Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032729.D
Acq On : 7 Nov 2018 22:58
Operator : SY/AP
Sample : J5823-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-01

Quant Time: Nov 08 10:56:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1445531	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	3554325	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3625676	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2593177	9.61	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	75170	0.510	ppbv		96
3) Chlorodifluoromethane	3.02	51	26651	0.236	ppbv		99
4) Chloromethane	3.18	50	40811	0.646	ppbv		91
9) Propene	3.05	41	135324	2.909	ppbv		90
10) Heptane	8.26	43	175336	0.978	ppbv		98
11) Trichlorofluoromethane	4.01	101	43973	0.229	ppbv	#	82
12) 1,1,2-Trichlorotrifluoroet	4.57	101	9140	0.057	ppbv	#	35
13) Ethanol	3.69	45	19093710	1435.970	ppbv		100
15) Acetone	3.91	43	2384530	17.864	ppbv		95
16) 1,3-Butadiene	3.35	39	152926	3.114	ppbv	#	1
17) tert-Butyl alcohol	4.42	59	526289	13.406	ppbv	#	100
19) Isopropyl Alcohol	4.08	45	3684210	38.756	ppbv	#	96
20) Methylene Chloride	4.42	84	45834	0.676	ppbv		91
21) Allyl Chloride	4.44	41	250881	2.289	ppbv	#	61
23) Vinyl Acetate	5.16	43	480753	2.032	ppbv	#	66
25) Ethyl Acetate	5.79	43	299185	0.974	ppbv	#	83
26) Hexane	5.79	57	270888	1.863	ppbv	#	57
28) Methyl tert-Butyl Ether	5.12	73	6543	0.031	ppbv	#	53
29) Chloroform	5.86	83	15675	0.068	ppbv		91
30) Cyclohexane	7.26	84	45548	0.396	ppbv		93
34) 2-Butanone	5.34	43	364569	1.913	ppbv		99
35) Carbon Tetrachloride	7.15	117	9283	0.037	ppbv		99
36) Benzene	7.01	78	953252	3.303	ppbv		99
39) 1,2-Dichloropropane	7.30	63	896769	8.046	ppbv	#	26
41) Tetrahydrofuran	6.17	42	43704	0.412	ppbv	#	89
44) 2,2,4-Trimethylpentane	8.00	57	1471842	2.987	ppbv		94
50) 4-Methyl-2-Pentanone	8.89	43	38546	0.137	ppbv	#	62
51) 2-Hexanone	10.28	43	10481	0.050	ppbv	#	28
52) Tetrachloroethene	11.39	164	20332	0.202	ppbv	#	76
53) Toluene	9.96	91	6381172	19.287	ppbv		99
56) 1,1,1,2-Tetrachloroethane	11.85	131	80431	0.507	ppbv	#	1
58) Ethyl Benzene	12.88	91	1027230	2.439	ppbv		97
59) m/p-Xylene	13.13	91	3205461	8.546	ppbv		97
60) o-Xylene	13.86	91	1209605	3.343	ppbv		99
61) Styrene	13.70	104	79812	0.329	ppbv		97
62) Isopropylbenzene	14.84	105	40847	0.080	ppbv		95
64) n-propylbenzene	15.74	120	37563	0.295	ppbv		96
65) tert-Butylbenzene	16.94	119	100900	0.231	ppbv	#	60
71) 2-Chlorotoluene	15.74	91	134386	0.369	ppbv	#	45
72) 4-Ethyltoluene	16.01	105	309387	0.803	ppbv		97
73) 1,3,5-Trimethylbenzene	16.17	105	237351	0.632	ppbv		94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032729.D
Acq On : 7 Nov 2018 22:58
Operator : SY/AP
Sample : J5823-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-01

Quant Time: Nov 08 10:56:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,2,4-Trimethylbenzene	16.94	105	969158	2.418	ppbv	#	74
75) 1,3-Dichlorobenzene	17.18	146	110174	0.478	ppbv	#	23
79) Naphthalene	22.42	128	14776	0.059	ppbv		96
80) Naphthalene,2-methyl-	25.13	142	2873	0.047	ppbv	#	73

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

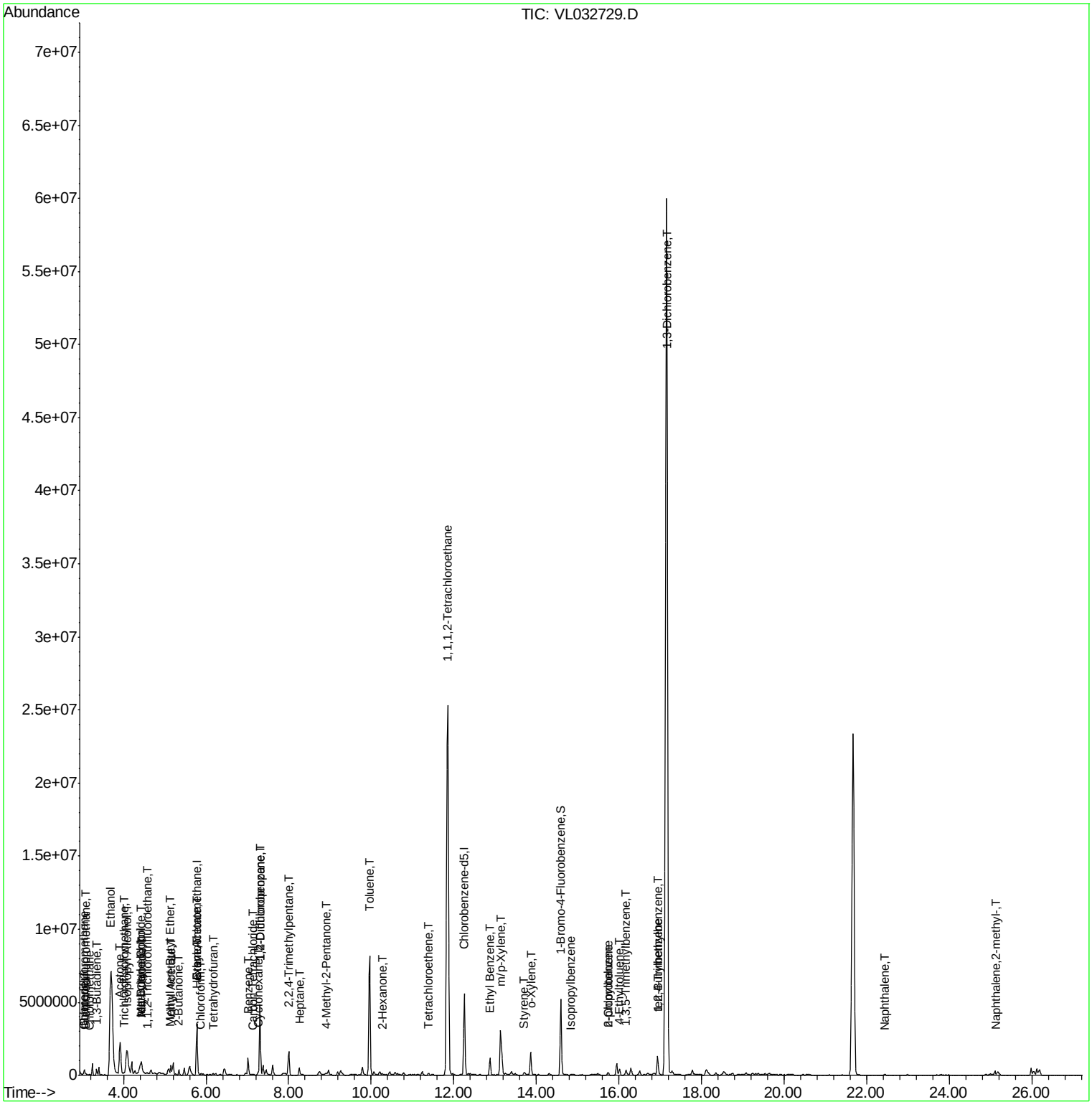
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

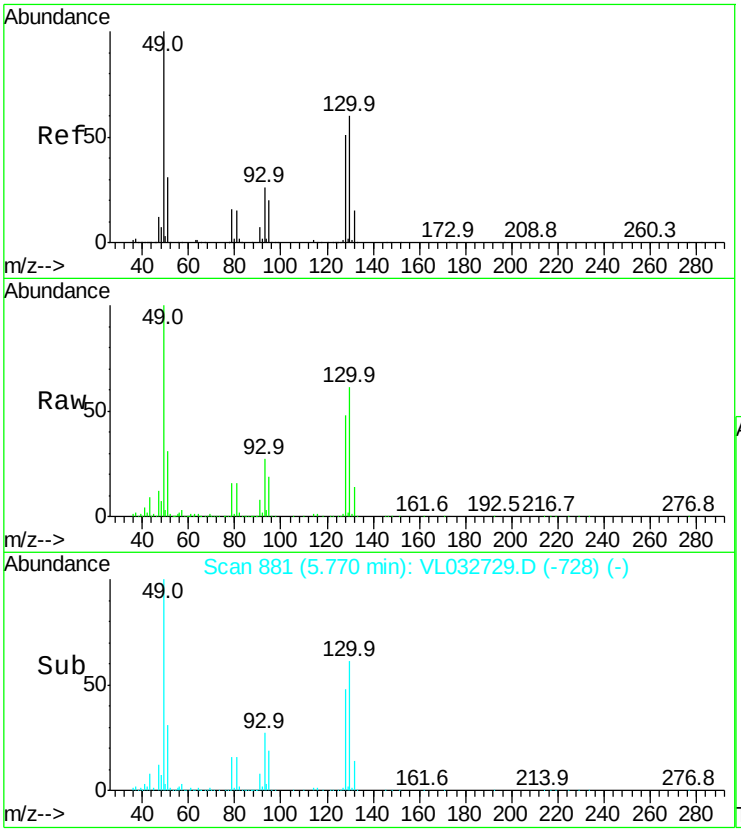
Quantitation Report (Not Reviewed)

Data File : VL032729.D
Acq On : 7 Nov 2018 22:58
Operator : SY/AP
Sample : J5823-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-01

Quant Time: Nov 08 10:56:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration



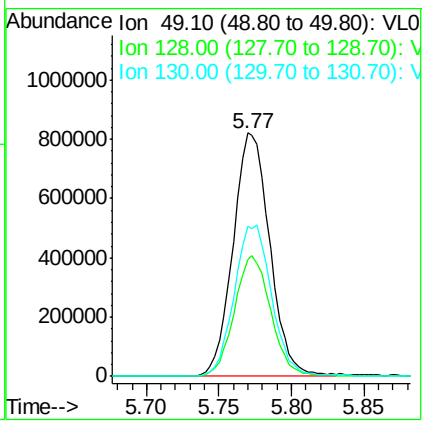


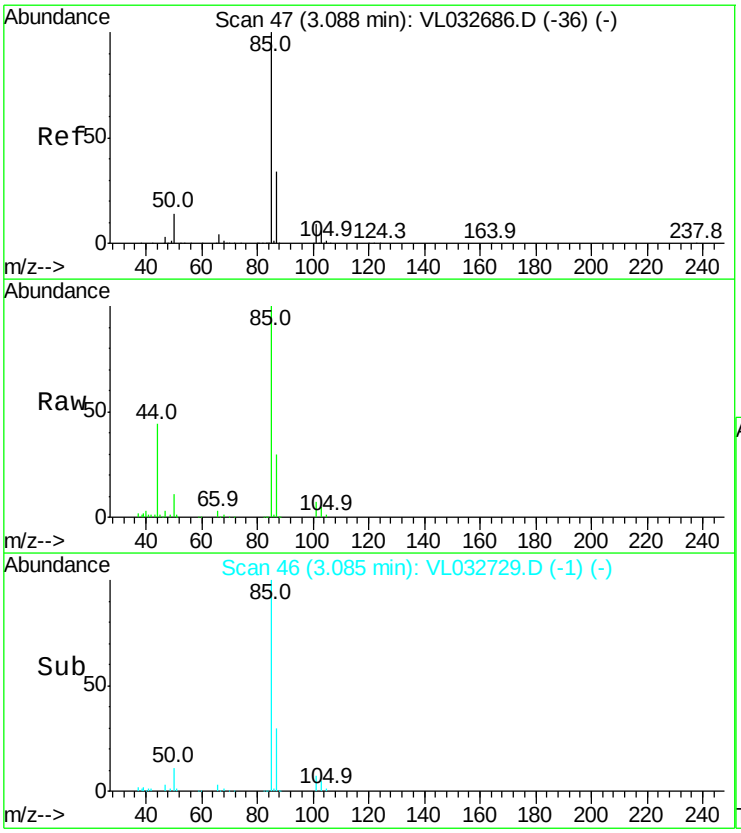
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 49 Resp: 1445531

Ion	Ratio	Lower	Upper
49	100		
128	49.7	22.3	66.8
130	63.7	28.4	85.3

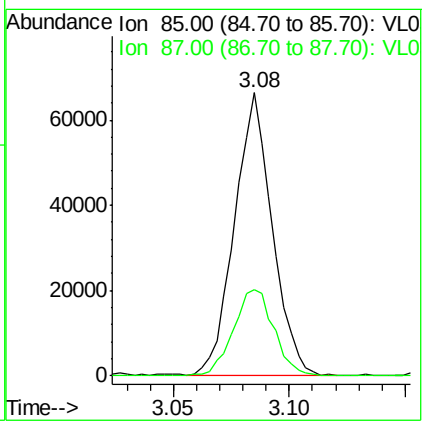


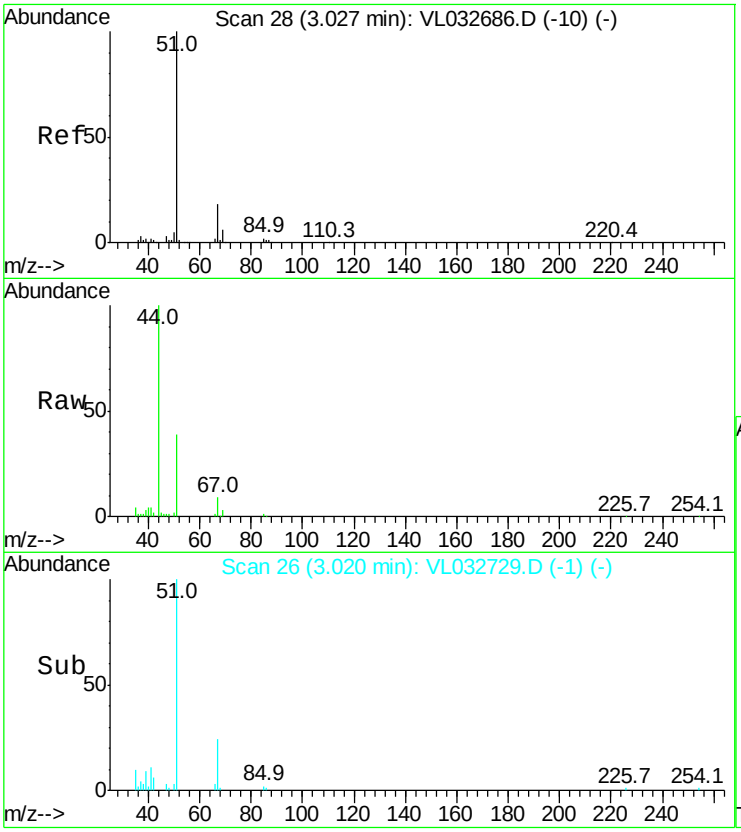


#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 3.08 min Scan# 46
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 85 Resp: 75170

Ion	Ratio	Lower	Upper
85	100		
87	30.3	26.2	39.2



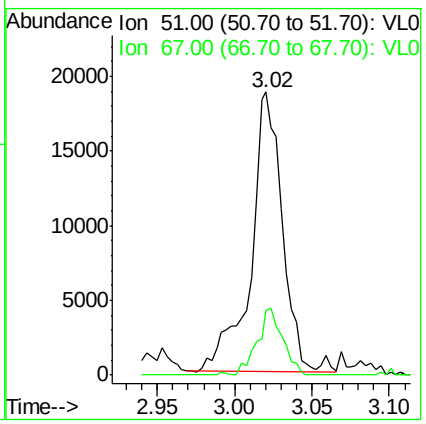


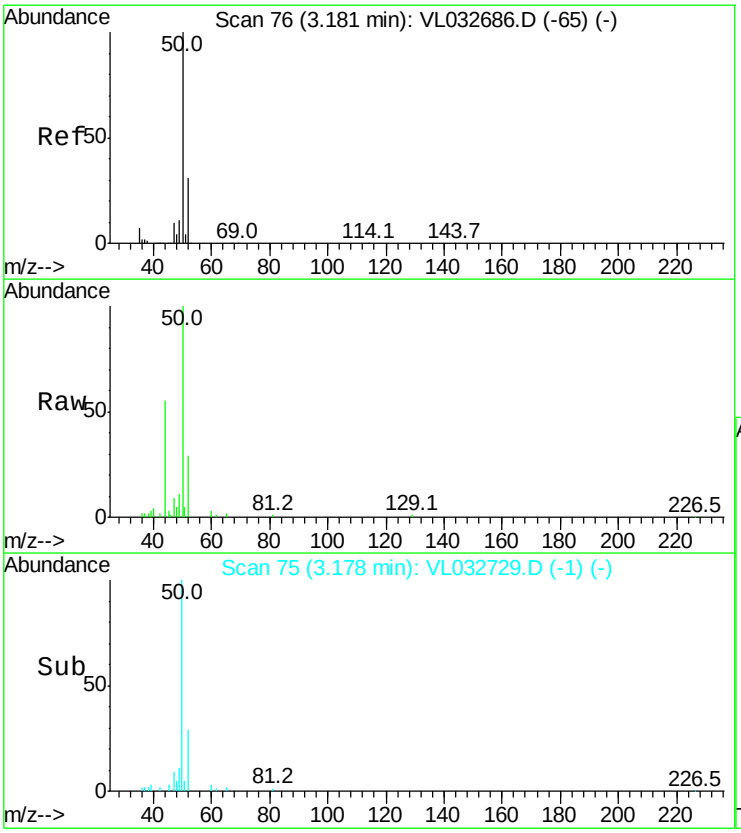
#3
Chlorodifluoromethane
Concen: 0.236 ppbv
RT: 3.02 min Scan# 26
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 51 Resp: 26651

Ion	Ratio	Lower	Upper
51	100		
67	19.4	15.2	22.8

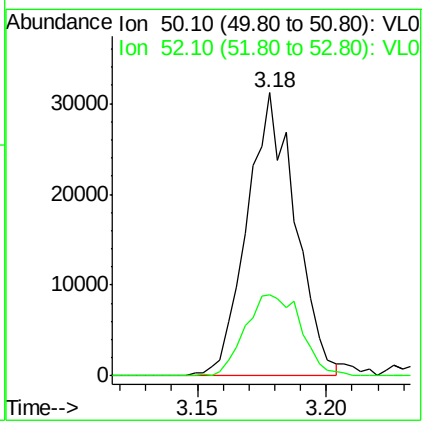


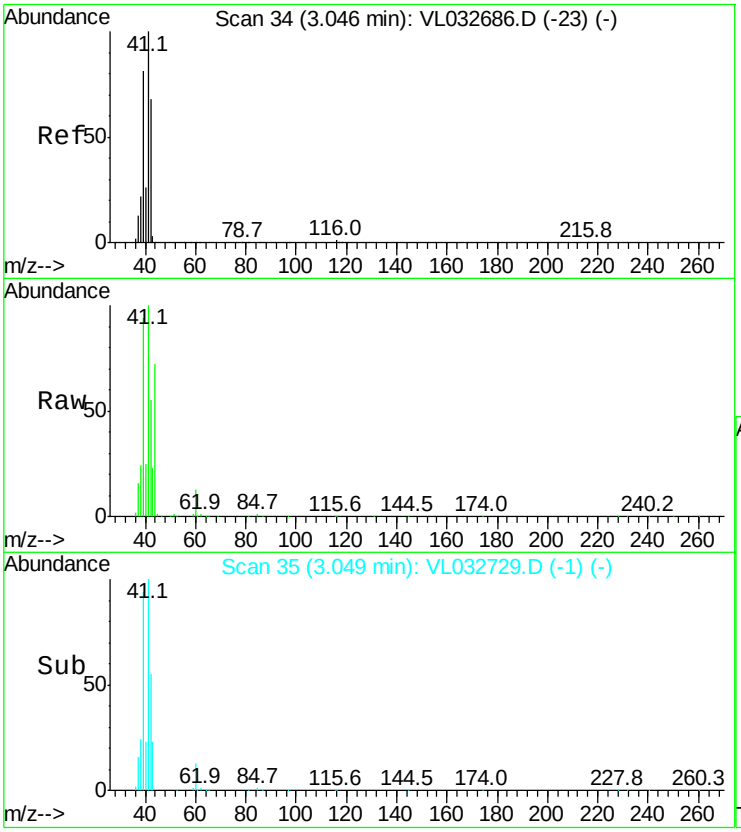


#4
Chloromethane
Concen: 0.646 ppbv
RT: 3.18 min Scan# 75
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 50 Resp: 40811

Ion	Ratio	Lower	Upper
50	100		
52	27.3	25.9	38.9

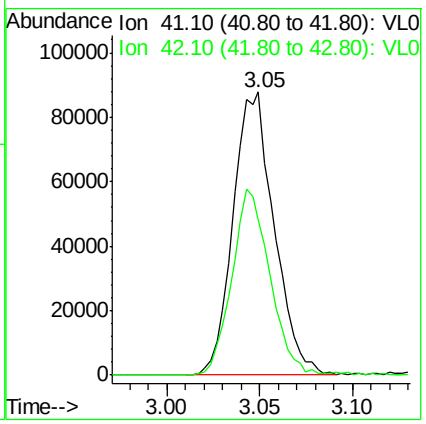




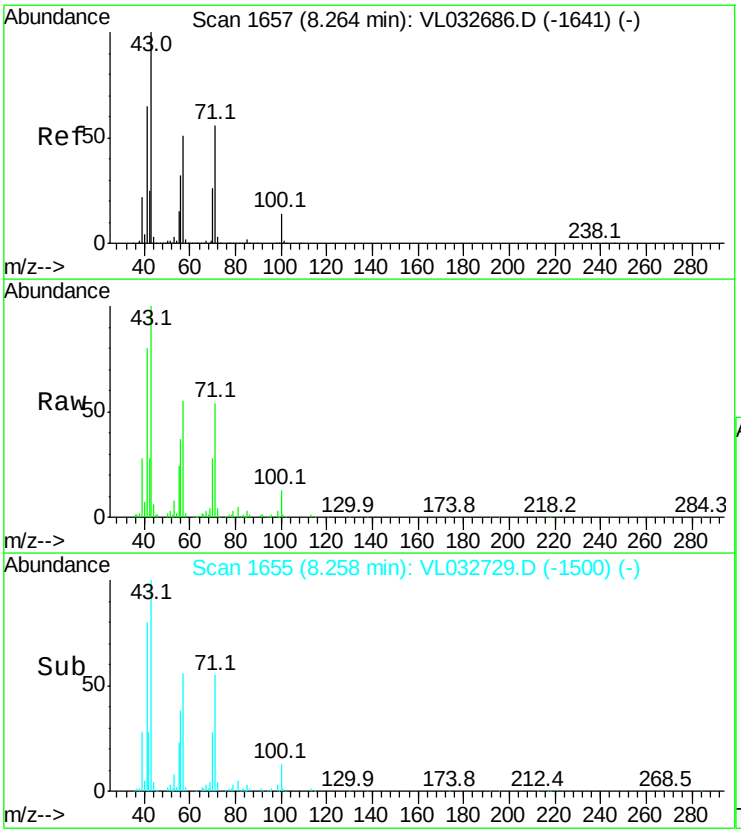
#9
Propene
Concen: 2.909 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 41 Resp: 135324

Ion	Ratio	Lower	Upper
41	100		
42	61.3	55.4	83.0



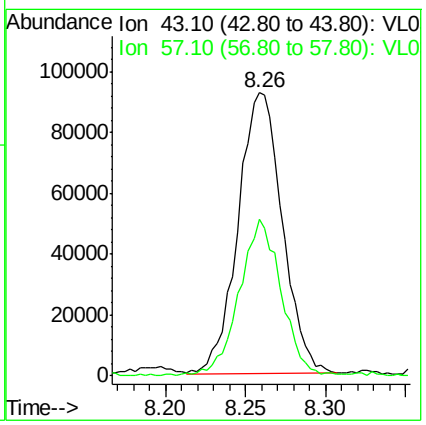
Instrument :
MSVOA_L
ClientSampleId :
IA-01

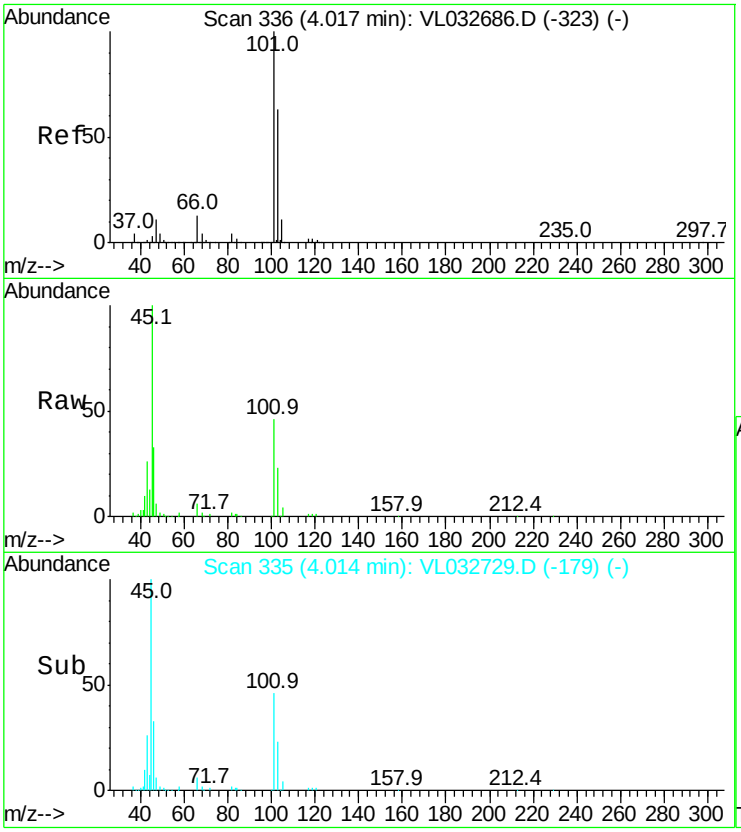


#10
Heptane
Concen: 0.978 ppbv
RT: 8.26 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 43 Resp: 175336

Ion	Ratio	Lower	Upper
43	100		
57	53.2	41.5	62.3



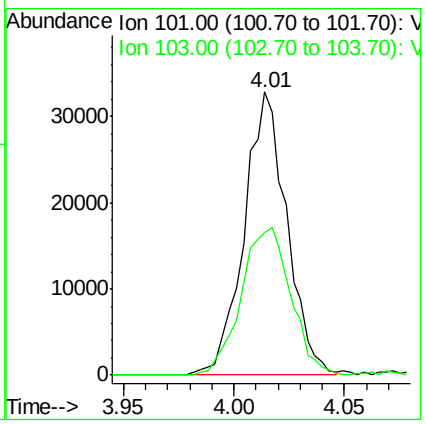


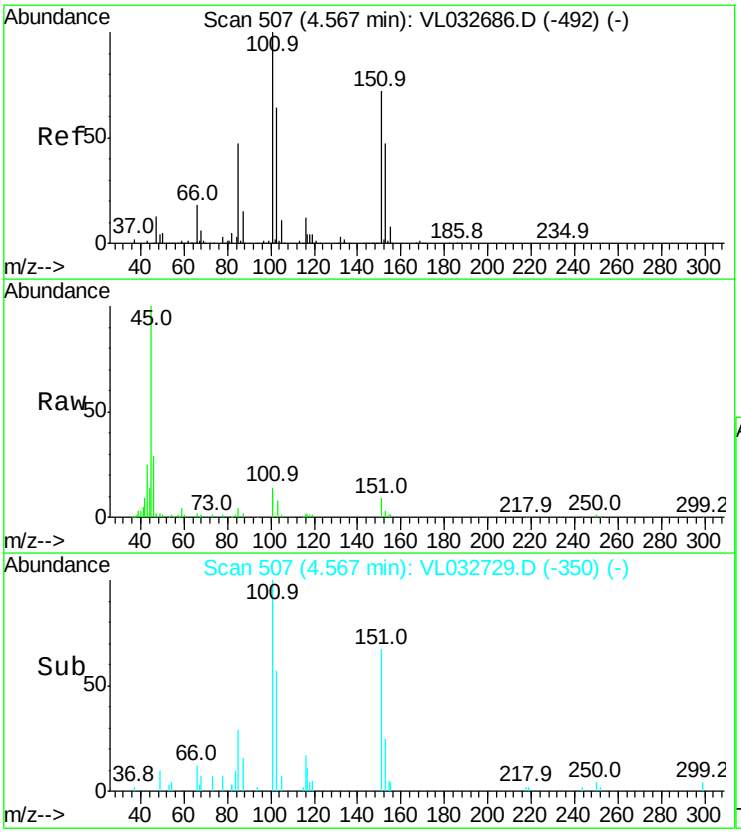
#11
Trichlorofluoromethane
Concen: 0.229 ppbv
RT: 4.01 min Scan# 335
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion:101 Resp: 43973

Ion	Ratio	Lower	Upper
101	100		
103	50.3	51.4	77.2#

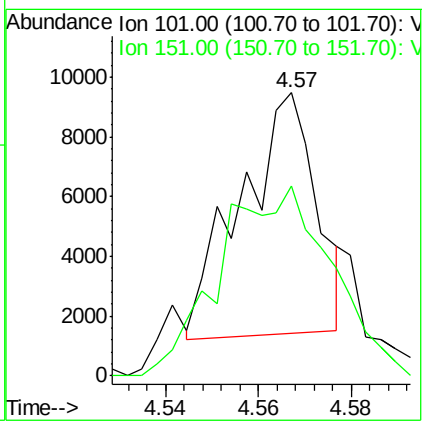


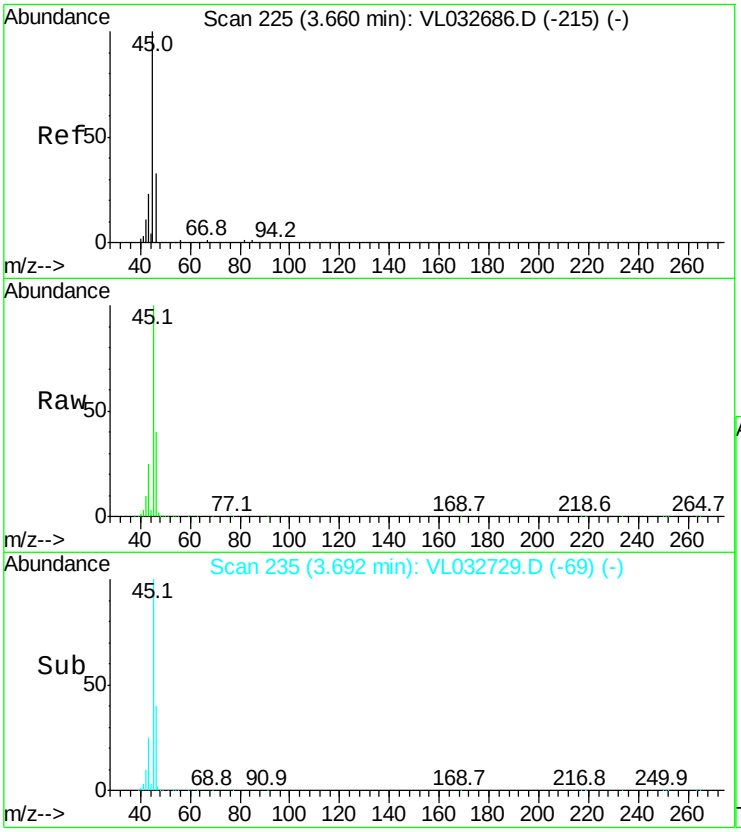


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.057 ppbv
RT: 4.57 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:101 Resp: 9140

Ion	Ratio	Lower	Upper
101	100		
151	116.9	52.3	78.5#



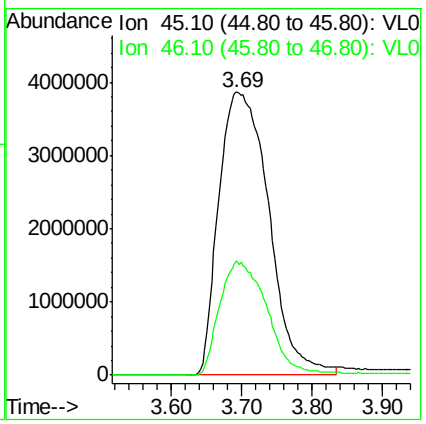


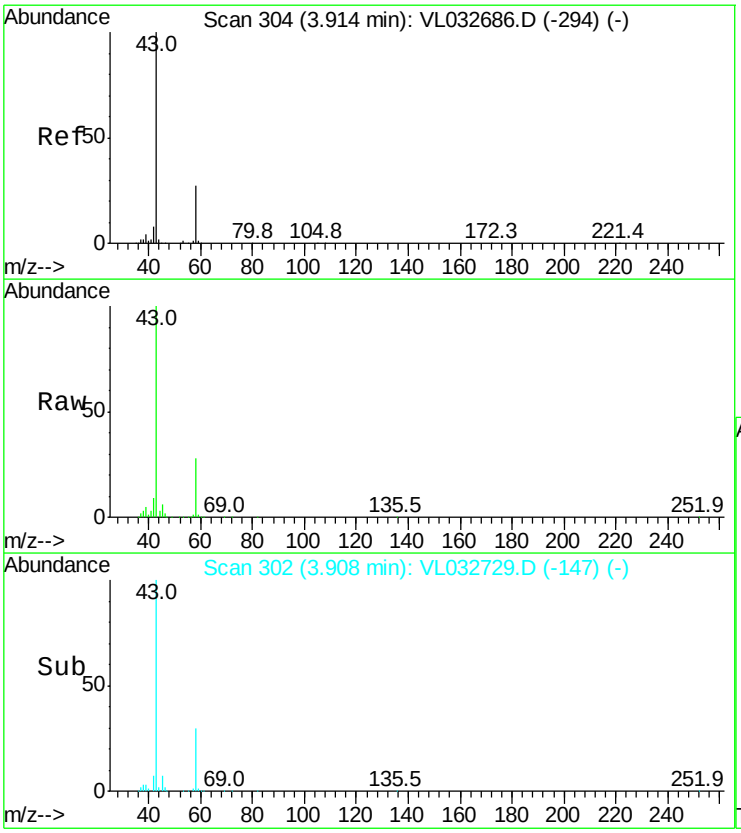
#13
Ethanol
Concen: 1435.970 ppbv
RT: 3.69 min Scan# 235
Delta R.T. 0.03 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 45 Resp:19093710

Ion	Ratio	Lower	Upper
45	100		
46	38.6	15.4	61.8

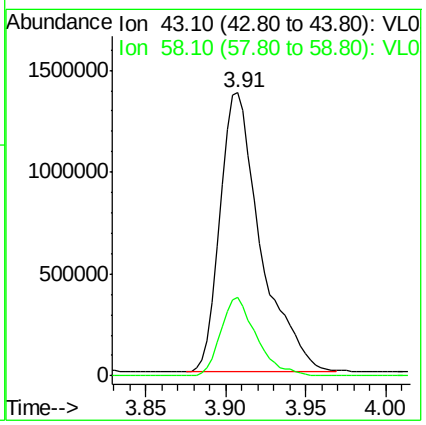


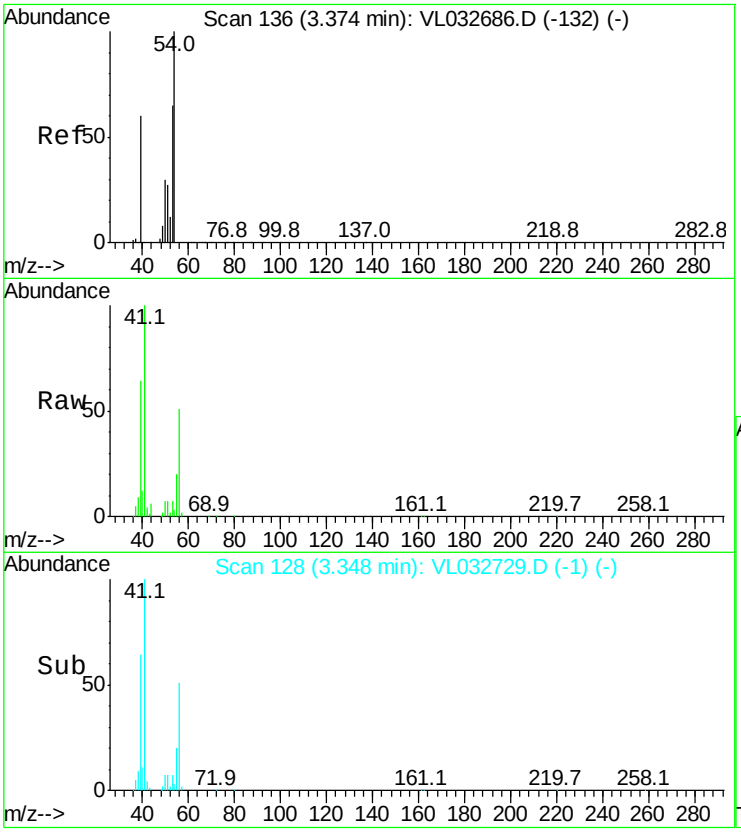


#15
Acetone
Concen: 17.864 ppbv
RT: 3.91 min Scan# 302
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 43 Resp: 2384530

Ion	Ratio	Lower	Upper
43	100		
58	25.1	22.1	33.1



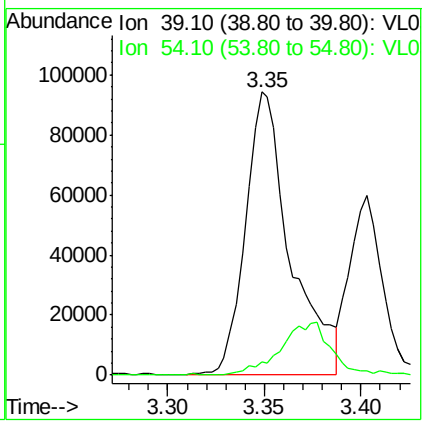


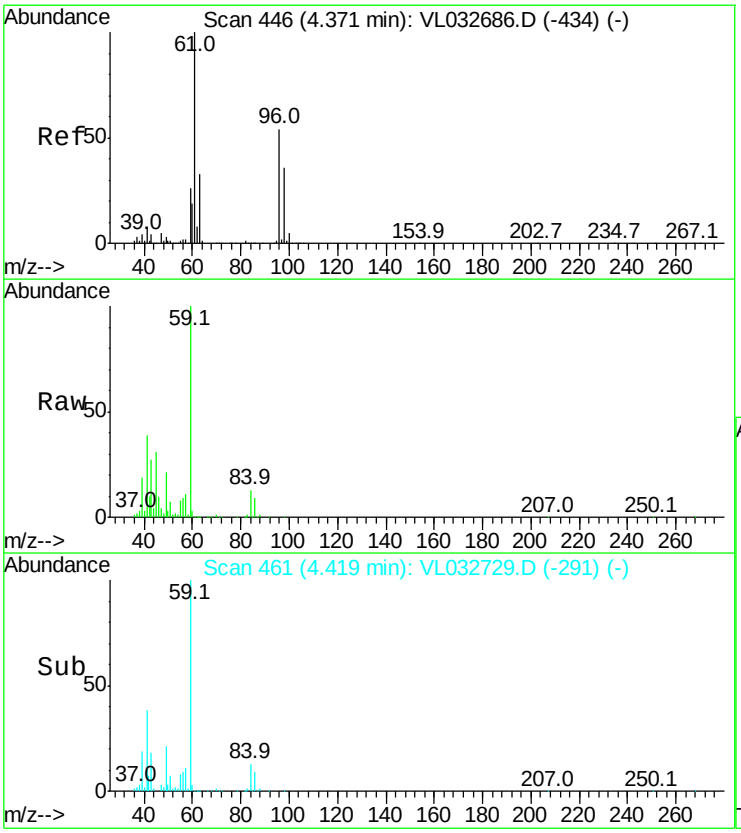
#16
1,3-Butadiene
Concen: 3.114 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.03 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 39 Resp: 152926

Ion	Ratio	Lower	Upper
39	100		
54	0.0	90.4	135.6#

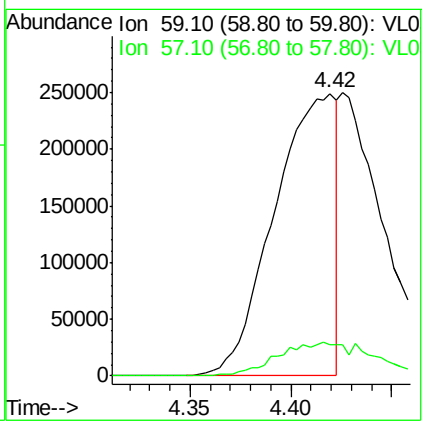


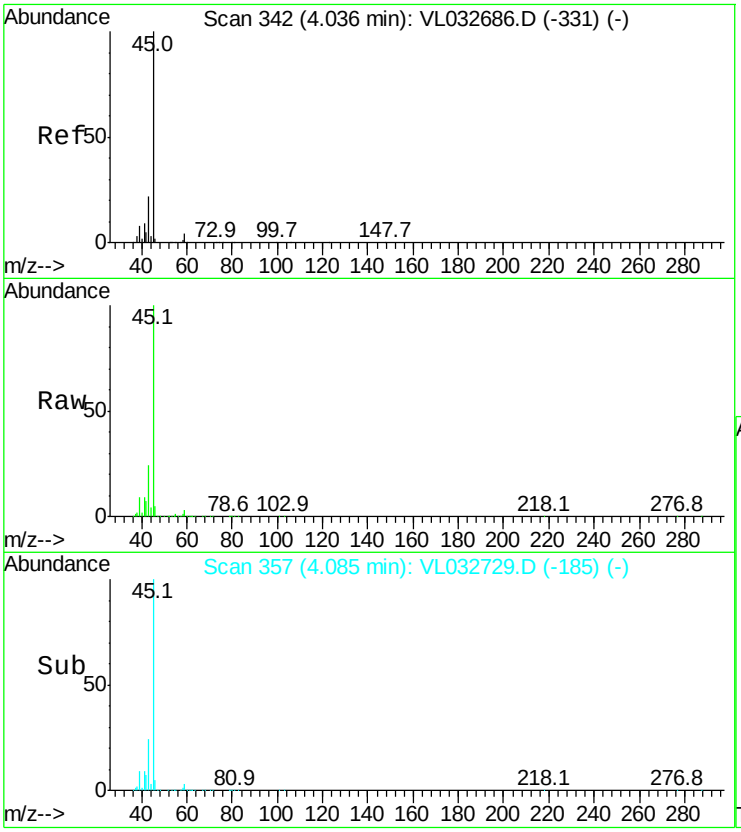


#17
tert-Butyl alcohol
Concen: 13.406 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.05 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 59 Resp: 526289

Ion	Ratio	Lower	Upper
59	100		
57	19.5	0.0	0.0#



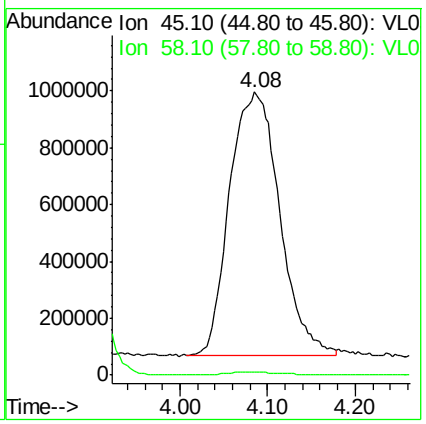


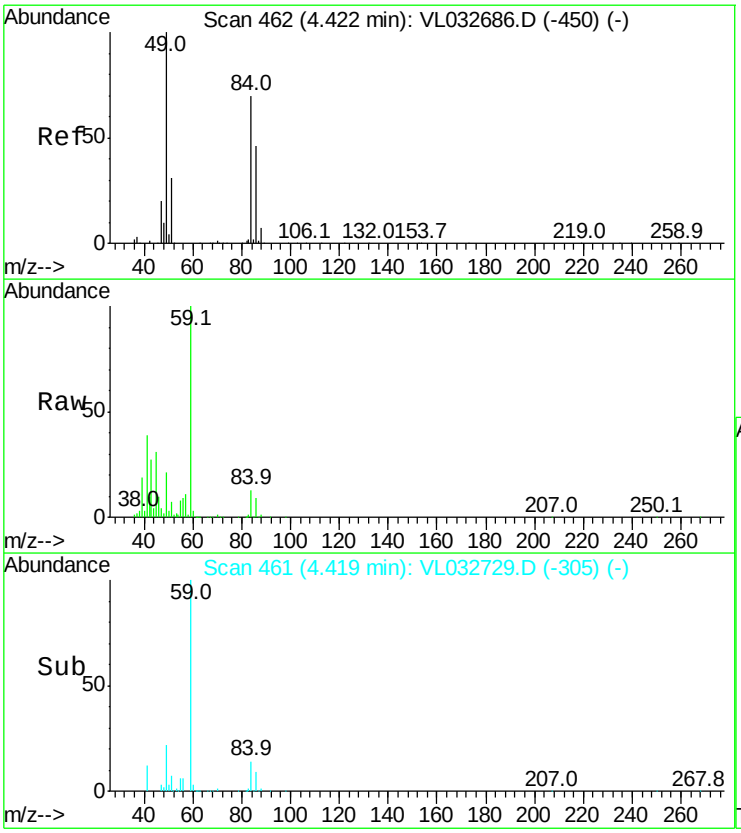
#19
Isopropyl Alcohol
Concen: 38.756 ppbv
RT: 4.08 min Scan# 357
Delta R.T. 0.05 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 45 Resp: 3684210

Ion	Ratio	Lower	Upper
45	100		
58	1.2	2.0	3.0#

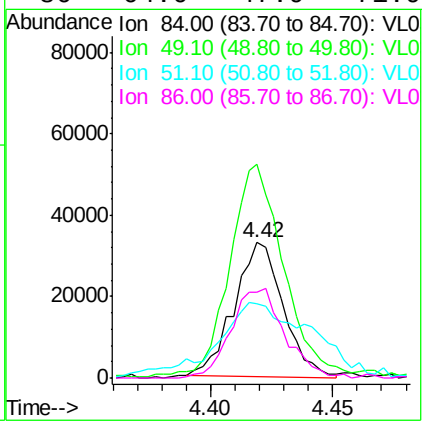


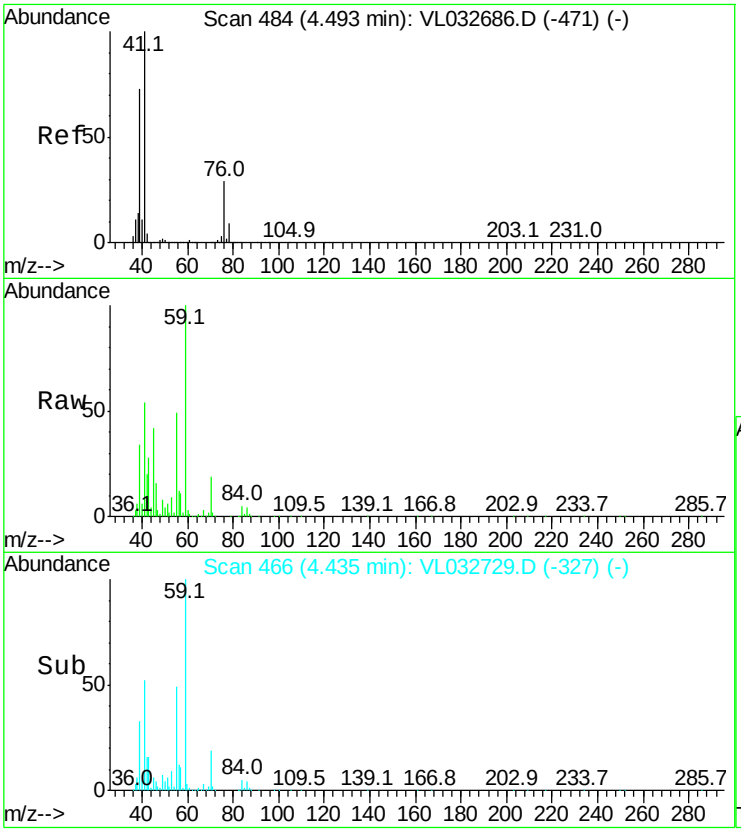


#20
Methylene Chloride
Concen: 0.676 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 84 Resp: 45834

Ion	Ratio	Lower	Upper
84	100		
49	156.1	113.5	170.3
51	41.5	34.8	52.2
86	64.0	47.9	71.9



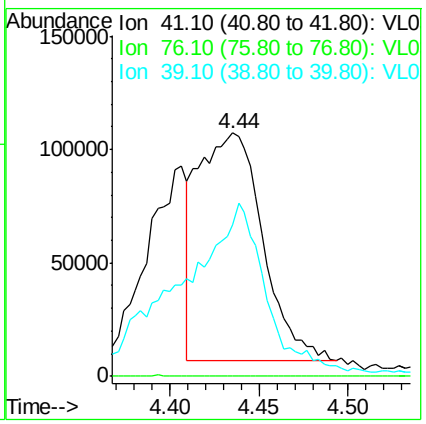


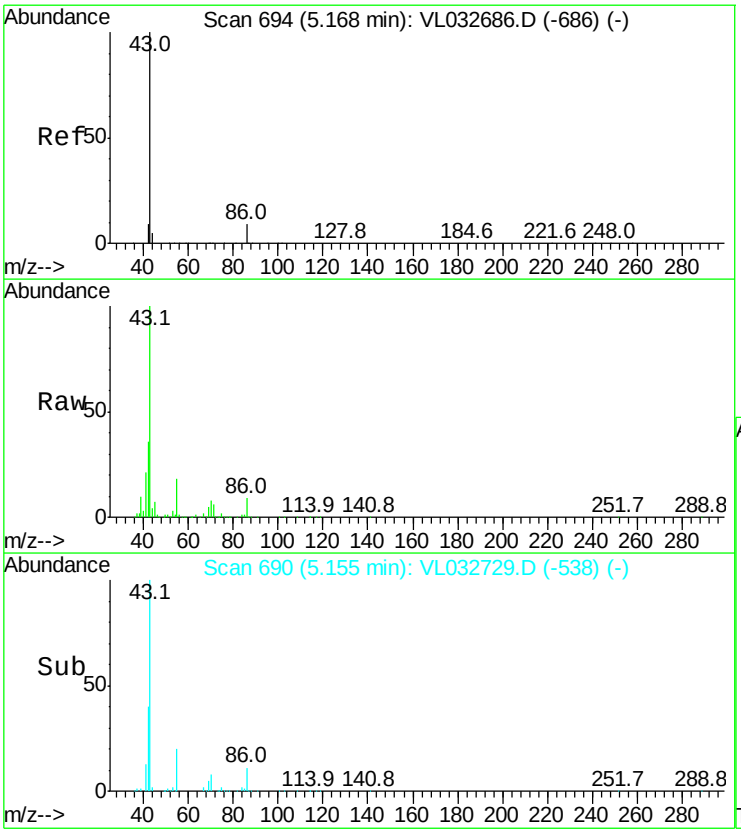
#21
Allyl Chloride
Concen: 2.289 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 41 Resp: 250881

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.3	36.5#
39	102.6	60.3	90.5#

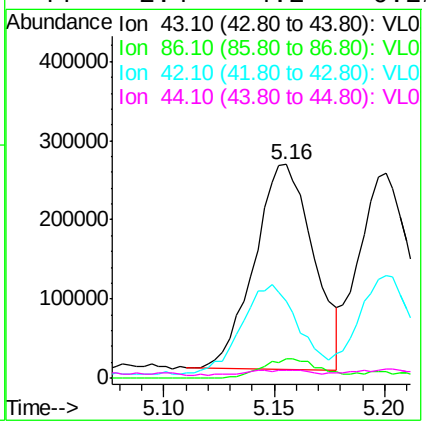


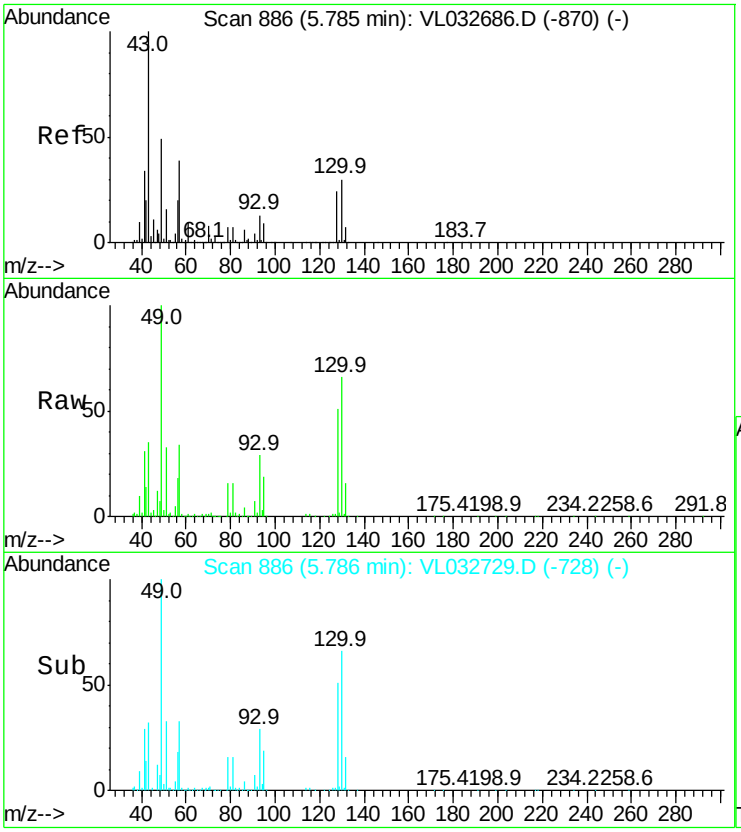


#23
Vinyl Acetate
Concen: 2.032 ppbv
RT: 5.16 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 43 Resp: 480753

Ion	Ratio	Lower	Upper
43	100		
86	9.3	6.1	9.1#
42	35.4	7.4	11.2#
44	2.4	4.2	6.2#



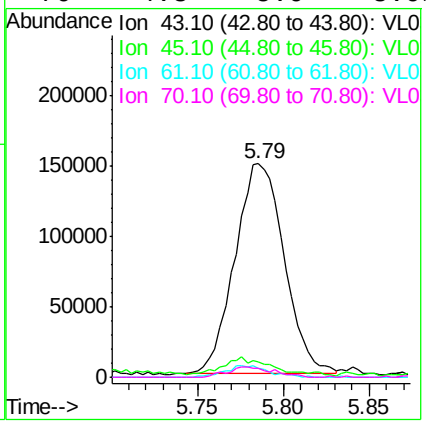


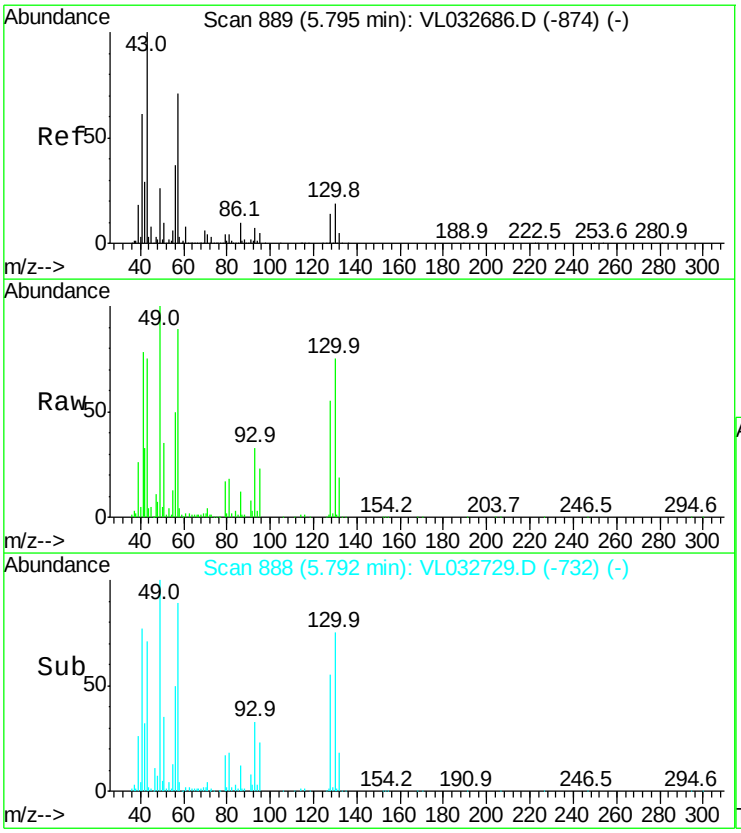
#25
Ethyl Acetate
Concen: 0.974 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 43 Resp: 299185

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	5.1	8.0	12.0#
70	4.8	5.9	8.9#

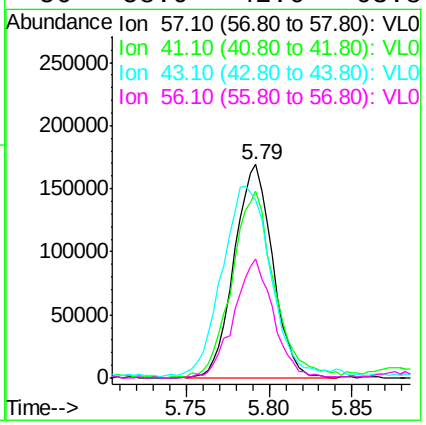


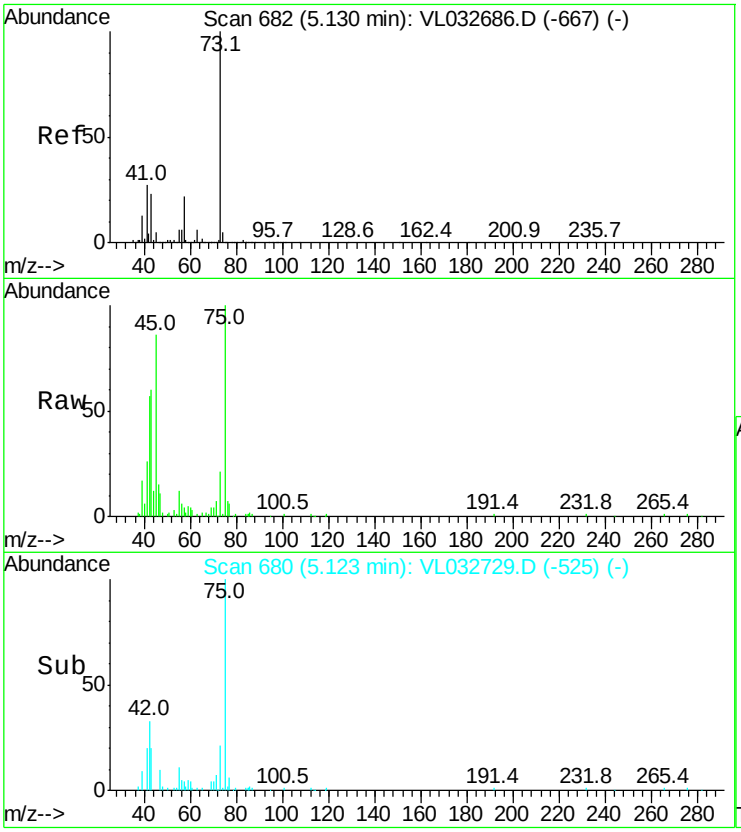


#26
Hexane
Concen: 1.863 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 57 Resp: 270888

Ion	Ratio	Lower	Upper
57	100		
41	96.7	67.4	101.0
43	113.3	171.9	257.9#
56	58.0	42.6	63.8



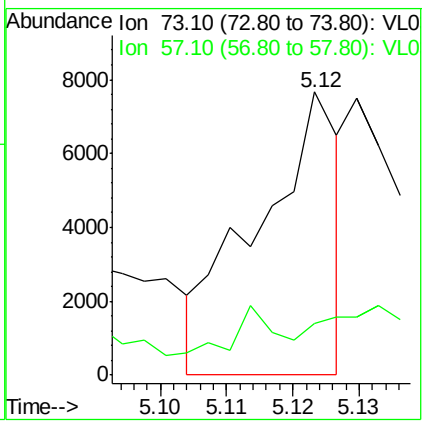


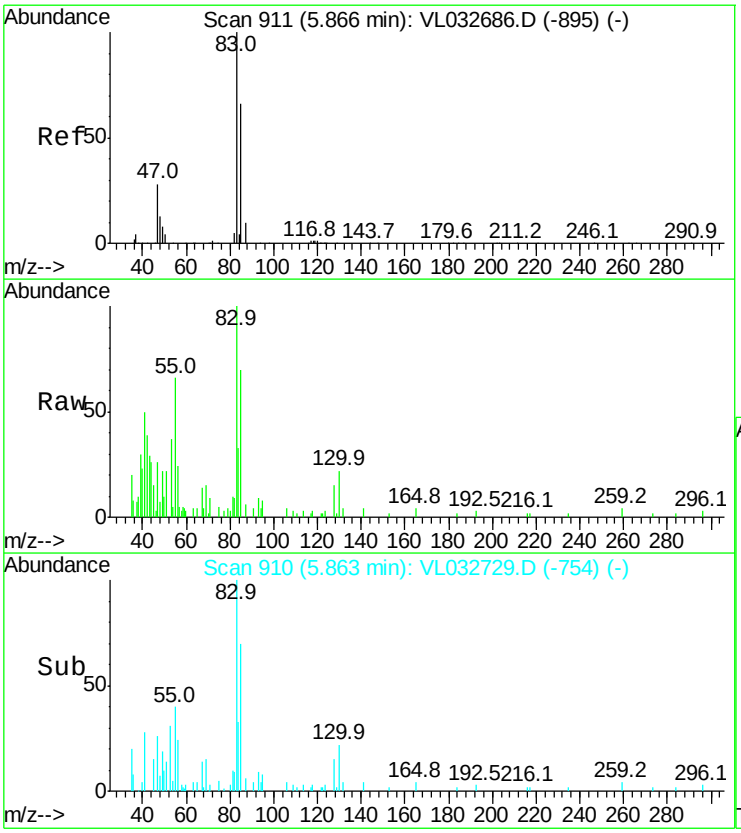
#28
Methyl tert-Butyl Ether
Concen: 0.031 ppbv
RT: 5.12 min Scan# 680
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 73 Resp: 6543

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.0	27.0#

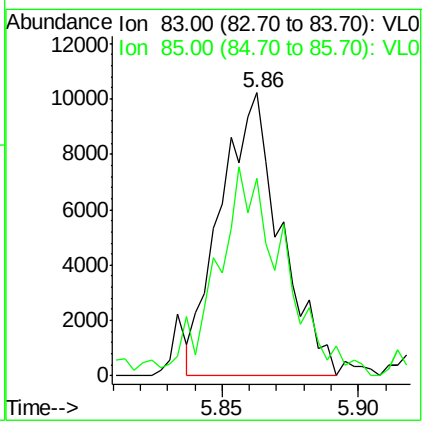


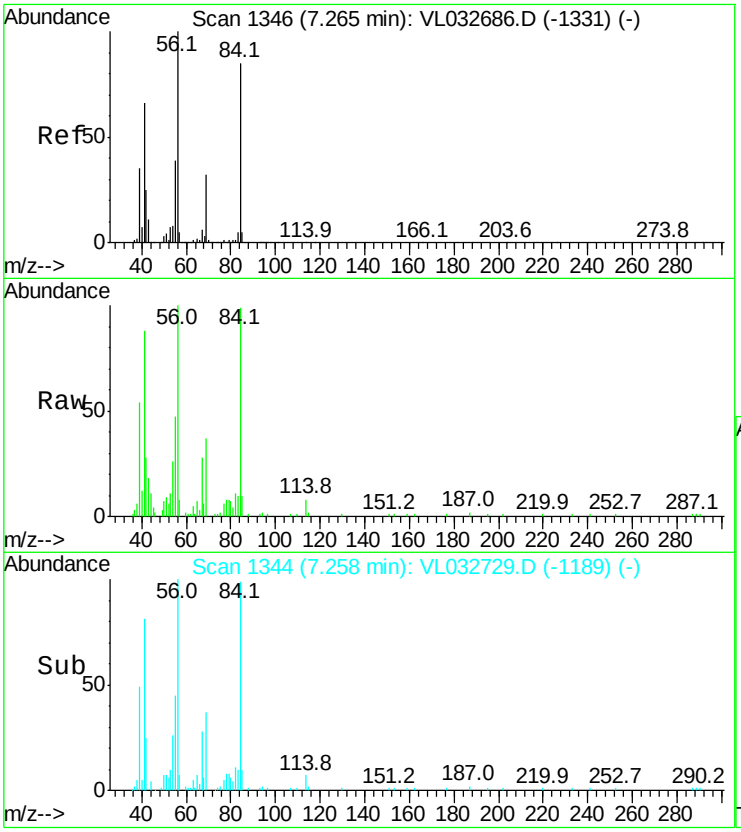


#29
Chloroform
Concen: 0.068 ppbv
RT: 5.86 min Scan# 910
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 83 Resp: 15675

Ion	Ratio	Lower	Upper
83	100		
85	59.5	53.0	79.6



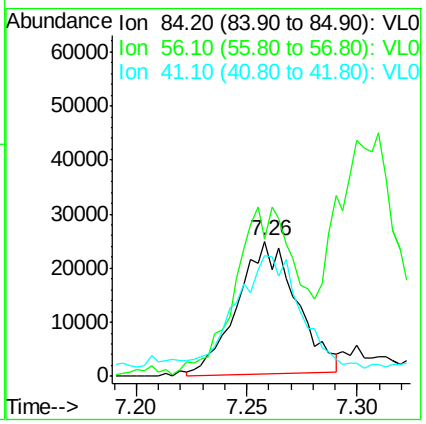


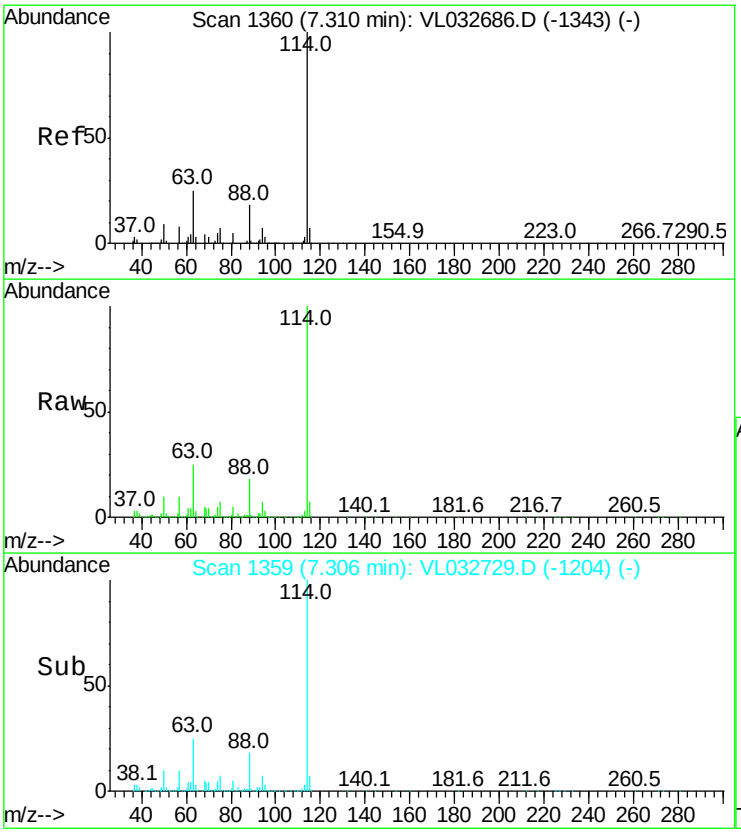
#30
Cyclohexane
Concen: 0.396 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 84 Resp: 45548

Ion	Ratio	Lower	Upper
84	100		
56	138.2	108.3	162.5
41	93.2	64.8	97.2

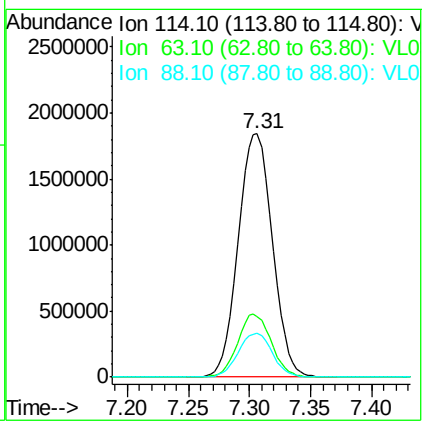


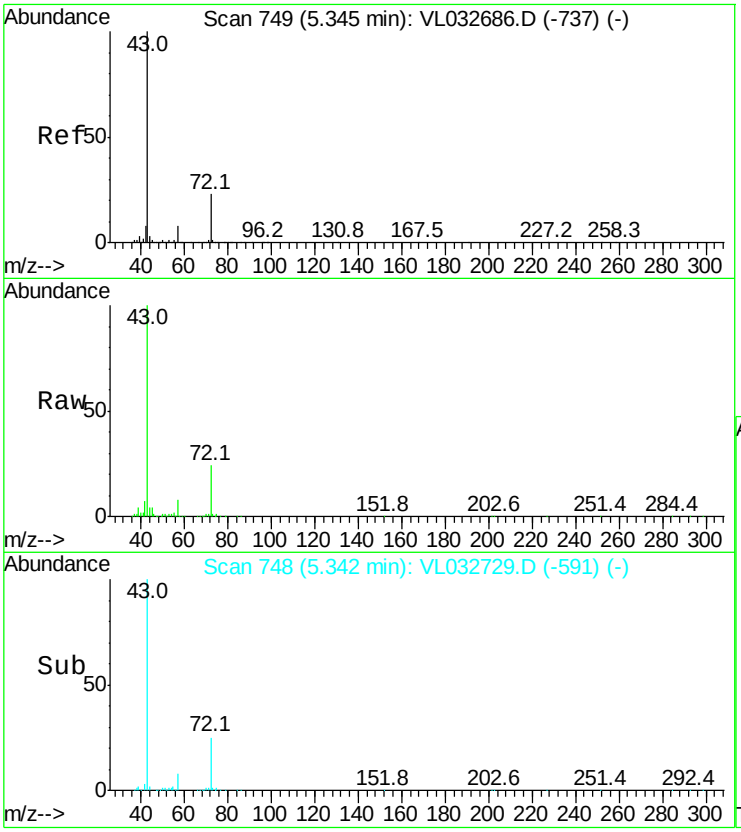


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:114 Resp: 3554325

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.7	32.5
88	17.9	14.9	22.3



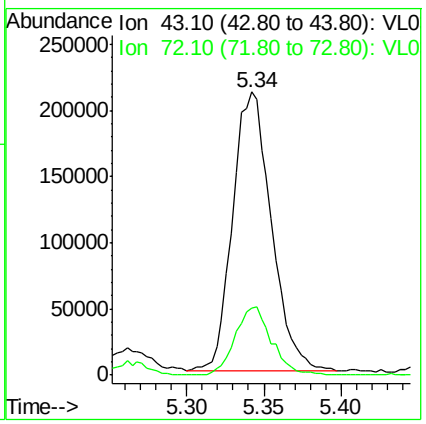


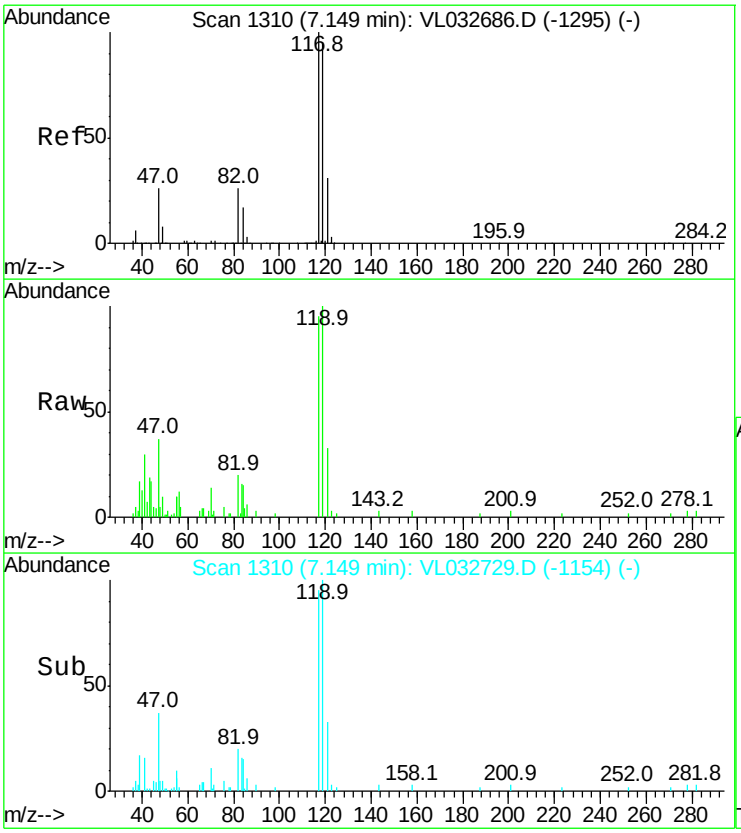
#34
2-Butanone
Concen: 1.913 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 43 Resp: 364569

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.6	27.8

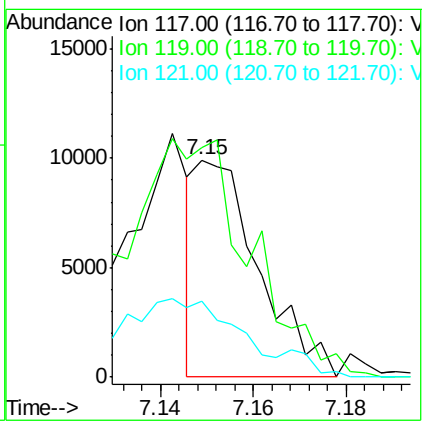


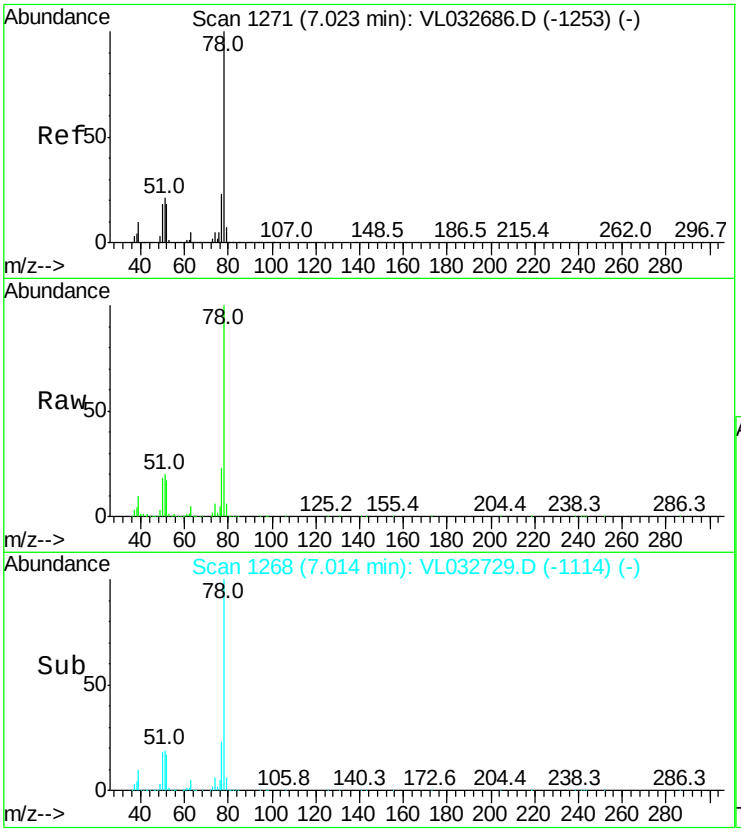


#35
Carbon Tetrachloride
Concen: 0.037 ppbv
RT: 7.15 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:117 Resp: 9283

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.7	113.5
121	32.7	24.7	37.1



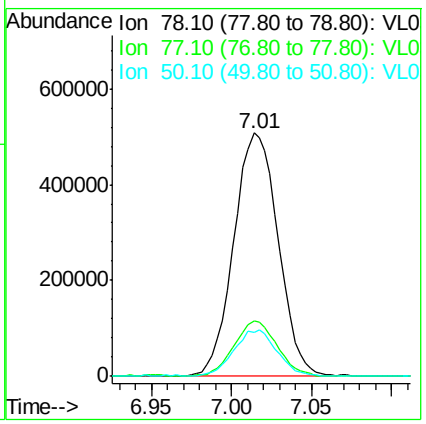


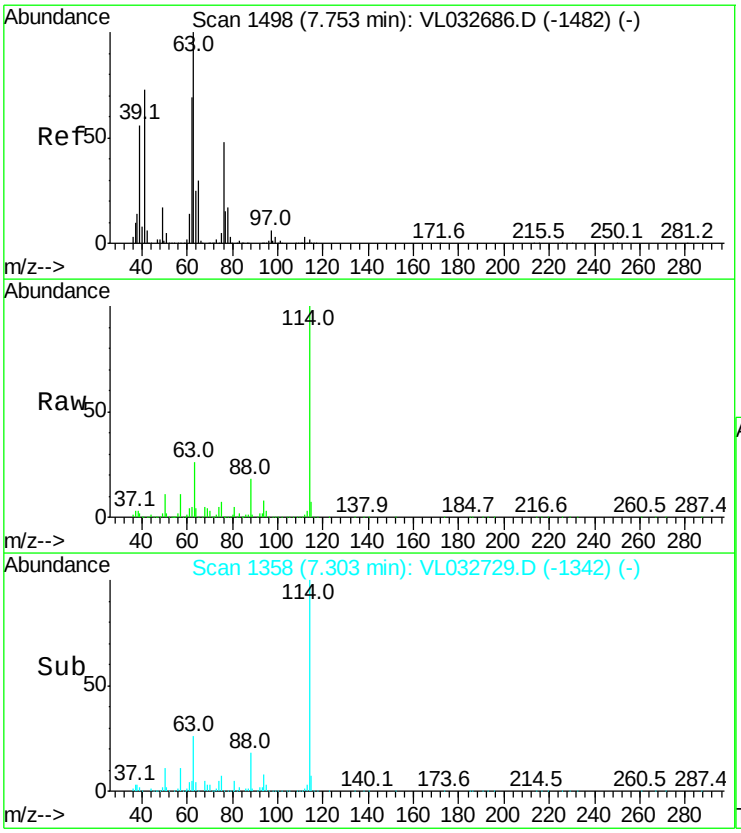
#36
Benzene
Concen: 3.303 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 78 Resp: 953252

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.1	27.1
50	17.9	15.1	22.7

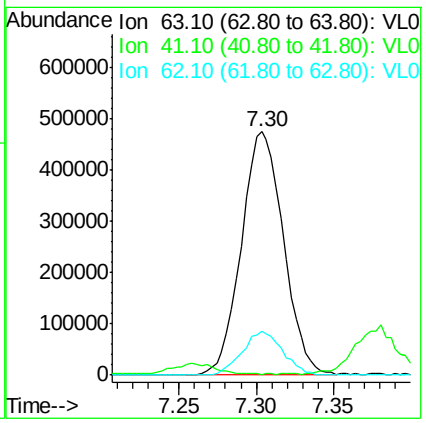


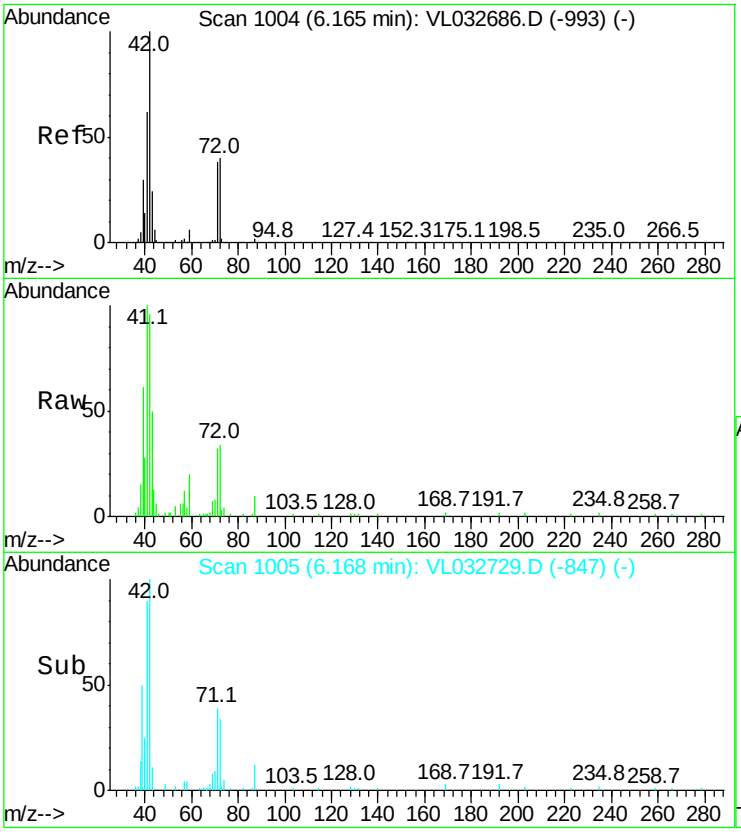


#39
1,2-Dichloropropane
Concen: 8.046 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.45 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 63 Resp: 896769

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.2	84.4#
62	18.1	54.4	81.6#



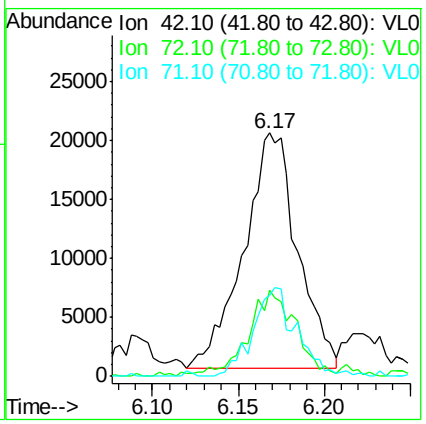


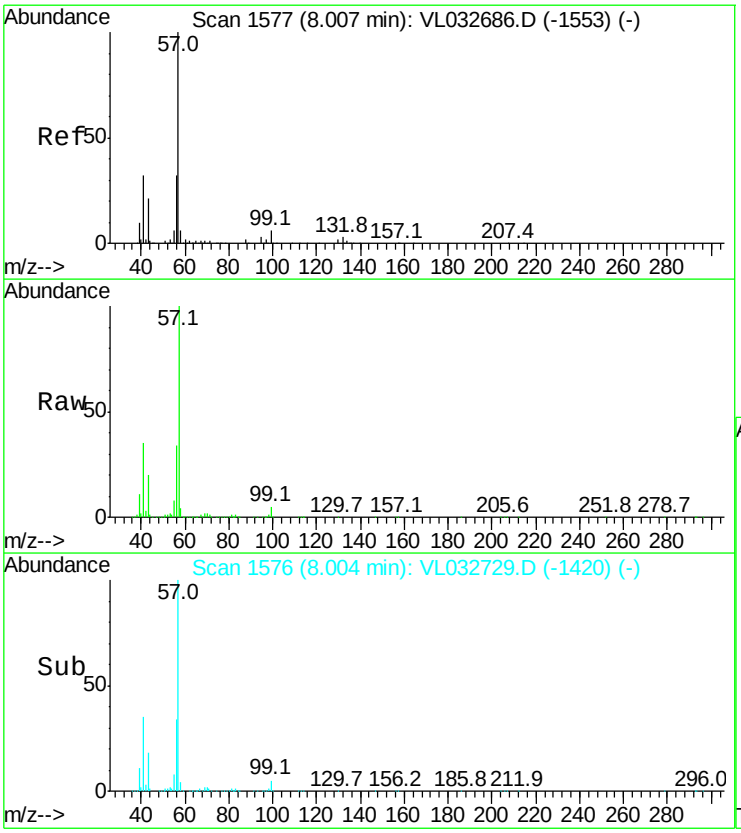
#41
Tetrahydrofuran
Concen: 0.412 ppbv
RT: 6.17 min Scan# 1005
Delta R.T. 0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 42 Resp: 43704

Ion	Ratio	Lower	Upper
42	100		
72	35.4	32.4	48.6
71	30.8	31.3	46.9#

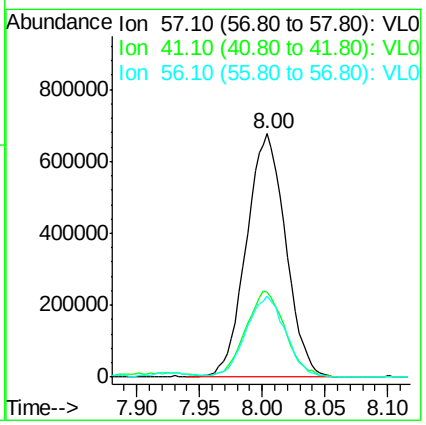


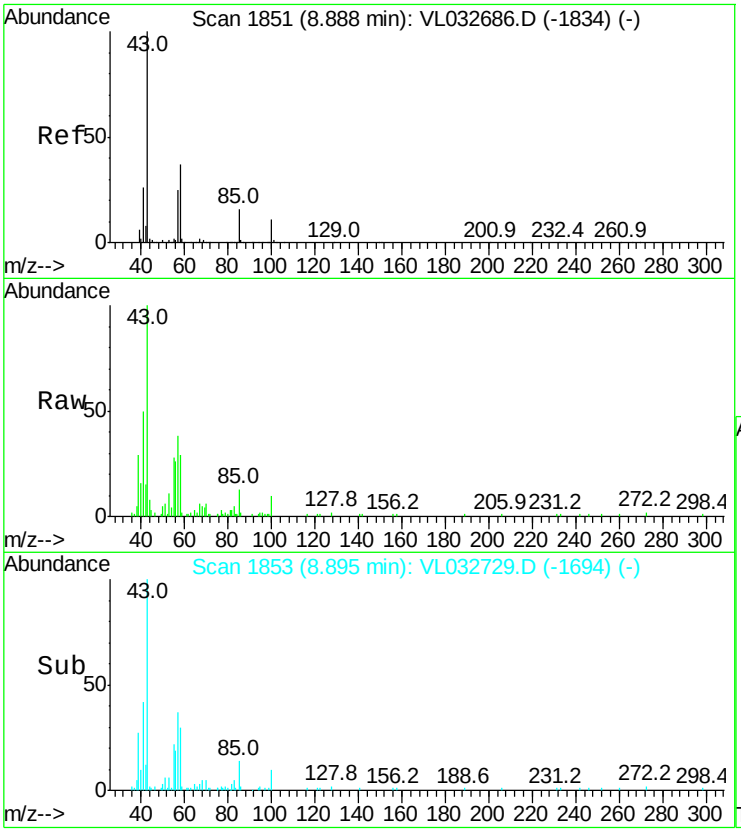


#44
2,2,4-Trimethylpentane
Concen: 2.987 ppbv
RT: 8.00 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 57 Resp: 1471842

Ion	Ratio	Lower	Upper
57	100		
41	35.5	24.7	37.1
56	33.4	25.0	37.4



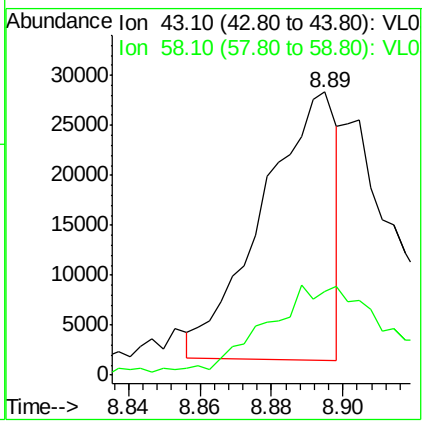


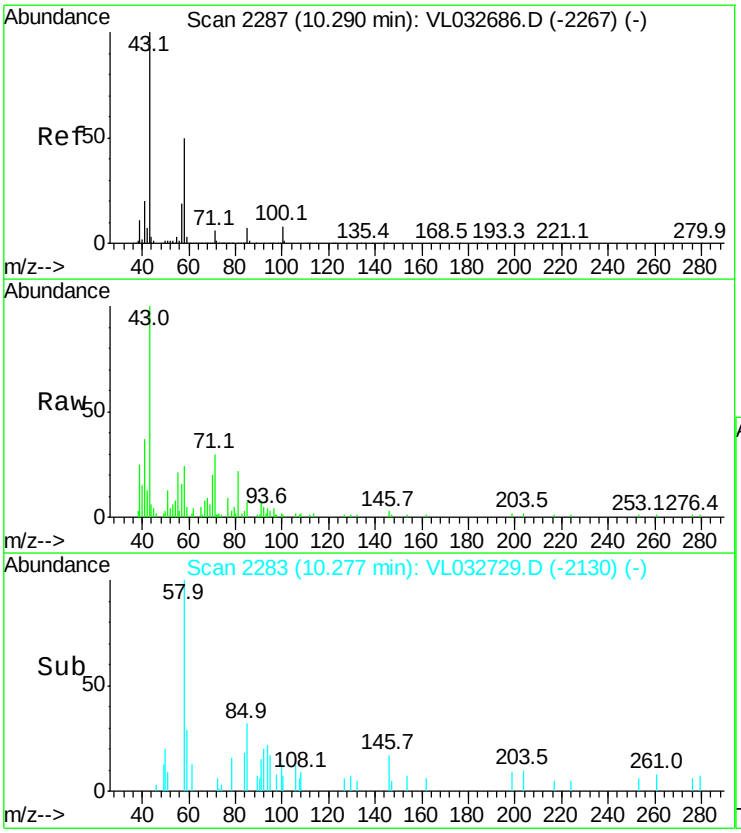
#50
4-Methyl-2-Pentanone
Concen: 0.137 ppbv
RT: 8.89 min Scan# 1853
Delta R.T. 0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 43 Resp: 38546

Ion	Ratio	Lower	Upper
43	100		
58	60.0	29.7	44.5#

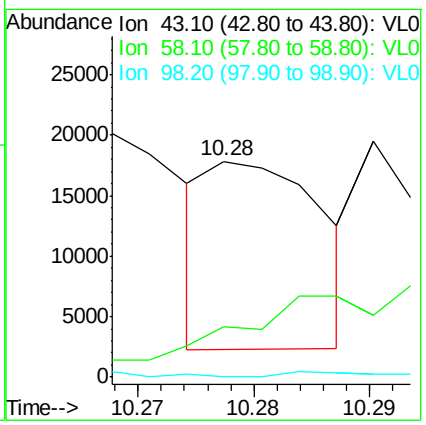


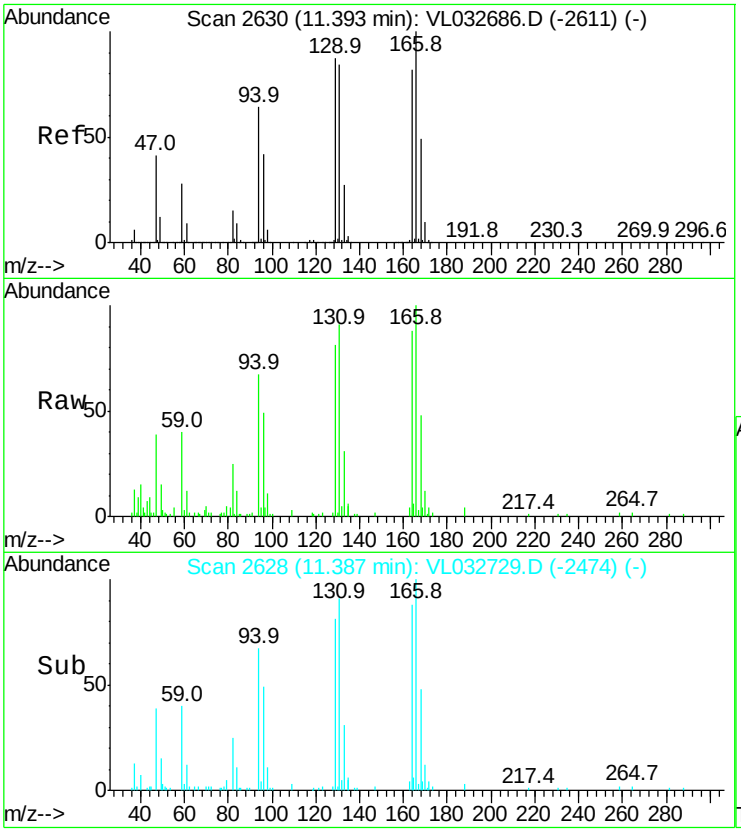


#51
2-Hexanone
Concen: 0.050 ppbv
RT: 10.28 min Scan# 2283
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 43 Resp: 10481

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.4	60.6#
98	0.0	0.4	0.6#



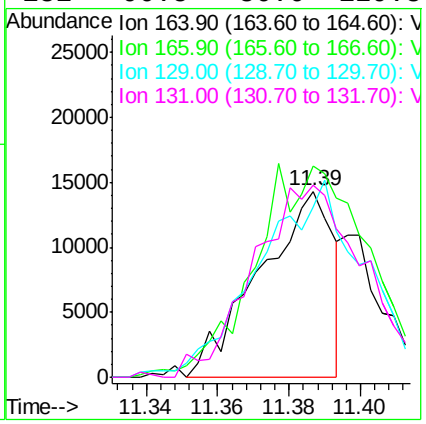


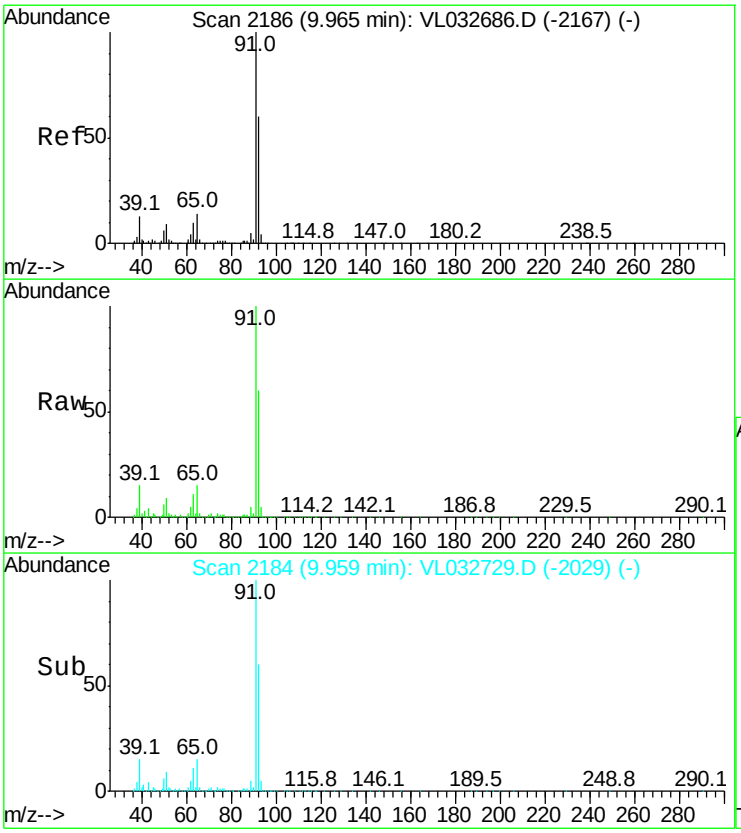
#52
Tetrachloroethene
Concen: 0.202 ppbv
RT: 11.39 min Scan# 2628
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion:164 Resp: 20332

Ion	Ratio	Lower	Upper
164	100		
166	100.6	100.5	150.7
129	78.5	90.0	135.0#
131	90.5	86.6	129.8

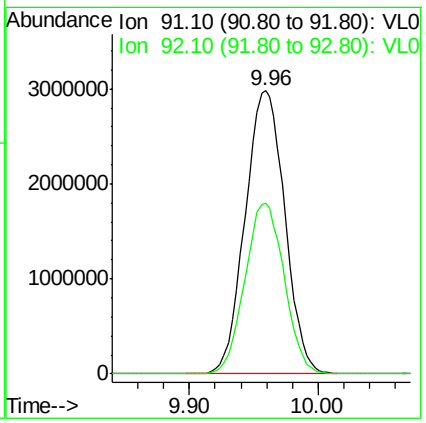


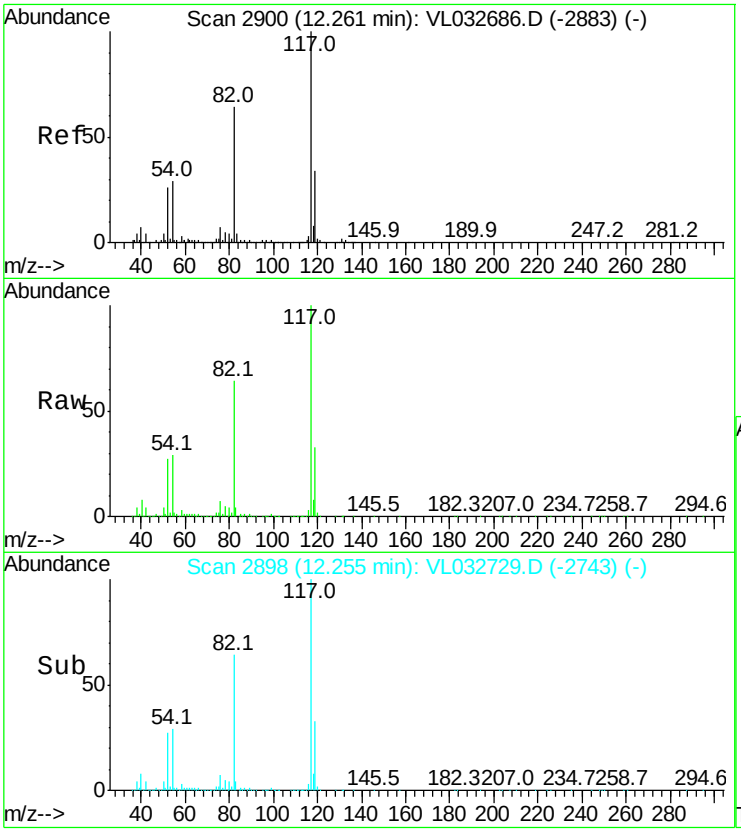


#53
Toluene
Concen: 19.287 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 91 Resp: 6381172

Ion	Ratio	Lower	Upper
91	100		
92	59.8	48.4	72.6



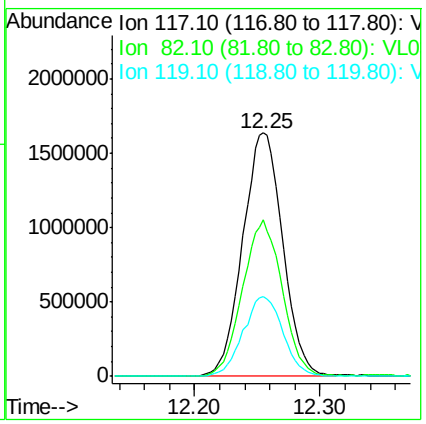


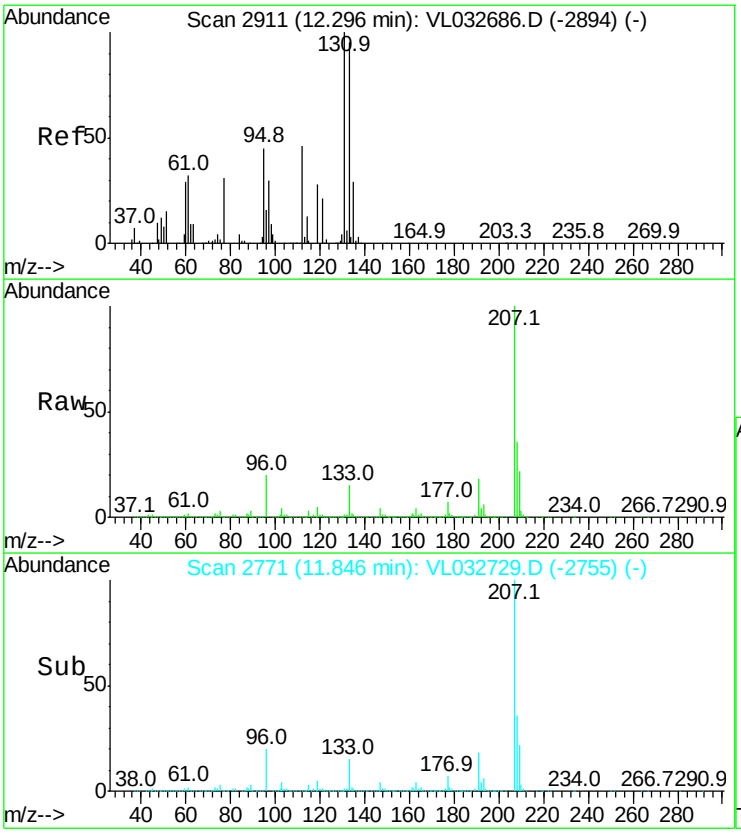
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion:117 Resp: 3625676

Ion	Ratio	Lower	Upper
117	100		
82	63.8	52.7	79.1
119	32.7	26.7	40.1

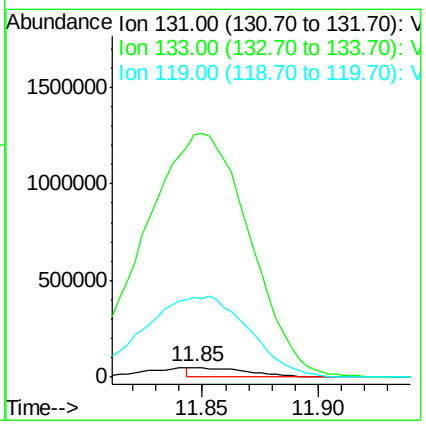


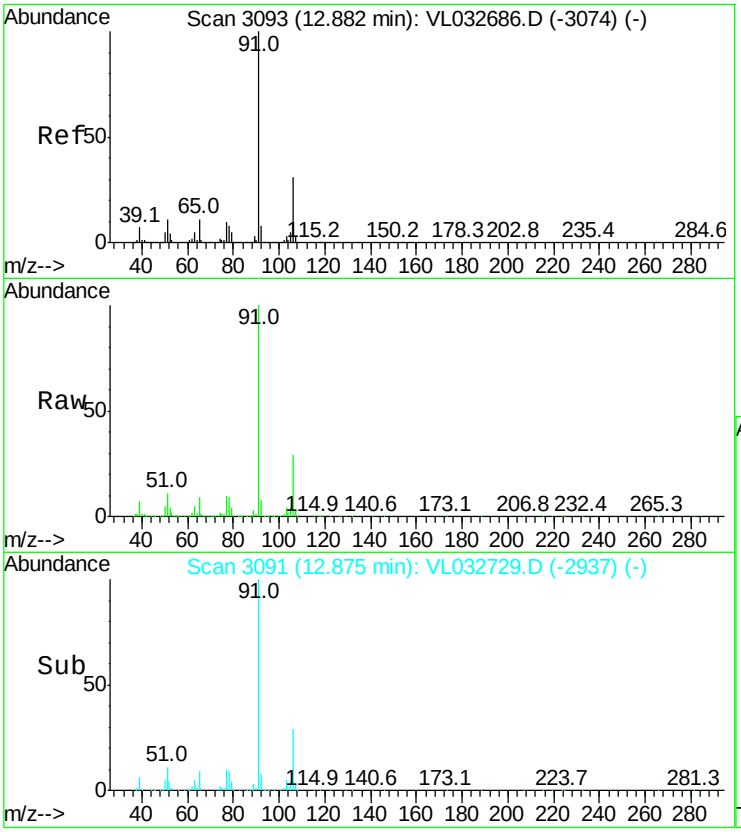


#56
1,1,1,2-Tetrachloroethane
Concen: 0.507 ppbv
RT: 11.85 min Scan# 2771
Delta R.T. -0.45 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:131 Resp: 80431

Ion	Ratio	Lower	Upper
131	100		
133	4660.0	75.4	113.2#
119	1547.6	49.1	73.7#



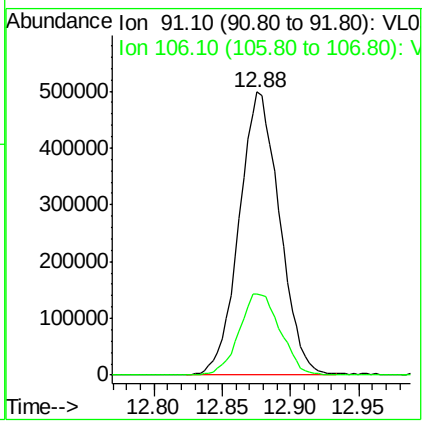


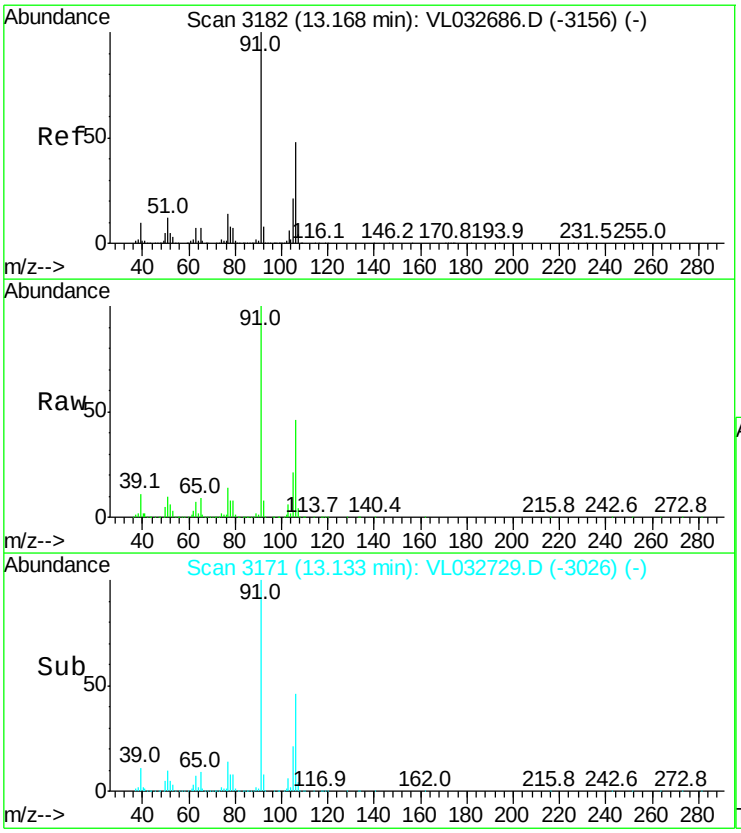
#58
Ethyl Benzene
Concen: 2.439 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 91 Resp: 1027230

Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.2	36.2

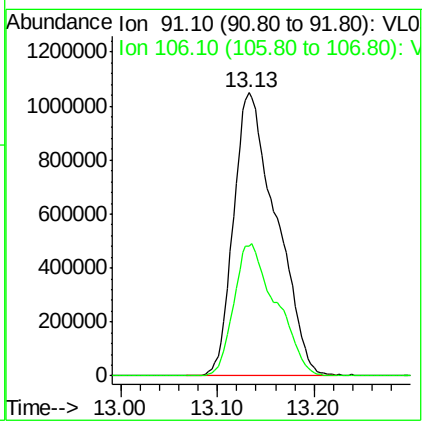


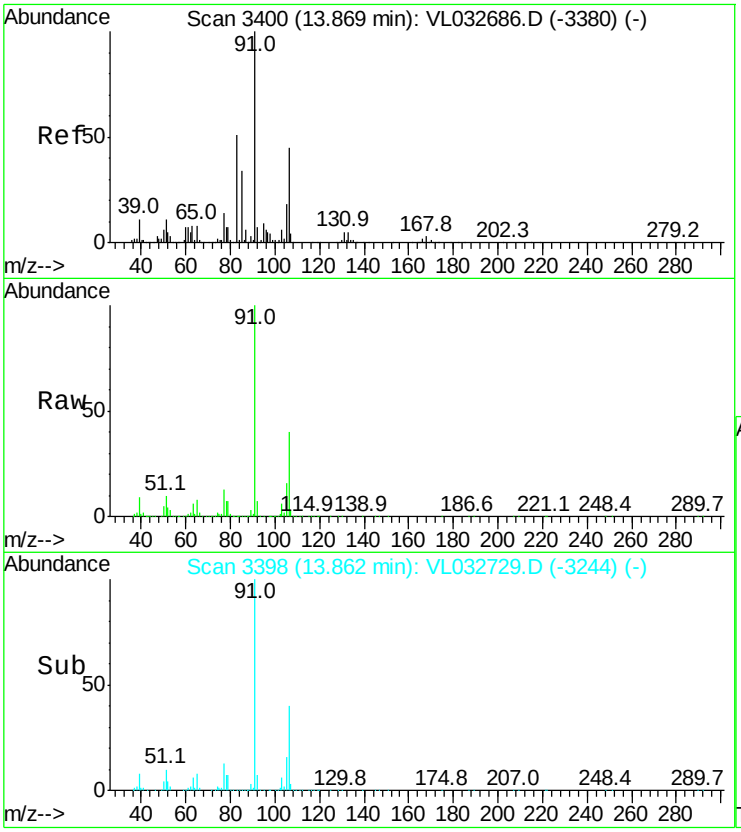


#59
m/p-Xylene
Concen: 8.546 ppbv
RT: 13.13 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 91 Resp: 3205461

Ion	Ratio	Lower	Upper
91	100		
106	46.6	35.9	53.9



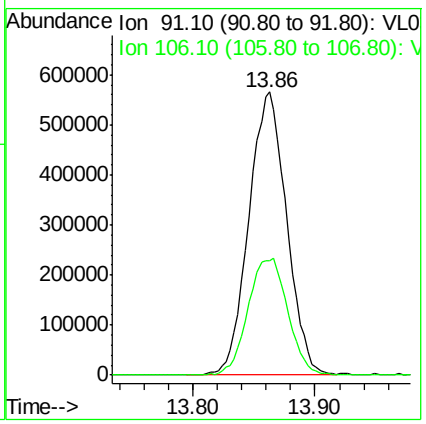


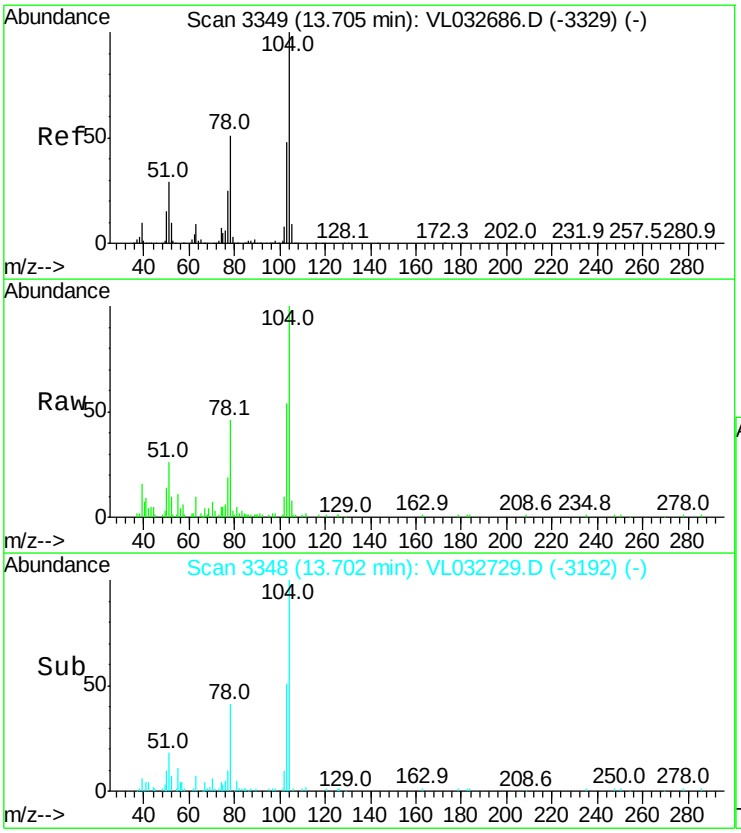
#60
o-Xylene
Concen: 3.343 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion: 91 Resp: 1209605

Ion	Ratio	Lower	Upper
91	100		
106	43.5	22.1	66.1

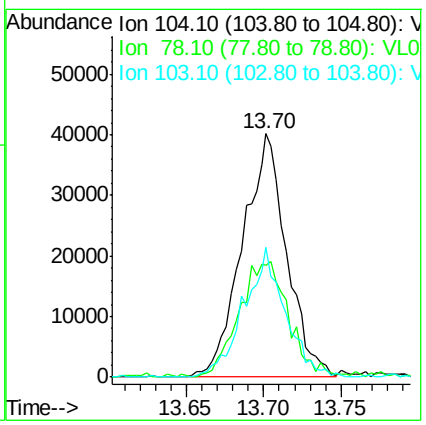


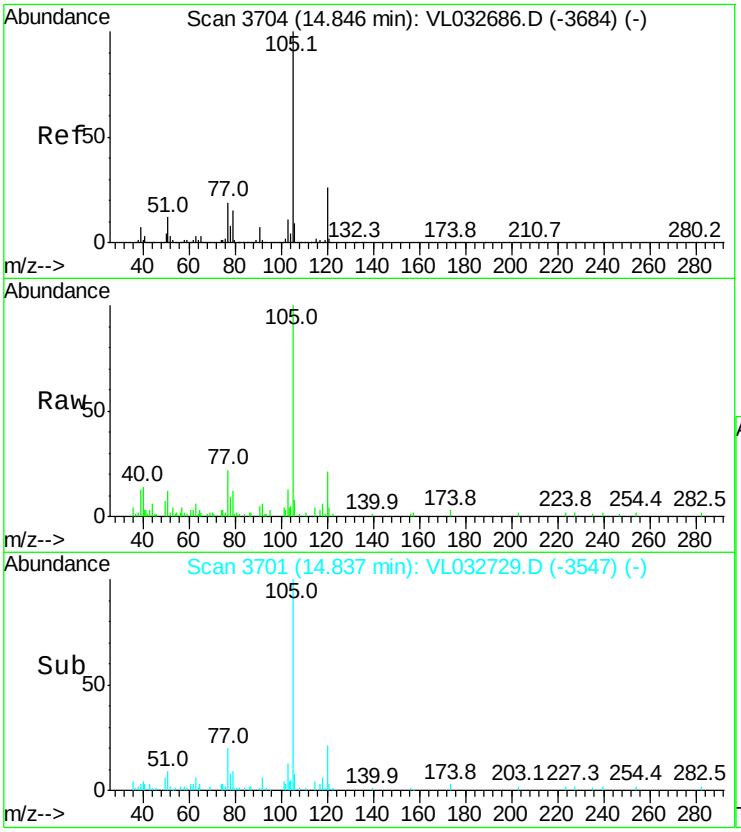


#61
Styrene
Concen: 0.329 ppbv
RT: 13.70 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:104 Resp: 79812

Ion	Ratio	Lower	Upper
104	100		
78	54.1	42.8	64.2
103	50.1	37.4	56.0



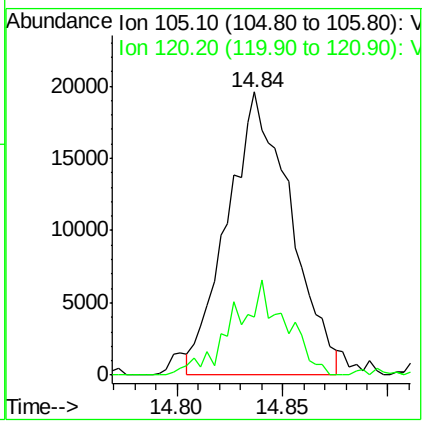


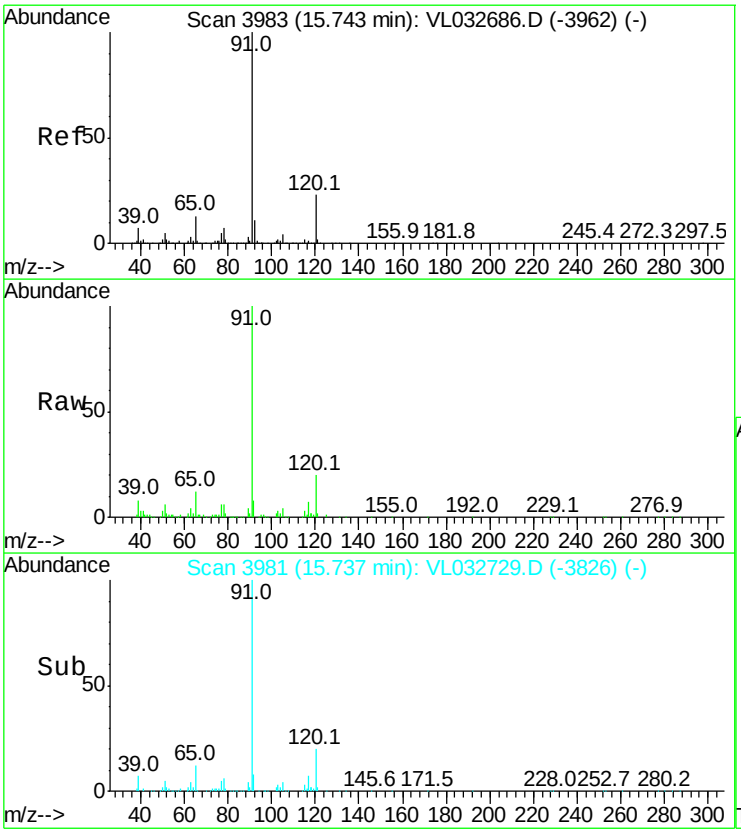
#62
Isopropylbenzene
Concen: 0.080 ppbv
RT: 14.84 min Scan# 3701
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion:105 Resp: 40847

Ion	Ratio	Lower	Upper
105	100		
120	28.2	20.5	30.7

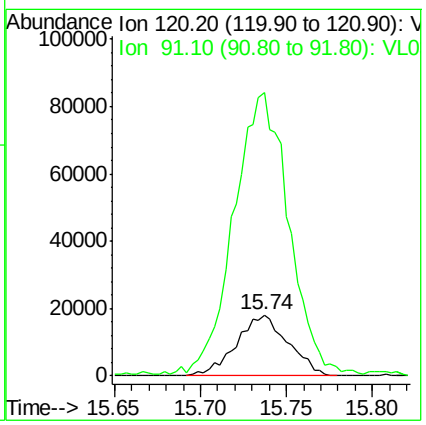


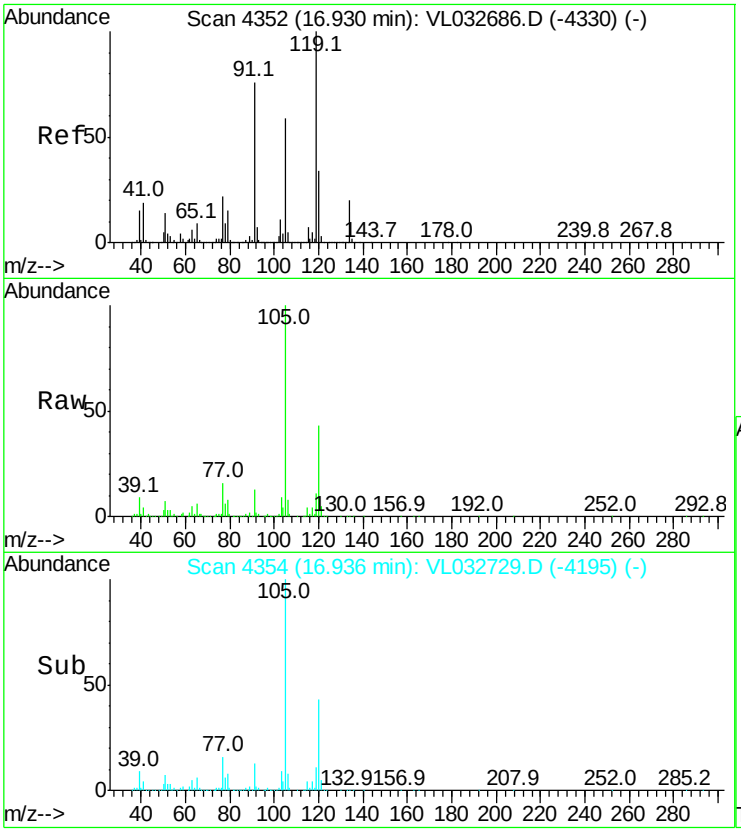


#64
n-propylbenzene
Concen: 0.295 ppbv
RT: 15.74 min Scan# 3981
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:120 Resp: 37563

Ion	Ratio	Lower	Upper
120	100		
91	499.4	390.2	585.2



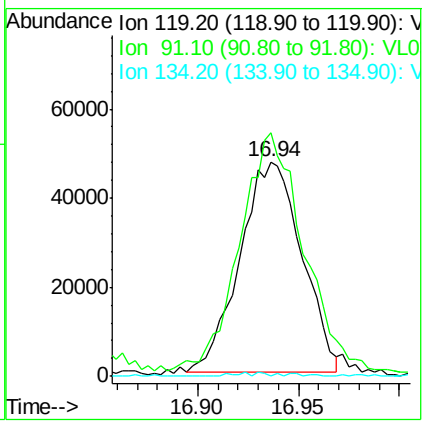


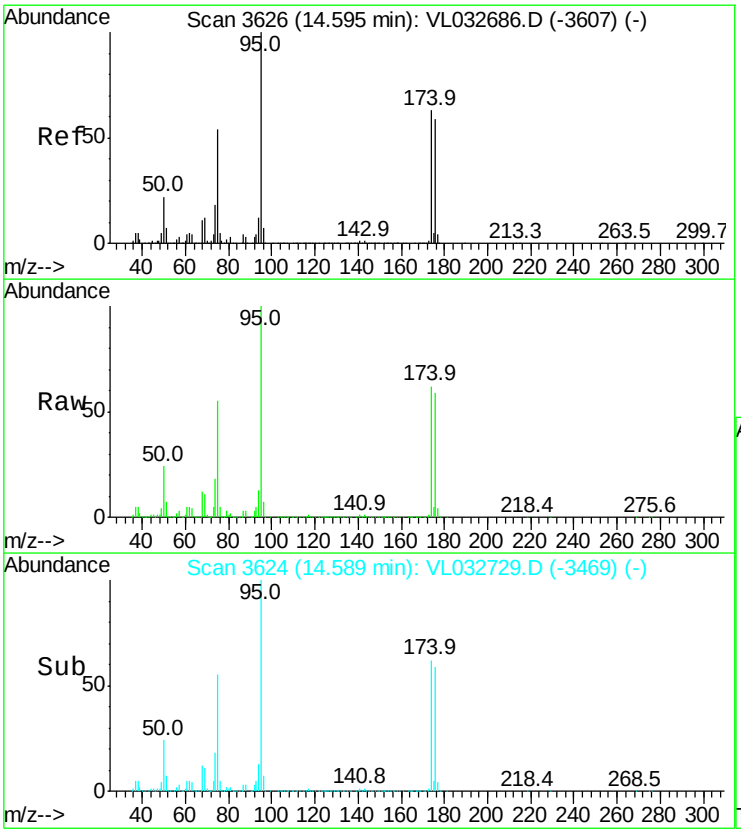
#65
tert-Butylbenzene
Concen: 0.231 ppbv
RT: 16.94 min Scan# 4354
Delta R.T. 0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion:119 Resp: 100900

Ion	Ratio	Lower	Upper
119	100		
91	121.2	67.8	101.8#
134	1.2	15.8	23.8#

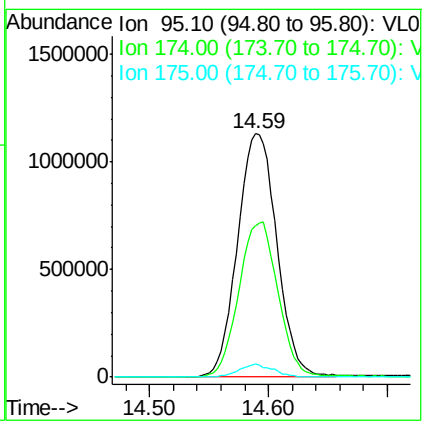


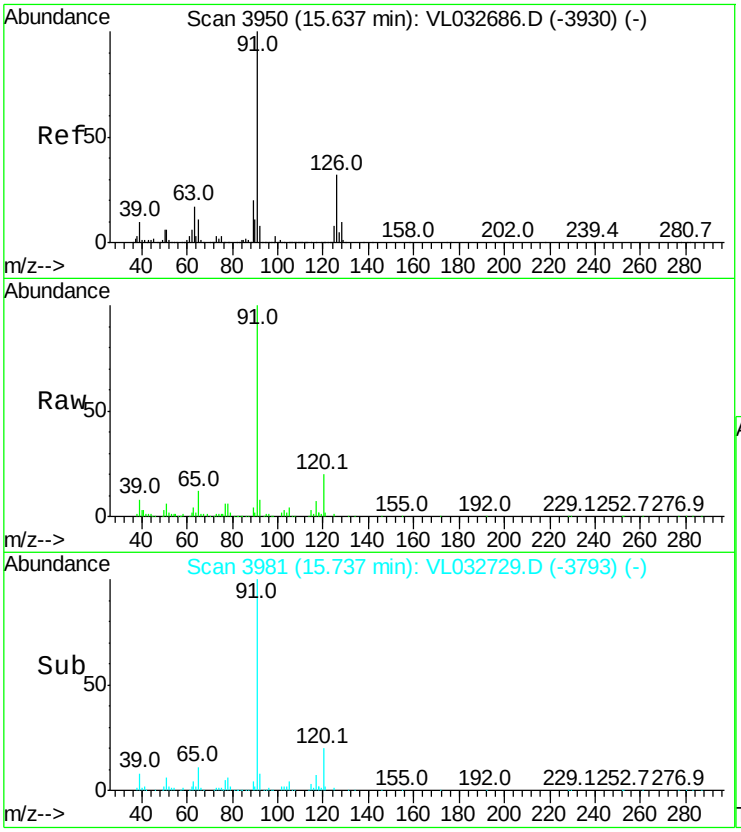


#68
1-Bromo-4-Fluorobenzene
Concen: 9.606 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion: 95 Resp: 2593177

Ion	Ratio	Lower	Upper
95	100		
174	63.7	46.0	69.0
175	4.8	3.4	5.0



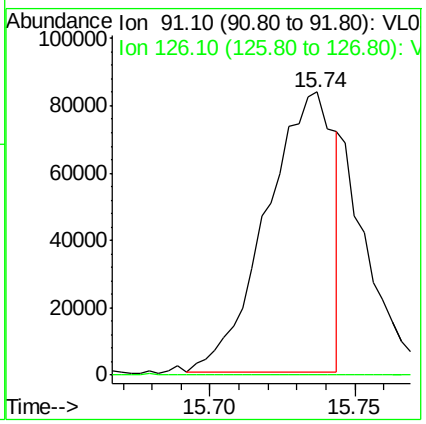


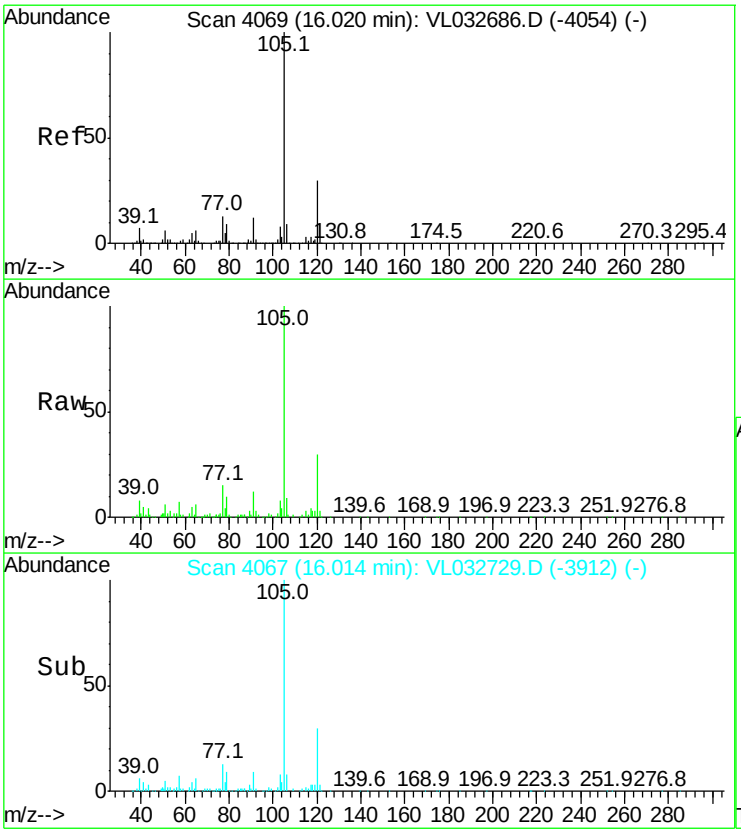
#71
2-Chlorotoluene
Concen: 0.369 ppbv
RT: 15.74 min Scan# 3981
Delta R.T. 0.10 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument : MSVOA_L
ClientSampleId : IA-01

Tgt Ion: 91 Resp: 134386

Ion	Ratio	Lower	Upper
91	100		
126	0.1	11.8	47.4#

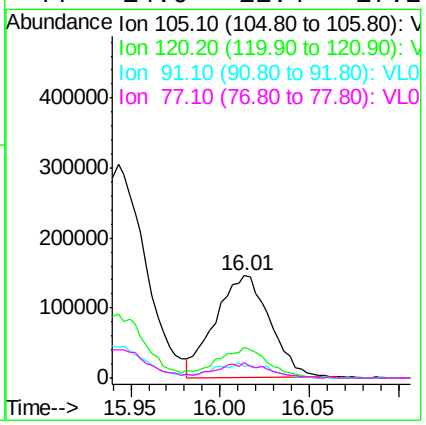


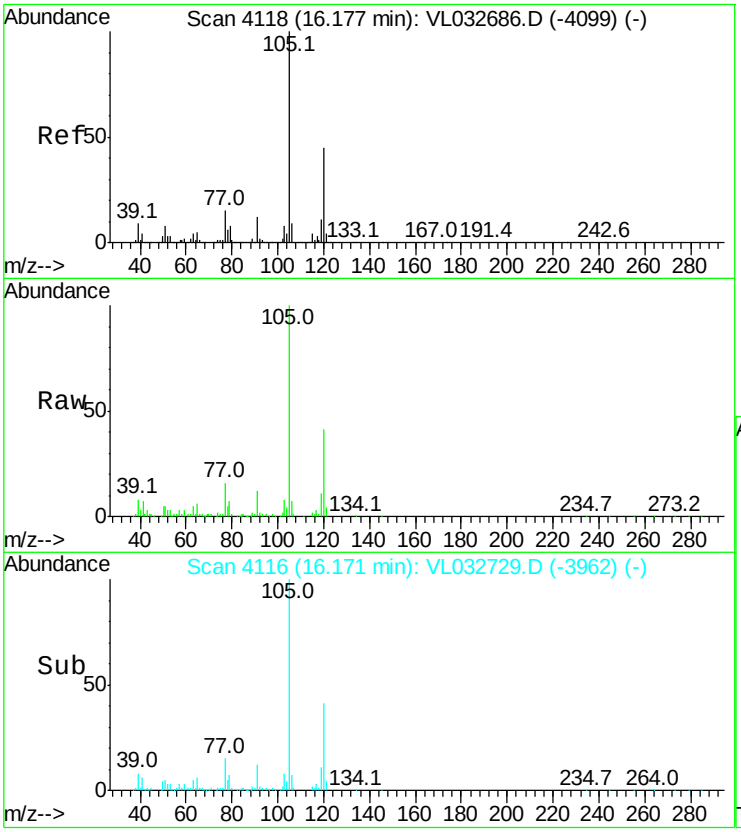


#72
4-Ethyltoluene
Concen: 0.803 ppbv
RT: 16.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:105 Resp: 309387

Ion	Ratio	Lower	Upper
105	100		
120	27.3	23.7	35.5
91	13.6	10.4	15.6
77	14.0	11.4	17.2



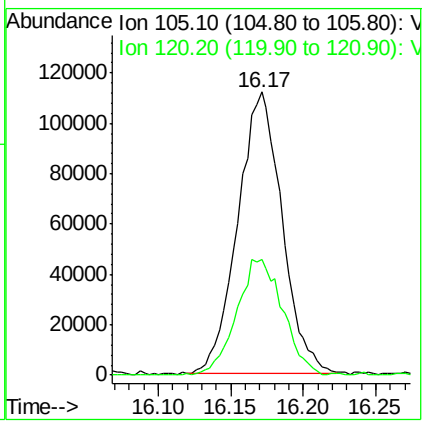


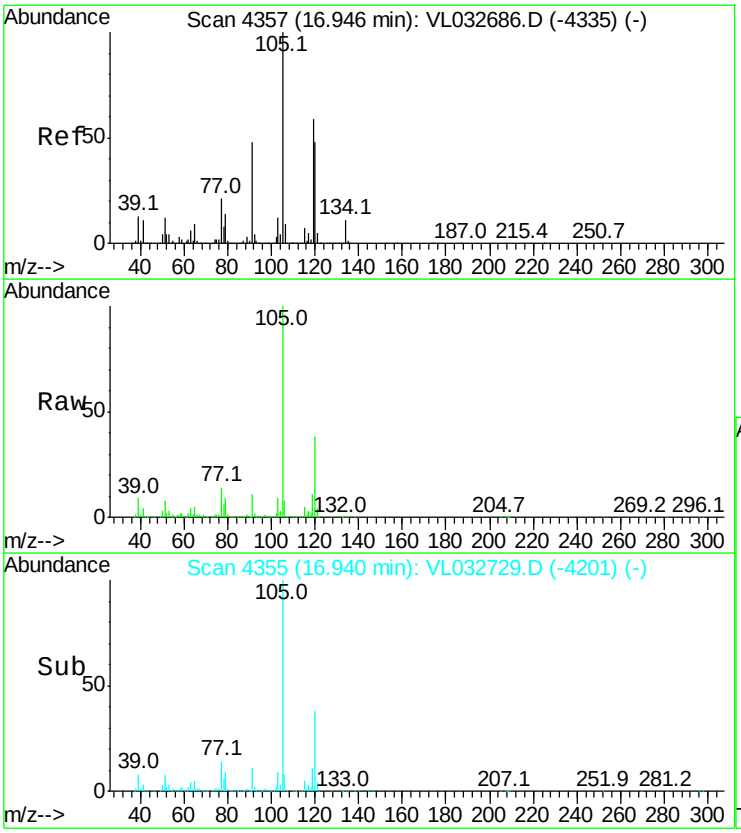
#73
1,3,5-Trimethylbenzene
Concen: 0.632 ppbv
RT: 16.17 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion:105 Resp: 237351

Ion	Ratio	Lower	Upper
105	100		
120	40.7	35.4	53.2

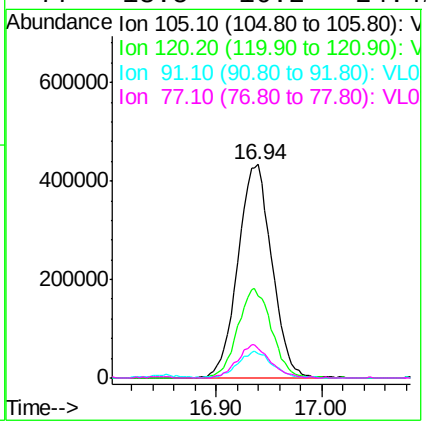


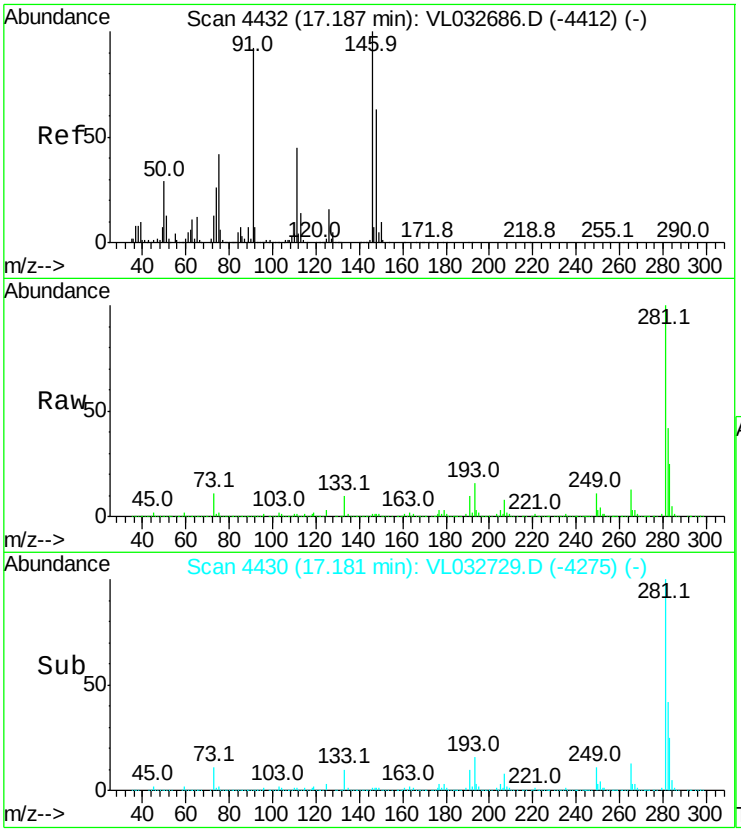


#74
1,2,4-Trimethylbenzene
Concen: 2.418 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:105 Resp: 969158

Ion	Ratio	Lower	Upper
105	100		
120	38.3	35.8	53.8
91	11.2	33.2	49.8#
77	13.5	16.2	24.4#



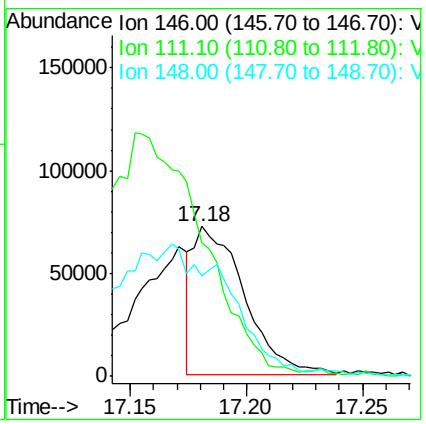


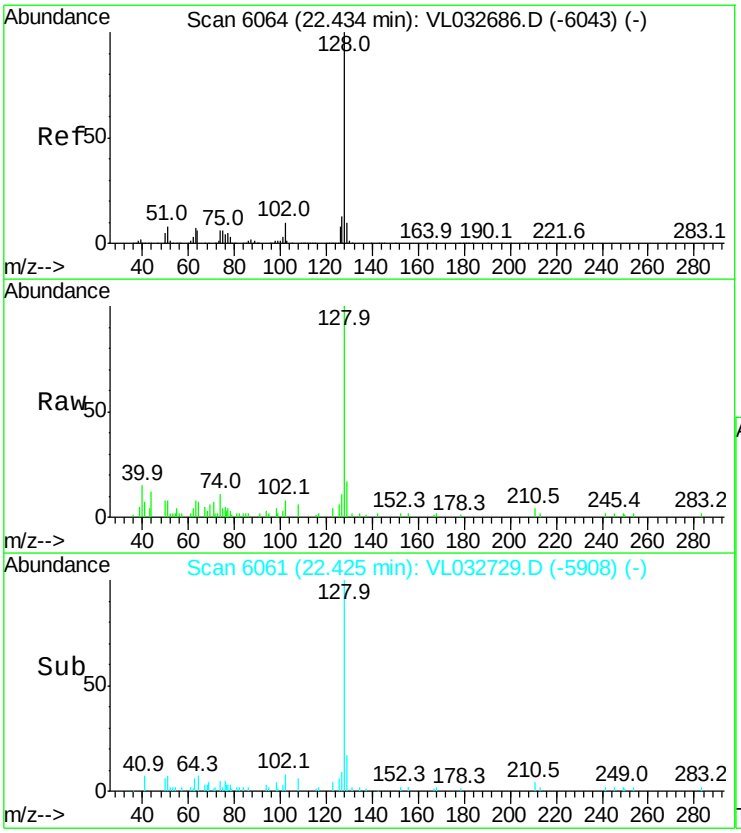
#75
1,3-Dichlorobenzene
Concen: 0.478 ppbv
RT: 17.18 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion:146 Resp: 110174

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.2#
148	0.0	31.9	95.9#

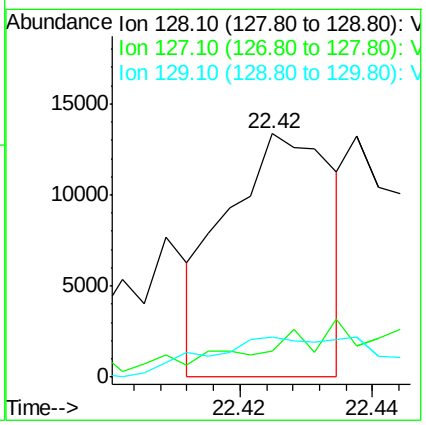


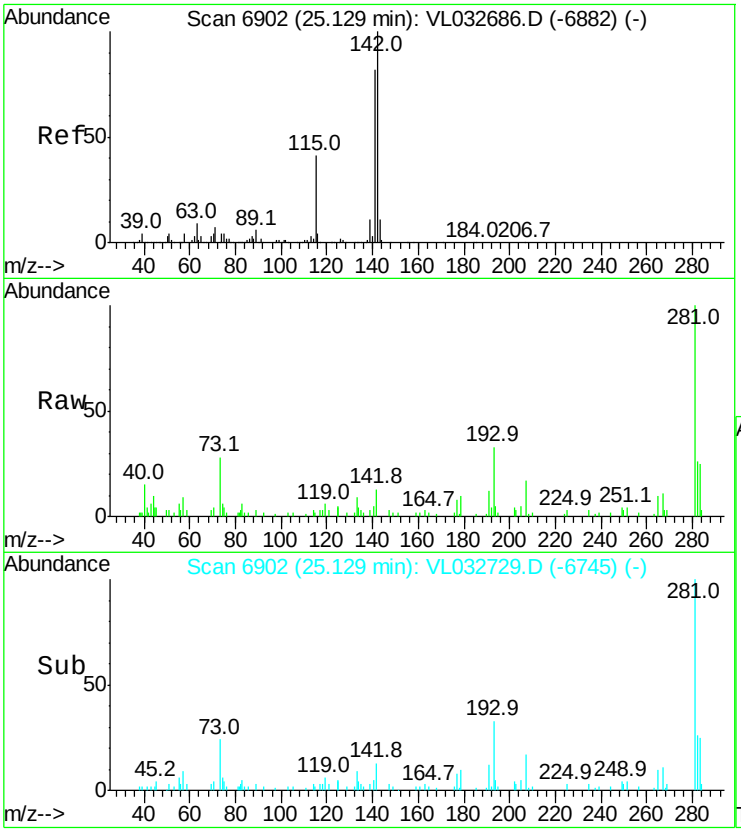


#79
Naphthalene
Concen: 0.059 ppbv
RT: 22.42 min Scan# 6061
Delta R.T. -0.01 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Tgt Ion:128 Resp: 14776

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	12.0	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.047 ppbv
RT: 25.13 min Scan# 6902
Delta R.T. 0.00 min
Lab File: VL032729.D
Acq: 7 Nov 2018 22:58

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tgt Ion:142 Resp: 2873

Ion	Ratio	Lower	Upper
142	100		
141	78.9	67.5	101.3
115	85.0	33.5	50.3#