Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032370.D
Acq On : 16 Aug 2018 3:54
Operator : SY/AP
Sample : J4457-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Quant Time: Aug 16 05:51:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.84	49	1720551	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.37	114	3677915	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.31	117	3533490	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.65	95	2655619	9.85	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.11	85	47503	Below Cal			100
3) Chlorodifluoromethane	3.05	51	124600	0.782	ppbv	#	81
4) Chloromethane	3.21	50	168104	1.772	ppbv		95
7) Chloroethane	3.65	64	1031	0.033	ppbv	#	65
9) Propene	3.07	41	6324763	92.722	ppbv		95
10) Heptane	8.31	43	364989	1.777	ppbv		100
11) Trichlorofluoromethane	4.05	101	44104	0.229	ppbv		86
13) Ethanol	3.97	45	273502	15.611	ppbv	#	36
15) Acetone	4.12	43	6681642	40.874	ppbv	#	1
16) 1,3-Butadiene	3.43	39	536729	7.953	ppbv	#	1
17) tert-Butyl alcohol	4.34	59	49855	1.818	ppbv	#	74
19) Isopropyl Alcohol	4.13	45	25511571	231.761	ppbv	#	1
20) Methylene Chloride	4.48	84	844874	13.685	ppbv		97
21) Allyl Chloride	4.48	41	80352	0.779	ppbv	#	23
22) trans-1,2-Dichloroethene	5.03	96	10021	0.165	ppbv		94
23) Vinyl Acetate	5.23	43	459953	1.629	ppbv	#	72
25) Ethyl Acetate	5.83	43	923500	2.636	ppbv	#	78
26) Hexane	5.84	57	1269541	8.129	ppbv	#	42
27) Carbon Disulfide	4.67	76	370059	2.539	ppbv	#	91
28) Methyl tert-Butyl Ether	5.27	73	550567	2.656	ppbv		91
29) Chloroform	5.94	83	7178	0.031	ppbv		90
31) cis-1,2-Dichloroethene	5.28	61	938286	6.141	ppbv	#	27
34) 2-Butanone	5.40	43	3081882	12.312	ppbv		100
35) Carbon Tetrachloride	7.21	117	10086	0.047	ppbv	#	69
36) Benzene	7.08	78	580237	1.861	ppbv		98
38) Trichloroethene	8.04	130	9552	0.087	ppbv	#	73
39) 1,2-Dichloropropane	7.37	63	926701	7.115	ppbv	#	26
41) Tetrahydrofuran	6.22	42	39833	0.296	ppbv	#	25
43) Methyl Methacrylate	8.21	69	12406	0.100	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.05	57	360456	0.641	ppbv	#	82
50) 4-Methyl-2-Pentanone	8.95	43	305813	0.846	ppbv		99
51) 2-Hexanone	10.37	43	34201	0.135	ppbv	#	28
52) Tetrachloroethene	11.45	164	2776	0.030	ppbv	#	50
53) Toluene	10.02	91	3544463	10.370	ppbv		100
57) Chlorobenzene	12.38	112	9164	0.034	ppbv	#	92
58) Ethyl Benzene	12.93	91	499116	1.174	ppbv		100
59) m/p-Xylene	13.19	91	1303315	3.609	ppbv		98
60) o-Xylene	13.92	91	461123	1.299	ppbv		97
61) Styrene	13.76	104	57731	0.233	ppbv		96
62) Isopropylbenzene	14.89	105	28971	0.057	ppbv	#	54
64) n-propylbenzene	15.79	120	14656	0.112	ppbv	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032370.D
Acq On : 16 Aug 2018 3:54
Operator : SY/AP
Sample : J4457-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Quant Time: Aug 16 05:51:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) tert-Butylbenzene	17.00	119	33722	0.078	ppbv	#	1
69) p-Isopropyltoluene	17.89	119	17888	0.036	ppbv	#	33
70) n-Butylbenzene	18.80	91	34621	0.064	ppbv	#	1
71) 2-Chlorotoluene	15.79	91	138597	0.354	ppbv	#	47
72) 4-Ethyltoluene	16.07	105	160922	0.406	ppbv		98
73) 1,3,5-Trimethylbenzene	16.22	105	233014	0.612	ppbv		94
74) 1,2,4-Trimethylbenzene	17.00	105	649739	1.604	ppbv	#	70
75) 1,3-Dichlorobenzene	17.24	146	531574	2.183	ppbv	#	70
76) 1,4-Dichlorobenzene	17.24	146	531574	2.305	ppbv	#	70
79) Naphthalene	22.49	128	128400	0.655	ppbv		99
80) Naphthalene,2-methyl-	25.16	142	14482	0.179	ppbv	#	89

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

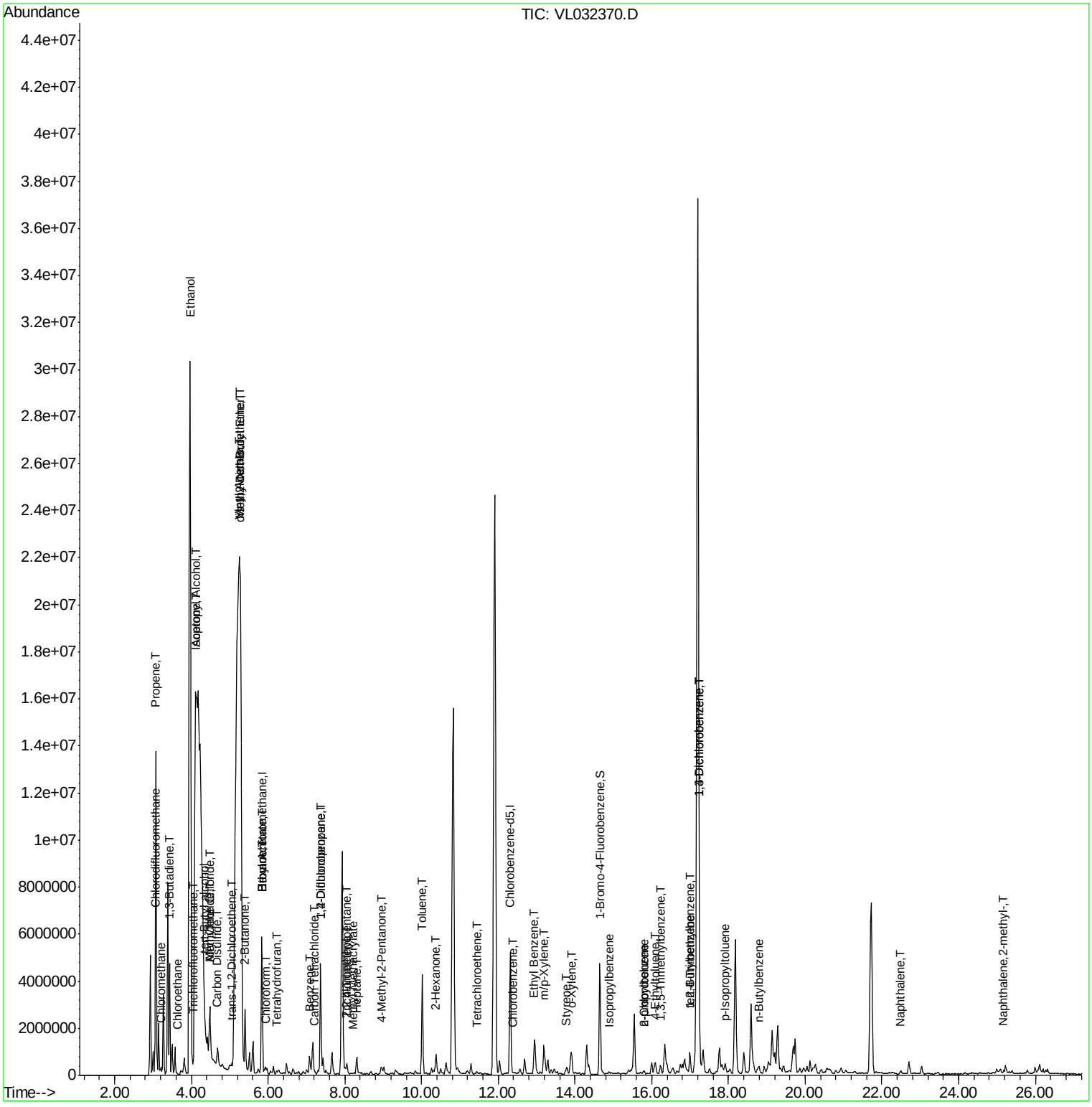
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

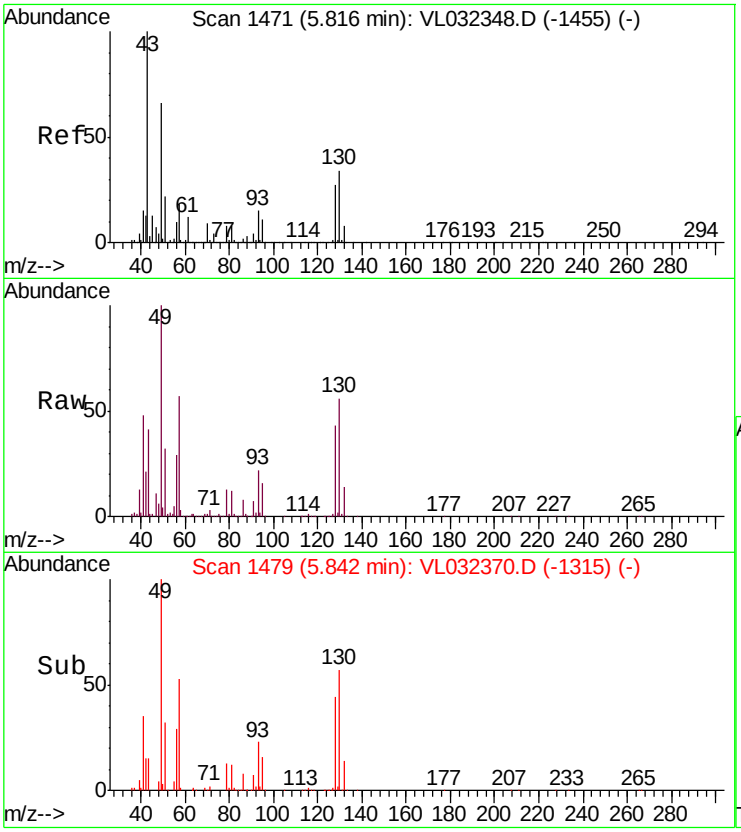
Quantitation Report (Not Reviewed)

Data File : VL032370.D
Acq On : 16 Aug 2018 3:54
Operator : SY/AP
Sample : J4457-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Quant Time: Aug 16 05:51:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration



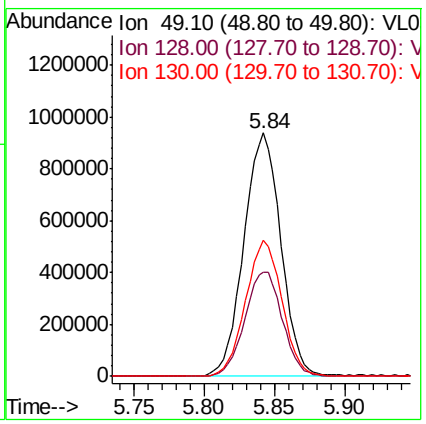


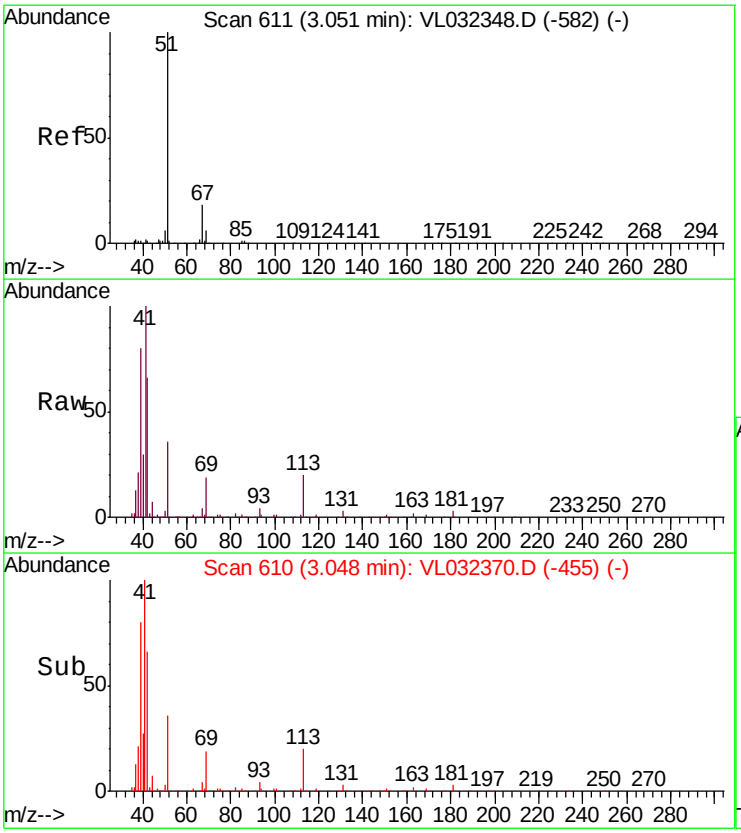
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1479
Delta R.T. 0.03 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 49 Resp: 1720551

Ion	Ratio	Lower	Upper
49	100		
128	43.9	20.5	61.6
130	55.3	26.2	78.5

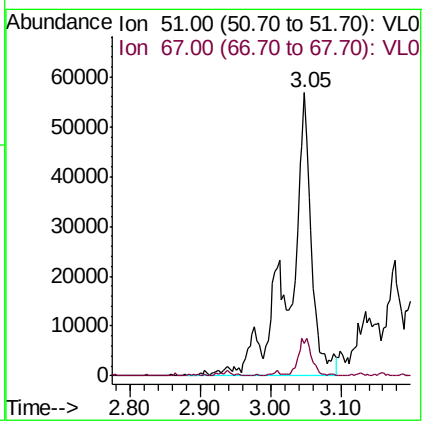


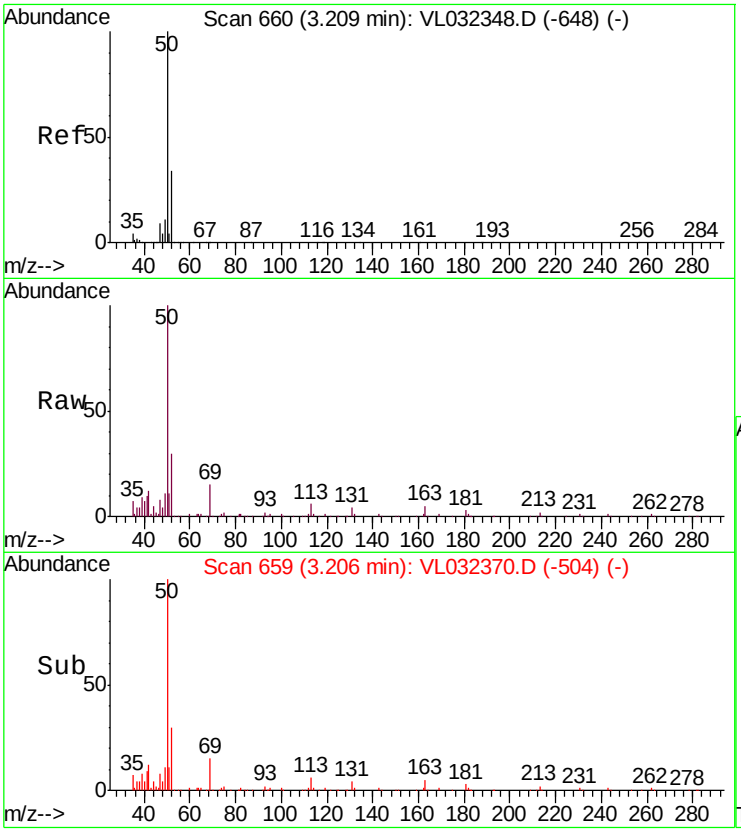


#3
Chlorodifluoromethane
Concen: 0.782 ppbv
RT: 3.05 min Scan# 610
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 51 Resp: 124600

Ion	Ratio	Lower	Upper
51	100		
67	8.9	13.7	20.5#



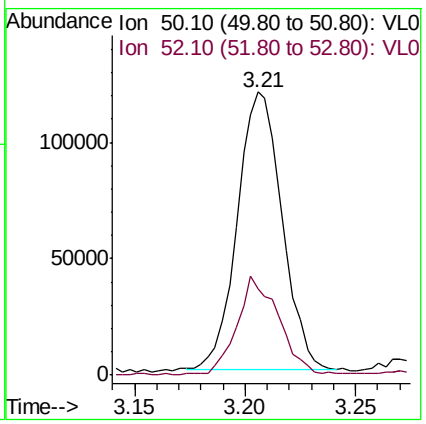


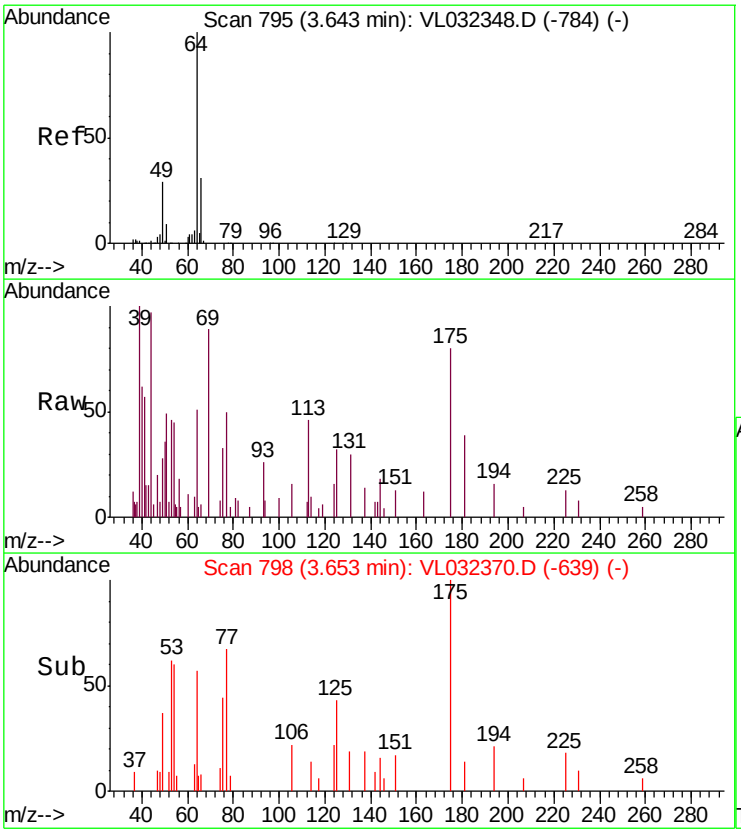
#4
Chloromethane
Concen: 1.772 ppbv
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 50 Resp: 168104

Ion	Ratio	Lower	Upper
50	100		
52	30.5	26.8	40.2

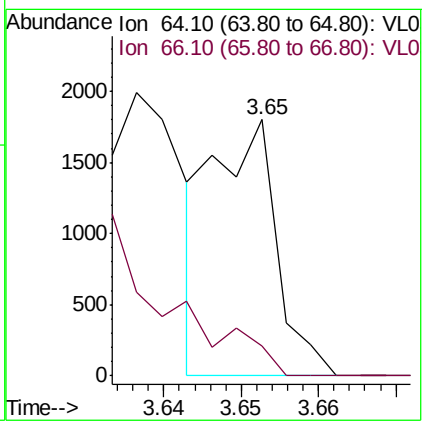


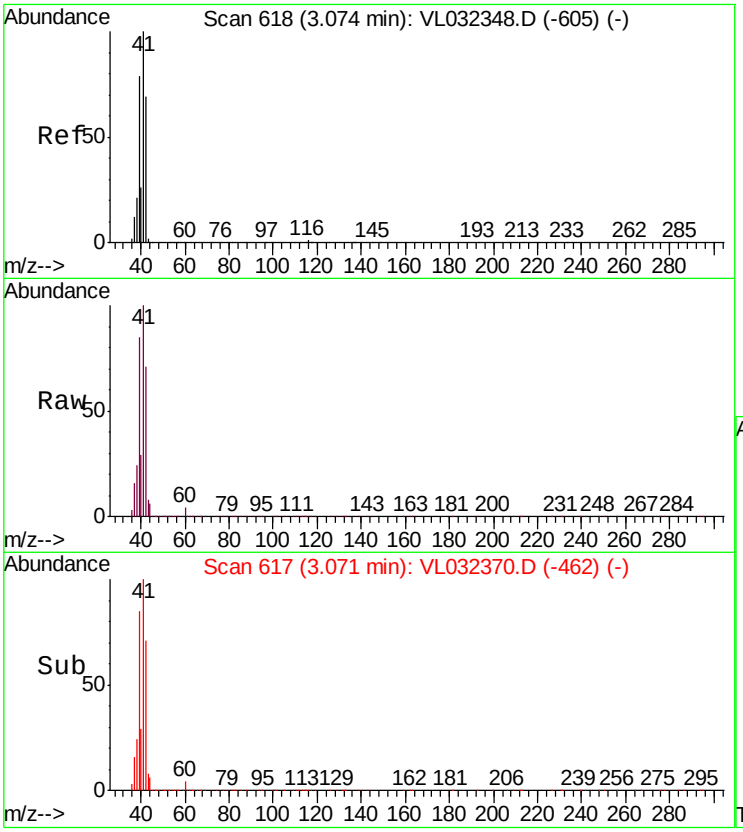


#7
Chloroethane
Concen: 0.033 ppbv
RT: 3.65 min Scan# 798
Delta R.T. 0.01 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 64 Resp: 1031

Ion	Ratio	Lower	Upper
64	100		
66	11.7	24.6	36.8#



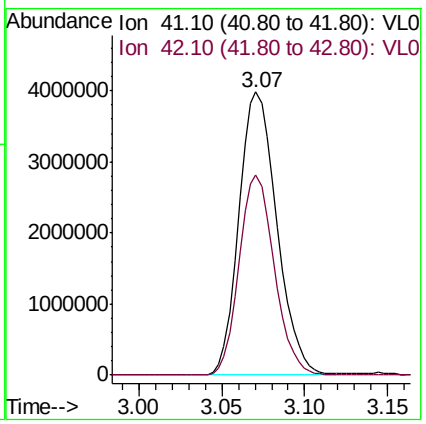


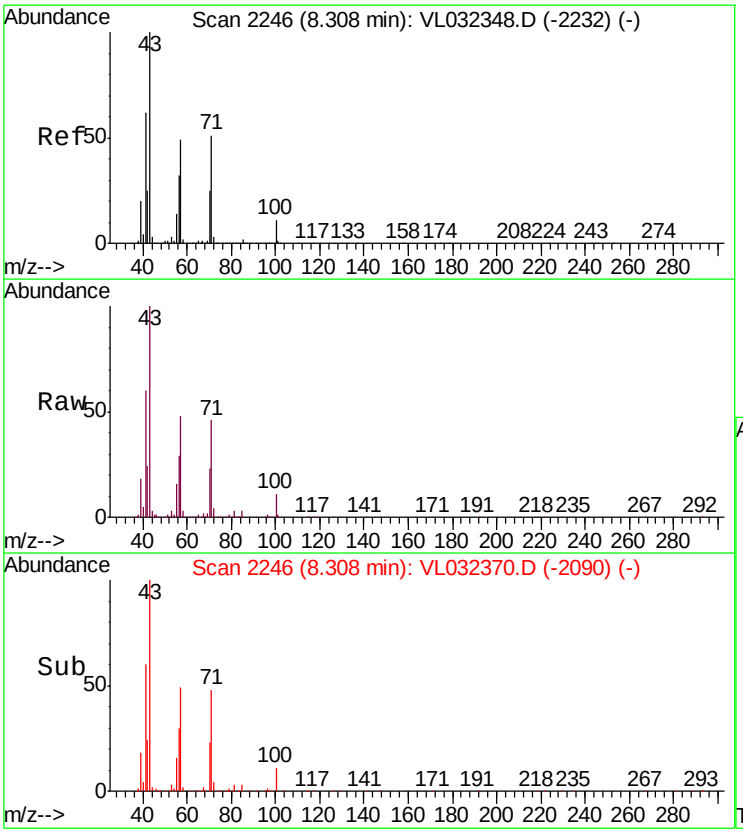
#9
Propene
Concen: 92.722 ppbv
RT: 3.07 min Scan# 617
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 41 Resp: 6324763

Ion	Ratio	Lower	Upper
41	100		
42	66.1	55.9	83.9

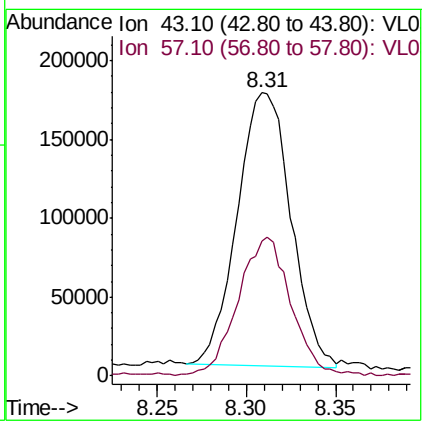


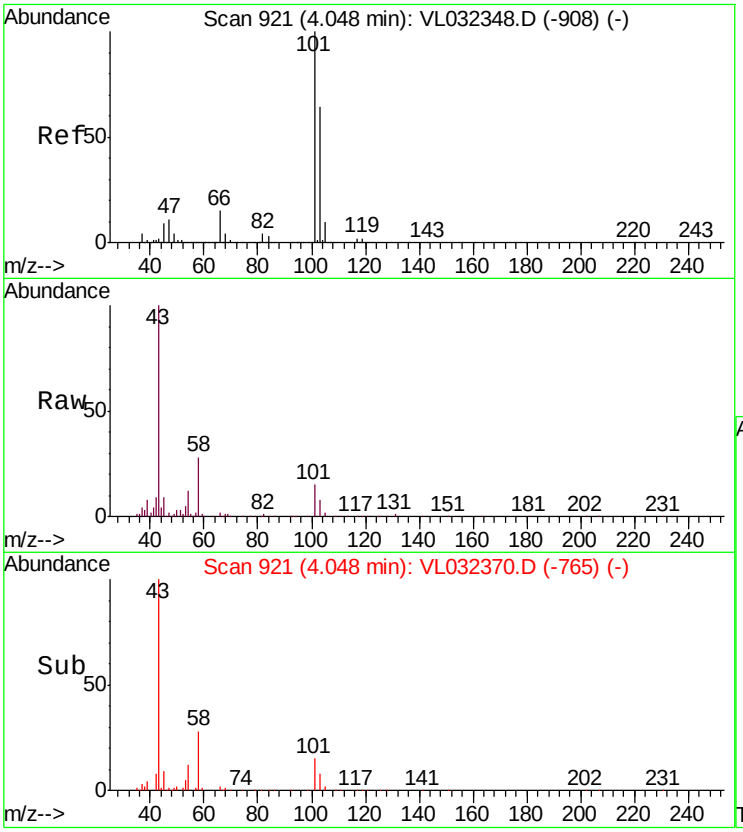


#10
Heptane
Concen: 1.777 ppbv
RT: 8.31 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 43 Resp: 364989

Ion	Ratio	Lower	Upper
43	100		
57	49.6	39.5	59.3



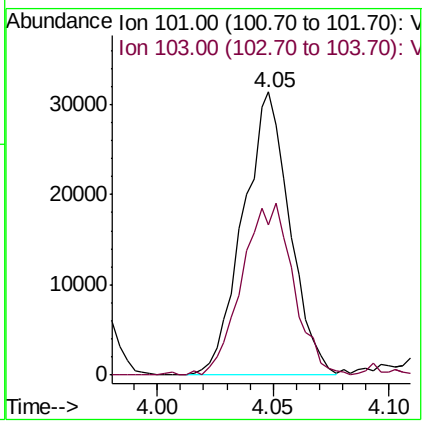


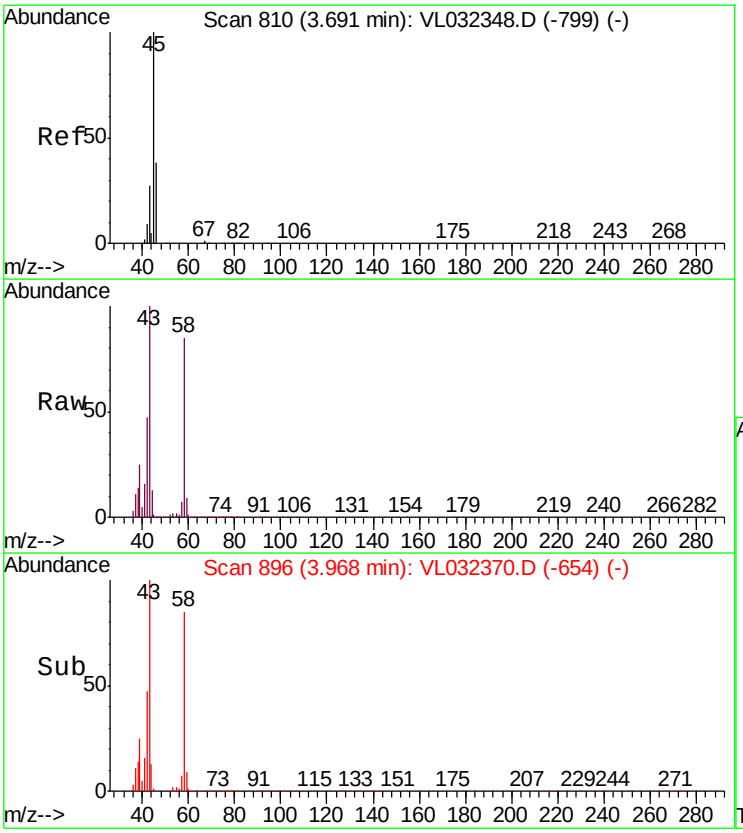
#11
Trichlorofluoromethane
Concen: 0.229 ppbv
RT: 4.05 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:101 Resp: 44104

Ion	Ratio	Lower	Upper
101	100		
103	53.1	51.4	77.0

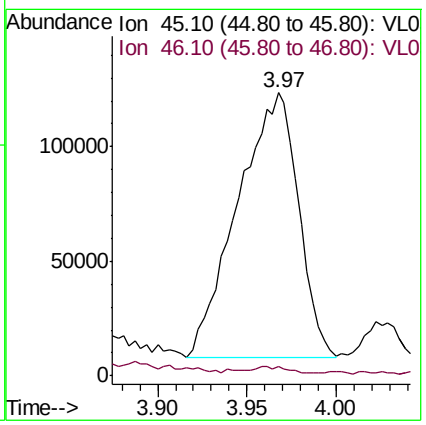


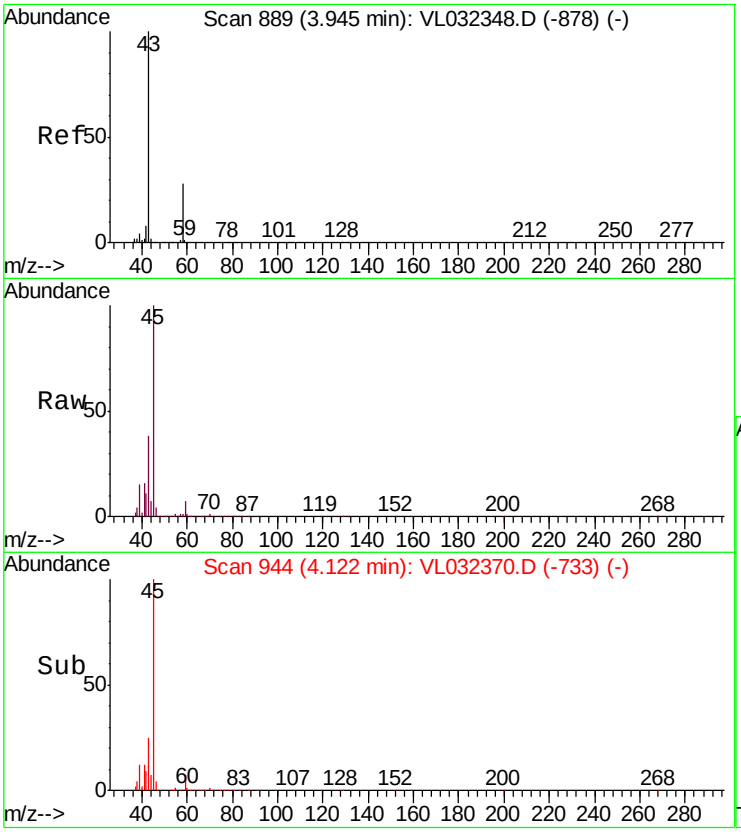


#13
Ethanol
Concen: 15.611 ppbv
RT: 3.97 min Scan# 896
Delta R.T. 0.28 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 45 Resp: 273502

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.6	62.4#



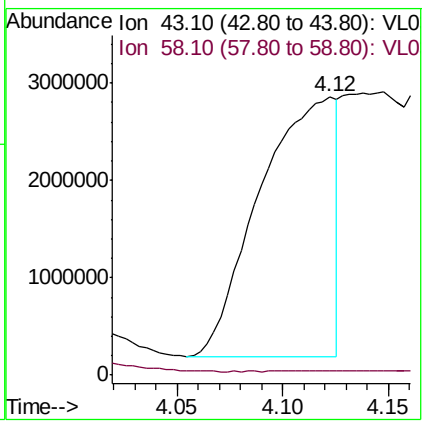


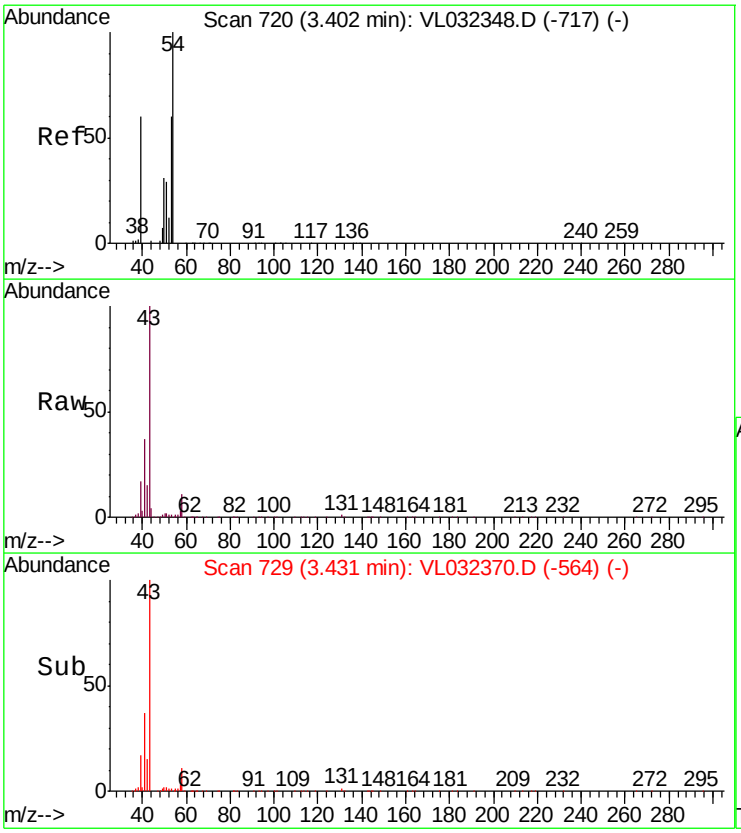
#15
Acetone
Concen: 40.874 ppbv
RT: 4.12 min Scan# 944
Delta R.T. 0.18 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 43 Resp: 6681642

Ion	Ratio	Lower	Upper
43	100		
58	347.4	22.4	33.6#

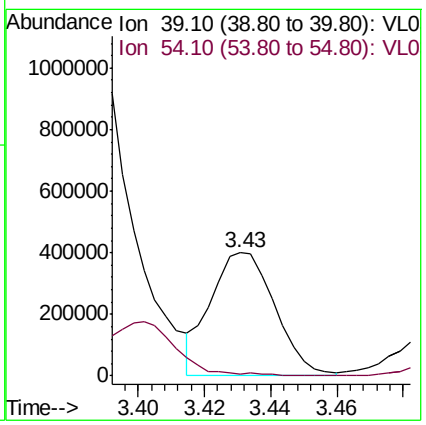


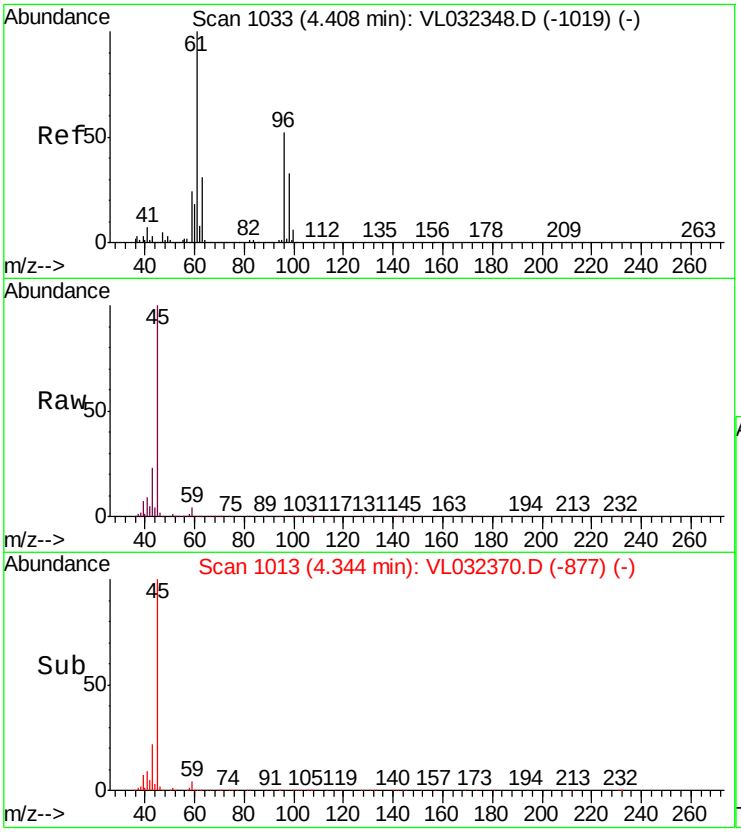


#16
1,3-Butadiene
Concen: 7.953 ppbv
RT: 3.43 min Scan# 729
Delta R.T. 0.03 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 39 Resp: 536729

Ion	Ratio	Lower	Upper
39	100		
54	0.0	85.5	128.3#



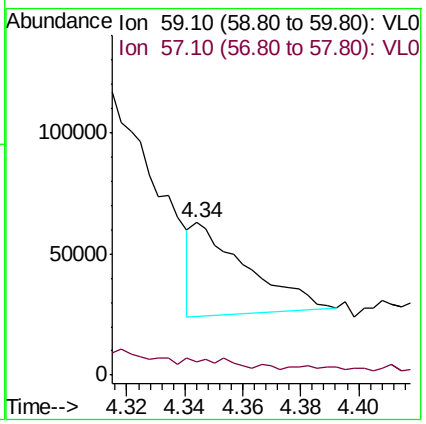


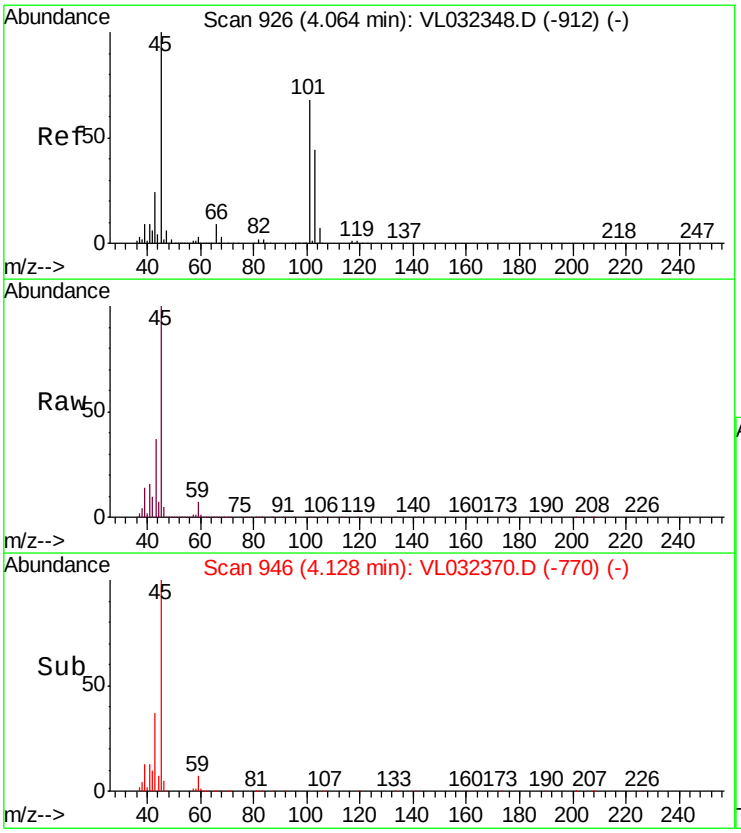
#17
tert-Butyl alcohol
Concen: 1.818 ppbv
RT: 4.34 min Scan# 1013
Delta R.T. -0.06 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 59 Resp: 49855

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#

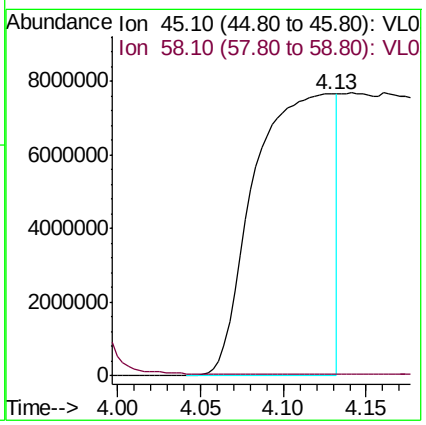


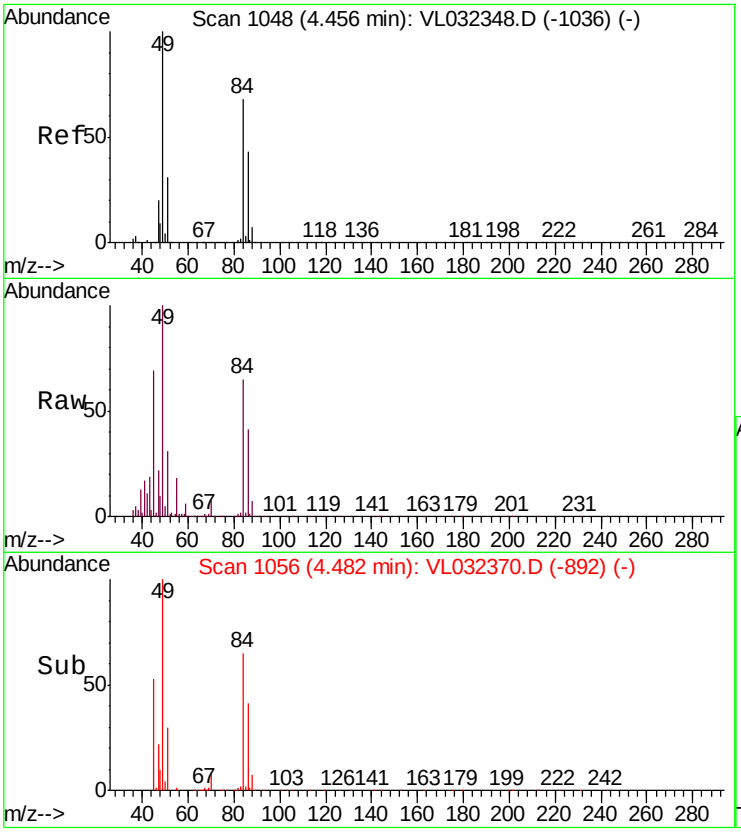


#19
Isopropyl Alcohol
Concen: 231.761 ppbv
RT: 4.13 min Scan# 946
Delta R.T. 0.06 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 45 Resp:25511571

Ion	Ratio	Lower	Upper
45	100		
58	91.1	1.4	2.0#



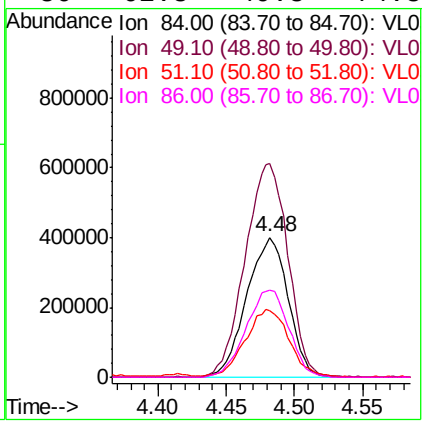


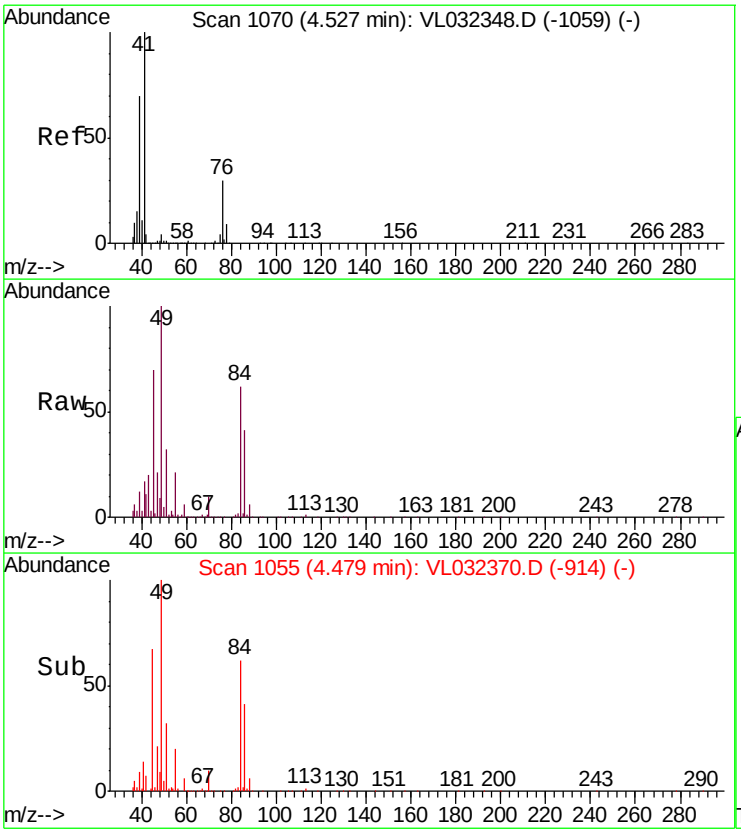
#20
Methylene Chloride
Concen: 13.685 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. 0.03 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Tgt Ion: 84 Resp: 844874

Ion	Ratio	Lower	Upper
84	100		
49	152.9	117.3	175.9
51	46.7	36.6	55.0
86	62.8	49.8	74.8

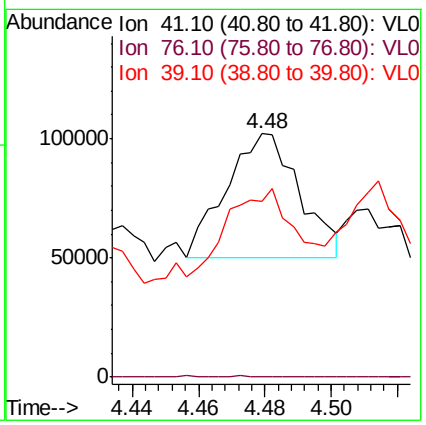


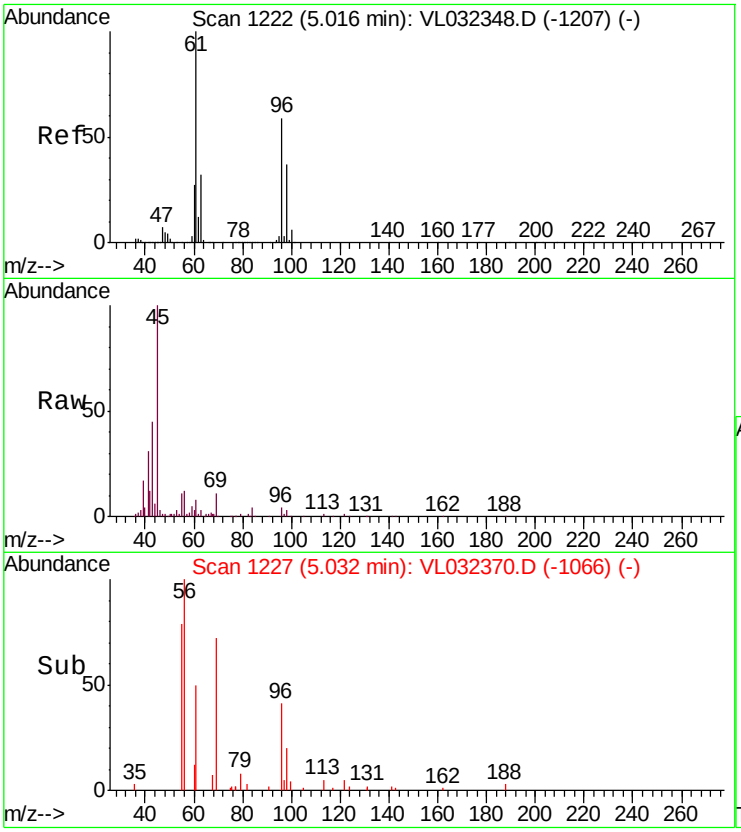


#21
Allyl Chloride
Concen: 0.779 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.05 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 41 Resp: 80352

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	0.0	57.6	86.4#



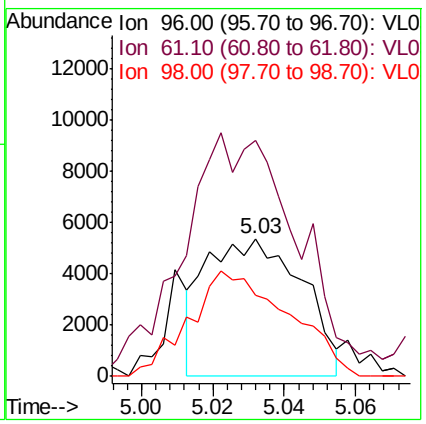


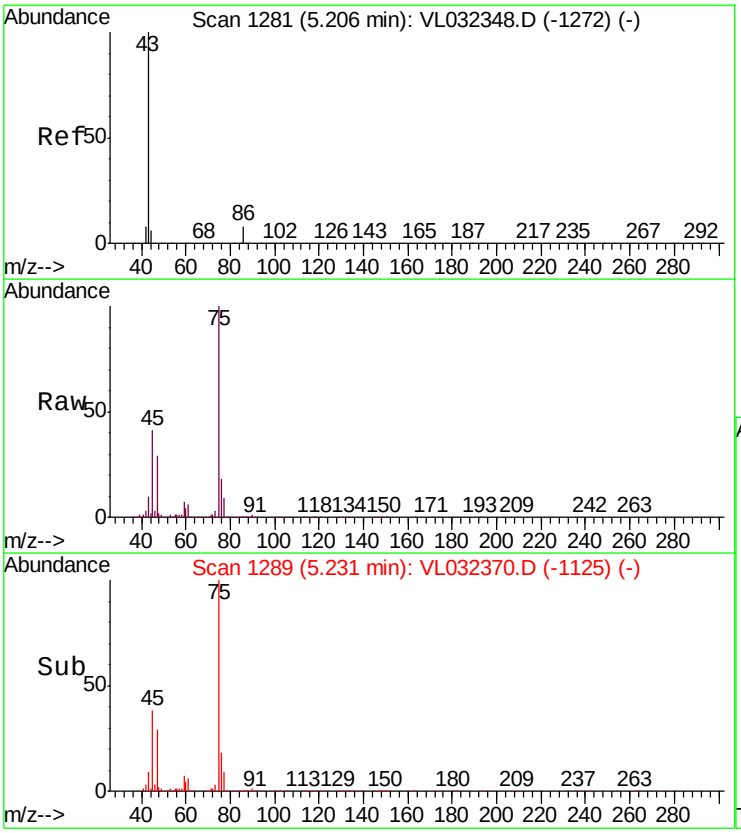
#22
trans-1,2-Dichloroethene
Concen: 0.165 ppbv
RT: 5.03 min Scan# 1227
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 96 Resp: 10021

Ion	Ratio	Lower	Upper
96	100		
61	178.1	136.6	205.0
98	56.6	50.6	76.0

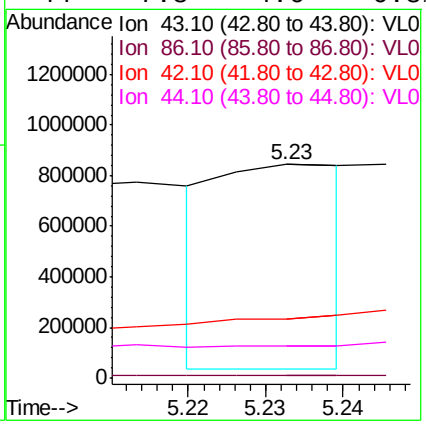


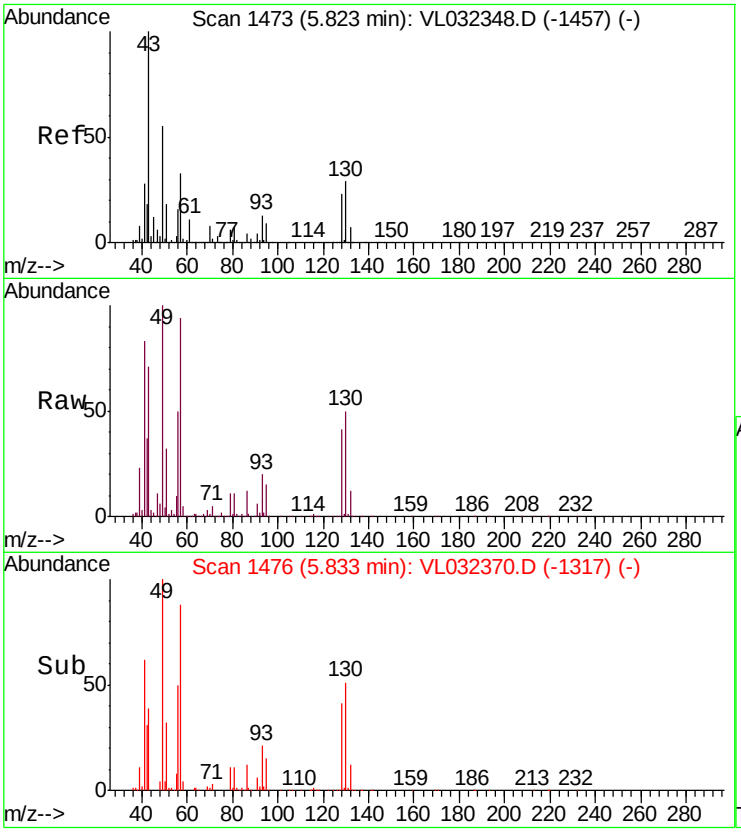


#23
Vinyl Acetate
Concen: 1.629 ppbv
RT: 5.23 min Scan# 1289
Delta R.T. 0.03 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 43 Resp: 459953

Ion	Ratio	Lower	Upper
43	100		
86	0.1	5.5	8.3#
42	26.6	7.0	10.6#
44	7.8	4.6	6.8#



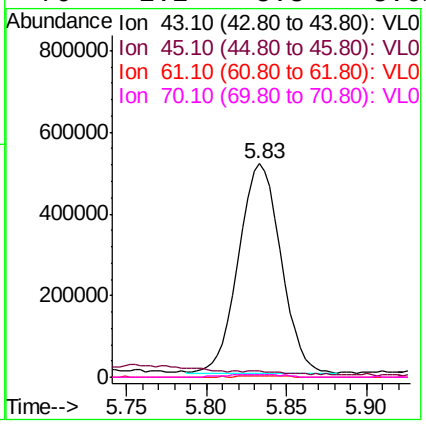


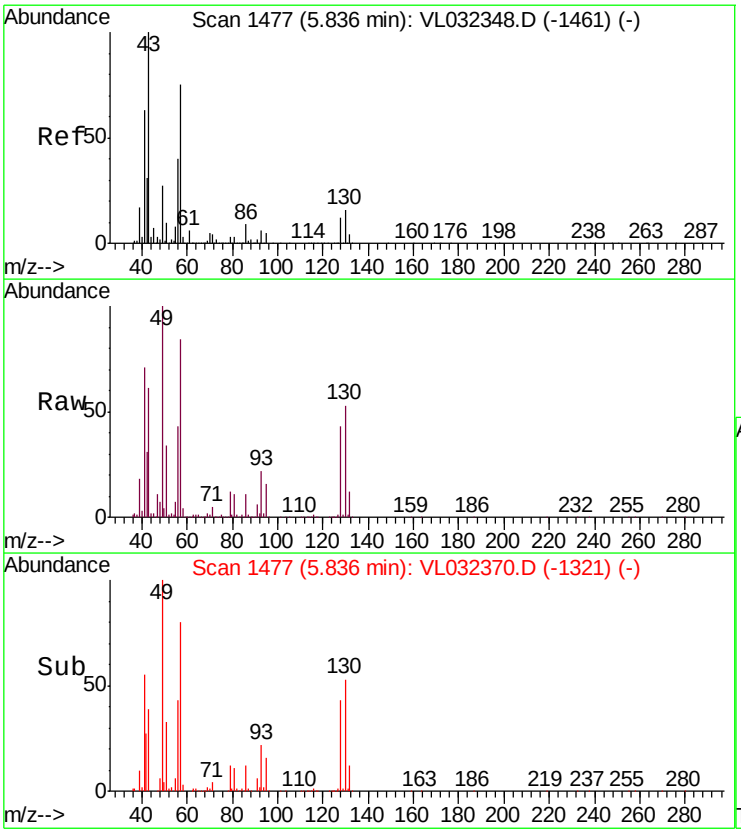
#25
Ethyl Acetate
Concen: 2.636 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 43 Resp: 923500

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.9	11.9#
61	0.7	7.4	11.2#
70	2.2	5.8	8.6#

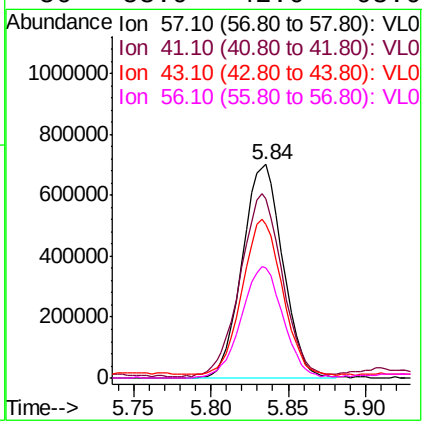


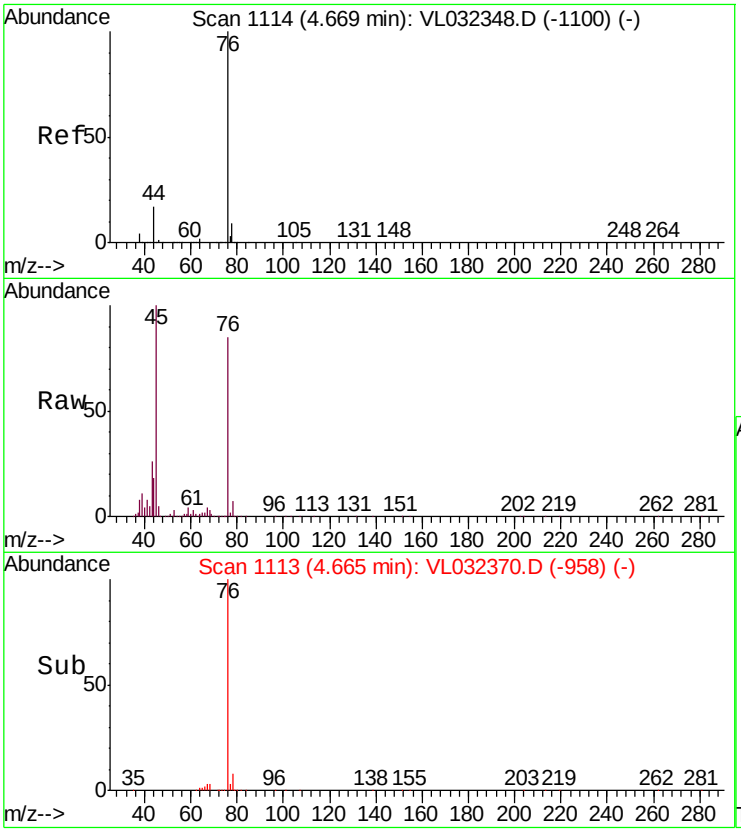


#26
Hexane
Concen: 8.129 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 57 Resp: 1269541

Ion	Ratio	Lower	Upper
57	100		
41	90.8	68.0	102.0
43	72.9	175.3	262.9#
56	53.9	42.0	63.0



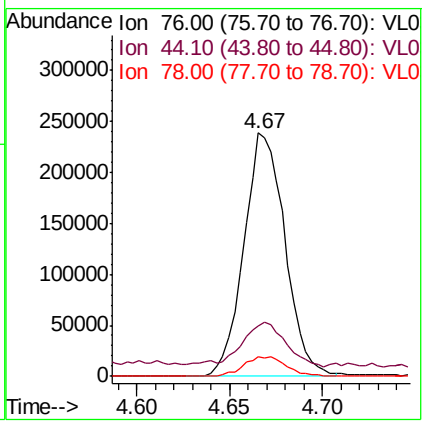


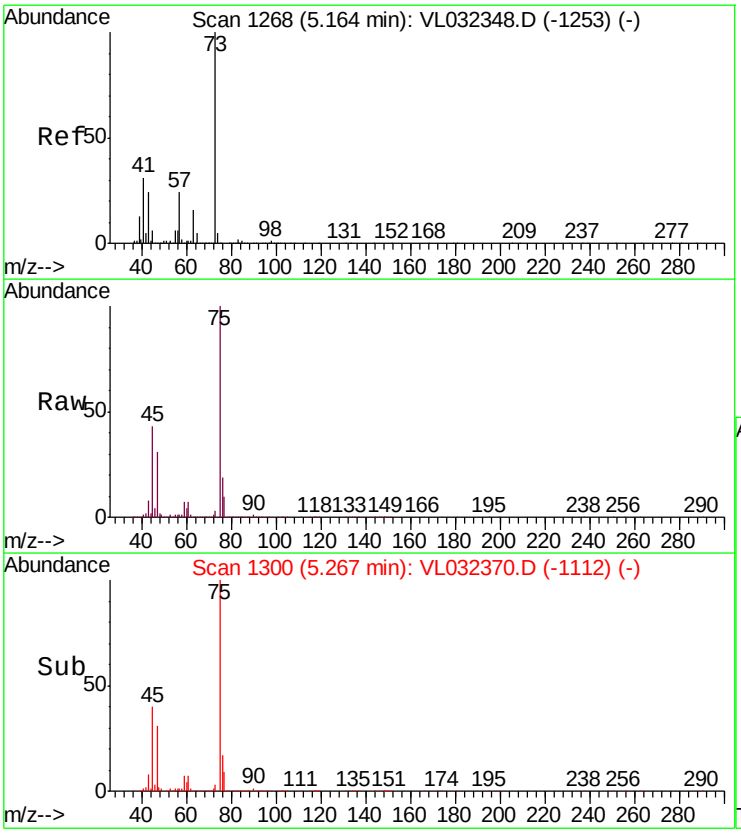
#27
Carbon Disulfide
Concen: 2.539 ppbv
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Tgt Ion: 76 Resp: 370059

Ion	Ratio	Lower	Upper
76	100		
44	23.8	14.4	21.6#
78	8.7	7.4	11.0

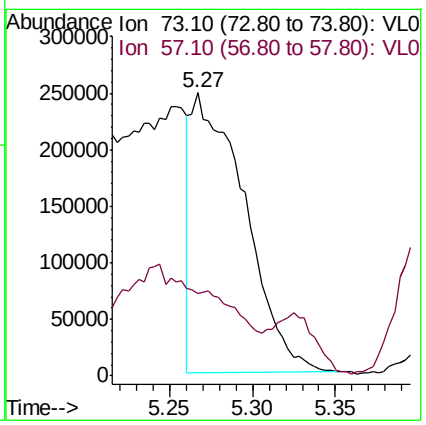


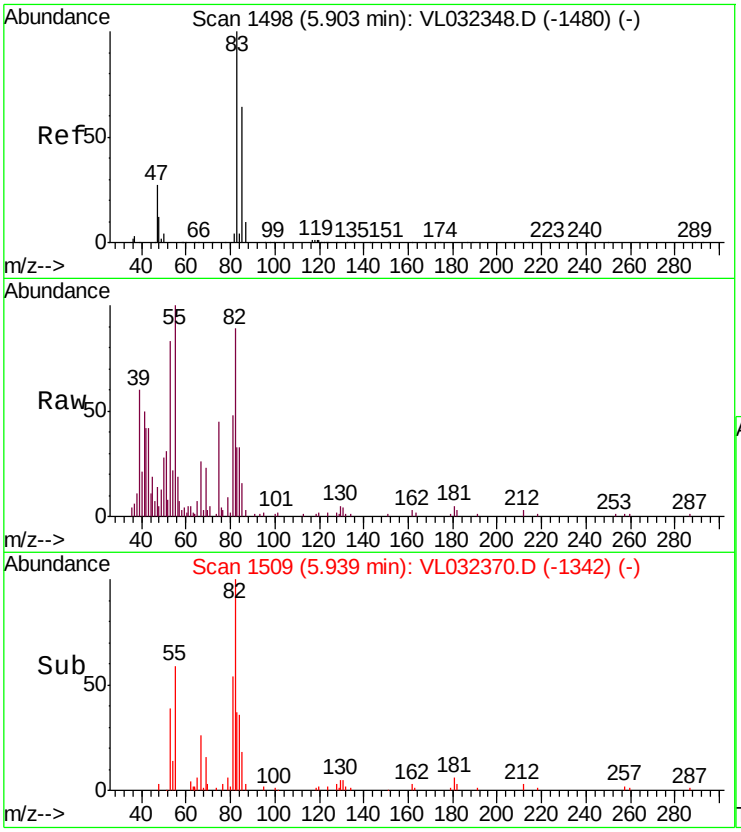


#28
Methyl tert-Butyl Ether
Concen: 2.656 ppbv
RT: 5.27 min Scan# 1300
Delta R.T. 0.10 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 73 Resp: 550567

Ion	Ratio	Lower	Upper
73	100		
57	19.7	19.3	28.9



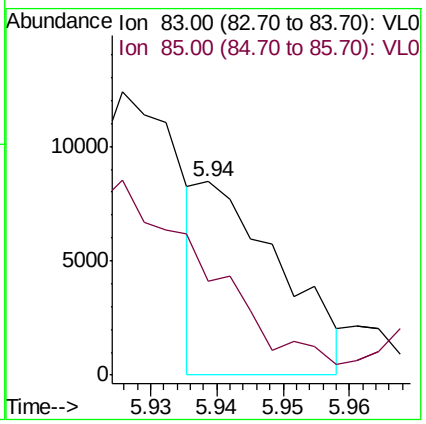


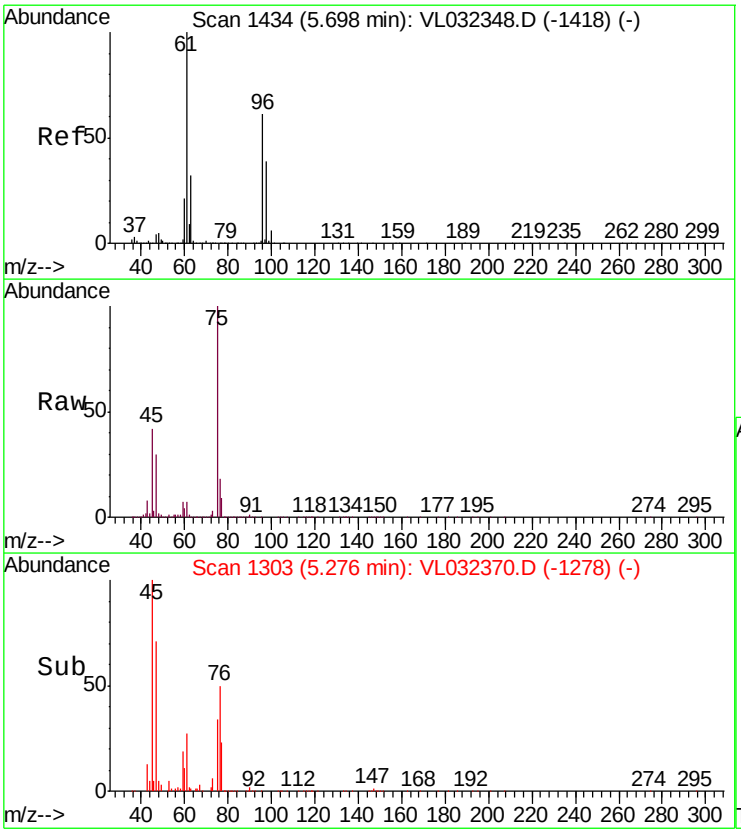
#29
Chloroform
Concen: 0.031 ppbv
RT: 5.94 min Scan# 1509
Delta R.T. 0.04 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 83 Resp: 7178

Ion	Ratio	Lower	Upper
83	100		
85	56.6	51.6	77.4

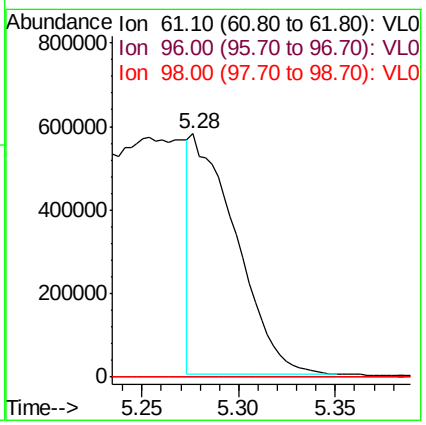


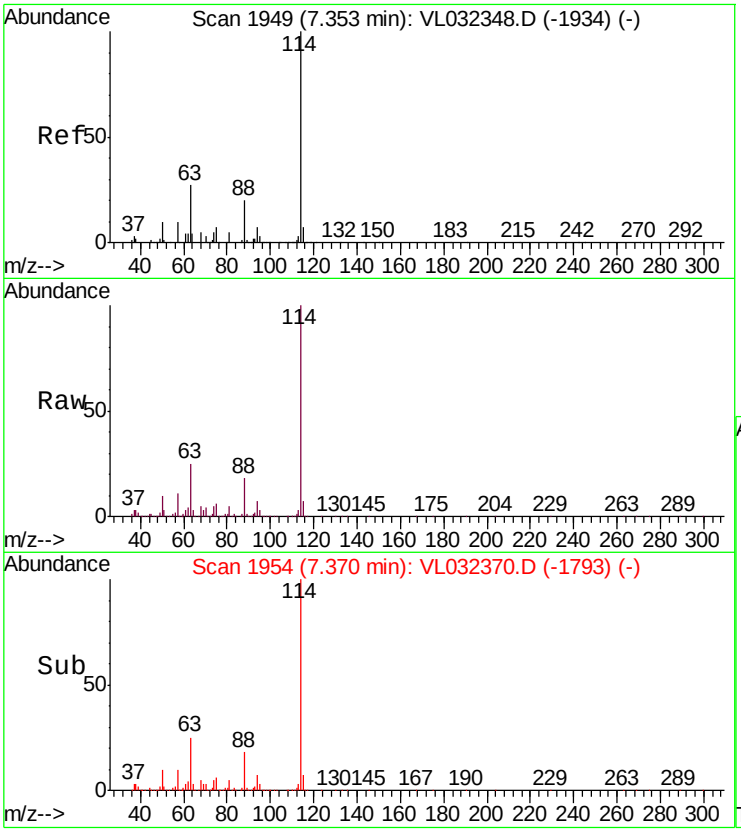


#31
cis-1,2-Dichloroethene
Concen: 6.141 ppbv
RT: 5.28 min Scan# 1303
Delta R.T. -0.42 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 61 Resp: 938286

Ion	Ratio	Lower	Upper
61	100		
96	0.0	48.5	72.7#
98	0.0	31.0	46.4#



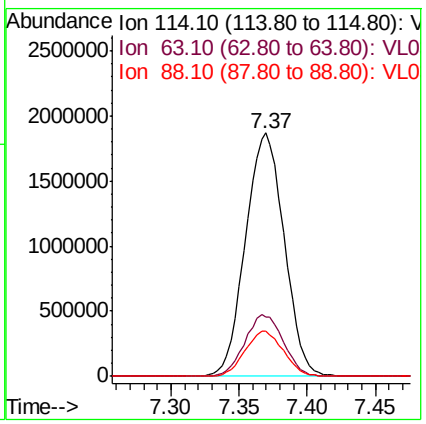


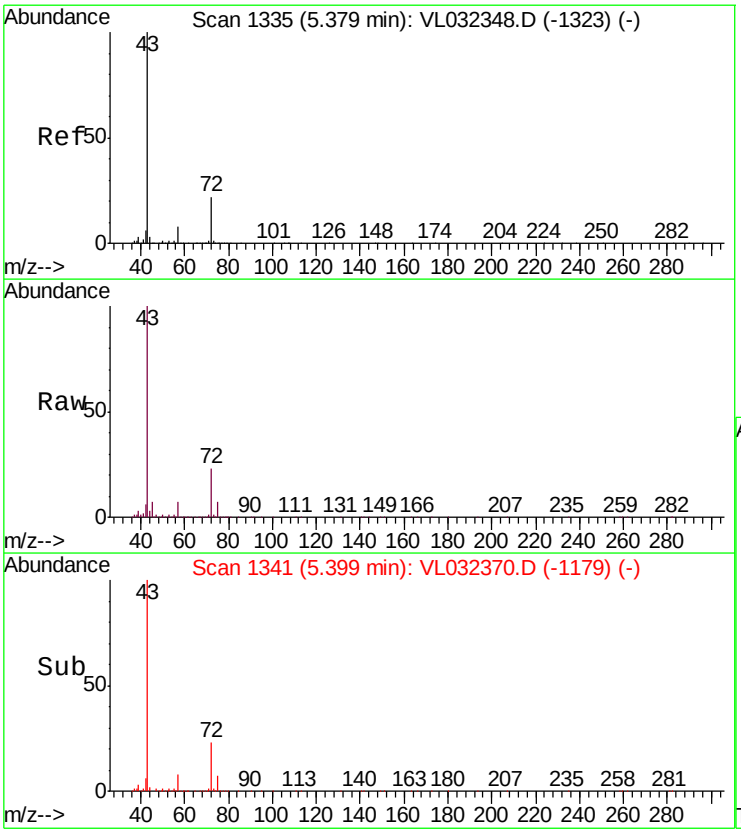
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1954
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:114 Resp: 3677915

Ion	Ratio	Lower	Upper
114	100		
63	25.3	22.0	33.0
88	18.4	15.3	22.9

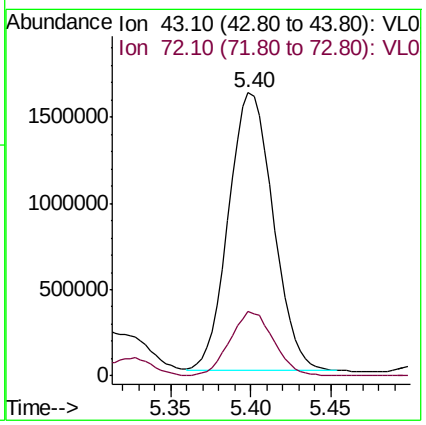


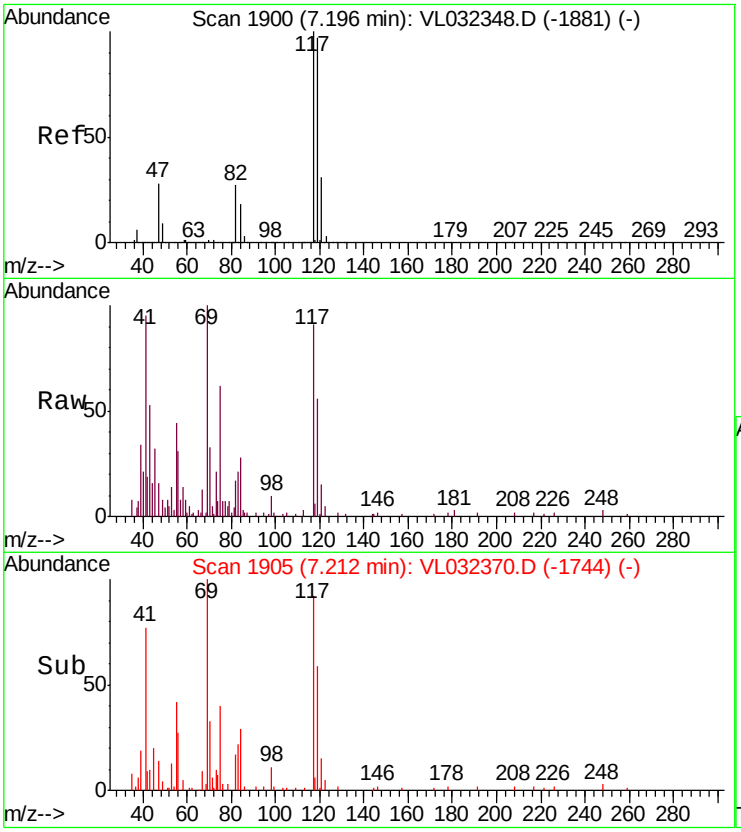


#34
2-Butanone
Concen: 12.312 ppbv
RT: 5.40 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 43 Resp: 3081882

Ion	Ratio	Lower	Upper
43	100		
72	22.5	17.9	26.9



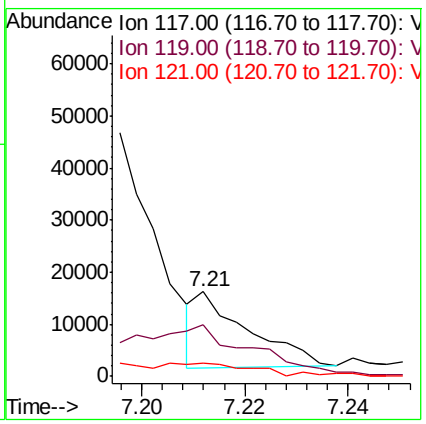


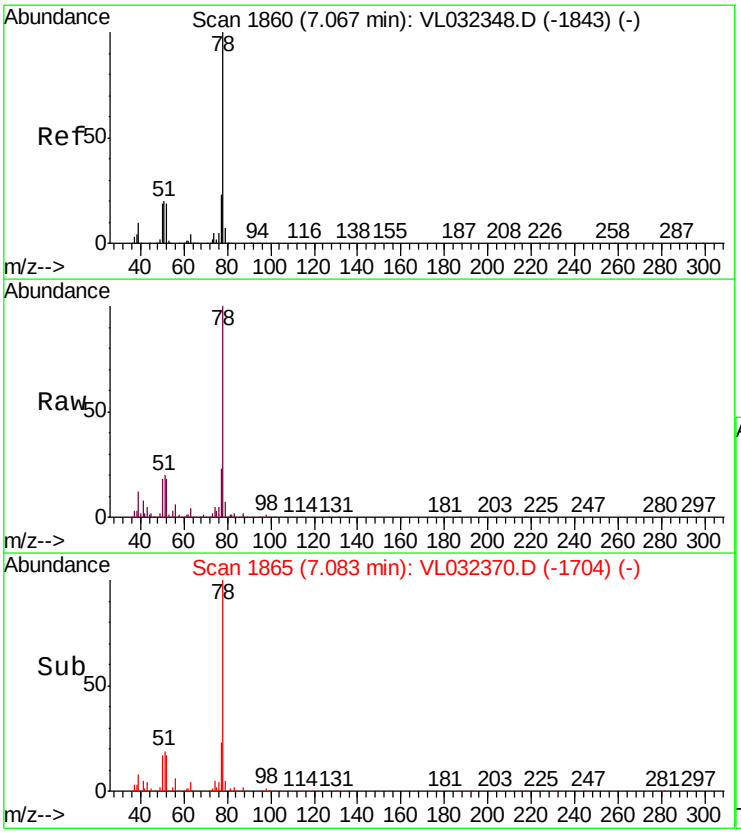
#35
Carbon Tetrachloride
Concen: 0.047 ppbv
RT: 7.21 min Scan# 1905
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:117 Resp: 10086

Ion	Ratio	Lower	Upper
117	100		
119	65.4	77.2	115.8#
121	14.4	25.1	37.7#

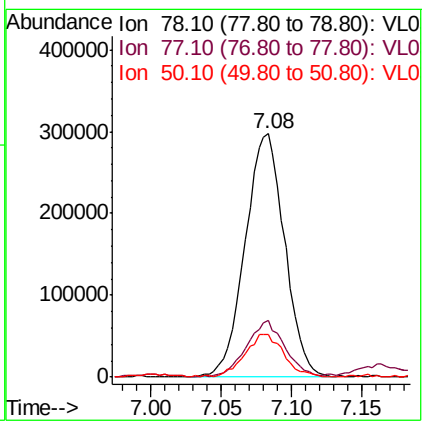


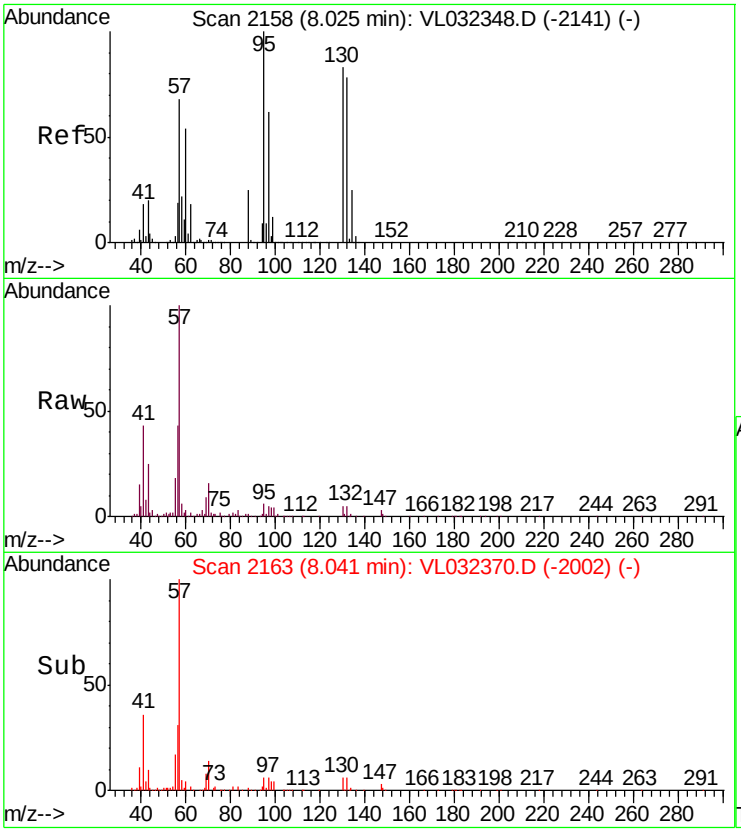


#36
Benzene
Concen: 1.861 ppbv
RT: 7.08 min Scan# 1865
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 78 Resp: 580237

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.0	27.0
50	17.4	15.1	22.7



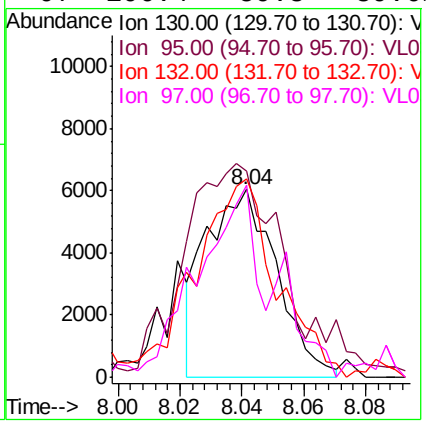


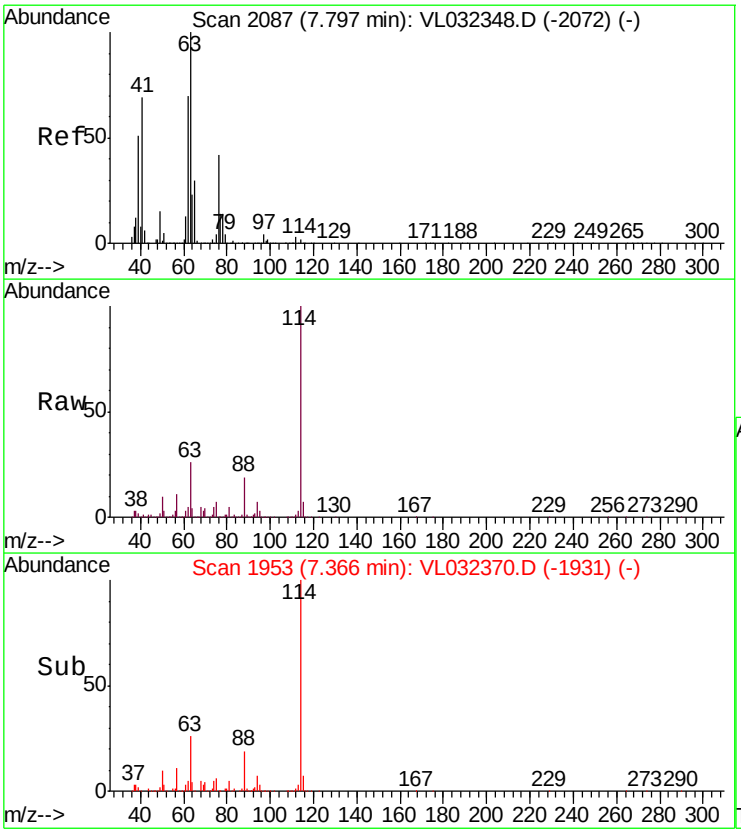
#38
Trichloroethene
Concen: 0.087 ppbv
RT: 8.04 min Scan# 2163
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Tgt Ion:130 Resp: 9552

Ion	Ratio	Lower	Upper
130	100		
95	82.1	96.6	144.8#
132	102.1	75.5	113.3
97	106.4	59.8	89.6#

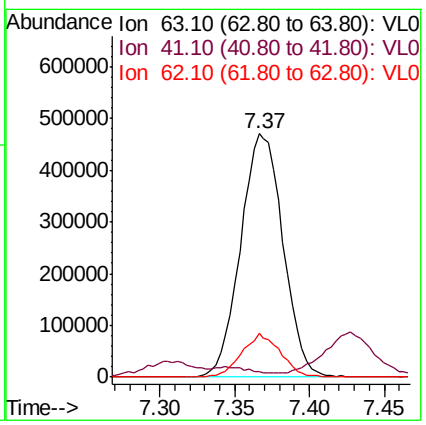


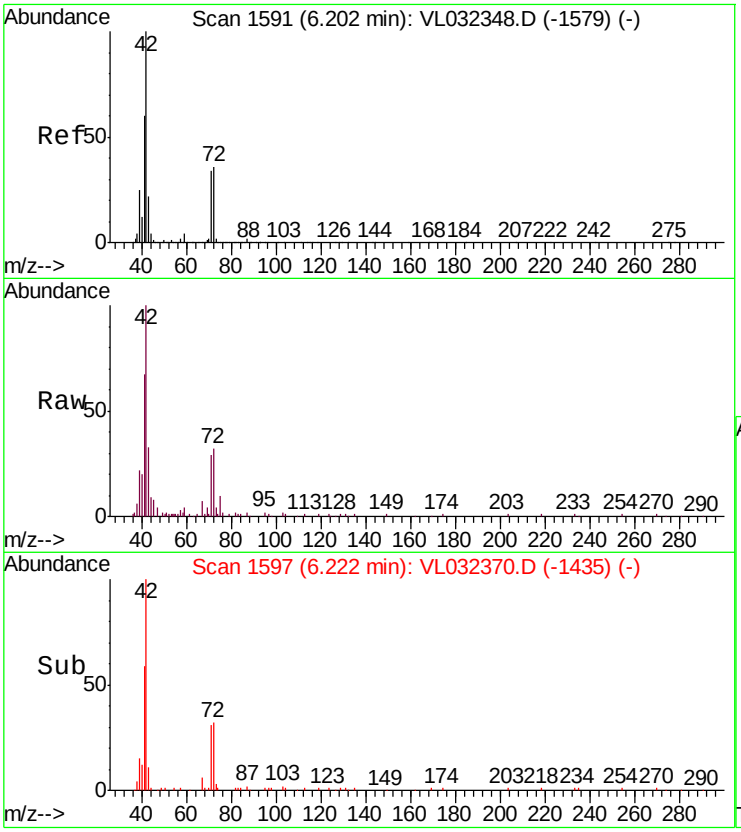


#39
1,2-Dichloropropane
Concen: 7.115 ppbv
RT: 7.37 min Scan# 1953
Delta R.T. -0.43 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 63 Resp: 926701

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.5	83.3#
62	18.1	56.3	84.5#



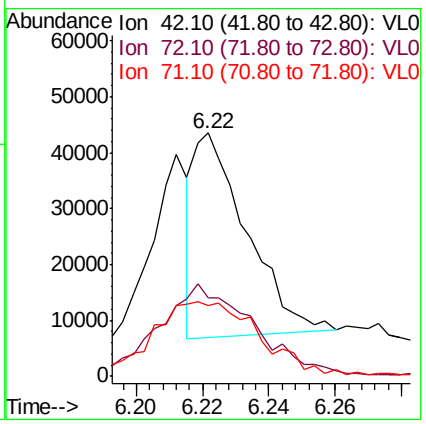


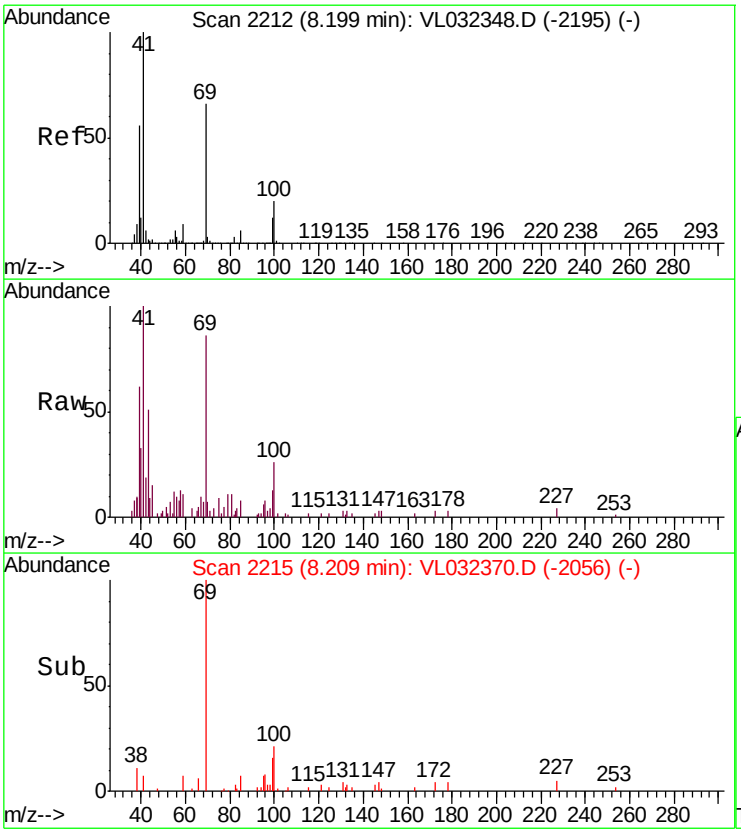
#41
Tetrahydrofuran
Concen: 0.296 ppbv
RT: 6.22 min Scan# 1597
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 42 Resp: 39833

Ion	Ratio	Lower	Upper
42	100		
72	84.3	29.8	44.6#
71	76.9	28.2	42.2#

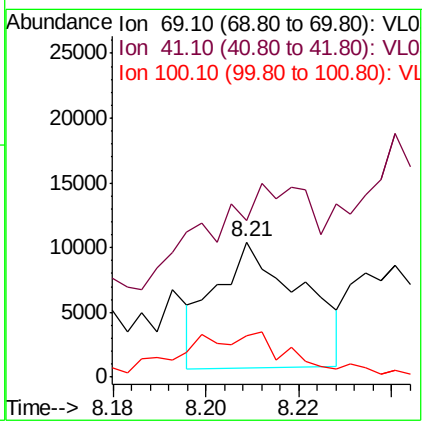


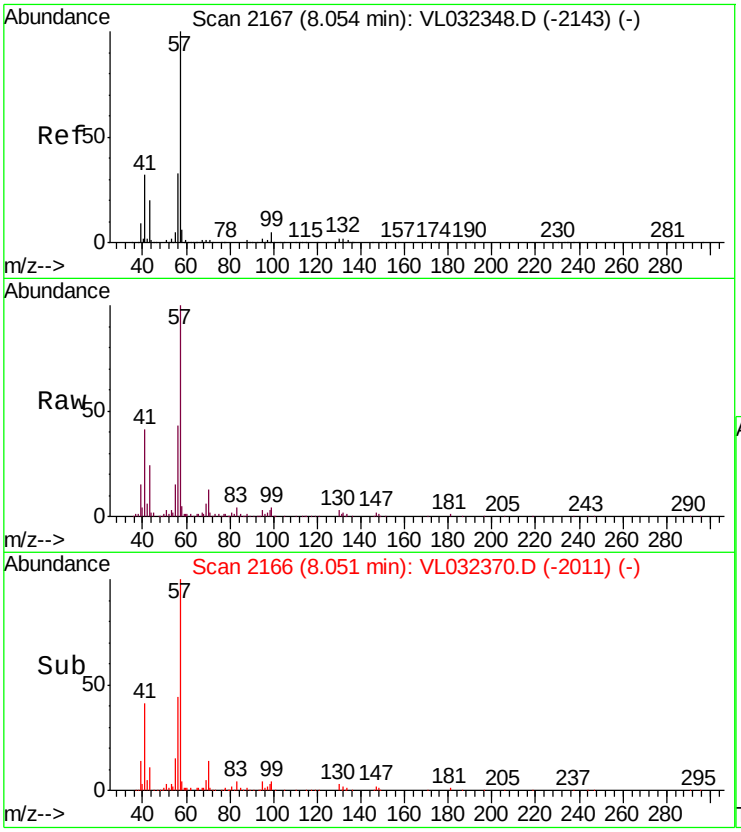


#43
Methyl Methacrylate
Concen: 0.100 ppbv
RT: 8.21 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 69 Resp: 12406

Ion	Ratio	Lower	Upper
69	100		
41	0.0	118.6	177.8#
100	51.9	23.4	35.2#



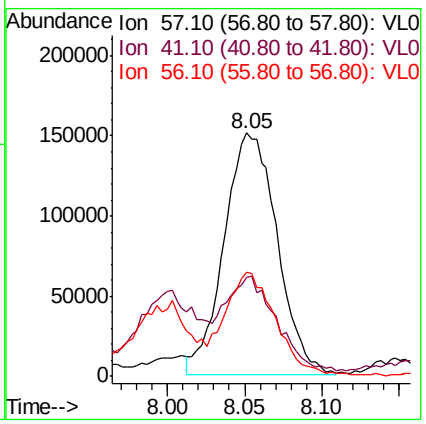


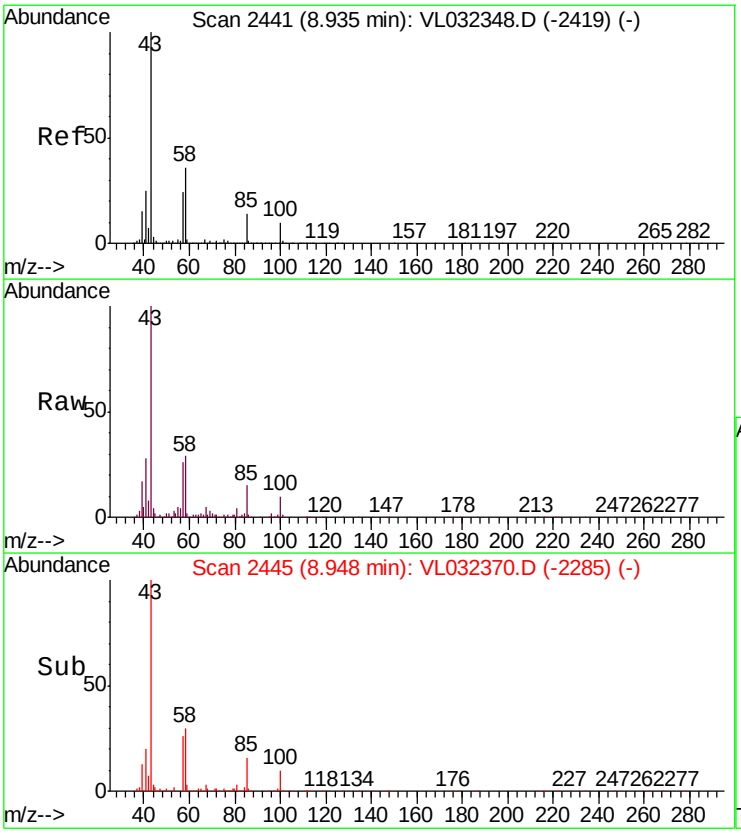
#44
2,2,4-Trimethylpentane
Concen: 0.641 ppbv
RT: 8.05 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 57 Resp: 360456

Ion	Ratio	Lower	Upper
57	100		
41	41.4	24.3	36.5#
56	41.0	25.7	38.5#

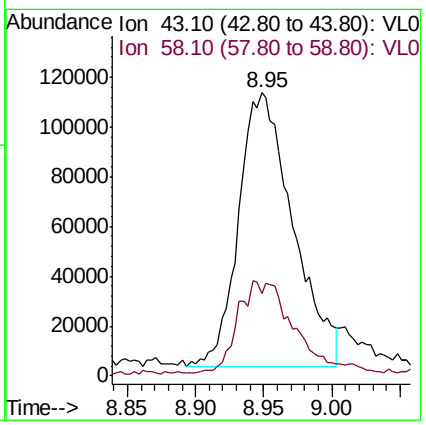


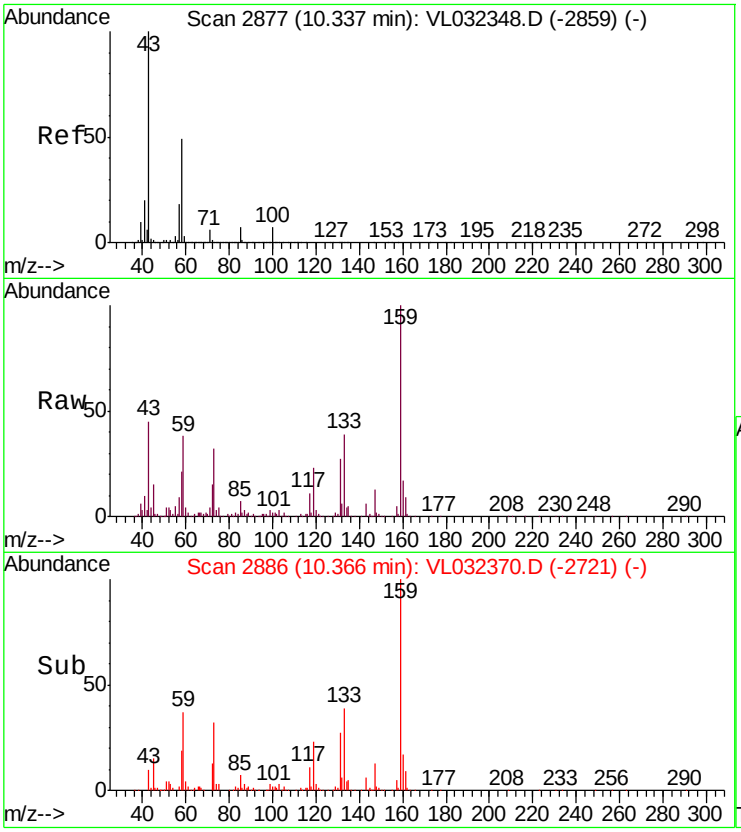


#50
4-Methyl-2-Pentanone
Concen: 0.846 ppbv
RT: 8.95 min Scan# 2445
Delta R.T. 0.01 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 43 Resp: 305813

Ion	Ratio	Lower	Upper
43	100		
58	36.7	28.9	43.3



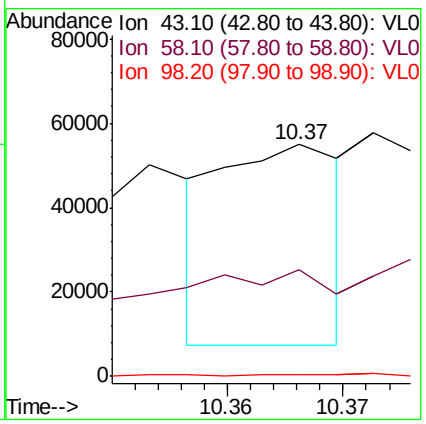


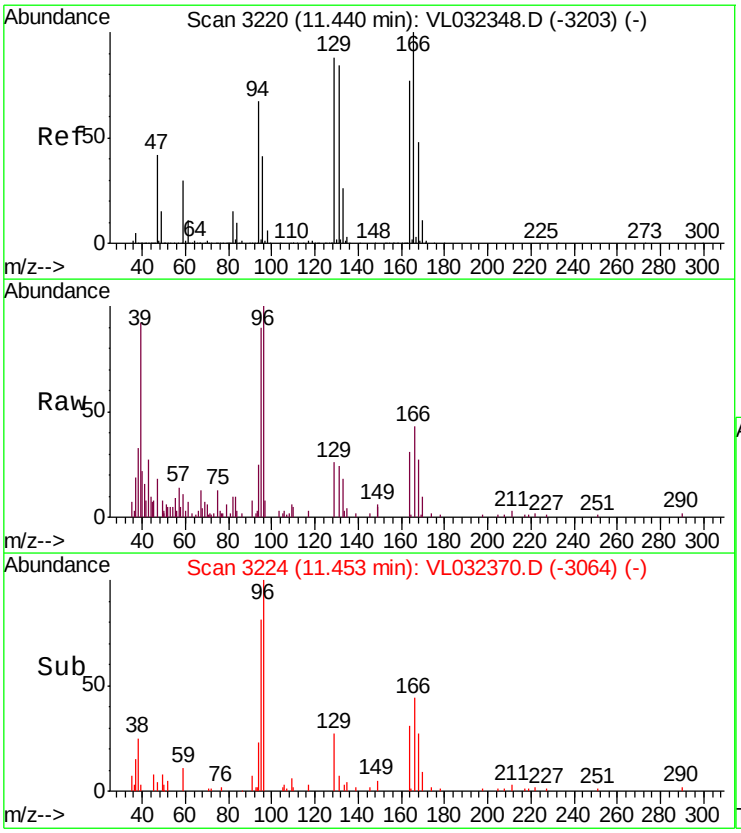
#51
2-Hexanone
Concen: 0.135 ppbv
RT: 10.37 min Scan# 2886
Delta R.T. 0.03 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Tgt Ion: 43 Resp: 34201

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.5	59.3#
98	0.0	0.3	0.5#

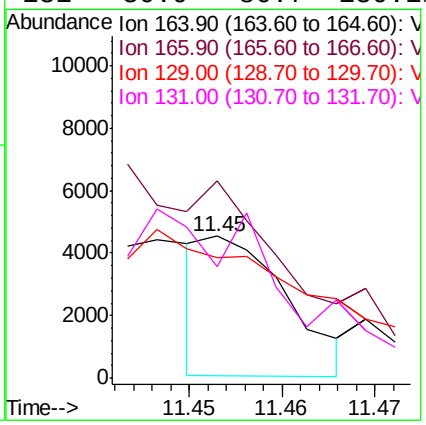


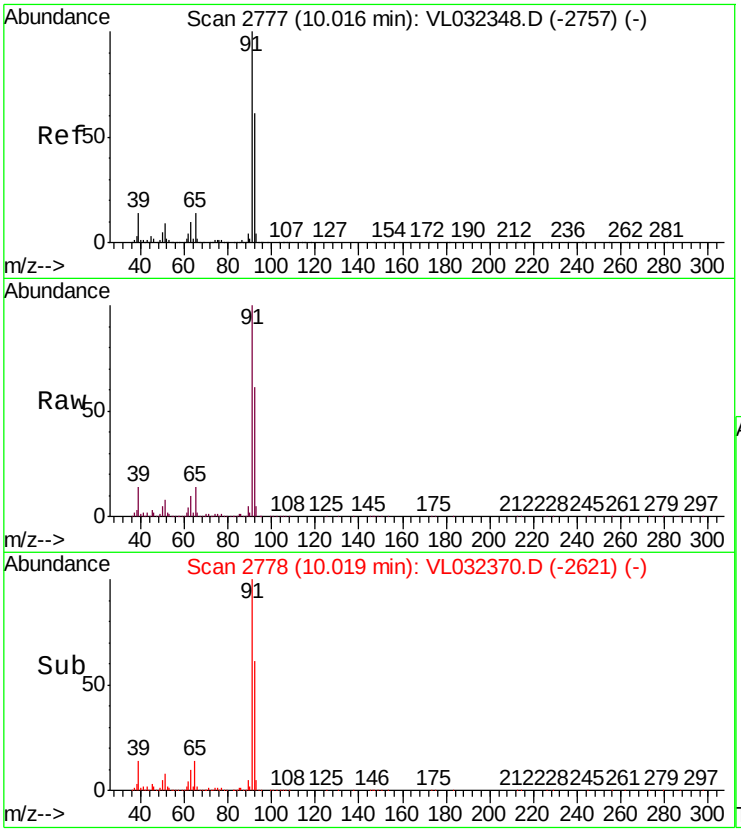


#52
Tetrachloroethene
Concen: 0.030 ppbv
RT: 11.45 min Scan# 3224
Delta R.T. 0.01 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:164 Resp: 2776

Ion	Ratio	Lower	Upper
164	100		
166	114.2	103.5	155.3
129	39.0	90.9	136.3#
131	30.9	86.7	130.1#



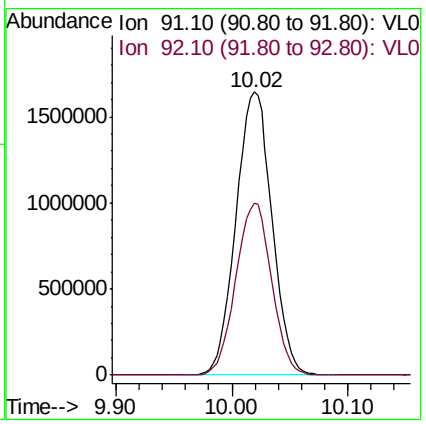


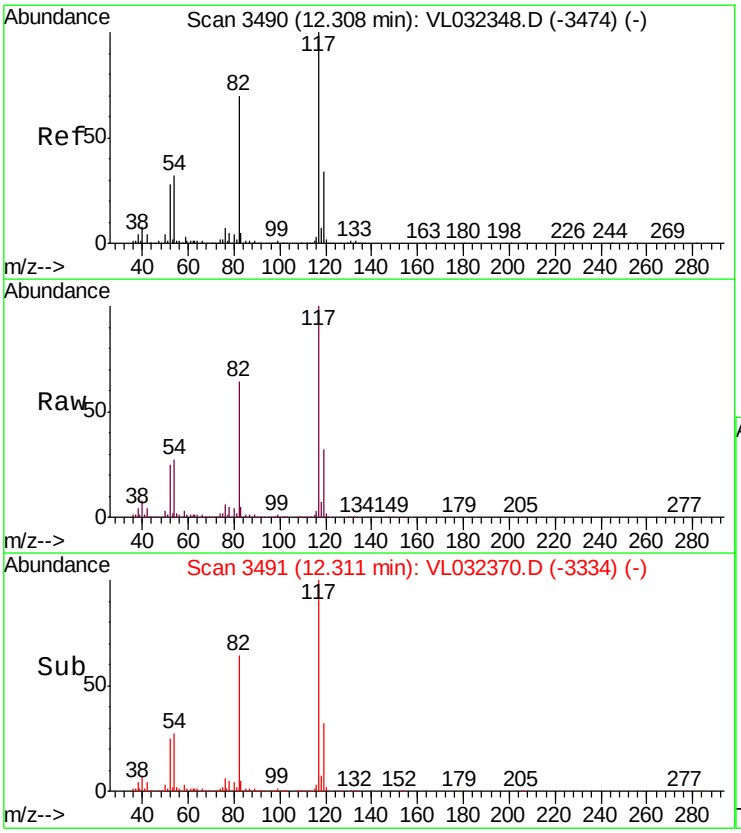
#53
Toluene
Concen: 10.370 ppbv
RT: 10.02 min Scan# 2778
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 91 Resp: 3544463

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.7	73.1

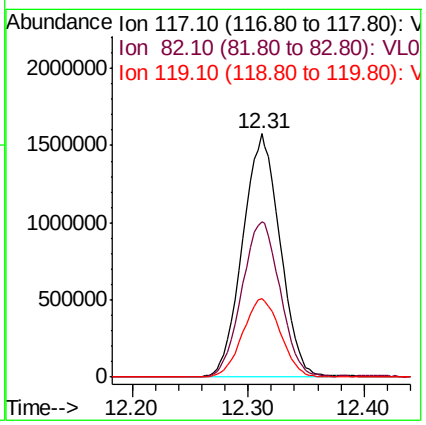


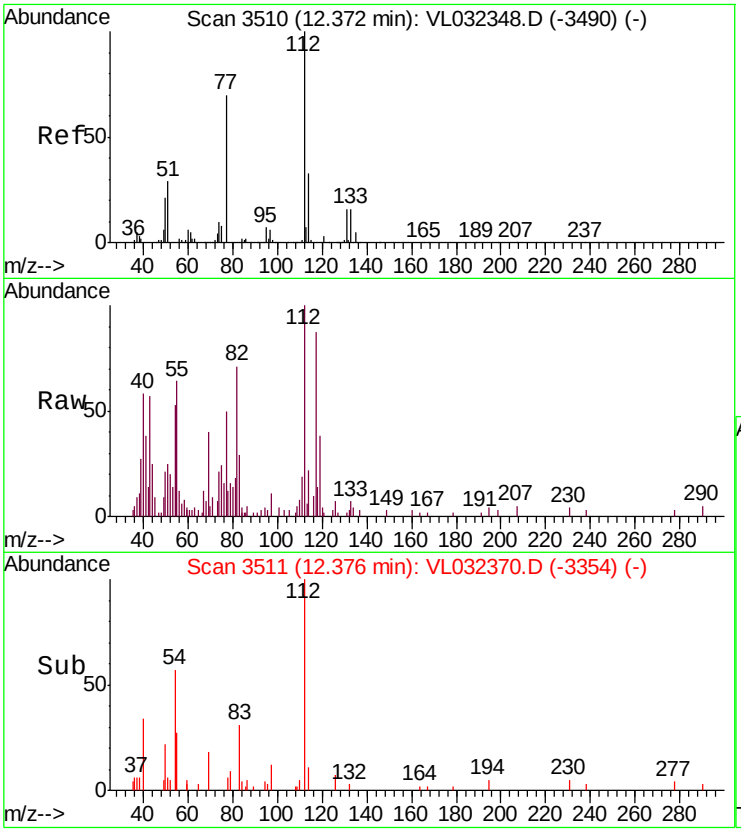


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:117 Resp: 3533490

Ion	Ratio	Lower	Upper
117	100		
82	65.4	55.1	82.7
119	32.9	46.0	69.0#



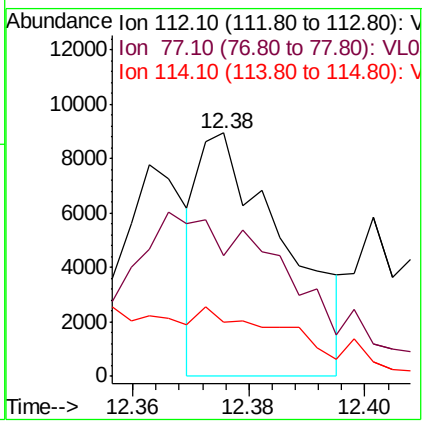


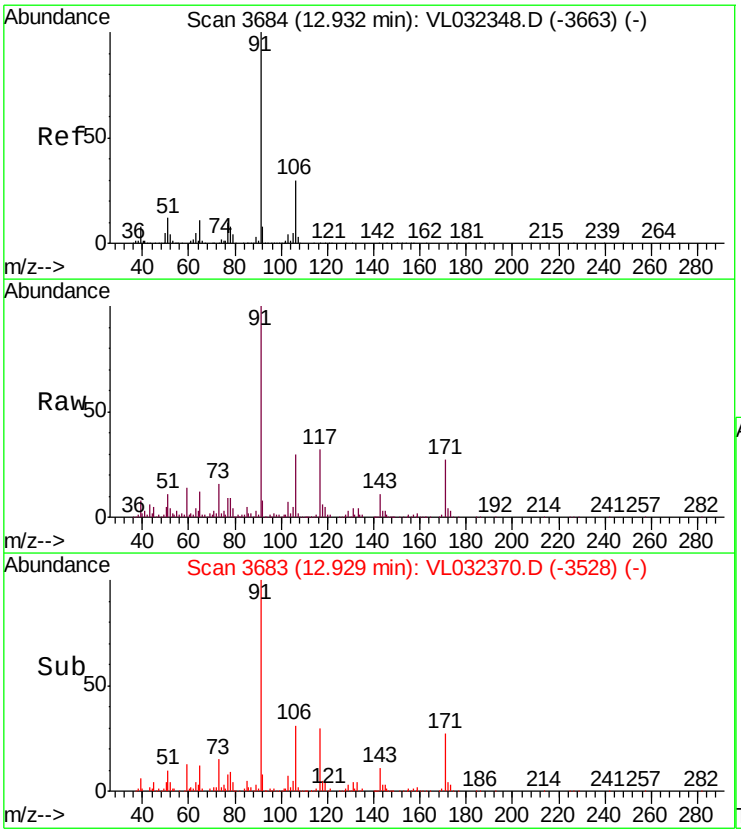
#57
Chlorobenzene
Concen: 0.034 ppbv
RT: 12.38 min Scan# 3511
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:112 Resp: 9164

Ion	Ratio	Lower	Upper
112	100		
77	76.0	56.6	84.8
114	25.9	29.4	36.0#

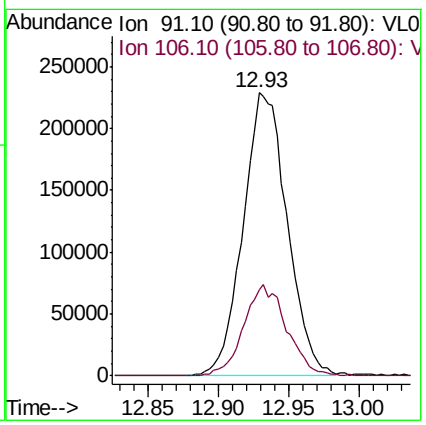


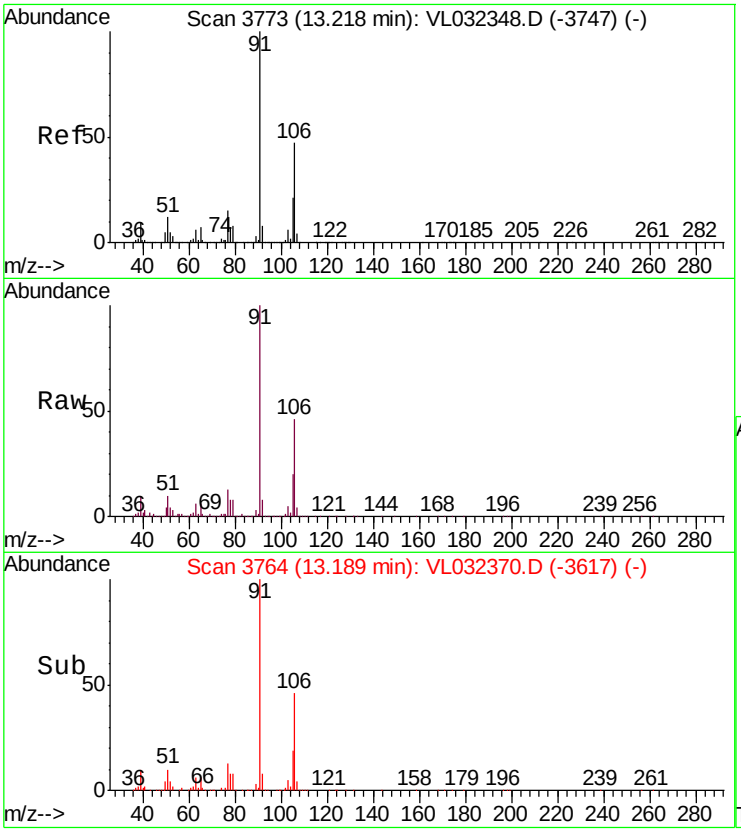


#58
Ethyl Benzene
Concen: 1.174 ppbv
RT: 12.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 91 Resp: 499116

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5



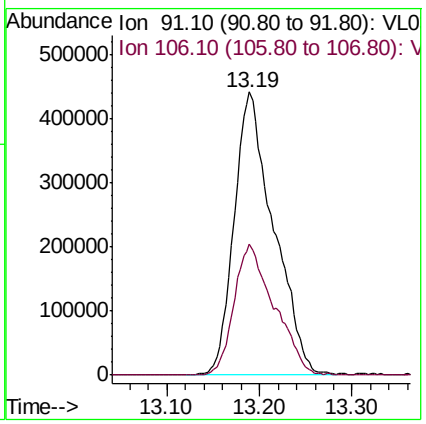


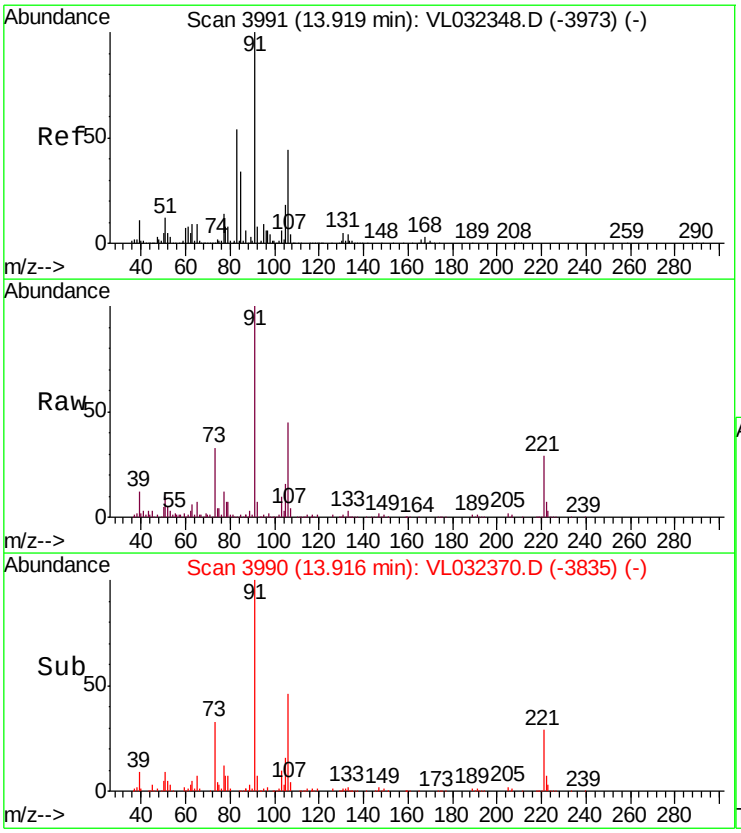
#59
m/p-Xylene
Concen: 3.609 ppbv
RT: 13.19 min Scan# 3764
Delta R.T. -0.03 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 91 Resp: 1303315

Ion	Ratio	Lower	Upper
91	100		
106	47.3	37.0	55.4

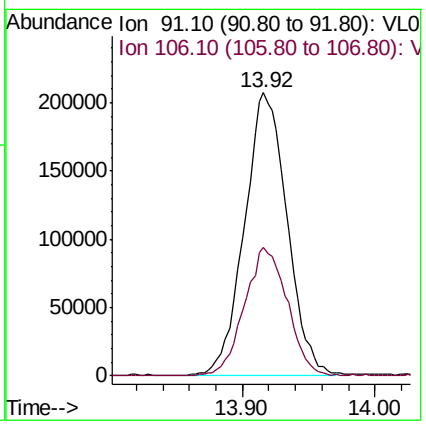


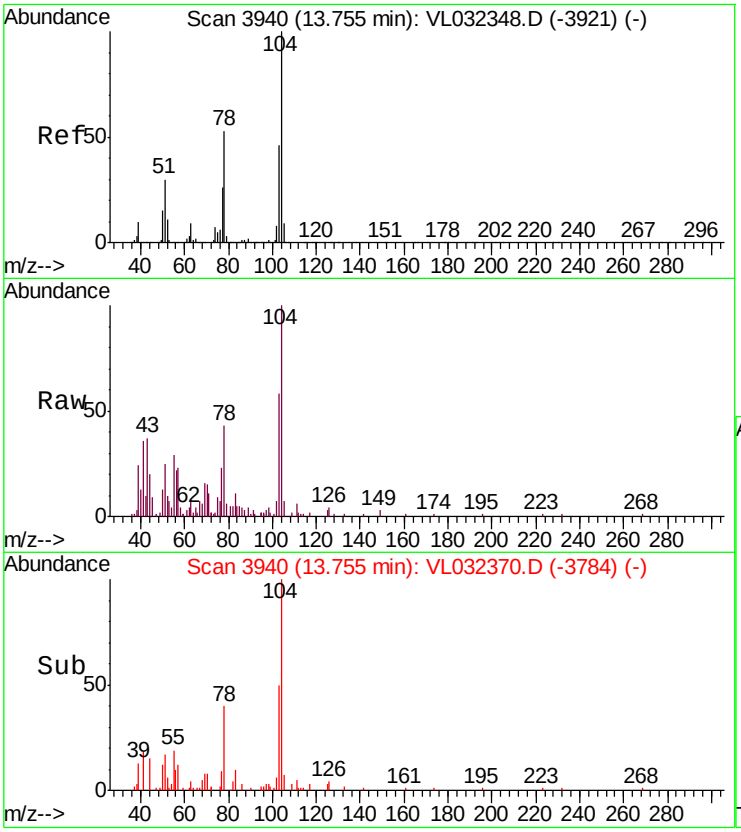


#60
o-Xylene
Concen: 1.299 ppbv
RT: 13.92 min Scan# 3990
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 91 Resp: 461123

Ion	Ratio	Lower	Upper
91	100		
106	46.1	22.3	66.8



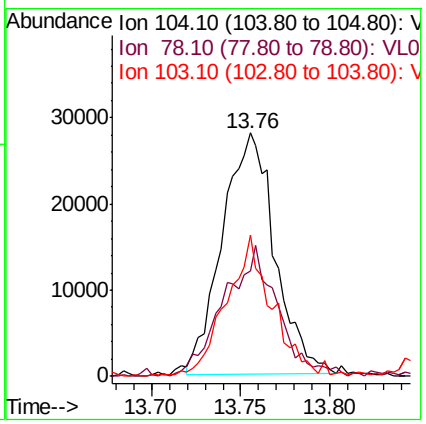


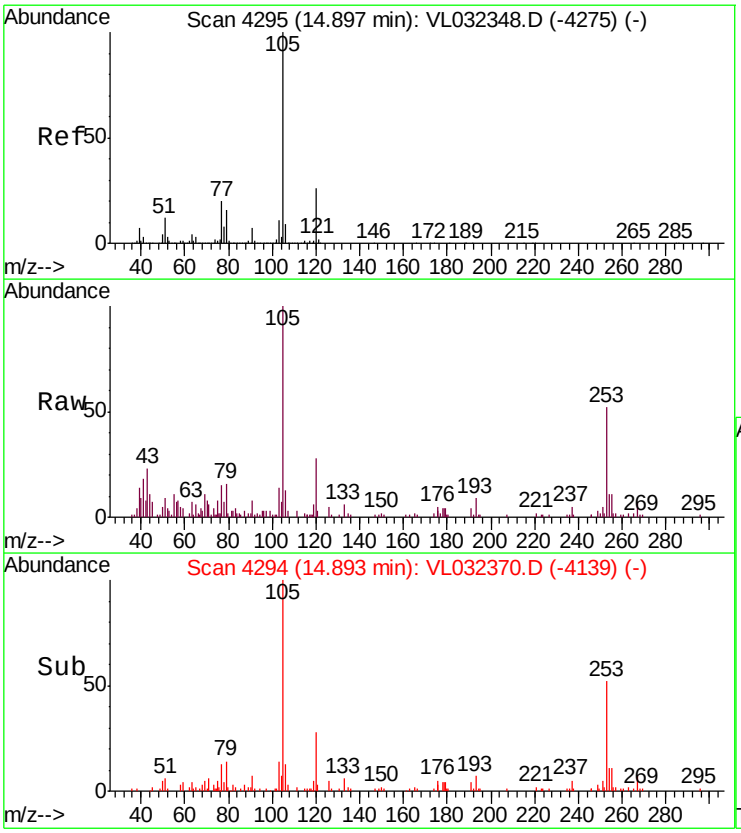
#61
Styrene
Concen: 0.233 ppbv
RT: 13.76 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Tgt Ion:104 Resp: 57731

Ion	Ratio	Lower	Upper
104	100		
78	55.4	42.6	64.0
103	51.0	38.0	57.0

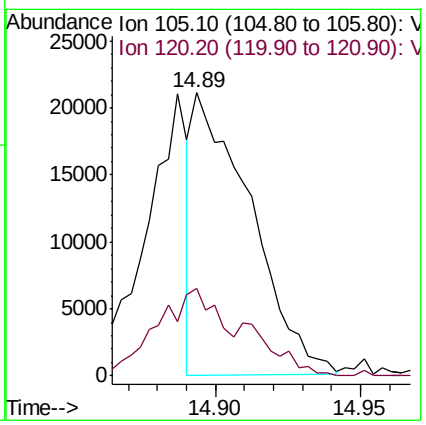


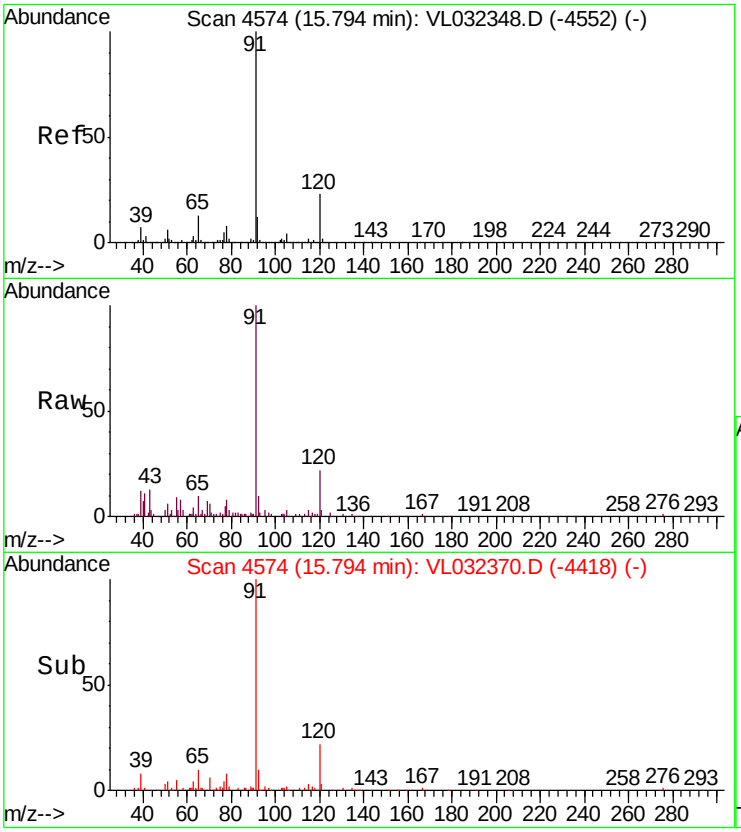


#62
Isopropylbenzene
Concen: 0.057 ppbv
RT: 14.89 min Scan# 4294
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:105 Resp: 28971

Ion	Ratio	Lower	Upper
105	100		
120	49.1	20.6	30.8#



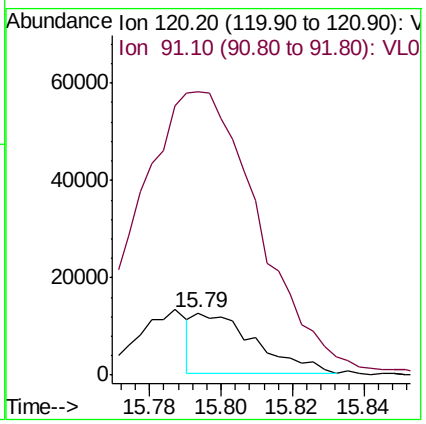


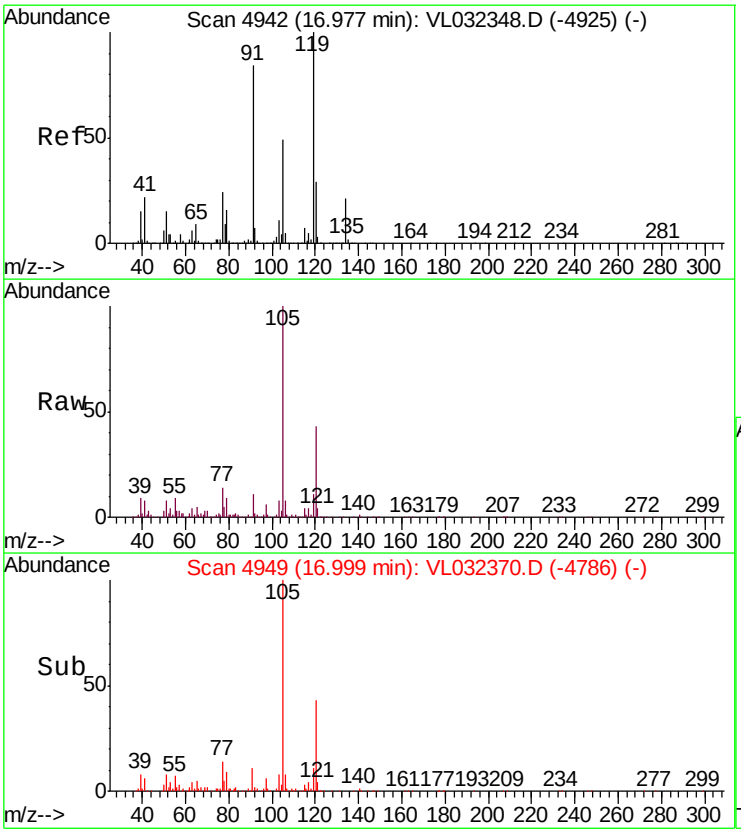
#64
n-propylbenzene
Concen: 0.112 ppbv
RT: 15.79 min Scan# 4574
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:120 Resp: 14656

Ion	Ratio	Lower	Upper
120	100		
91	979.9	382.2	573.2#

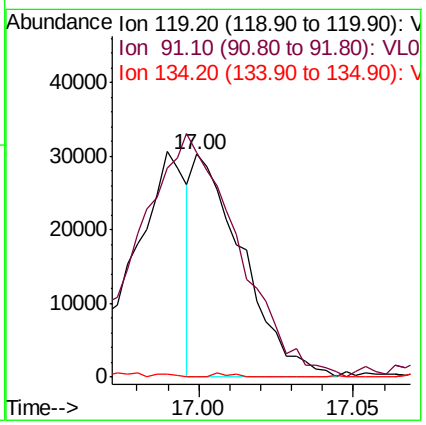


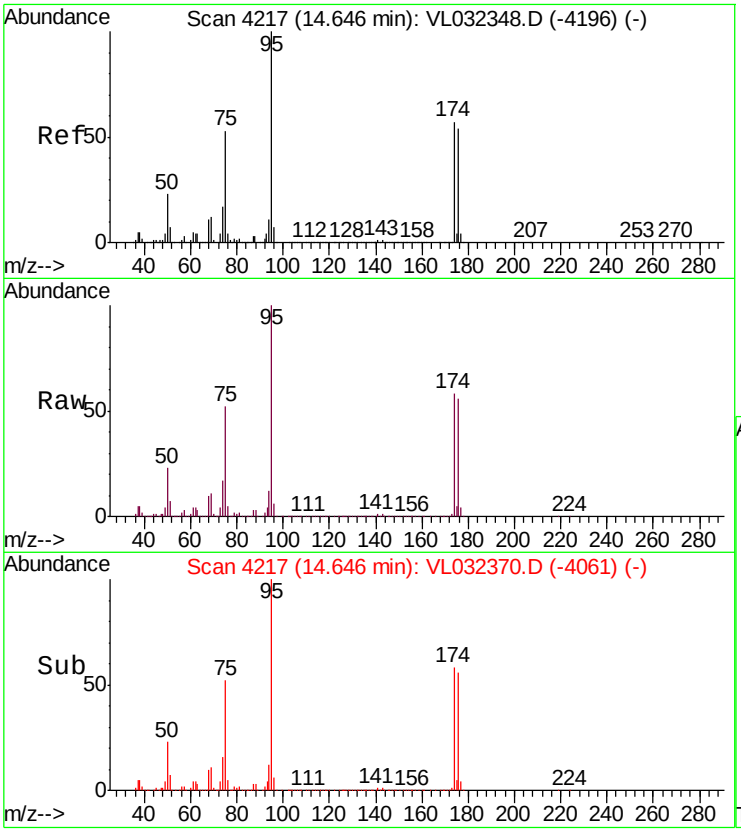


#65
tert-Butylbenzene
Concen: 0.078 ppbv
RT: 17.00 min Scan# 4949
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:119 Resp: 33722

Ion	Ratio	Lower	Upper
119	100		
91	221.1	67.4	101.0#
134	0.0	15.8	23.6#



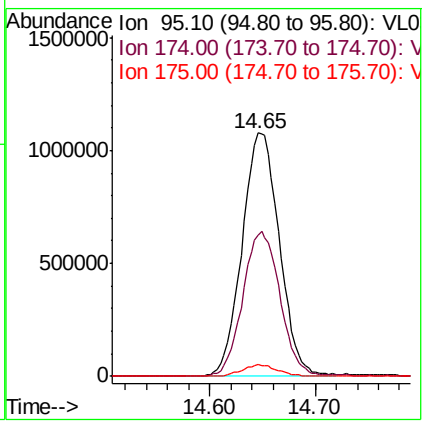


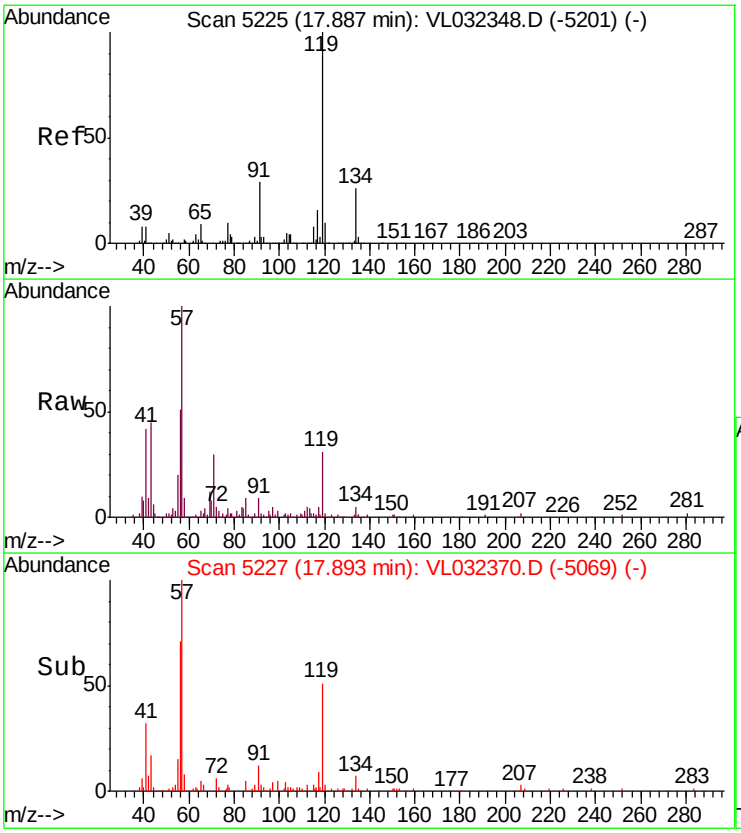
#68
1-Bromo-4-Fluorobenzene
Concen: 9.851 ppbv
RT: 14.65 min Scan# 4217
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 95 Resp: 2655619

Ion	Ratio	Lower	Upper
95	100		
174	60.0	46.2	69.4
175	4.5	3.4	5.0

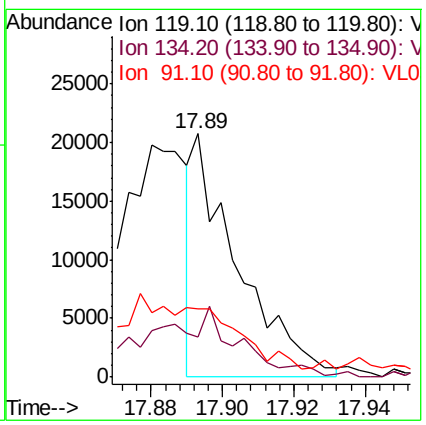


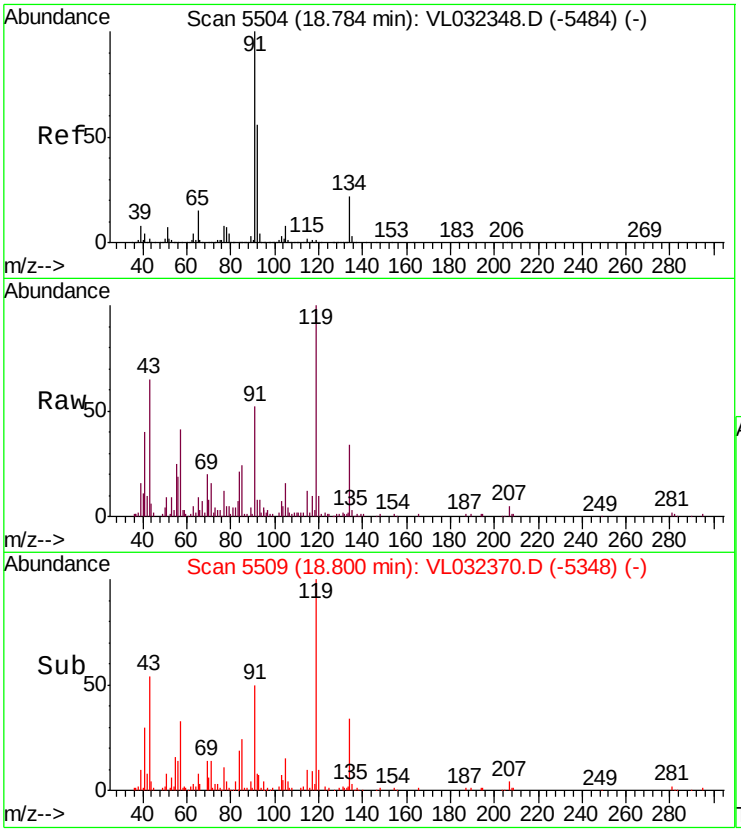


#69
p-Isopropyltoluene
Concen: 0.036 ppbv
RT: 17.89 min Scan# 5227
Delta R.T. 0.01 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:119 Resp: 17888

Ion	Ratio	Lower	Upper
119	100		
134	66.8	20.4	30.6#
91	0.0	23.6	35.4#



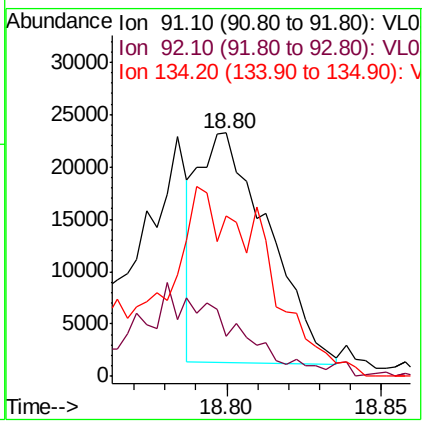


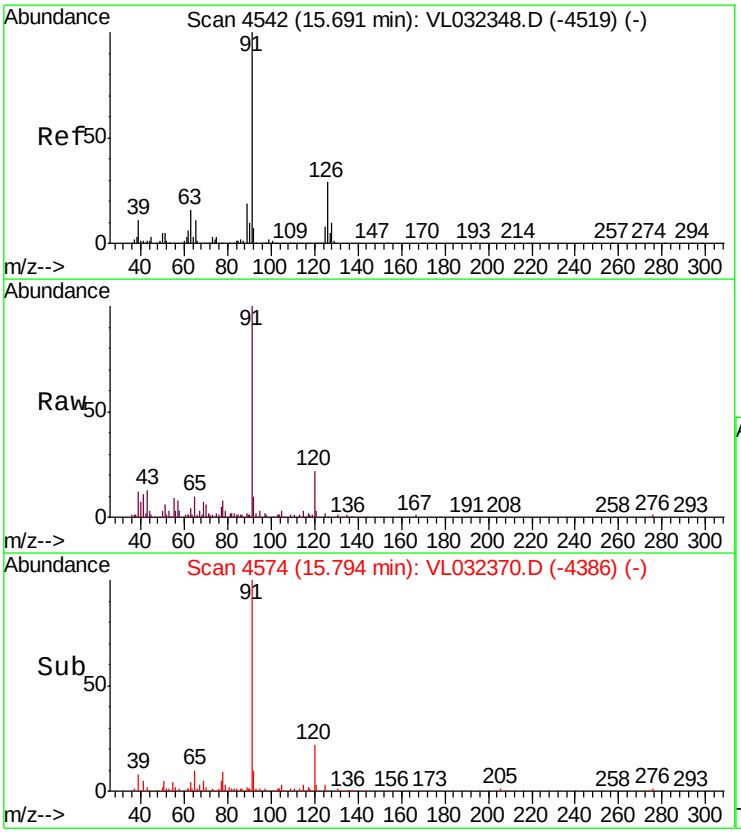
#70
n-Butylbenzene
Concen: 0.064 ppbv
RT: 18.80 min Scan# 5509
Delta R.T. 0.02 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion: 91 Resp: 34621

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.9	65.9#
134	150.5	17.3	25.9#

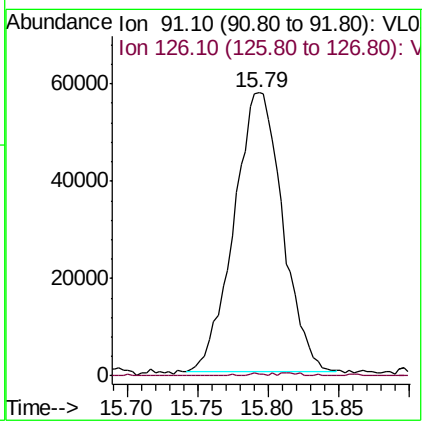


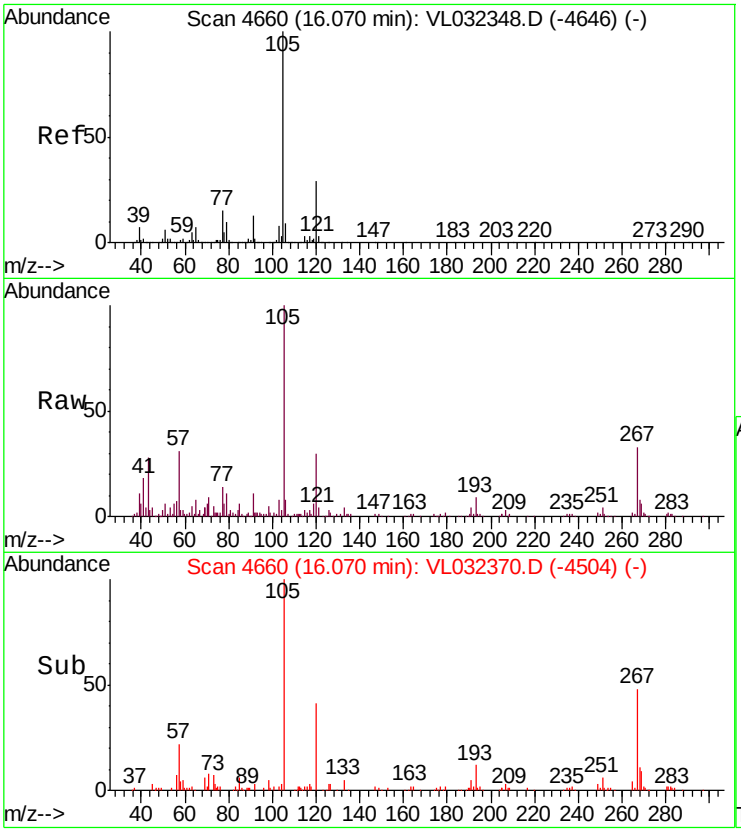


#71
2-Chlorotoluene
Concen: 0.354 ppbv
RT: 15.79 min Scan# 4574
Delta R.T. 0.10 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion: 91 Resp: 138597

Ion	Ratio	Lower	Upper
91	100		
126	0.9	11.8	47.2#



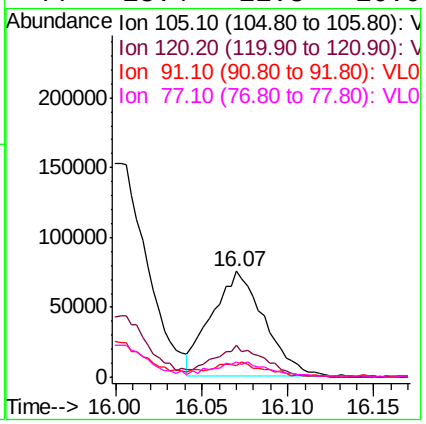


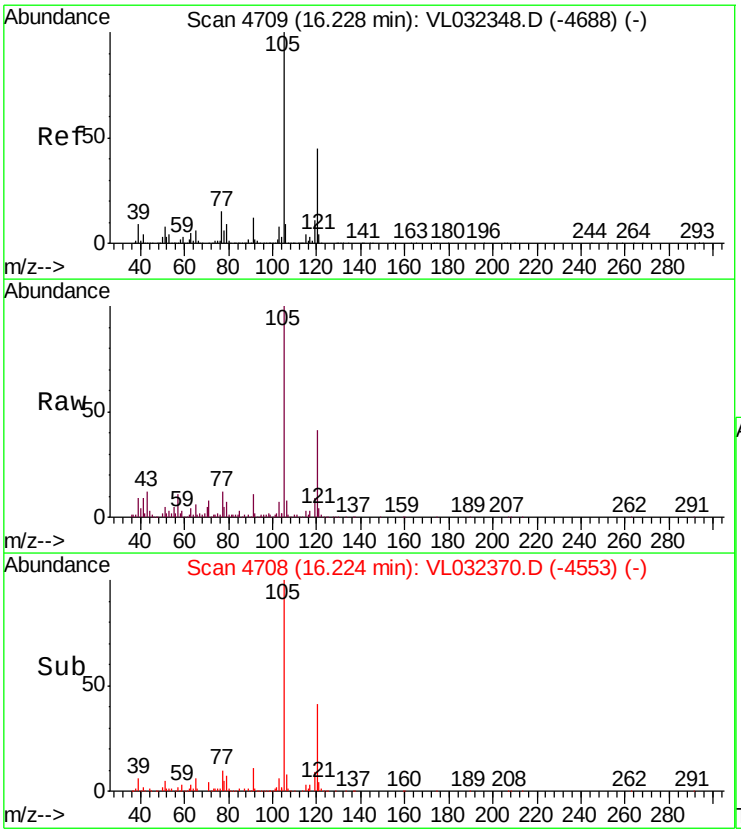
#72
4-Ethyltoluene
Concen: 0.406 ppbv
RT: 16.07 min Scan# 4660
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:105 Resp: 160922

Ion	Ratio	Lower	Upper
105	100		
120	30.4	23.4	35.0
91	13.9	10.0	15.0
77	13.4	11.3	16.9

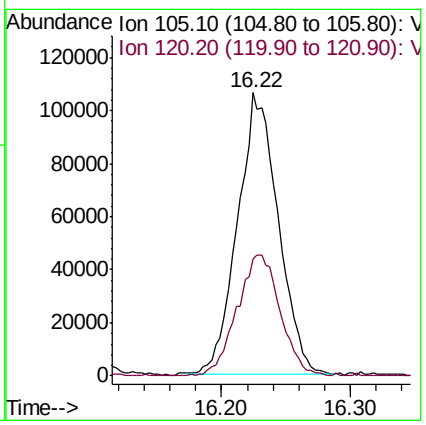


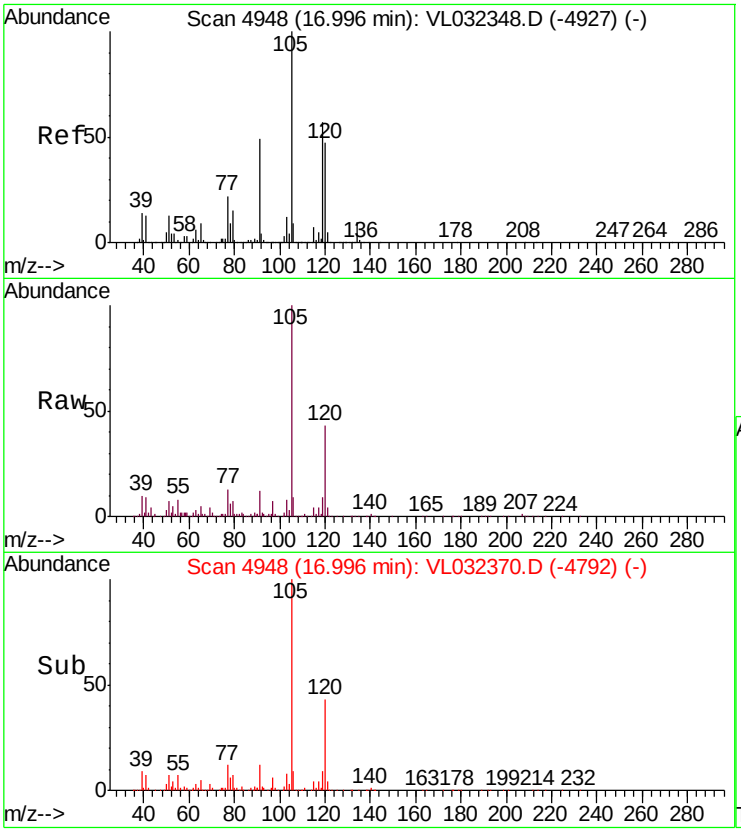


#73
1,3,5-Trimethylbenzene
Concen: 0.612 ppbv
RT: 16.22 min Scan# 4708
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:105 Resp: 233014

Ion	Ratio	Lower	Upper
105	100		
120	41.3	36.3	54.5



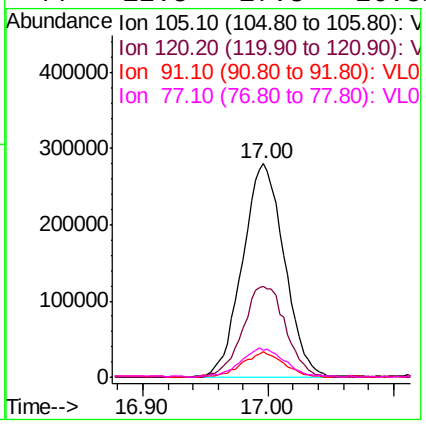


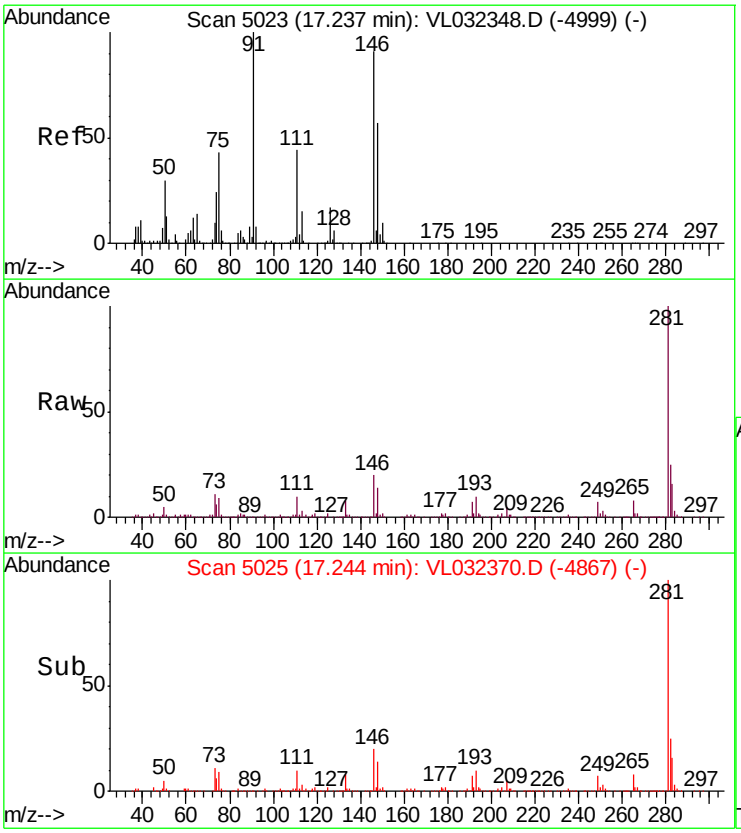
#74
1,2,4-Trimethylbenzene
Concen: 1.604 ppbv
RT: 17.00 min Scan# 4948
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:105 Resp: 649739

Ion	Ratio	Lower	Upper
105	100		
120	42.7	37.6	56.4
91	11.5	39.9	59.9#
77	12.5	17.8	26.8#

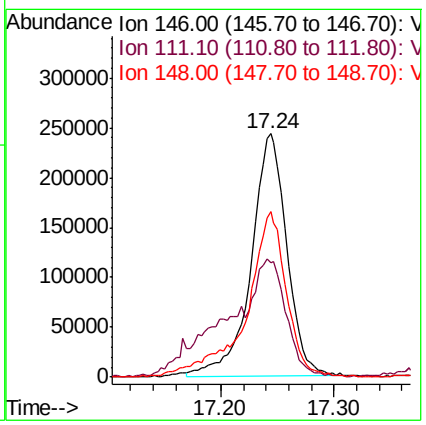


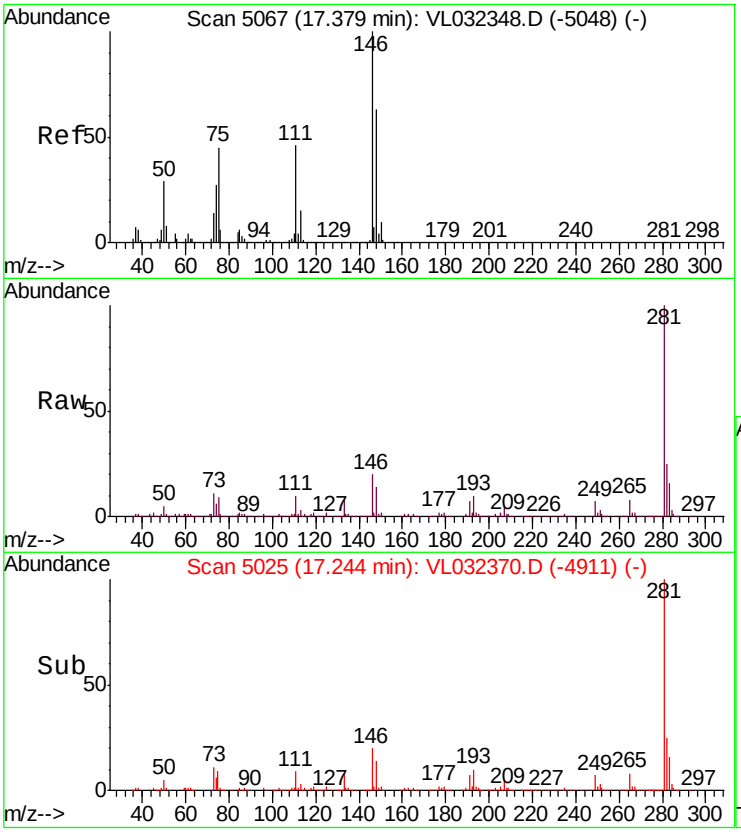


#75
1,3-Dichlorobenzene
Concen: 2.183 ppbv
RT: 17.24 min Scan# 5025
Delta R.T. 0.01 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:146 Resp: 531574

Ion	Ratio	Lower	Upper
146	100		
111	80.5	24.6	73.8#
148	77.4	32.0	96.0



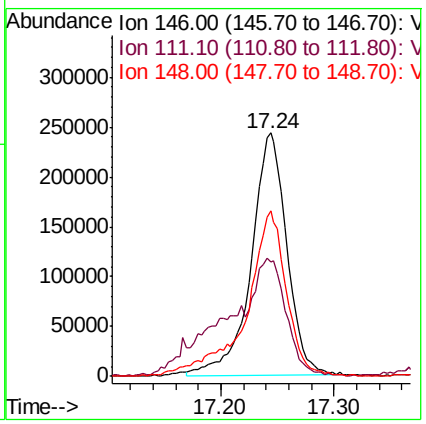


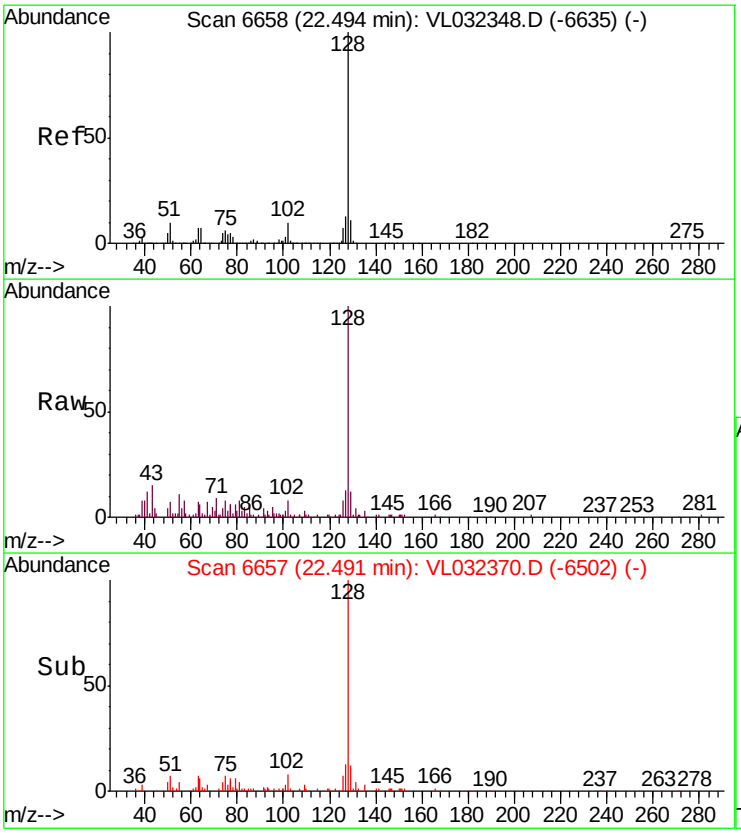
#76
1,4-Dichlorobenzene
Concen: 2.305 ppbv
RT: 17.24 min Scan# 5025
Delta R.T. -0.14 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument : MSVOA_L
ClientSampleId : SG05-MIVI

Tgt Ion:146 Resp: 531574

Ion	Ratio	Lower	Upper
146	100		
111	80.1	23.8	71.4#
148	77.5	32.2	96.6

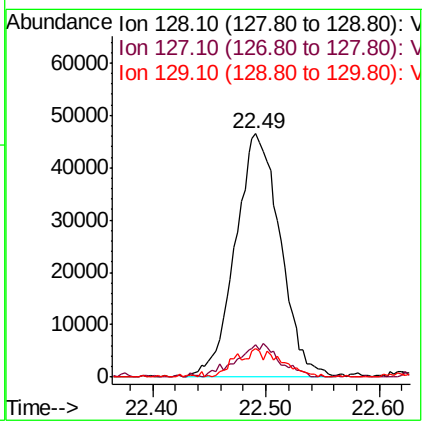


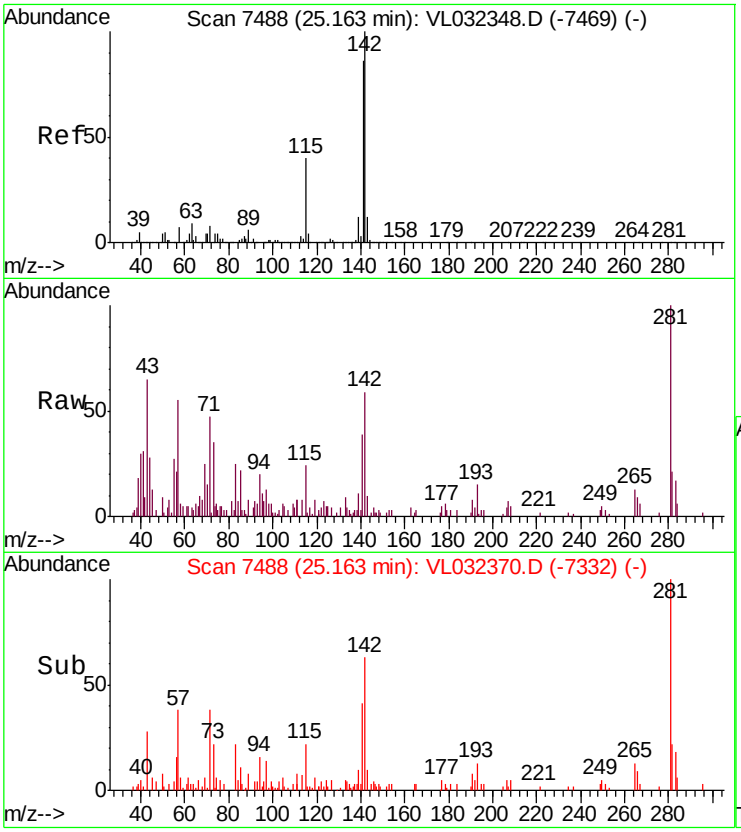


#79
Naphthalene
Concen: 0.655 ppbv
RT: 22.49 min Scan# 6657
Delta R.T. -0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Tgt Ion:128 Resp: 128400

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.7	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.179 ppbv
RT: 25.16 min Scan# 7488
Delta R.T. 0.00 min
Lab File: VL032370.D
Acq: 16 Aug 2018 3:54

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVI

Tgt Ion:142 Resp: 14482

Ion	Ratio	Lower	Upper
142	100		
141	83.0	66.7	100.1
115	60.0	31.0	46.6#