Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
Data File : VL032253.D
Acq On : 13 Jul 2018 20:06
Operator : SY/AP
Sample : J3753-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Quant Time: Jul 14 03:19:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.85	49	1485628	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.39	114	3350300	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.34	117	3854410	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.67	95	2888100	9.68	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	122325	0.572	ppbv		98
3) Chlorodifluoromethane	3.07	51	144142	0.790	ppbv	#	81
4) Chloromethane	3.22	50	40383	0.389	ppbv		90
5) Vinyl Chloride	3.34	62	3015	0.029	ppbv	#	71
7) Chloroethane	3.66	64	47907	1.360	ppbv		98
9) Propene	3.09	41	199872	2.568	ppbv		95
10) Heptane	8.34	43	290886	1.316	ppbv		98
11) Trichlorofluoromethane	4.07	101	76920	0.376	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.62	101	828692	6.341	ppbv		100
13) Ethanol	3.74	45	10604457	472.072	ppbv		97
15) Acetone	3.96	43	7474252	43.355	ppbv		99
16) 1,3-Butadiene	3.40	39	166943	1.916	ppbv	#	10
17) tert-Butyl alcohol	4.46	59	1076416	13.373	ppbv		99
18) 1,1-Dichloroethene	4.42	96	175359	2.883	ppbv		94
19) Isopropyl Alcohol	4.13	45	6648062	58.729	ppbv	#	98
20) Methylene Chloride	4.48	84	439307	7.520	ppbv		96
21) Allyl Chloride	4.51	41	13224	0.131	ppbv	#	20
22) trans-1,2-Dichloroethene	5.04	96	57571	0.994	ppbv		83
23) Vinyl Acetate	5.22	43	617832	2.155	ppbv	#	77
24) 1,1-Dichloroethane	5.17	63	3007057	14.937	ppbv		99
25) Ethyl Acetate	5.85	43	654424	1.918	ppbv	#	84
26) Hexane	5.86	57	571448	3.672	ppbv	#	59
27) Carbon Disulfide	4.69	76	2967	0.021	ppbv	#	1
29) Chloroform	5.93	83	19127	0.080	ppbv		98
30) Cyclohexane	7.34	84	82854	0.603	ppbv		89
31) cis-1,2-Dichloroethene	5.72	61	18530	0.119	ppbv	#	91
32) 1,1,1-Trichloroethane	6.71	97	17160994	73.613	ppbv		94
34) 2-Butanone	5.41	43	1574038	6.896	ppbv		99
35) Carbon Tetrachloride	7.23	117	8485	0.037	ppbv	#	78
36) Benzene	7.10	78	189470	0.569	ppbv		98
37) 1,2-Dichloroethane	6.71	62	1430019	7.845	ppbv	#	1
39) 1,2-Dichloropropane	7.38	63	917552	6.934	ppbv	#	26
41) Tetrahydrofuran	6.24	42	86435	0.677	ppbv		95
42) Bromodichloromethane	8.02	83	5834	0.022	ppbv	#	52
43) Methyl Methacrylate	8.22	69	11301	0.088	ppbv	#	75
44) 2,2,4-Trimethylpentane	8.09	57	1825358	3.188	ppbv		96
50) 4-Methyl-2-Pentanone	8.97	43	284422	0.720	ppbv		90
51) 2-Hexanone	10.37	43	81634	0.248	ppbv	#	82
52) Tetrachloroethene	11.47	164	7366	0.060	ppbv		90
53) Toluene	10.04	91	2170715	5.514	ppbv		99
56) 1,1,1,2-Tetrachloroethane	11.93	131	49506	0.296	ppbv	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
Data File : VL032253.D
Acq On : 13 Jul 2018 20:06
Operator : SY/AP
Sample : J3753-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Quant Time: Jul 14 03:19:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Chlorobenzene	12.40	112	17524	0.054	ppbv	#	47
58) Ethyl Benzene	12.96	91	629518	1.122	ppbv		95
59) m/p-Xylene	13.21	91	1851626	4.010	ppbv		99
60) o-Xylene	13.94	91	751189	1.648	ppbv		100
61) Styrene	13.78	104	32662	0.096	ppbv	#	65
62) Isopropylbenzene	14.92	105	52042	0.081	ppbv		99
64) n-propylbenzene	15.81	120	19753	0.122	ppbv	#	1
65) tert-Butylbenzene	17.02	119	87894	0.164	ppbv	#	65
66) Benzyl Chloride	17.02	91	101267	0.374	ppbv	#	67
69) p-Isopropyltoluene	17.91	119	1516109	2.490	ppbv		100
70) n-Butylbenzene	18.82	91	26813	0.040	ppbv	#	1
71) 2-Chlorotoluene	15.82	91	119667	0.238	ppbv	#	46
72) 4-Ethyltoluene	16.10	105	218144	0.427	ppbv		95
73) 1,3,5-Trimethylbenzene	16.25	105	203459	0.428	ppbv		95
74) 1,2,4-Trimethylbenzene	17.02	105	803878	1.654	ppbv	#	71
75) 1,3-Dichlorobenzene	17.26	146	538039	1.855	ppbv	#	34
76) 1,4-Dichlorobenzene	17.26	146	538039	1.894	ppbv	#	35
79) Naphthalene	22.54	128	37895	0.116	ppbv		96
80) Naphthalene,2-methyl-	25.20	142	11598	0.111	ppbv	#	79

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
Data File : VL032253.D
Acq On : 13 Jul 2018 20:06
Operator : SY/AP
Sample : J3753-03
Misc : 400ml/MSVOA_L
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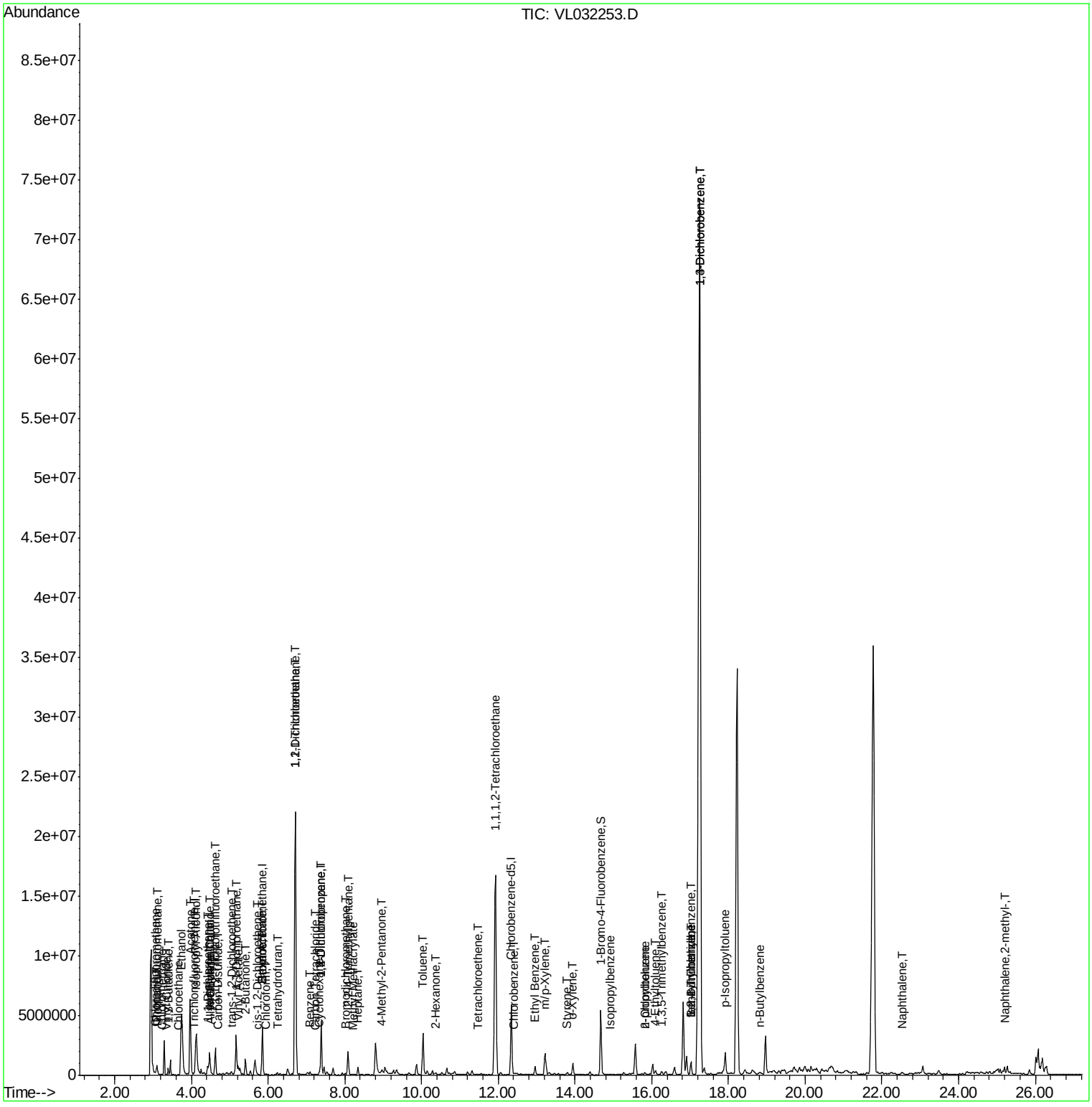
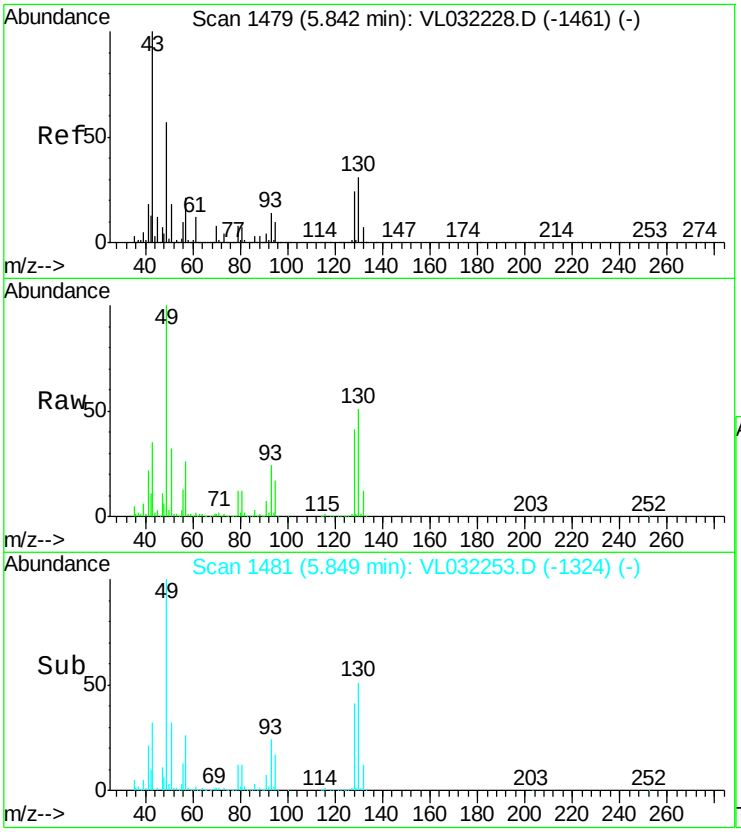
Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Quant Time: Jul 14 03:19:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration



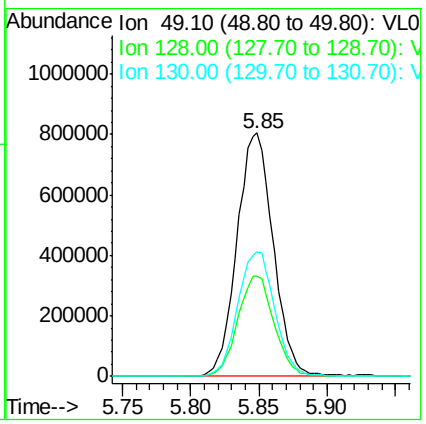


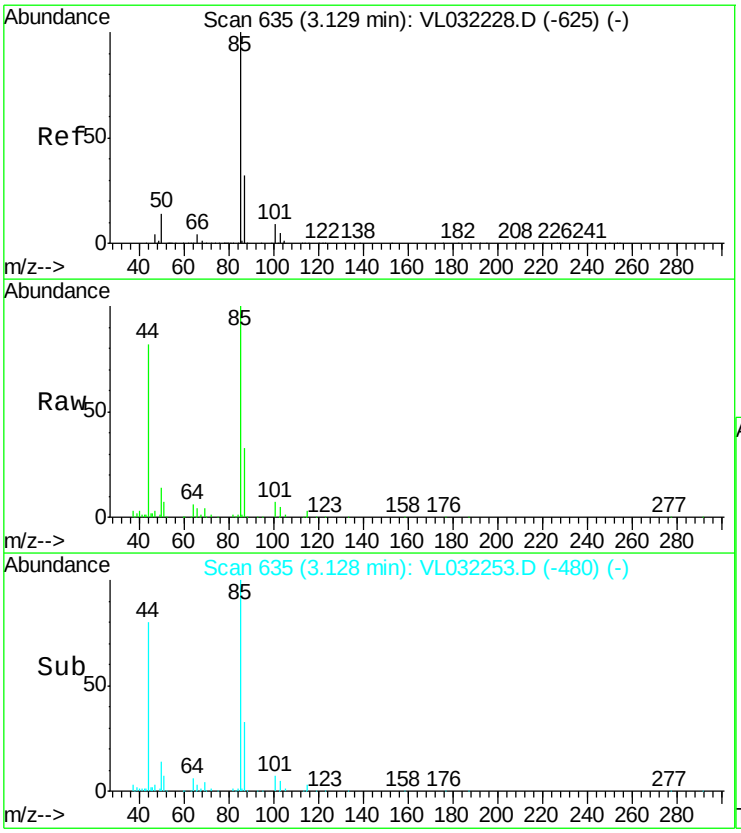
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 49 Resp: 1485628

Ion	Ratio	Lower	Upper
49	100		
128	41.3	20.9	62.8
130	52.4	27.0	81.0

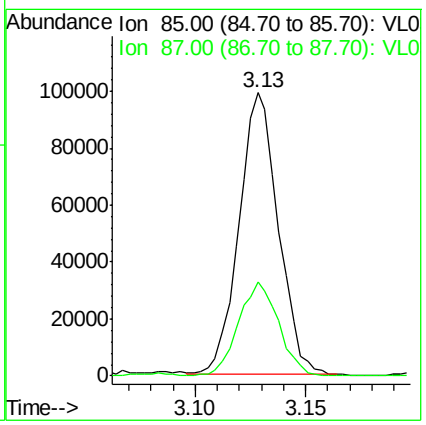


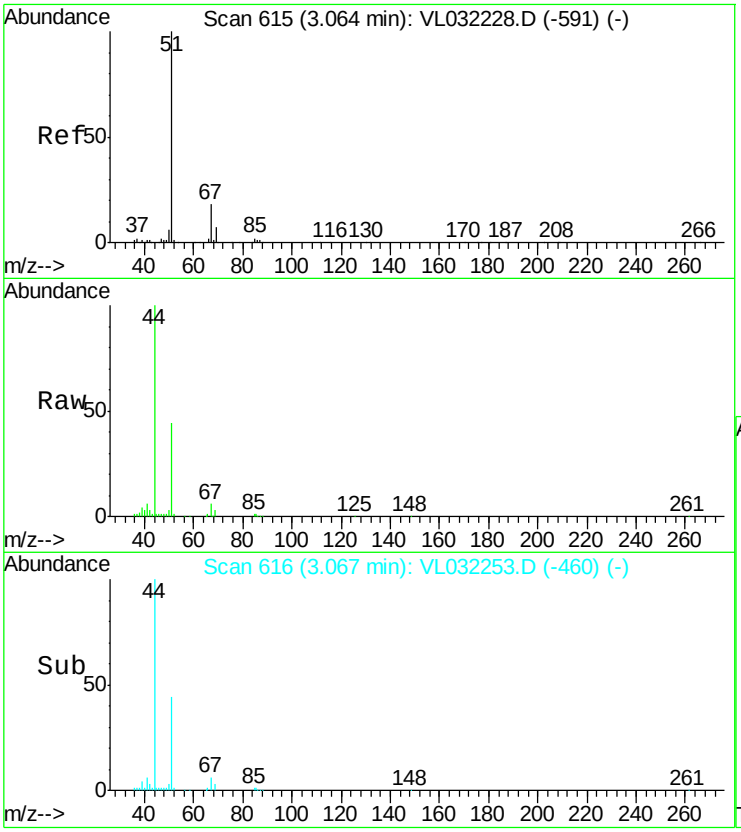


#2
Dichlorodifluoromethane
Concen: 0.572 ppbv
RT: 3.13 min Scan# 635
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 85 Resp: 122325

Ion	Ratio	Lower	Upper
85	100		
87	33.4	25.8	38.6



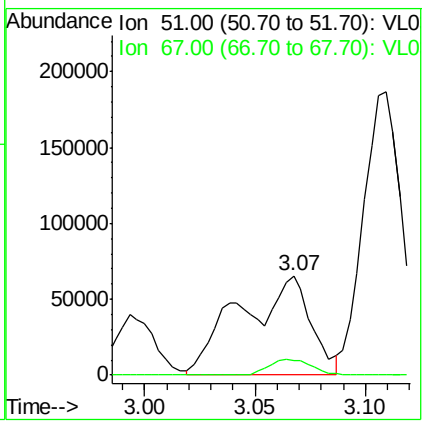


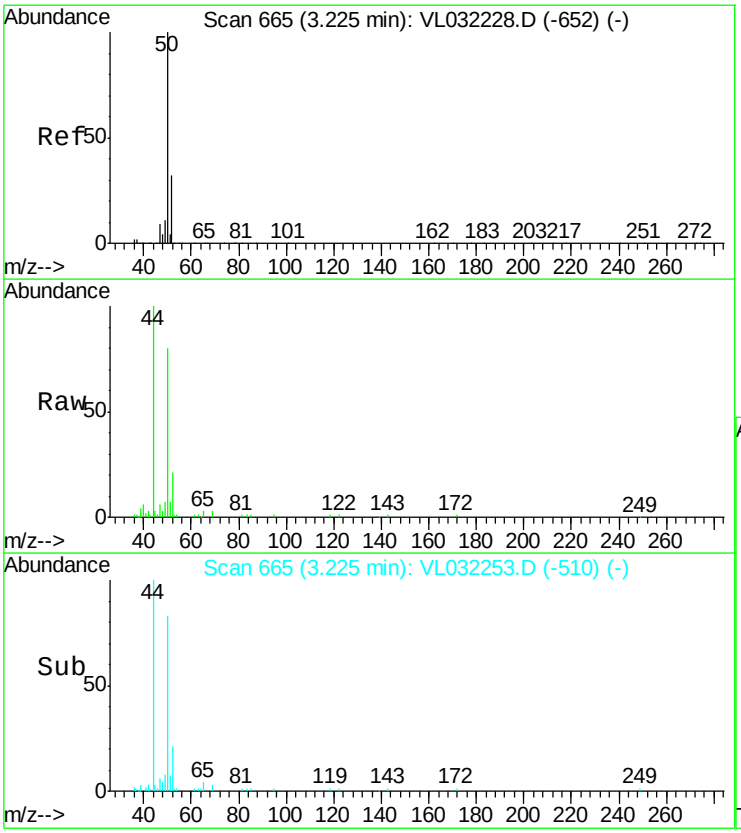
#3
Chlorodifluoromethane
Concen: 0.790 ppbv
RT: 3.07 min Scan# 616
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 51 Resp: 144142

Ion	Ratio	Lower	Upper
51	100		
67	9.7	14.6	22.0#

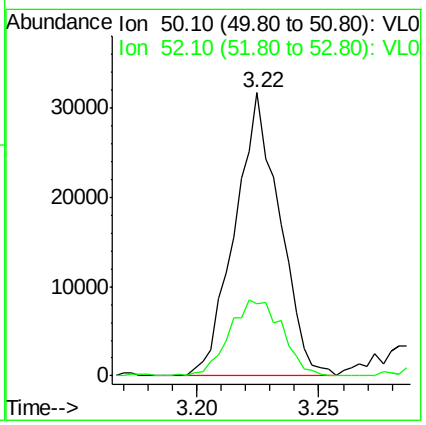


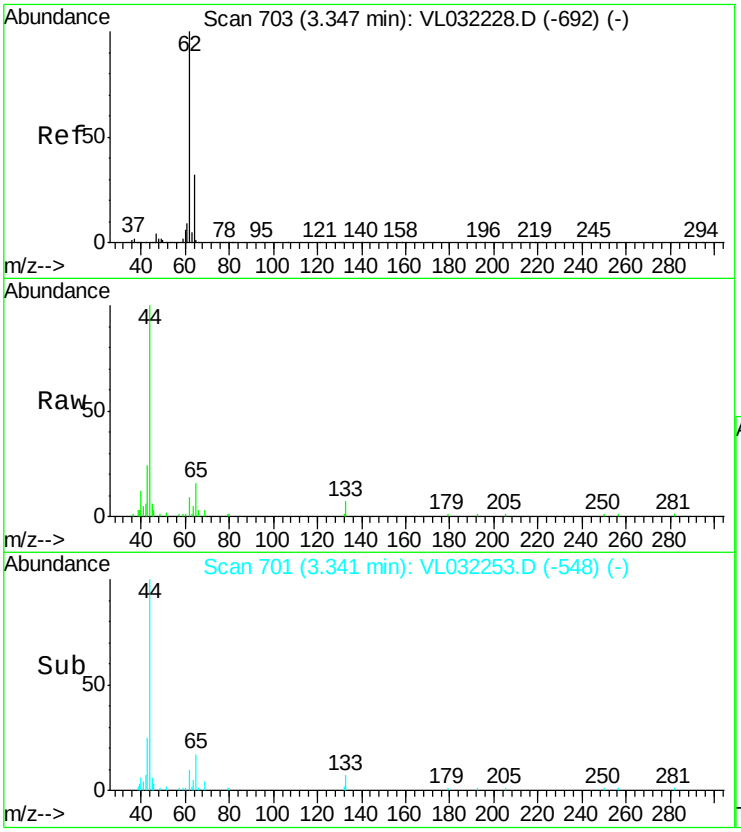


#4
Chloromethane
Concen: 0.389 ppbv
RT: 3.22 min Scan# 665
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 50 Resp: 40383

Ion	Ratio	Lower	Upper
50	100		
52	26.4	25.7	38.5



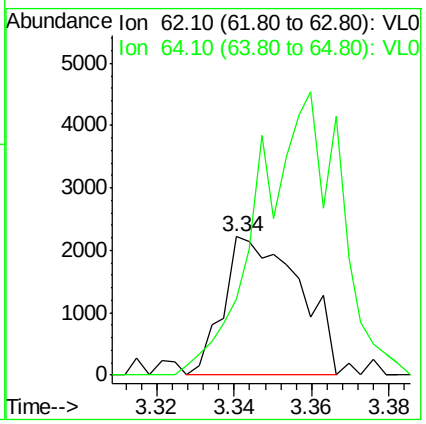


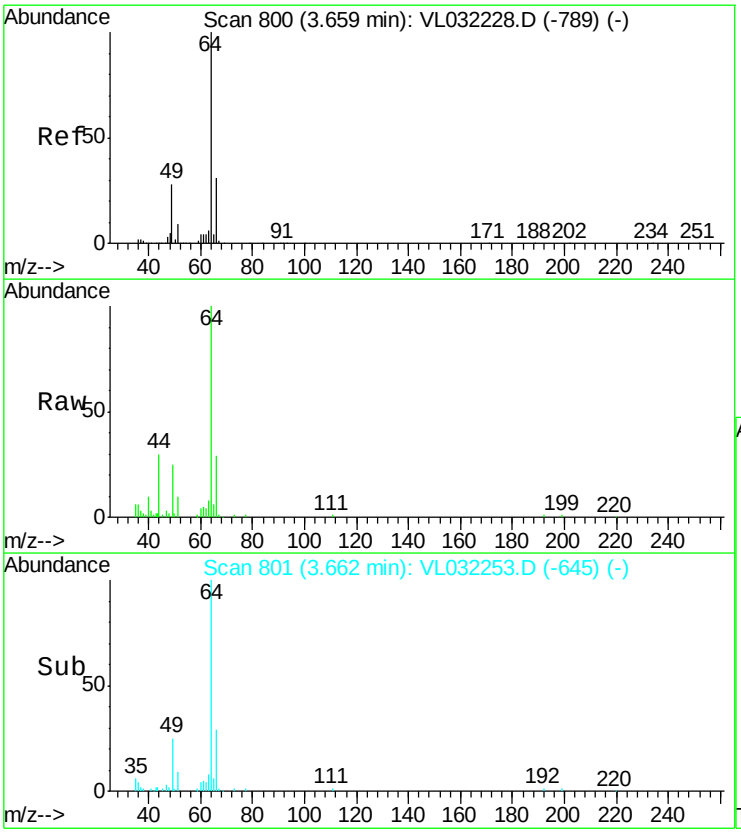
#5
Vinyl Chloride
Concen: 0.029 ppbv
RT: 3.34 min Scan# 701
Delta R.T. -0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 62 Resp: 3015

Ion	Ratio	Lower	Upper
62	100		
64	48.5	25.8	38.6#

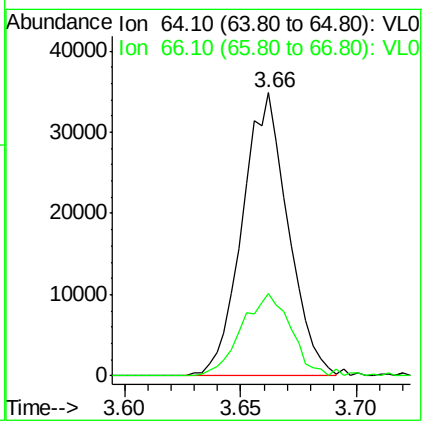


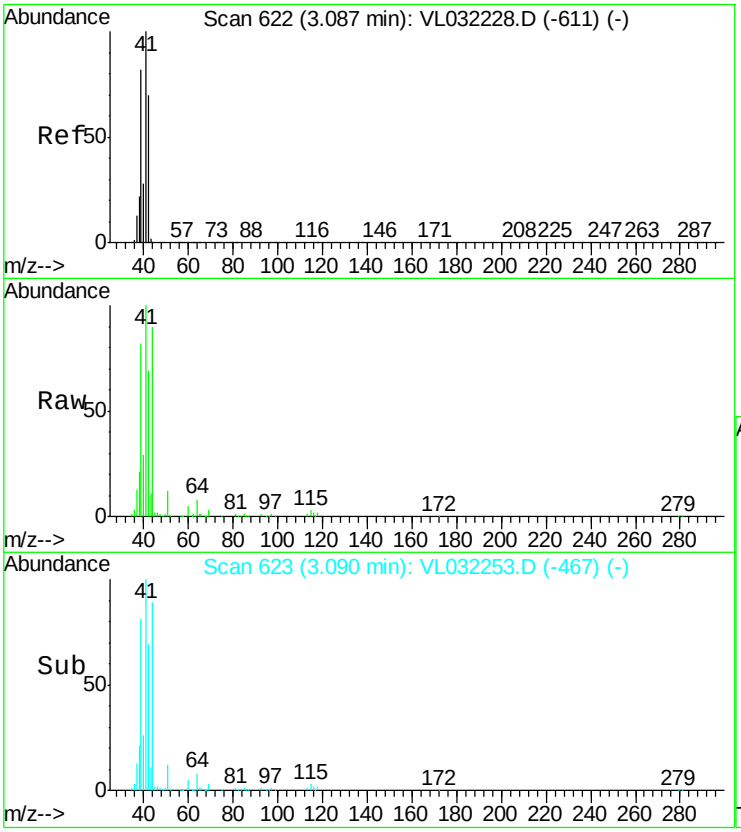


#7
Chloroethane
Concen: 1.360 ppbv
RT: 3.66 min Scan# 801
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 64 Resp: 47907

Ion	Ratio	Lower	Upper
64	100		
66	29.2	24.4	36.6



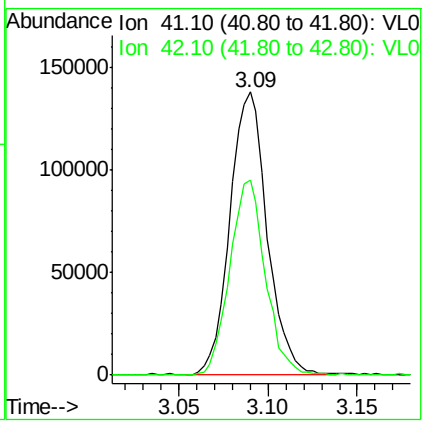


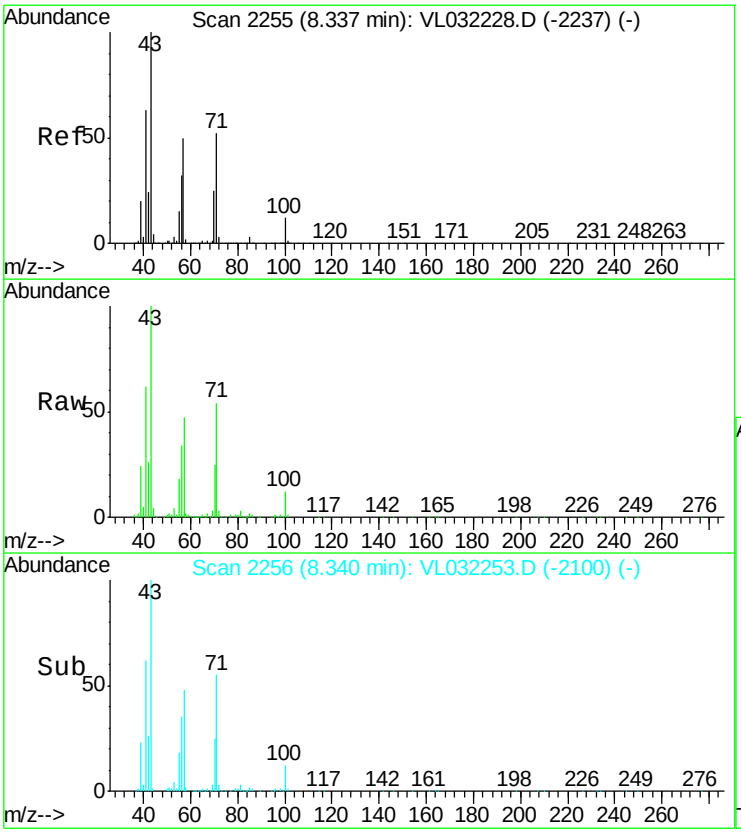
#9
Propene
Concen: 2.568 ppbv
RT: 3.09 min Scan# 623
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 41 Resp: 199872

Ion	Ratio	Lower	Upper
41	100		
42	66.0	56.2	84.4

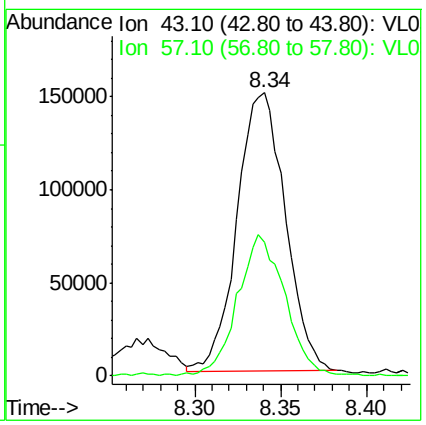


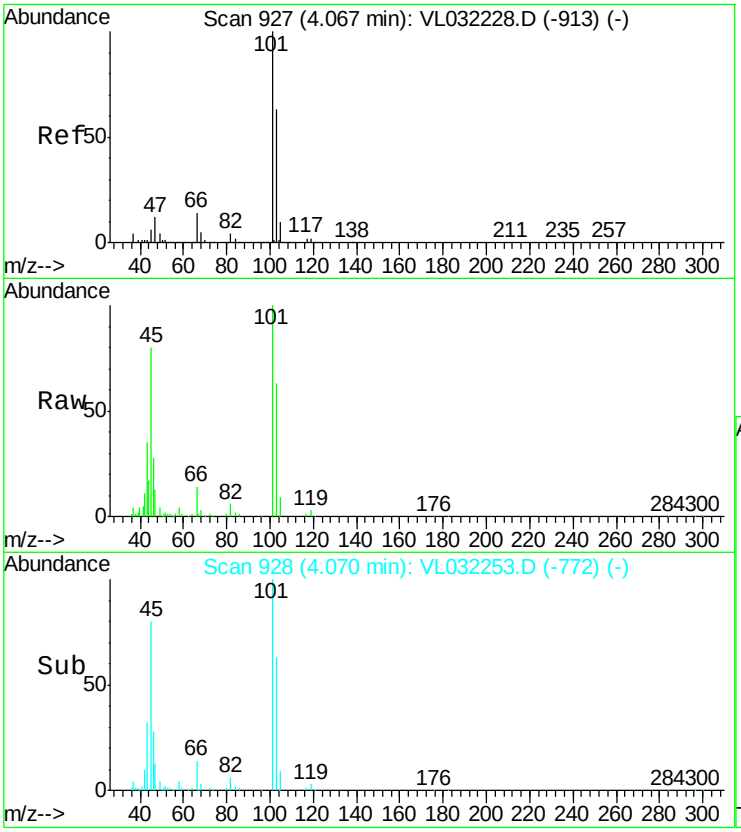


#10
Heptane
Concen: 1.316 ppbv
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 43 Resp: 290886

Ion	Ratio	Lower	Upper
43	100		
57	49.4	40.7	61.1



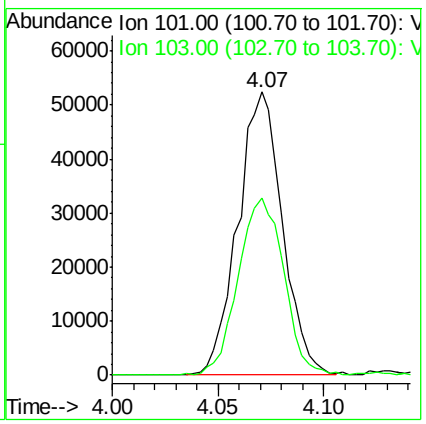


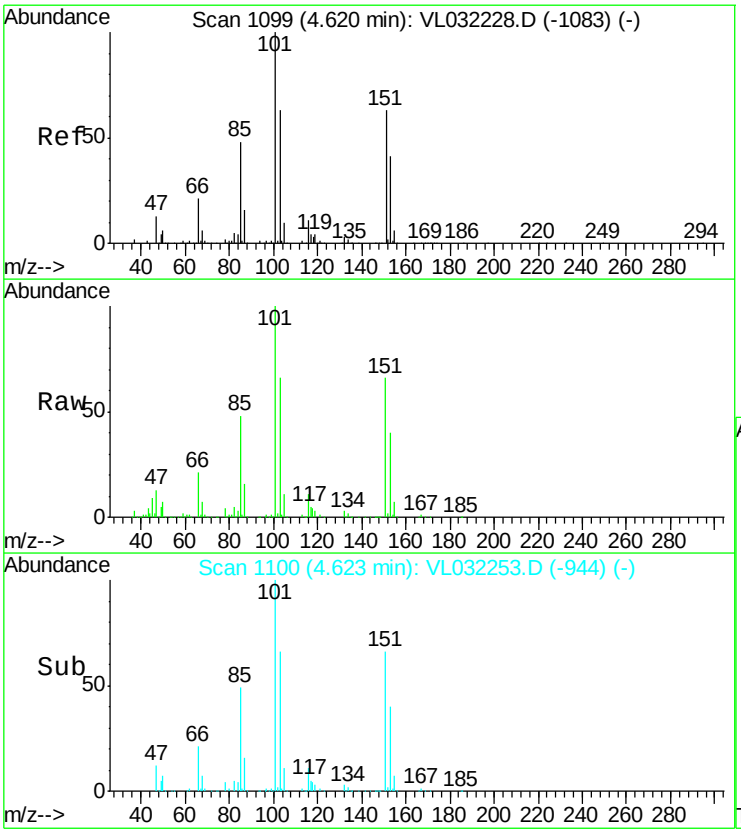
#11
Trichlorofluoromethane
Concen: 0.376 ppbv
RT: 4.07 min Scan# 928
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:101 Resp: 76920

Ion	Ratio	Lower	Upper
101	100		
103	62.0	50.2	75.2

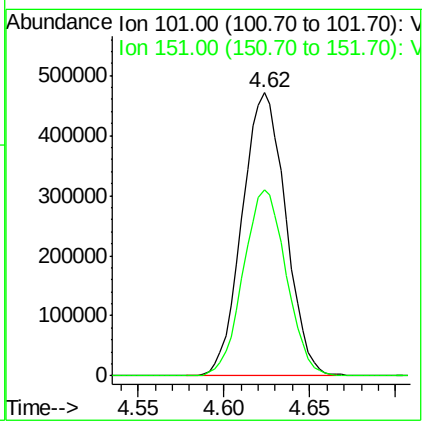


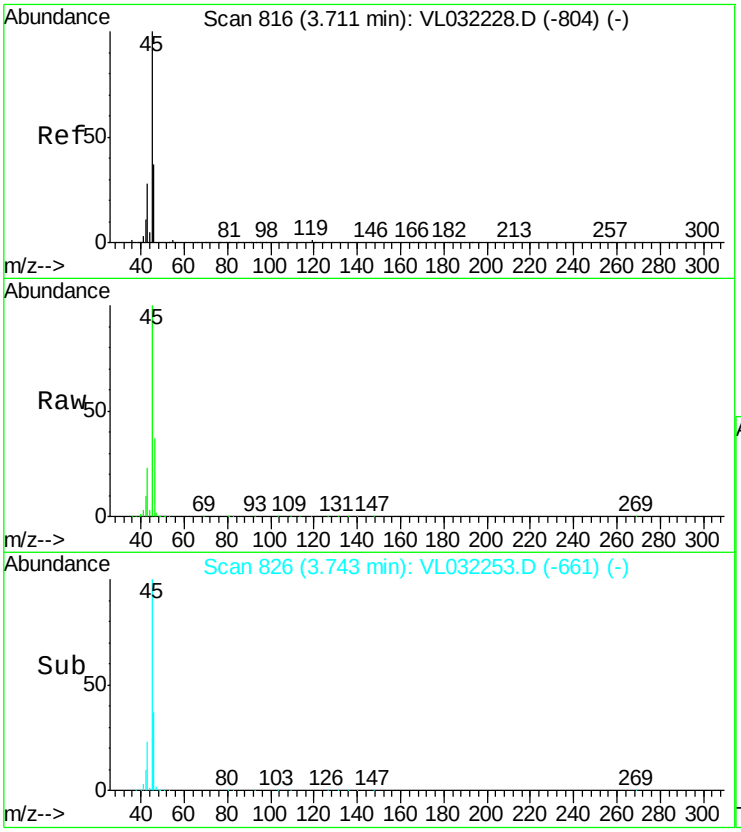


#12
1,1,2-Trichlorotrifluoroethane
Concen: 6.341 ppbv
RT: 4.62 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:101 Resp: 828692

Ion	Ratio	Lower	Upper
101	100		
151	64.9	52.2	78.2



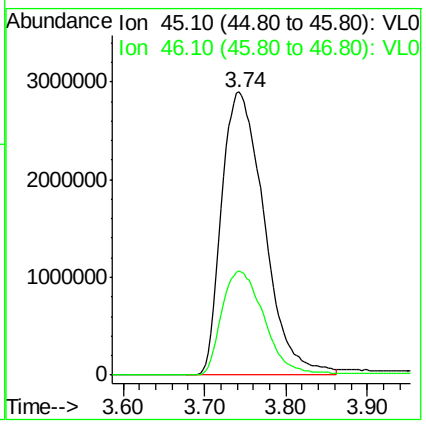


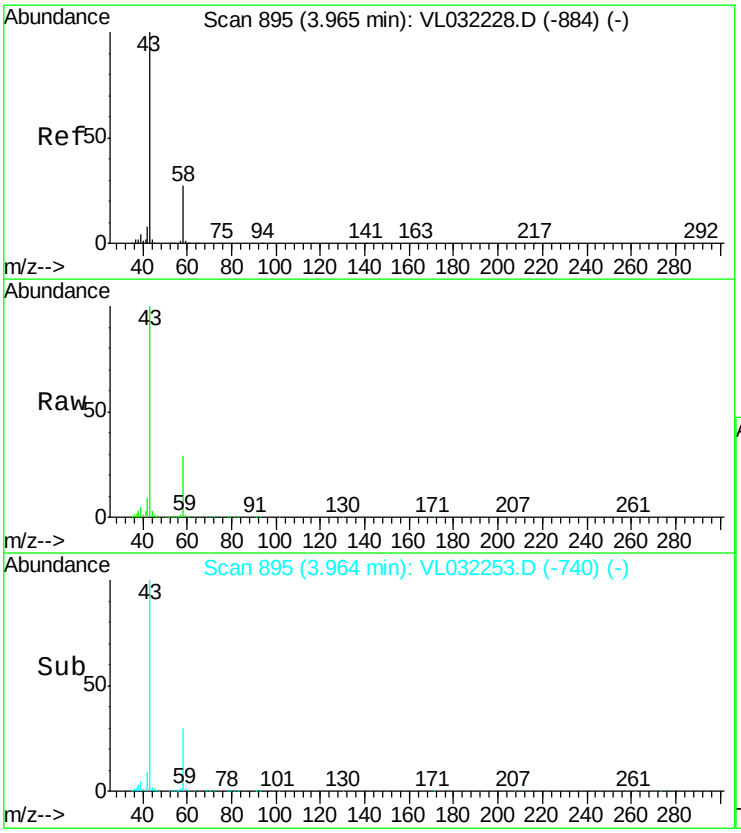
#13
Ethanol
Concen: 472.072 ppbv
RT: 3.74 min Scan# 826
Delta R.T. 0.03 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 45 Resp:10604457

Ion	Ratio	Lower	Upper
45	100		
46	37.1	15.5	61.9

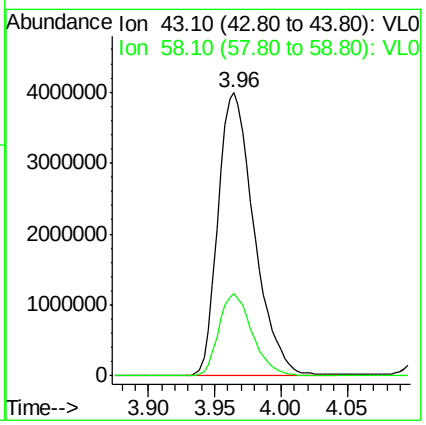


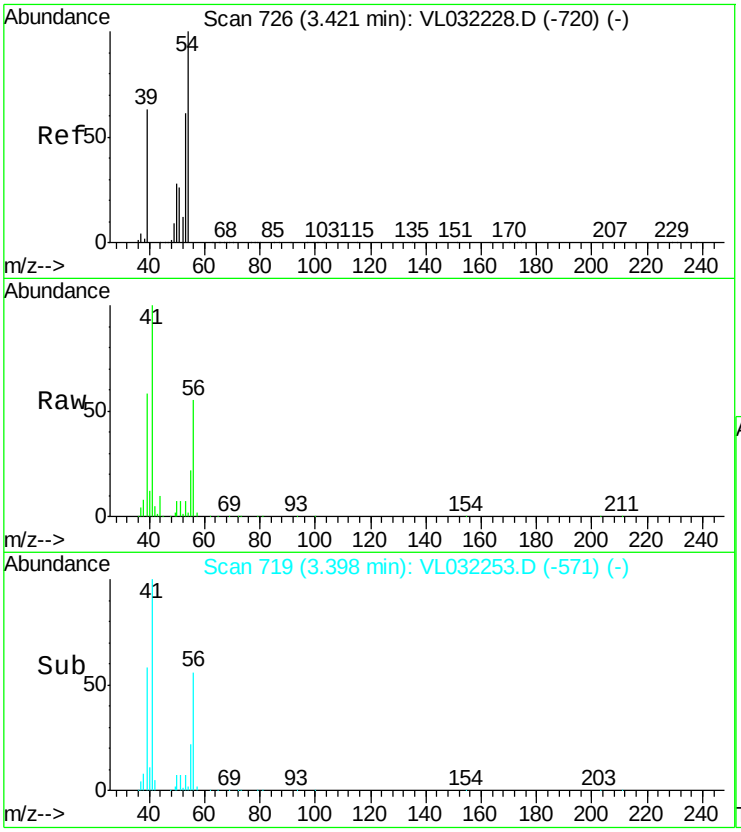


#15
Acetone
Concen: 43.355 ppbv
RT: 3.96 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 43 Resp: 7474252

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.5	32.3



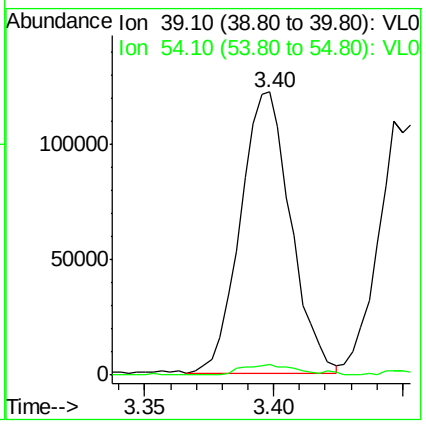


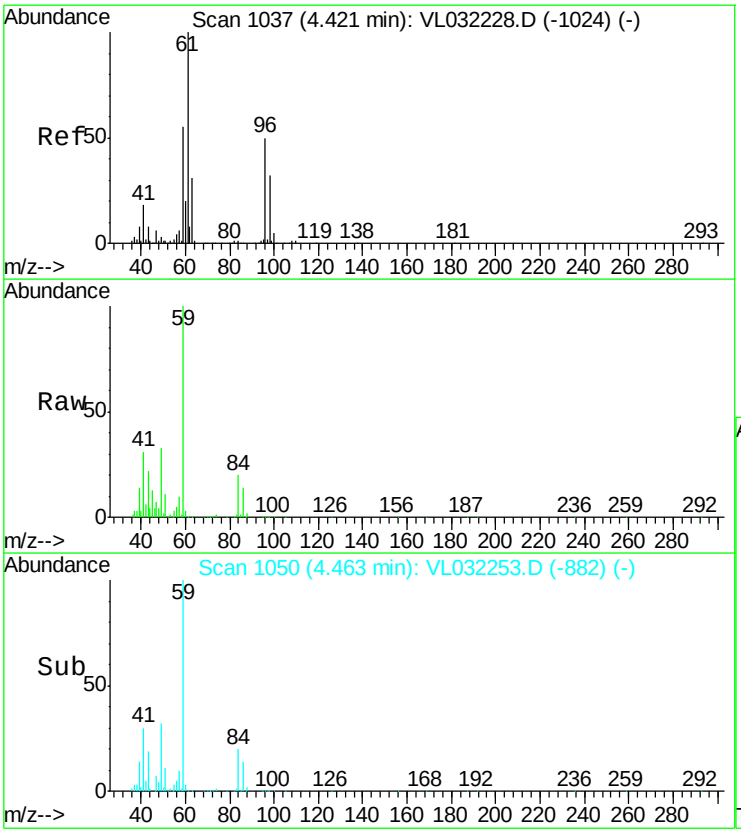
#16
1,3-Butadiene
Concen: 1.916 ppbv
RT: 3.40 min Scan# 719
Delta R.T. -0.02 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 39 Resp: 166943

Ion	Ratio	Lower	Upper
39	100		
54	4.3	70.0	105.0#

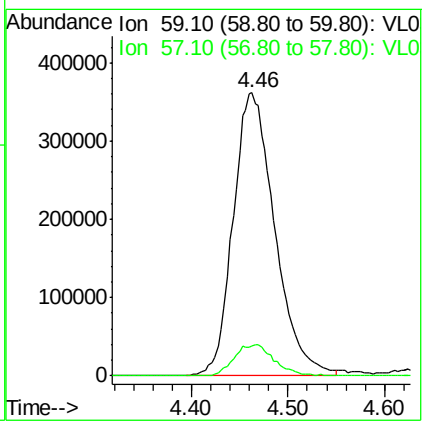


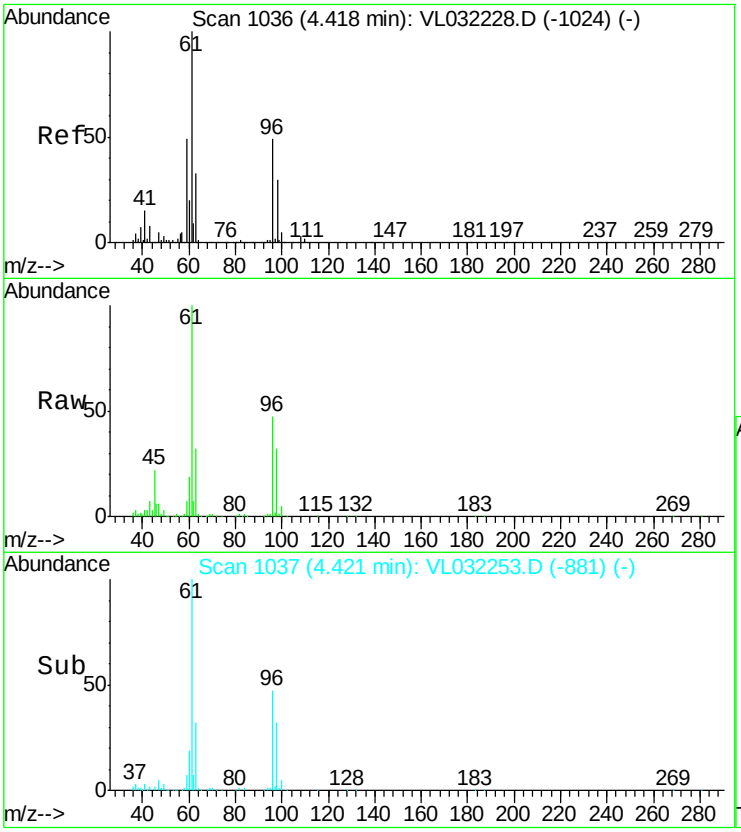


#17
tert-Butyl alcohol
Concen: 13.373 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. 0.04 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 59 Resp: 1076416

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6



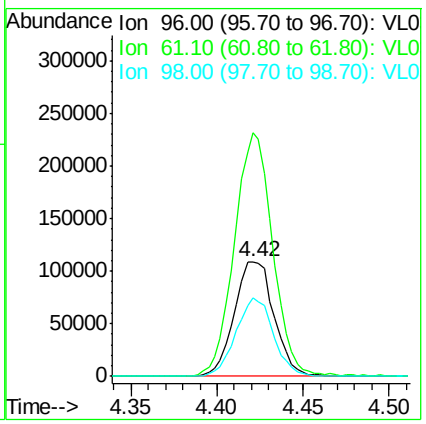


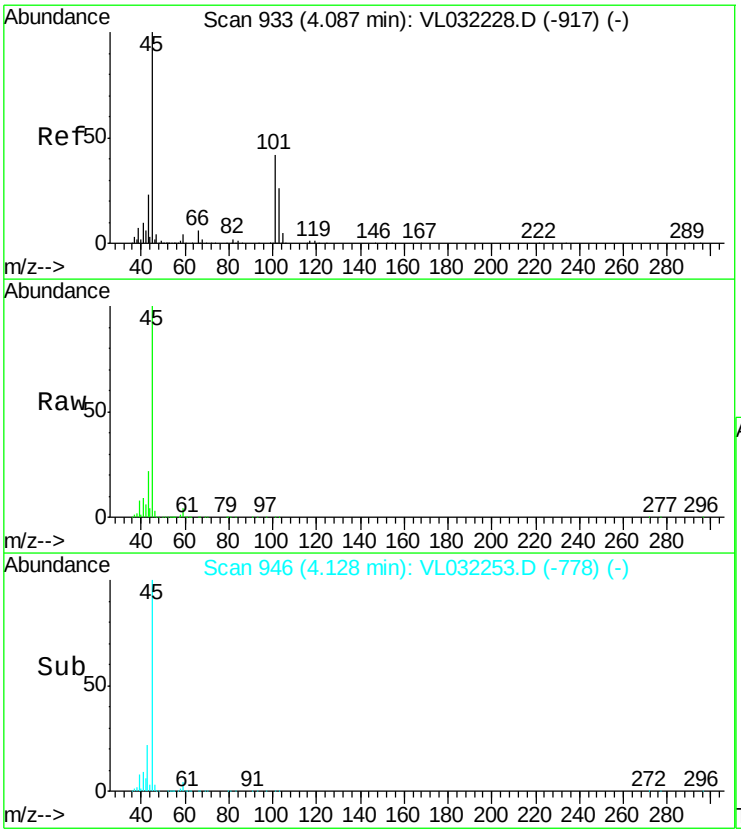
#18
1,1-Dichloroethene
Concen: 2.883 ppbv
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 96 Resp: 175359

Ion	Ratio	Lower	Upper
96	100		
61	211.4	163.0	244.4
98	68.7	48.5	72.7

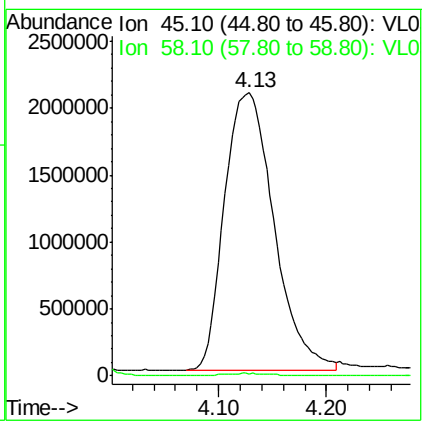


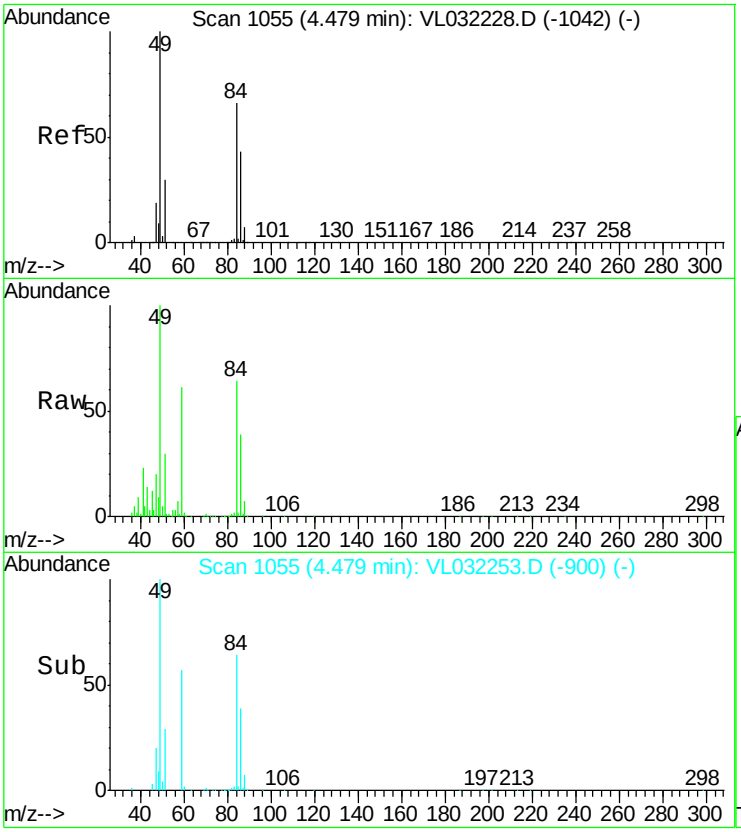


#19
Isopropyl Alcohol
Concen: 58.729 ppbv
RT: 4.13 min Scan# 946
Delta R.T. 0.04 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 45 Resp: 6648062

Ion	Ratio	Lower	Upper
45	100		
58	0.9	1.3	1.9#



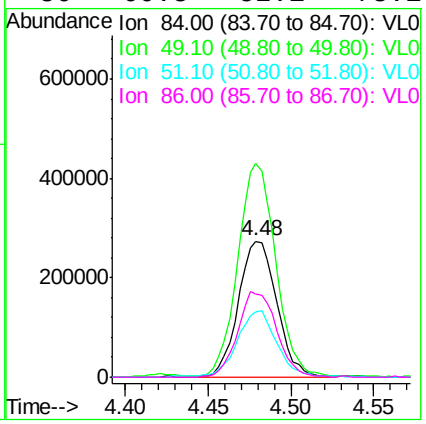


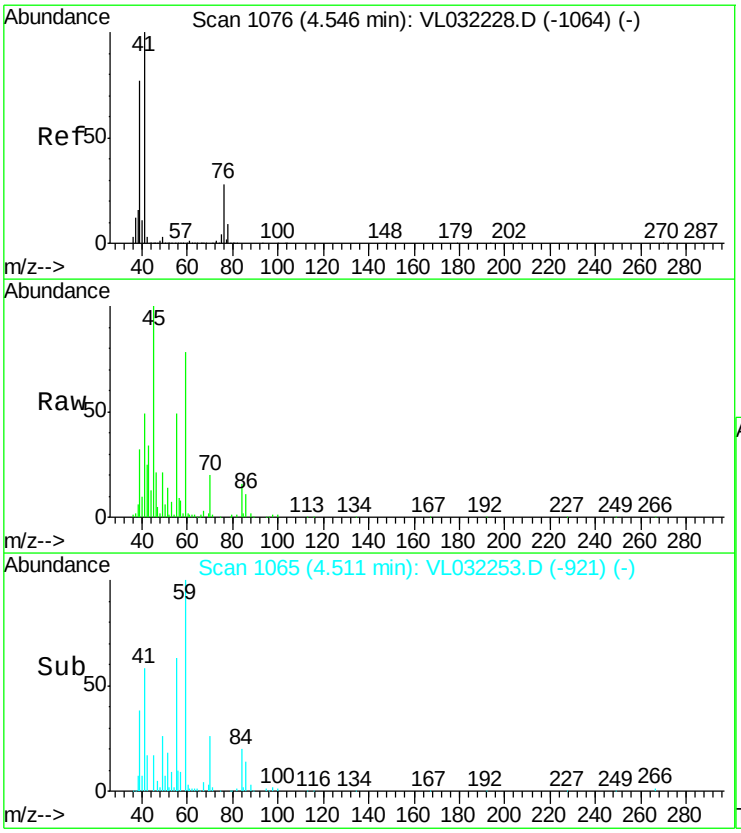
#20
Methylene Chloride
Concen: 7.520 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 84 Resp: 439307

Ion	Ratio	Lower	Upper
84	100		
49	156.6	121.8	182.6
51	46.9	36.3	54.5
86	60.8	52.1	78.1

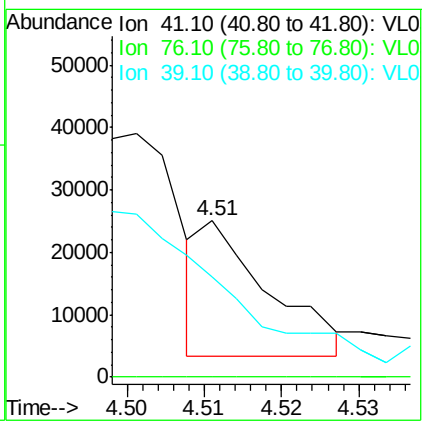


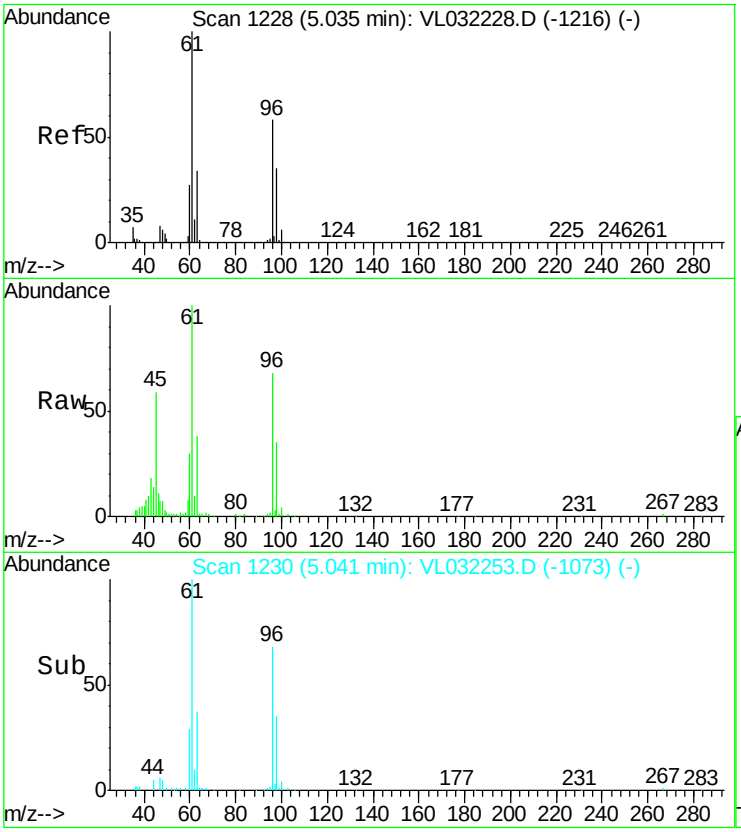


#21
Allyl Chloride
Concen: 0.131 ppbv
RT: 4.51 min Scan# 1065
Delta R.T. -0.04 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 41 Resp: 13224

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	0.0	62.3	93.5#



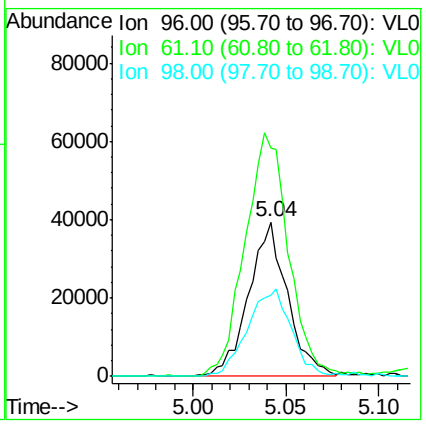


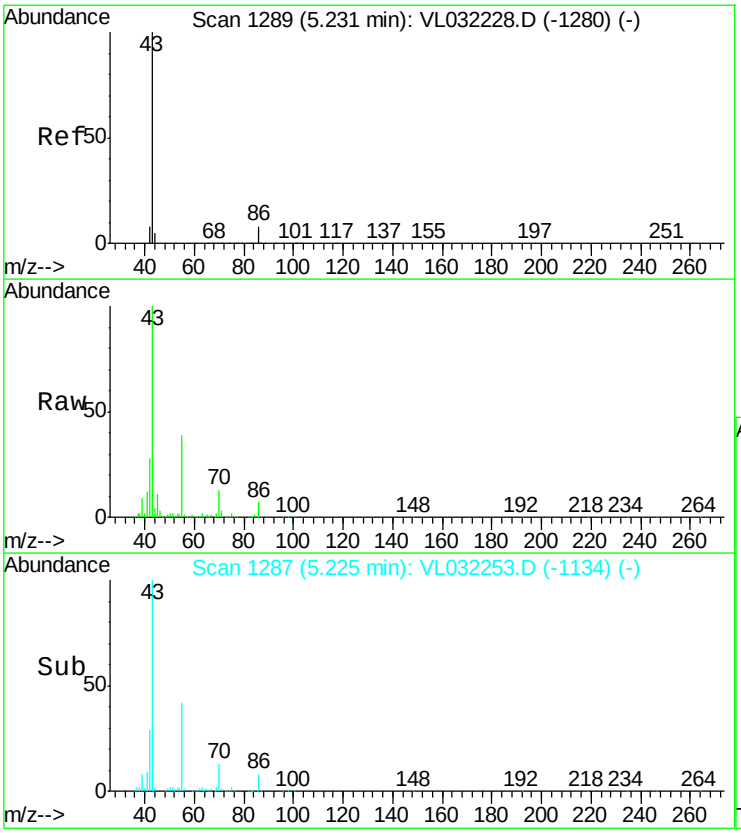
#22
trans-1,2-Dichloroethene
Concen: 0.994 ppbv
RT: 5.04 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 96 Resp: 57571

Ion	Ratio	Lower	Upper
96	100		
61	147.7	139.1	208.7
98	52.1	48.4	72.6

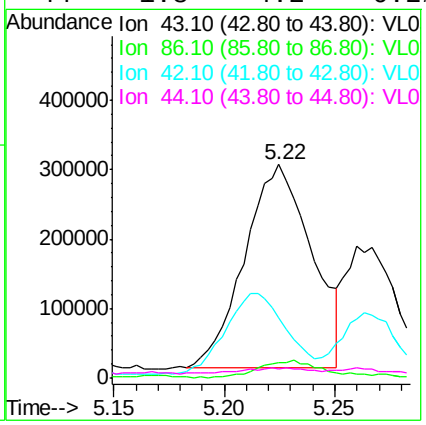


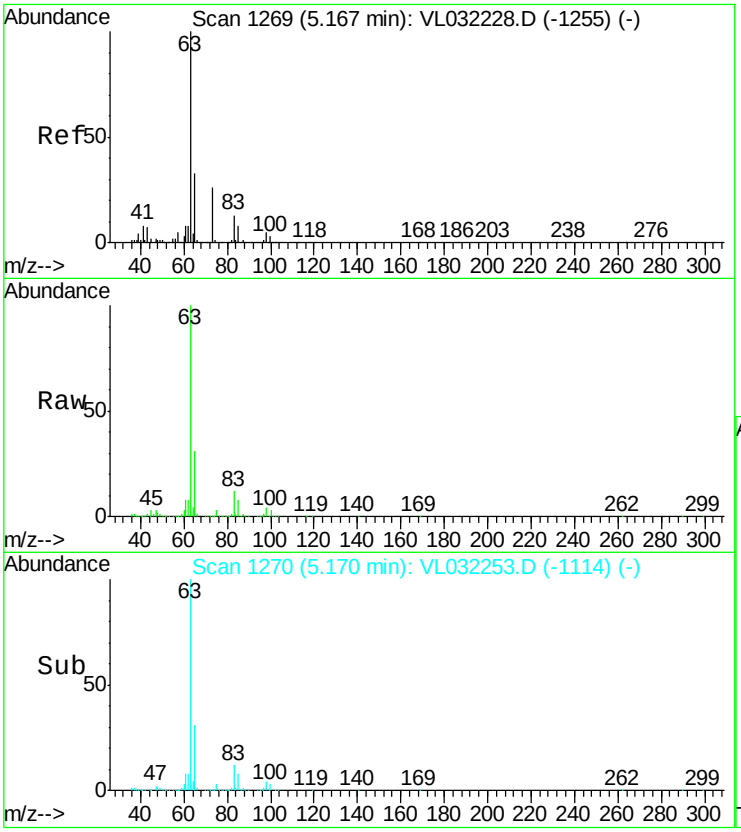


#23
Vinyl Acetate
Concen: 2.155 ppbv
RT: 5.22 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 43 Resp: 617832

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.9	8.9
42	26.7	7.0	10.6#
44	1.8	4.2	6.2#



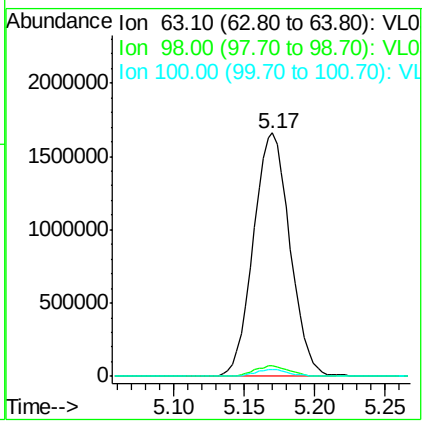


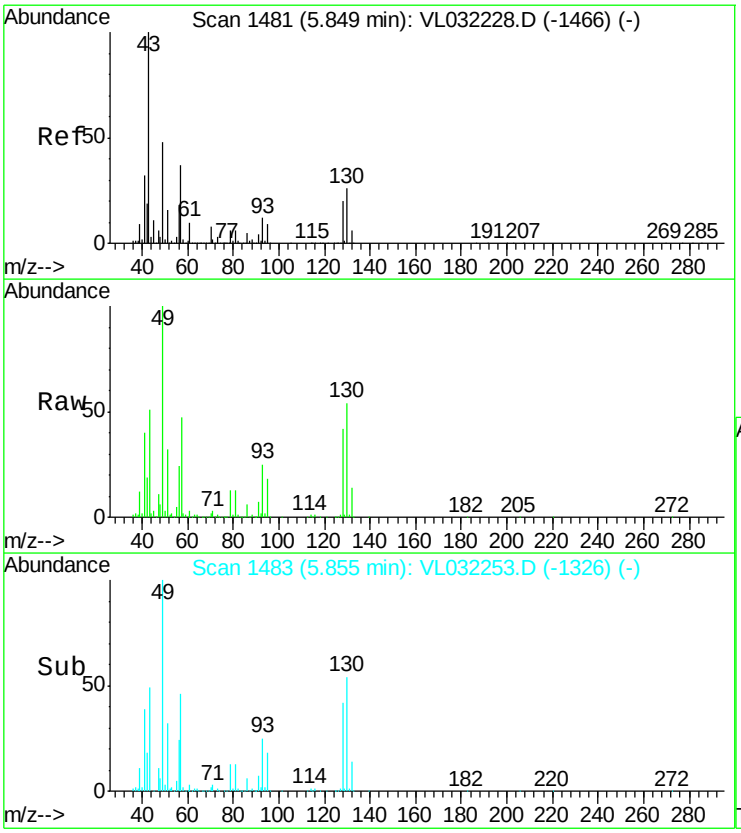
#24
1,1-Dichloroethane
Concen: 14.937 ppbv
RT: 5.17 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 63 Resp: 3007057

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.4	7.1
100	2.7	1.5	4.4

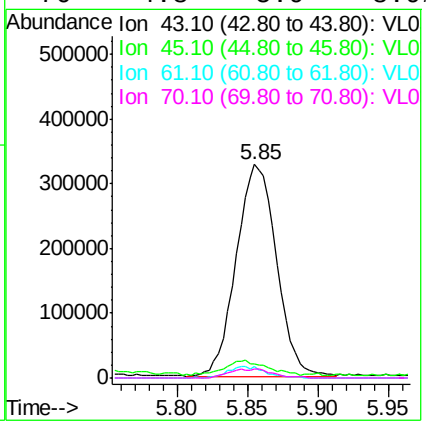


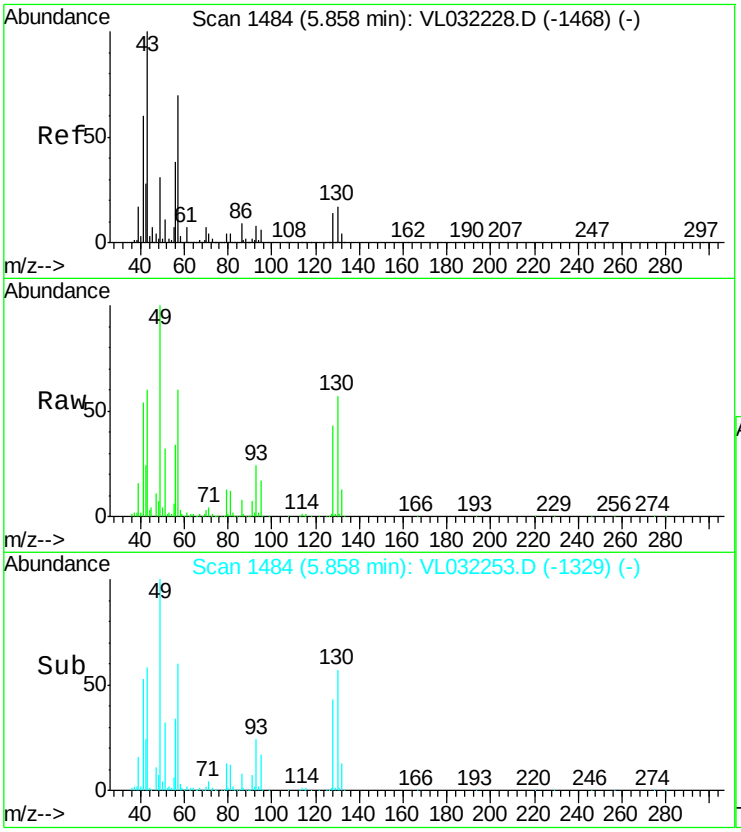


#25
Ethyl Acetate
Concen: 1.918 ppbv
RT: 5.85 min Scan# 1483
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 43 Resp: 654424

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	5.2	7.7	11.5#
70	4.8	5.9	8.9#



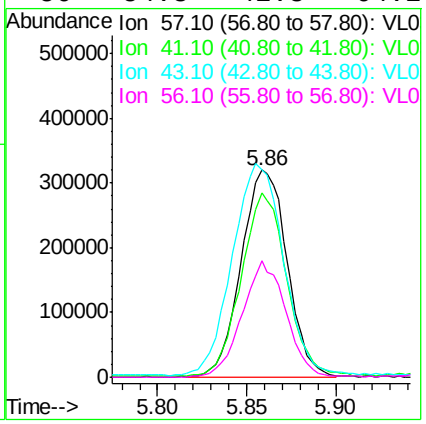


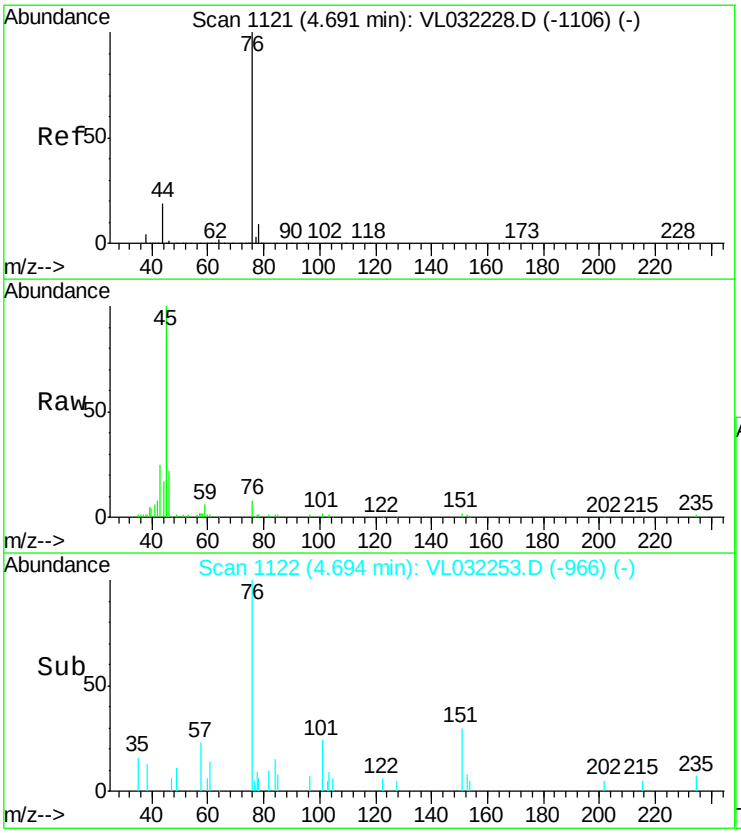
#26
Hexane
Concen: 3.672 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 57 Resp: 571448

Ion	Ratio	Lower	Upper
57	100		
41	88.9	68.7	103.1
43	115.5	176.2	264.2#
56	54.3	42.8	64.2

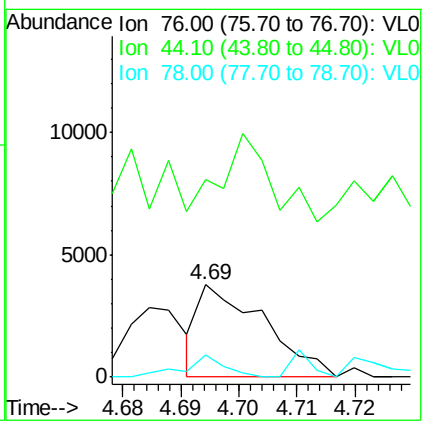


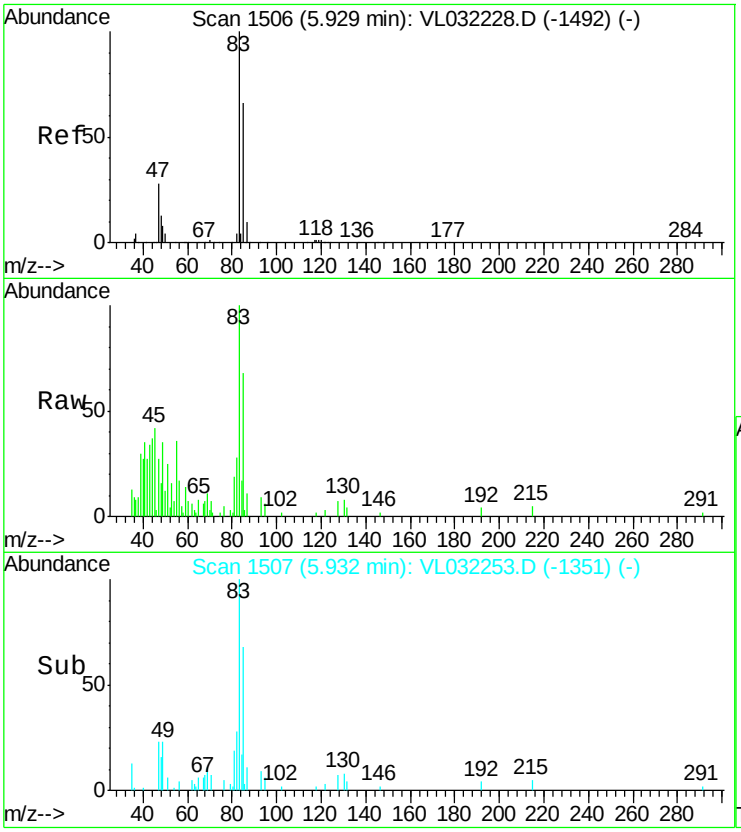


#27
Carbon Disulfide
Concen: 0.021 ppbv
RT: 4.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 76 Resp: 2967

Ion	Ratio	Lower	Upper
76	100		
44	192.7	15.1	22.7#
78	0.0	7.4	11.0#



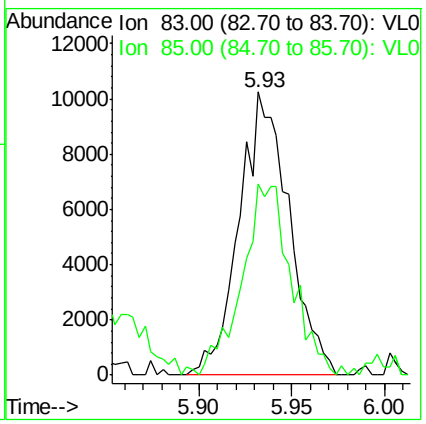


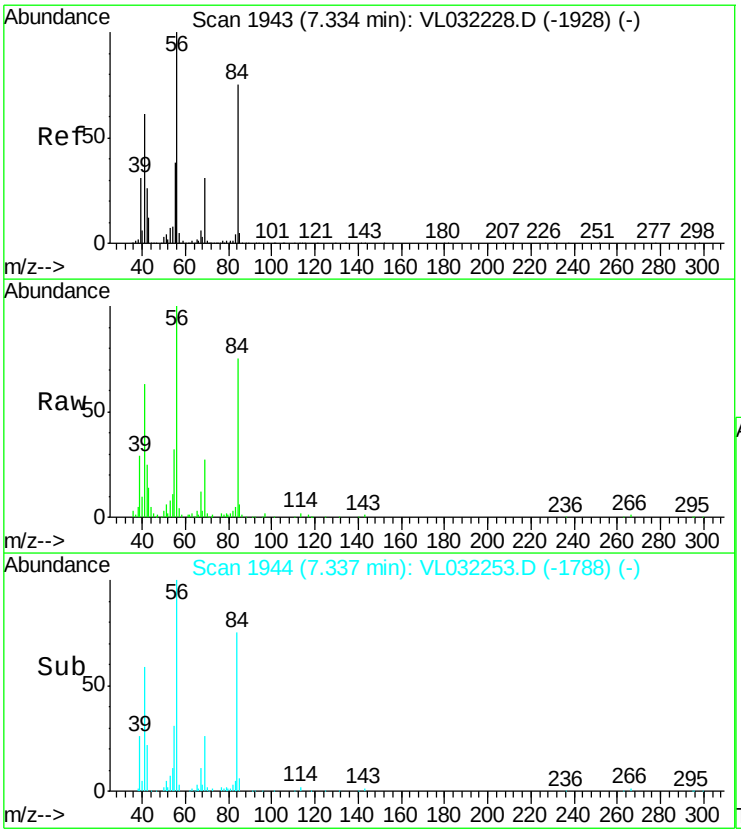
#29
Chloroform
Concen: 0.080 ppbv
RT: 5.93 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 83 Resp: 19127

Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.7	79.1

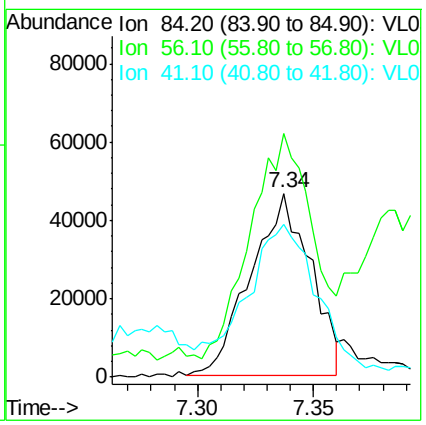


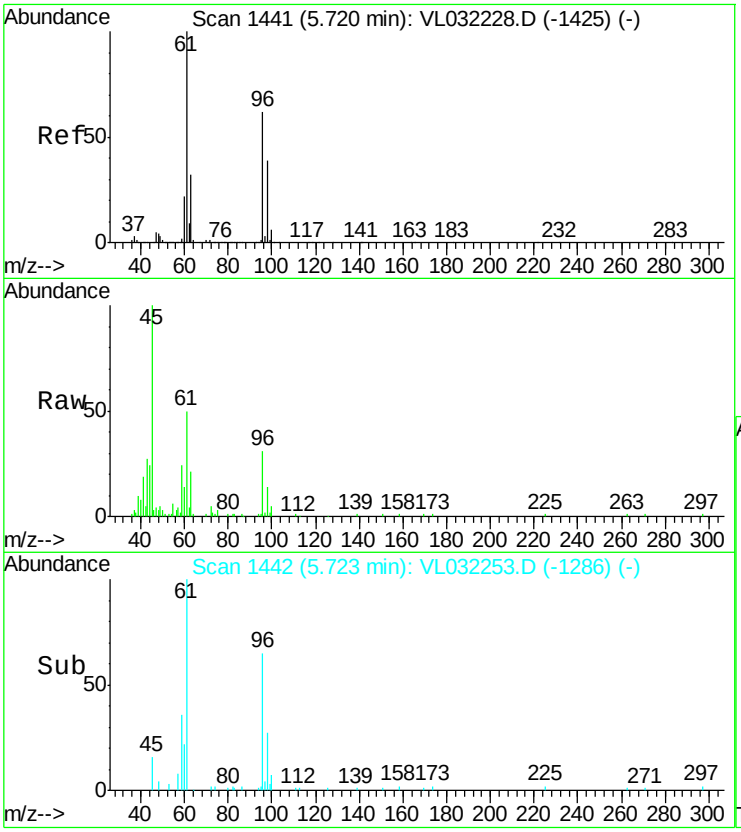


#30
Cyclohexane
Concen: 0.603 ppbv
RT: 7.34 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 84 Resp: 82854

Ion	Ratio	Lower	Upper
84	100		
56	152.3	112.6	168.8
41	96.8	67.0	100.6



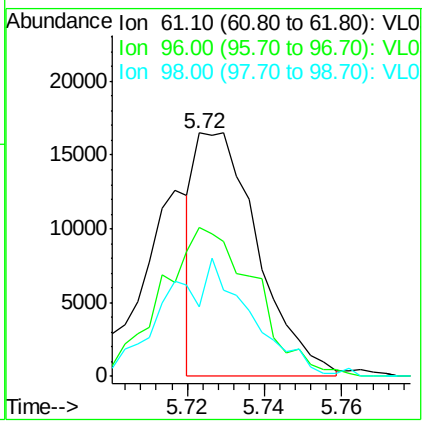


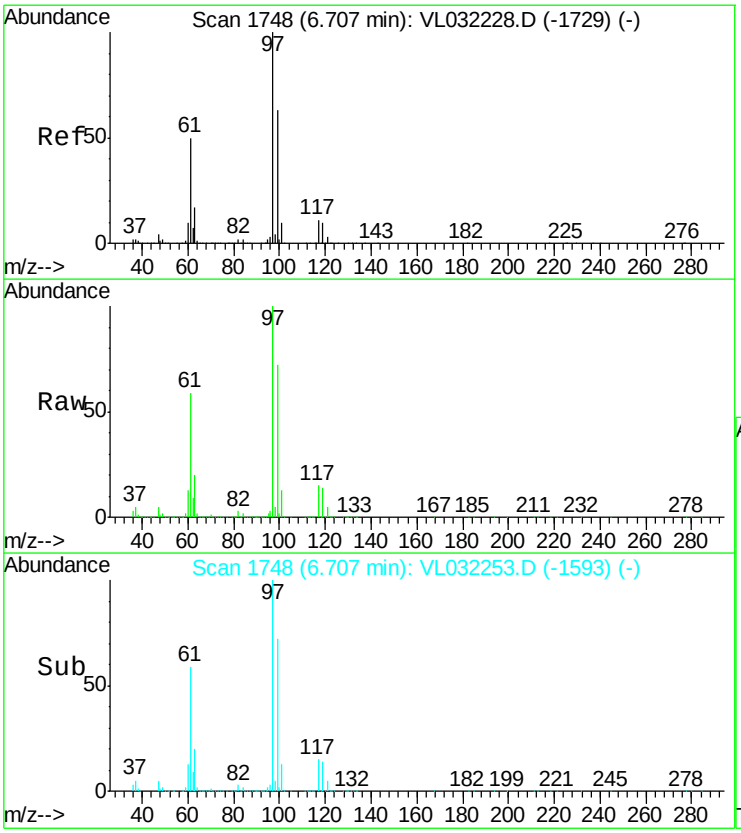
#31
cis-1,2-Dichloroethene
Concen: 0.119 ppbv
RT: 5.72 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 61 Resp: 18530

Ion	Ratio	Lower	Upper
61	100		
96	59.6	49.8	74.8
98	27.8	31.4	47.2#

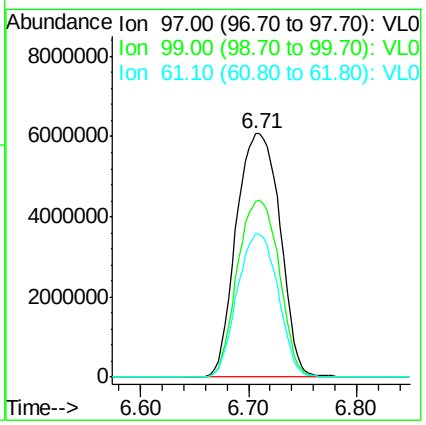


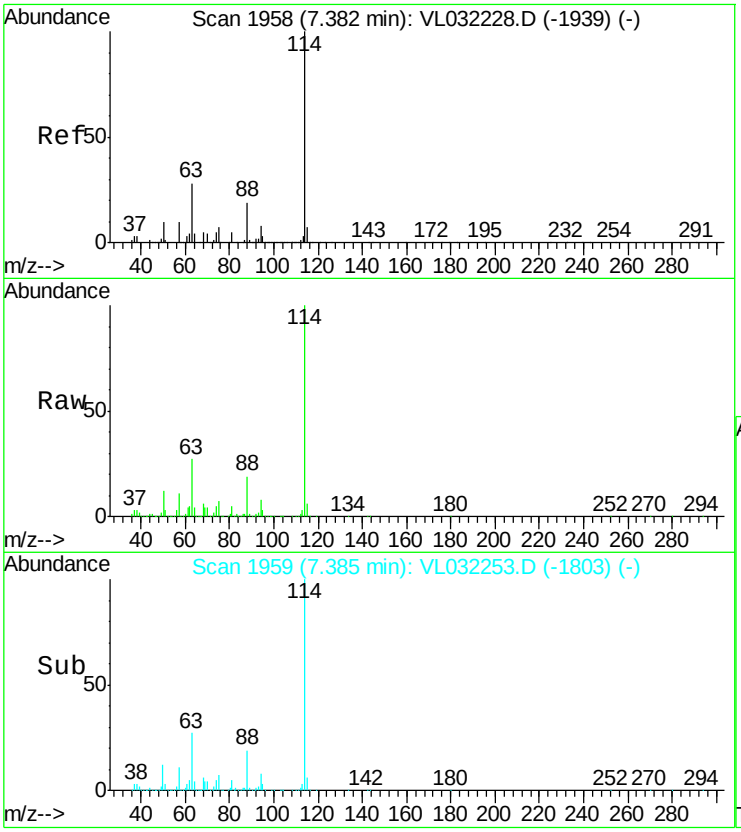


#32
1,1,1-Trichloroethane
Concen: 73.613 ppbv
RT: 6.71 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 97 Resp:17160994

Ion	Ratio	Lower	Upper
97	100		
99	69.7	51.2	76.8
61	55.0	41.3	61.9



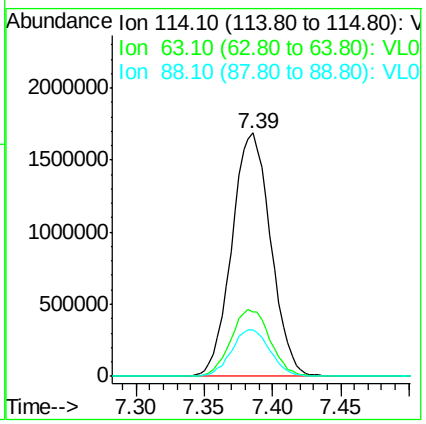


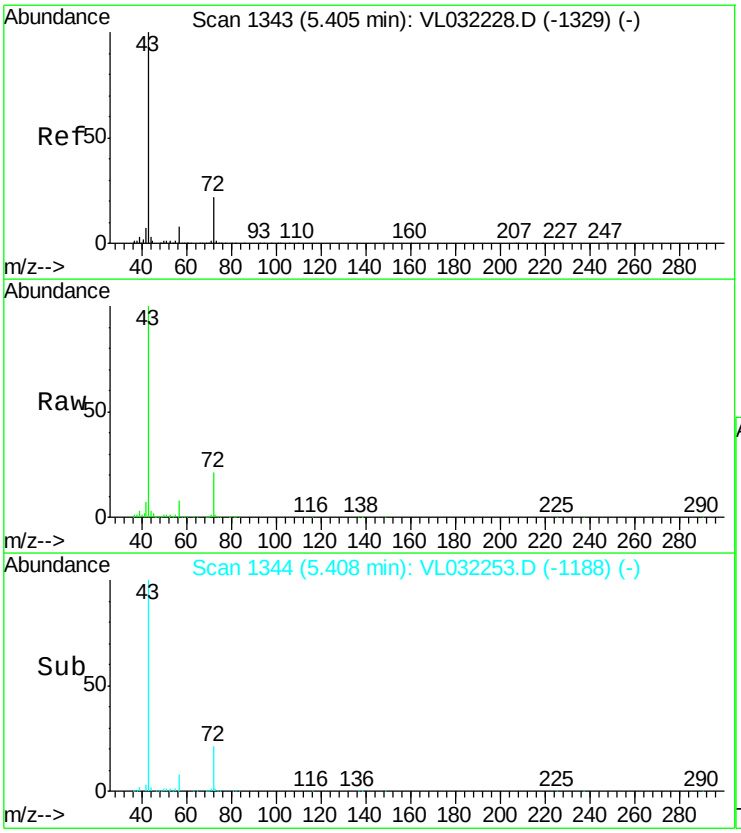
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.39 min Scan# 1959
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:114 Resp: 3350300

Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.5	33.7
88	18.9	15.4	23.0

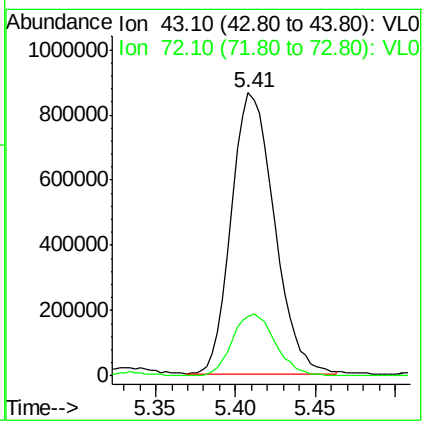


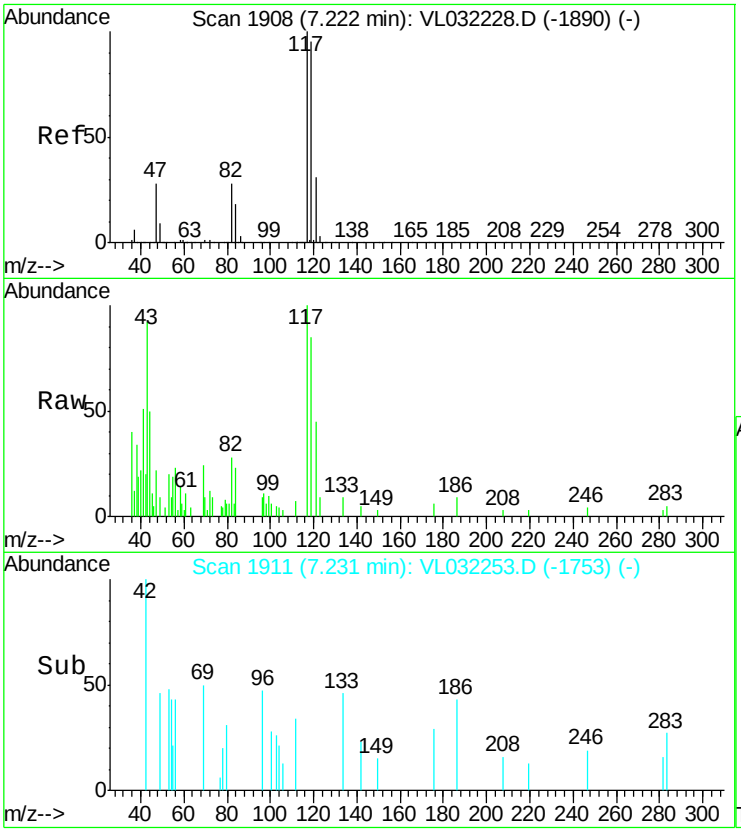


#34
2-Butanone
Concen: 6.896 ppbv
RT: 5.41 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 43 Resp: 1574038

Ion	Ratio	Lower	Upper
43	100		
72	22.1	18.1	27.1



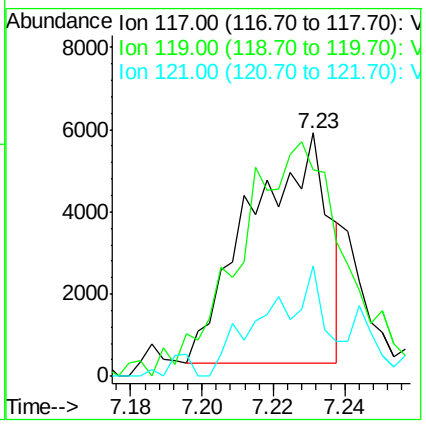


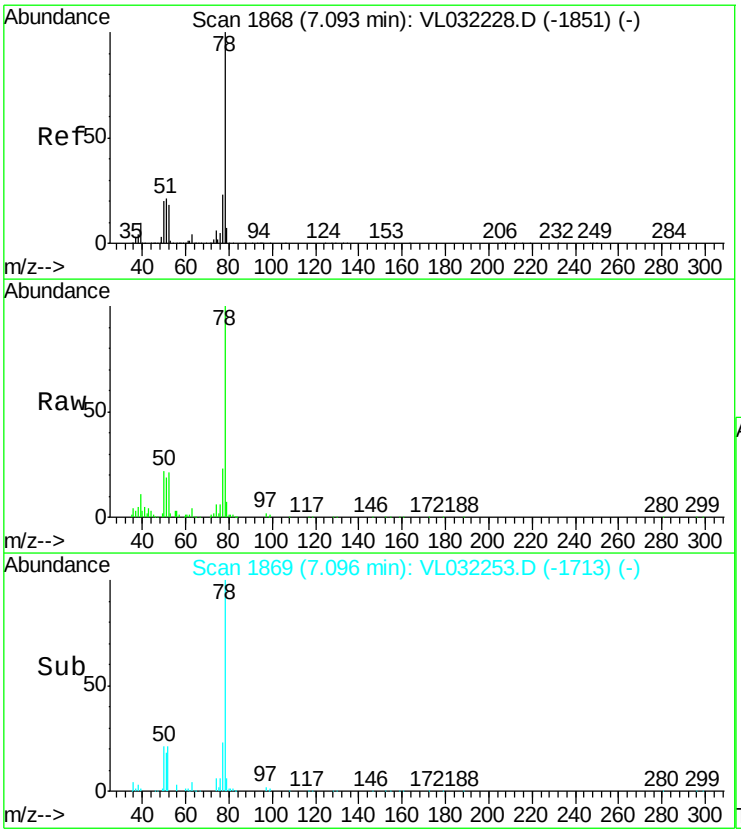
#35
Carbon Tetrachloride
Concen: 0.037 ppbv
RT: 7.23 min Scan# 1911
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion:117 Resp: 8485

Ion	Ratio	Lower	Upper
117	100		
119	71.0	75.7	113.5#
121	38.3	24.6	37.0#

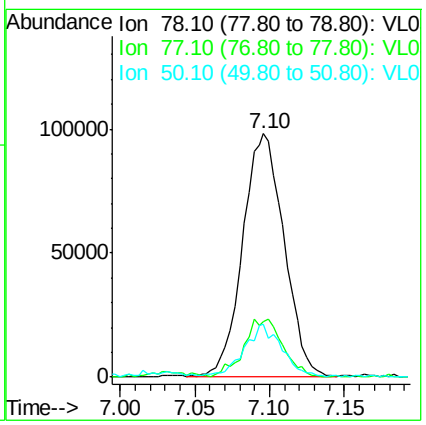


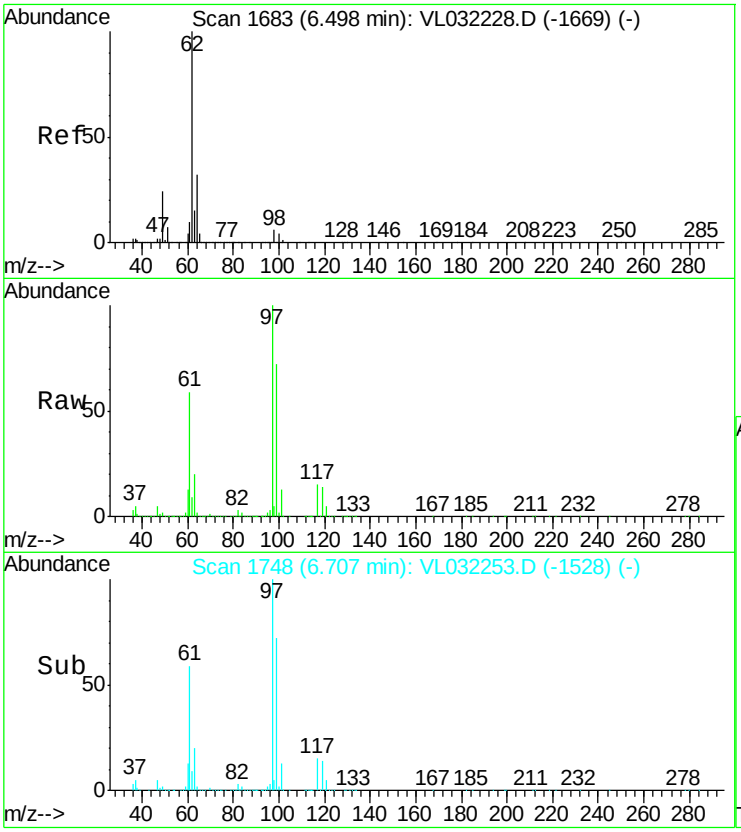


#36
Benzene
Concen: 0.569 ppbv
RT: 7.10 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 78 Resp: 189470

Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.0	27.0
50	20.9	15.8	23.8



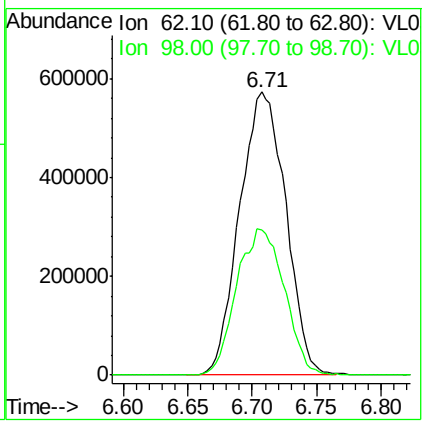


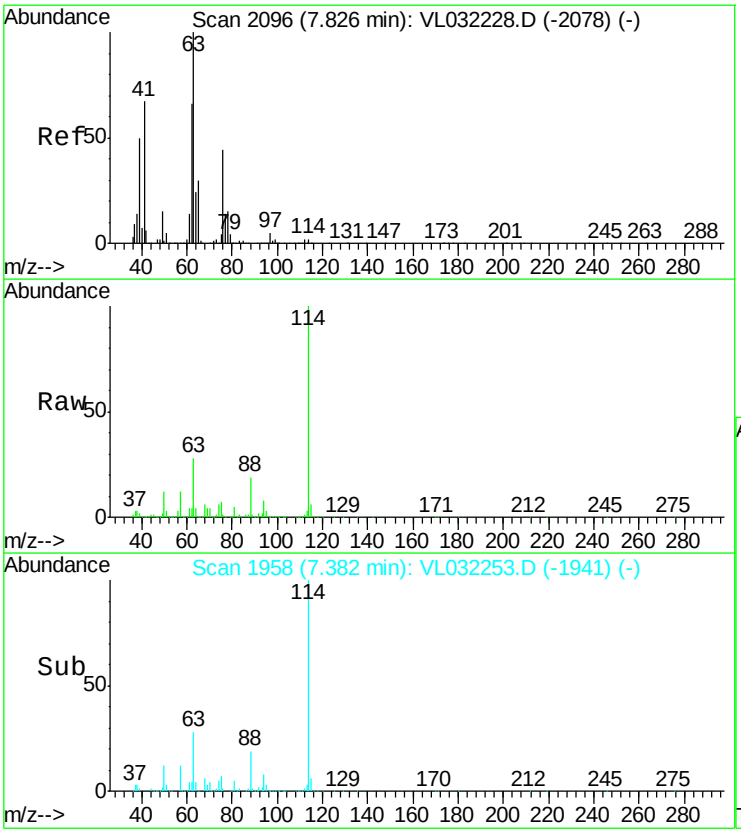
#37
1,2-Dichloroethane
Concen: 7.845 ppbv
RT: 6.71 min Scan# 1748
Delta R.T. 0.21 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 62 Resp: 1430019

Ion	Ratio	Lower	Upper
62	100		
98	53.5	4.6	7.0#

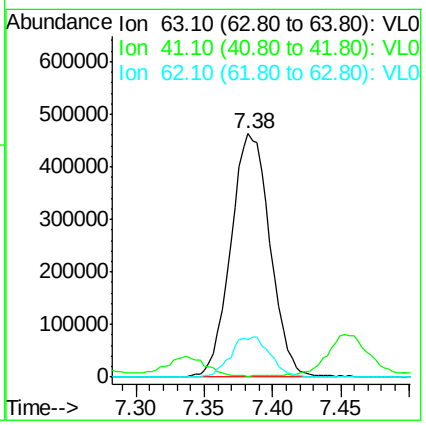


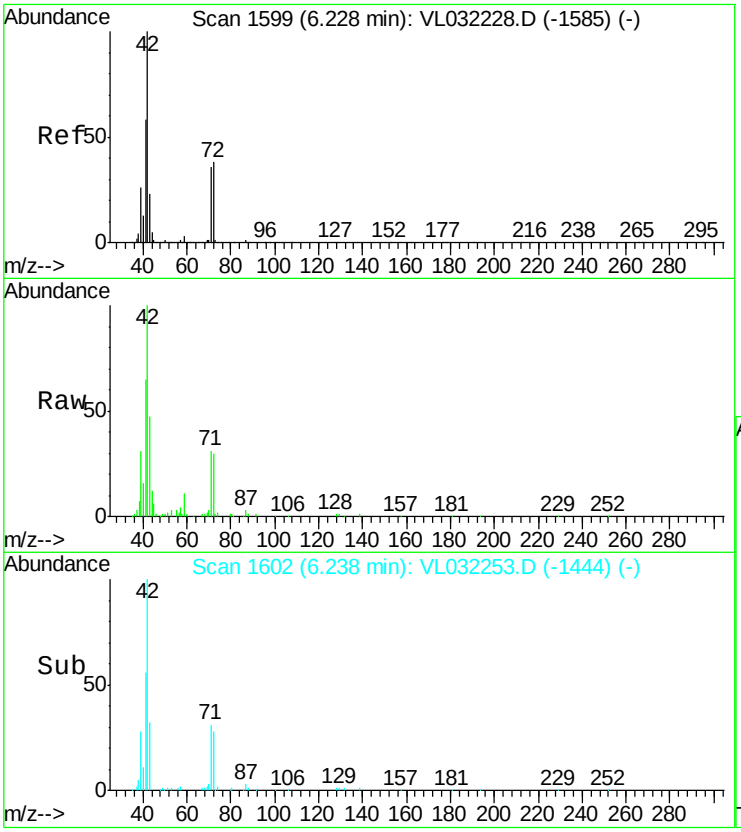


#39
1,2-Dichloropropane
Concen: 6.934 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.44 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 63 Resp: 917552

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.8	80.6#
62	15.4	53.1	79.7#



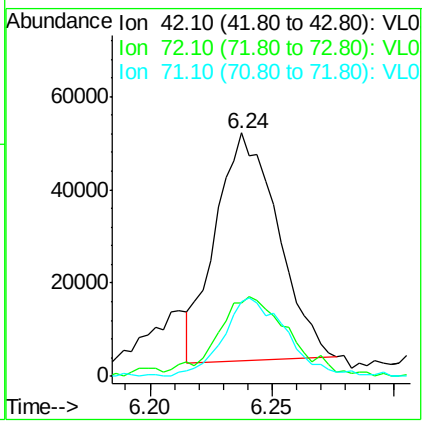


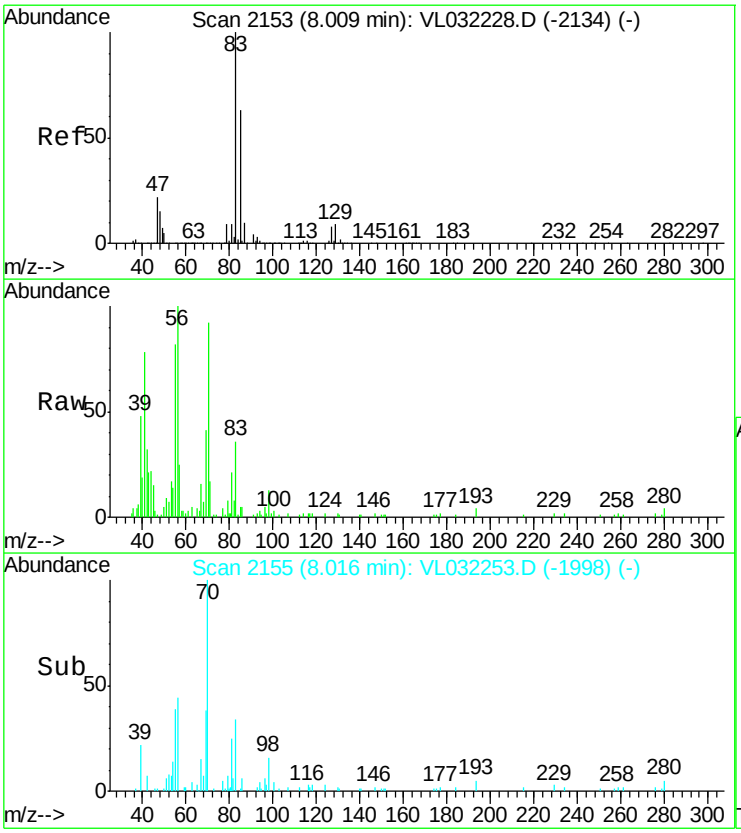
#41
Tetrahydrofuran
Concen: 0.677 ppbv
RT: 6.24 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 42 Resp: 86435

Ion	Ratio	Lower	Upper
42	100		
72	42.8	30.6	45.8
71	35.6	29.7	44.5

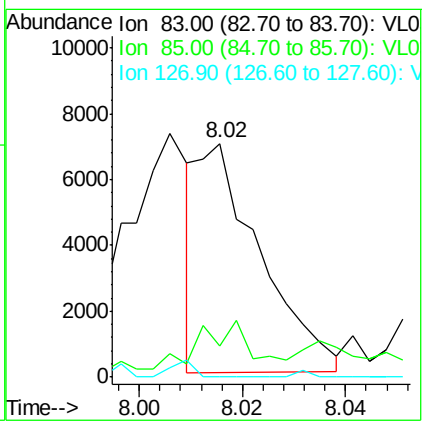


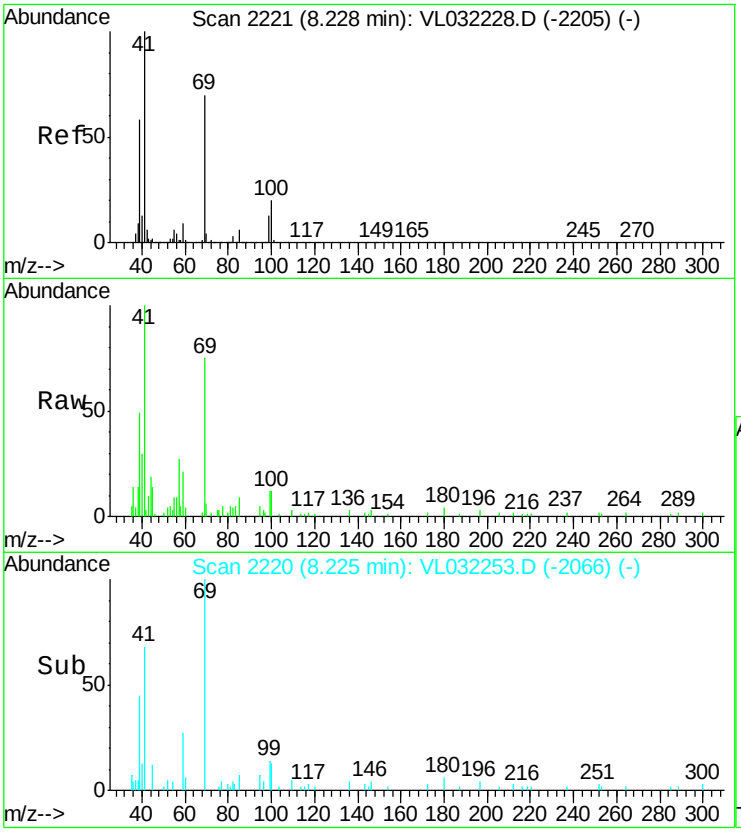


#42
Bromodichloromethane
Concen: 0.022 ppbv
RT: 8.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 83 Resp: 5834

Ion	Ratio	Lower	Upper
83	100		
85	23.9	50.6	76.0#
127	0.0	6.1	9.1#



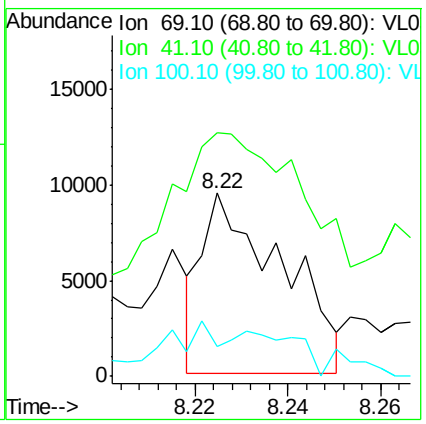


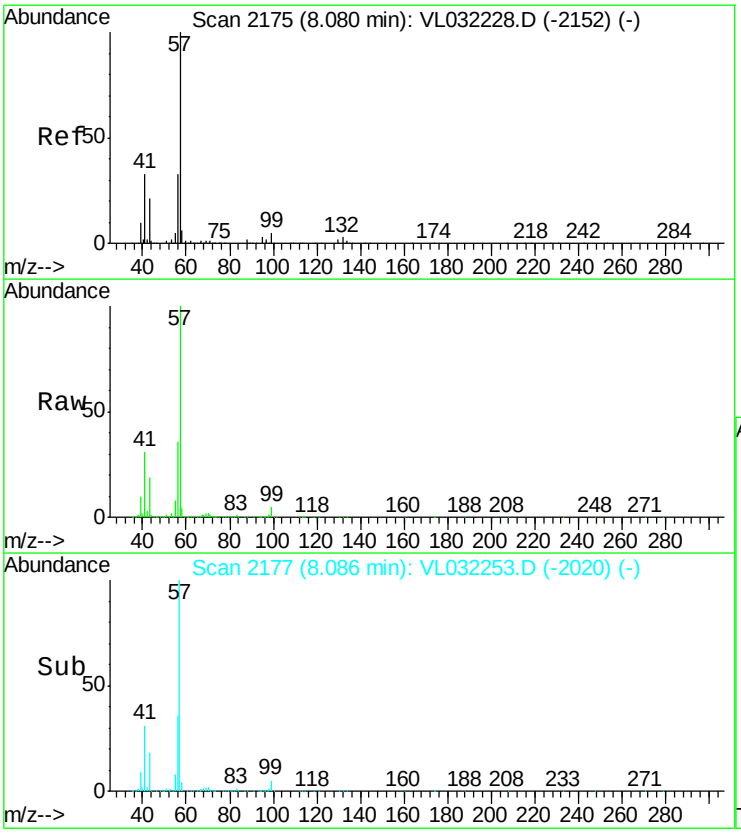
#43
Methyl Methacrylate
Concen: 0.088 ppbv
RT: 8.22 min Scan# 2220
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 69 Resp: 11301

Ion	Ratio	Lower	Upper
69	100		
41	174.2	116.3	174.5
100	48.7	23.8	35.8#

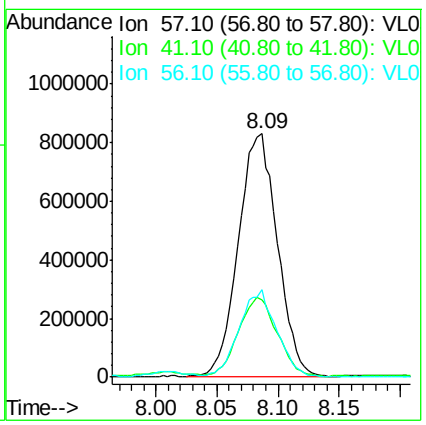


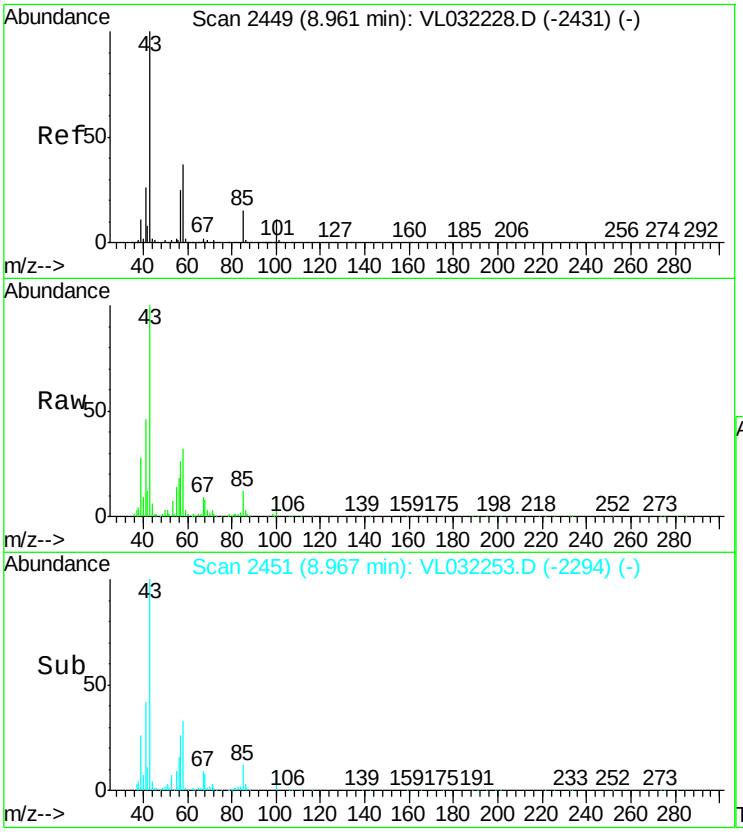


#44
2,2,4-Trimethylpentane
Concen: 3.188 ppbv
RT: 8.09 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 57 Resp: 1825358

Ion	Ratio	Lower	Upper
57	100		
41	32.2	24.7	37.1
56	34.4	25.4	38.0



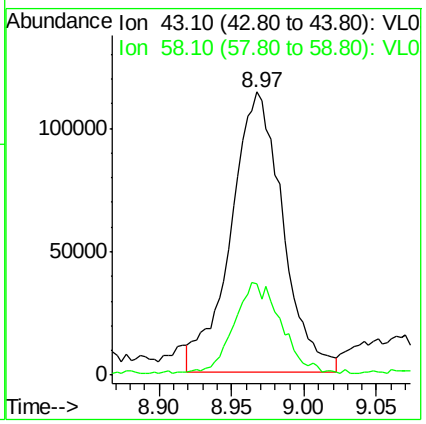


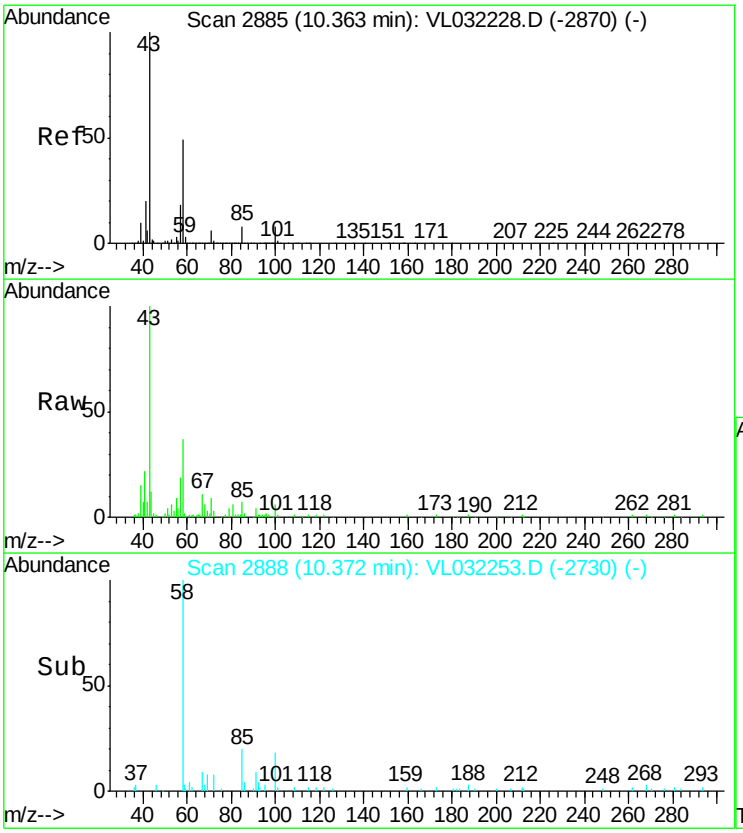
#50
4-Methyl-2-Pentanone
Concen: 0.720 ppbv
RT: 8.97 min Scan# 2451
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 43 Resp: 284422

Ion	Ratio	Lower	Upper
43	100		
58	30.7	29.5	44.3

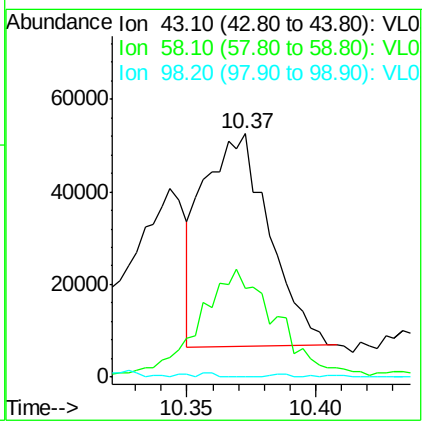


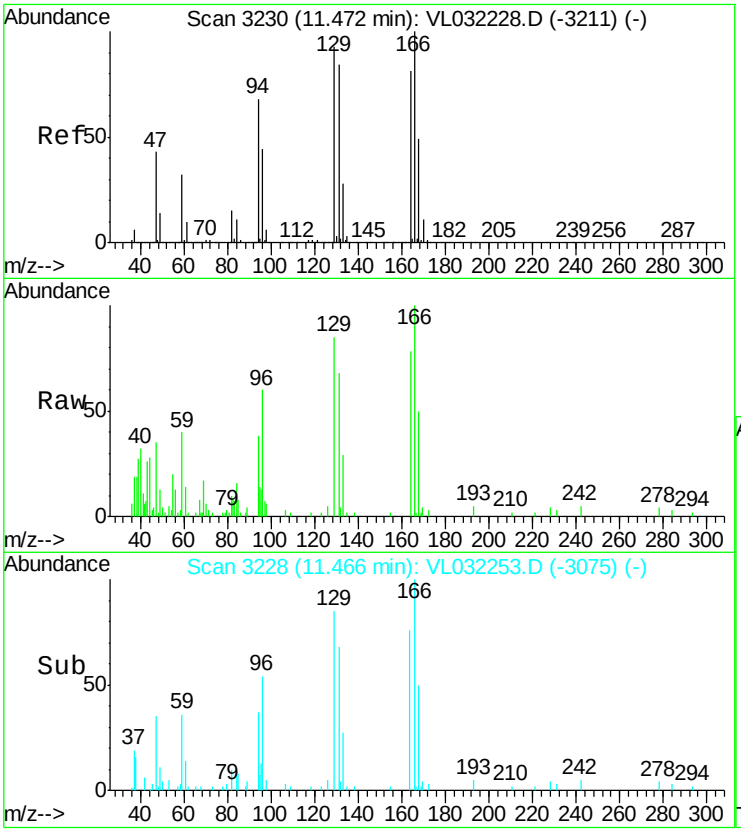


#51
2-Hexanone
Concen: 0.248 ppbv
RT: 10.37 min Scan# 2888
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 43 Resp: 81634

Ion	Ratio	Lower	Upper
43	100		
58	62.3	39.9	59.9#
98	0.0	0.2	0.4#



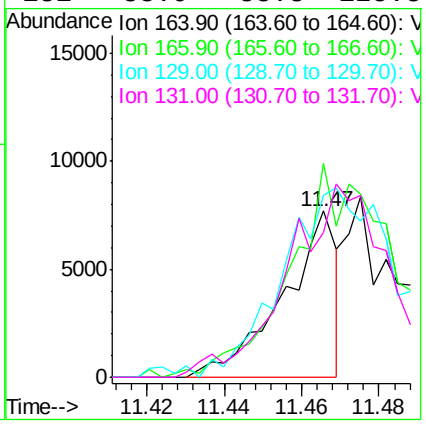


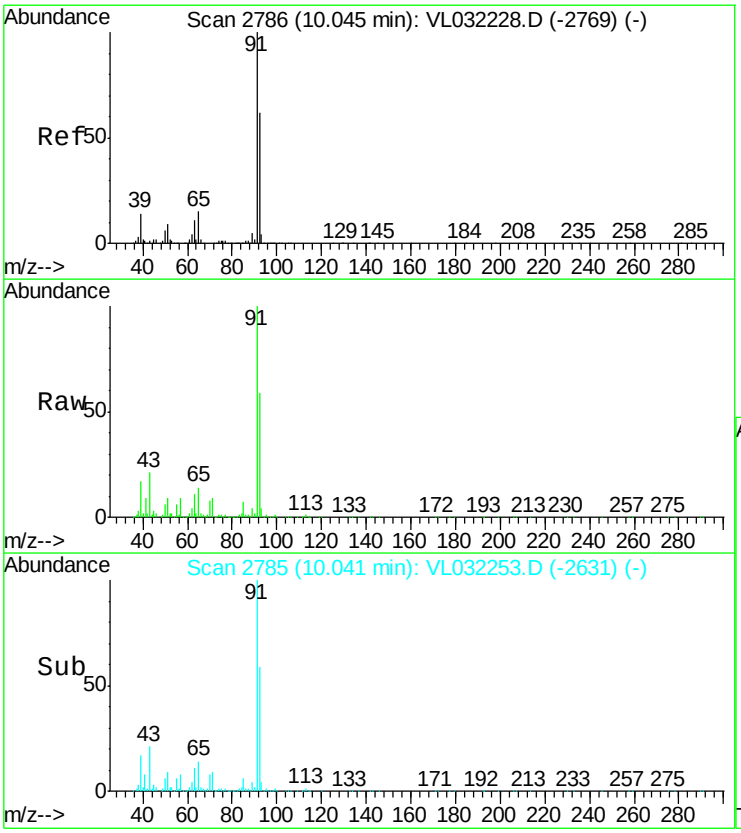
#52
Tetrachloroethene
Concen: 0.060 ppbv
RT: 11.47 min Scan# 3228
Delta R.T. -0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:164 Resp: 7366

Ion	Ratio	Lower	Upper
164	100		
166	123.7	99.3	148.9
129	102.6	92.0	138.0
131	83.9	83.8	125.8

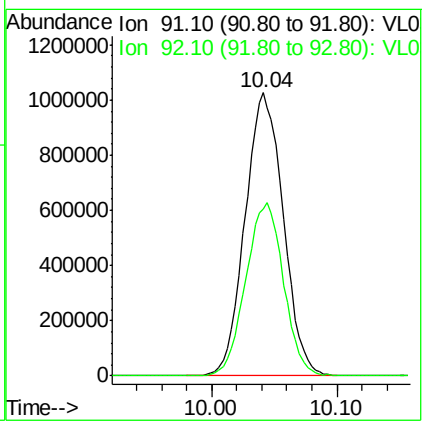


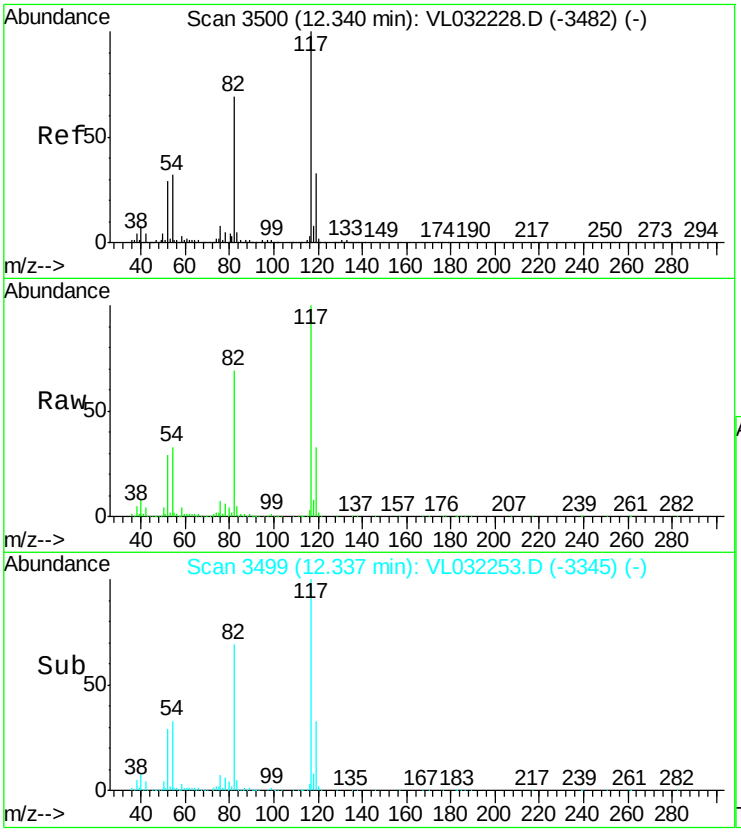


#53
Toluene
Concen: 5.514 ppbv
RT: 10.04 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 91 Resp: 2170715

Ion	Ratio	Lower	Upper
91	100		
92	60.6	49.0	73.4



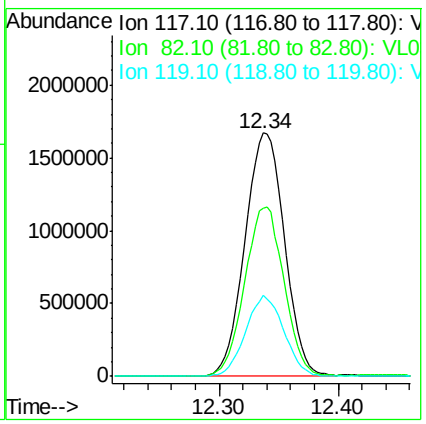


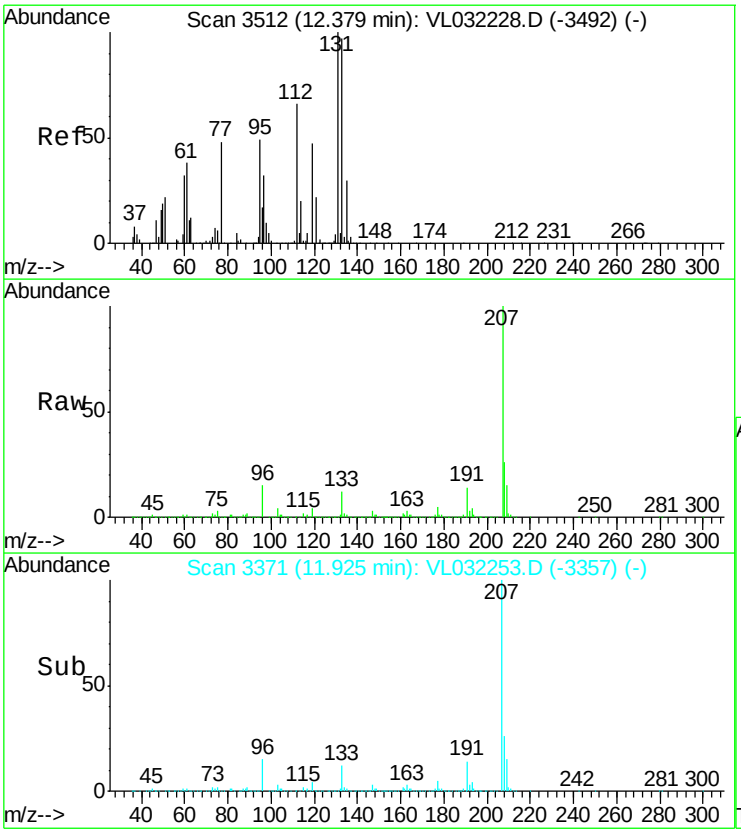
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:117 Resp: 3854410

Ion	Ratio	Lower	Upper
117	100		
82	68.9	53.2	79.8
119	32.0	43.9	65.9#

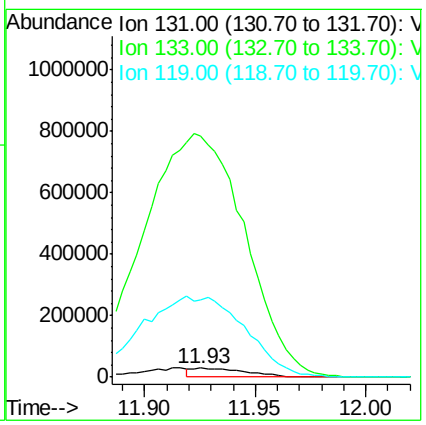


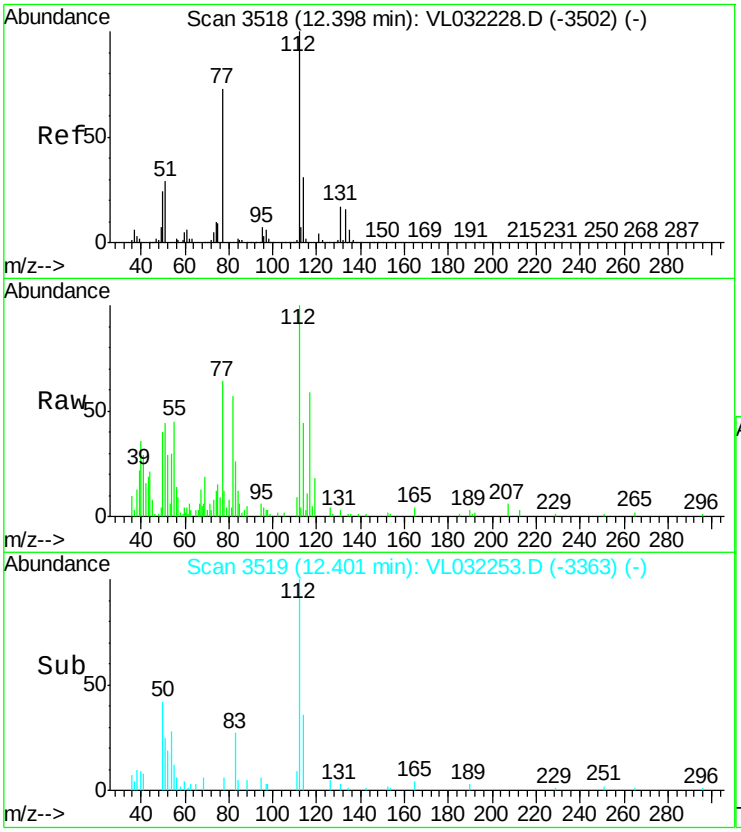


#56
1,1,1,2-Tetrachloroethane
Concen: 0.296 ppbv
RT: 11.93 min Scan# 3371
Delta R.T. -0.45 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:131 Resp: 49506

Ion	Ratio	Lower	Upper
131	100		
133	4506.1	75.2	112.8#
119	1512.1	113.9	170.9#



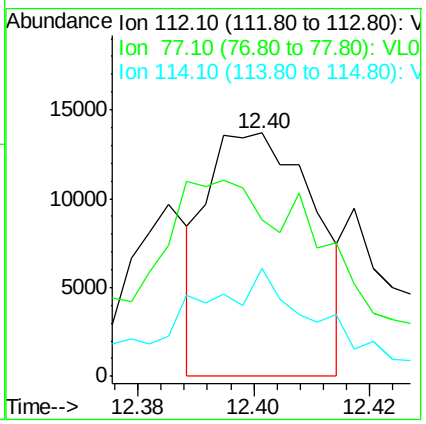


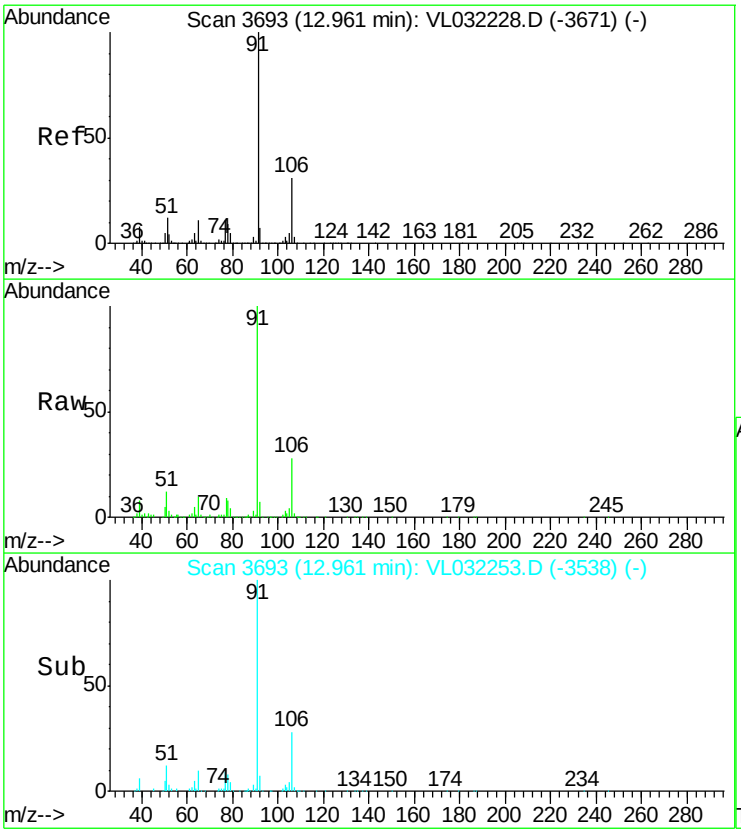
#57
Chlorobenzene
Concen: 0.054 ppbv
RT: 12.40 min Scan# 3519
Delta R.T. 0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:112 Resp: 17524

Ion	Ratio	Lower	Upper
112	100		
77	21.7	58.8	88.2#
114	49.8	27.9	34.1#

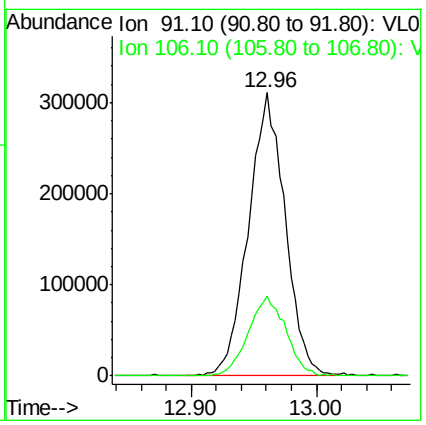


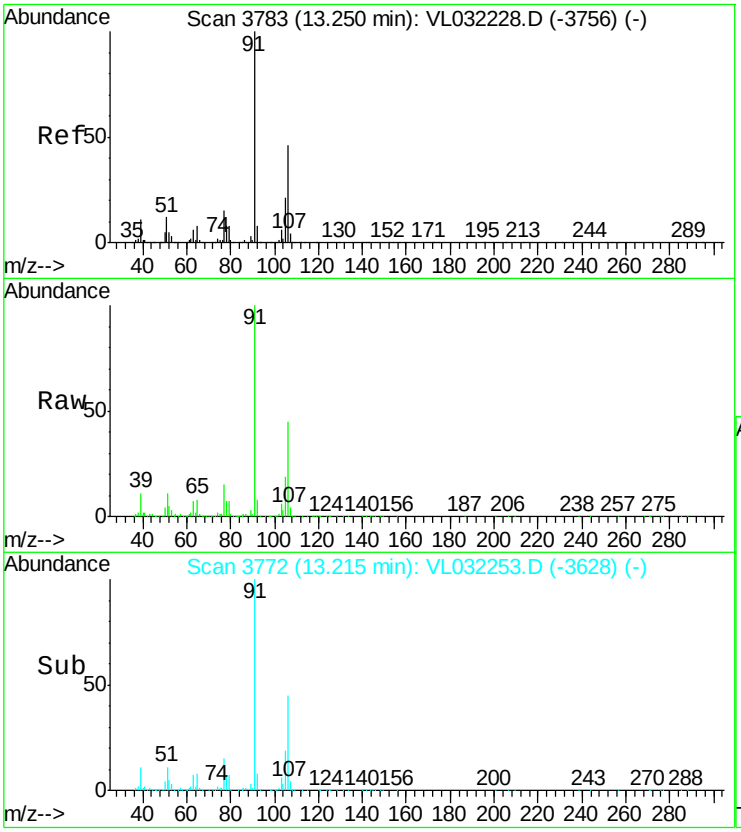


#58
Ethyl Benzene
Concen: 1.122 ppbv
RT: 12.96 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 91 Resp: 629518

Ion	Ratio	Lower	Upper
91	100		
106	28.0	24.5	36.7



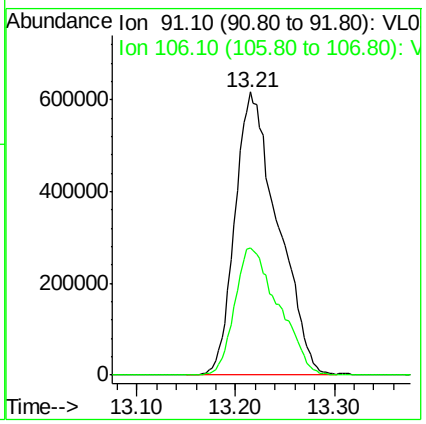


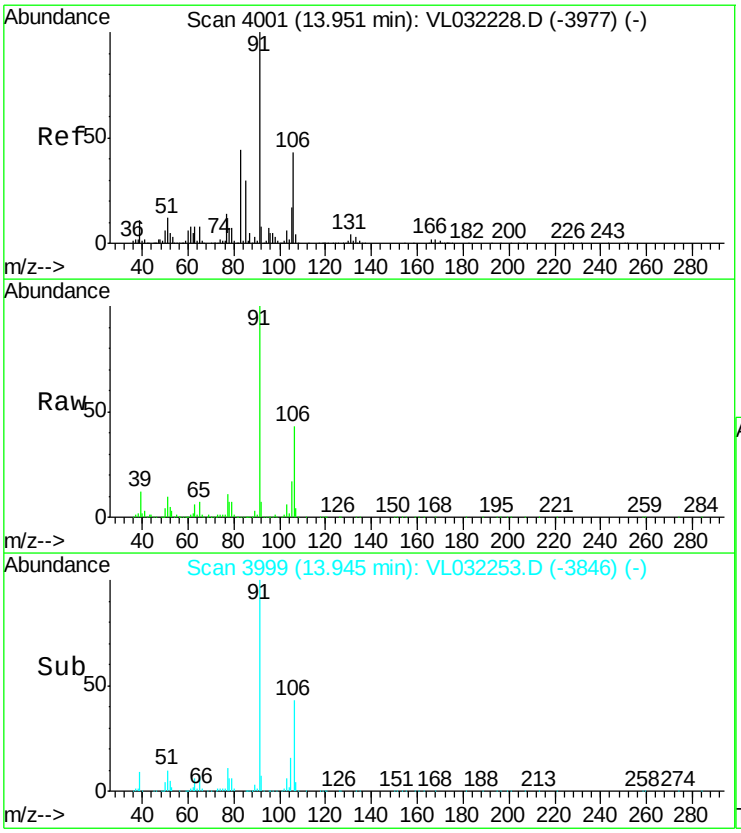
#59
m/p-Xylene
Concen: 4.010 ppbv
RT: 13.21 min Scan# 3772
Delta R.T. -0.04 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 91 Resp: 1851626

Ion	Ratio	Lower	Upper
91	100		
106	46.2	36.4	54.6

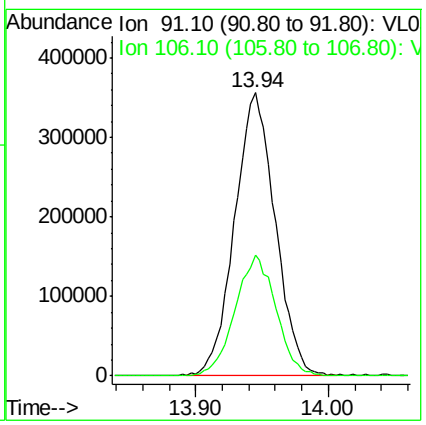


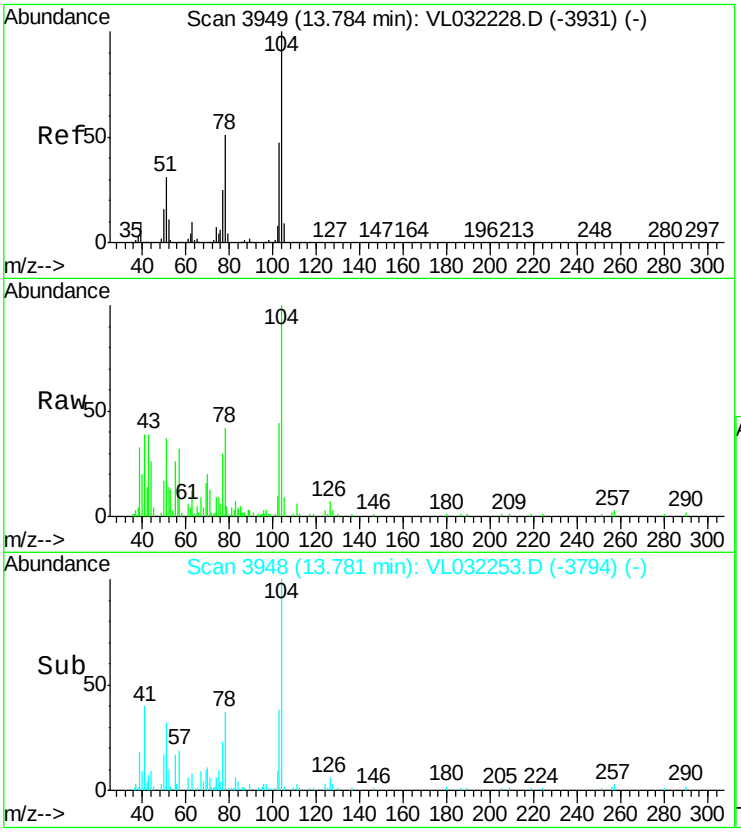


#60
o-Xylene
Concen: 1.648 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 91 Resp: 751189

Ion	Ratio	Lower	Upper
91	100		
106	43.6	21.9	65.5



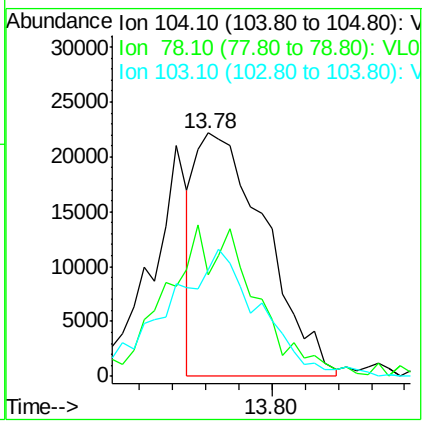


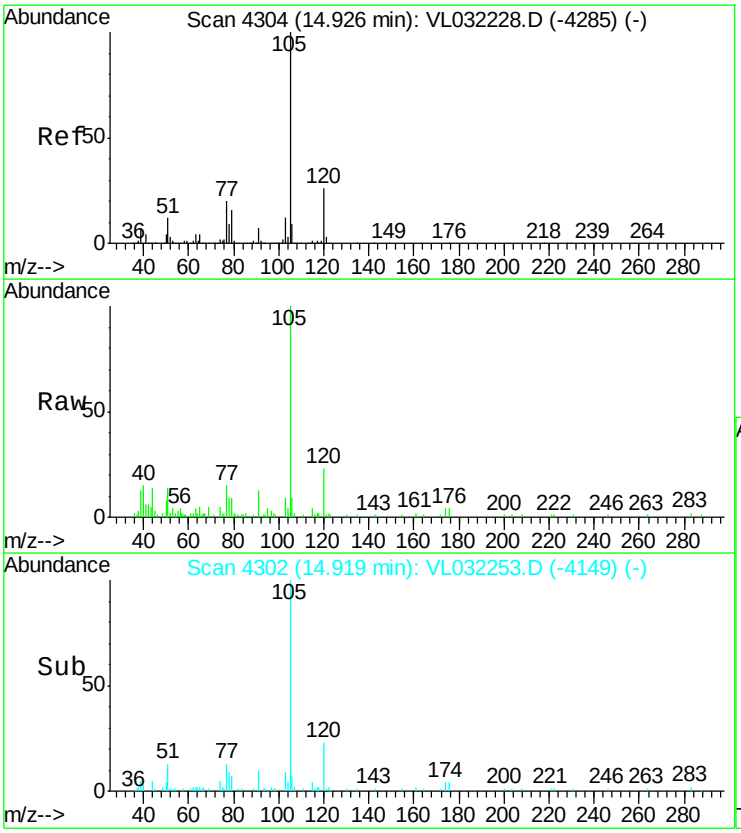
#61
Styrene
Concen: 0.096 ppbv
RT: 13.78 min Scan# 3948
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:104 Resp: 32662

Ion	Ratio	Lower	Upper
104	100		
78	78.6	43.4	65.0#
103	71.4	38.0	57.0#

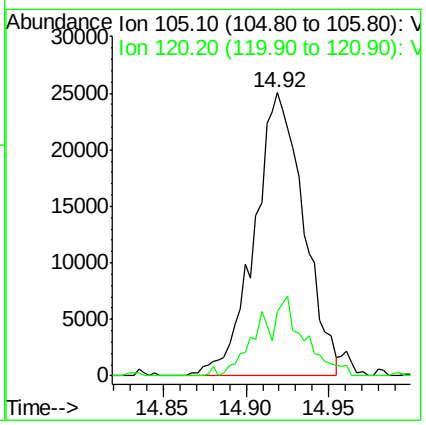


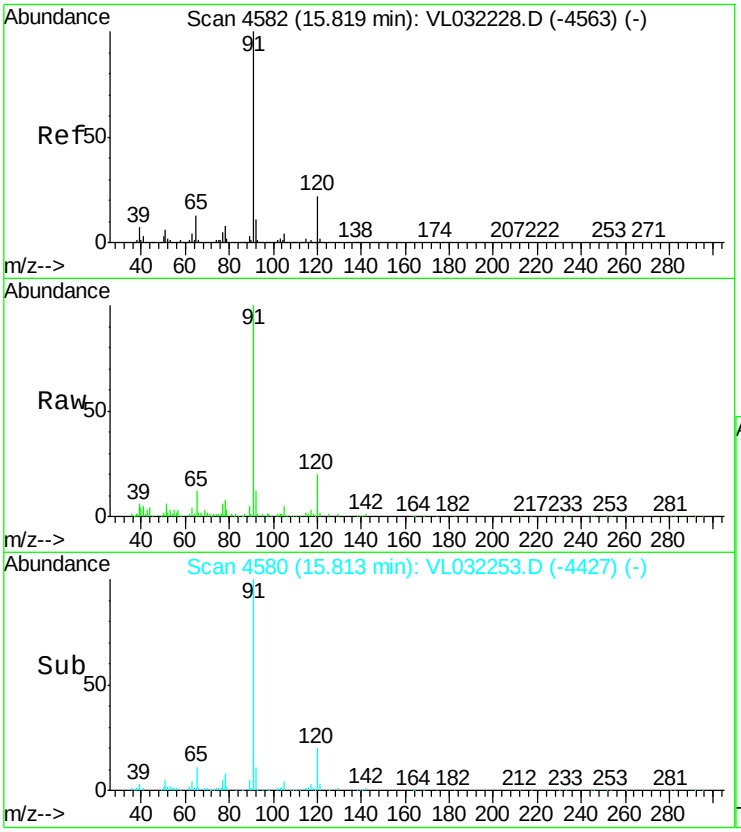


#62
Isopropylbenzene
Concen: 0.081 ppbv
RT: 14.92 min Scan# 4302
Delta R.T. -0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:105 Resp: 52042

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.2	30.2



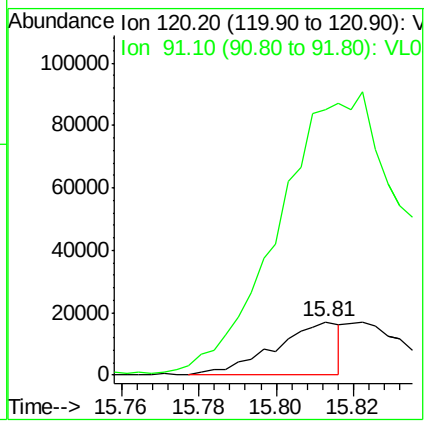


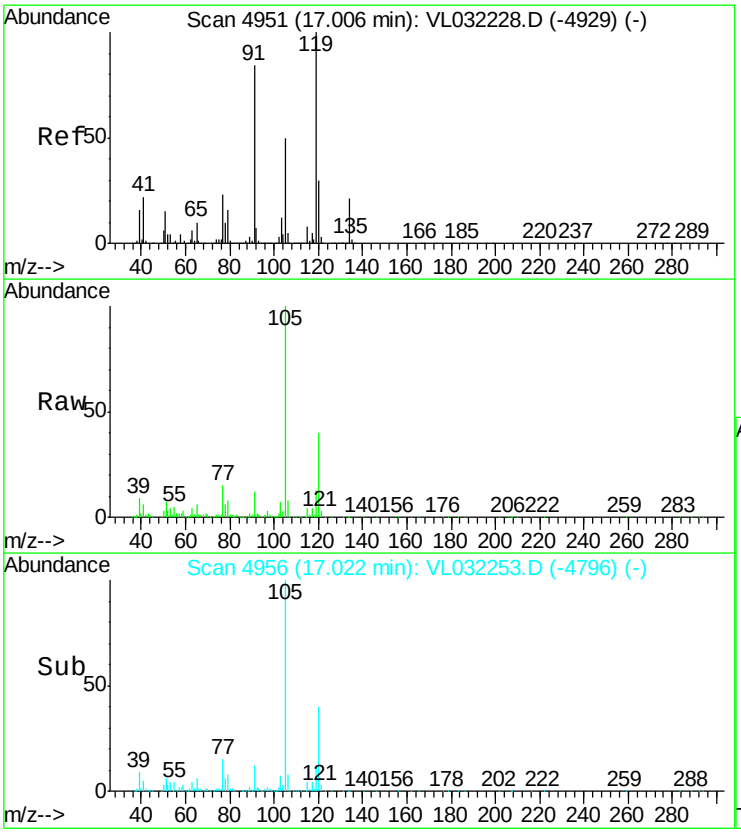
#64
n-propylbenzene
Concen: 0.122 ppbv
RT: 15.81 min Scan# 4580
Delta R.T. -0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:120 Resp: 19753

Ion	Ratio	Lower	Upper
120	100		
91	0.0	385.0	577.4#

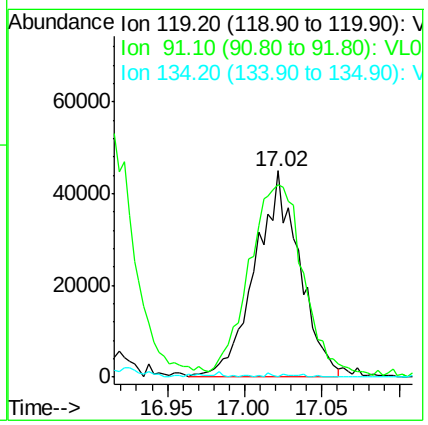


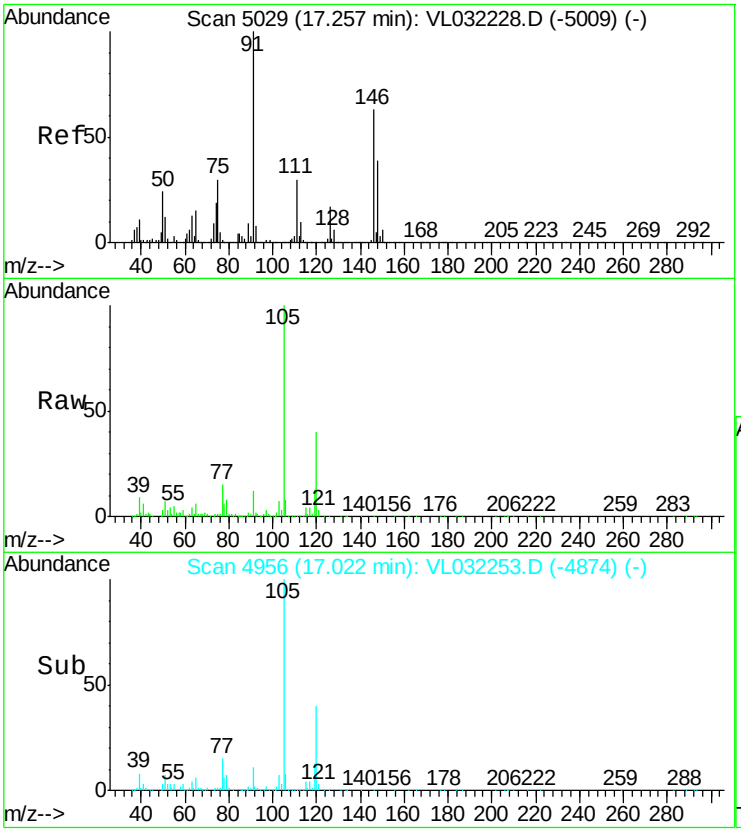


#65
tert-Butylbenzene
Concen: 0.164 ppbv
RT: 17.02 min Scan# 4956
Delta R.T. 0.02 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:119 Resp: 87894

Ion	Ratio	Lower	Upper
119	100		
91	116.7	68.6	102.8#
134	0.0	15.4	23.2#



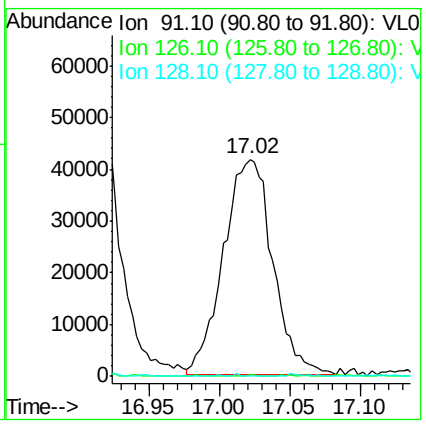


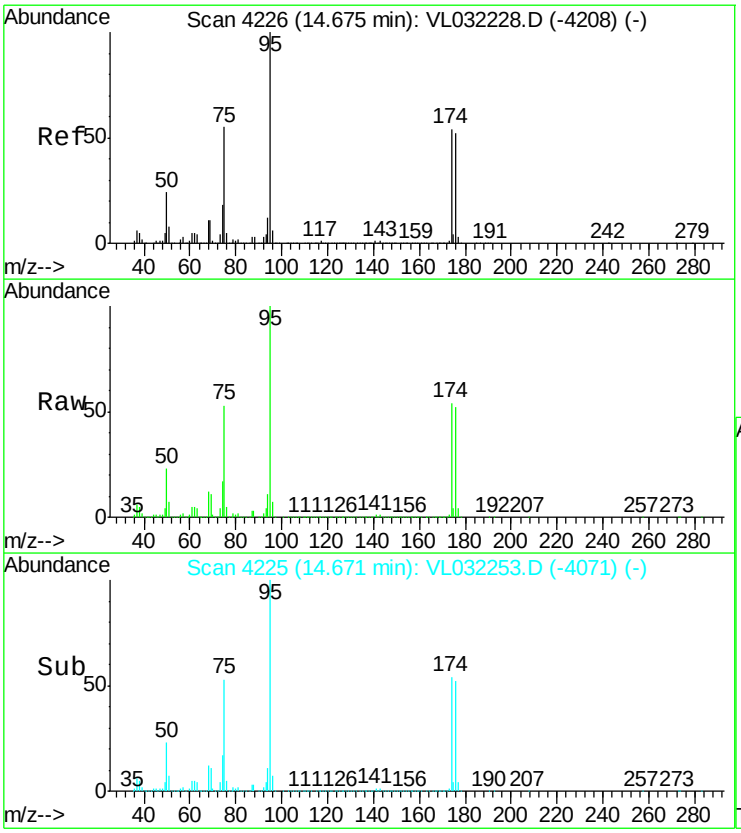
#66
Benzyl Chloride
Concen: 0.374 ppbv
RT: 17.02 min Scan# 4956
Delta R.T. -0.23 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion: 91 Resp: 101267

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.4	20.0#
128	0.3	4.5	6.7#

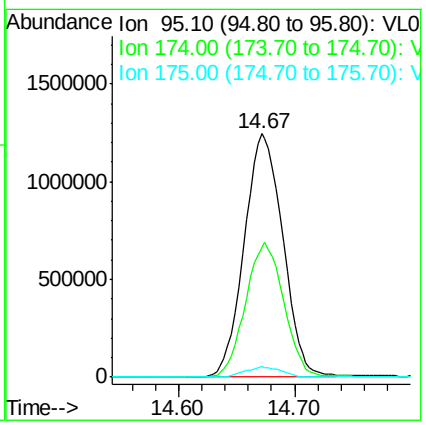


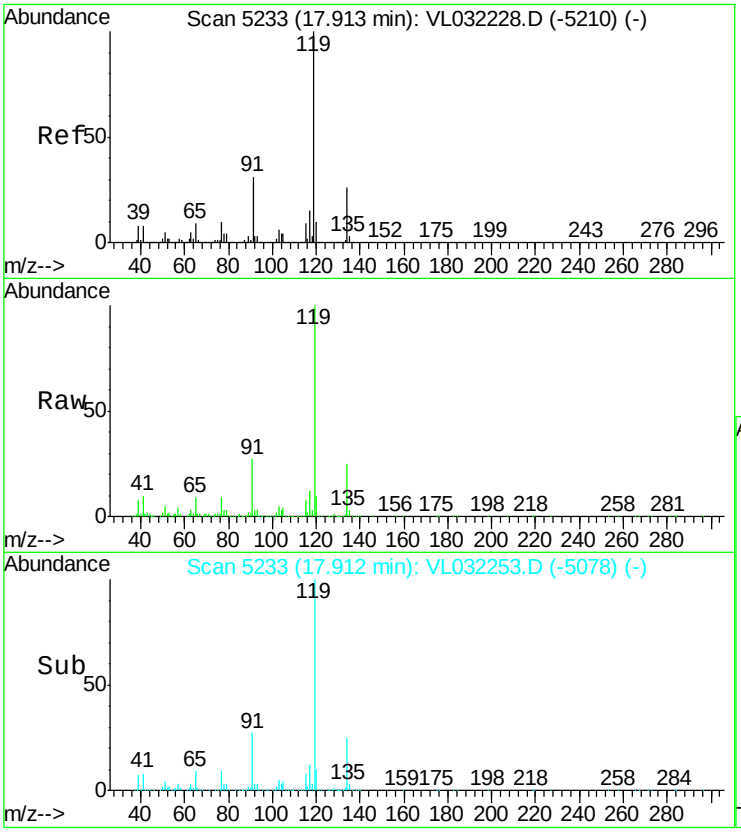


#68
1-Bromo-4-Fluorobenzene
Concen: 9.679 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 95 Resp: 2888100

Ion	Ratio	Lower	Upper
95	100		
174	55.2	44.6	67.0
175	4.1	3.3	4.9



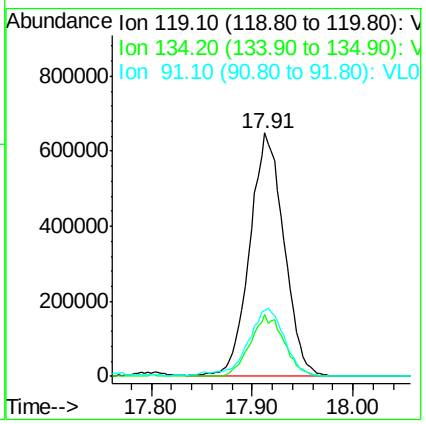


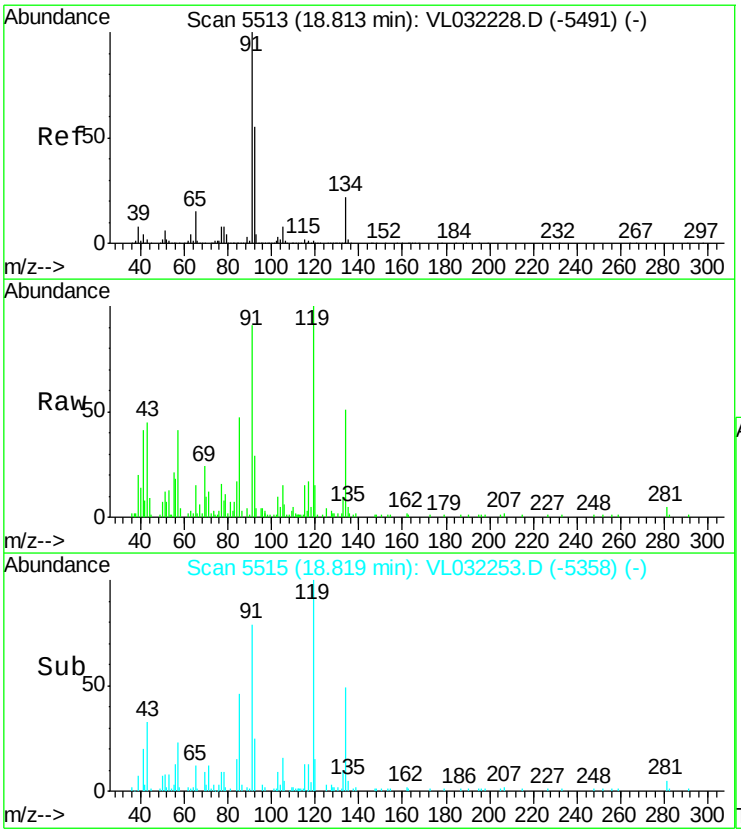
#69
p-Isopropyltoluene
Concen: 2.490 ppbv
RT: 17.91 min Scan# 5233
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:119 Resp: 1516109

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.1	30.1
91	30.2	24.2	36.2

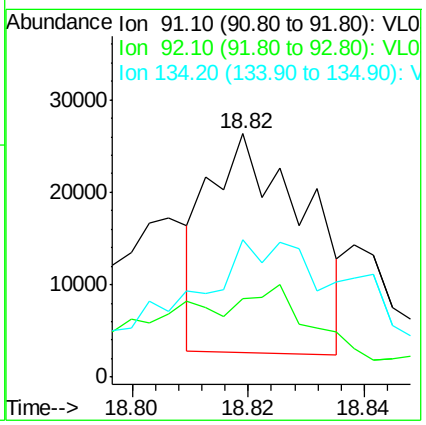


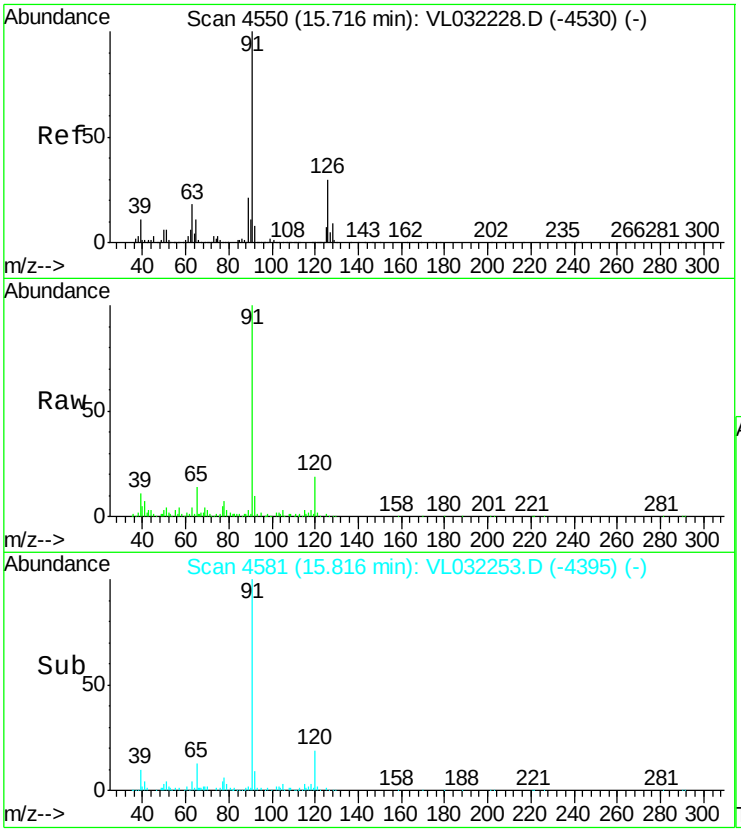


#70
n-Butylbenzene
Concen: 0.040 ppbv
RT: 18.82 min Scan# 5515
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion: 91 Resp: 26813

Ion	Ratio	Lower	Upper
91	100		
92	95.5	43.6	65.4#
134	119.8	17.1	25.7#



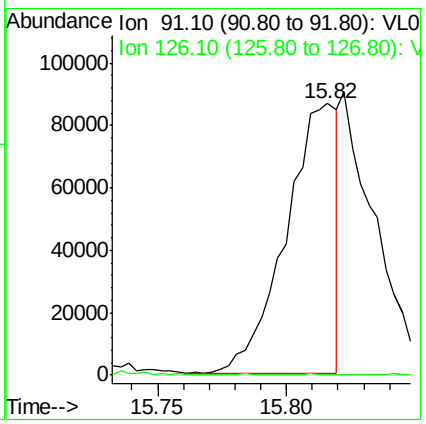


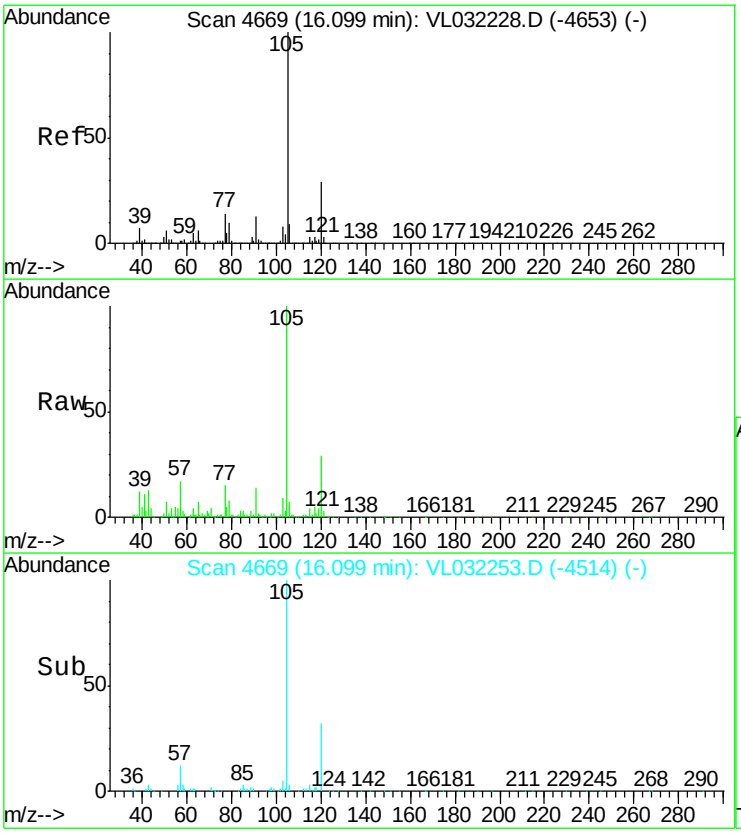
#71
2-Chlorotoluene
Concen: 0.238 ppbv
RT: 15.82 min Scan# 4581
Delta R.T. 0.10 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion: 91 Resp: 119667

Ion	Ratio	Lower	Upper
91	100		
126	0.2	11.7	46.7#

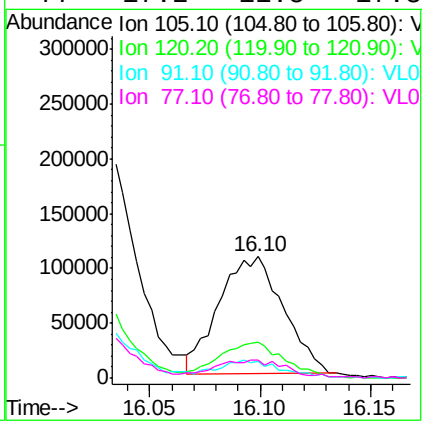


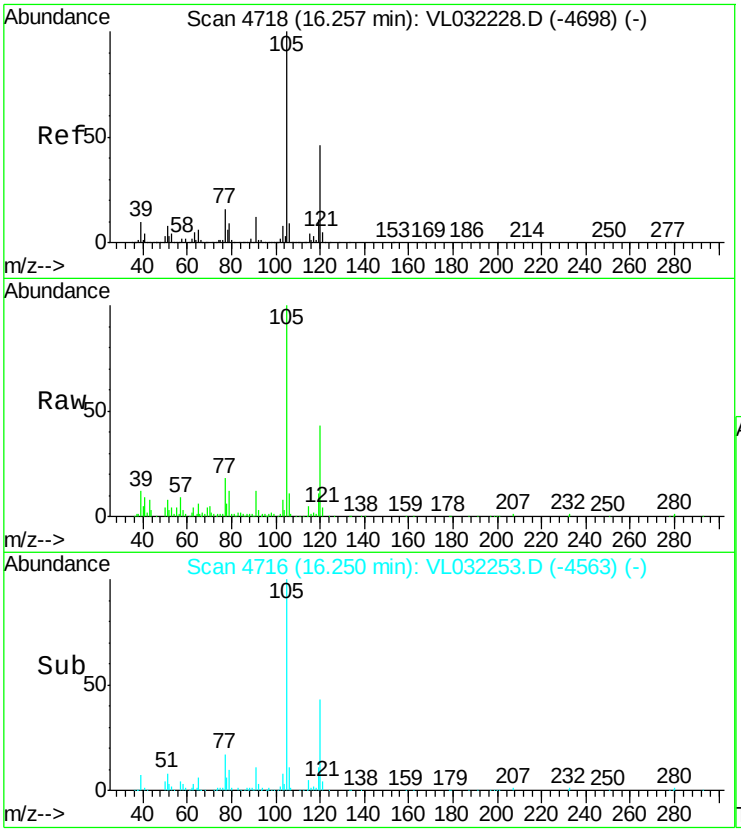


#72
4-Ethyltoluene
Concen: 0.427 ppbv
RT: 16.10 min Scan# 4669
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:105 Resp: 218144

Ion	Ratio	Lower	Upper
105	100		
120	31.1	23.3	34.9
91	14.6	10.3	15.5
77	17.2	11.5	17.3



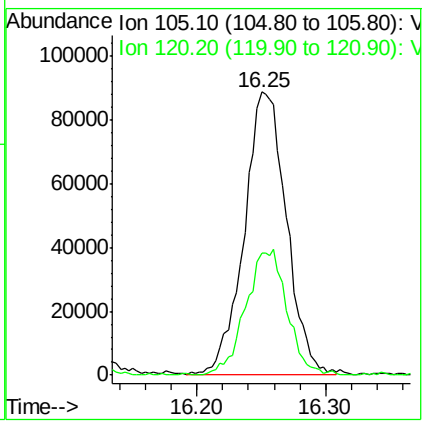


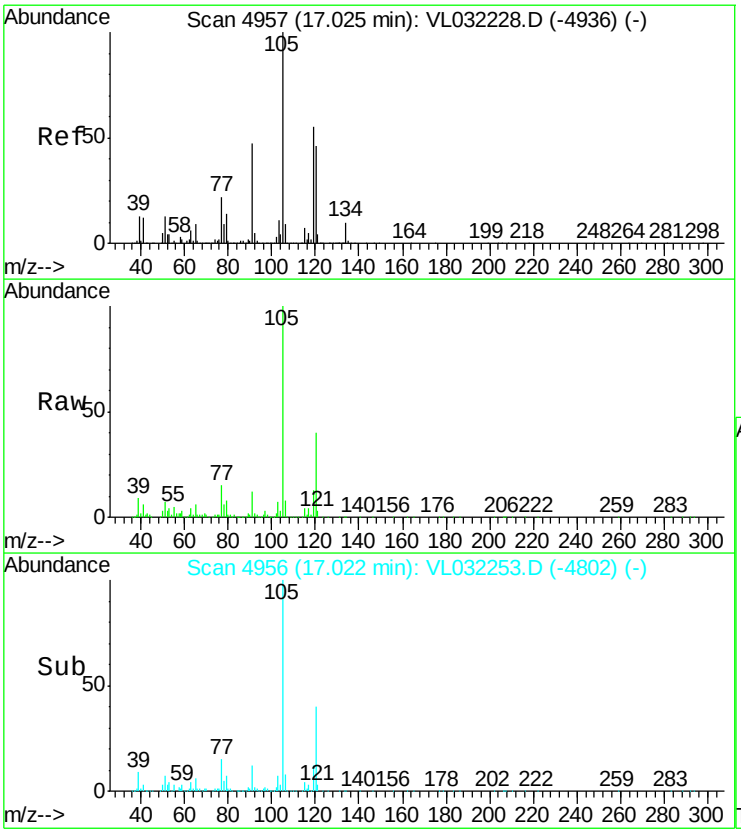
#73
1,3,5-Trimethylbenzene
Concen: 0.428 ppbv
RT: 16.25 min Scan# 4716
Delta R.T. -0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:105 Resp: 203459

Ion	Ratio	Lower	Upper
105	100		
120	42.6	36.6	54.8

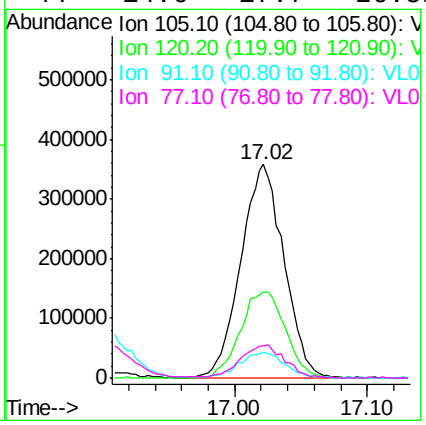


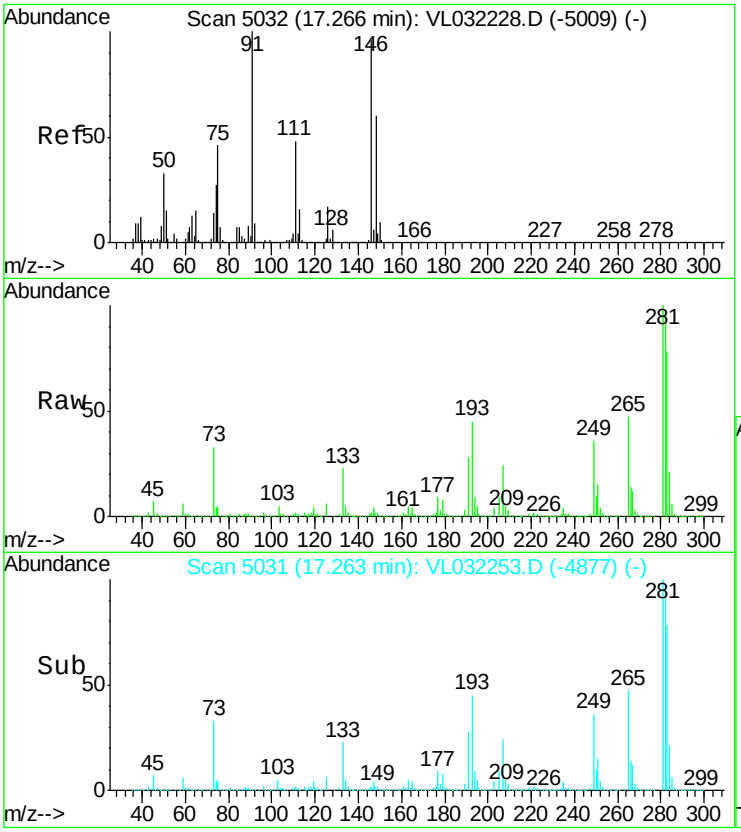


#74
1,2,4-Trimethylbenzene
Concen: 1.654 ppbv
RT: 17.02 min Scan# 4956
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:105 Resp: 803878

Ion	Ratio	Lower	Upper
105	100		
120	39.8	37.0	55.4
91	11.4	38.2	57.2#
77	14.6	17.7	26.5#



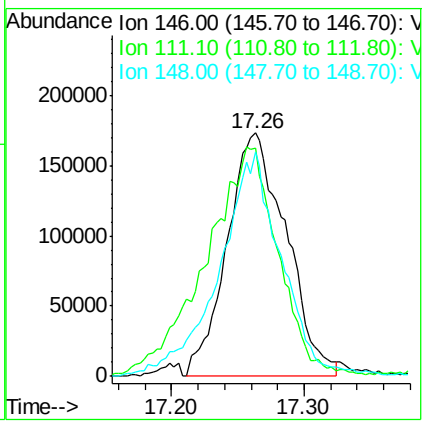


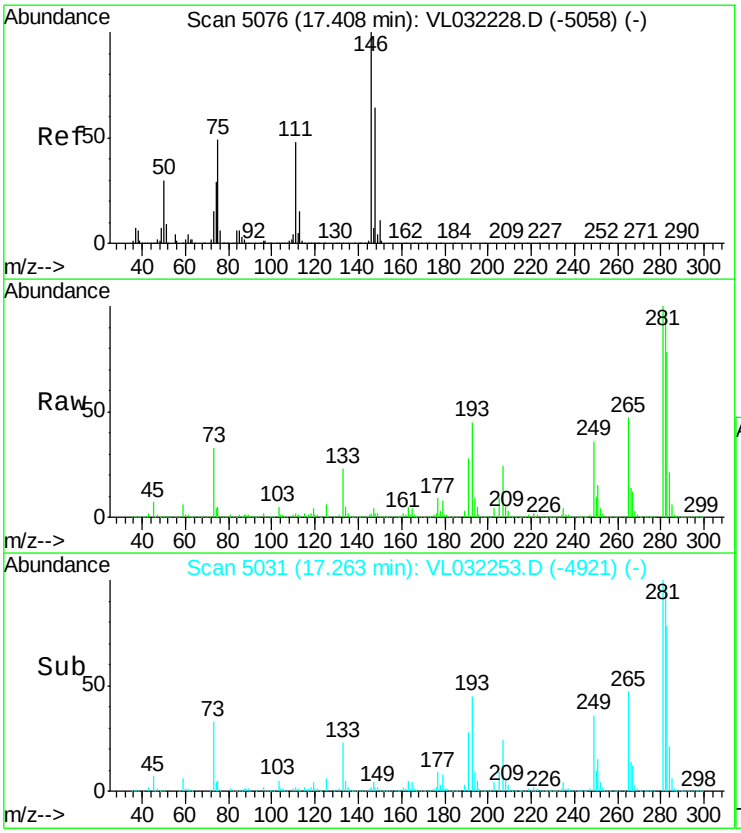
#75
1,3-Dichlorobenzene
Concen: 1.855 ppbv
RT: 17.26 min Scan# 5031
Delta R.T. -0.00 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument : MSVOA_L
ClientSampleId : INFLUENT

Tgt Ion:146 Resp: 538039

Ion	Ratio	Lower	Upper
146	100		
111	115.5	24.9	74.7#
148	97.1	31.9	95.5#

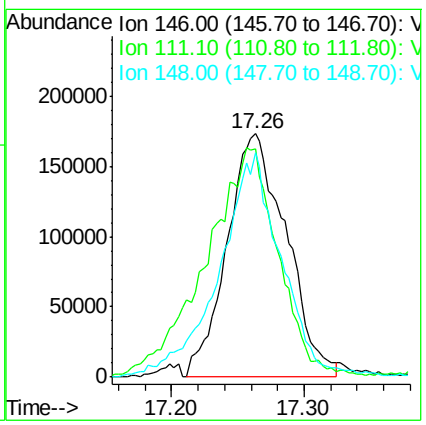


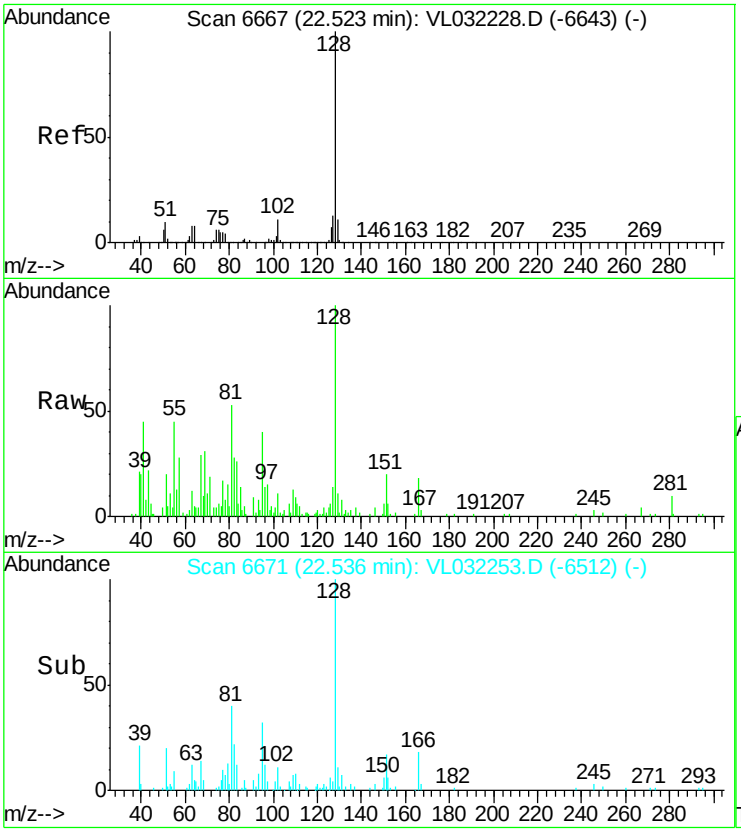


#76
1,4-Dichlorobenzene
Concen: 1.894 ppbv
RT: 17.26 min Scan# 5031
Delta R.T. -0.14 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:146 Resp: 538039

Ion	Ratio	Lower	Upper
146	100		
111	114.8	24.6	73.6#
148	96.9	32.3	96.9



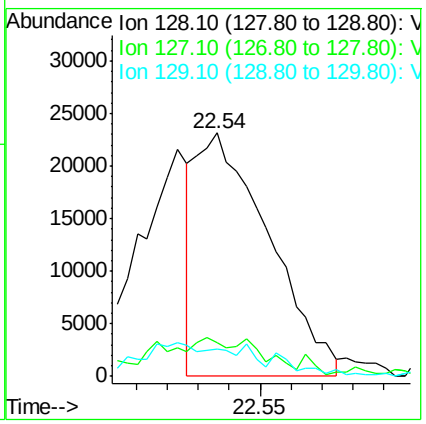


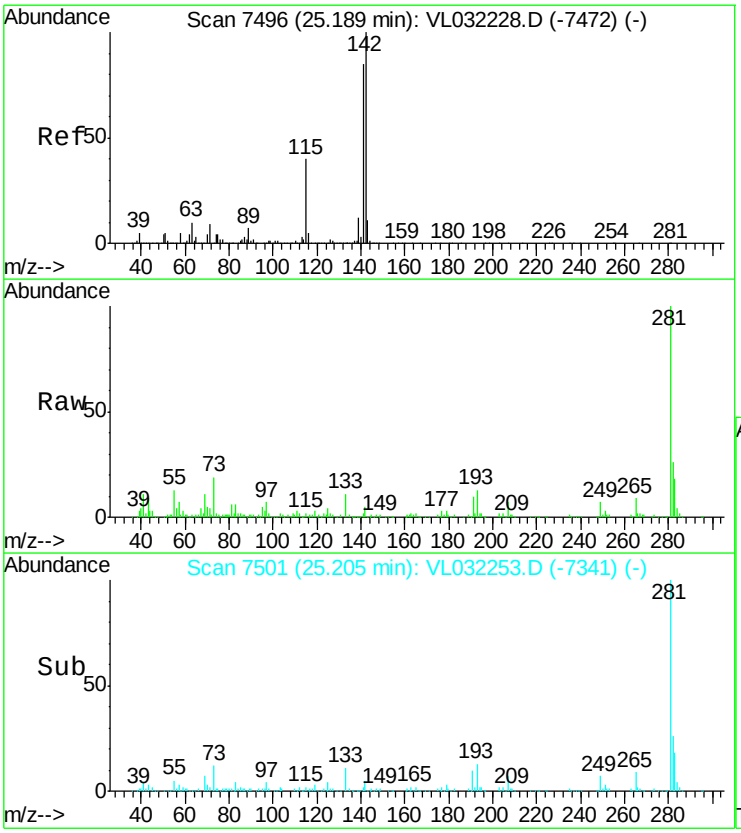
#79
Naphthalene
Concen: 0.116 ppbv
RT: 22.54 min Scan# 6671
Delta R.T. 0.01 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Instrument :
MSVOA_L
ClientSampleId :
INFLUENT

Tgt Ion:128 Resp: 37895

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	9.1	9.0	13.4





#80
Naphthalene,2-methyl-
Concen: 0.111 ppbv
RT: 25.20 min Scan# 7501
Delta R.T. 0.02 min
Lab File: VL032253.D
Acq: 13 Jul 2018 20:06

Tgt Ion:142 Resp: 11598

Ion	Ratio	Lower	Upper
142	100		
141	75.9	67.0	100.6
115	69.0	32.6	49.0#