Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025619.D
Acq On : 7 Jul 2015 22:40
Operator : SY/MD
Sample : G2872-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ERD45-INFLUENT-070115

Quant Time: Jul 08 06:55:48 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	6.68	49	710174	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	8.38	114	349871	10.00	ppbv		0.05
55) Chlorobenzene-d5	13.85	117	2476363	10.00	ppbv		0.10
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.34	95	2077807	9.95	ppbv		0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	47096	0.26	ppbv		99
3) Chlorodifluoromethane	3.57	51	45184	0.45	ppbv	#	76
4) Chloromethane	3.75	50	14143	0.31	ppbv		96
5) Vinyl Chloride	3.89	62	9823262	199.25	ppbv	#	57
7) Chloroethane	3.89	64	4390083	191.28	ppbv	#	45
8) Dichlorotetrafluoroethane	3.81	85	2103	0.01	ppbv		96
9) Propene	3.60	41	362300	10.90	ppbv		89
10) Heptane	9.42	43	8709	0.07	ppbv	#	25
11) Trichlorofluoromethane	4.70	101	43396	0.18	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	5.31	101	8454	0.06	ppbv		89
13) Ethanol	4.35	45	17756	3.43	ppbv		96
15) Acetone	4.60	43	1656687	13.21	ppbv	#	77
16) 1,3-Butadiene	4.00	39	527356	10.56	ppbv	#	12
17) tert-Butyl alcohol	5.19	59	68752	0.65	ppbv	#	69
18) 1,1-Dichloroethene	5.09	96	1098109	20.96	ppbv		98
19) Isopropyl Alcohol	4.79	45	49740	0.99	ppbv	#	96
20) Methylene Chloride	5.15	84	52455	1.03	ppbv		96
21) Allyl Chloride	5.10	41	39078	0.50	ppbv		86
22) trans-1,2-Dichloroethene	5.77	96	1126308	21.06	ppbv		97
23) Vinyl Acetate	6.02	43	602606	3.17	ppbv	#	46
24) 1,1-Dichloroethane	5.93	63	118527	0.93	ppbv	#	97
25) Ethyl Acetate	6.67	43	374064	1.97	ppbv	#	77
26) Hexane	6.67	57	544596	6.09	ppbv	#	48
27) Carbon Disulfide	5.39	76	63838	0.44	ppbv	#	90
28) Methyl tert-Butyl Ether	6.01	73	803	0.00	ppbv	#	1
29) Chloroform	6.77	83	123701	0.70	ppbv		95
30) Cyclohexane	8.31	84	236209	2.76	ppbv		99
31) cis-1,2-Dichloroethene	6.54	61	23030558	259.25	ppbv	#	40
32) 1,1,1-Trichloroethane	7.63	97	641173	3.34	ppbv		94
34) 2-Butanone	6.31	43	195239	9.83	ppbv	#	83
35) Carbon Tetrachloride	8.18	117	5420	0.15	ppbv		85
36) Benzene	8.07	78	60279	1.80	ppbv		95
37) 1,2-Dichloroethane	7.43	62	3957	0.14	ppbv	#	1
38) Trichloroethene	9.15	130	73838082	4739.39	ppbv		88
39) 1,2-Dichloropropane	8.62	63	65014	5.25	ppbv	#	15
40) 1,4-Dioxane	9.16	88	1981	1.02	ppbv	#	1
41) Tetrahydrofuran	7.16	42	2034	0.21	ppbv	#	34
42) Bromodichloromethane	9.16	83	1252942	36.31	ppbv	#	91
43) Methyl Methacrylate	9.50	69	16937	1.32	ppbv	#	1
44) 2,2,4-Trimethylpentane	9.09	57	2225	0.04	ppbv	#	1
47) 1,1,2-Trichloroethane	10.96	97	1132	0.07	ppbv	#	54

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025619.D
Acq On : 7 Jul 2015 22:40
Operator : SY/MD
Sample : G2872-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ERD45-INFLUENT-070115

Quant Time: Jul 08 06:55:48 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)
48) Dibromochloromethane	11.63	129	354	0.01	ppbv	#	10
50) 4-Methyl-2-Pentanone	10.21	43	4692	0.16	ppbv	#	39
51) 2-Hexanone	11.66	43	49045	1.91	ppbv	#	70
52) Tetrachloroethene	12.91	164	188777	11.23	ppbv		95
53) Toluene	11.40	91	1777883	37.75	ppbv		98
56) 1,1,1,2-Tetrachloroethane	13.88	131	255	0.00	ppbv	#	1
57) Chlorobenzene	13.91	112	55240	0.21	ppbv	#	81
58) Ethyl Benzene	14.49	91	227742	0.56	ppbv		99
59) m/p-Xylene	14.77	91	662710	1.84	ppbv		99
60) o-Xylene	15.55	91	293840	0.76	ppbv		100
61) Styrene	15.45	104	358	0.00	ppbv	#	28
62) Isopropylbenzene	16.59	105	504244	1.00	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.63	83	4796	0.02	ppbv	#	32
64) n-propylbenzene	17.55	120	15907	0.12	ppbv		78
65) tert-Butylbenzene	18.92	119	19004	0.04	ppbv	#	19
66) Benzyl Chloride	19.26	91	900	0.00	ppbv	#	65
67) sec-Butylbenzene	19.63	105	693	0.00	ppbv	#	1
69) p-Isopropyltoluene	19.80	119	46729	0.08	ppbv	#	62
70) n-Butylbenzene	20.89	91	607	0.00	ppbv	#	23
71) 2-Chlorotoluene	17.47	91	11886	0.03	ppbv		99
72) 4-Ethyltoluene	18.02	105	108779	0.25	ppbv	#	79
73) 1,3,5-Trimethylbenzene	18.02	105	108779	0.26	ppbv		97
74) 1,2,4-Trimethylbenzene	18.86	105	304100	0.65	ppbv	#	69
75) 1,3-Dichlorobenzene	19.28	146	333	0.00	ppbv	#	1
76) 1,4-Dichlorobenzene	19.34	146	112	0.00	ppbv	#	1
77) 1,2-Dichlorobenzene	20.06	146	461	0.00	ppbv	#	1
78) Hexachloro-1,3-Butadiene	24.69	225	224	0.00	ppbv	#	19
79) Naphthalene	24.13	128	1047	0.00	ppbv	#	1
80) Naphthalene,2-methyl-	26.19	142	536	0.00	ppbv	#	1
81) 1,2,4-Trichlorobenzene	23.75	180	1345	0.01	ppbv	#	12

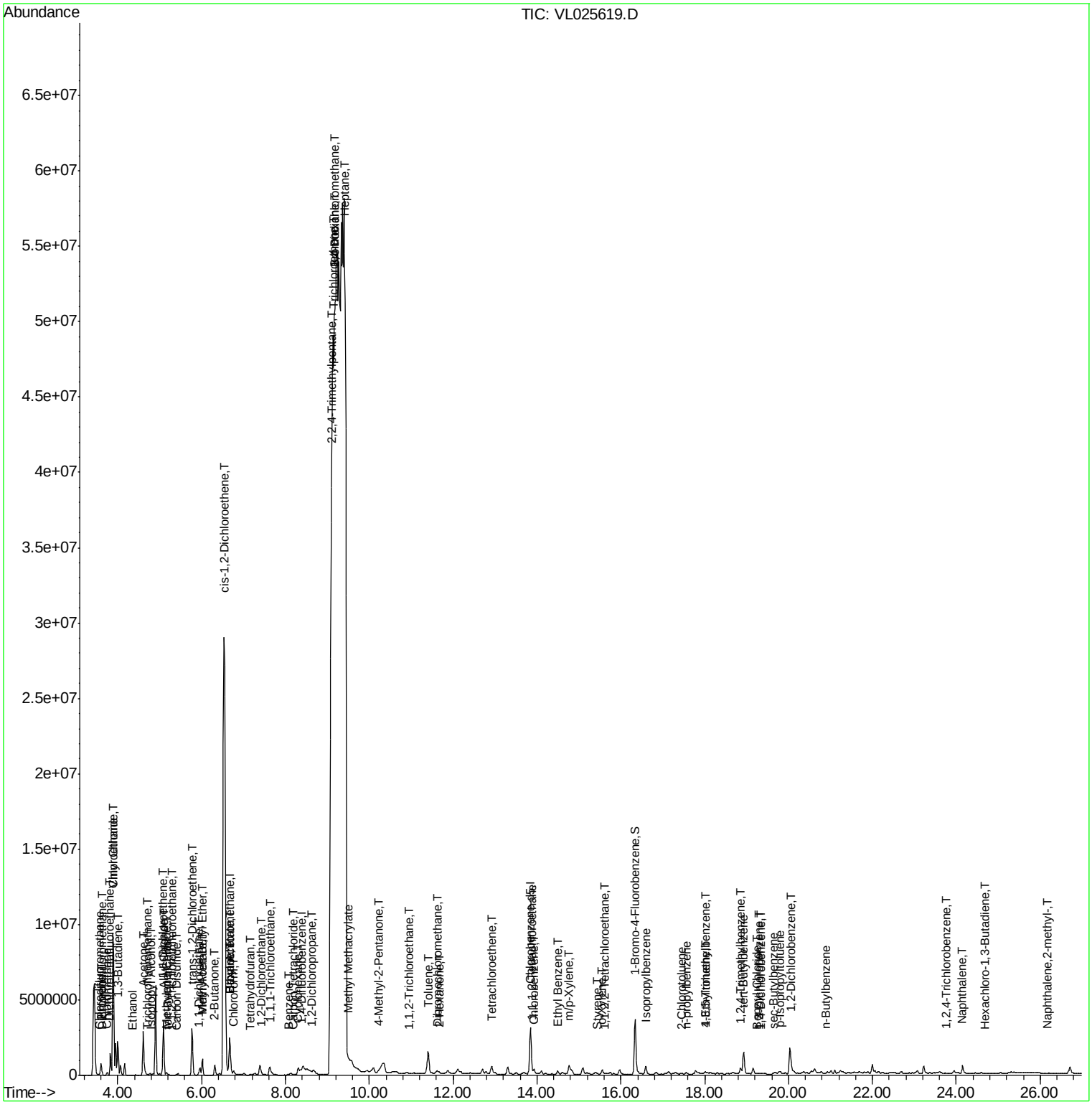
(#) = qualifier out of range (m) = manual integration (+) = signals summed

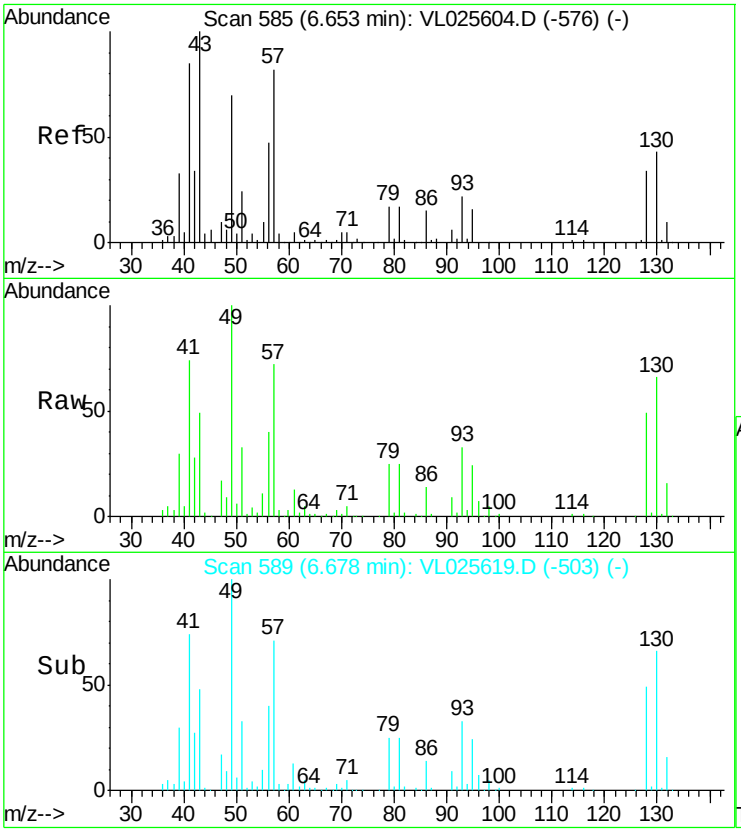
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025619.D
Acq On : 7 Jul 2015 22:40
Operator : SY/MD
Sample : G2872-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Quant Time: Jul 08 06:55:48 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



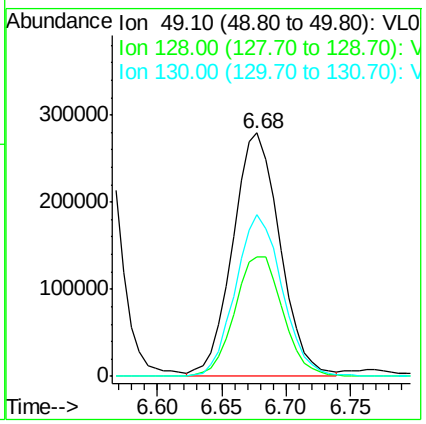


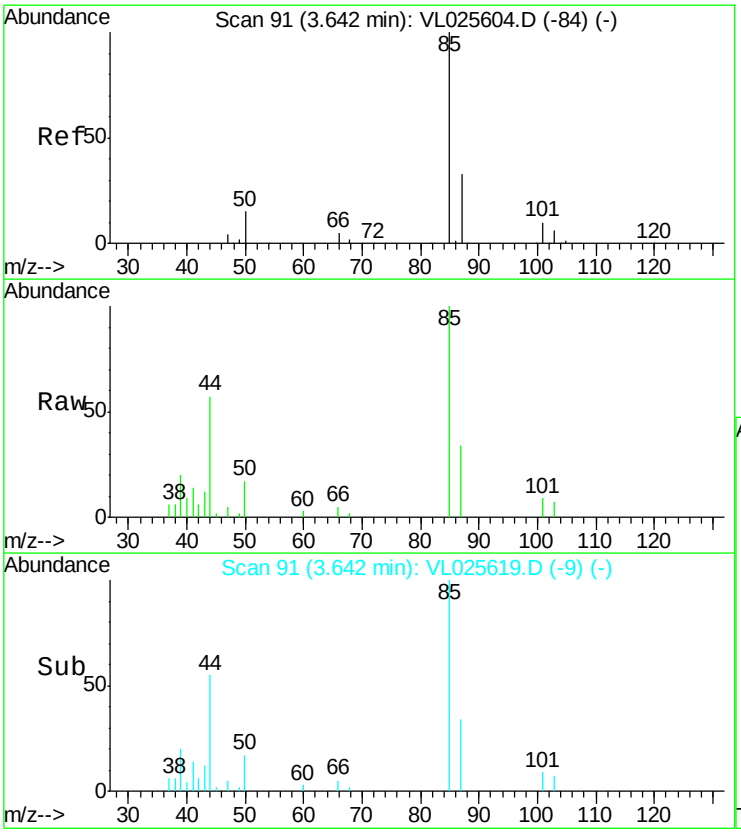
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.68 min Scan# 589
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 49 Resp: 710174

Ion	Ratio	Lower	Upper
49	100		
128	50.4	25.4	76.0
130	66.1	31.9	95.9

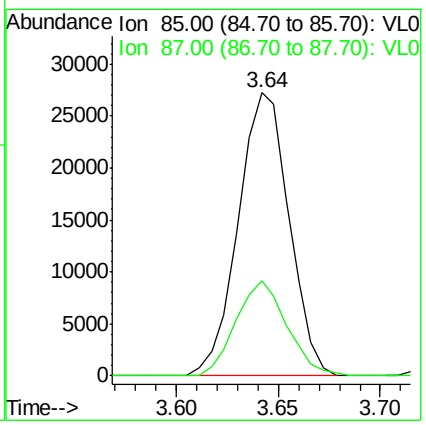


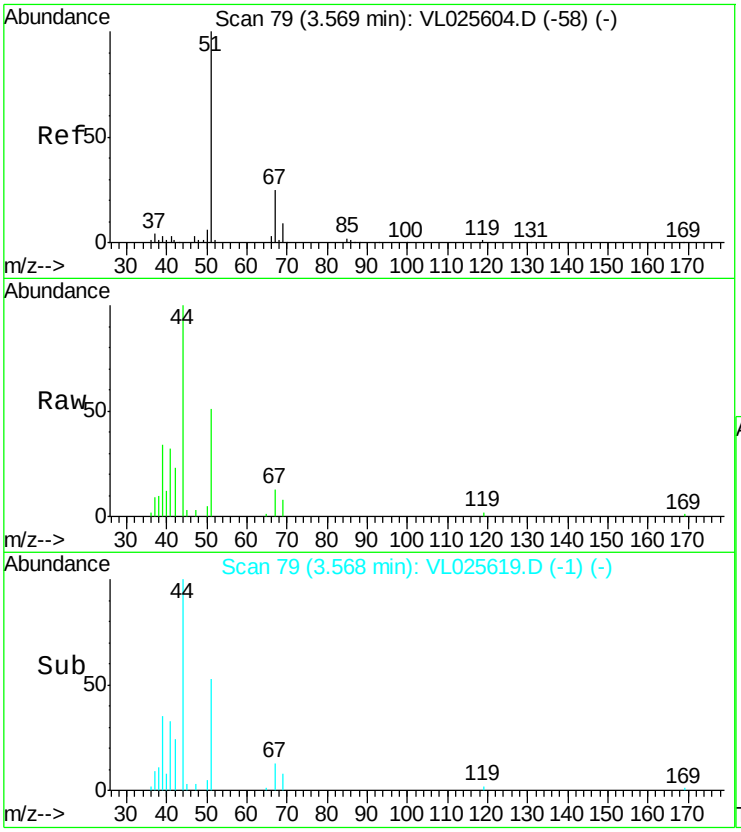


#2
Dichlorodifluoromethane
Concen: 0.26 ppbv
RT: 3.64 min Scan# 91
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 85 Resp: 47096

Ion	Ratio	Lower	Upper
85	100		
87	33.5	26.5	39.7



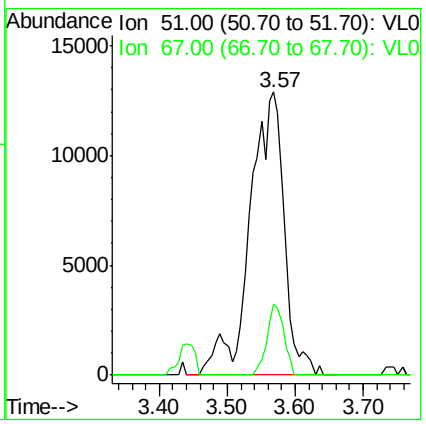


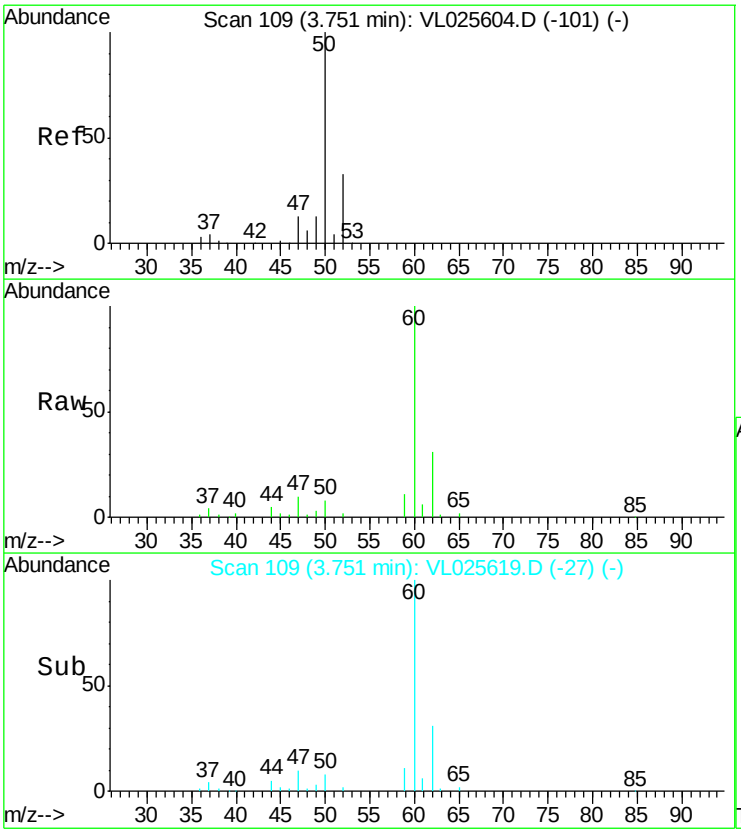
#3
Chlorodifluoromethane
Concen: 0.45 ppbv
RT: 3.57 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 51 Resp: 45184

Ion	Ratio	Lower	Upper
51	100		
67	12.5	19.5	29.3#

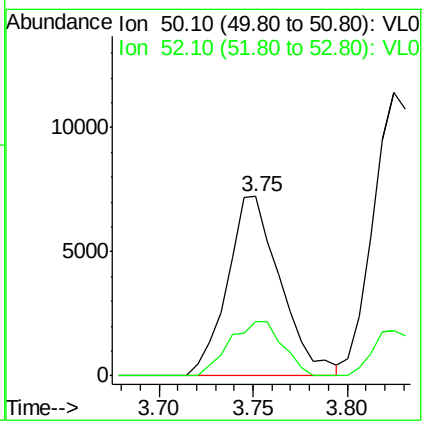


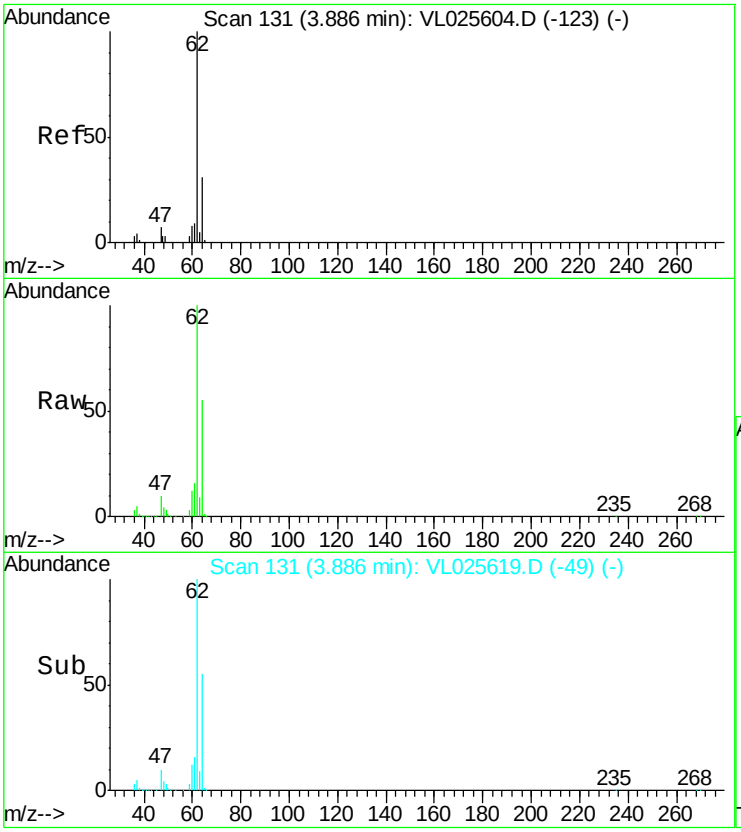


#4
Chloromethane
Concen: 0.31 ppbv
RT: 3.75 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 50 Resp: 14143

Ion	Ratio	Lower	Upper
50	100		
52	30.5	26.2	39.2



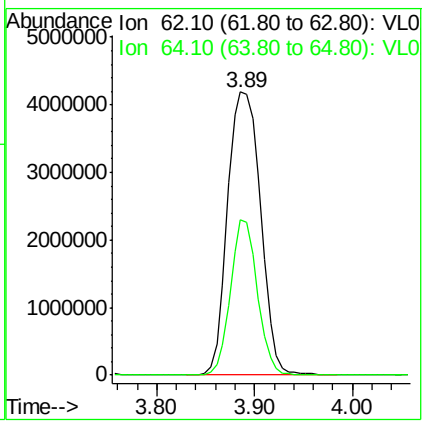


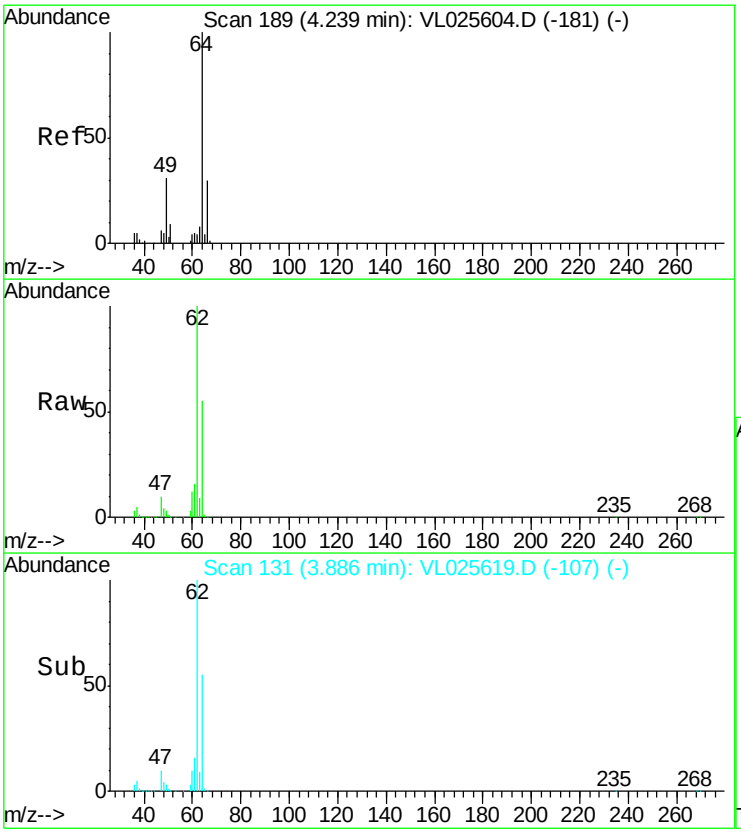
#5
Vinyl Chloride
Concen: 199.25 ppbv
RT: 3.89 min Scan# 131
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 62 Resp: 9823262

Ion	Ratio	Lower	Upper
62	100		
64	54.8	25.0	37.6#

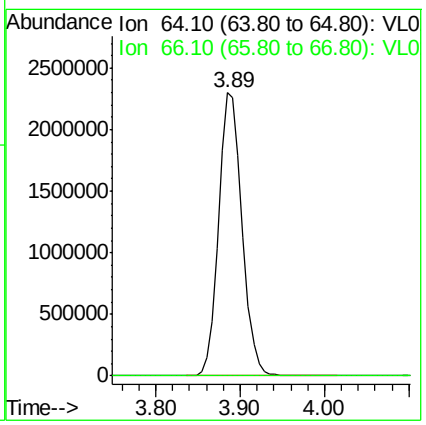


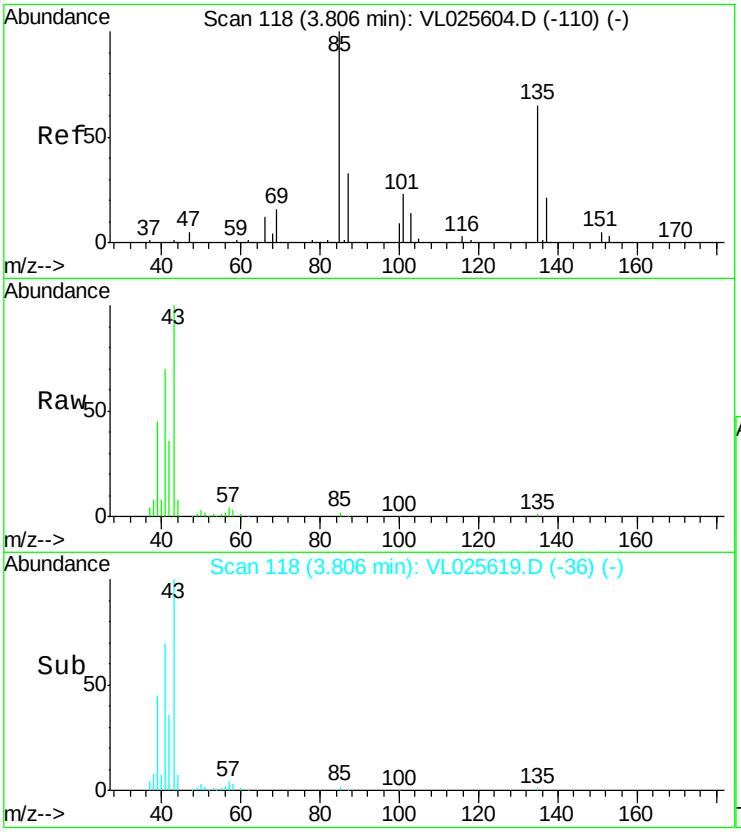


#7
Chloroethane
Concen: 191.28 ppbv
RT: 3.89 min Scan# 131
Delta R.T. -0.35 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 64 Resp: 4390083

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.8#



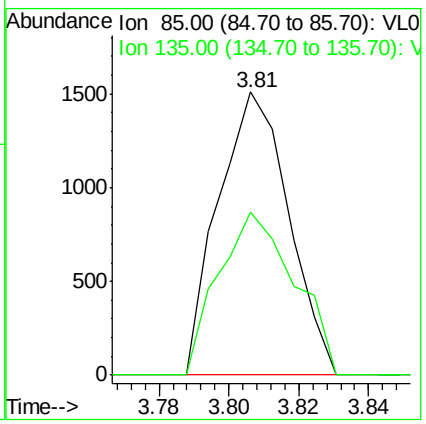


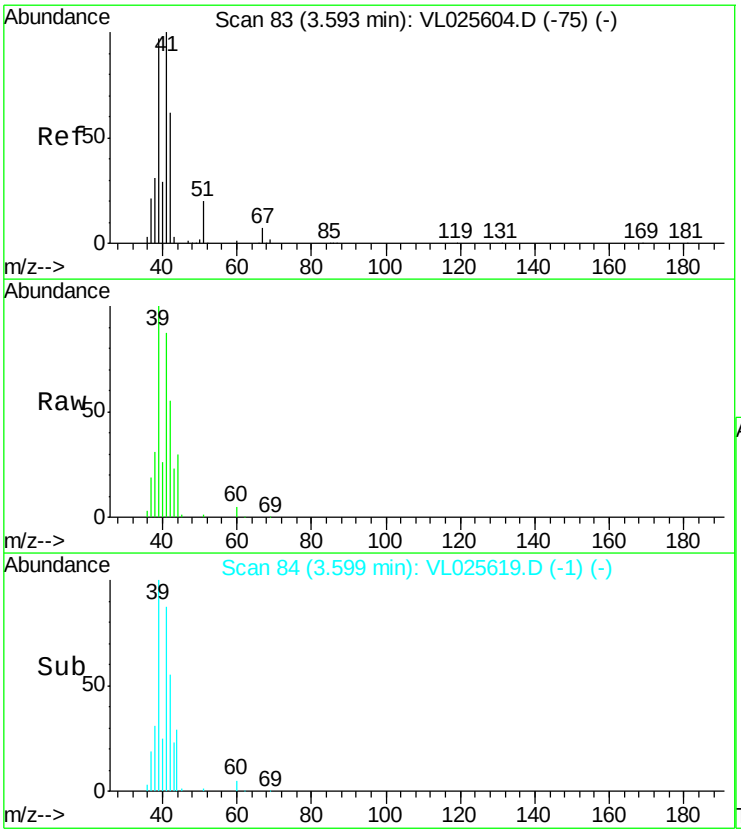
#8
Dichlorotetrafluoroethane
Concen: 0.01 ppbv
RT: 3.81 min Scan# 118
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 85 Resp: 2103

Ion	Ratio	Lower	Upper
85	100		
135	62.3	52.2	78.4

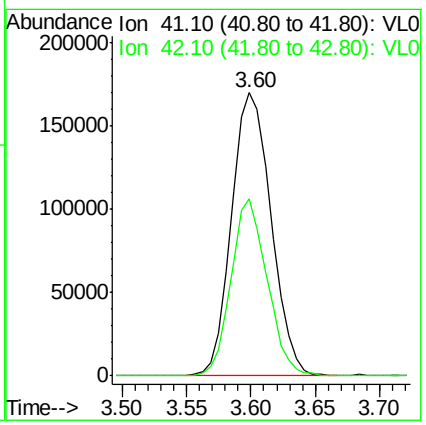


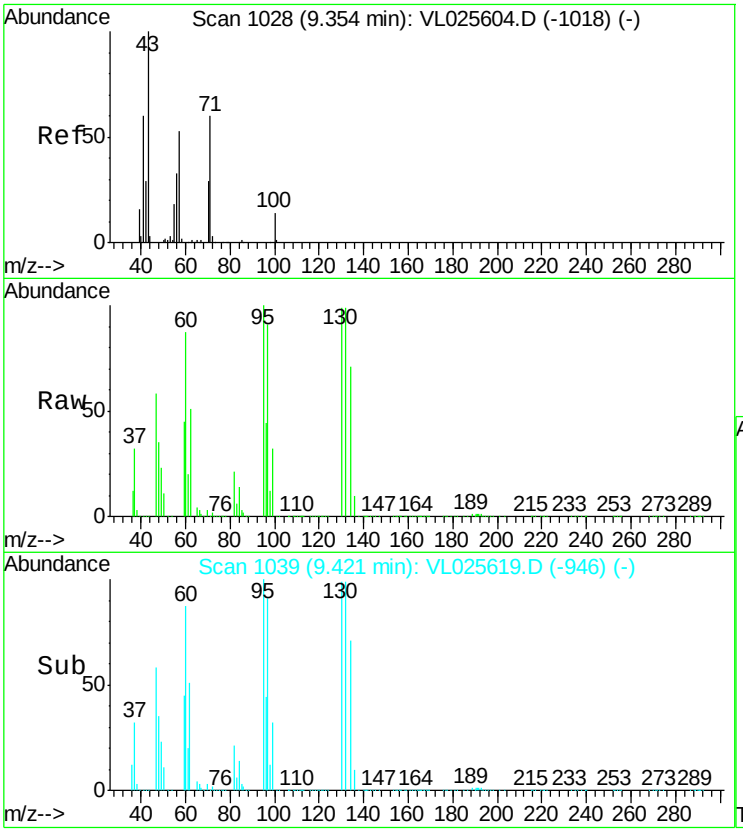


#9
Propene
Concen: 10.90 ppbv
RT: 3.60 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 41 Resp: 362300

Ion	Ratio	Lower	Upper
41	100		
42	57.1	52.4	78.6



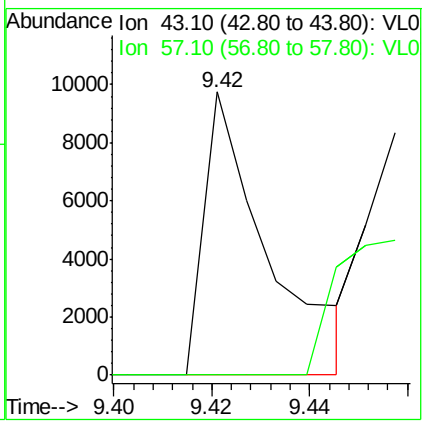


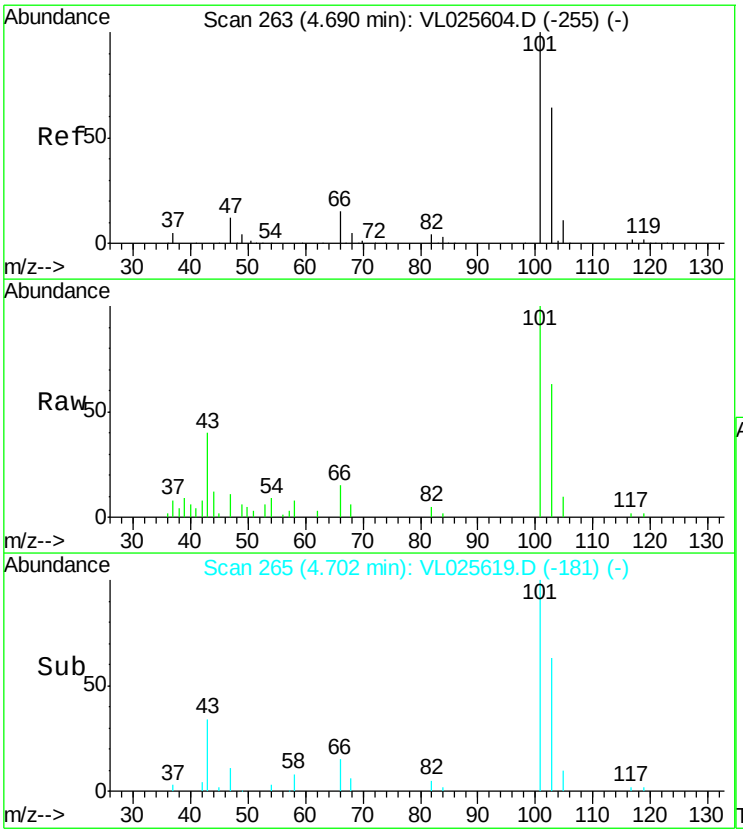
#10
Heptane
Concen: 0.07 ppbv
RT: 9.42 min Scan# 1039
Delta R.T. 0.07 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 43 Resp: 8709

Ion	Ratio	Lower	Upper
43	100		
57	0.0	42.6	64.0#

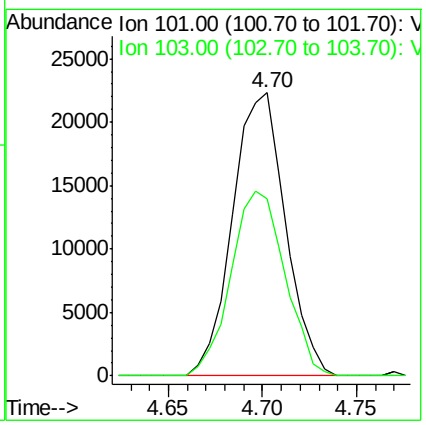


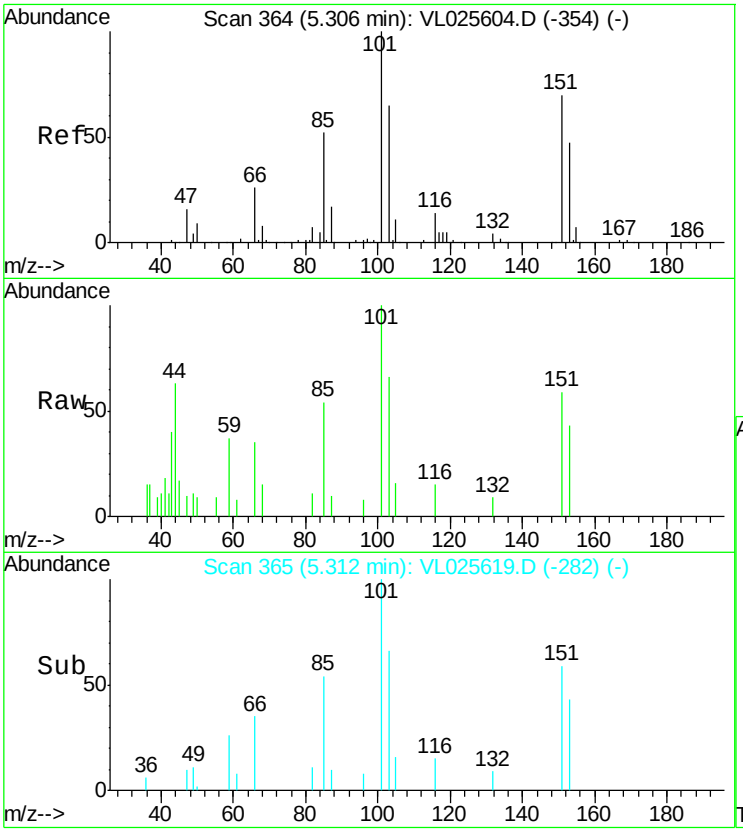


#11
Trichlorofluoromethane
Concen: 0.18 ppbv
RT: 4.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:101 Resp: 43396

Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.4	77.2



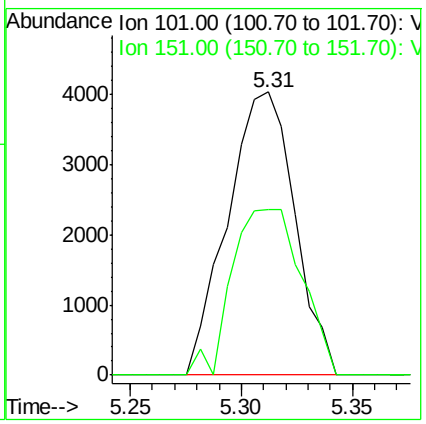


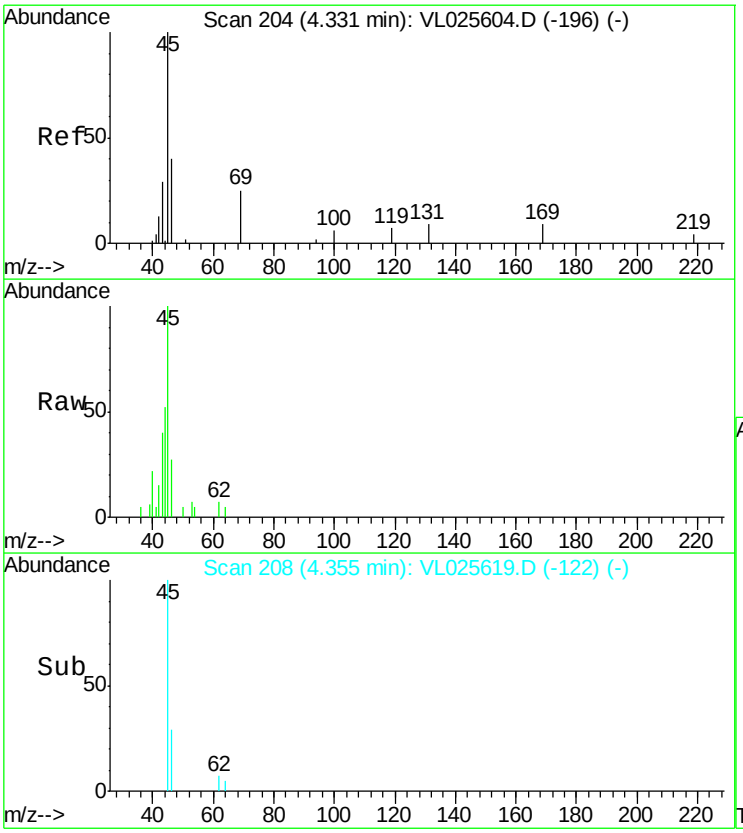
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.06 ppbv
RT: 5.31 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:101 Resp: 8454

Ion	Ratio	Lower	Upper
101	100		
151	61.2	56.3	84.5

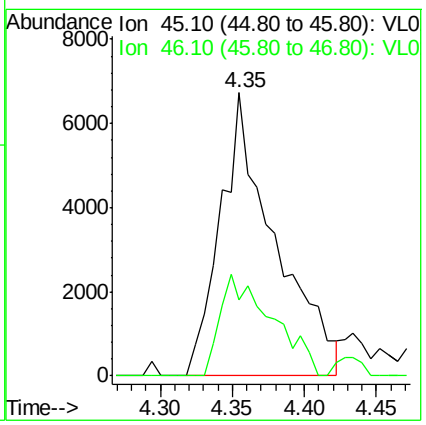


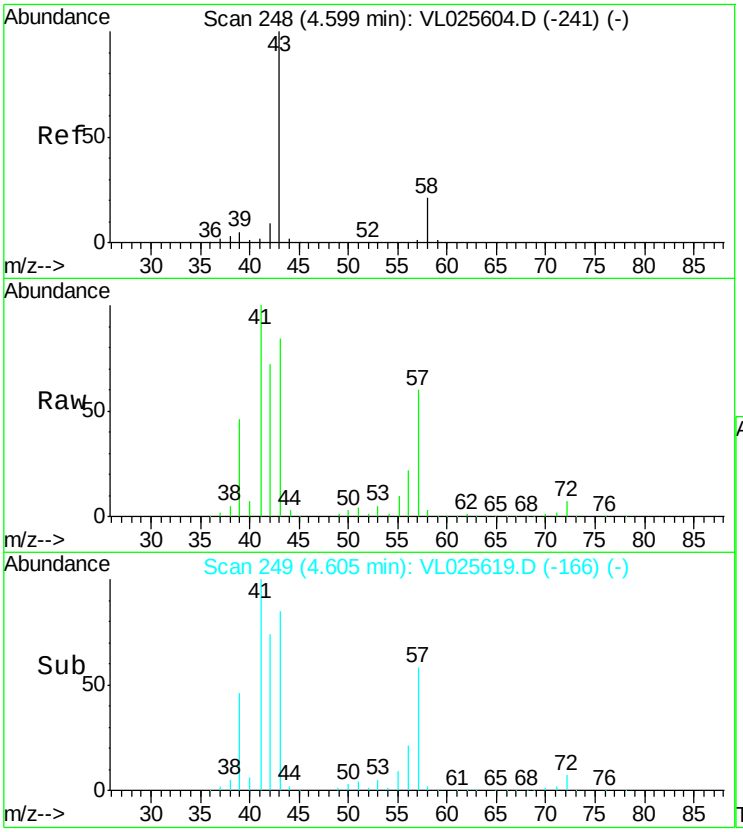


#13
Ethanol
Concen: 3.43 ppbv
RT: 4.35 min Scan# 208
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 45 Resp: 17756

Ion	Ratio	Lower	Upper
45	100		
46	37.4	16.0	64.0



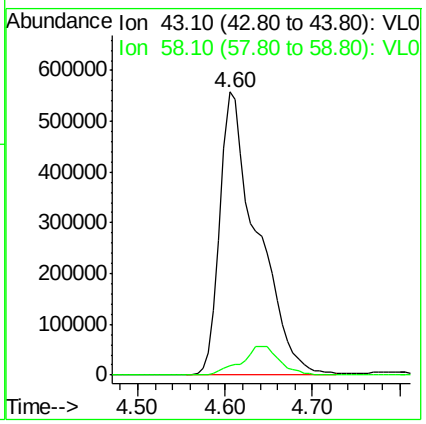


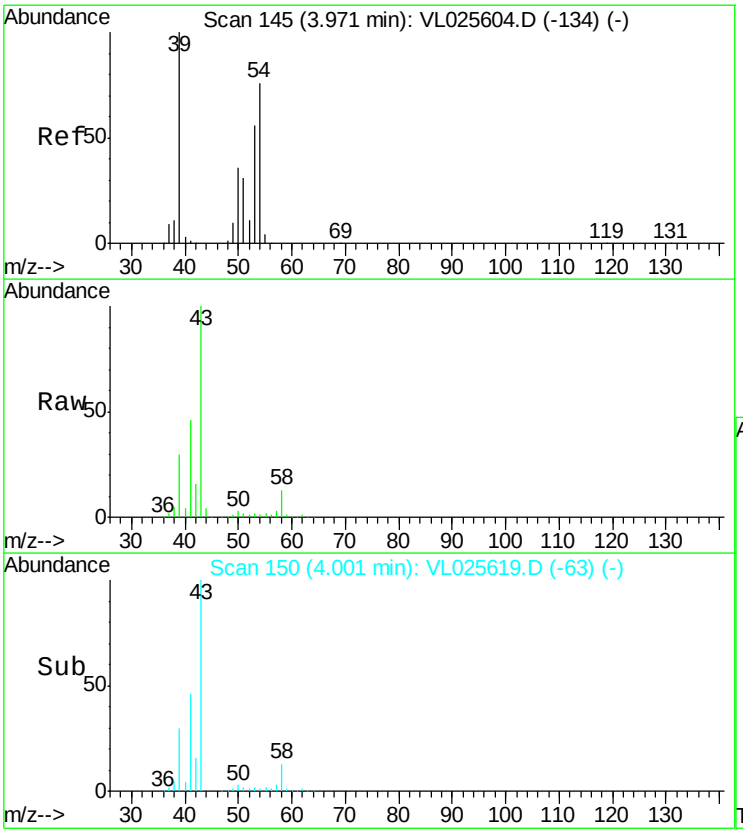
#15
Acetone
Concen: 13.21 ppbv
RT: 4.60 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 43 Resp: 1656687

Ion	Ratio	Lower	Upper
43	100		
58	10.8	17.2	25.8#

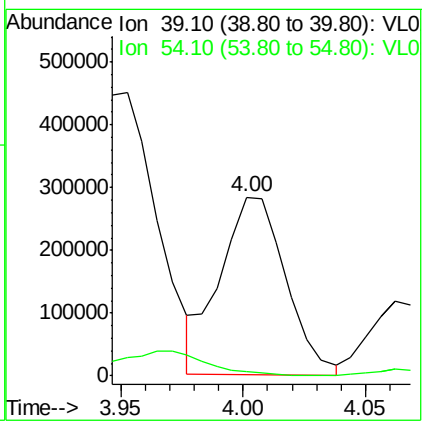


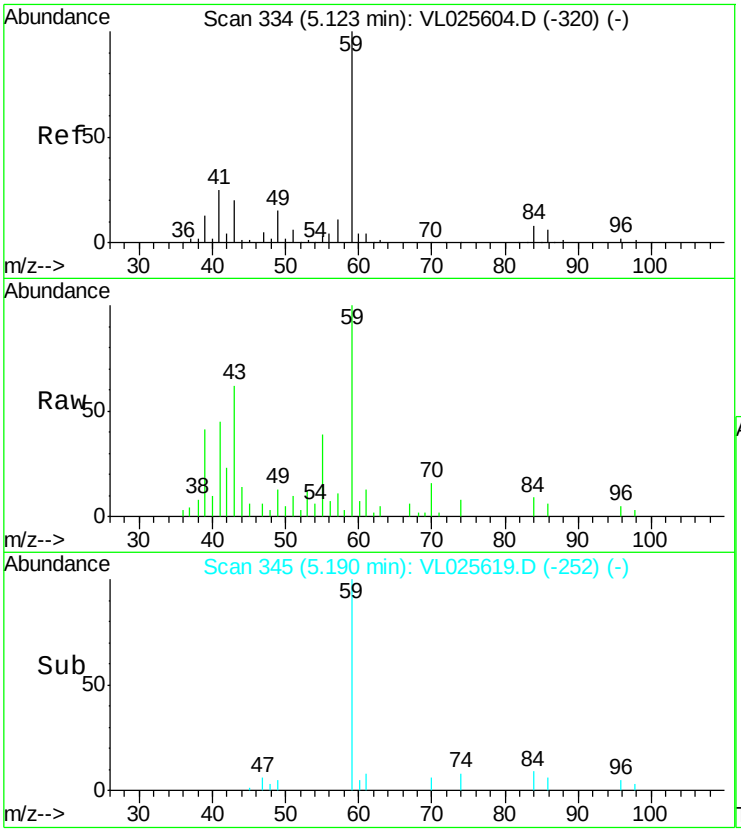


#16
1,3-Butadiene
Concen: 10.56 ppbv
RT: 4.00 min Scan# 150
Delta R.T. 0.03 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 39 Resp: 527356

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.3	88.9#



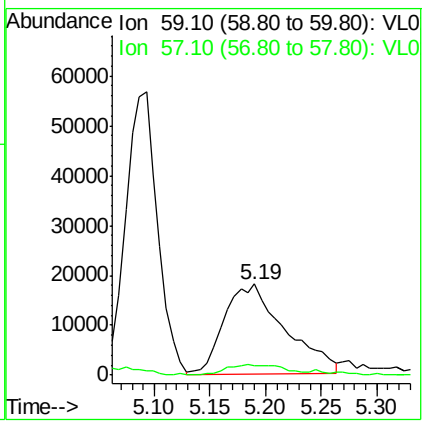


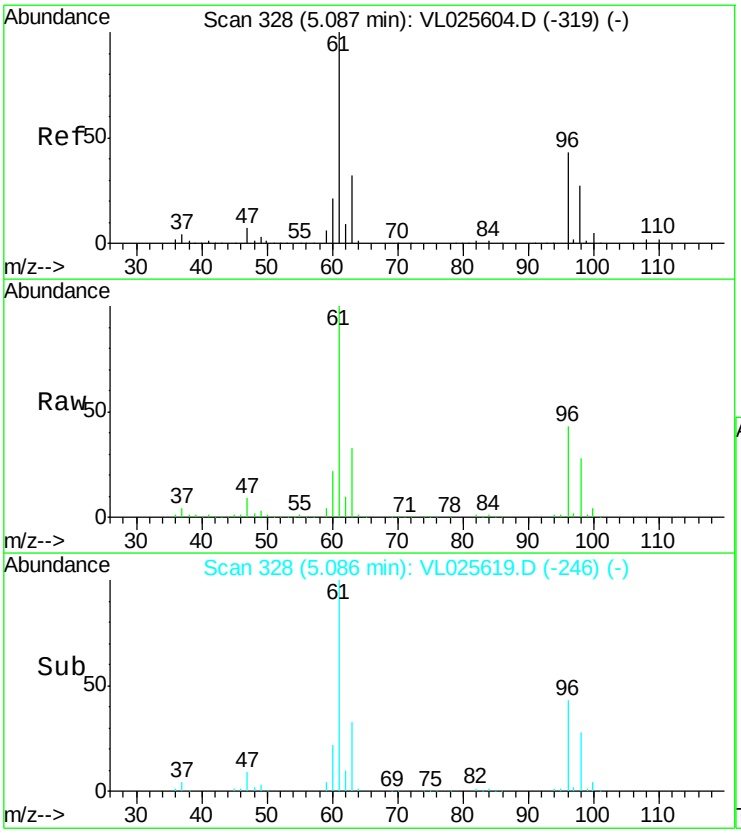
#17
tert-Butyl alcohol
Concen: 0.65 ppbv
RT: 5.19 min Scan# 345
Delta R.T. 0.07 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 59 Resp: 68752

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.4	14.2#

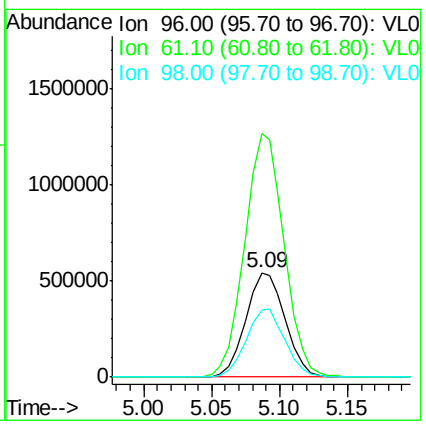


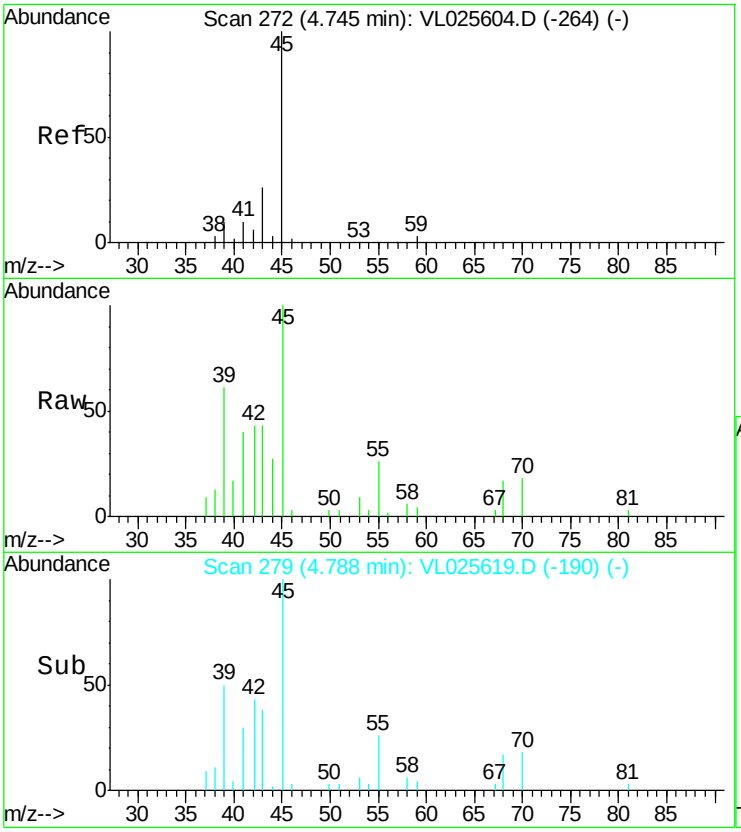


#18
1,1-Dichloroethene
Concen: 20.96 ppbv
RT: 5.09 min Scan# 328
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 96 Resp: 1098109

Ion	Ratio	Lower	Upper
96	100		
61	233.0	184.1	276.1
98	64.4	50.0	75.0



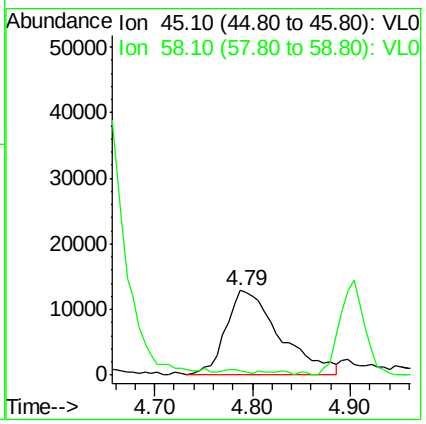


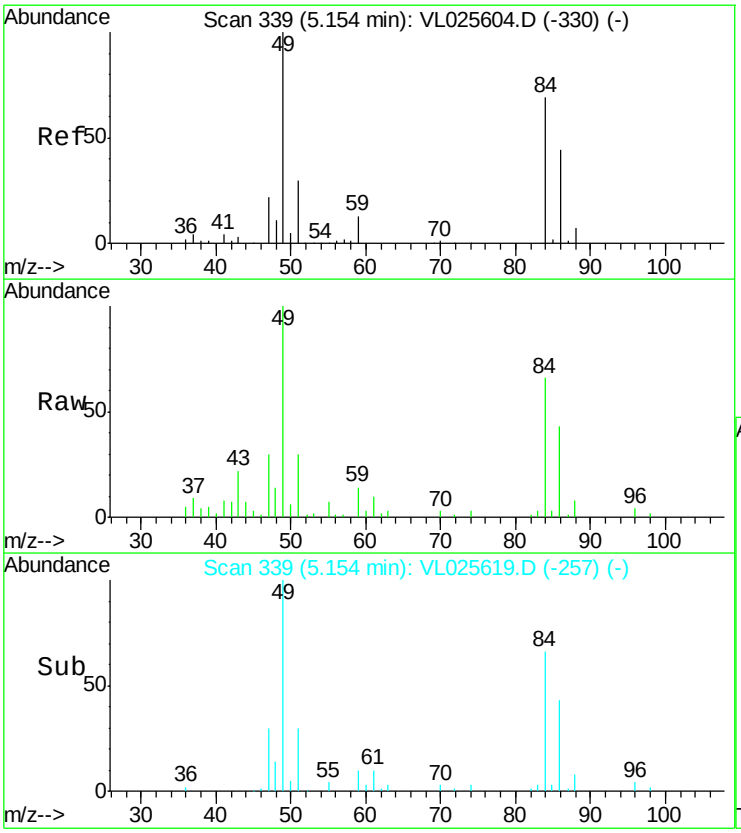
#19
Isopropyl Alcohol
Concen: 0.99 ppbv
RT: 4.79 min Scan# 279
Delta R.T. 0.04 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 45 Resp: 49740

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.1	1.7#

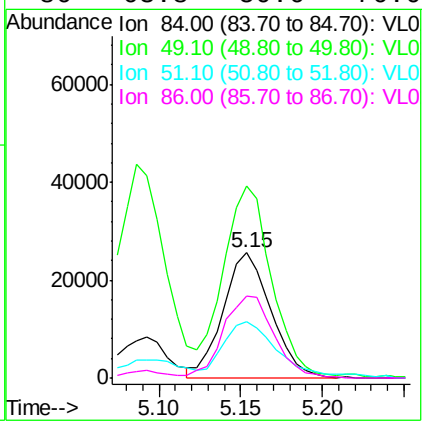


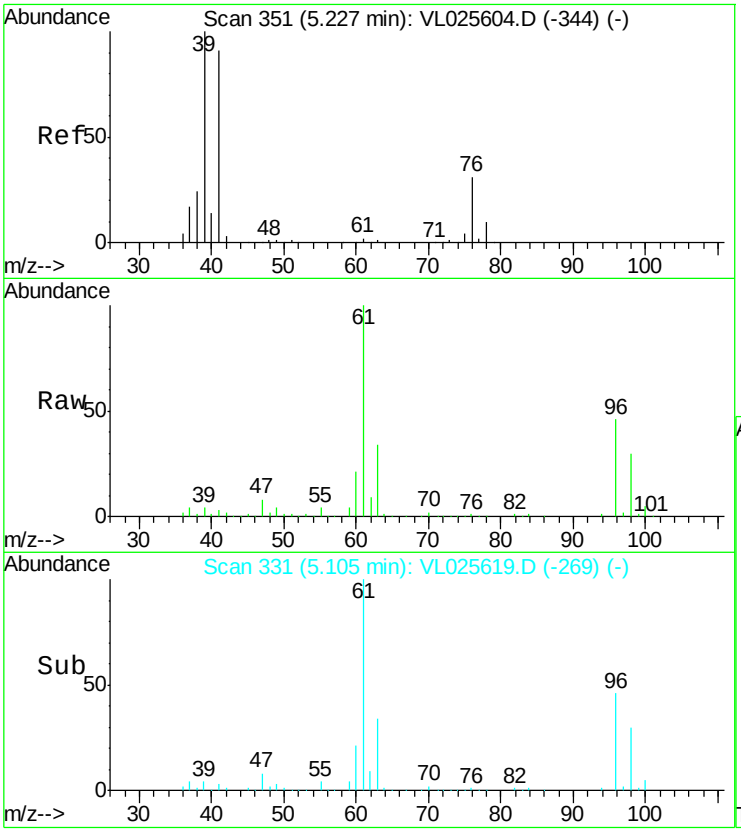


#20
Methylene Chloride
Concen: 1.03 ppbv
RT: 5.15 min Scan# 339
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 84 Resp: 52455

Ion	Ratio	Lower	Upper
84	100		
49	150.4	115.2	172.8
51	42.0	35.0	52.6
86	63.8	50.6	76.0



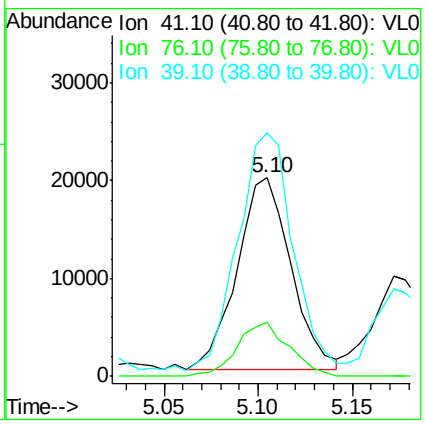


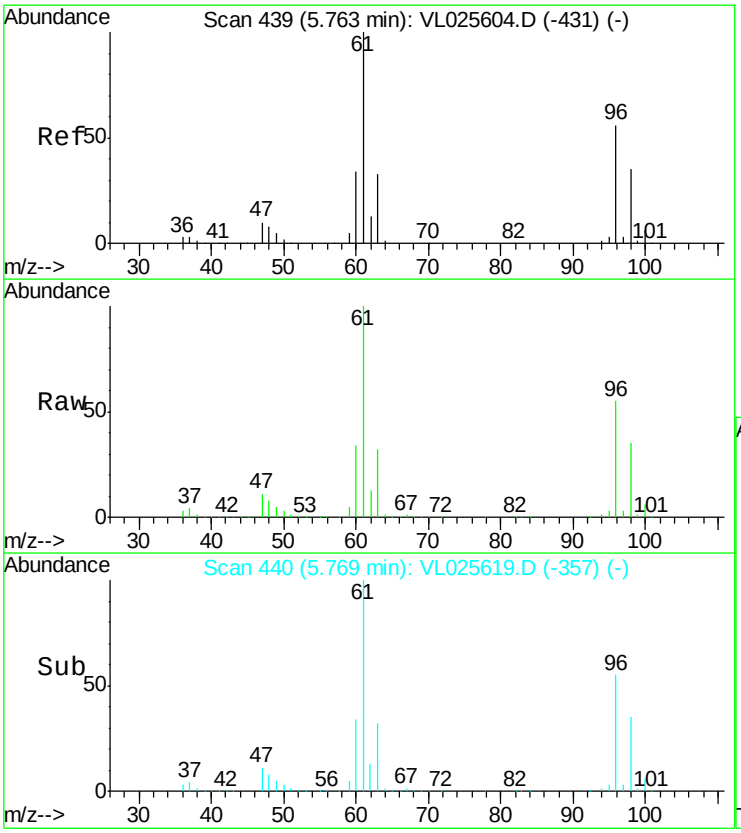
#21
Allyl Chloride
Concen: 0.50 ppbv
RT: 5.10 min Scan# 331
Delta R.T. -0.12 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 41 Resp: 39078

Ion	Ratio	Lower	Upper
41	100		
76	26.9	26.6	40.0
39	125.8	88.2	132.4

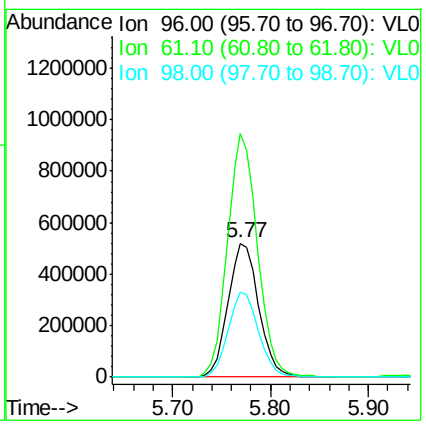


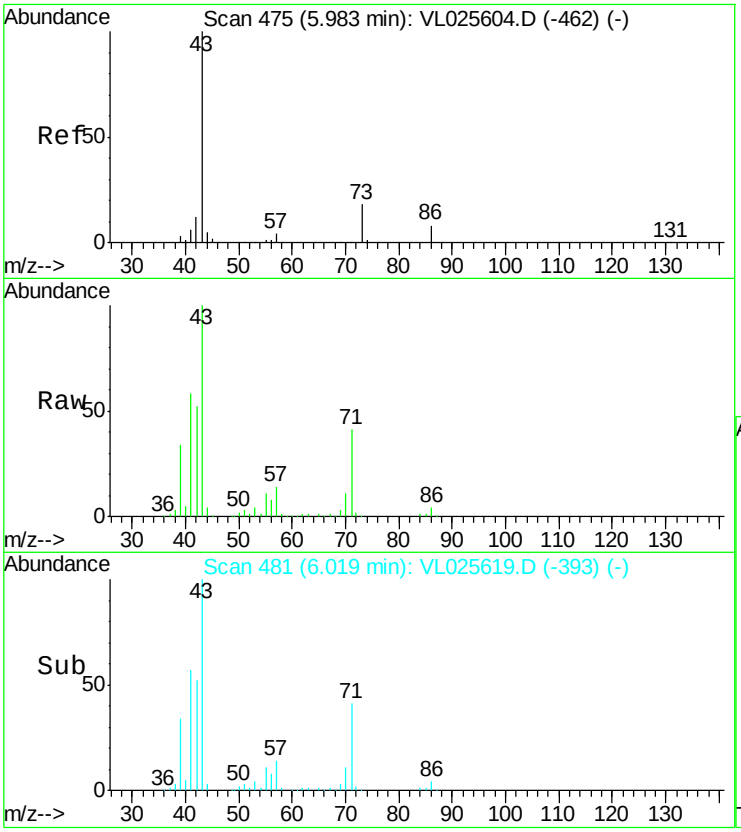


#22
trans-1,2-Dichloroethene
Concen: 21.06 ppbv
RT: 5.77 min Scan# 440
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 96 Resp: 1126308

Ion	Ratio	Lower	Upper
96	100		
61	181.6	141.8	212.6
98	63.0	49.0	73.6



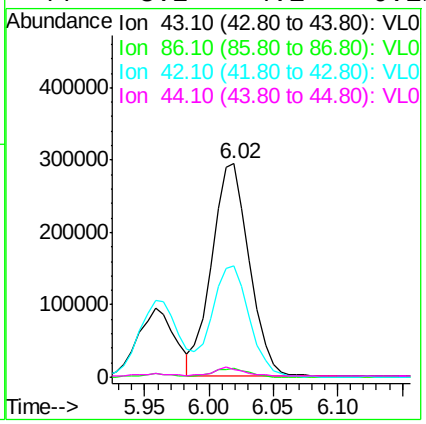


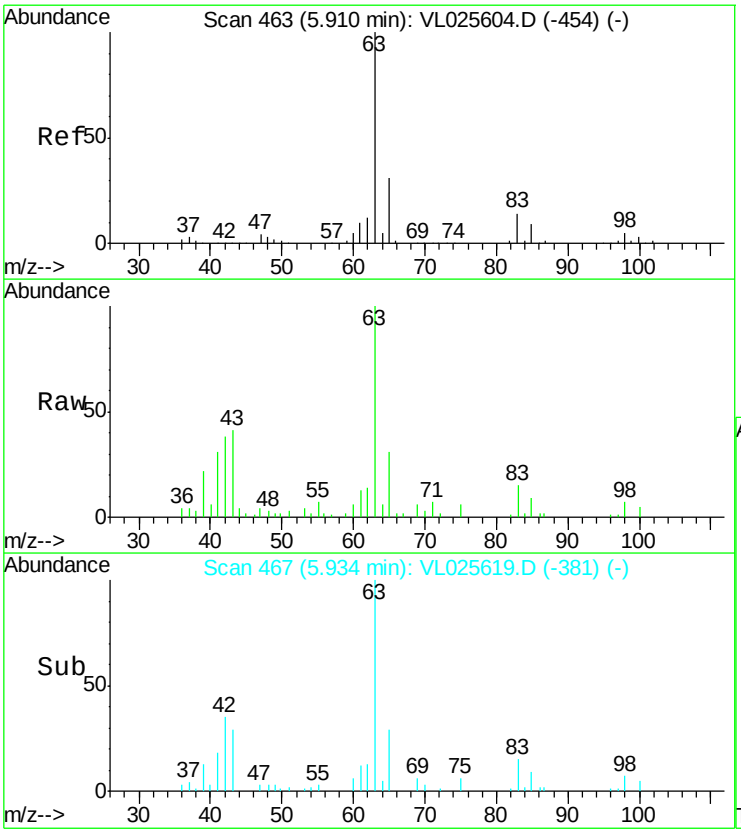
#23
Vinyl Acetate
Concen: 3.17 ppbv
RT: 6.02 min Scan# 481
Delta R.T. 0.04 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 43 Resp: 602606

Ion	Ratio	Lower	Upper
43	100		
86	4.3	6.7	10.1#
42	52.3	9.8	14.6#
44	3.2	4.1	6.1#

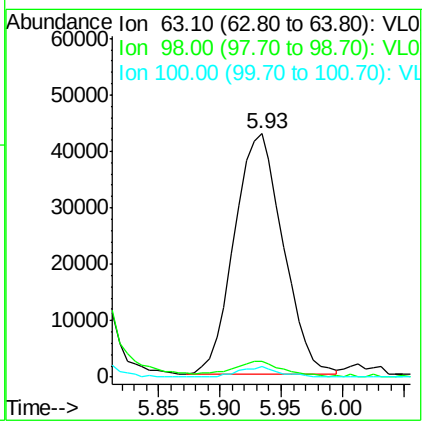


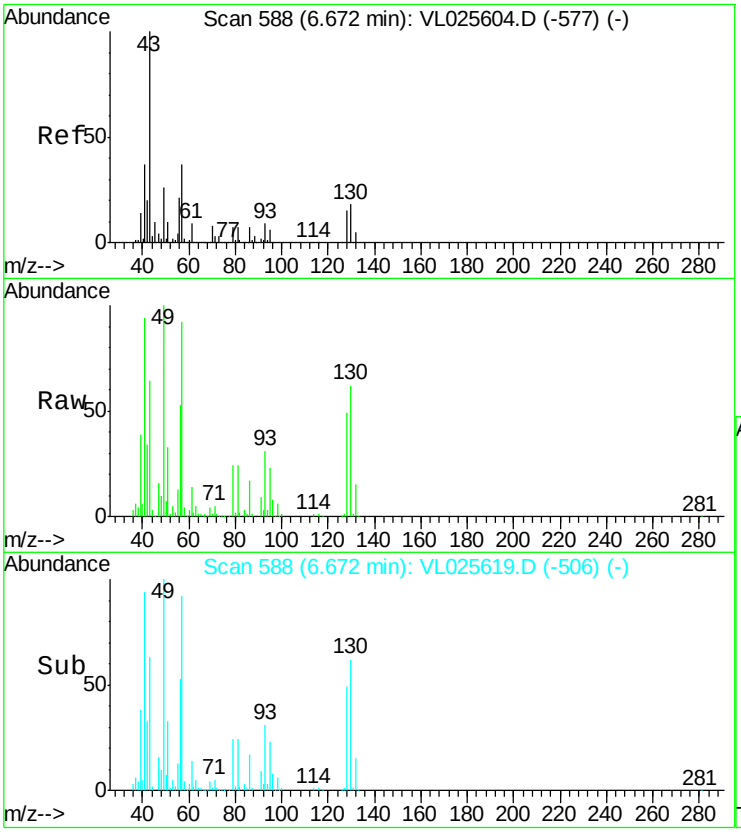


#24
1,1-Dichloroethane
Concen: 0.93 ppbv
RT: 5.93 min Scan# 467
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 63 Resp: 118527

Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.6	8.0
100	4.7	1.6	4.7#



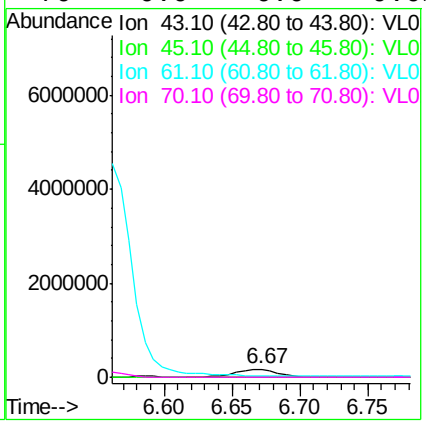


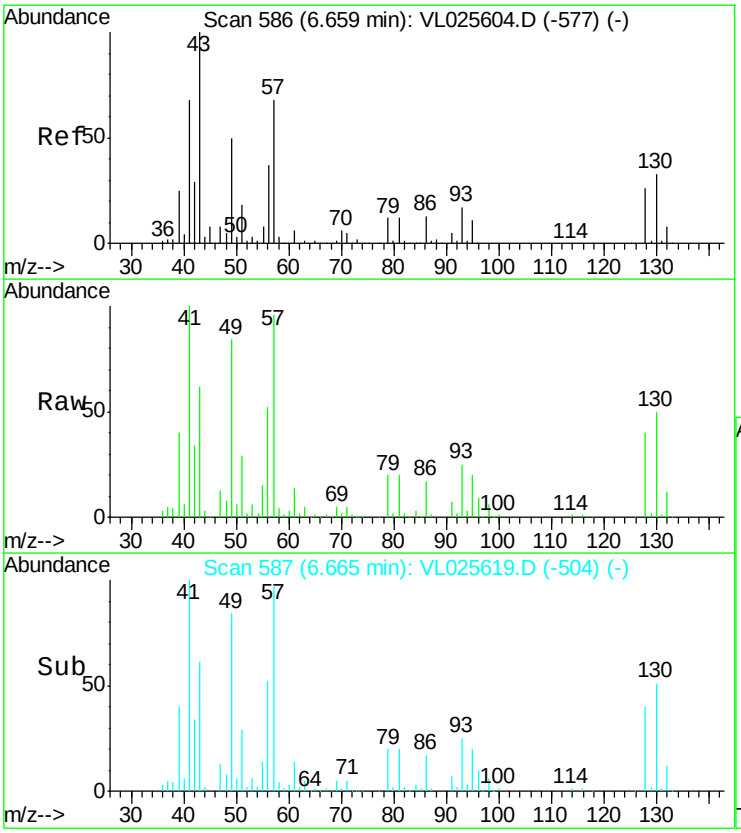
#25
Ethyl Acetate
Concen: 1.97 ppbv
RT: 6.67 min Scan# 588
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 43 Resp: 374064

Ion	Ratio	Lower	Upper
43	100		
45	0.4	7.5	11.3#
61	0.0	6.6	10.0#
70	0.0	6.0	9.0#

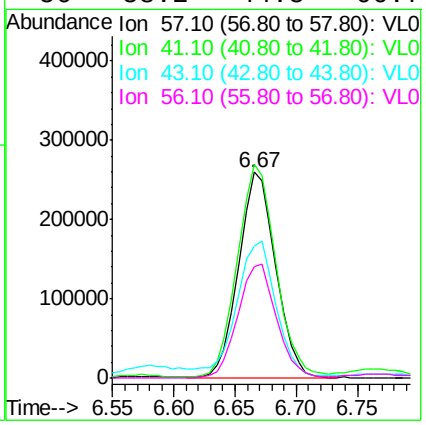


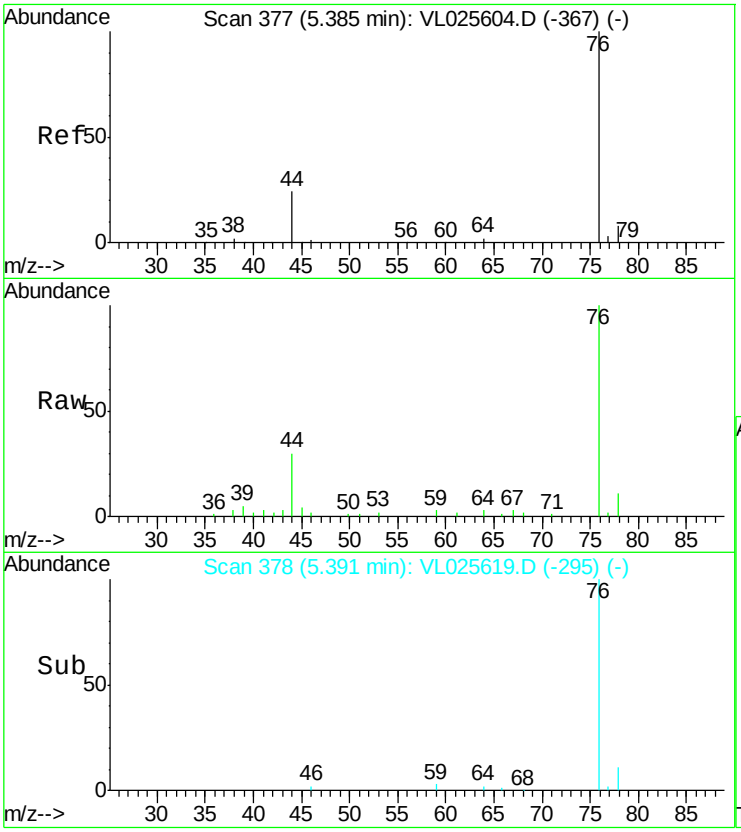


#26
Hexane
Concen: 6.09 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 57 Resp: 544596

Ion	Ratio	Lower	Upper
57	100		
41	107.7	81.4	122.2
43	77.2	171.4	257.2#
56	58.2	44.5	66.7



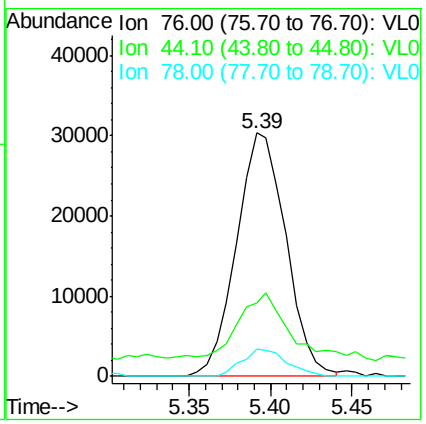


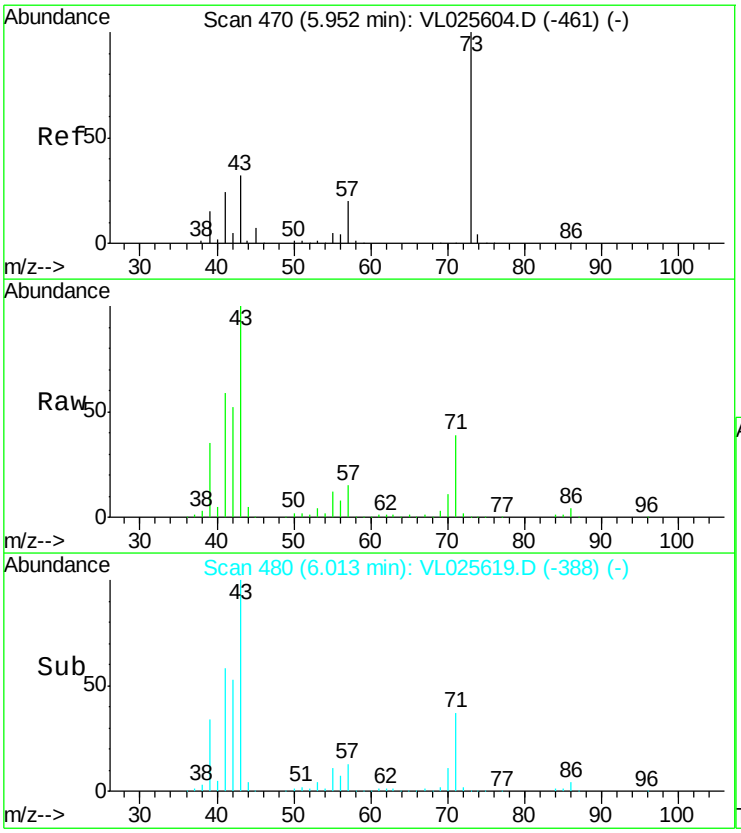
#27
Carbon Disulfide
Concen: 0.44 ppbv
RT: 5.39 min Scan# 378
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 76 Resp: 63838

Ion	Ratio	Lower	Upper
76	100		
44	32.0	20.2	30.4#
78	10.2	7.4	11.2

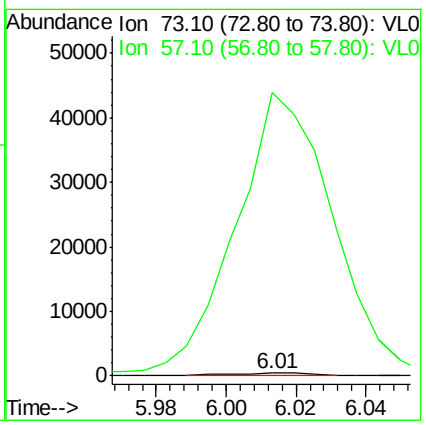


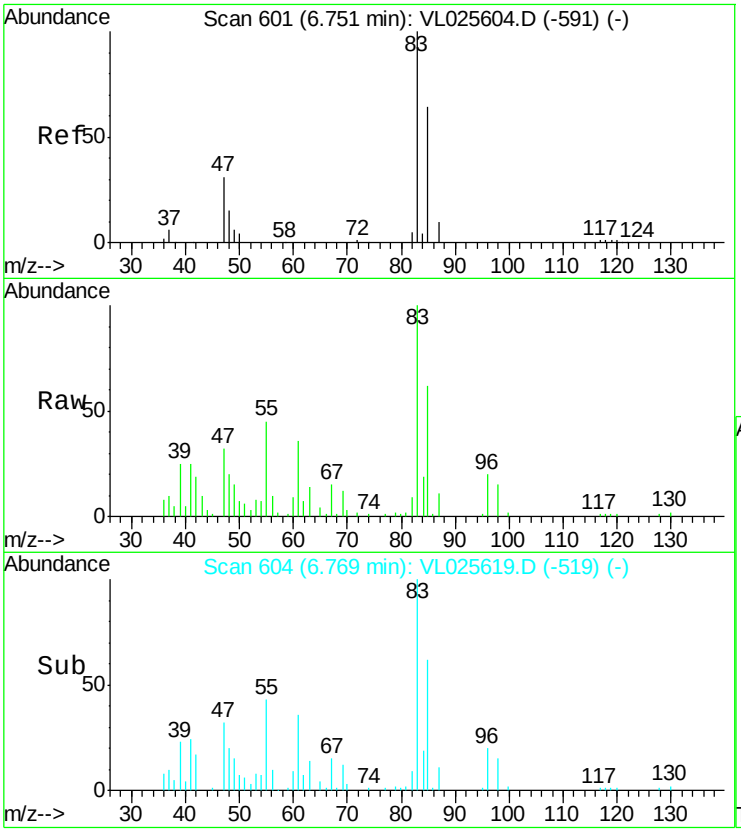


#28
Methyl tert-Butyl Ether
Concen: 0.00 ppbv
RT: 6.01 min Scan# 480
Delta R.T. 0.06 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 73 Resp: 803

Ion	Ratio	Lower	Upper
73	100		
57	10822.0	16.0	24.0#



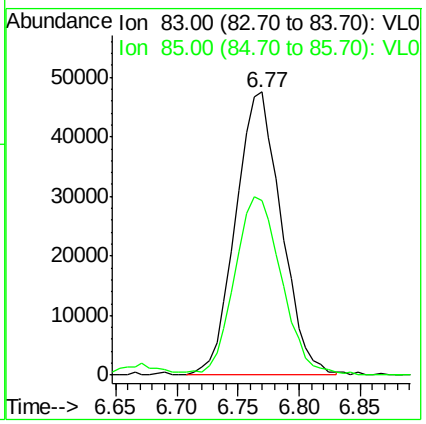


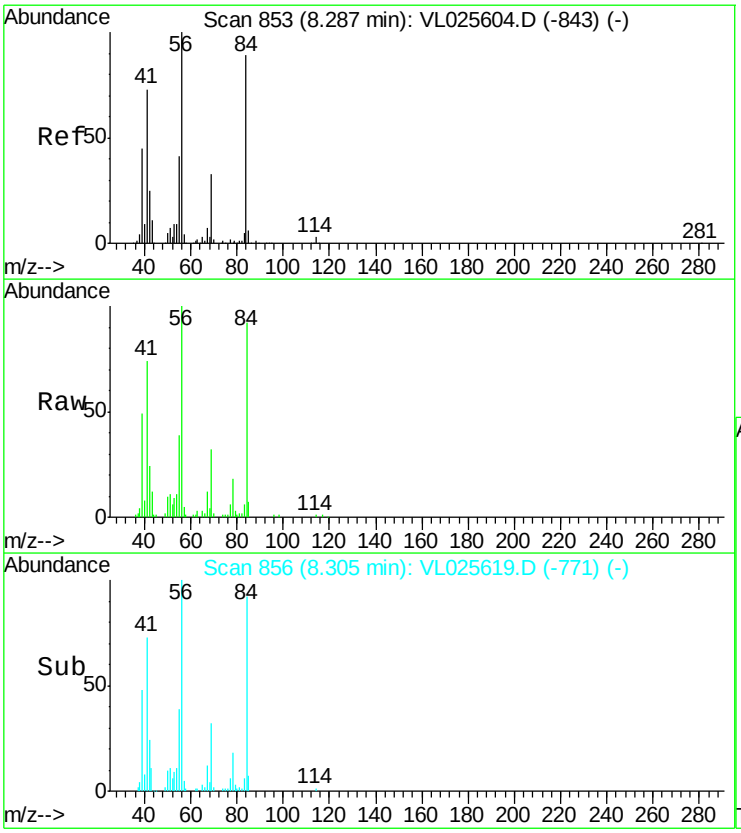
#29
Chloroform
Concen: 0.70 ppbv
RT: 6.77 min Scan# 604
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 83 Resp: 123701

Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.6	77.4

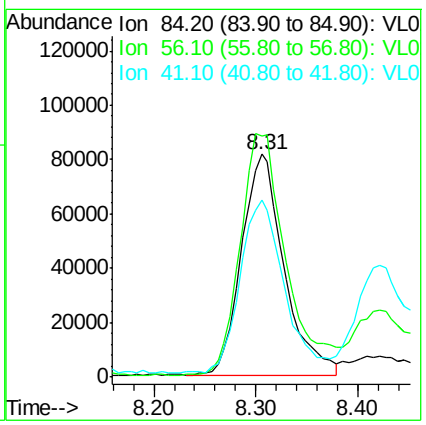


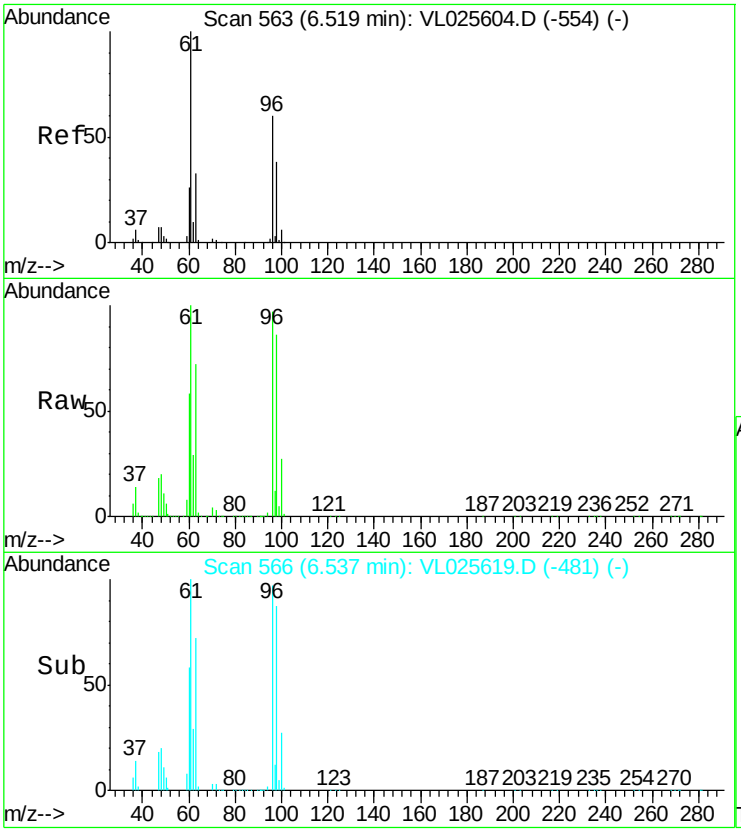


#30
Cyclohexane
Concen: 2.76 ppbv
RT: 8.31 min Scan# 856
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 84 Resp: 236209

Ion	Ratio	Lower	Upper
84	100		
56	120.0	97.5	146.3
41	81.1	65.4	98.2



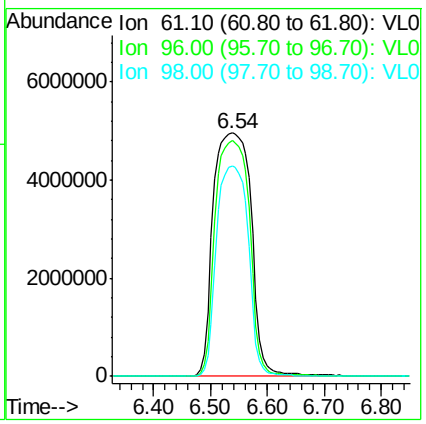


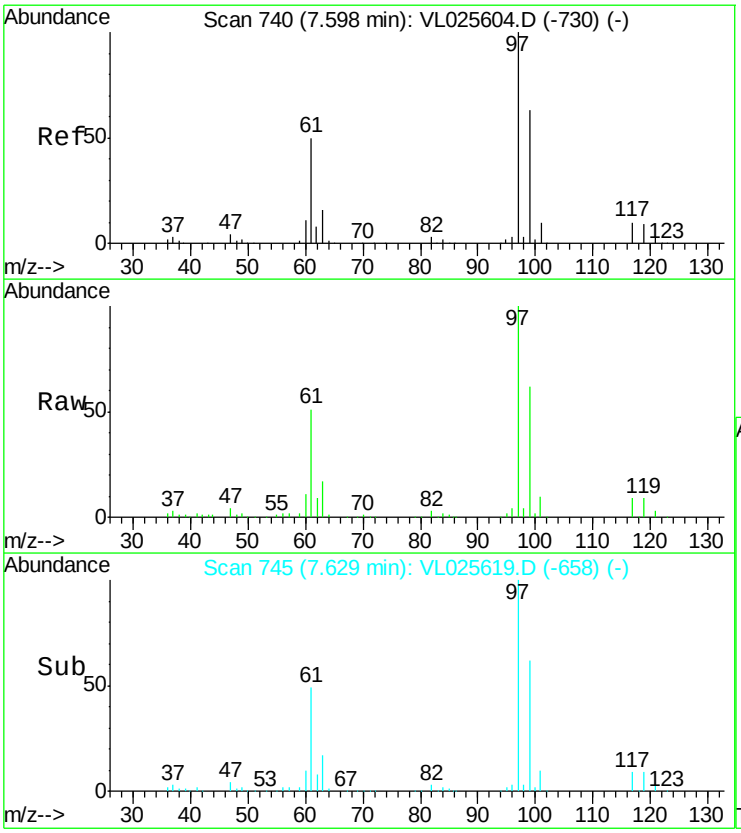
#31
cis-1,2-Dichloroethene
Concen: 259.25 ppbv
RT: 6.54 min Scan# 566
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 61 Resp:23030558

Ion	Ratio	Lower	Upper
61	100		
96	96.7	48.1	72.1#
98	86.5	30.7	46.1#

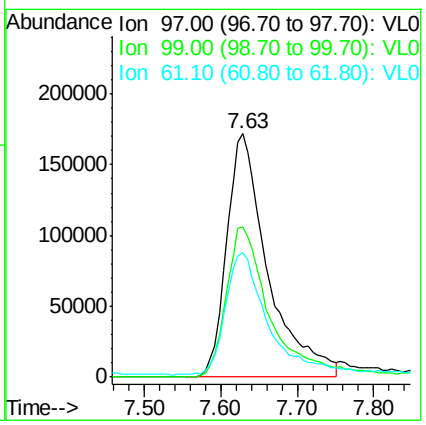


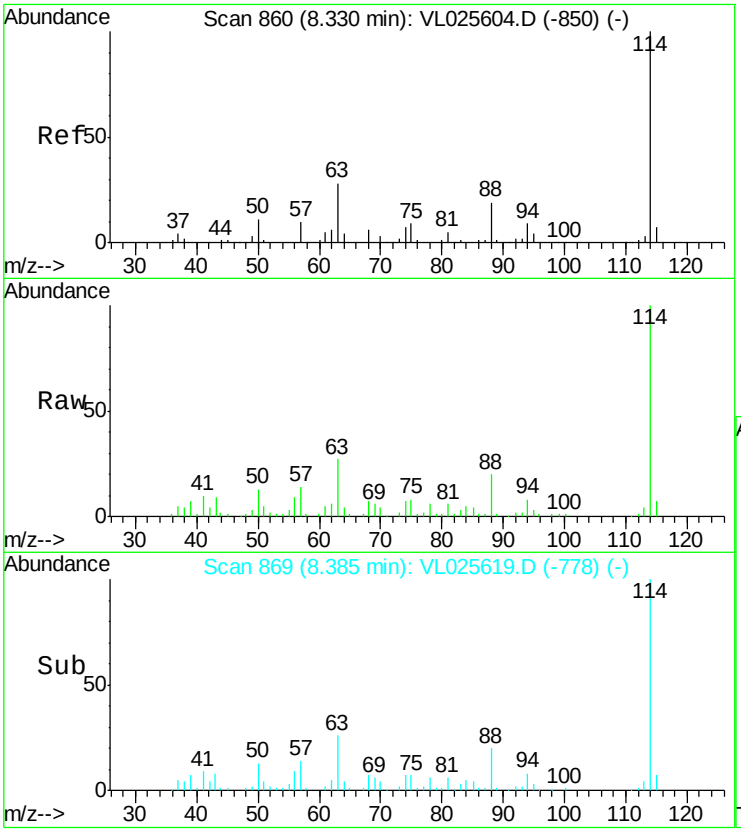


#32
1,1,1-Trichloroethane
Concen: 3.34 ppbv
RT: 7.63 min Scan# 745
Delta R.T. 0.03 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 97 Resp: 641173

Ion	Ratio	Lower	Upper
97	100		
99	69.1	51.2	76.8
61	54.2	40.4	60.6



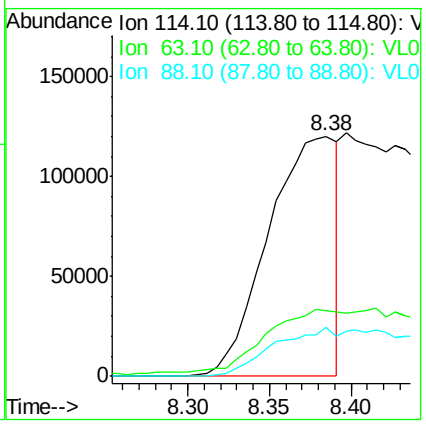


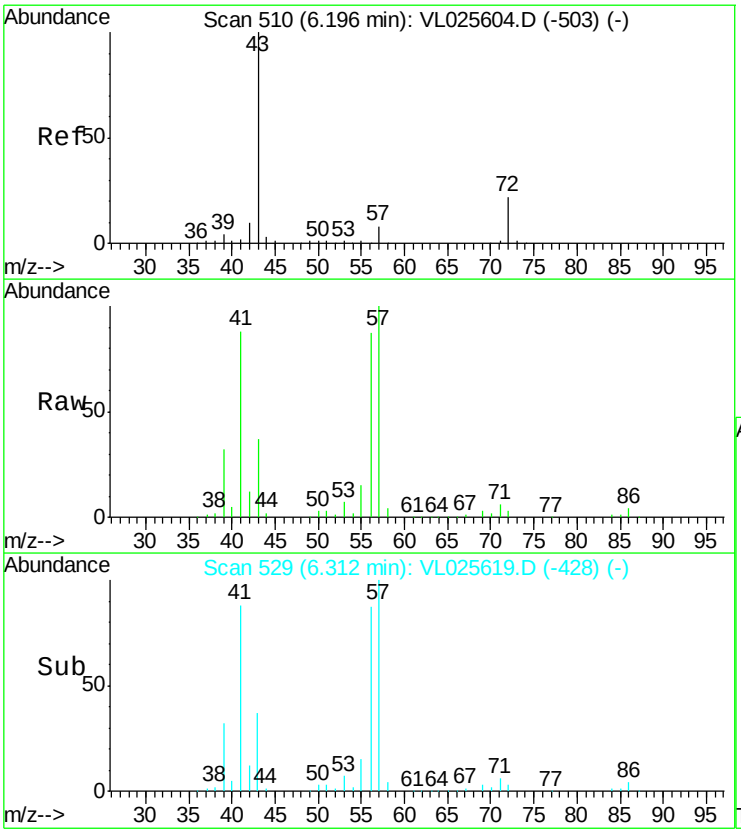
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.38 min Scan# 869
Delta R.T. 0.05 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:114 Resp: 349871

Ion	Ratio	Lower	Upper
114	100		
63	0.0	22.4	33.6#
88	70.1	15.0	22.4#

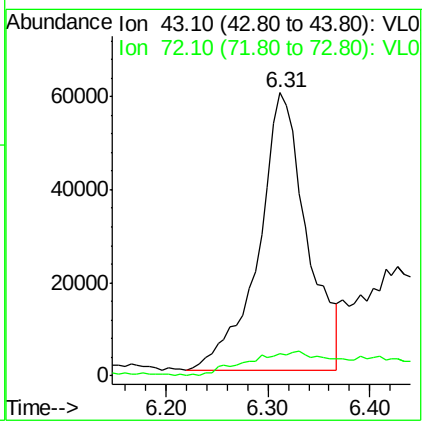


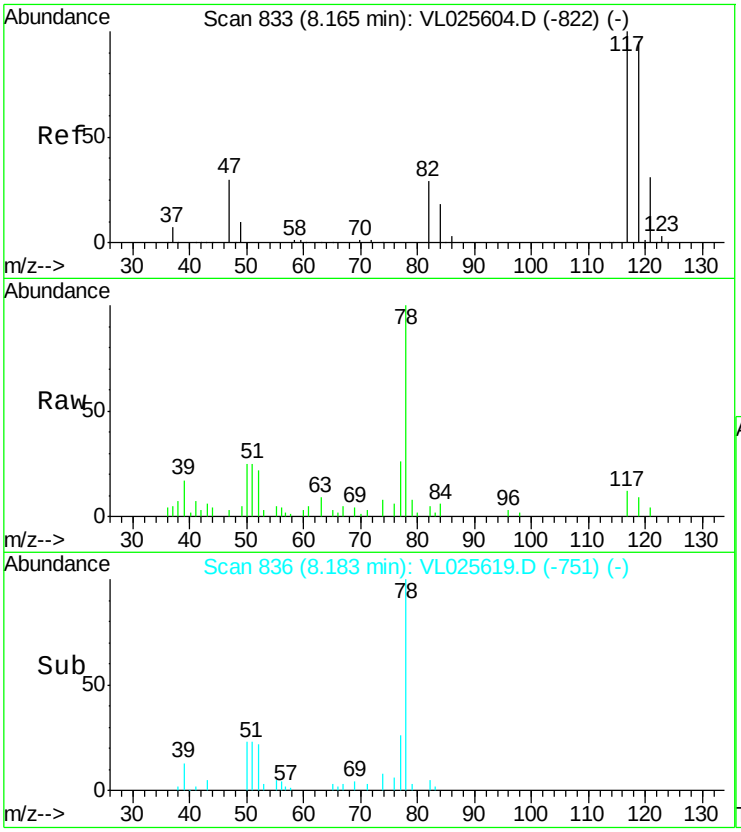


#34
2-Butanone
Concen: 9.83 ppbv
RT: 6.31 min Scan# 529
Delta R.T. 0.12 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 43 Resp: 195239

Ion	Ratio	Lower	Upper
43	100		
72	14.9	18.6	28.0#



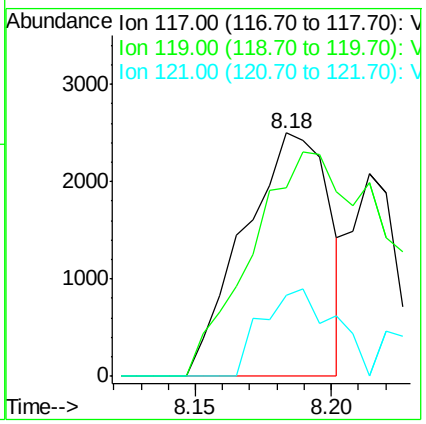


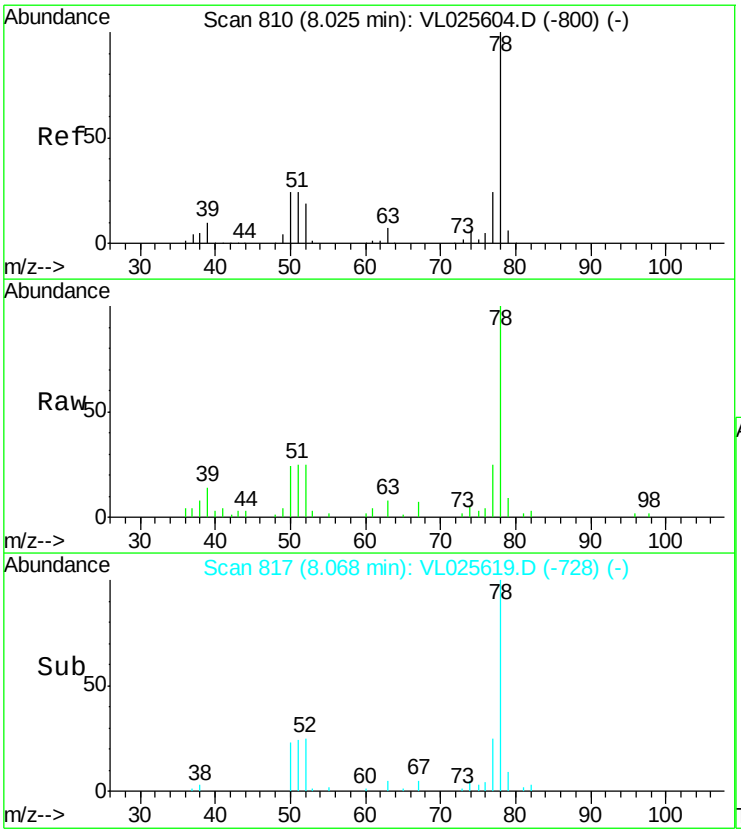
#35
Carbon Tetrachloride
Concen: 0.15 ppbv
RT: 8.18 min Scan# 836
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:117 Resp: 5420

Ion	Ratio	Lower	Upper
117	100		
119	77.3	75.9	113.9
121	33.0	24.4	36.6

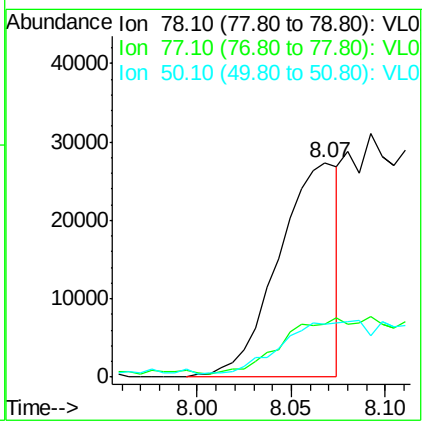


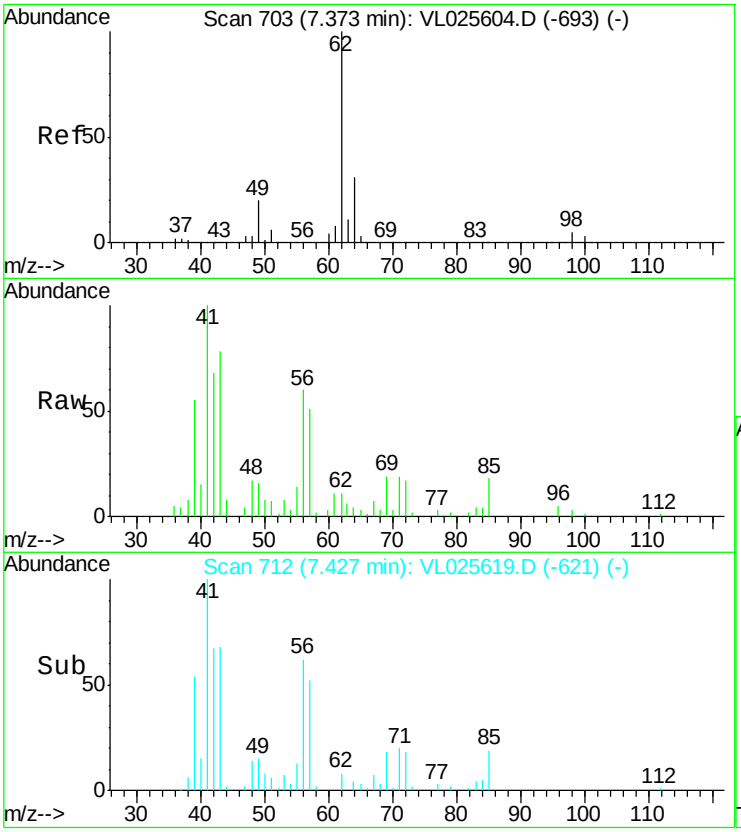


#36
Benzene
Concen: 1.80 ppbv
RT: 8.07 min Scan# 817
Delta R.T. 0.04 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 78 Resp: 60279

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.0	28.4
50	20.8	19.2	28.8



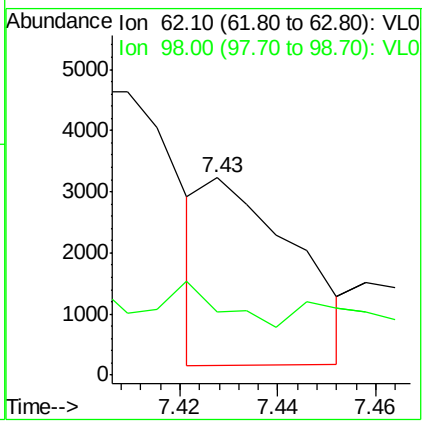


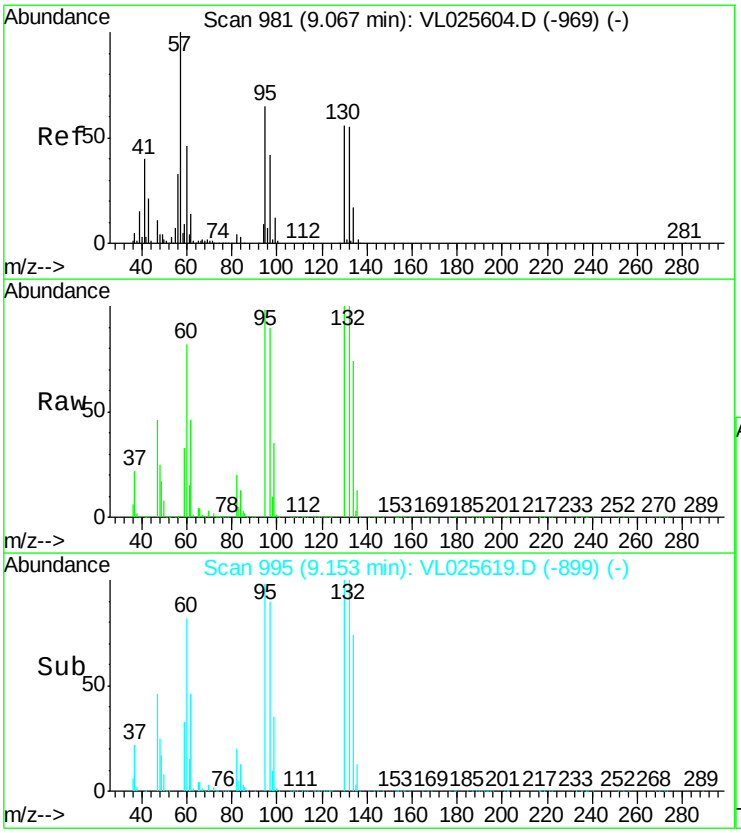
#37
1,2-Dichloroethane
Concen: 0.14 ppbv
RT: 7.43 min Scan# 712
Delta R.T. 0.05 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 62 Resp: 3957

Ion	Ratio	Lower	Upper
62	100		
98	112.6	4.1	6.1#

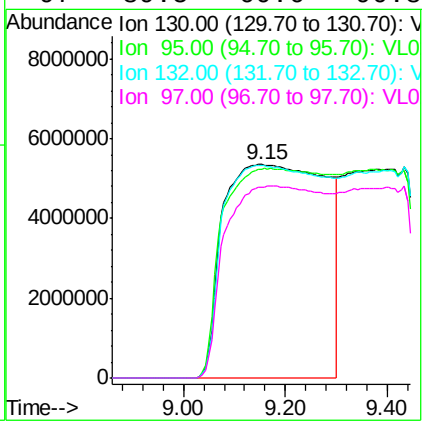


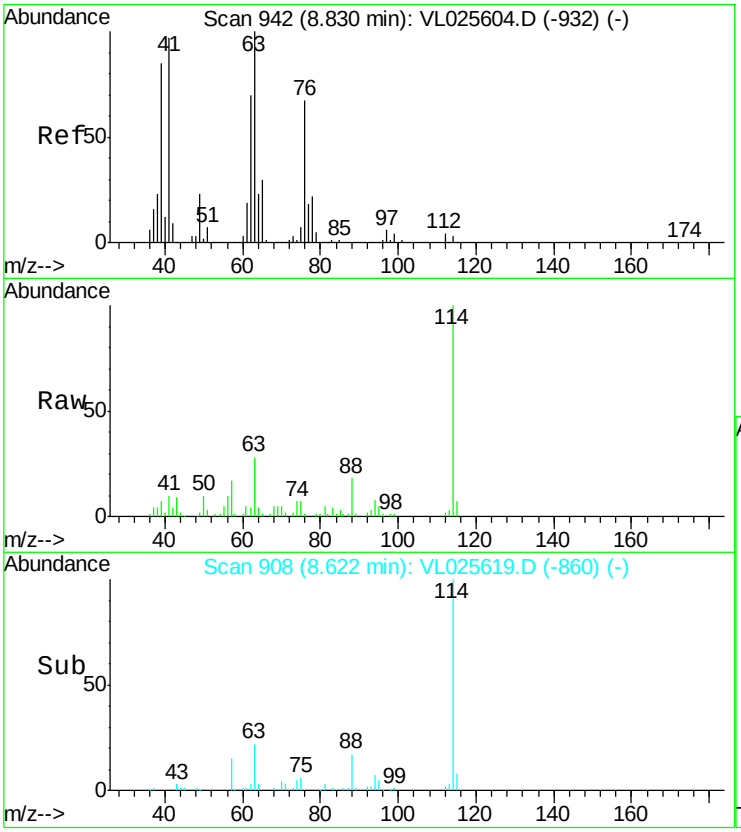


#38
Trichloroethene
Concen: 4739.39 ppbv
RT: 9.15 min Scan# 995
Delta R.T. 0.09 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:130 Resp:73838082

Ion	Ratio	Lower	Upper
130	100		
95	97.7	94.2	141.4
132	99.5	78.6	118.0
97	89.5	60.6	90.8



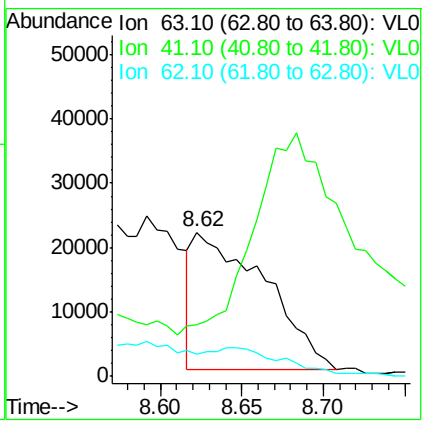


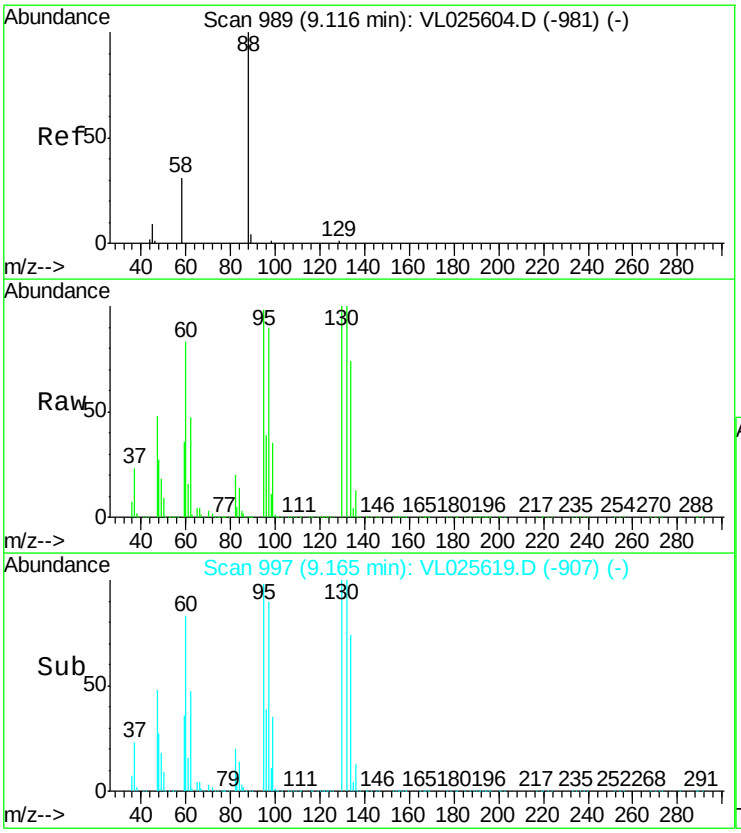
#39
1,2-Dichloropropane
Concen: 5.25 ppbv
RT: 8.62 min Scan# 908
Delta R.T. -0.21 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 63 Resp: 65014

Ion	Ratio	Lower	Upper
63	100		
41	1.7	78.0	117.0#
62	13.5	55.7	83.5#

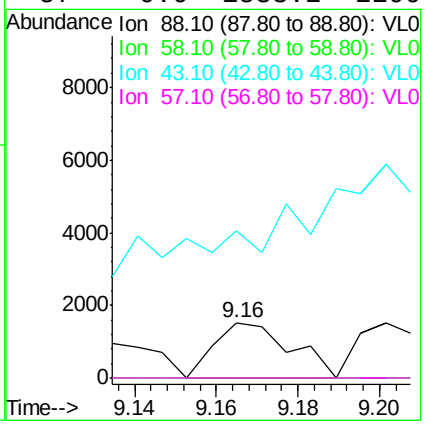


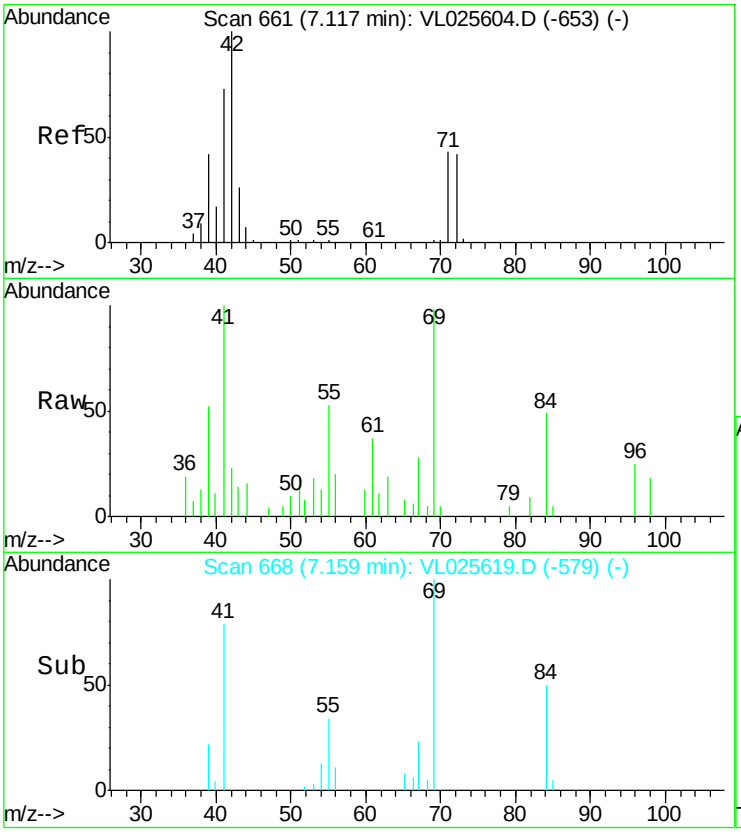


#40
1,4-Dioxane
Concen: 1.02 ppbv
RT: 9.16 min Scan# 997
Delta R.T. 0.05 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 88 Resp: 1981

Ion	Ratio	Lower	Upper
88	100		
58	0.0	127.1	190.7#
43	0.0	337.7	506.5#
57	0.0	1533.2	2299.8#



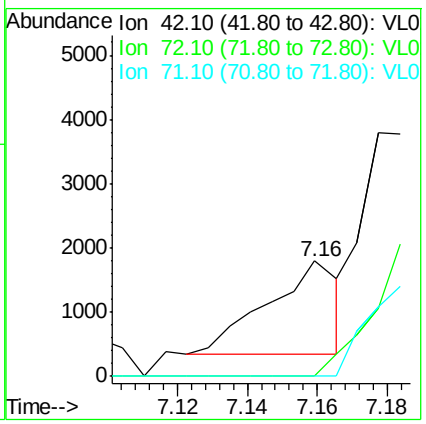


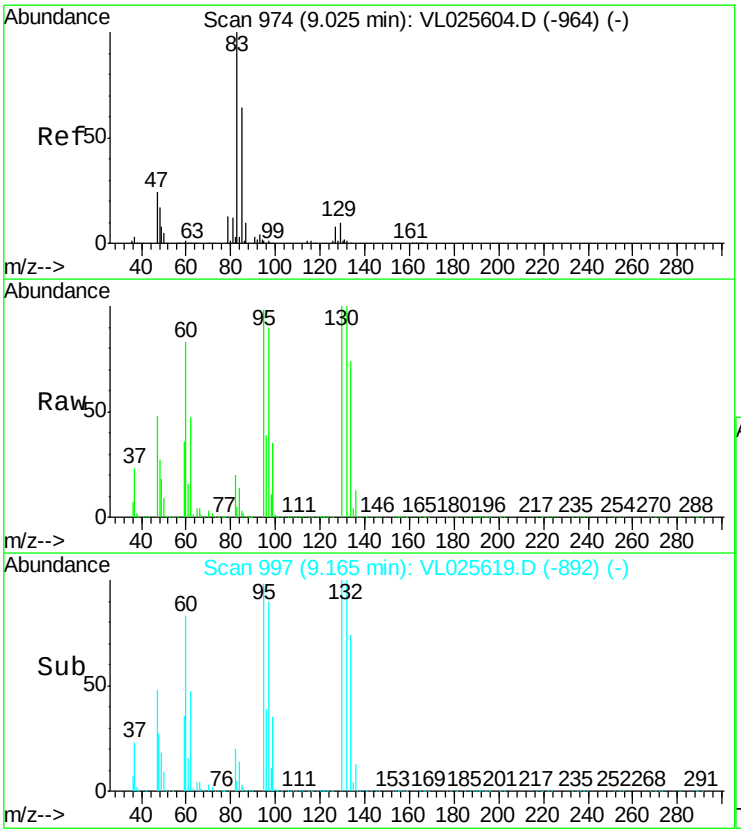
#41
Tetrahydrofuran
Concen: 0.21 ppbv
RT: 7.16 min Scan# 668
Delta R.T. 0.04 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 42 Resp: 2034

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	33.0	49.6#

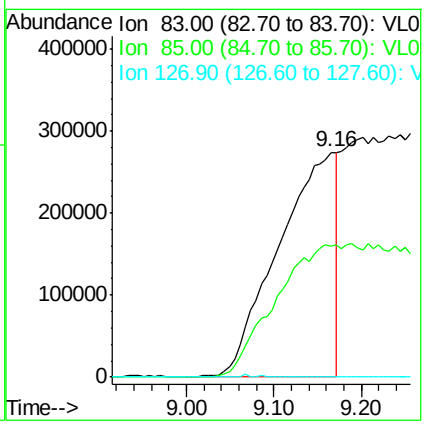


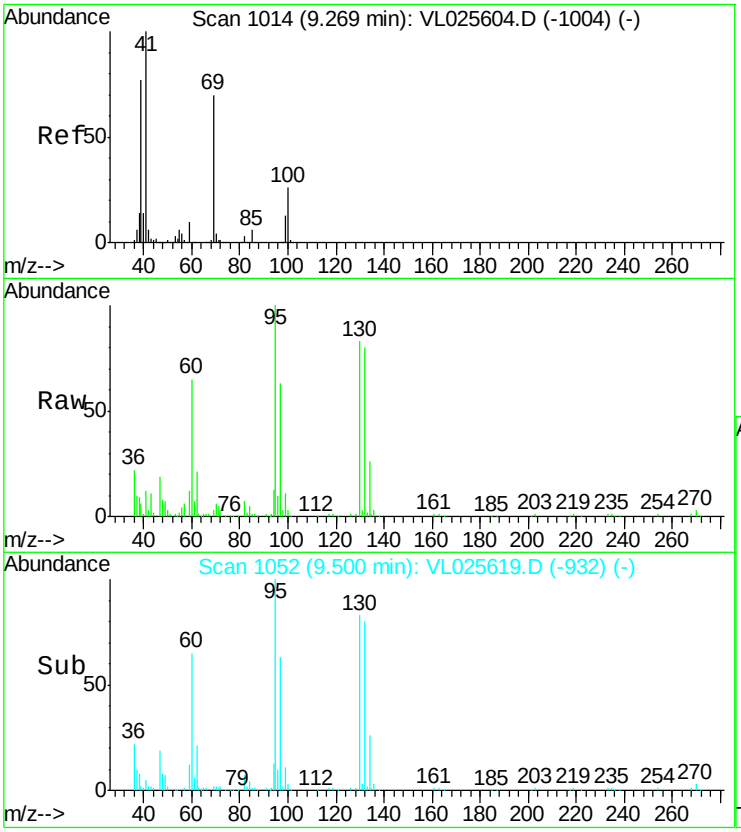


#42
Bromodichloromethane
Concen: 36.31 ppbv
RT: 9.16 min Scan# 997
Delta R.T. 0.14 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 83 Resp: 1252942

Ion	Ratio	Lower	Upper
83	100		
85	58.5	51.3	76.9
127	0.0	6.0	9.0#



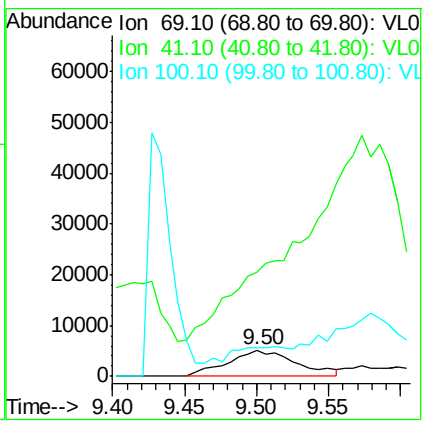


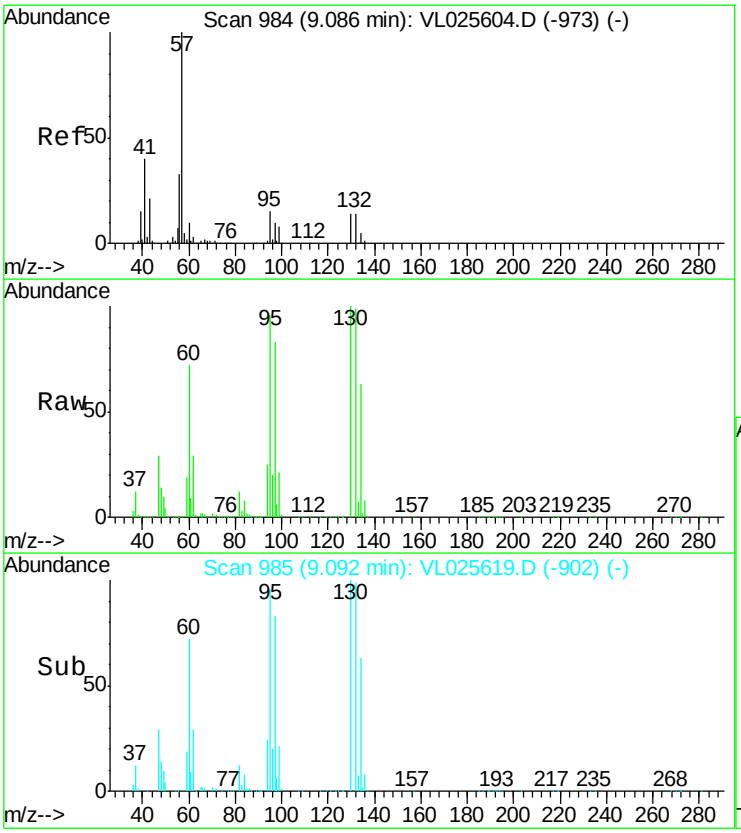
#43
Methyl Methacrylate
Concen: 1.32 ppbv
RT: 9.50 min Scan# 1052
Delta R.T. 0.23 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 69 Resp: 16937

Ion	Ratio	Lower	Upper
69	100		
41	332.9	117.3	175.9#
100	338.2	29.0	43.6#

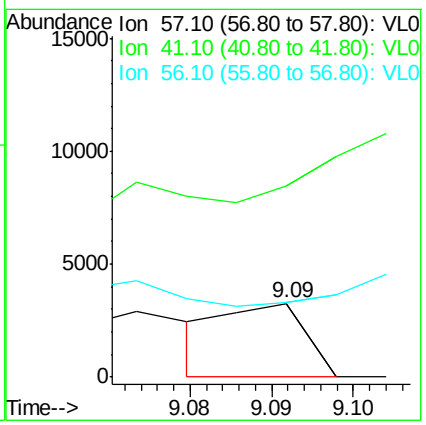


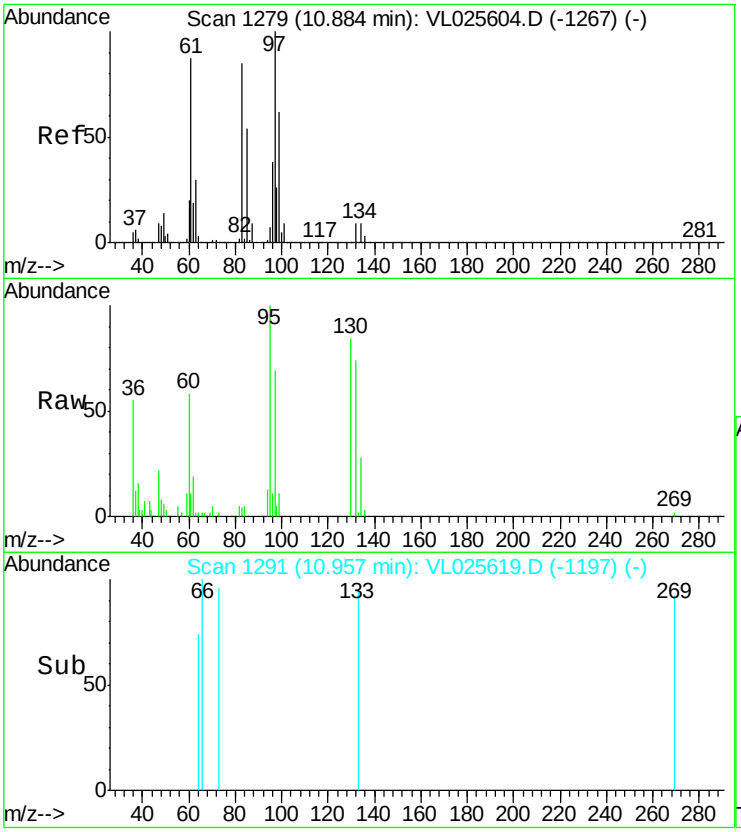


#44
2,2,4-Trimethylpentane
Concen: 0.04 ppbv
RT: 9.09 min Scan# 985
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 57 Resp: 2225

Ion	Ratio	Lower	Upper
57	100		
41	3824.9	31.2	46.8#
56	931.6	25.4	38.2#



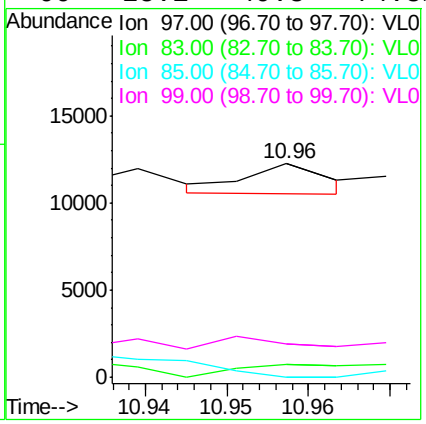


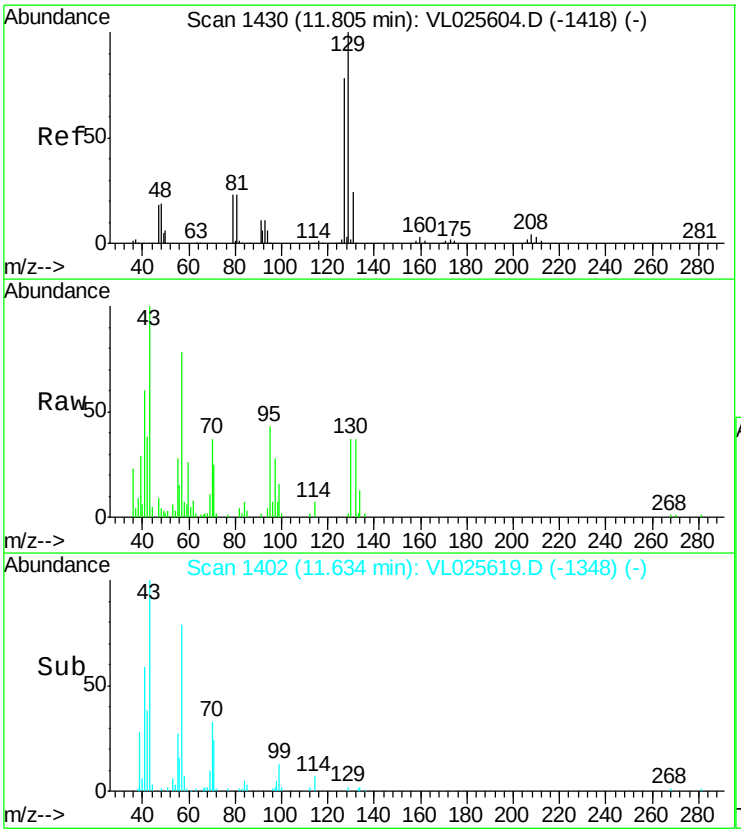
#47
1,1,2-Trichloroethane
Concen: 0.07 ppbv
RT: 10.96 min Scan# 1291
Delta R.T. 0.07 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 97 Resp: 1132

Ion	Ratio	Lower	Upper
97	100		
83	61.4	67.8	101.8#
85	0.0	43.5	65.3#
99	25.1	49.8	74.8#

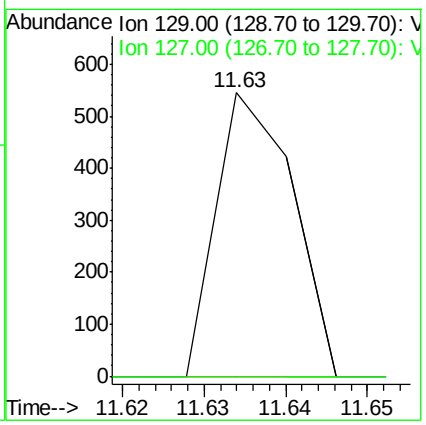


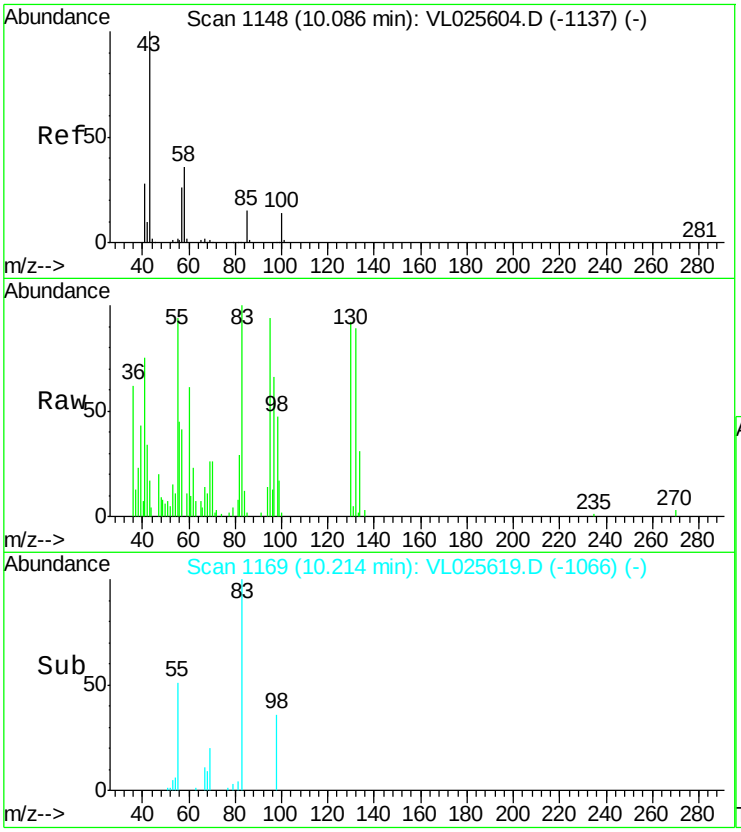


#48
Dibromochloromethane
Concen: 0.01 ppbv
RT: 11.63 min Scan# 1402
Delta R.T. -0.17 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:129 Resp: 354

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	116.9#



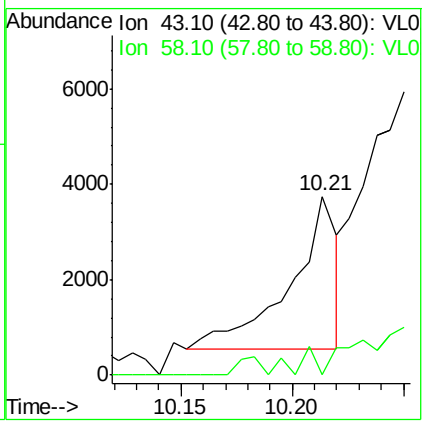


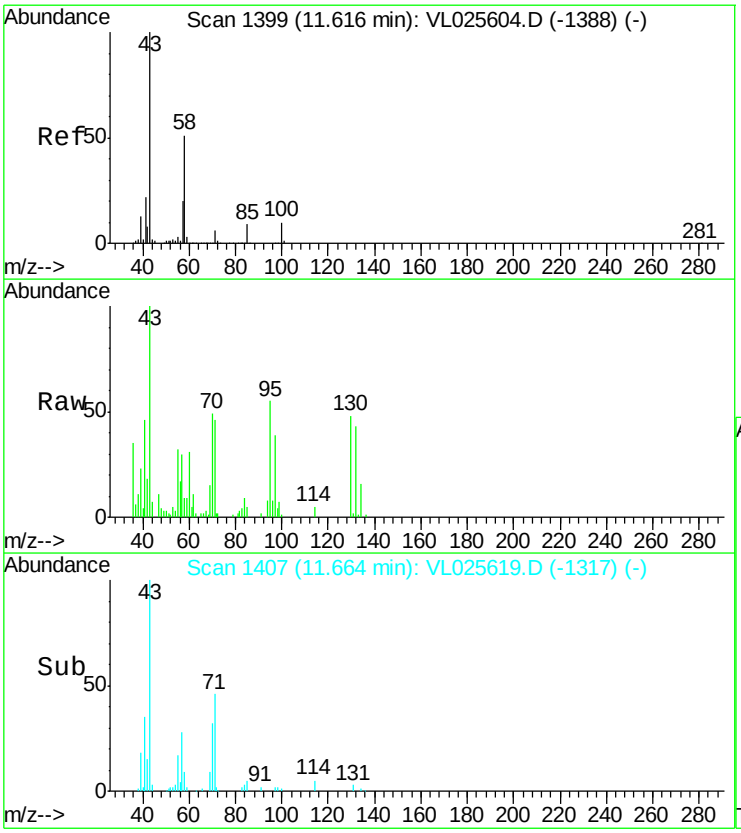
#50
4-Methyl-2-Pentanone
Concen: 0.16 ppbv
RT: 10.21 min Scan# 1169
Delta R.T. 0.13 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 43 Resp: 4692

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#

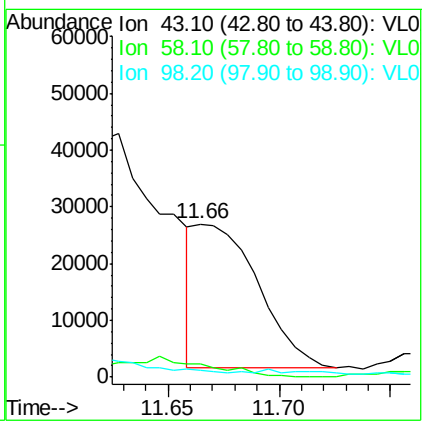


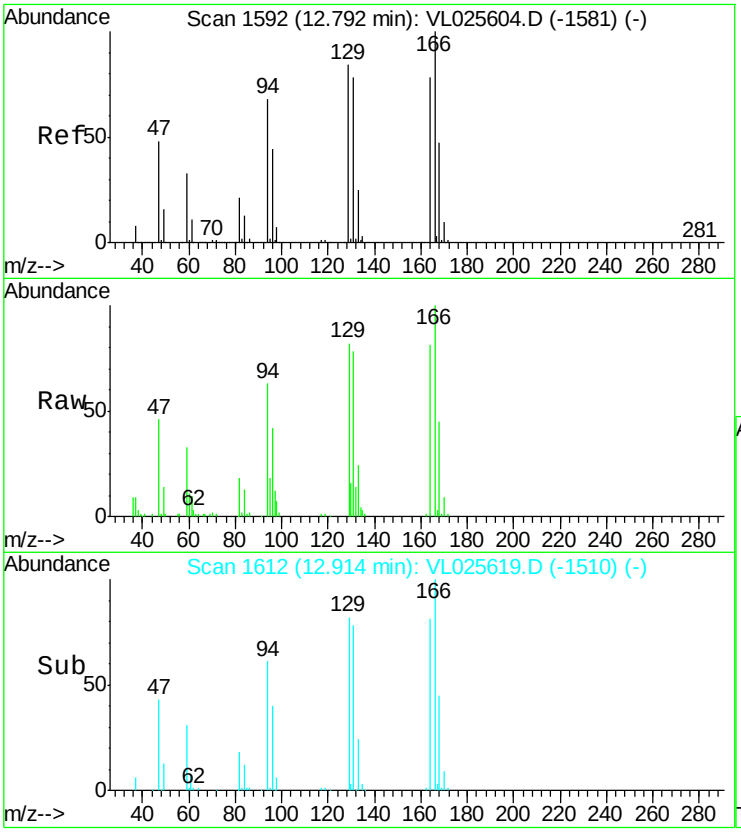


#51
2-Hexanone
Concen: 1.91 ppbv
RT: 11.66 min Scan# 1407
Delta R.T. 0.05 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 43 Resp: 49045

Ion	Ratio	Lower	Upper
43	100		
58	28.5	39.0	58.6#
98	0.0	0.2	0.4#



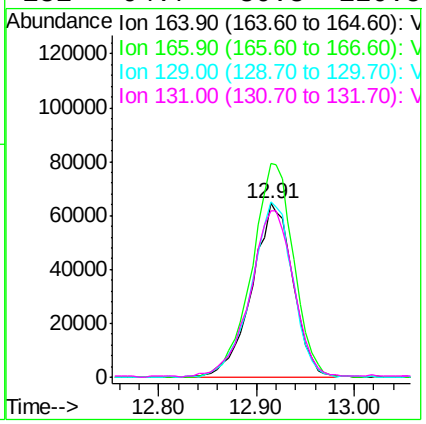


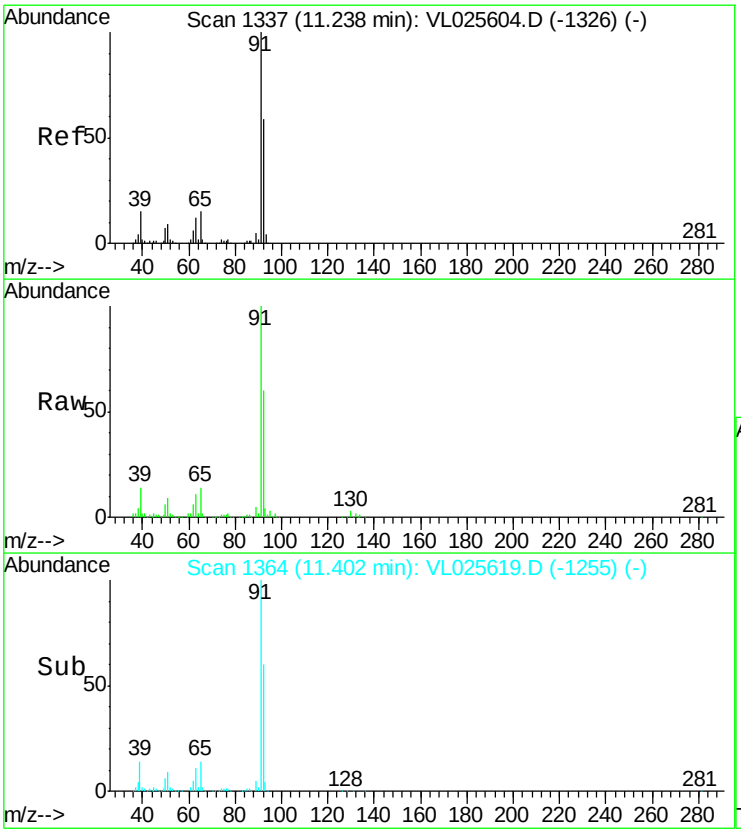
#52
Tetrachloroethene
Concen: 11.23 ppbv
RT: 12.91 min Scan# 1612
Delta R.T. 0.12 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:164 Resp: 188777

Ion	Ratio	Lower	Upper
164	100		
166	123.1	102.3	153.5
129	100.7	86.2	129.4
131	94.7	80.3	120.5

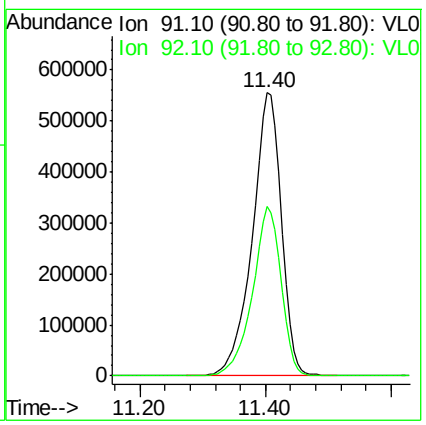


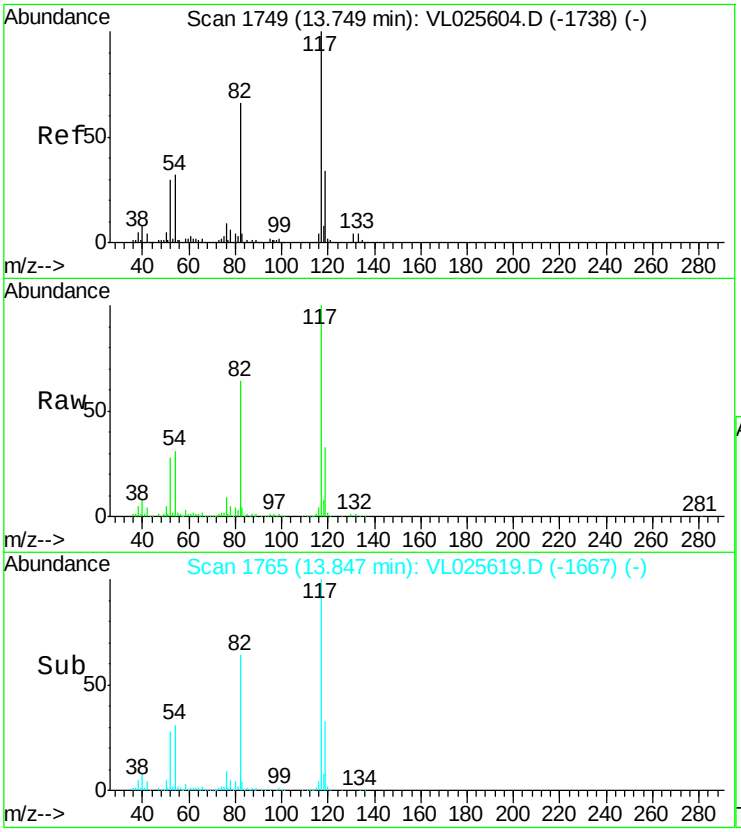


#53
Toluene
Concen: 37.75 ppbv
RT: 11.40 min Scan# 1364
Delta R.T. 0.16 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 91 Resp: 1777883

Ion	Ratio	Lower	Upper
91	100		
92	59.0	48.2	72.2



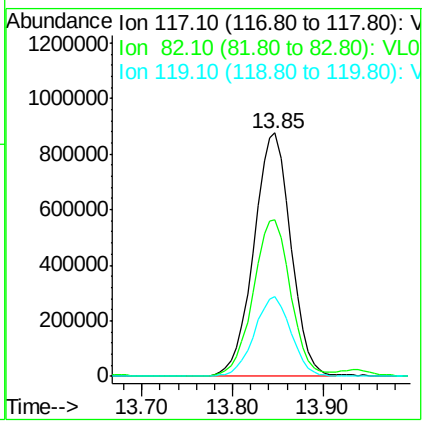


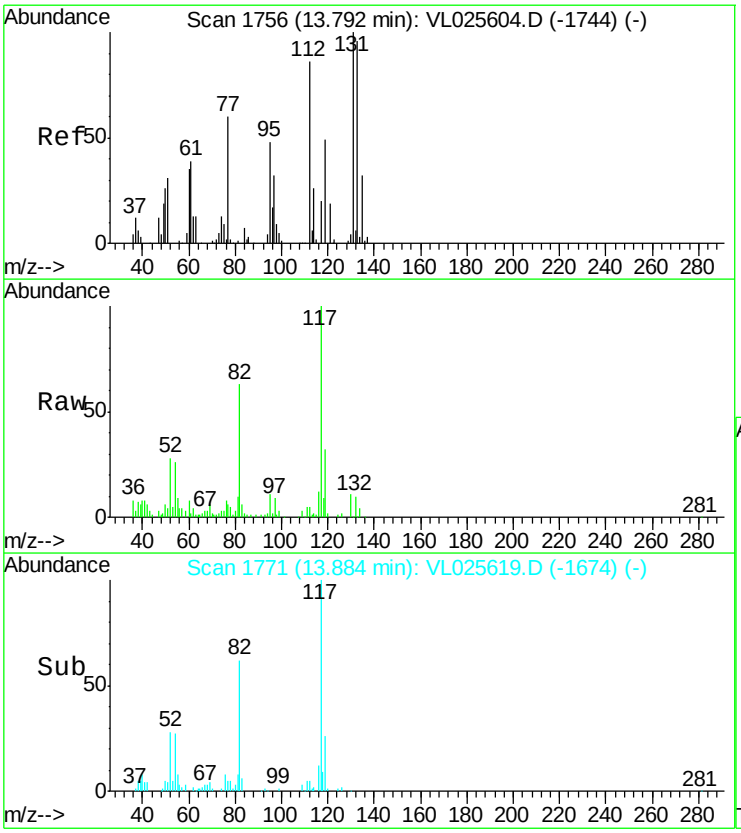
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.85 min Scan# 1765
Delta R.T. 0.10 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:117 Resp: 2476363

Ion	Ratio	Lower	Upper
117	100		
82	68.0	50.5	75.7
119	32.9	45.1	67.7#

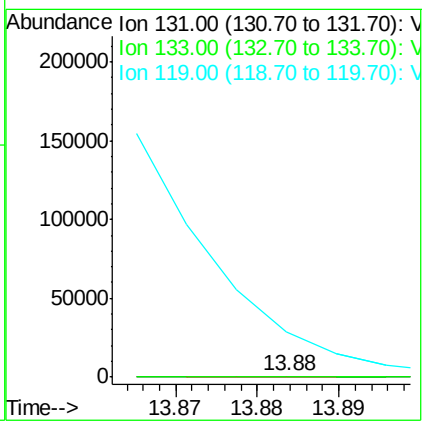


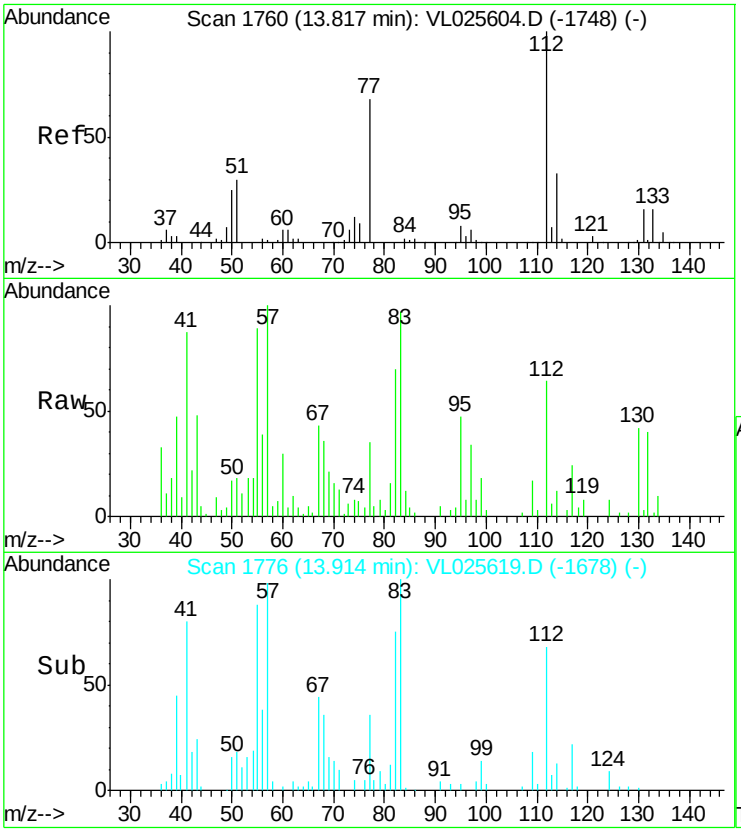


#56
1,1,1,2-Tetrachloroethane
Concen: 0.00 ppbv
RT: 13.88 min Scan# 1771
Delta R.T. 0.09 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:131 Resp: 255

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	0.0	97.8	146.8#



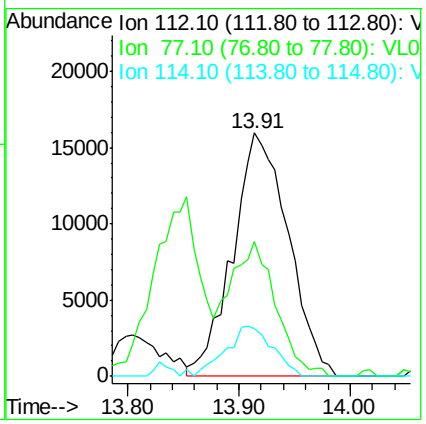


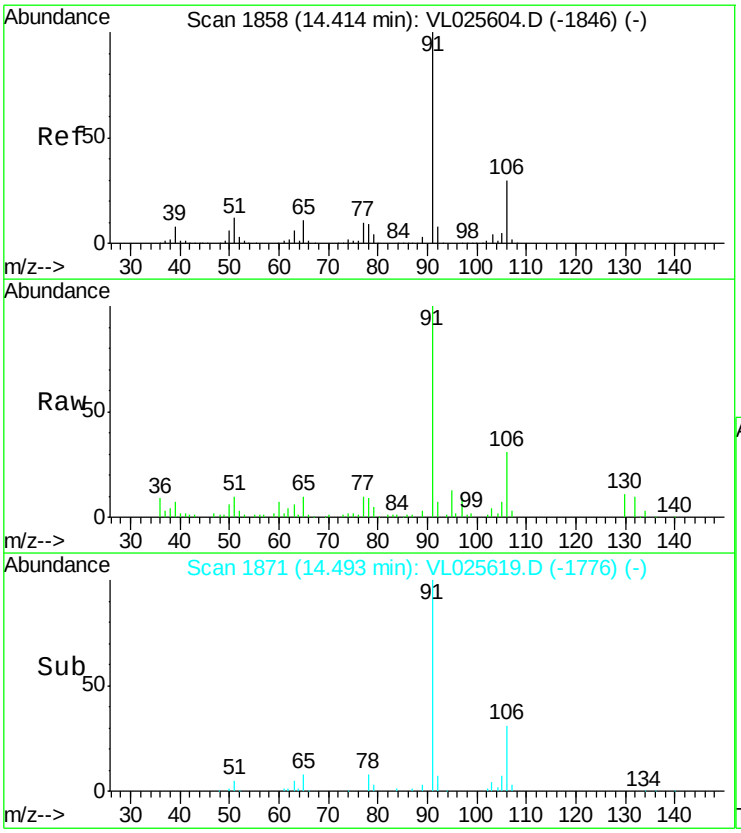
#57
Chlorobenzene
Concen: 0.21 ppbv
RT: 13.91 min Scan# 1776
Delta R.T. 0.10 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:112 Resp: 55240

Ion	Ratio	Lower	Upper
112	100		
77	55.6	55.2	82.8
114	19.6	29.4	36.0#

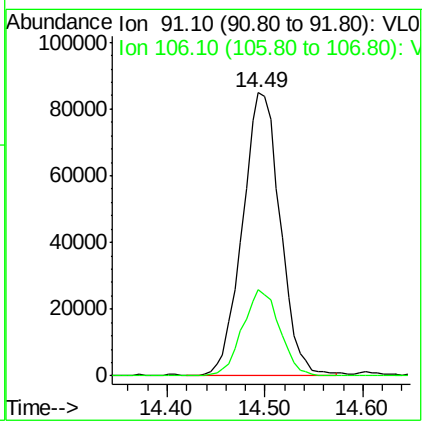


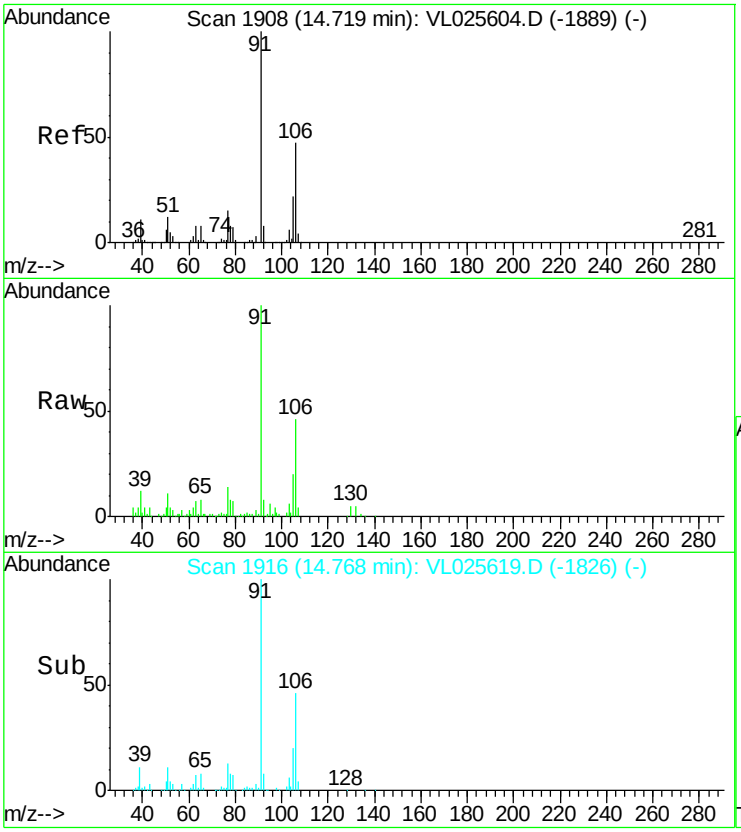


#58
Ethyl Benzene
Concen: 0.56 ppbv
RT: 14.49 min Scan# 1871
Delta R.T. 0.08 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 91 Resp: 227742

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.2	36.2



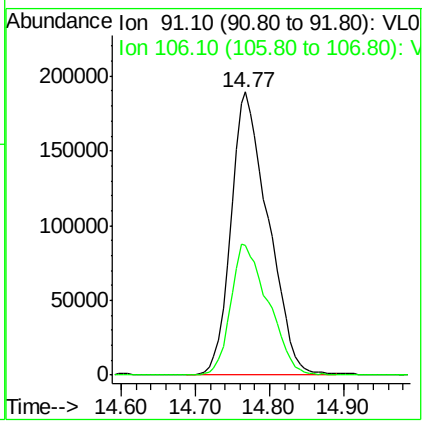


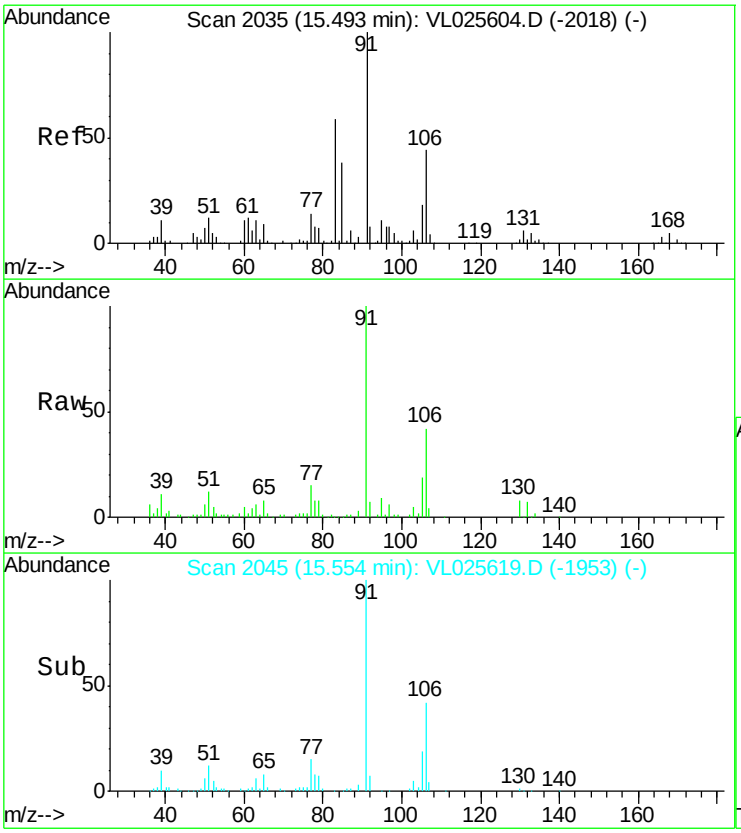
#59
m/p-Xylene
Concen: 1.84 ppbv
RT: 14.77 min Scan# 1916
Delta R.T. 0.05 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 91 Resp: 662710

Ion	Ratio	Lower	Upper
91	100		
106	46.7	37.9	56.9

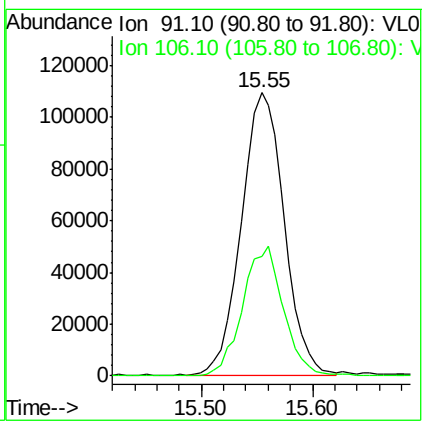


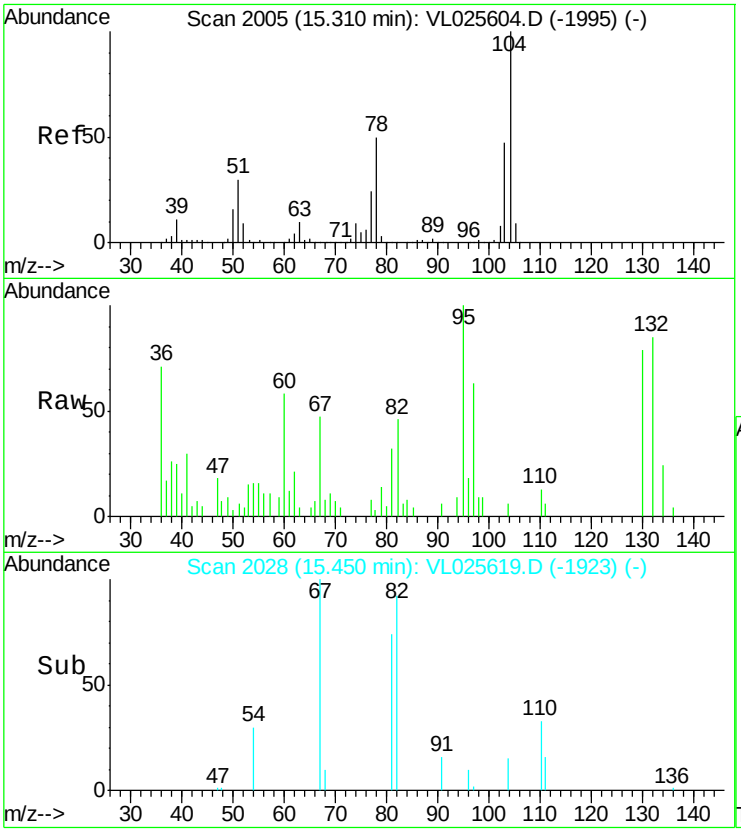


#60
o-Xylene
Concen: 0.76 ppbv
RT: 15.55 min Scan# 2045
Delta R.T. 0.06 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 91 Resp: 293840

Ion	Ratio	Lower	Upper
91	100		
106	43.8	22.1	66.1



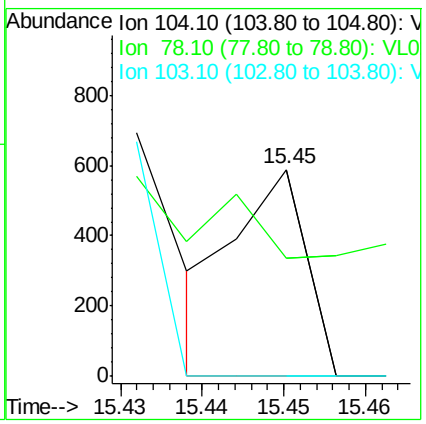


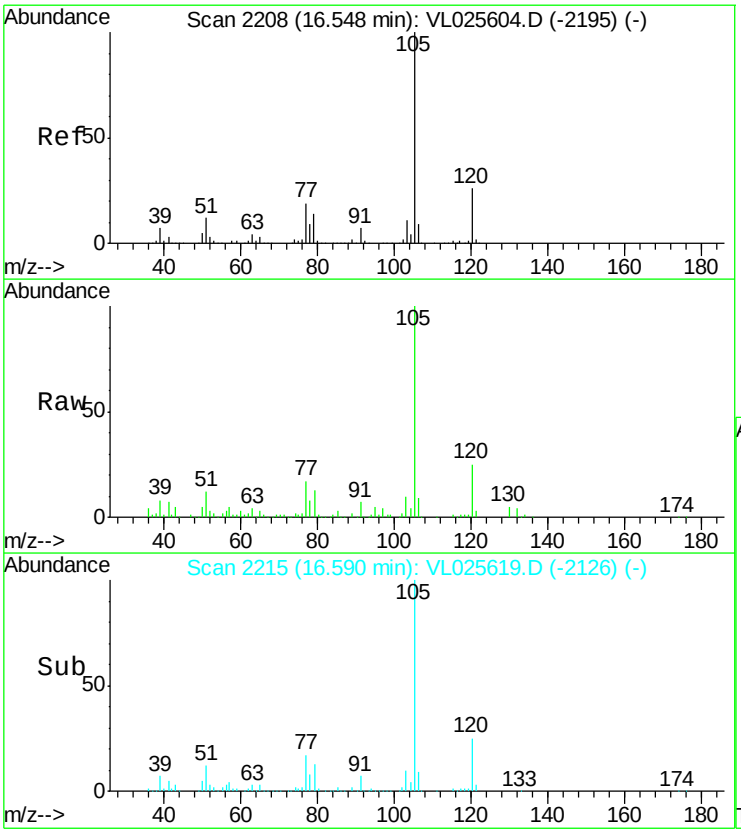
#61
Styrene
Concen: 0.00 ppbv
RT: 15.45 min Scan# 2028
Delta R.T. 0.14 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:104 Resp: 358

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.2	60.4#
103	0.0	37.4	56.2#

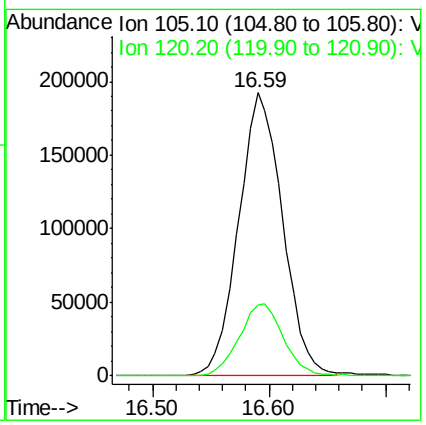


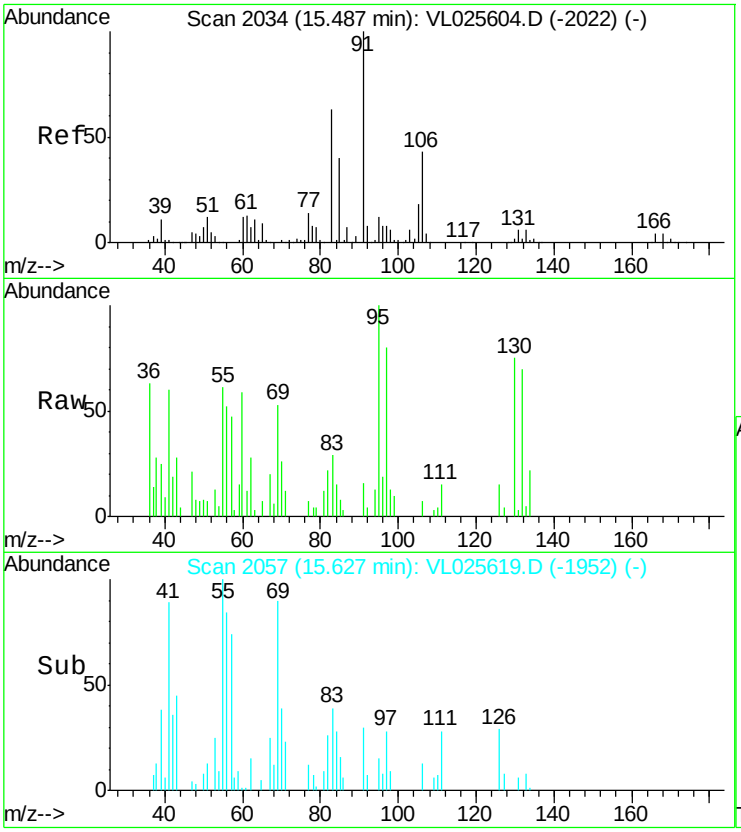


#62
Isopropylbenzene
Concen: 1.00 ppbv
RT: 16.59 min Scan# 2215
Delta R.T. 0.04 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:105 Resp: 504244

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0



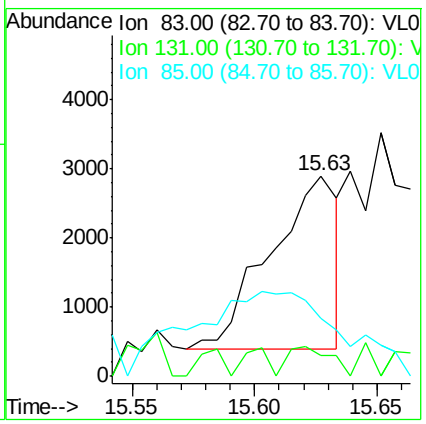


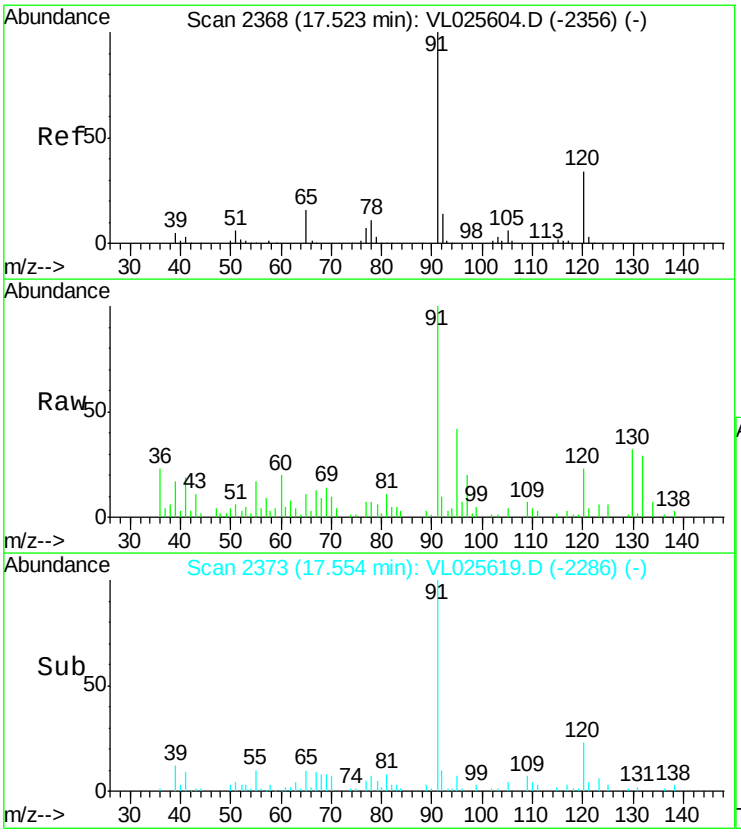
#63
1,1,2,2-Tetrachloroethane
Concen: 0.02 ppbv
RT: 15.63 min Scan# 2057
Delta R.T. 0.14 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 83 Resp: 4796

Ion	Ratio	Lower	Upper
83	100		
131	22.1	4.8	14.4#
85	122.2	32.4	97.2#

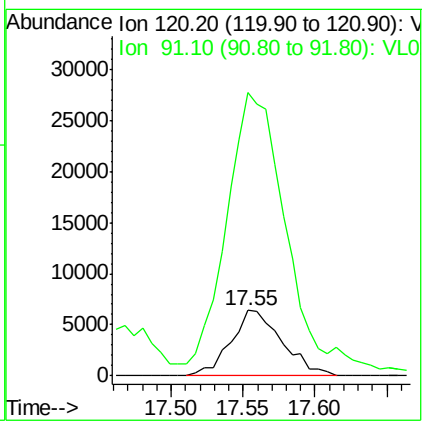


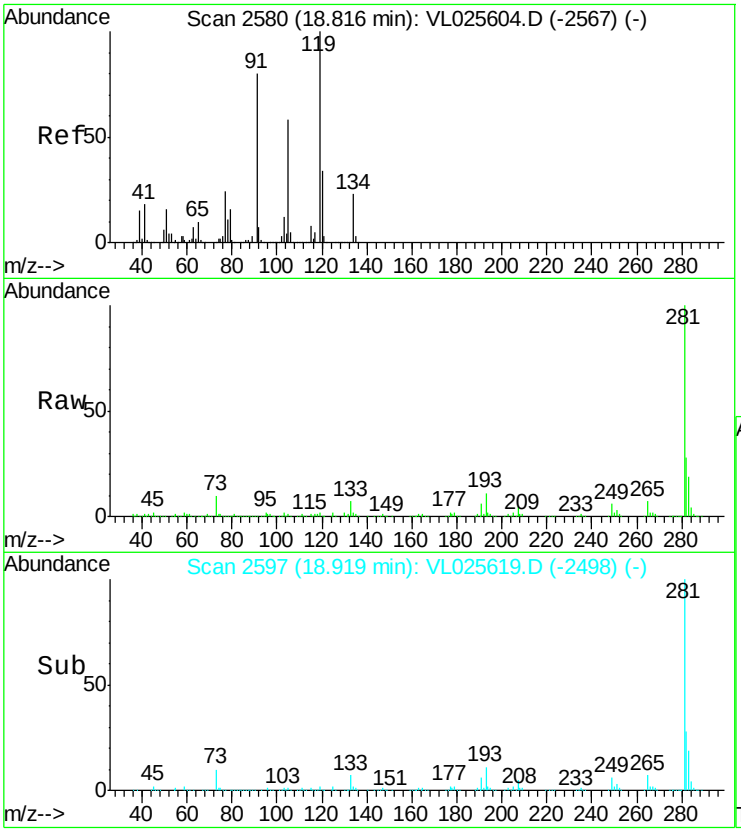


#64
n-propylbenzene
Concen: 0.12 ppbv
RT: 17.55 min Scan# 2373
Delta R.T. 0.03 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:120 Resp: 15907

Ion	Ratio	Lower	Upper
120	100		
91	521.3	370.5	555.7



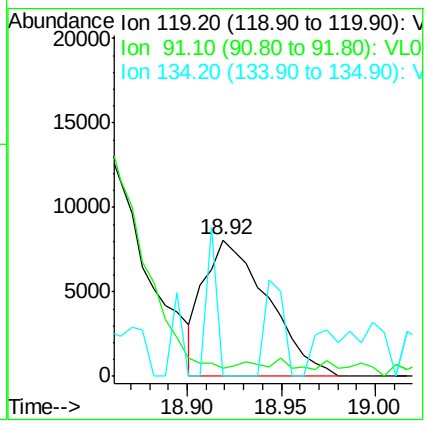


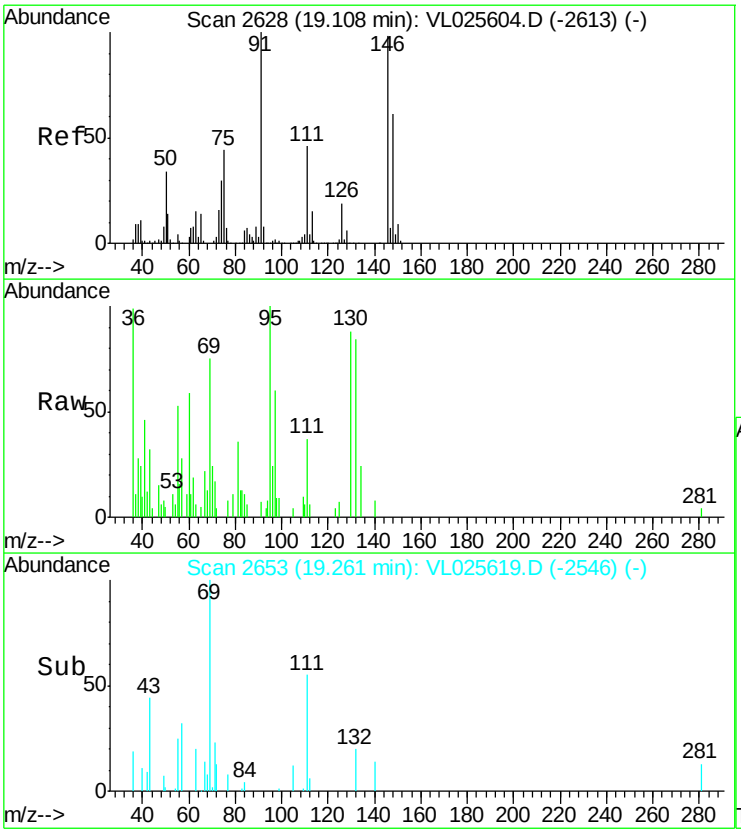
#65
tert-Butylbenzene
Concen: 0.04 ppbv
RT: 18.92 min Scan# 2597
Delta R.T. 0.10 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:119 Resp: 19004

Ion	Ratio	Lower	Upper
119	100		
91	6.6	64.5	96.7#
134	54.8	17.4	26.0#

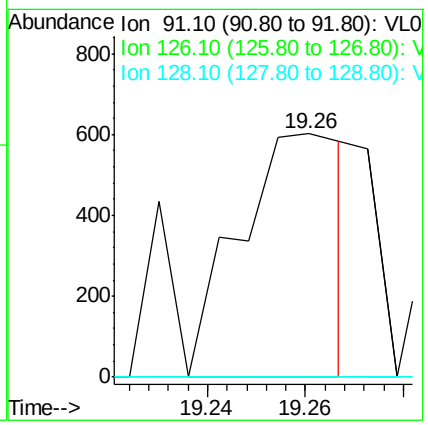


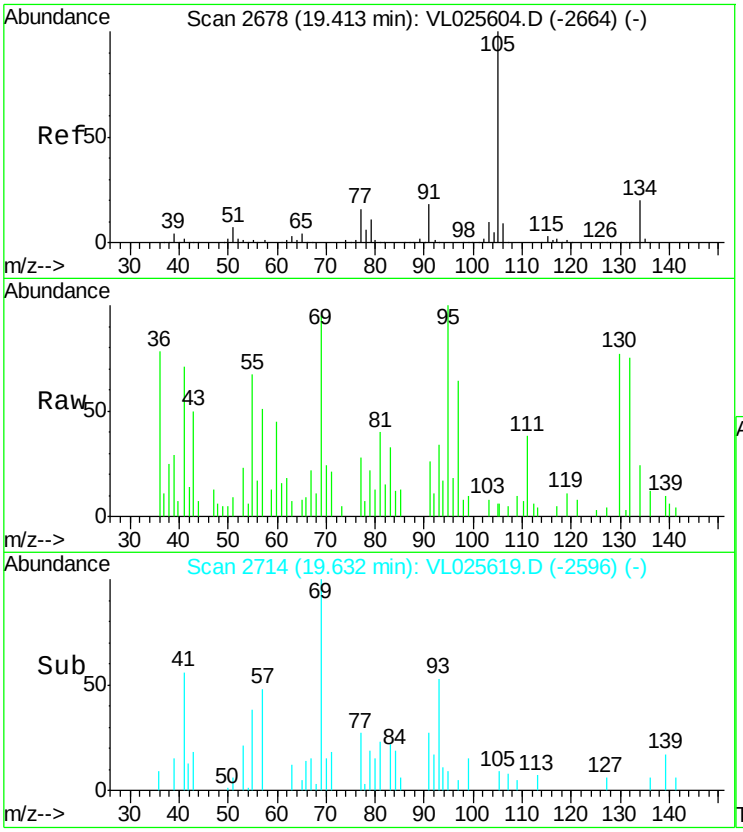


#66
Benzyl Chloride
Concen: 0.00 ppbv
RT: 19.26 min Scan# 2653
Delta R.T. 0.15 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 91 Resp: 900

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



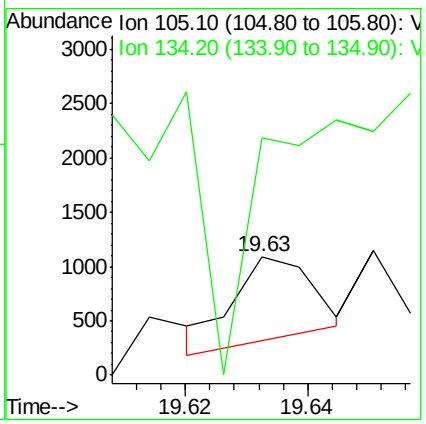


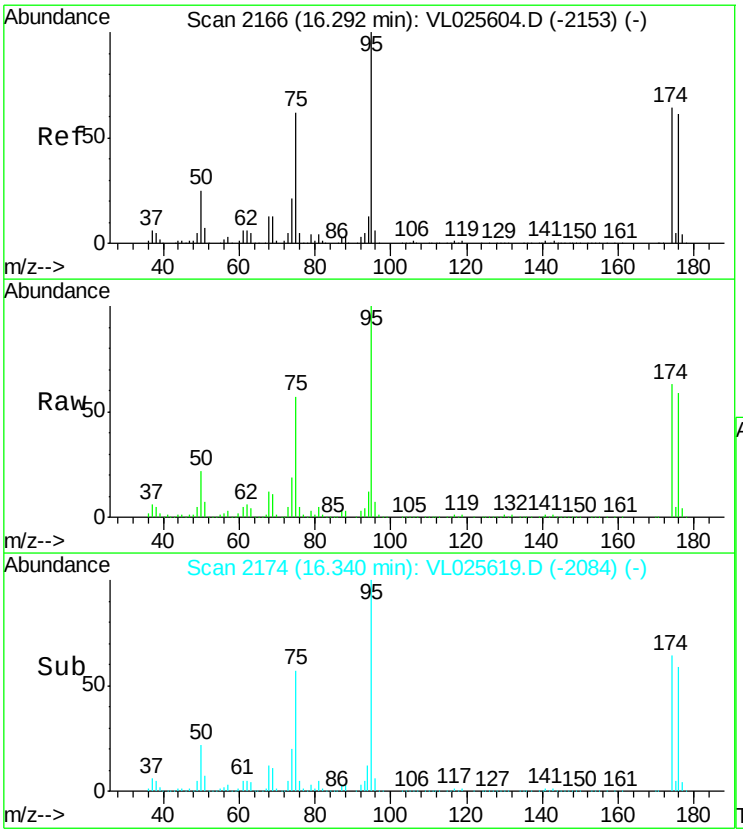
#67
sec-Butylbenzene
Concen: 0.00 ppbv
RT: 19.63 min Scan# 2714
Delta R.T. 0.22 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:105 Resp: 693

Ion	Ratio	Lower	Upper
105	100		
134	3160.5	15.4	23.2#

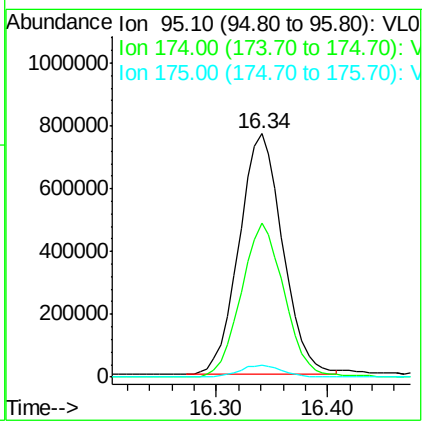


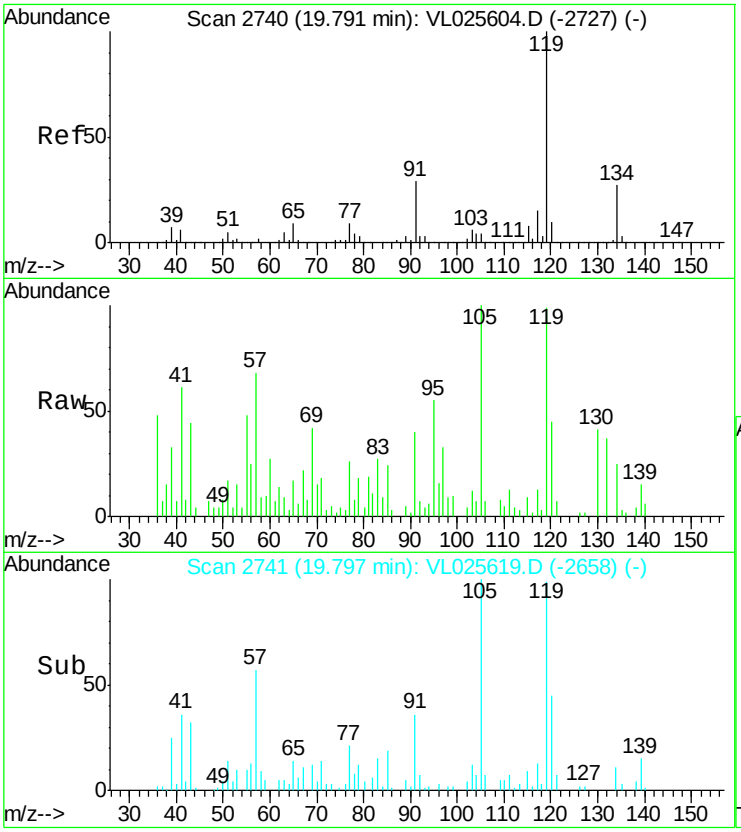


#68
1-Bromo-4-Fluorobenzene
Concen: 9.95 ppbv
RT: 16.34 min Scan# 2174
Delta R.T. 0.05 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 95 Resp: 2077807

Ion	Ratio	Lower	Upper
95	100		
174	64.0	52.0	78.0
175	5.1	3.9	5.9



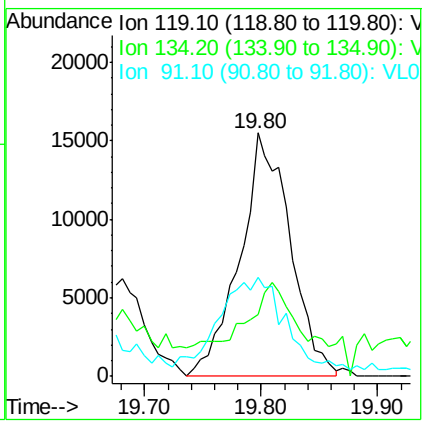


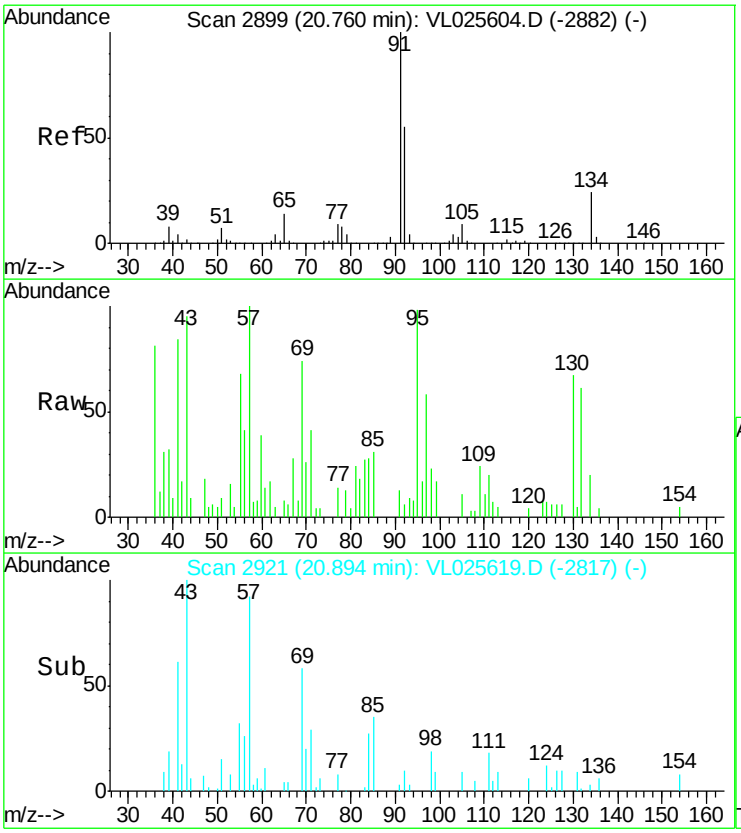
#69
p-Isopropyltoluene
Concen: 0.08 ppbv
RT: 19.80 min Scan# 2741
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:119 Resp: 46729

Ion	Ratio	Lower	Upper
119	100		
134	39.3	20.7	31.1#
91	53.6	22.6	34.0#

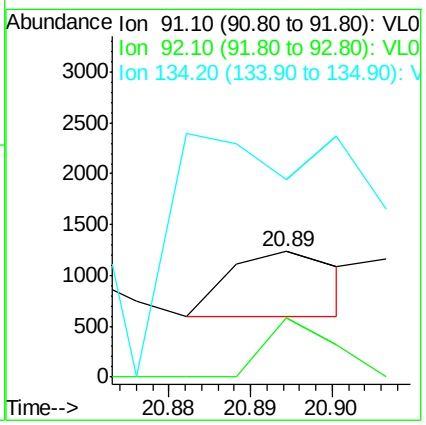


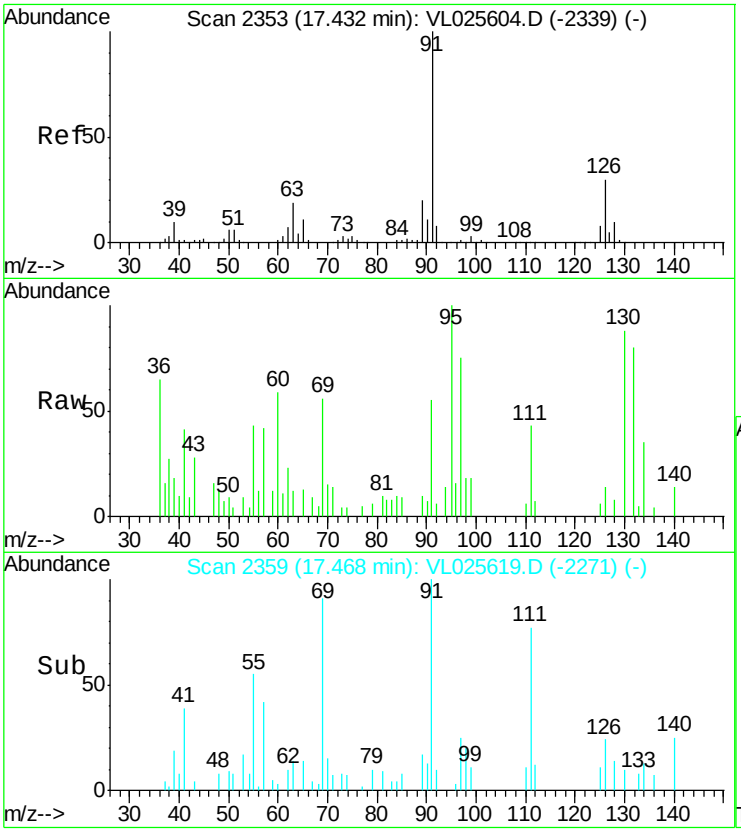


#70
n-Butylbenzene
Concen: 0.00 ppbv
RT: 20.89 min Scan# 2921
Delta R.T. 0.13 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 91 Resp: 607

Ion	Ratio	Lower	Upper
91	100		
92	119.9	44.3	66.5#
134	0.0	19.4	29.2#



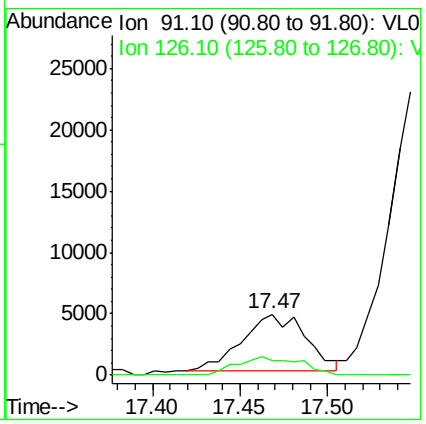


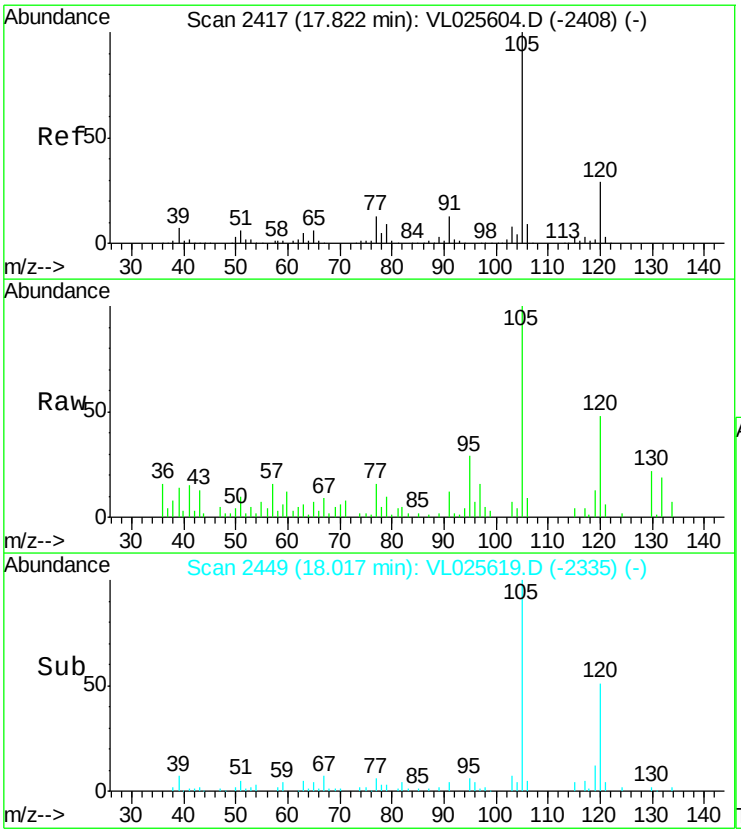
#71
2-Chlorotoluene
Concen: 0.03 ppbv
RT: 17.47 min Scan# 2359
Delta R.T. 0.04 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion: 91 Resp: 11886

Ion	Ratio	Lower	Upper
91	100		
126	31.3	12.2	49.0

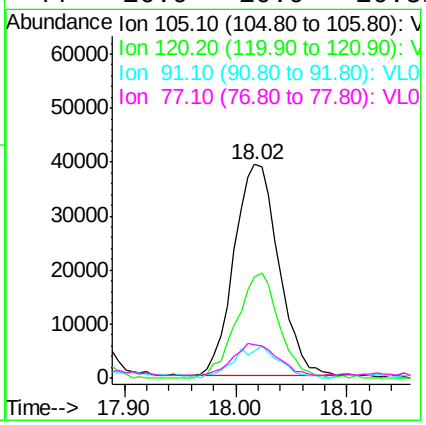


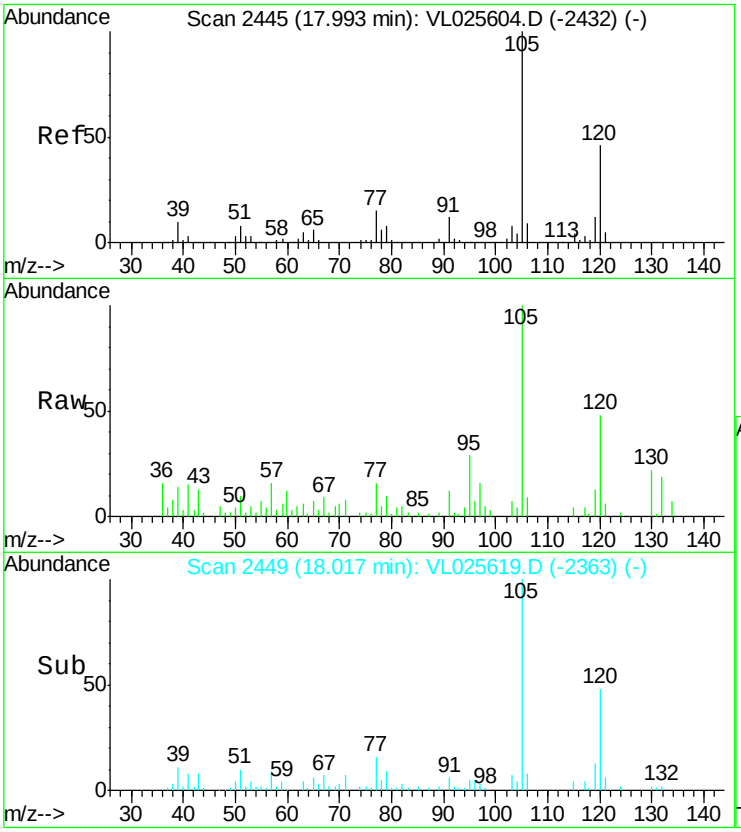


#72
4-Ethyltoluene
Concen: 0.25 ppbv
RT: 18.02 min Scan# 2449
Delta R.T. 0.20 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:105 Resp: 108779

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.9	35.9#
91	15.2	10.3	15.5
77	16.9	10.9	16.3#



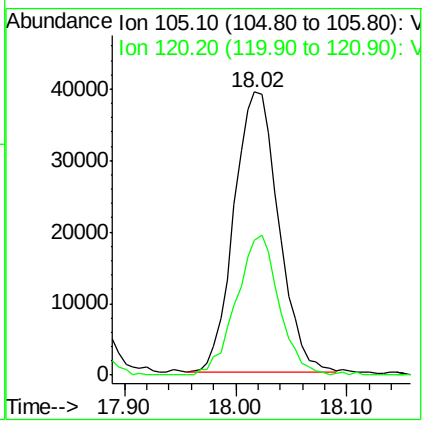


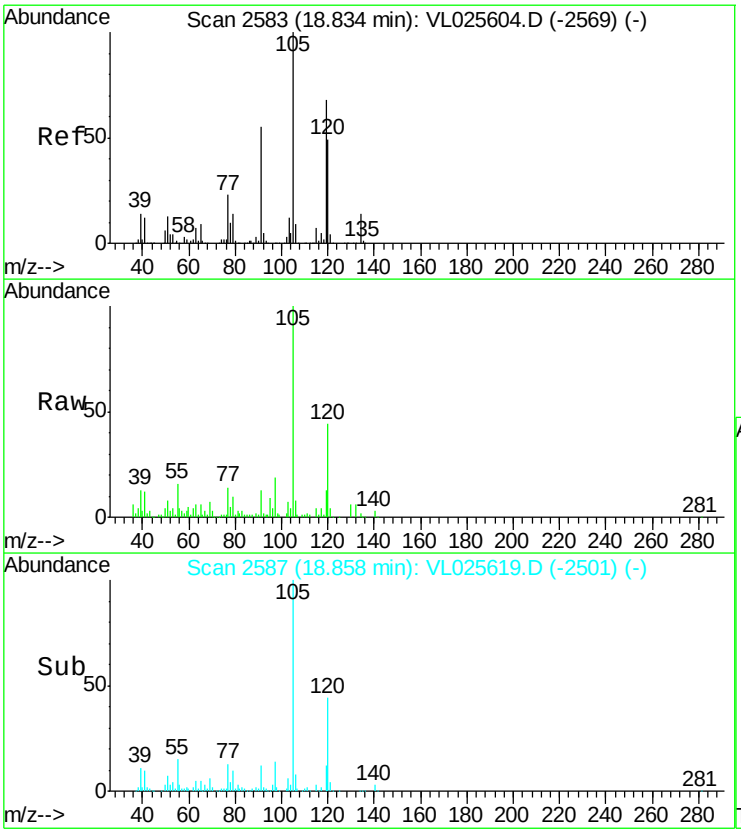
#73
1,3,5-Trimethylbenzene
Concen: 0.26 ppbv
RT: 18.02 min Scan# 2449
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:105 Resp: 108779

Ion	Ratio	Lower	Upper
105	100		
120	48.1	37.0	55.4

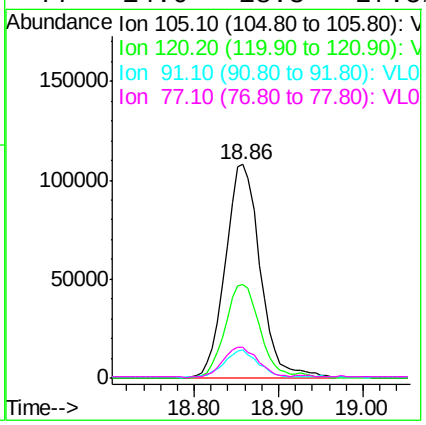


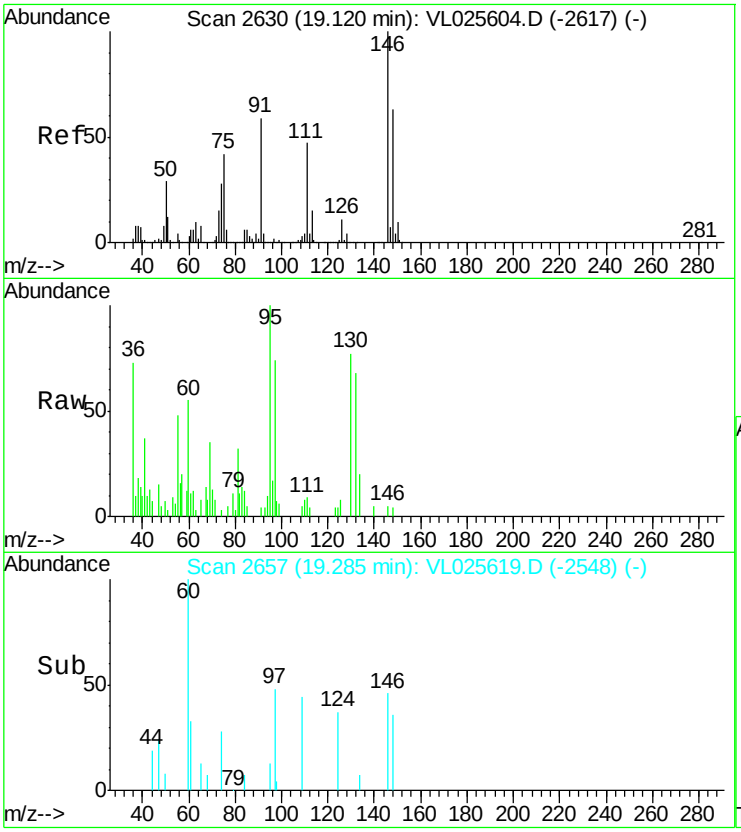


#74
1,2,4-Trimethylbenzene
Concen: 0.65 ppbv
RT: 18.86 min Scan# 2587
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:105 Resp: 304100

Ion	Ratio	Lower	Upper
105	100		
120	43.7	39.3	58.9
91	13.0	43.8	65.6#
77	14.0	18.3	27.5#



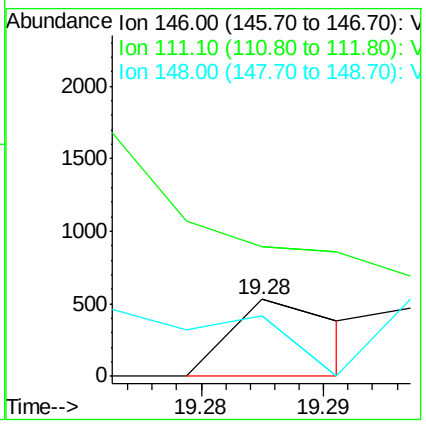


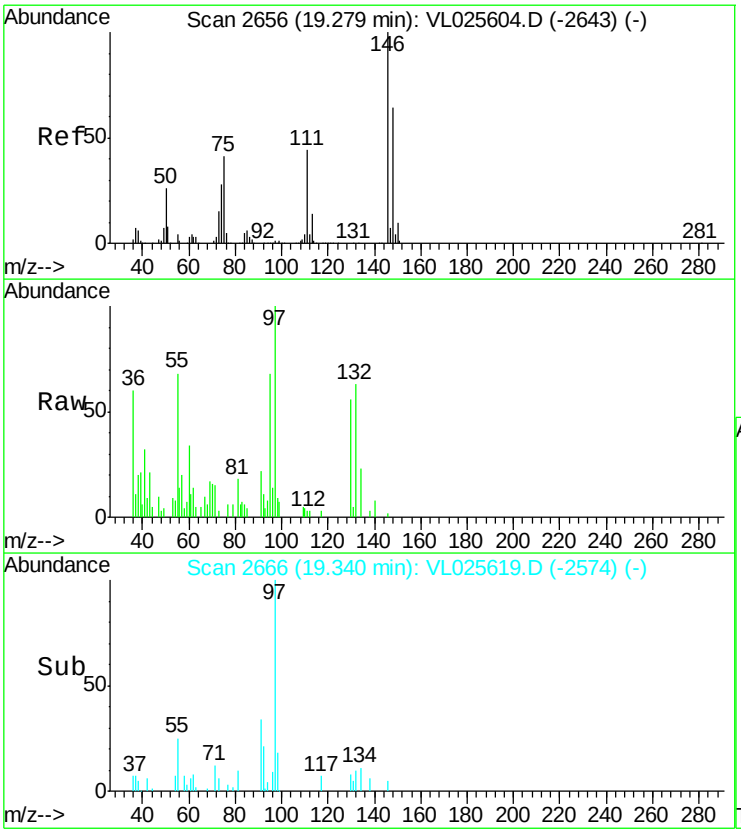
#75
1,3-Dichlorobenzene
Concen: 0.00 ppbv
RT: 19.28 min Scan# 2657
Delta R.T. 0.16 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:146 Resp: 333

Ion	Ratio	Lower	Upper
146	100		
111	3275.4	22.7	68.1#
148	0.0	31.8	95.3#

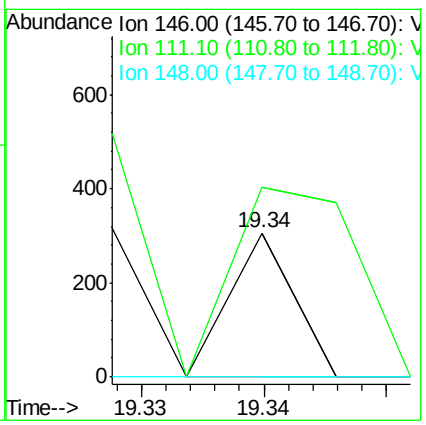


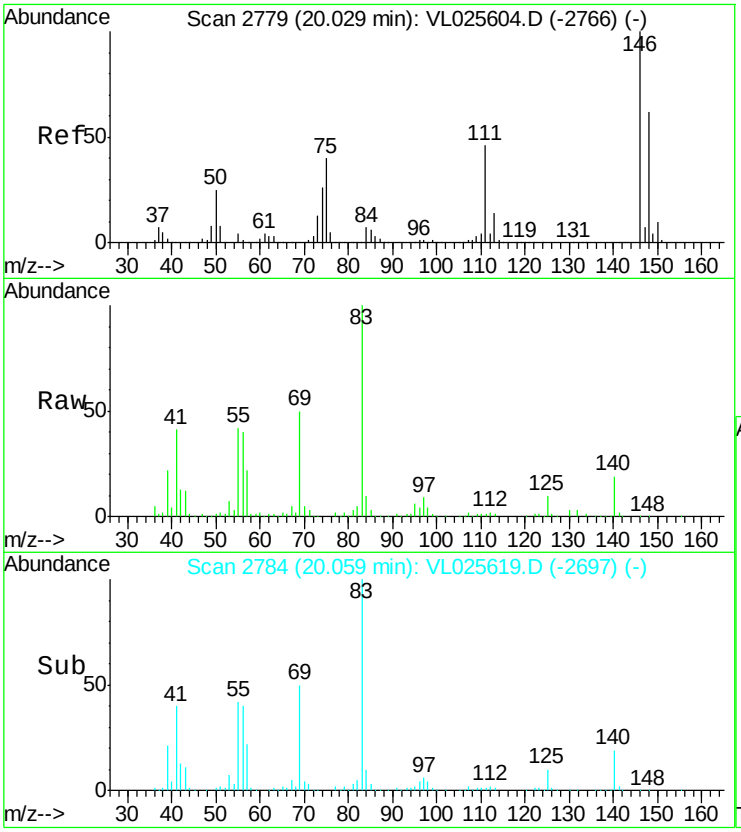


#76
1,4-Dichlorobenzene
Concen: 0.00 ppbv
RT: 19.34 min Scan# 2666
Delta R.T. 0.06 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:146 Resp: 112

Ion	Ratio	Lower	Upper
146	100		
111	9172.3	22.1	66.1#
148	0.0	31.9	95.9#



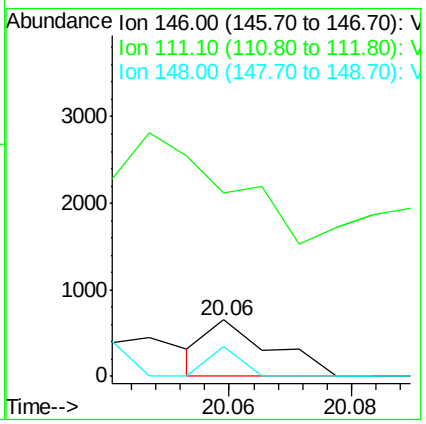


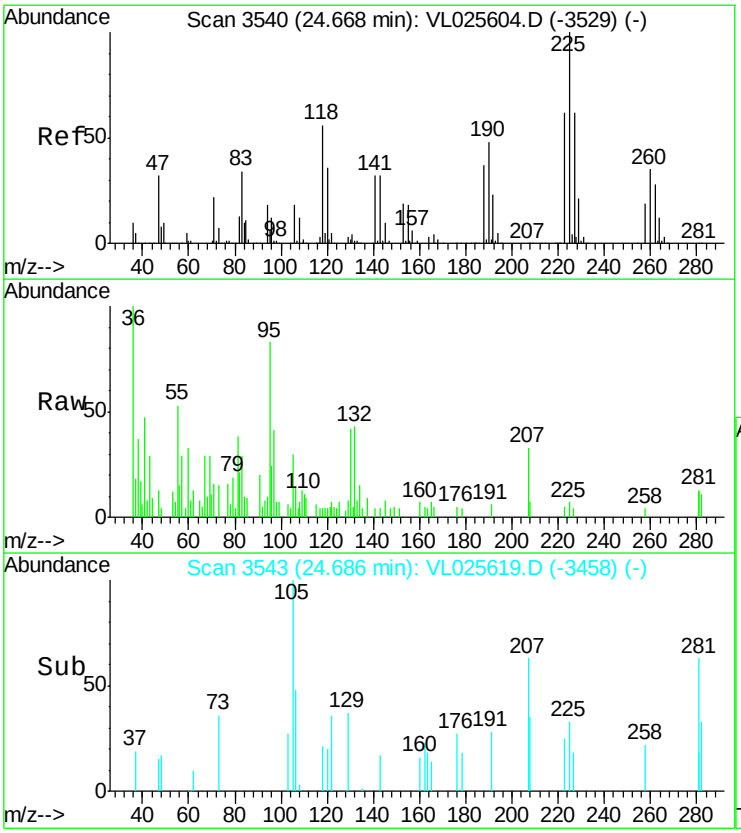
#77
1,2-Dichlorobenzene
Concen: 0.00 ppbv
RT: 20.06 min Scan# 2784
Delta R.T. 0.03 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:146 Resp: 461

Ion	Ratio	Lower	Upper
146	100		
111	3183.7	23.4	70.3#
148	0.0	31.6	94.8#

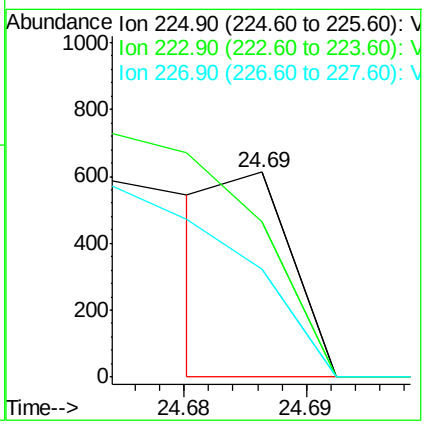


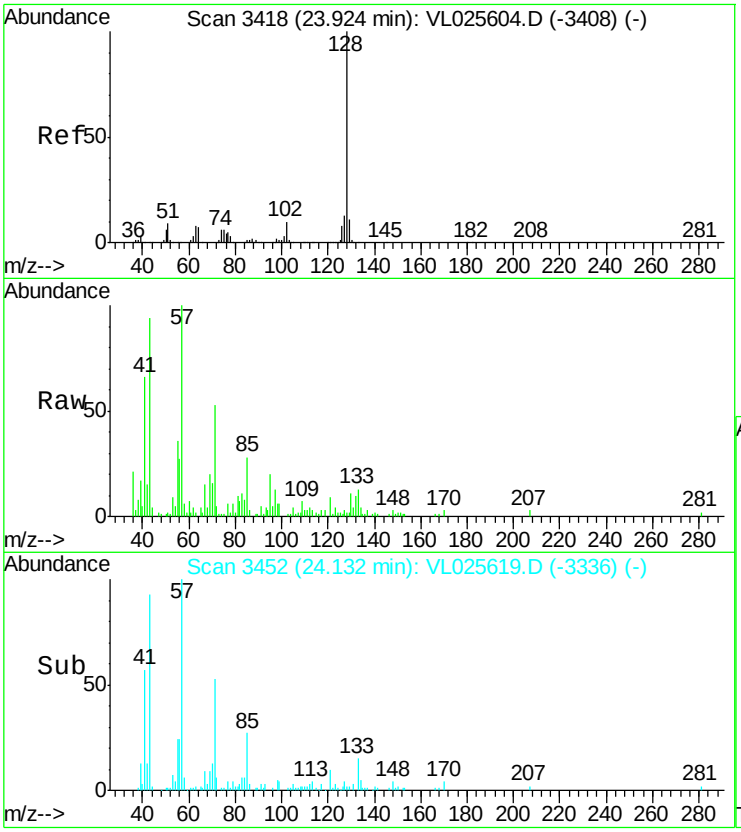


#78
Hexachloro-1,3-Butadiene
Concen: 0.00 ppbv
RT: 24.69 min Scan# 3543
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:225 Resp: 224

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	50.5	75.7#



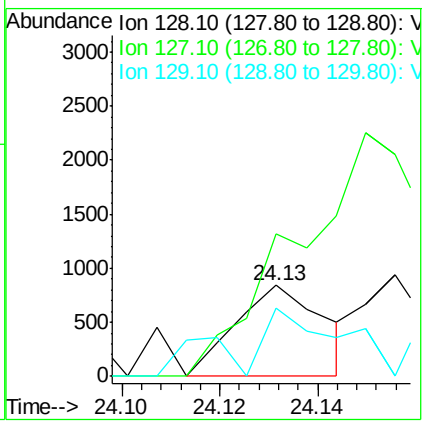


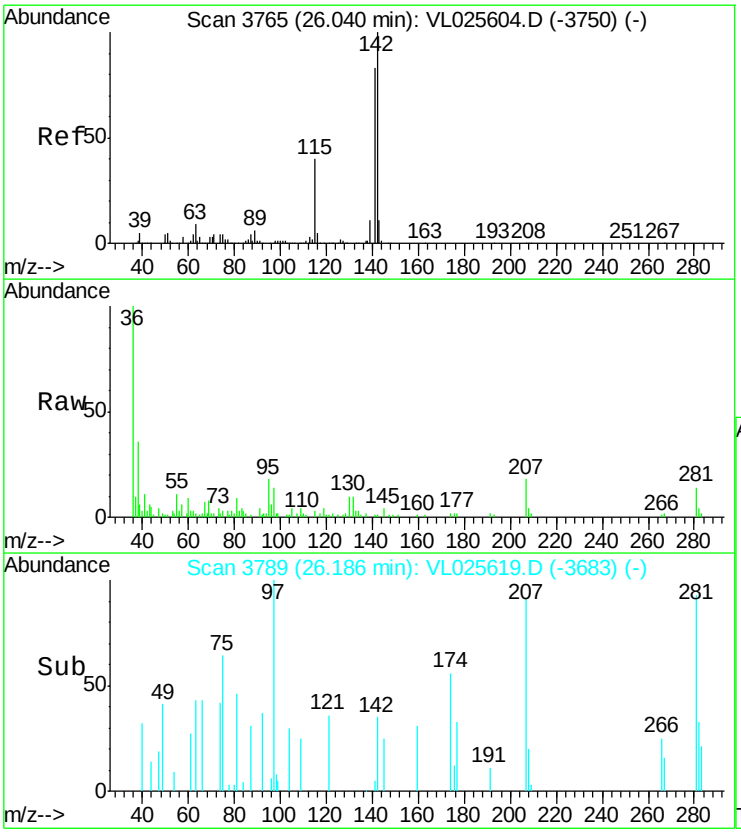
#79
Naphthalene
Concen: 0.00 ppbv
RT: 24.13 min Scan# 3452
Delta R.T. 0.21 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:128 Resp: 1047

Ion	Ratio	Lower	Upper
128	100		
127	156.5	10.8	16.2#
129	34.9	9.0	13.4#

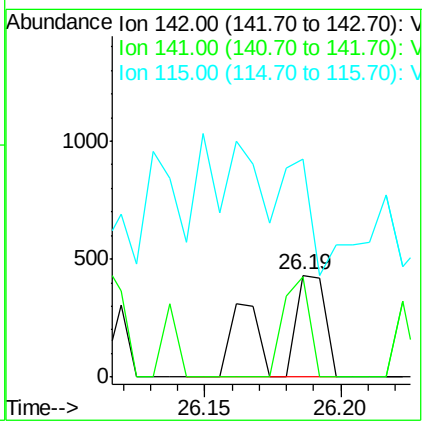


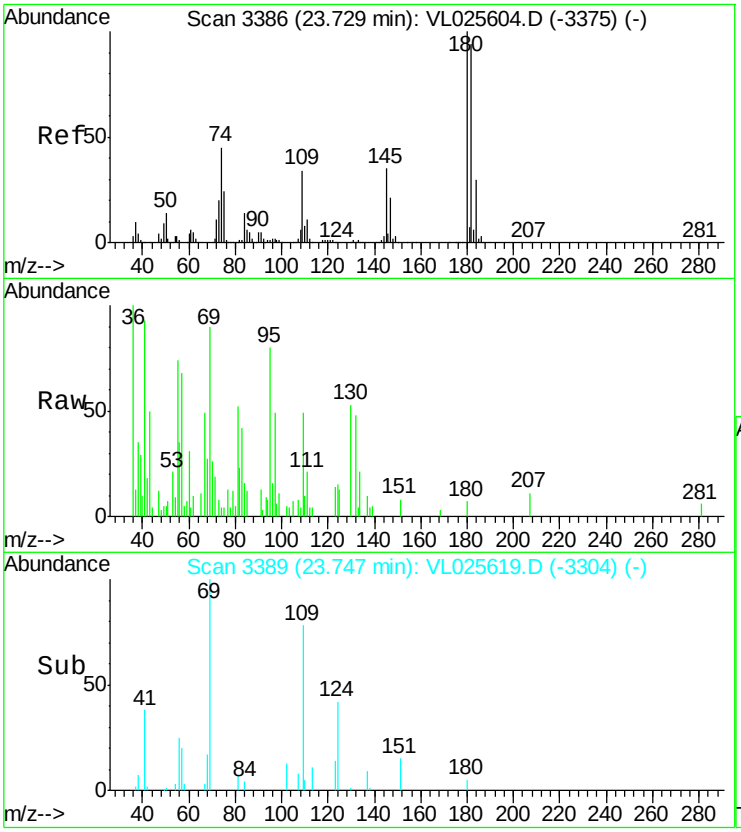


#80
Naphthalene,2-methyl-
Concen: 0.00 ppbv
RT: 26.19 min Scan# 3789
Delta R.T. 0.15 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion:142 Resp: 536

Ion	Ratio	Lower	Upper
142	100		
141	52.2	67.1	100.7#
115	291.6	33.9	50.9#





#81
1,2,4-Trichlorobenzene
Concen: 0.01 ppbv
RT: 23.75 min Scan# 3389
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tgt Ion:180 Resp: 1345

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.1	114.1#
184	0.0	24.4	36.6#