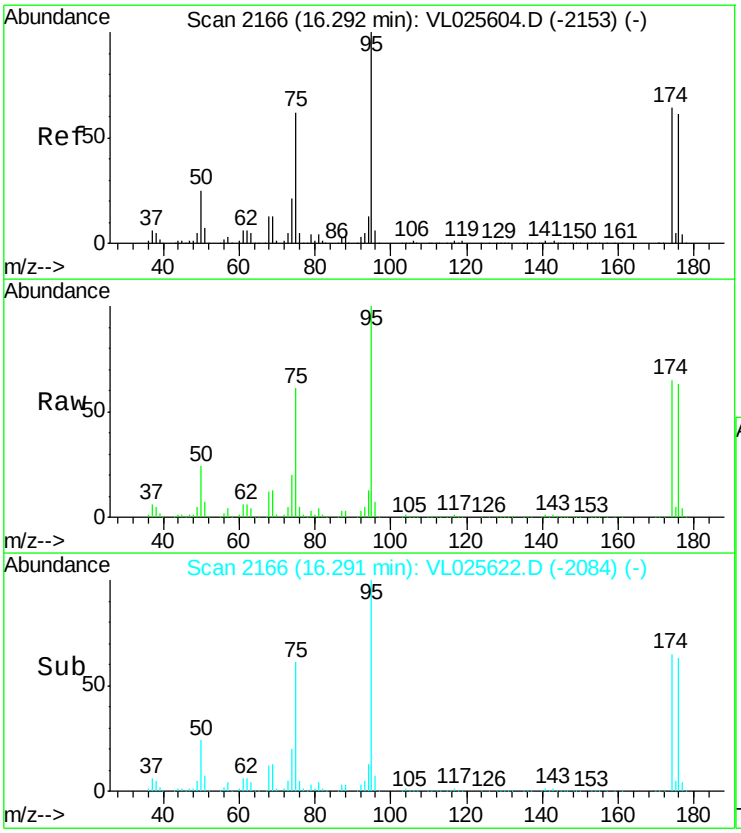
#67
sec-Butylbenzene
Concen: 0.00 ppbv
RT: 19.76 min Scan# 2735
Delta R.T. 0.35 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:105 Resp: 1978

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.4	23.2#

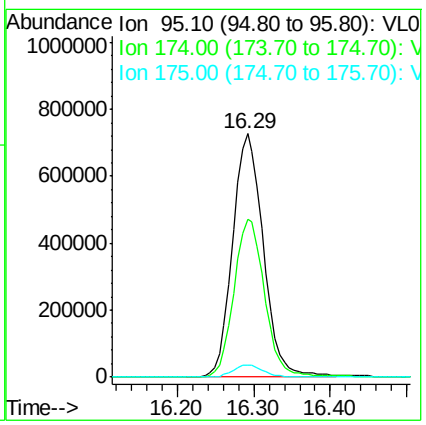


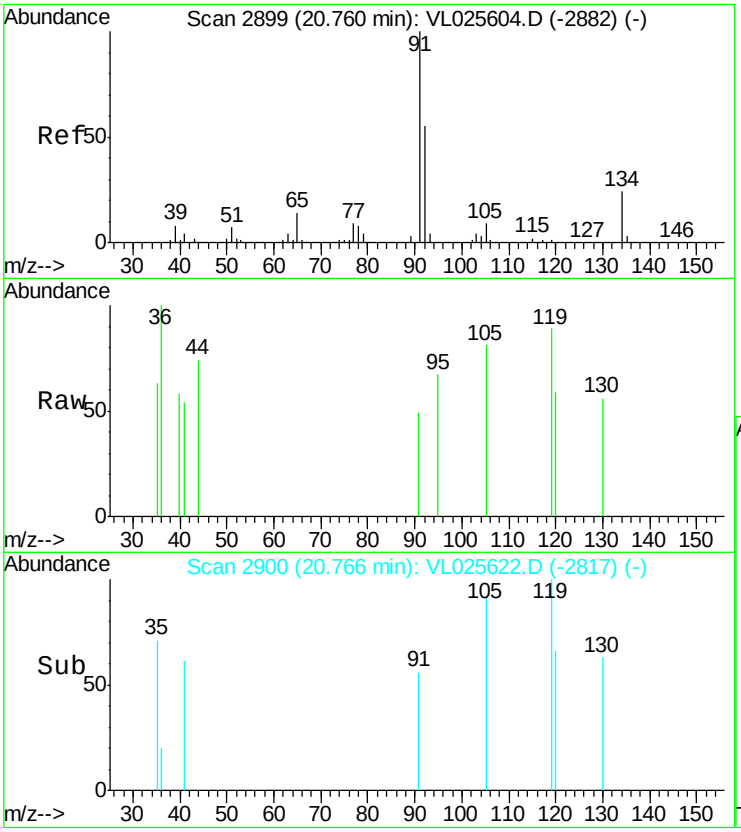


#68
1-Bromo-4-Fluorobenzene
Concen: 9.73 ppbv
RT: 16.29 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 95 Resp: 2027488

Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.0	78.0
175	4.9	3.9	5.9



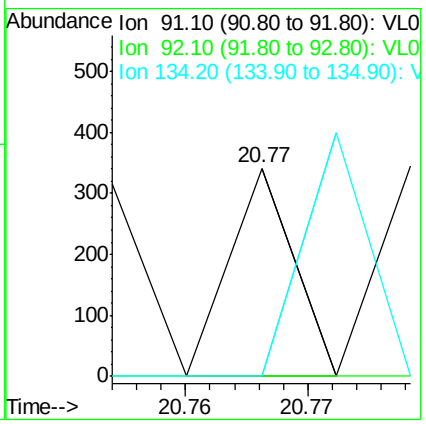


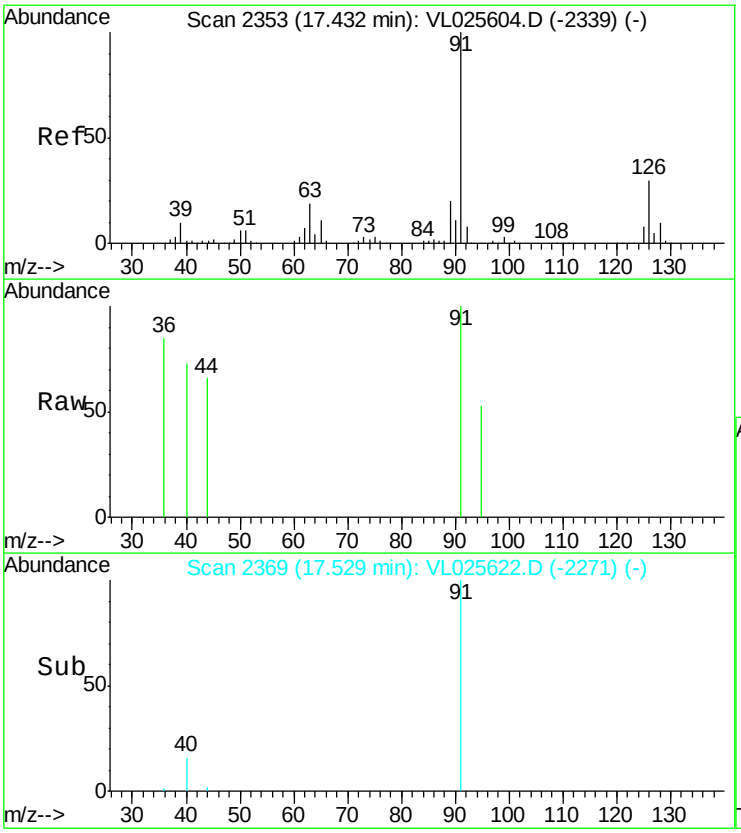
#70
n-Butylbenzene
Concen: 0.00 ppbv
RT: 20.77 min Scan# 2900
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion: 91 Resp: 125

Ion	Ratio	Lower	Upper
91	100		
92	0.0	44.3	66.5#
134	0.0	19.4	29.2#

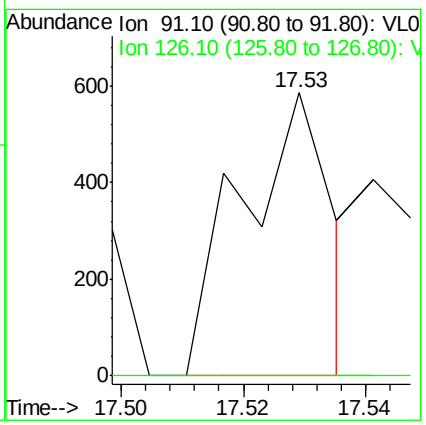


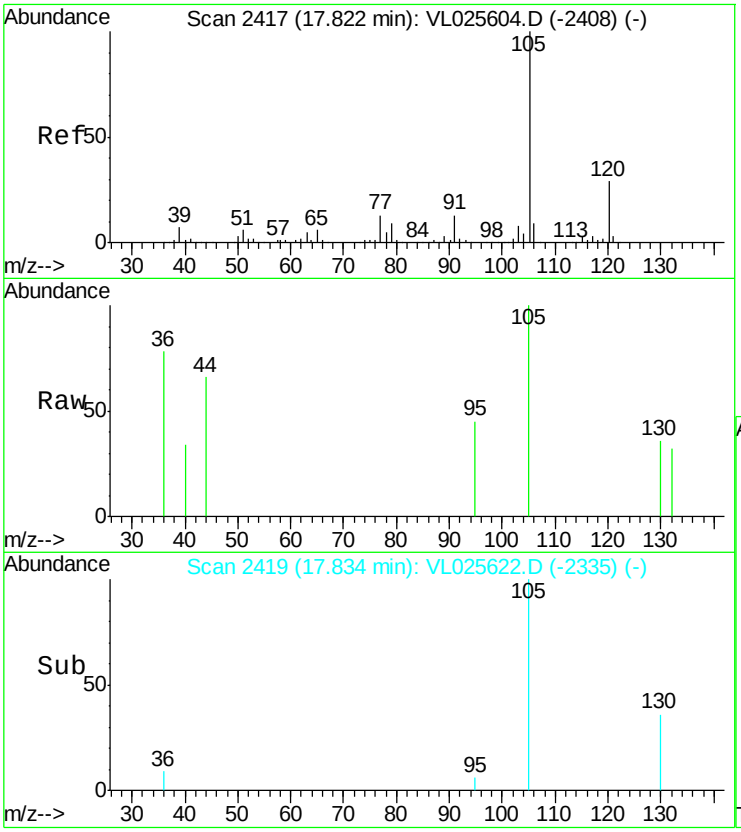


#71
2-Chlorotoluene
Concen: 0.00 ppbv
RT: 17.53 min Scan# 2369
Delta R.T. 0.10 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion: 91 Resp: 598

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.2	49.0#



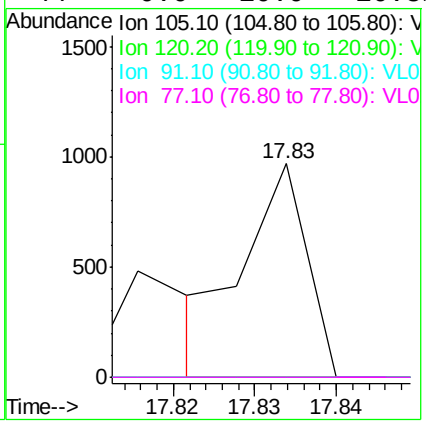


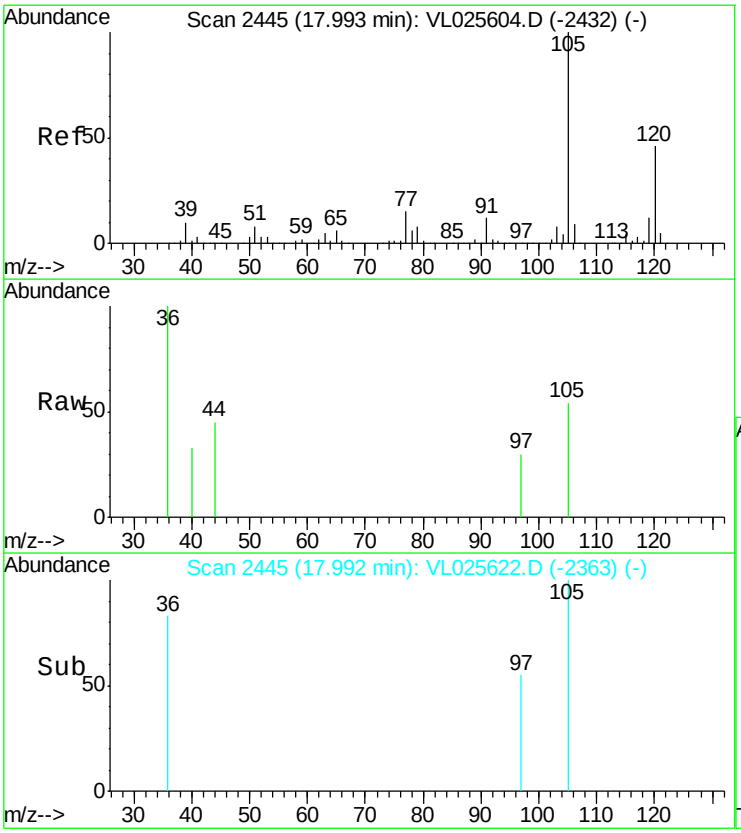
#72
4-Ethyltoluene
Concen: 0.00 ppbv
RT: 17.83 min Scan# 2419
Delta R.T. 0.01 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:105 Resp: 505

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.9	35.9#
91	0.0	10.3	15.5#
77	0.0	10.9	16.3#

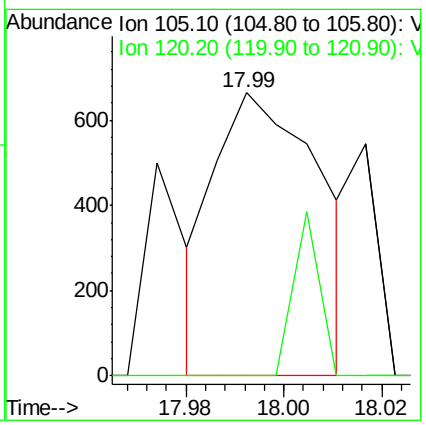


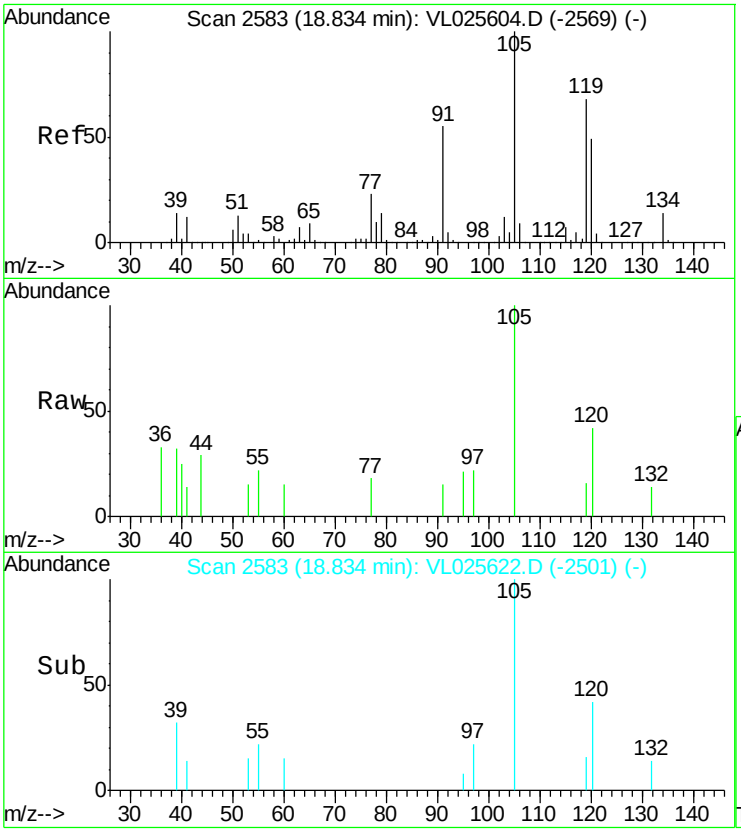


#73
1,3,5-Trimethylbenzene
Concen: 0.00 ppbv
RT: 17.99 min Scan# 2445
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion:105 Resp: 994

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.0	55.4#



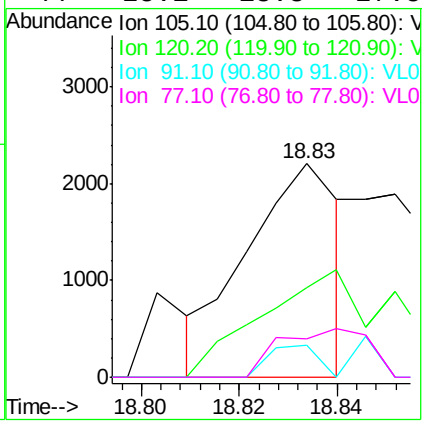


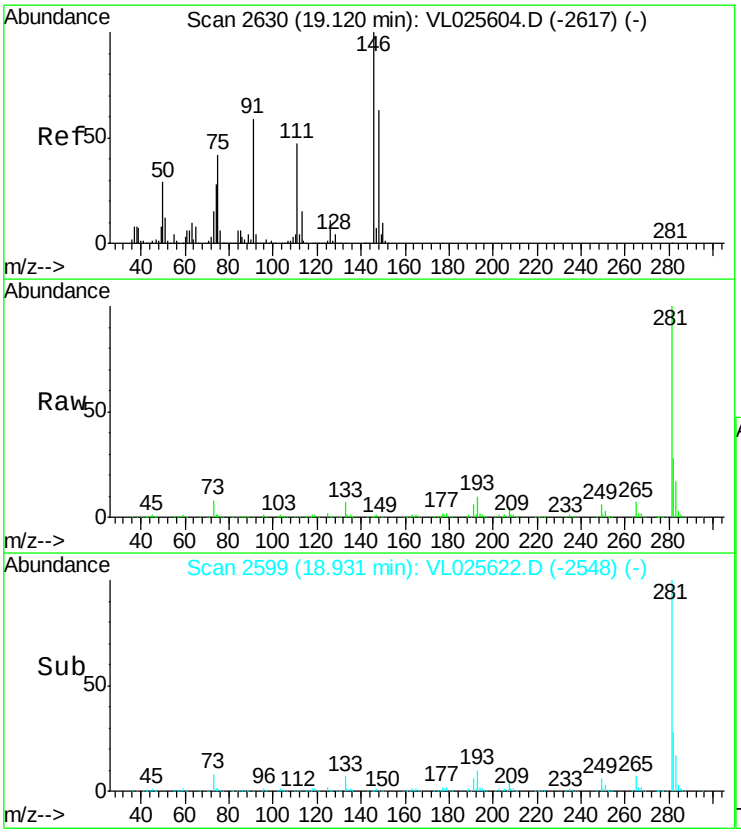
#74
1,2,4-Trimethylbenzene
Concen: 0.01 ppbv
RT: 18.83 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:105 Resp: 2906

Ion	Ratio	Lower	Upper
105	100		
120	59.1	39.3	58.9#
91	21.2	43.8	65.6#
77	25.1	18.3	27.5

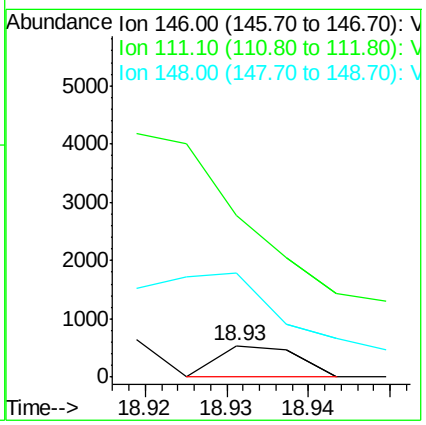


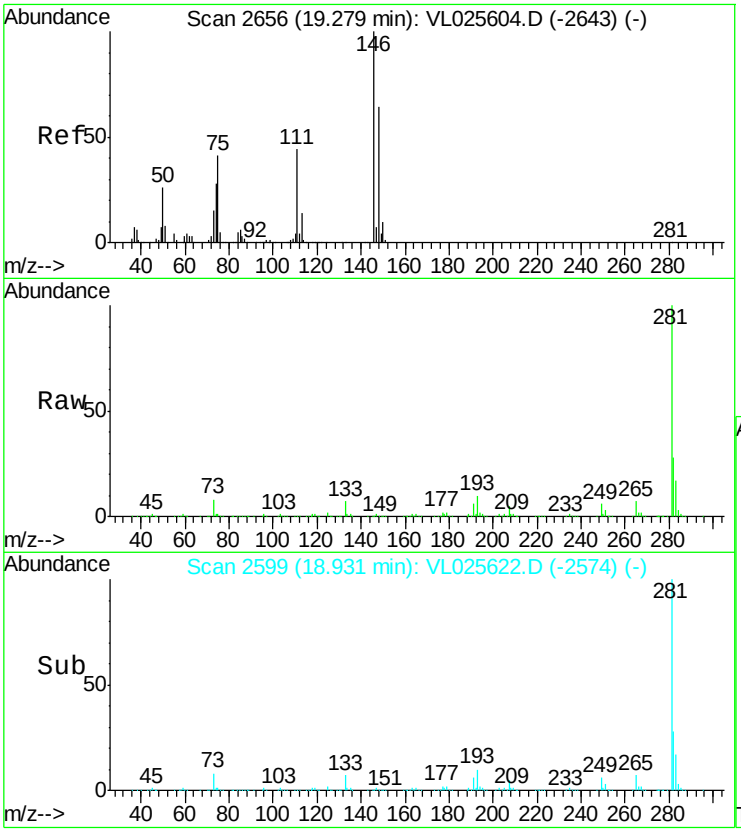


#75
1,3-Dichlorobenzene
Concen: 0.00 ppbv
RT: 18.93 min Scan# 2599
Delta R.T. -0.19 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion:146 Resp: 371

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.7	68.1#
148	0.0	31.8	95.3#



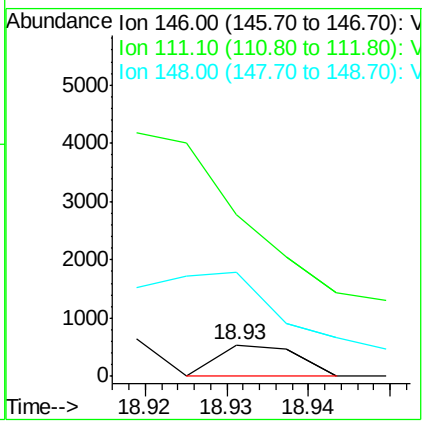


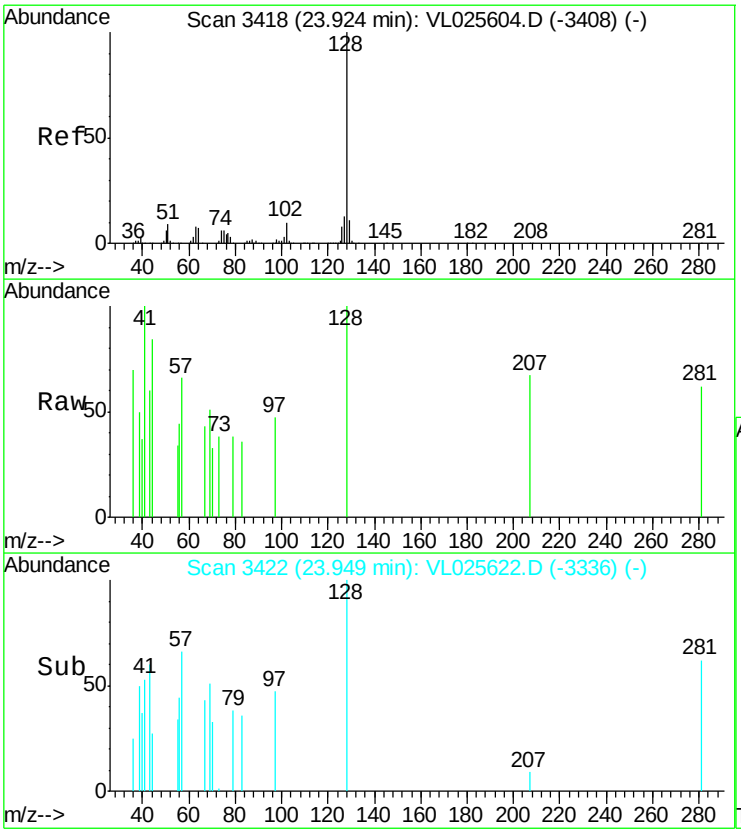
#76
1,4-Dichlorobenzene
Concen: 0.00 ppbv
RT: 18.93 min Scan# 2599
Delta R.T. -0.35 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115

Tgt Ion:146 Resp: 371

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.1	66.1#
148	0.0	31.9	95.9#





#79
Naphthalene
Concen: 0.00 ppbv
RT: 23.95 min Scan# 3422
Delta R.T. 0.02 min
Lab File: VL025622.D
Acq: 8 Jul 2015 00:38

Tgt Ion:128 Resp: 1689

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	9.0	13.4#