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

Quantitation Report (Not Reviewed)

Data File : VL032373.D
Acq On : 16 Aug 2018 5:57
Operator : SY/AP
Sample : J4457-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG04-MIVI

Quant Time: Aug 16 08:05:41 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	5.82	49	1458853	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.35	114	3233601	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.30	117	3117094	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.64	95	2397108	10.08	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.11	85	25890	Below Cal			95
3) Chlorodifluoromethane	3.03	51	247143	1.829	ppbv	#	67
4) Chloromethane	3.21	50	84162	1.046	ppbv	#	88
9) Propene	3.08	41	219298	3.792	ppbv	#	67
10) Heptane	8.31	43	132616	0.761	ppbv		99
11) Trichlorofluoromethane	4.04	101	46387	0.284	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.60	101	9037	0.082	ppbv		91
13) Ethanol	3.70	45	2164074	145.684	ppbv		97
15) Acetone	3.94	43	5178177	37.359	ppbv		97
16) 1,3-Butadiene	3.38	39	294274	5.142	ppbv	#	2
17) tert-Butyl alcohol	4.42	59	172551	7.419	ppbv	#	93
19) Isopropyl Alcohol	4.08	45	2746209	29.423	ppbv	#	1
20) Methylene Chloride	4.46	84	409093	7.815	ppbv		93
21) Allyl Chloride	4.48	41	14388	0.164	ppbv	#	1
22) trans-1,2-Dichloroethene	5.02	96	2287	0.044	ppbv	#	67
23) Vinyl Acetate	5.20	43	411858	1.721	ppbv	#	27
25) Ethyl Acetate	5.81	43	7051494	23.739	ppbv	#	89
26) Hexane	5.84	57	411179	3.105	ppbv	#	1
27) Carbon Disulfide	4.67	76	169983	1.375	ppbv	#	89
28) Methyl tert-Butyl Ether	5.17	73	6144	0.035	ppbv	#	51
29) Chloroform	5.91	83	917466	4.728	ppbv		99
30) Cyclohexane	7.31	84	561812	5.570	ppbv		98
31) cis-1,2-Dichloroethene	5.81	61	914725	7.061	ppbv	#	27
34) 2-Butanone	5.38	43	906907	4.121	ppbv		100
35) Carbon Tetrachloride	7.20	117	595324	3.122	ppbv		96
36) Benzene	7.06	78	140521	0.513	ppbv		96
37) 1,2-Dichloroethane	6.47	62	18701	0.112	ppbv	#	88
38) Trichloroethene	8.03	130	3532	0.037	ppbv	#	62
39) 1,2-Dichloropropane	7.36	63	845975	7.387	ppbv	#	24
41) Tetrahydrofuran	6.21	42	29284	0.248	ppbv	#	39
43) Methyl Methacrylate	8.20	69	4828	0.044	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.05	57	133363	0.270	ppbv	#	65
50) 4-Methyl-2-Pentanone	8.94	43	99715	0.314	ppbv		97
51) 2-Hexanone	10.31	43	163055	0.731	ppbv	#	40
52) Tetrachloroethene	11.44	164	40674	0.503	ppbv		89
53) Toluene	10.01	91	1718163	5.717	ppbv		100
58) Ethyl Benzene	12.93	91	563267	1.502	ppbv		98
59) m/p-Xylene	13.19	91	1585899	4.978	ppbv		99
60) o-Xylene	13.92	91	781324	2.495	ppbv		100
61) Styrene	13.75	104	130482	0.596	ppbv		98
62) Isopropylbenzene	14.89	105	72583	0.163	ppbv		96

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

Quantitation Report (Not Reviewed)

Data File : VL032373.D
Acq On : 16 Aug 2018 5:57
Operator : SY/AP
Sample : J4457-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG04-MIVI

Quant Time: Aug 16 08:05:41 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)
64) n-propylbenzene	15.79	120	6064	0.053	ppbv	#	1
65) tert-Butylbenzene	16.99	119	51172	0.134	ppbv	#	20
69) p-Isopropyltoluene	17.88	119	111004	0.256	ppbv		99
70) n-Butylbenzene	18.78	91	26270	0.055	ppbv	#	61
71) 2-Chlorotoluene	15.79	91	195036	0.565	ppbv	#	46
72) 4-Ethyltoluene	16.06	105	208801	0.598	ppbv		97
73) 1,3,5-Trimethylbenzene	16.22	105	257611	0.767	ppbv		96
74) 1,2,4-Trimethylbenzene	16.99	105	320854	0.898	ppbv	#	71
79) Naphthalene	22.49	128	84421	0.572	ppbv		96
80) Naphthalene,2-methyl-	25.17	142	9293	0.130	ppbv	#	69

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

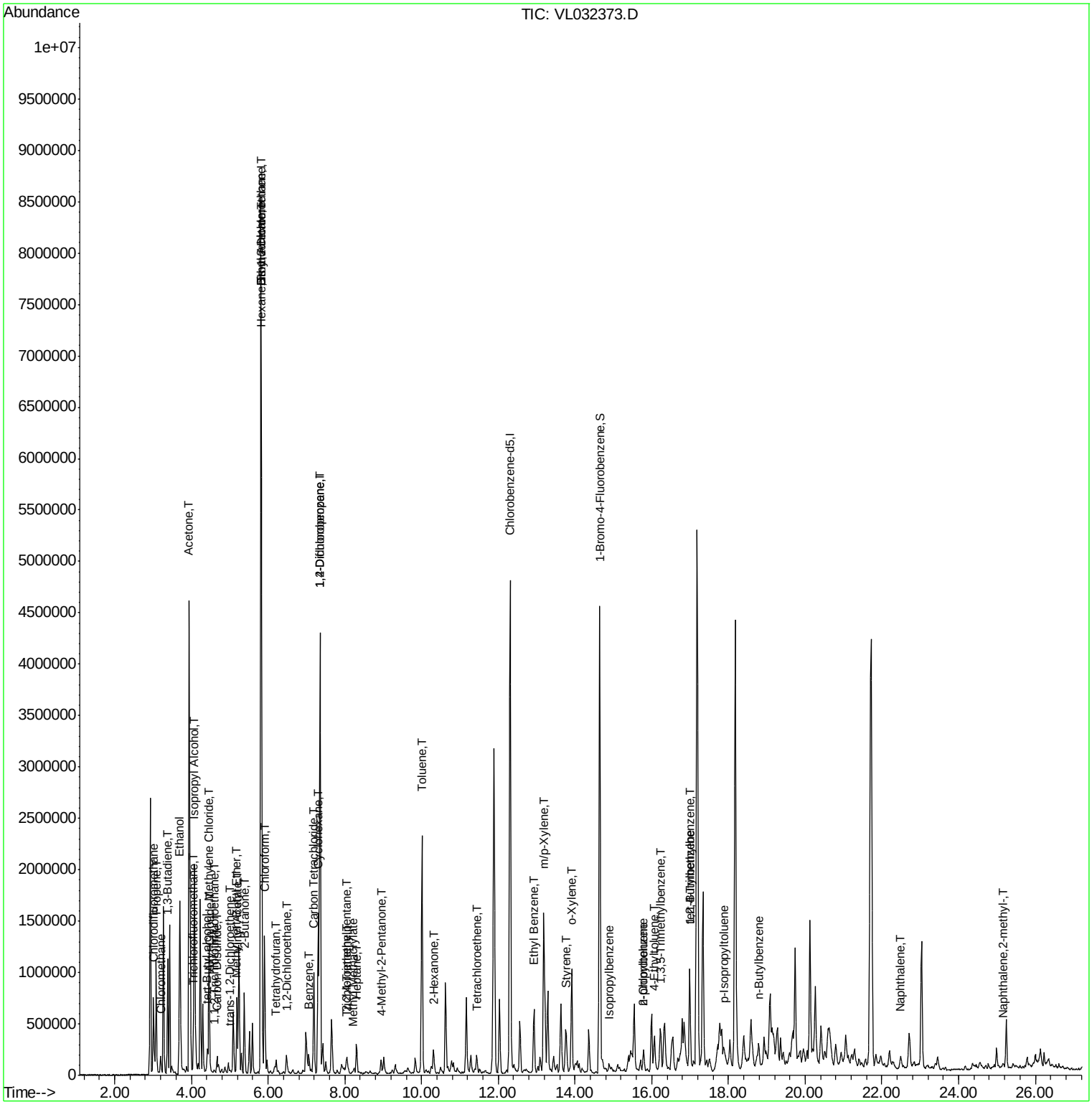
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

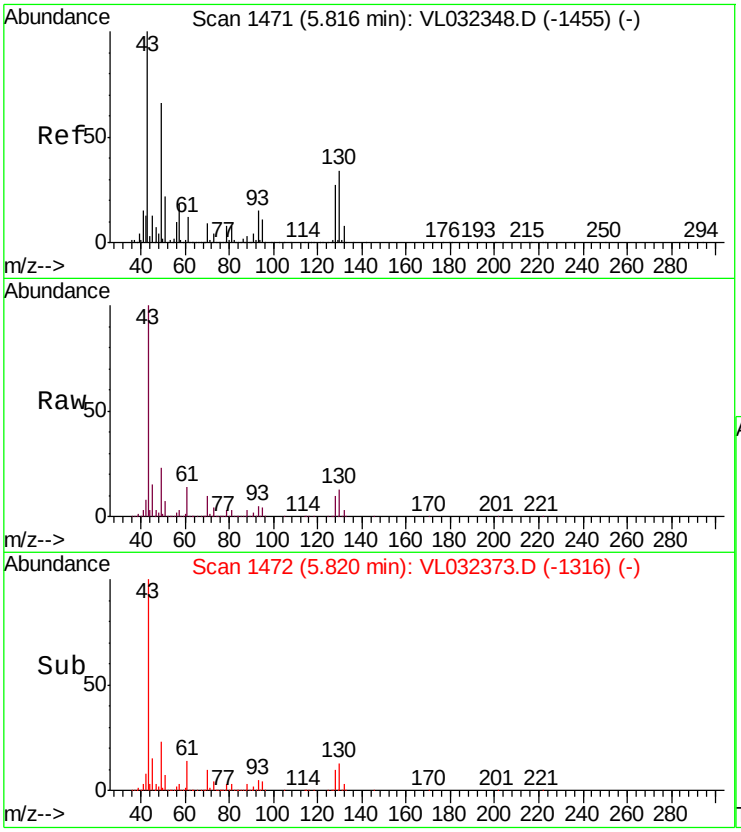
Quantitation Report (Not Reviewed)

Data File : VL032373.D
Acq On : 16 Aug 2018 5:57
Operator : SY/AP
Sample : J4457-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG04-MIVI

Quant Time: Aug 16 08:05:41 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



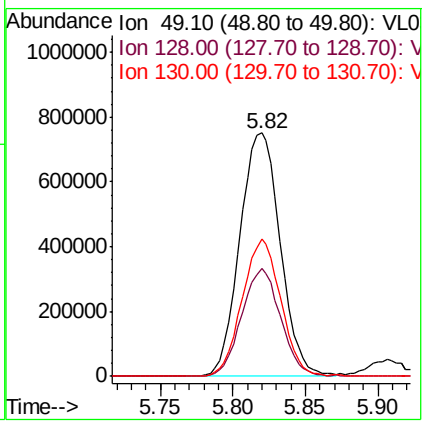


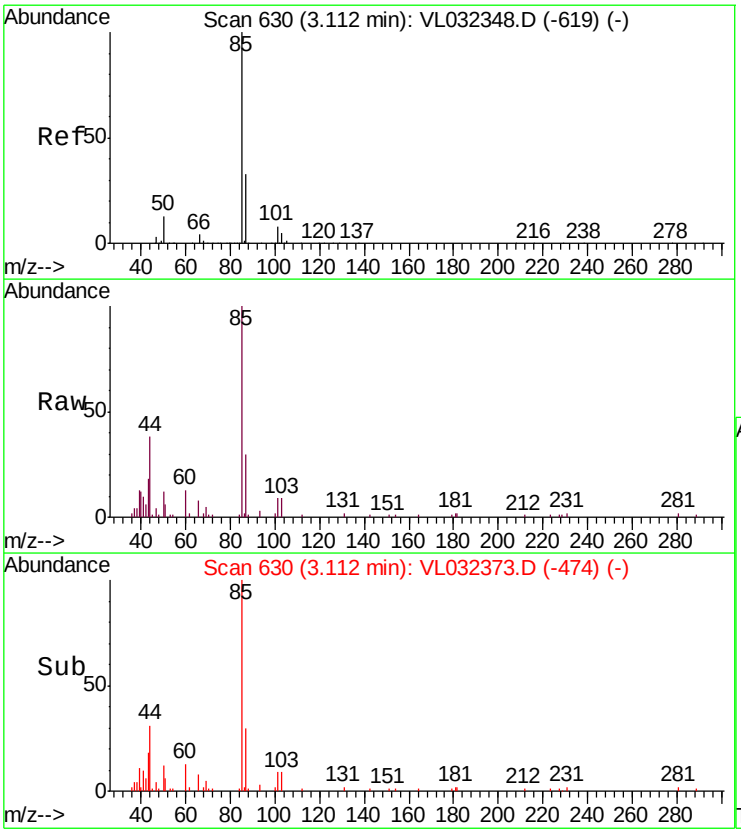
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 49 Resp: 1458853

Ion	Ratio	Lower	Upper
49	100		
128	42.8	20.5	61.6
130	54.2	26.2	78.5

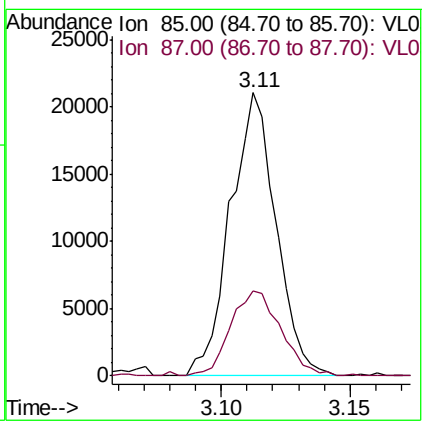


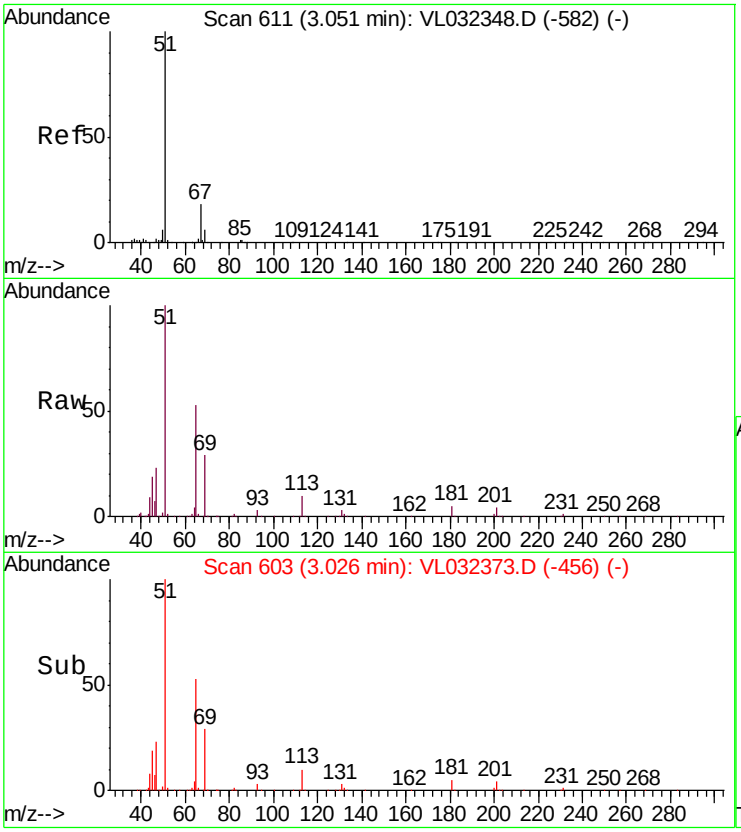


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 3.11 min Scan# 630
Delta R.T. 0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 85 Resp: 25890

Ion	Ratio	Lower	Upper
85	100		
87	30.1	26.3	39.5



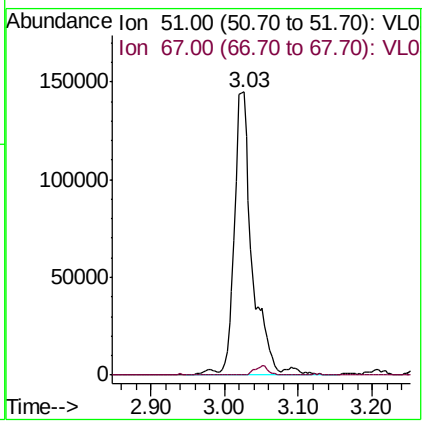


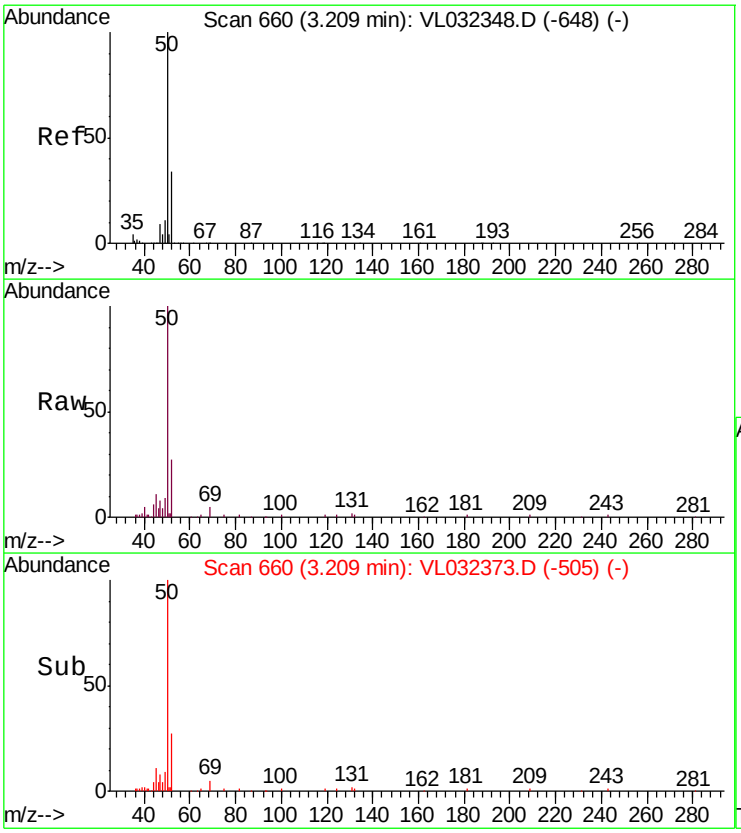
#3
Chlorodifluoromethane
Concen: 1.829 ppbv
RT: 3.03 min Scan# 603
Delta R.T. -0.03 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 51 Resp: 247143

Ion	Ratio	Lower	Upper
51	100		
67	2.6	13.7	20.5#

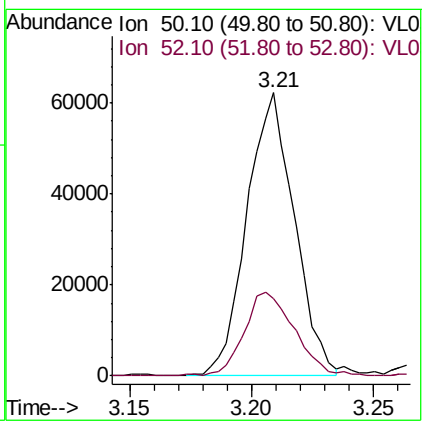


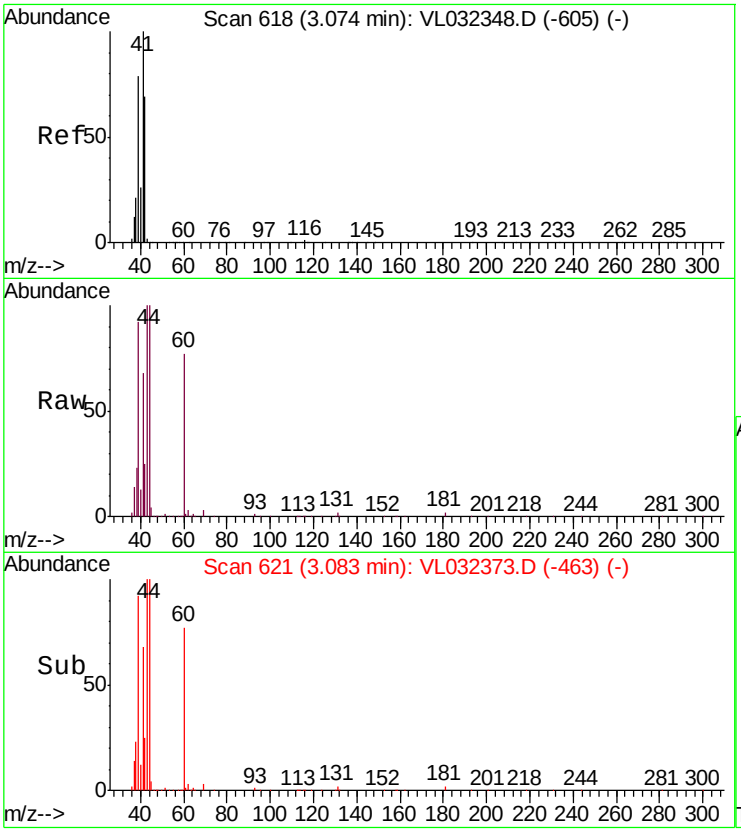


#4
Chloromethane
Concen: 1.046 ppbv
RT: 3.21 min Scan# 660
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 50 Resp: 84162

Ion	Ratio	Lower	Upper
50	100		
52	26.7	26.8	40.2#



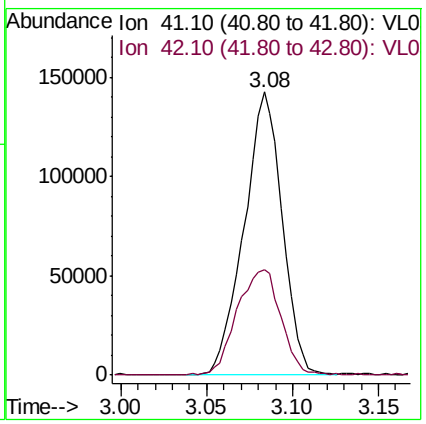


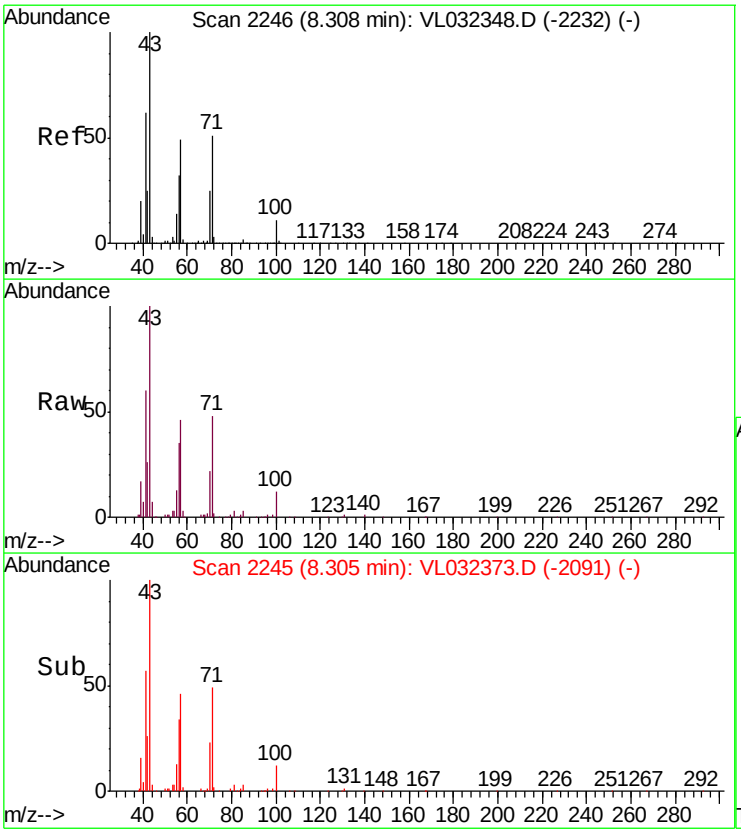
#9
Propene
Concen: 3.792 ppbv
RT: 3.08 min Scan# 621
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 41 Resp: 219298

Ion	Ratio	Lower	Upper
41	100		
42	42.9	55.9	83.9#

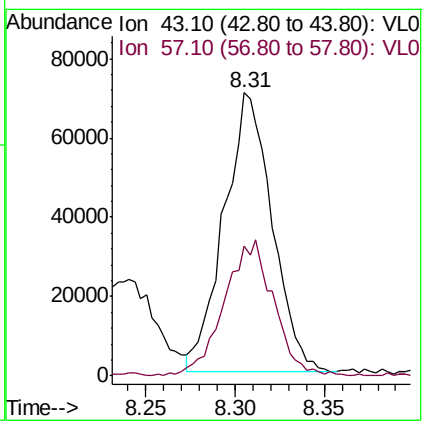


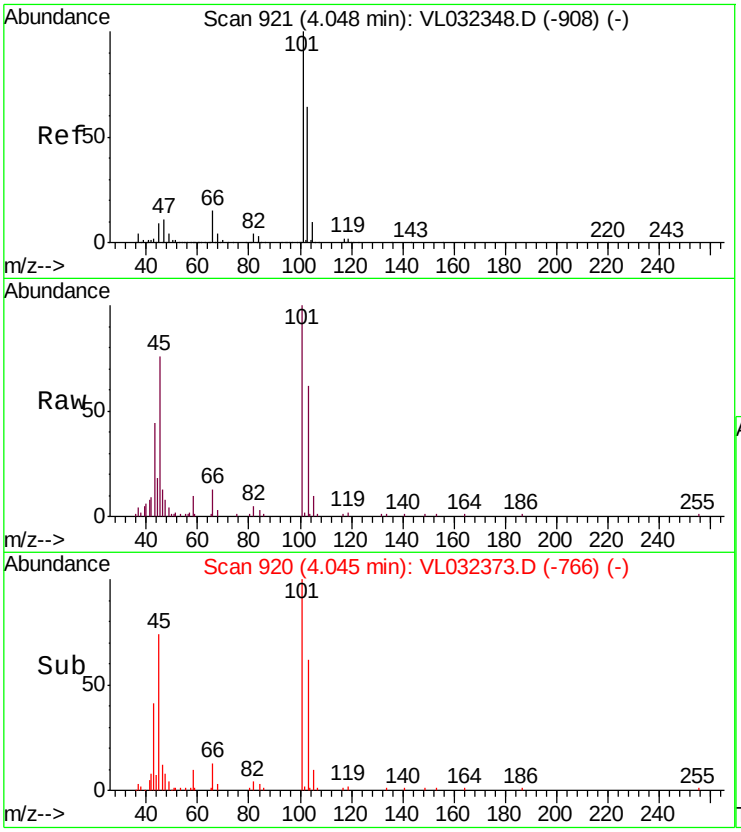


#10
Heptane
Concen: 0.761 ppbv
RT: 8.31 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 43 Resp: 132616

Ion	Ratio	Lower	Upper
43	100		
57	49.9	39.5	59.3



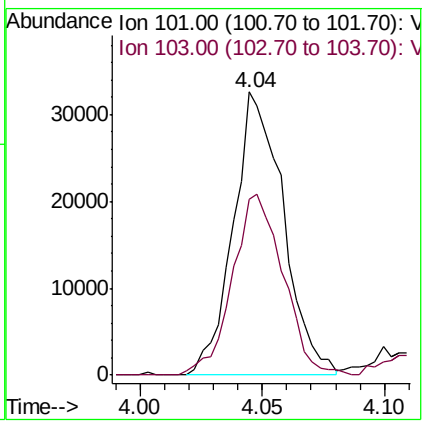


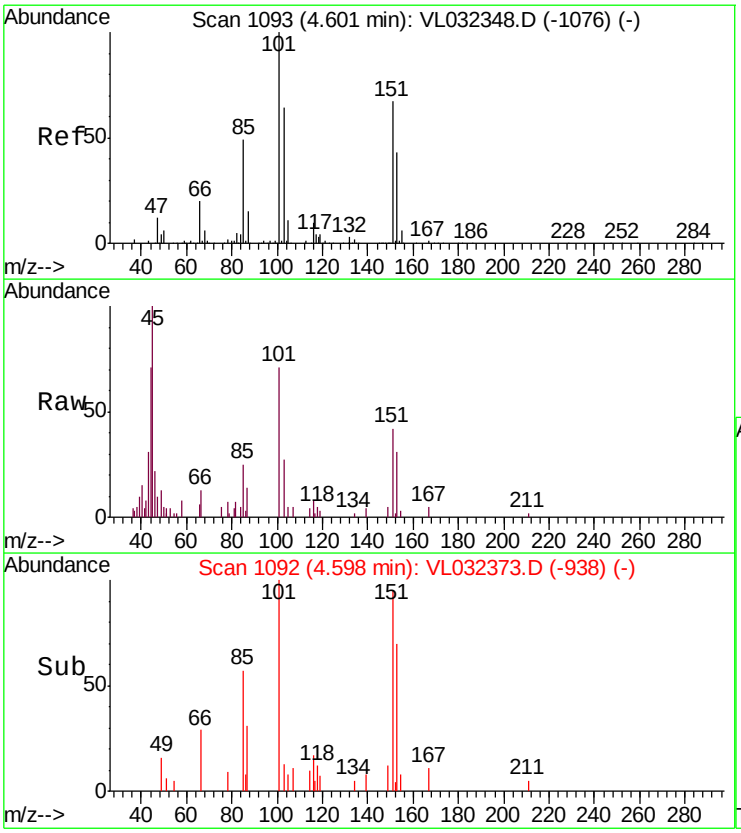
#11
Trichlorofluoromethane
Concen: 0.284 ppbv
RT: 4.04 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:101 Resp: 46387

Ion	Ratio	Lower	Upper
101	100		
103	60.7	51.4	77.0

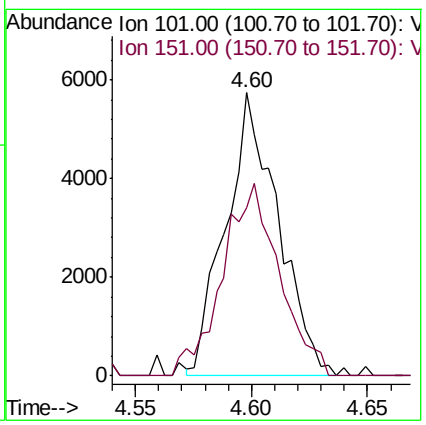


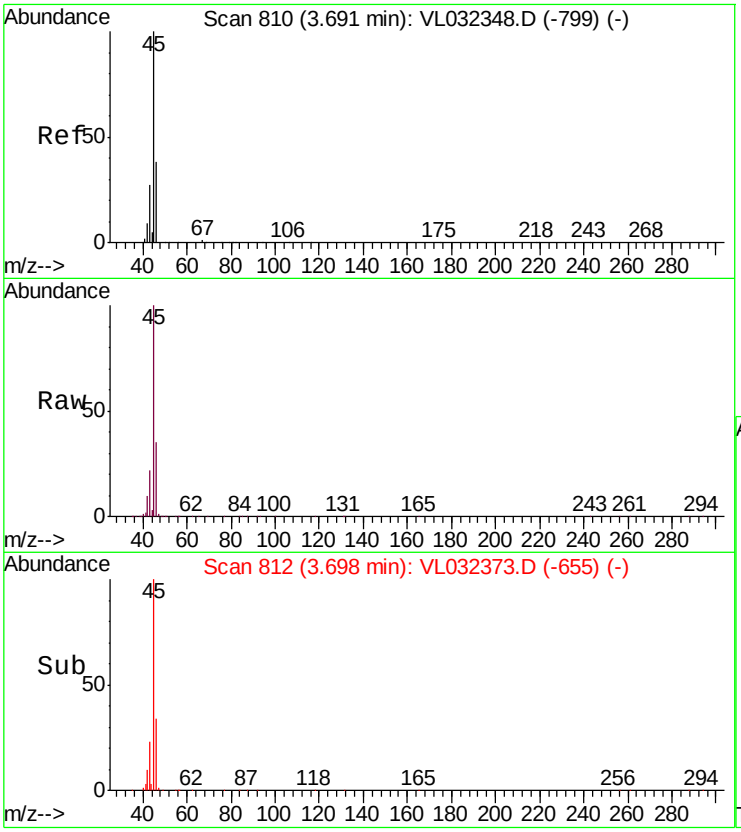


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.082 ppbv
RT: 4.60 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion:101 Resp: 9037

Ion	Ratio	Lower	Upper
101	100		
151	73.6	53.1	79.7



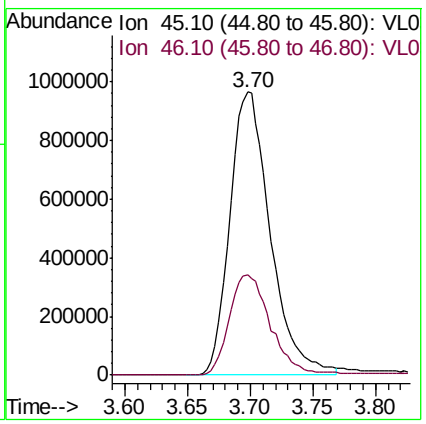


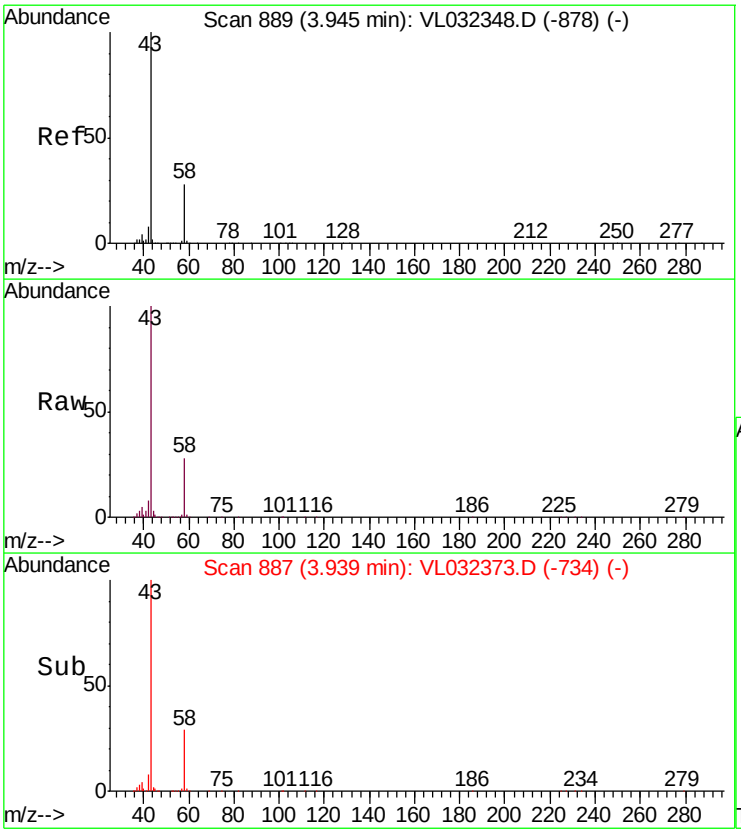
#13
Ethanol
Concen: 145.684 ppbv
RT: 3.70 min Scan# 812
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 45 Resp: 2164074

Ion	Ratio	Lower	Upper
45	100		
46	37.1	15.6	62.4

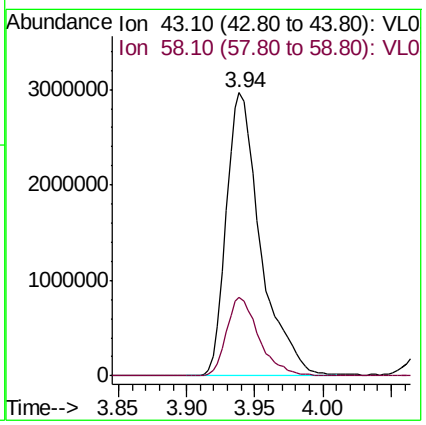


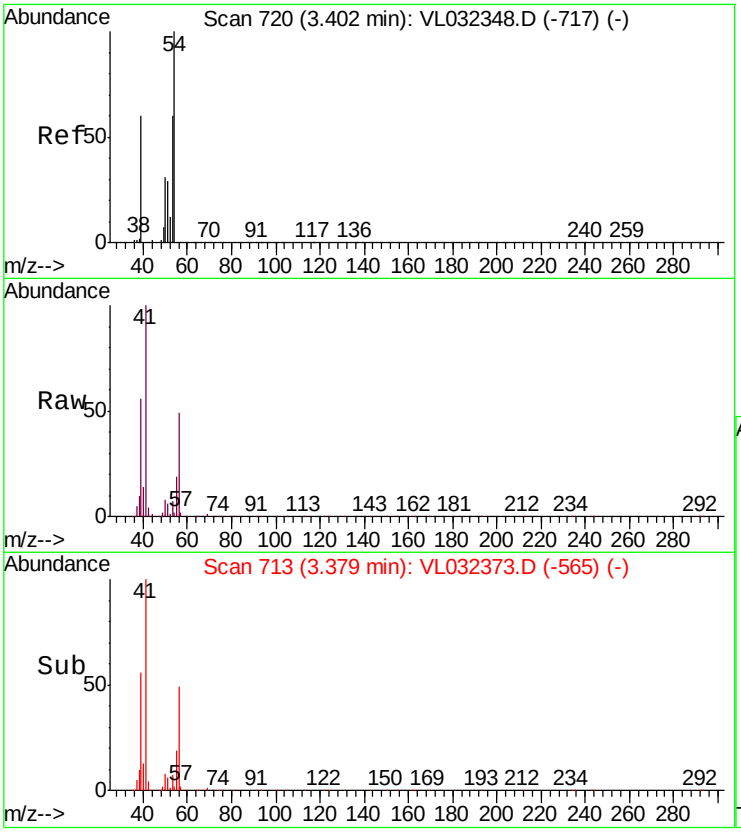


#15
Acetone
Concen: 37.359 ppbv
RT: 3.94 min Scan# 887
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 43 Resp: 5178177

Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.4	33.6



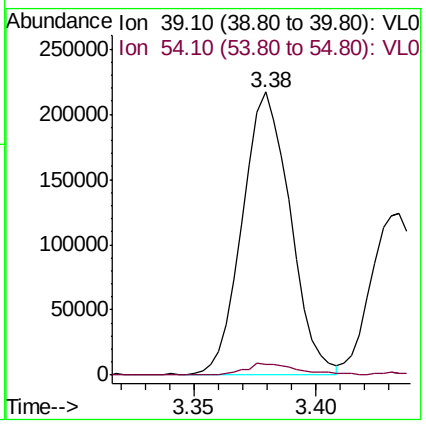


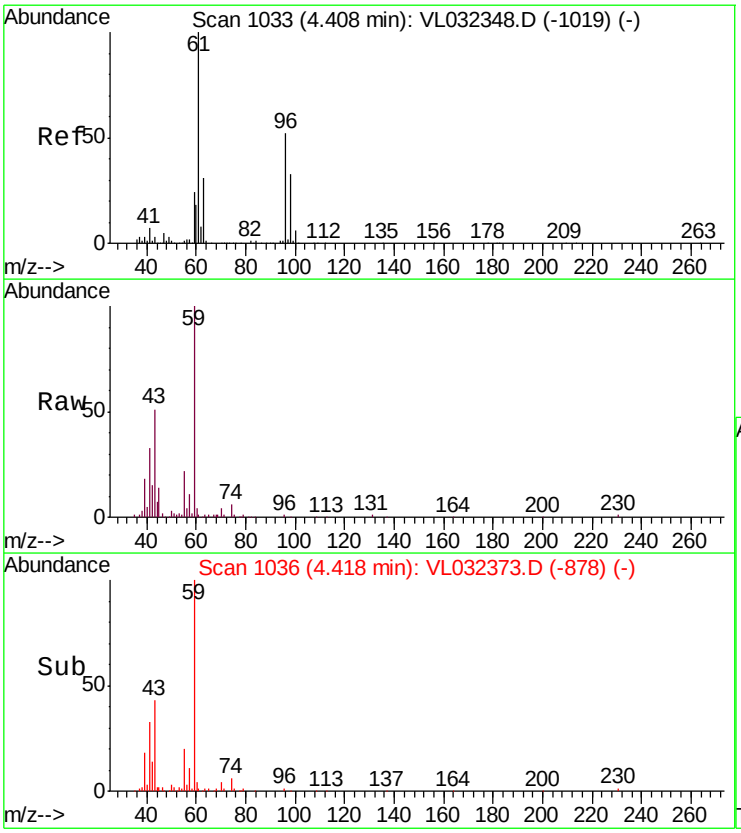
#16
1,3-Butadiene
Concen: 5.142 ppbv
RT: 3.38 min Scan# 713
Delta R.T. -0.02 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 39 Resp: 294274

Ion	Ratio	Lower	Upper
39	100		
54	5.6	85.5	128.3#

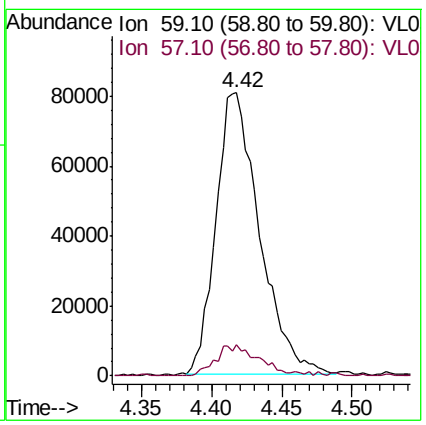


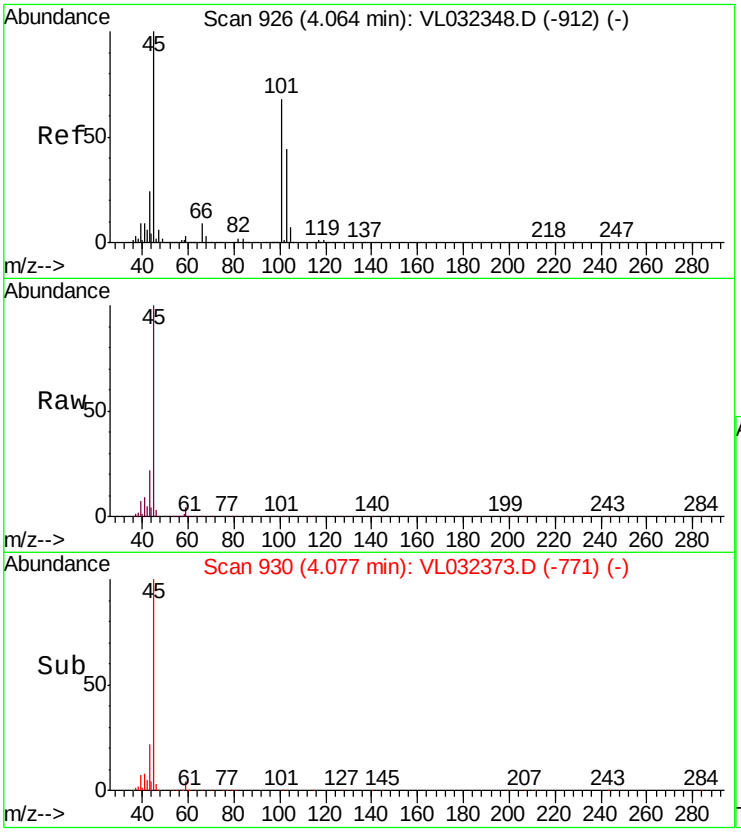


#17
tert-Butyl alcohol
Concen: 7.419 ppbv
RT: 4.42 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 59 Resp: 172551

Ion	Ratio	Lower	Upper
59	100		
57	12.1	7.6	11.4#



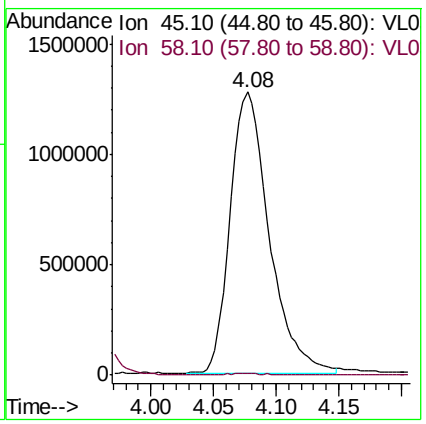


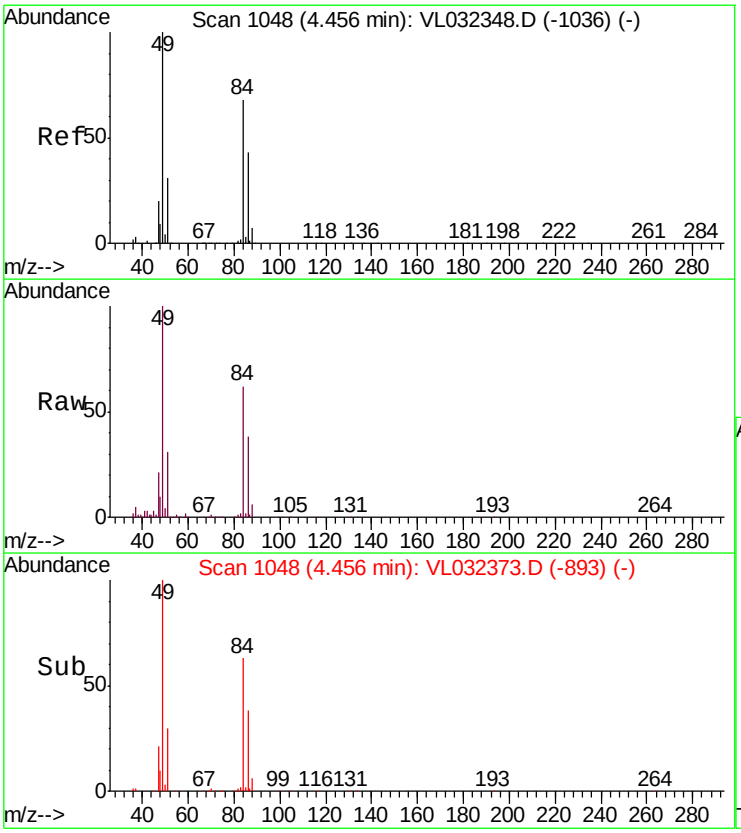
#19
Isopropyl Alcohol
Concen: 29.423 ppbv
RT: 4.08 min Scan# 930
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 45 Resp: 2746209

Ion	Ratio	Lower	Upper
45	100		
58	49.7	1.4	2.0#

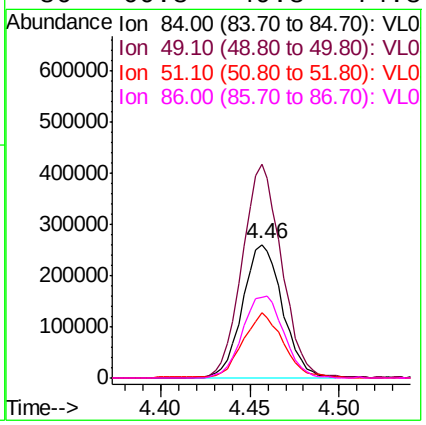


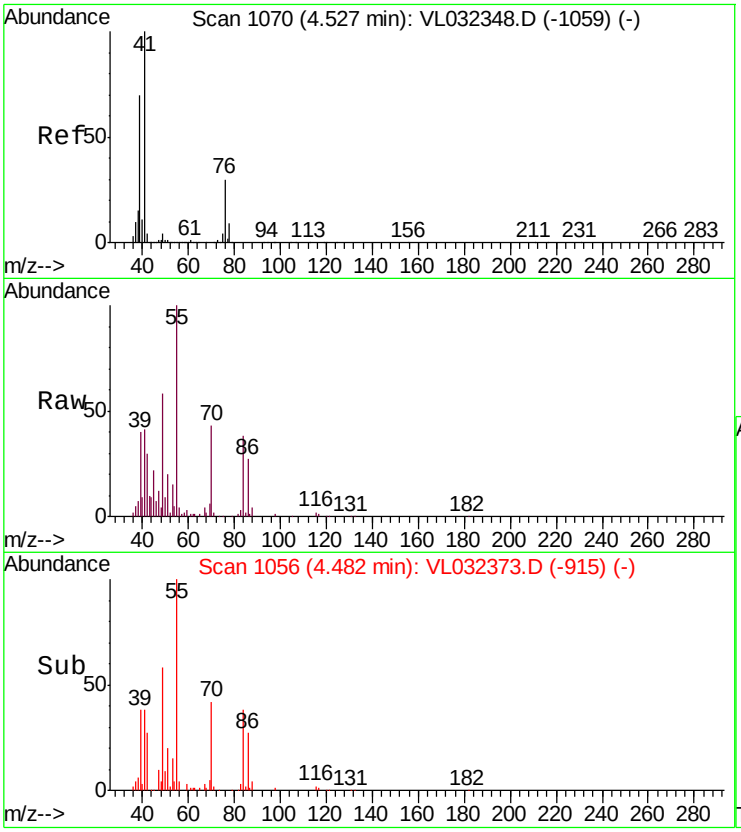


#20
Methylene Chloride
Concen: 7.815 ppbv
RT: 4.46 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 84 Resp: 409093

Ion	Ratio	Lower	Upper
84	100		
49	160.0	117.3	175.9
51	48.2	36.6	55.0
86	60.8	49.8	74.8



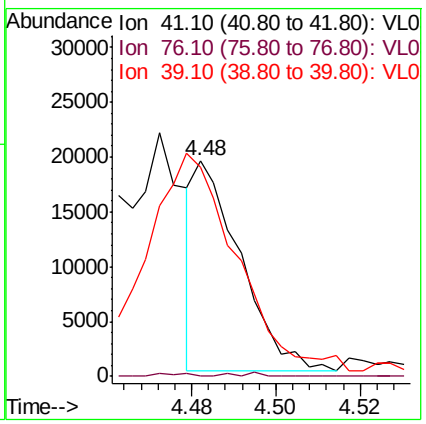


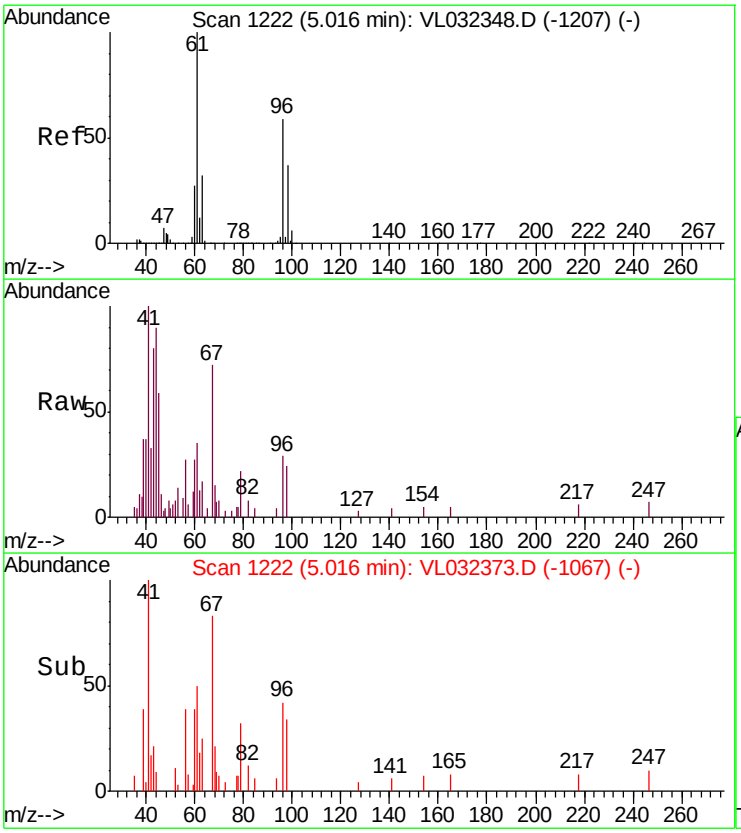
#21
Allyl Chloride
Concen: 0.164 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. -0.05 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument : MSVOA_L
ClientSampleId : SG04-MIVI

Tgt Ion: 41 Resp: 14388

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	203.1	57.6	86.4#

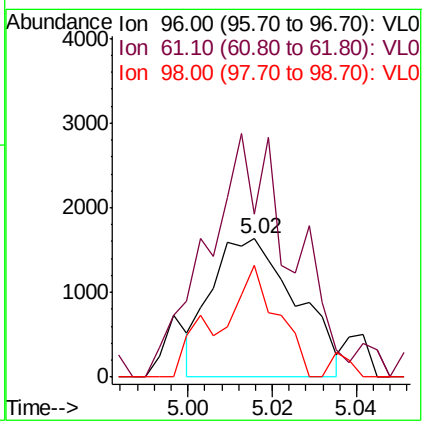


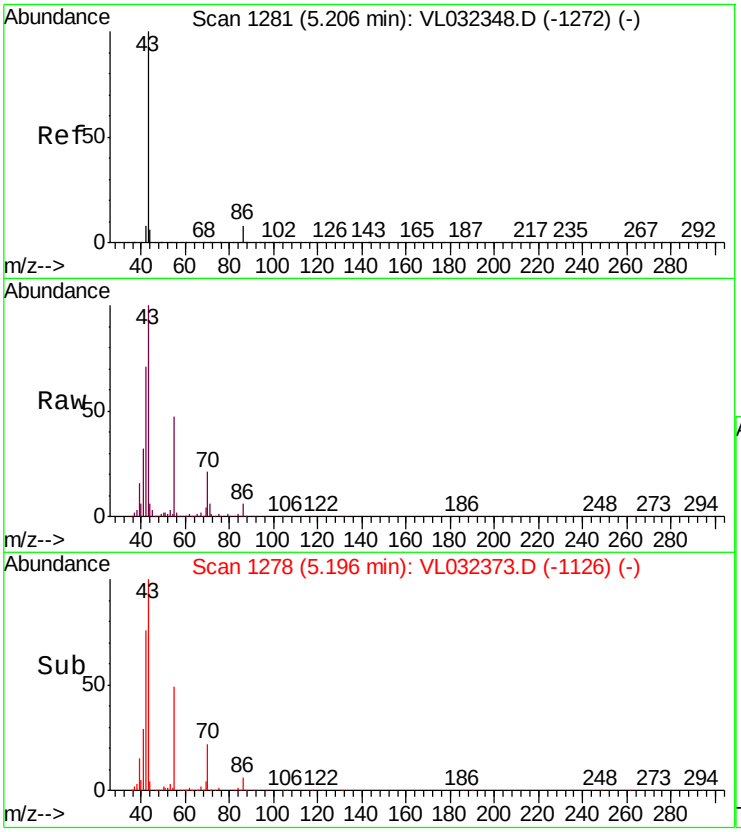


#22
trans-1,2-Dichloroethene
Concen: 0.044 ppbv
RT: 5.02 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 96 Resp: 2287

Ion	Ratio	Lower	Upper
96	100		
61	116.7	136.6	205.0#
98	74.7	50.6	76.0



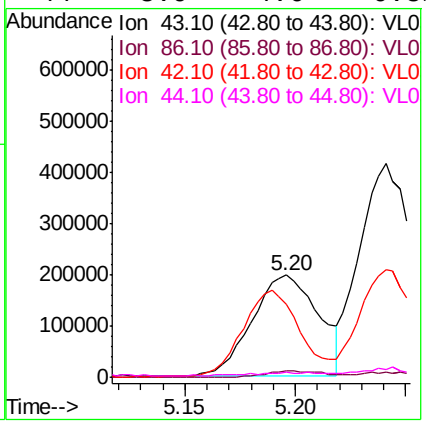


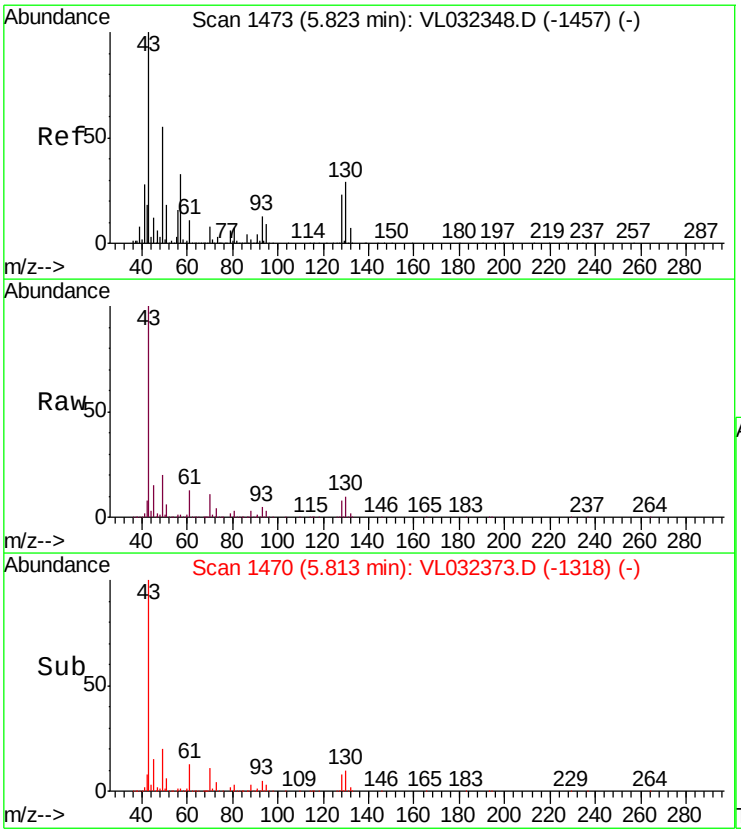
#23
Vinyl Acetate
Concen: 1.721 ppbv
RT: 5.20 min Scan# 1278
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 43 Resp: 411858

Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.5	8.3
42	70.7	7.0	10.6#
44	3.9	4.6	6.8#

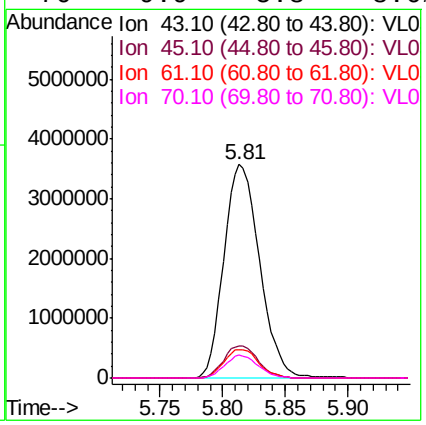


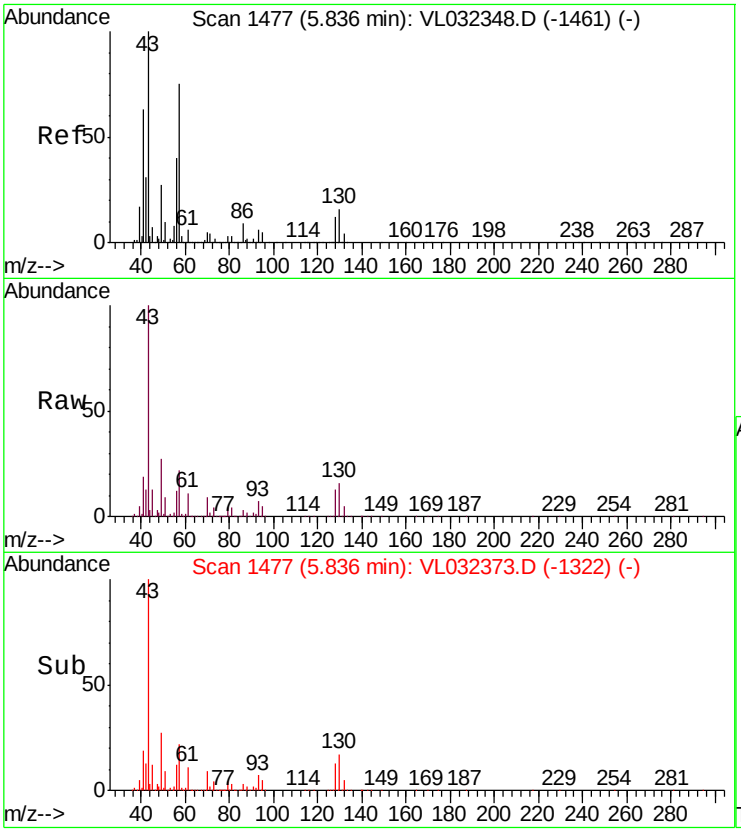


#25
Ethyl Acetate
Concen: 23.739 ppbv
RT: 5.81 min Scan# 1470
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 43 Resp: 7051494

Ion	Ratio	Lower	Upper
43	100		
45	14.8	7.9	11.9#
61	13.1	7.4	11.2#
70	9.9	5.8	8.6#



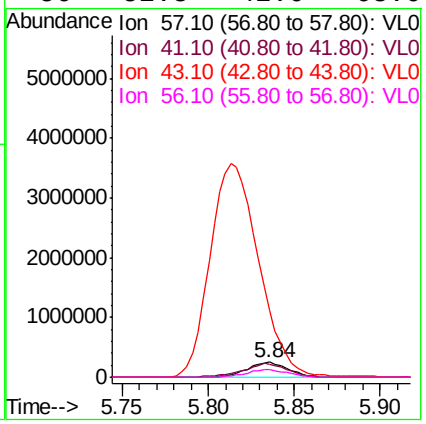


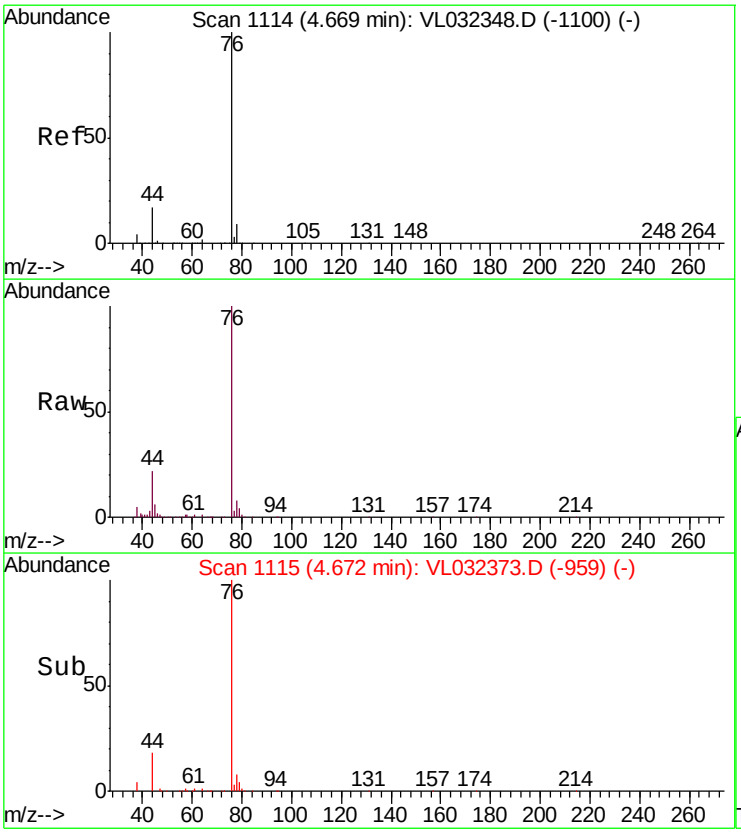
#26
Hexane
Concen: 3.105 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 57 Resp: 411179

Ion	Ratio	Lower	Upper
57	100		
41	101.0	68.0	102.0
43	1723.7	175.3	262.9#
56	52.8	42.0	63.0

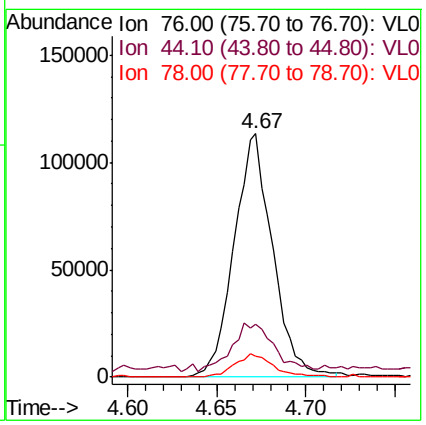


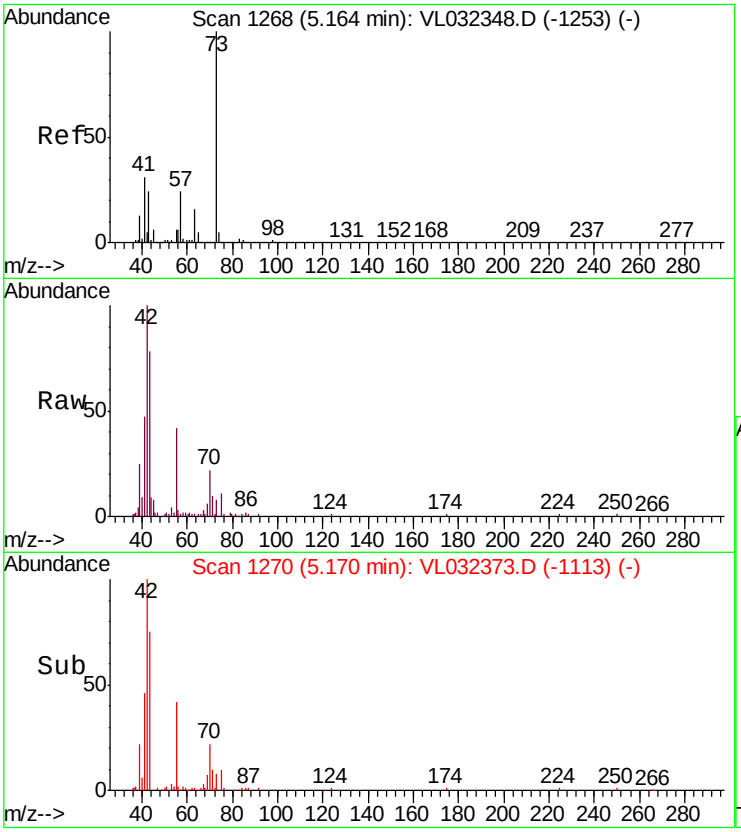


#27
Carbon Disulfide
Concen: 1.375 ppbv
RT: 4.67 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 76 Resp: 169983

Ion	Ratio	Lower	Upper
76	100		
44	25.0	14.4	21.6#
78	10.0	7.4	11.0



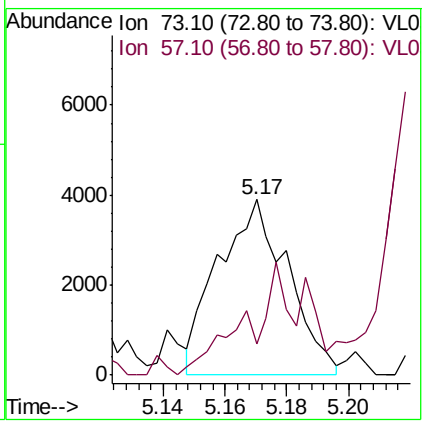


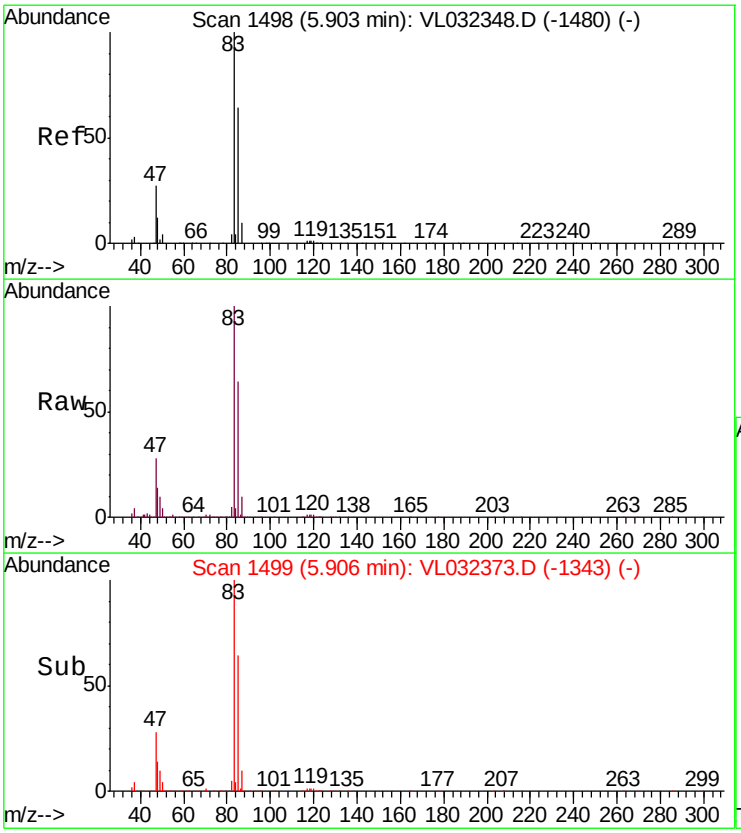
#28
Methyl tert-Butyl Ether
Concen: 0.035 ppbv
RT: 5.17 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 73 Resp: 6144

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.3	28.9#

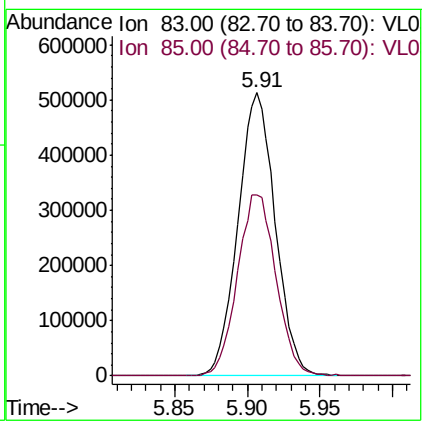


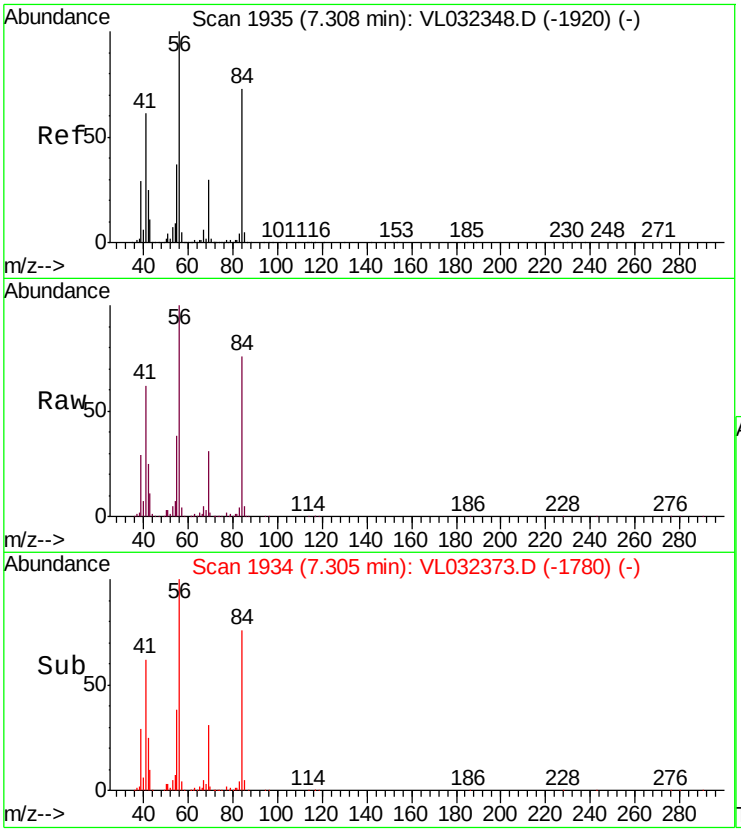


#29
Chloroform
Concen: 4.728 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 83 Resp: 917466

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4



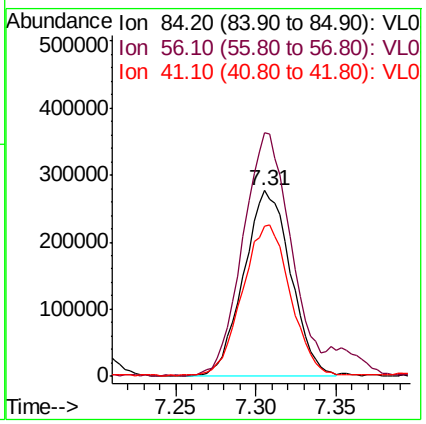


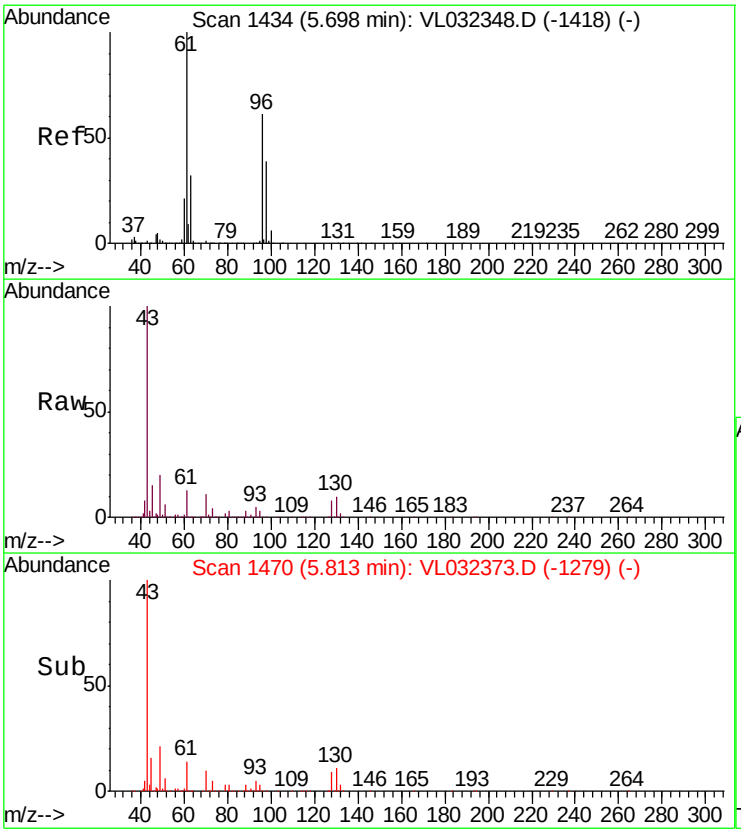
#30
Cyclohexane
Concen: 5.570 ppbv
RT: 7.31 min Scan# 1934
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 84 Resp: 561812

Ion	Ratio	Lower	Upper
84	100		
56	143.7	115.7	173.5
41	81.7	67.9	101.9

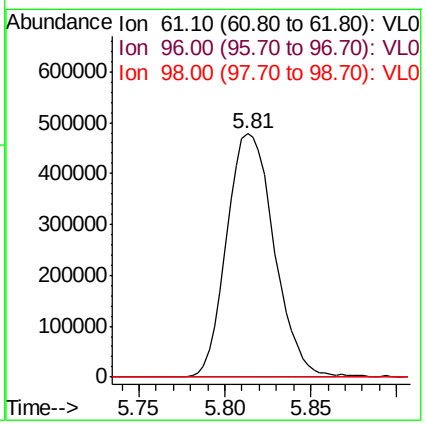


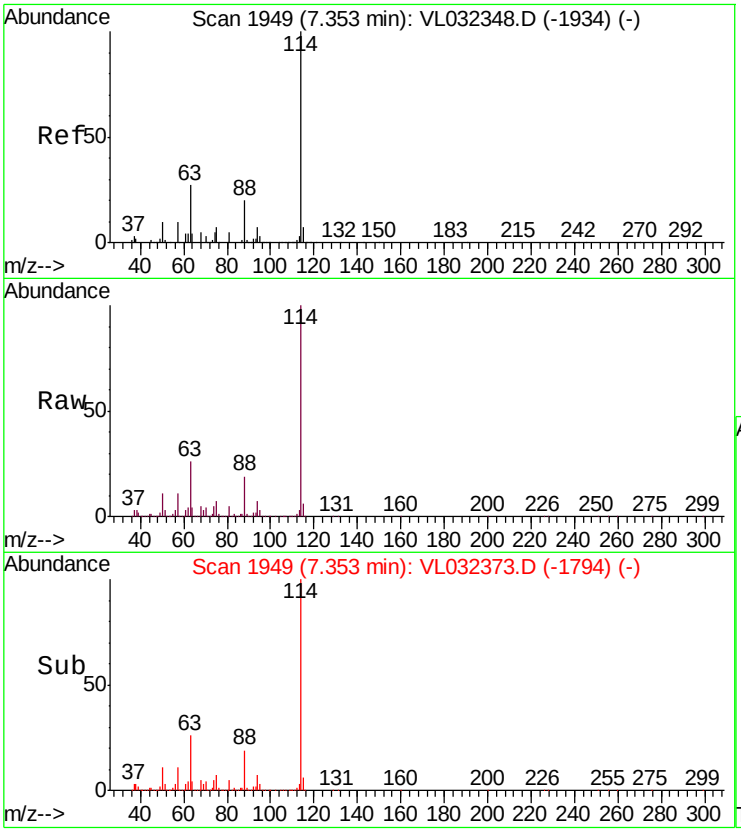


#31
cis-1,2-Dichloroethene
Concen: 7.061 ppbv
RT: 5.81 min Scan# 1470
Delta R.T. 0.12 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 61 Resp: 914725

Ion	Ratio	Lower	Upper
61	100		
96	0.2	48.5	72.7#
98	0.0	31.0	46.4#



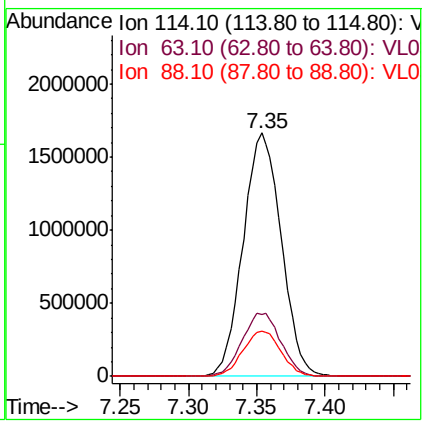


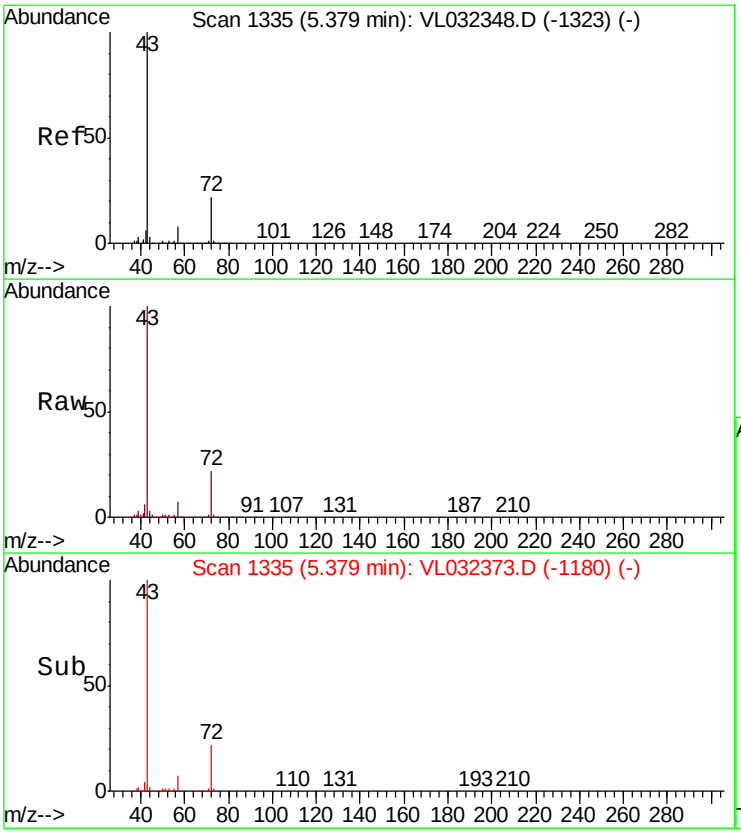
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:114 Resp: 3233601

Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.0	33.0
88	18.6	15.3	22.9

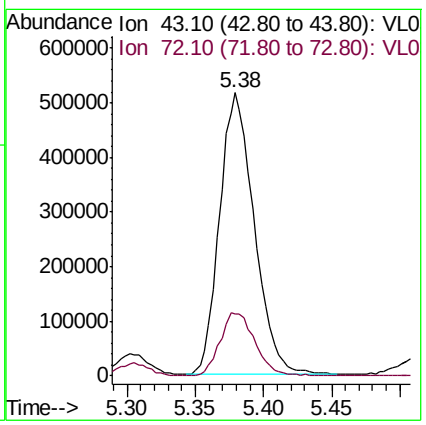


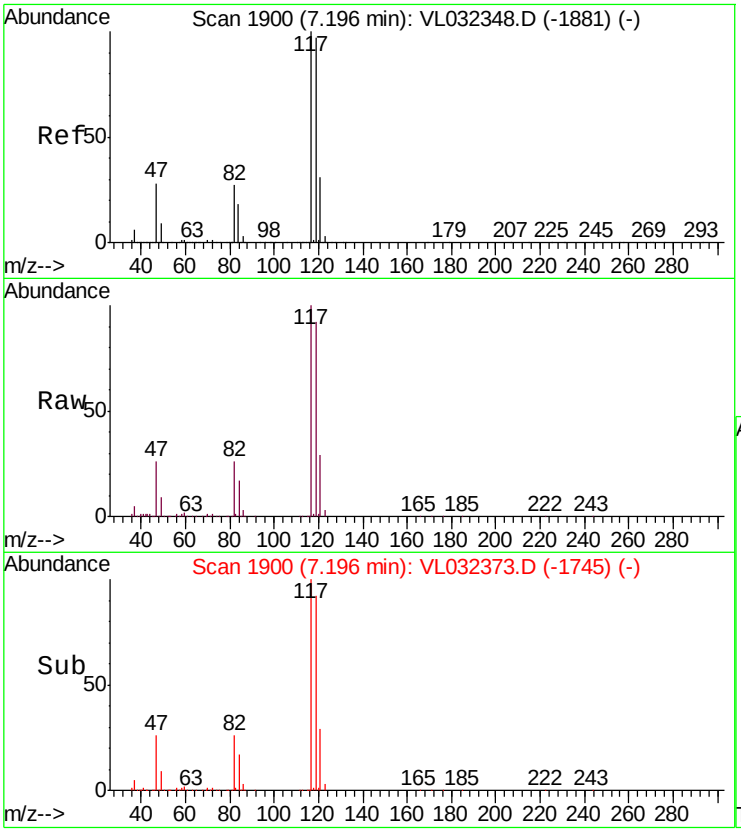


#34
2-Butanone
Concen: 4.121 ppbv
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 43 Resp: 906907

Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.9	26.9



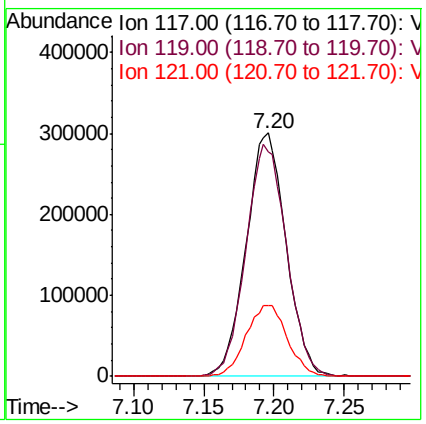


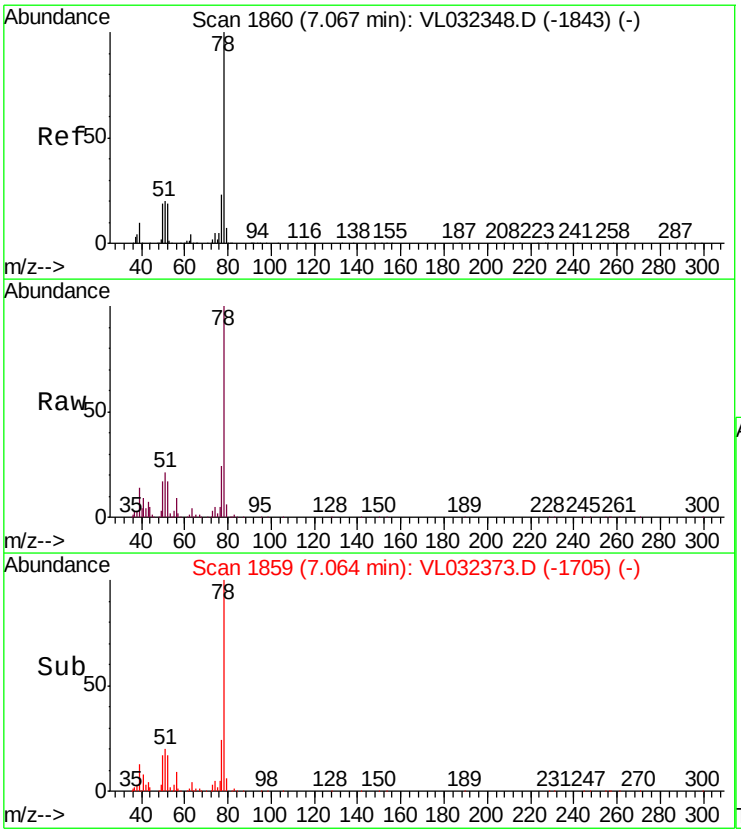
#35
Carbon Tetrachloride
Concen: 3.122 ppbv
RT: 7.20 min Scan# 1900
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:117 Resp: 595324

Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.2	115.8
121	29.3	25.1	37.7

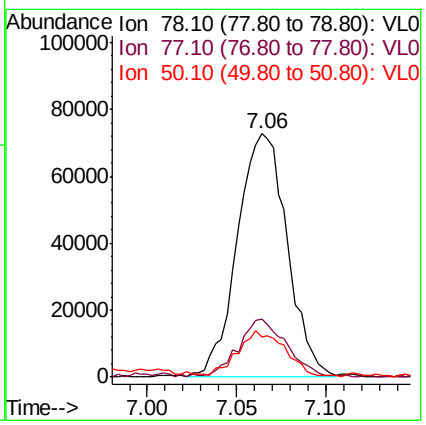


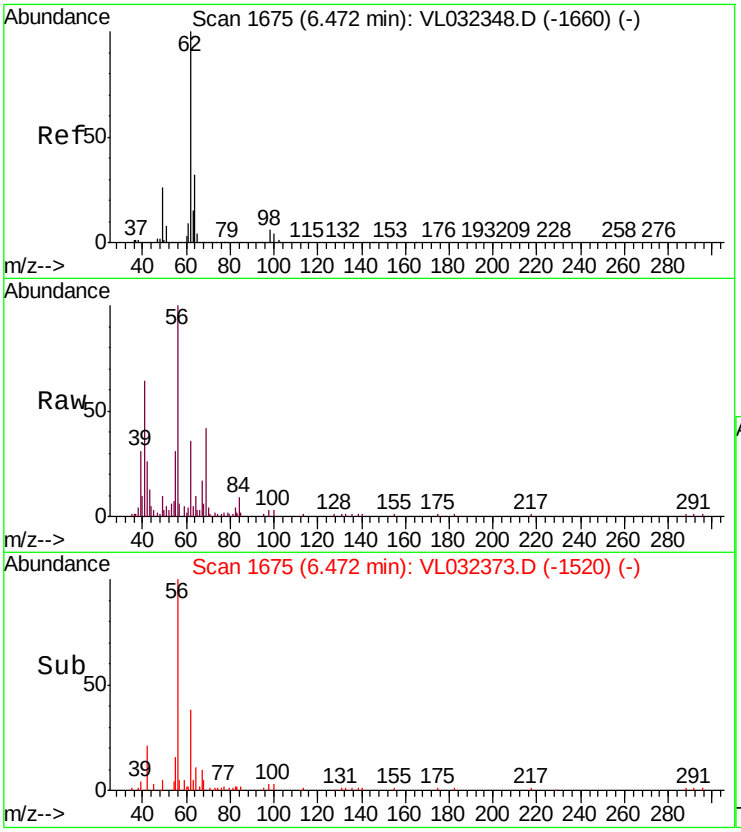


#36
Benzene
Concen: 0.513 ppbv
RT: 7.06 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 78 Resp: 140521

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.0	27.0
50	15.7	15.1	22.7



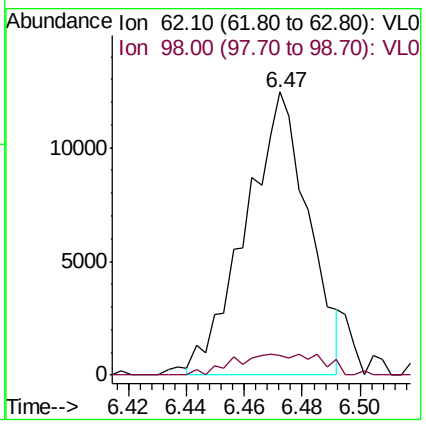


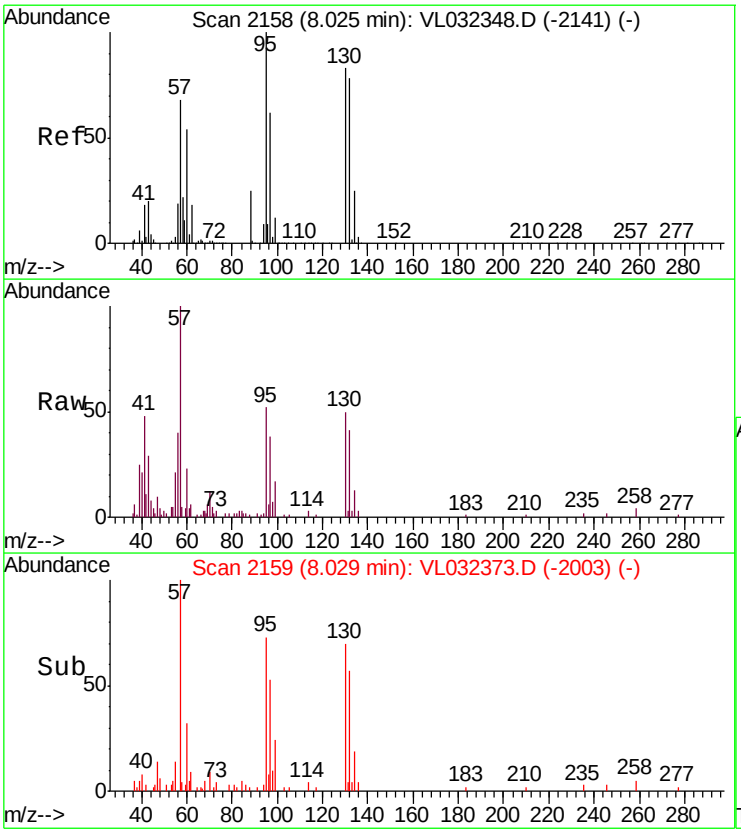
#37
1,2-Dichloroethane
Concen: 0.112 ppbv
RT: 6.47 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 62 Resp: 18701

Ion	Ratio	Lower	Upper
62	100		
98	10.4	5.0	7.6#

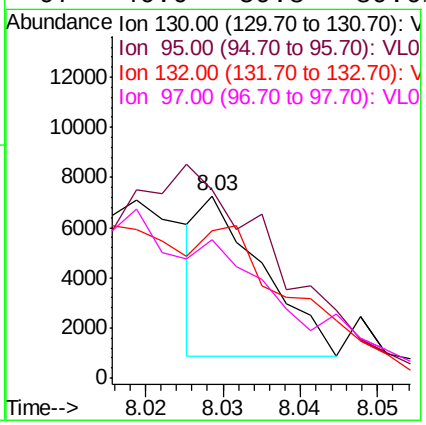


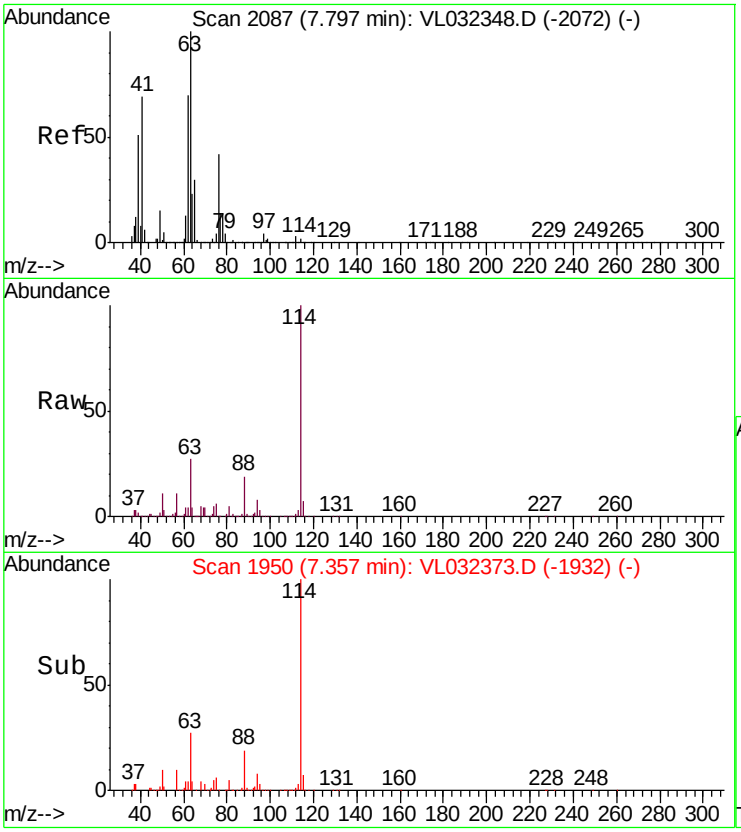


#38
Trichloroethene
Concen: 0.037 ppbv
RT: 8.03 min Scan# 2159
Delta R.T. 0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion:130 Resp: 3532

Ion	Ratio	Lower	Upper
130	100		
95	75.6	96.6	144.8#
132	56.3	75.5	113.3#
97	46.0	59.8	89.6#



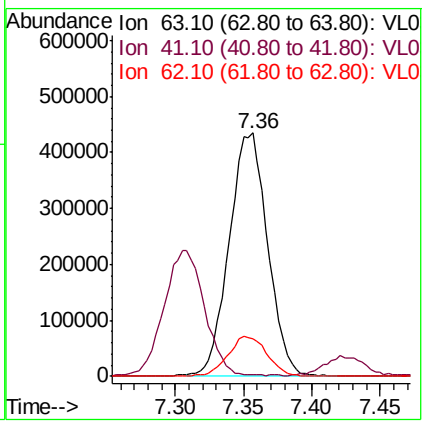


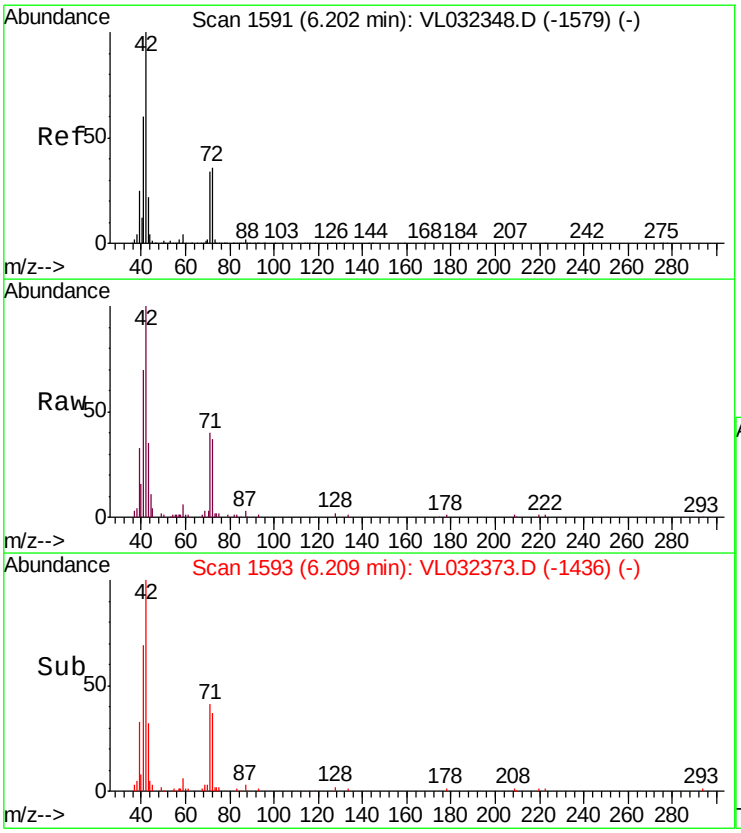
#39
1,2-Dichloropropane
Concen: 7.387 ppbv
RT: 7.36 min Scan# 1950
Delta R.T. -0.44 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument : MSVOA_L
ClientSampleId : SG04-MIVI

Tgt Ion: 63 Resp: 845975

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.5	83.3#
62	15.4	56.3	84.5#

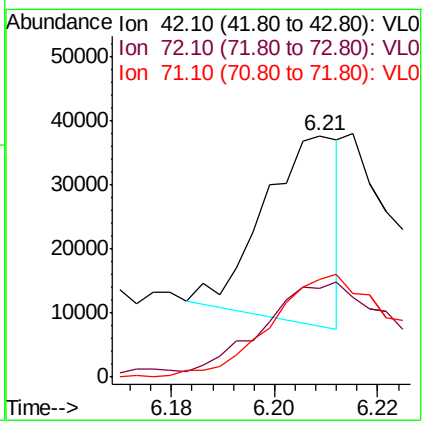


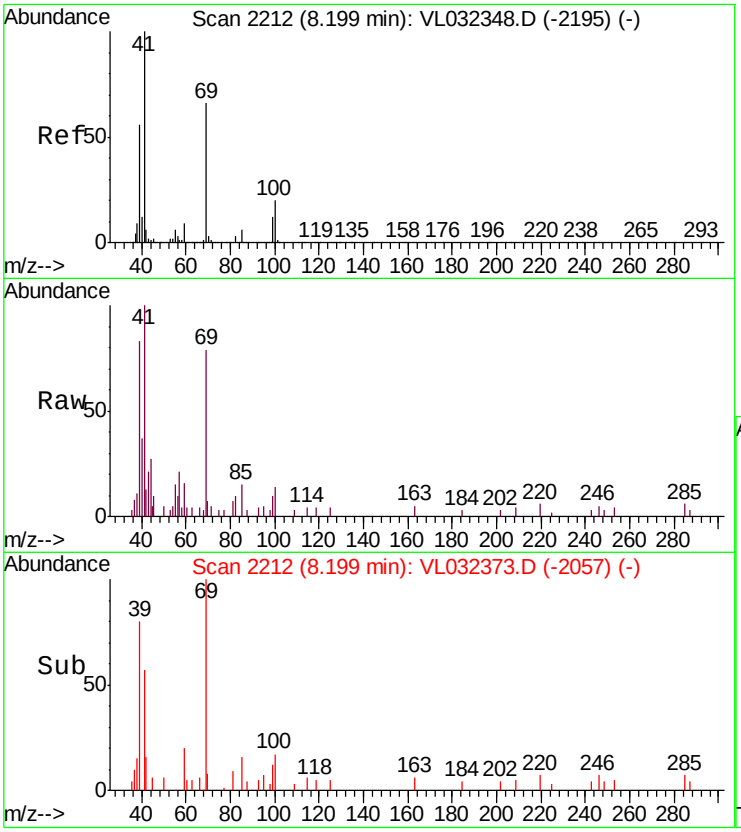


#41
Tetrahydrofuran
Concen: 0.248 ppbv
RT: 6.21 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 42 Resp: 29284

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.8	44.6#
71	0.0	28.2	42.2#



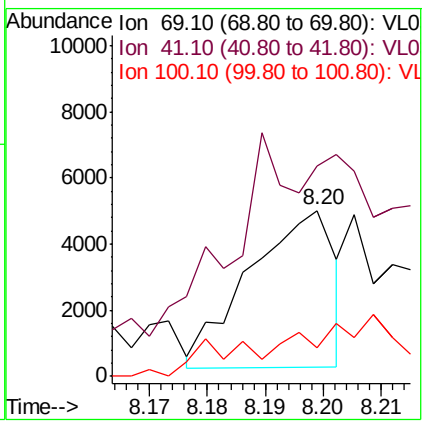


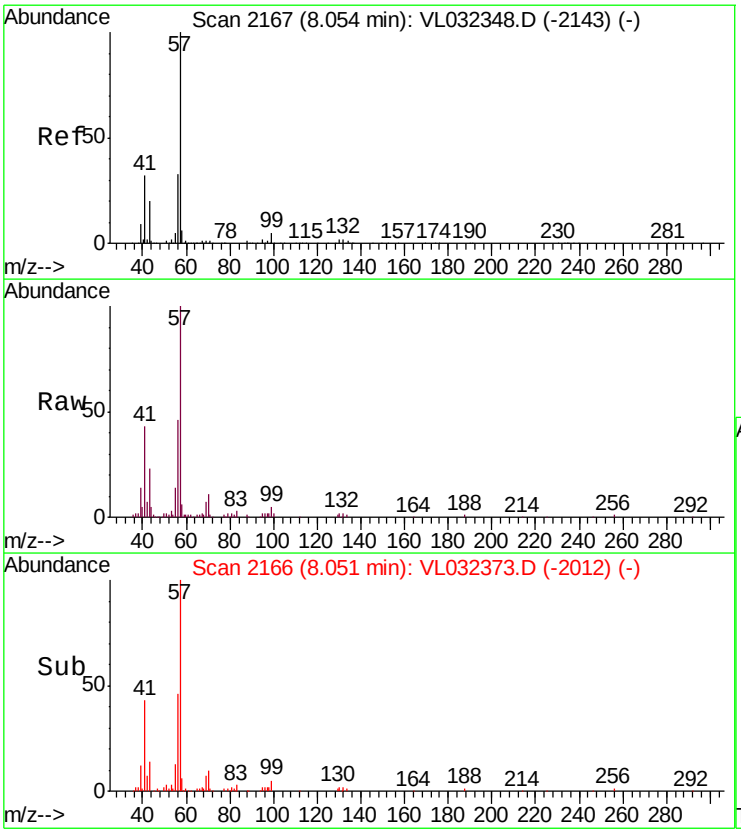
#43
Methyl Methacrylate
Concen: 0.044 ppbv
RT: 8.20 min Scan# 2212
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 69 Resp: 4828

Ion	Ratio	Lower	Upper
69	100		
41	318.2	118.6	177.8#
100	0.0	23.4	35.2#

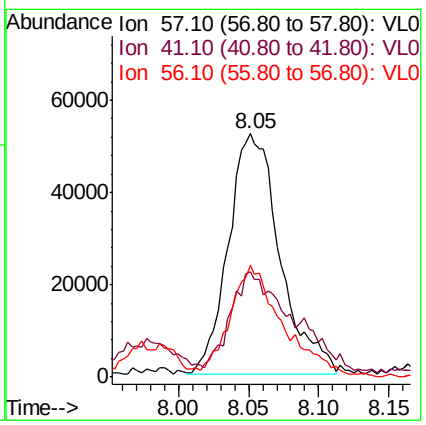


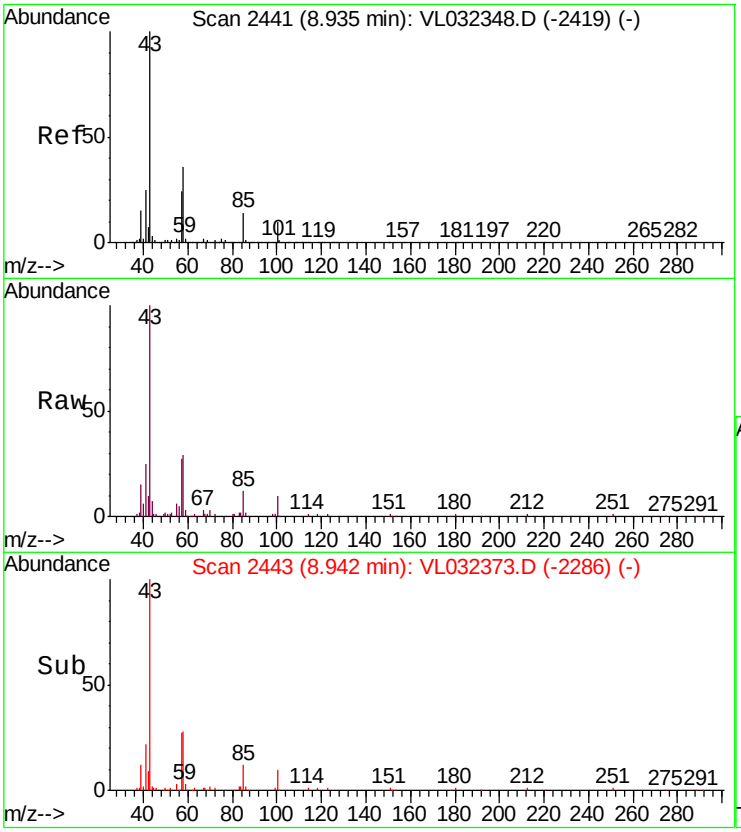


#44
2,2,4-Trimethylpentane
Concen: 0.270 ppbv
RT: 8.05 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 57 Resp: 133363

Ion	Ratio	Lower	Upper
57	100		
41	53.5	24.3	36.5#
56	48.1	25.7	38.5#



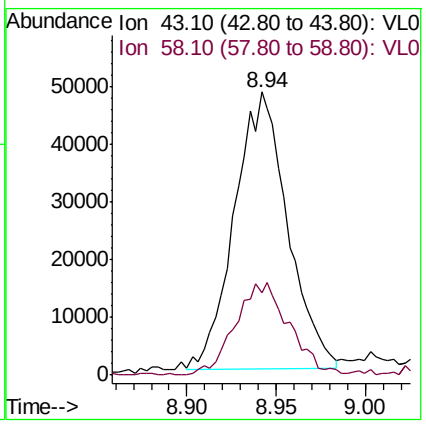


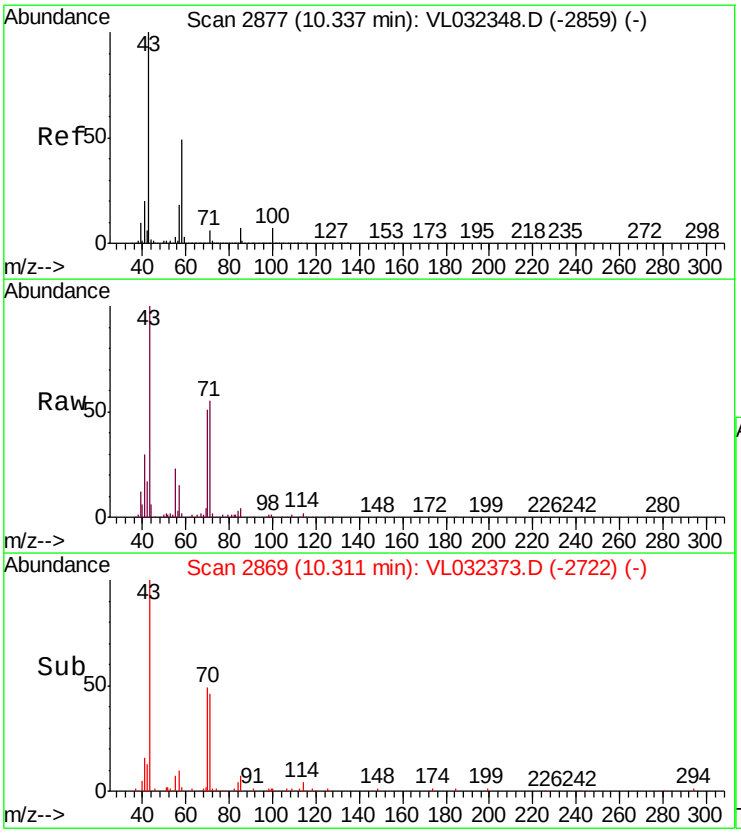
#50
4-Methyl-2-Pentanone
Concen: 0.314 ppbv
RT: 8.94 min Scan# 2443
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 43 Resp: 99715

Ion	Ratio	Lower	Upper
43	100		
58	34.3	28.9	43.3

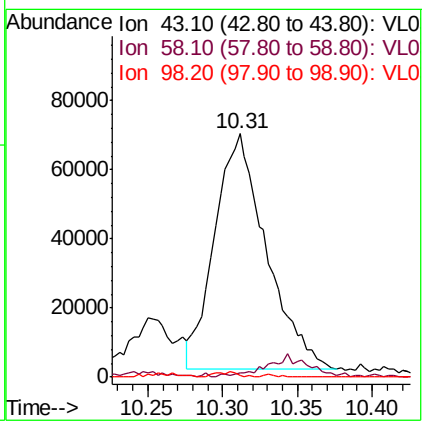


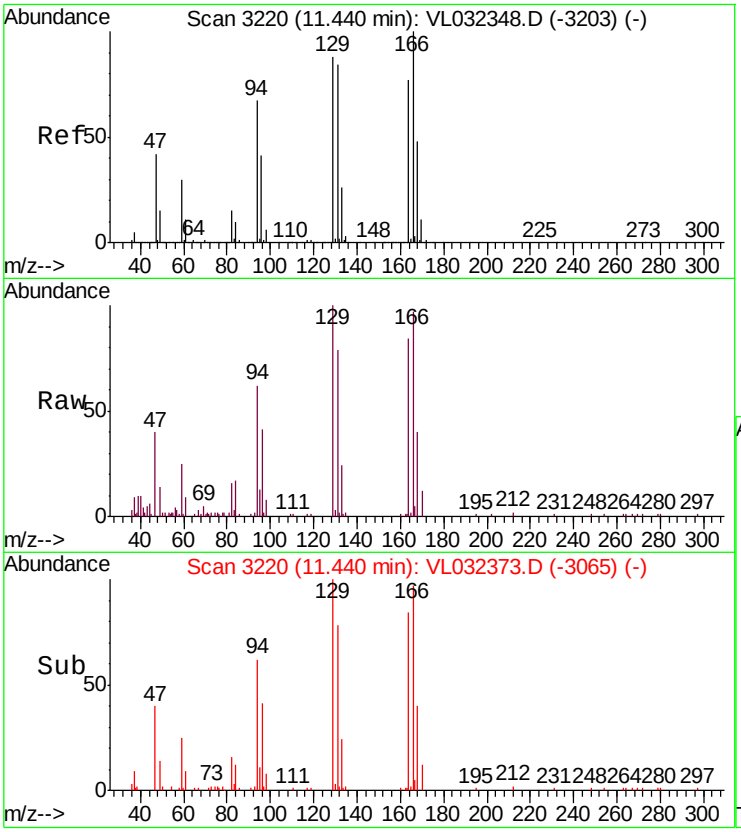


#51
2-Hexanone
Concen: 0.731 ppbv
RT: 10.31 min Scan# 2869
Delta R.T. -0.03 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 43 Resp: 163055

Ion	Ratio	Lower	Upper
43	100		
58	8.0	39.5	59.3#
98	1.3	0.3	0.5#



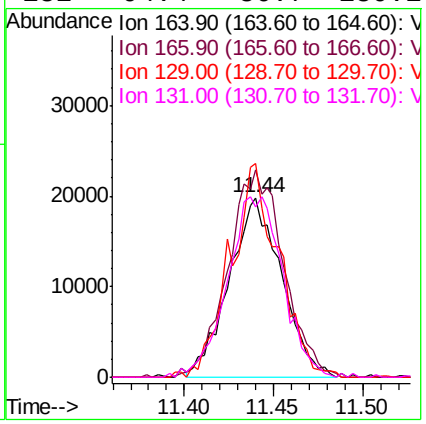


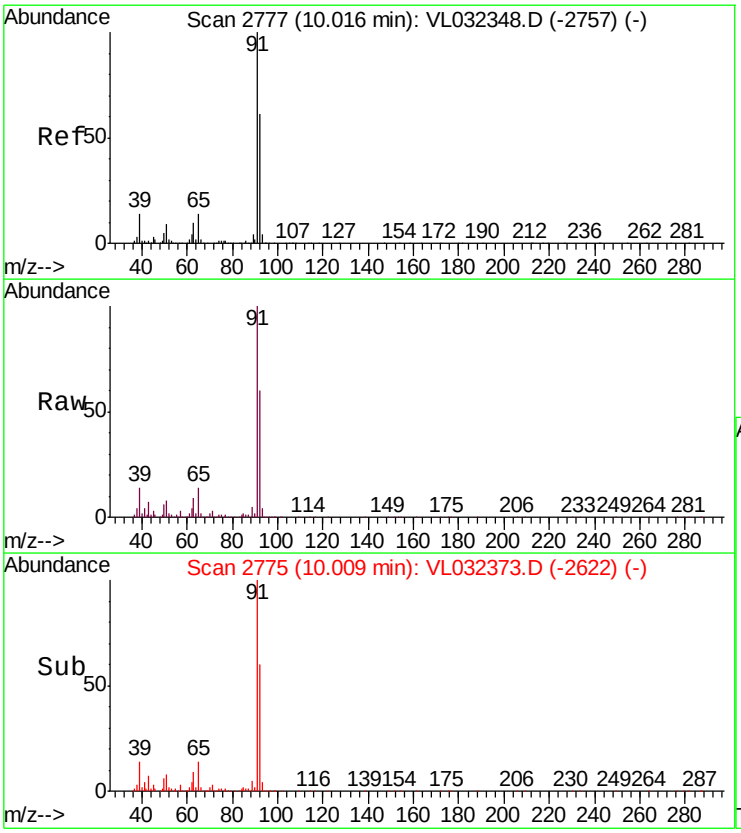
#52
Tetrachloroethene
Concen: 0.503 ppbv
RT: 11.44 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument : MSVOA_L
ClientSampleId : SG04-MIVI

Tgt Ion:164 Resp: 40674

Ion	Ratio	Lower	Upper
164	100		
166	112.9	103.5	155.3
129	118.8	90.9	136.3
131	94.4	86.7	130.1

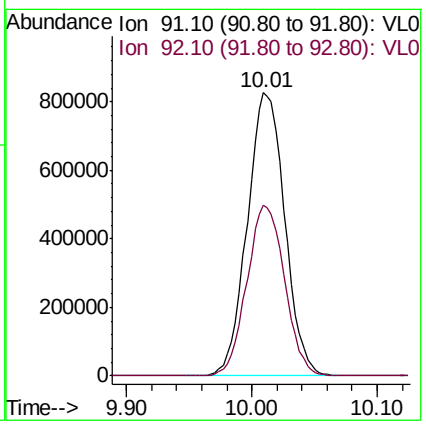


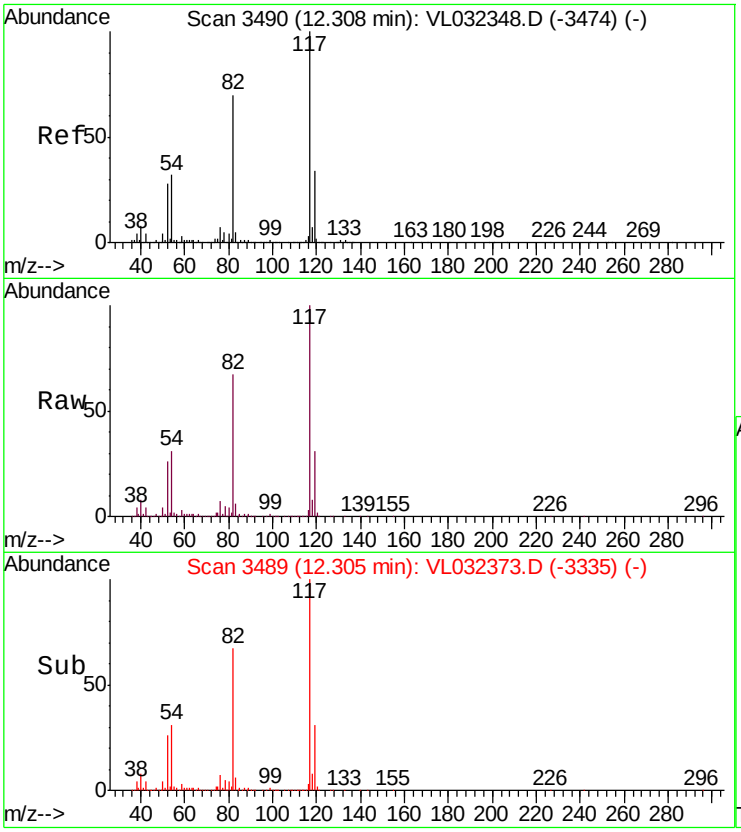


#53
Toluene
Concen: 5.717 ppbv
RT: 10.01 min Scan# 2775
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 91 Resp: 1718163

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.7	73.1



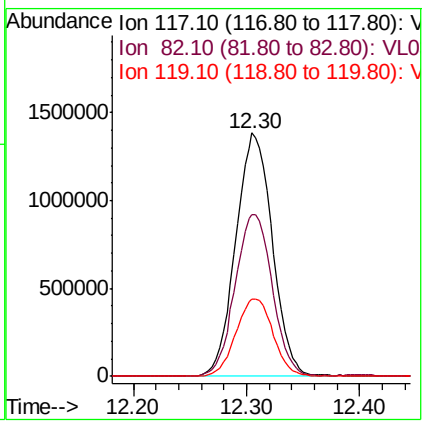


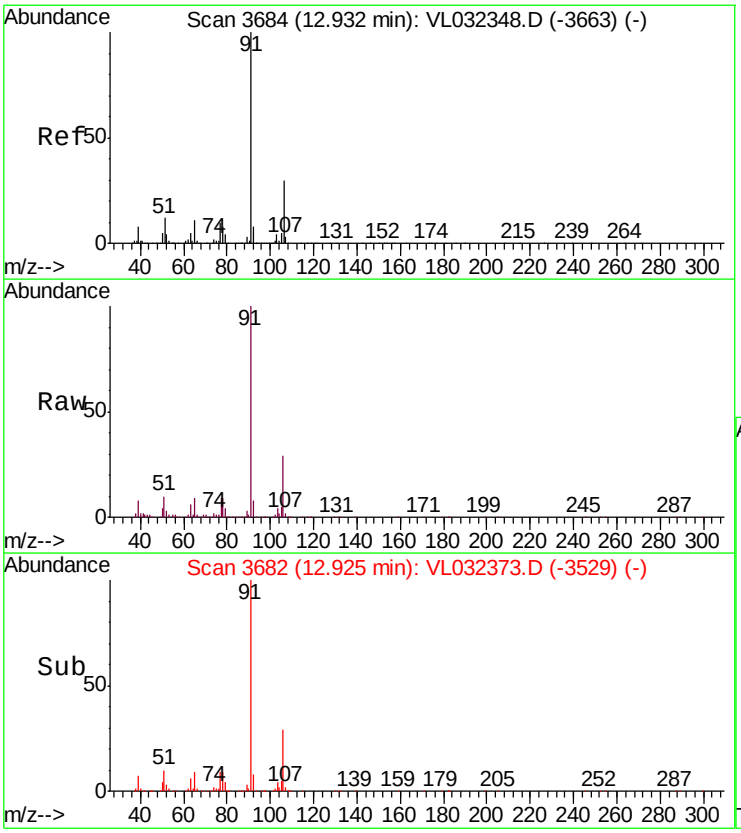
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.30 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:117 Resp: 3117094

Ion	Ratio	Lower	Upper
117	100		
82	67.8	55.1	82.7
119	32.4	46.0	69.0#

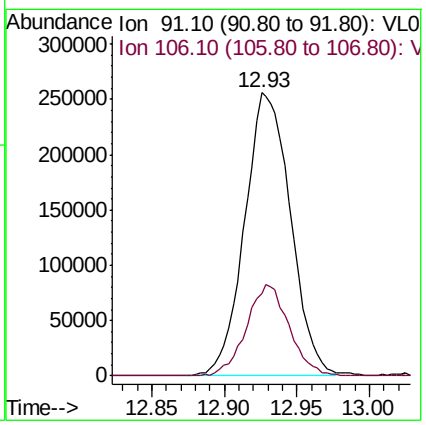


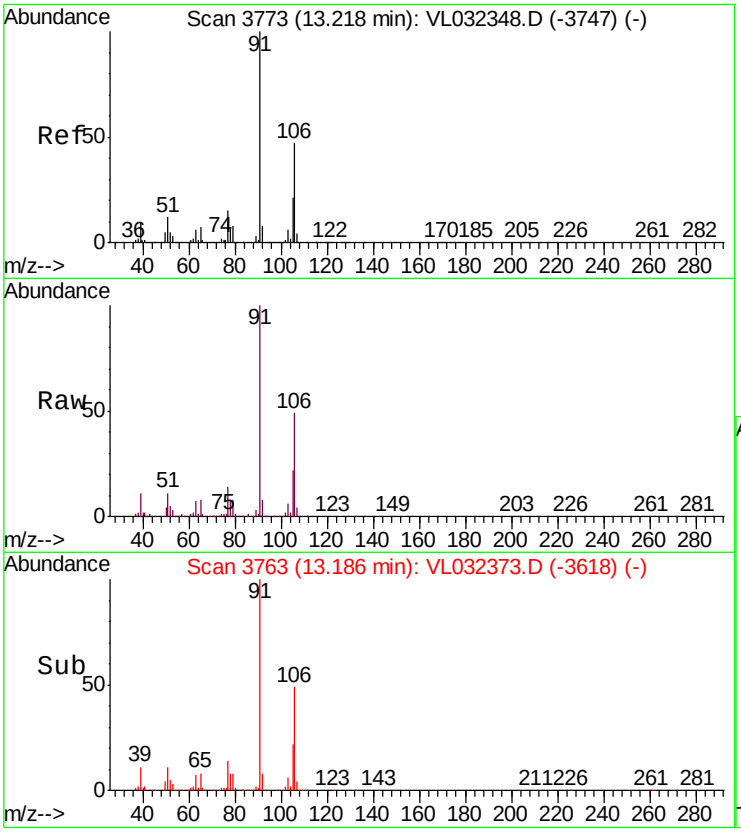


#58
Ethyl Benzene
Concen: 1.502 ppbv
RT: 12.93 min Scan# 3682
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 91 Resp: 563267

Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.3	36.5



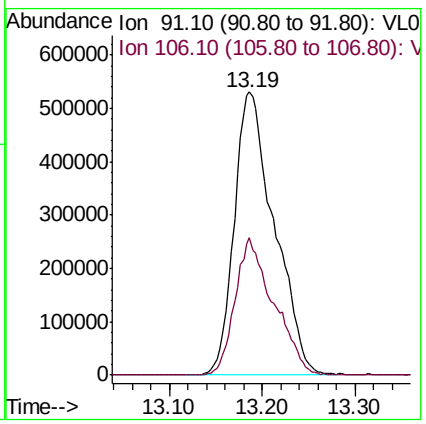


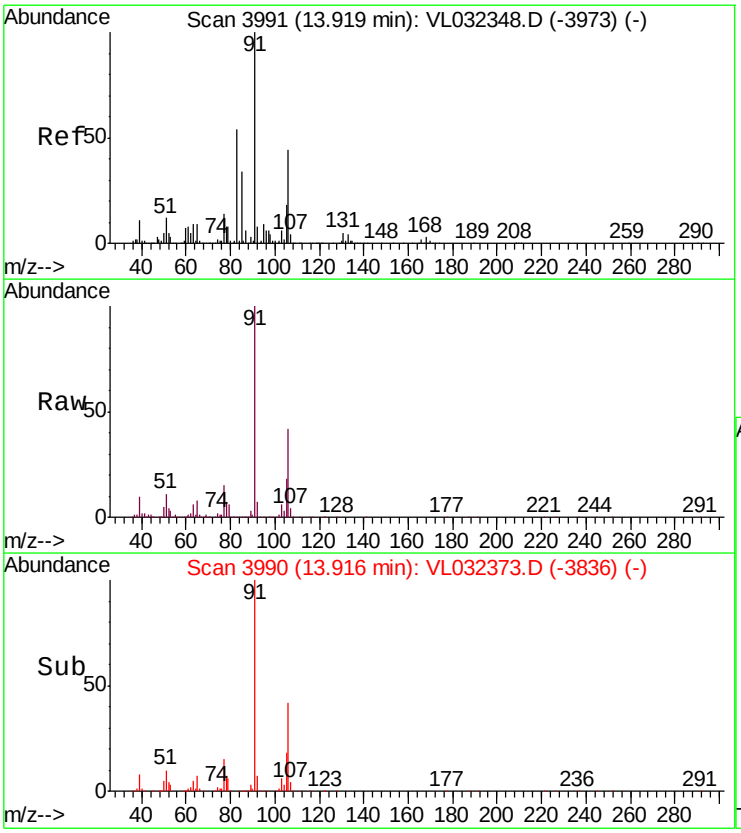
#59
m/p-Xylene
Concen: 4.978 ppbv
RT: 13.19 min Scan# 3763
Delta R.T. -0.03 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 91 Resp: 1585899

Ion	Ratio	Lower	Upper
91	100		
106	46.7	37.0	55.4

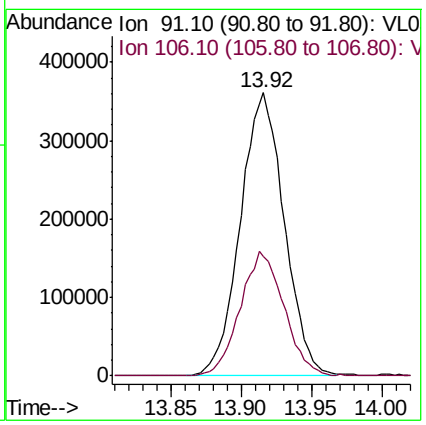


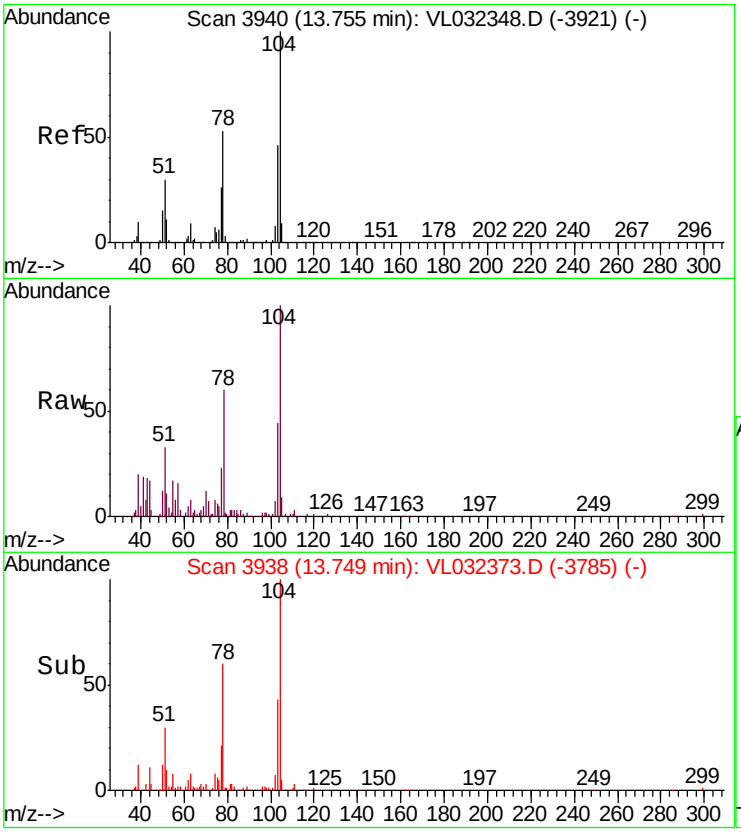


#60
o-Xylene
Concen: 2.495 ppbv
RT: 13.92 min Scan# 3990
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 91 Resp: 781324

Ion	Ratio	Lower	Upper
91	100		
106	44.2	22.3	66.8



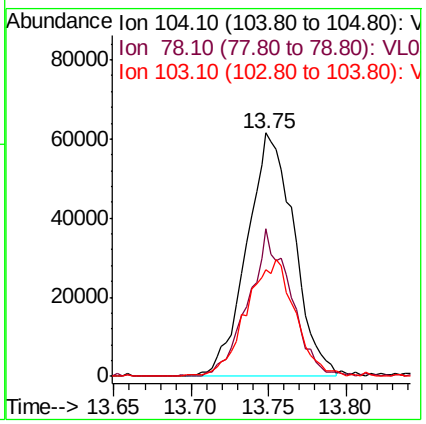


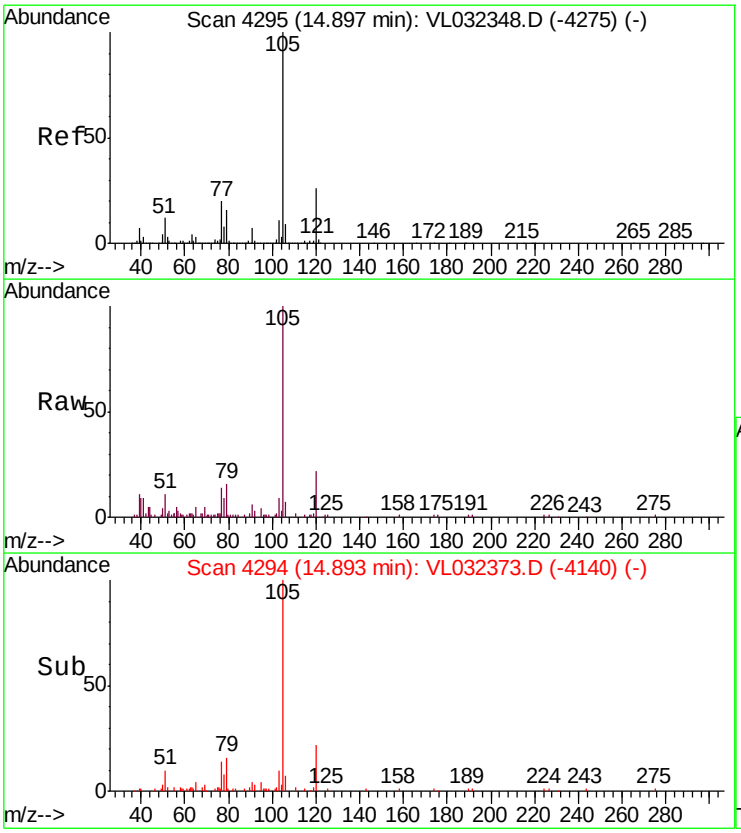
#61
Styrene
Concen: 0.596 ppbv
RT: 13.75 min Scan# 3938
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:104 Resp: 130482

Ion	Ratio	Lower	Upper
104	100		
78	54.7	42.6	64.0
103	49.6	38.0	57.0

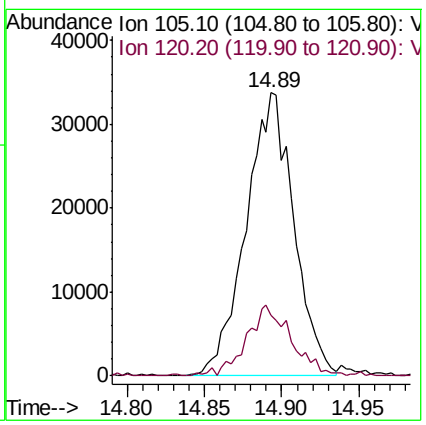


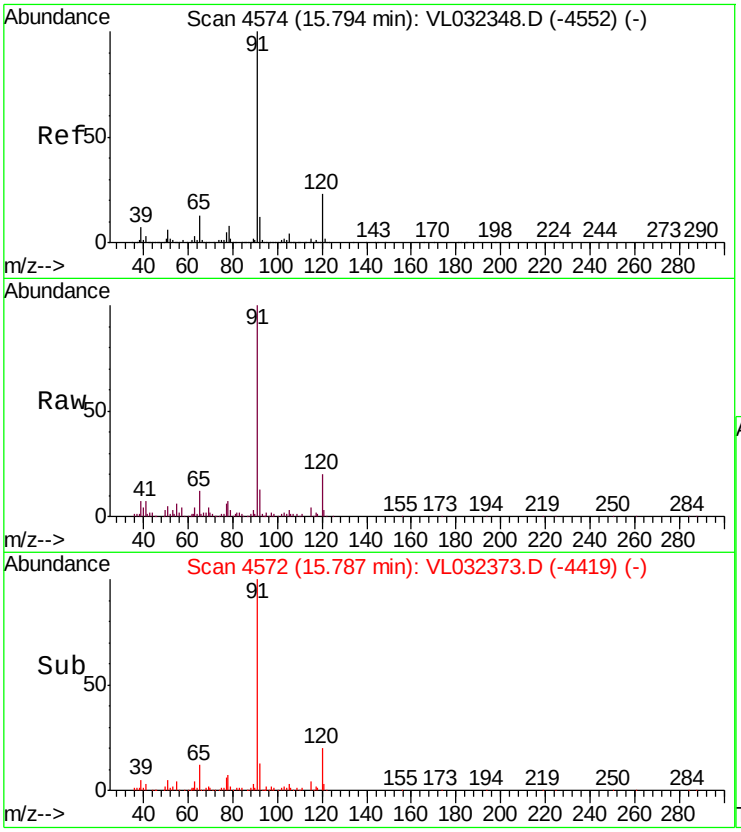


#62
Isopropylbenzene
Concen: 0.163 ppbv
RT: 14.89 min Scan# 4294
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion:105 Resp: 72583

Ion	Ratio	Lower	Upper
105	100		
120	23.5	20.6	30.8



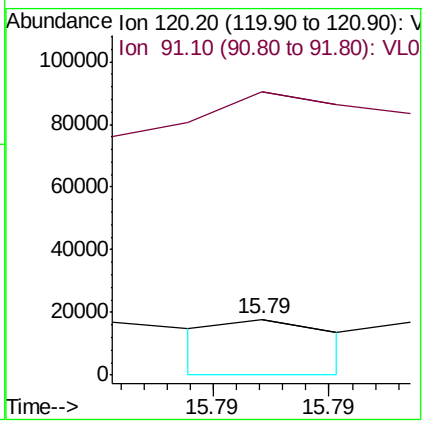


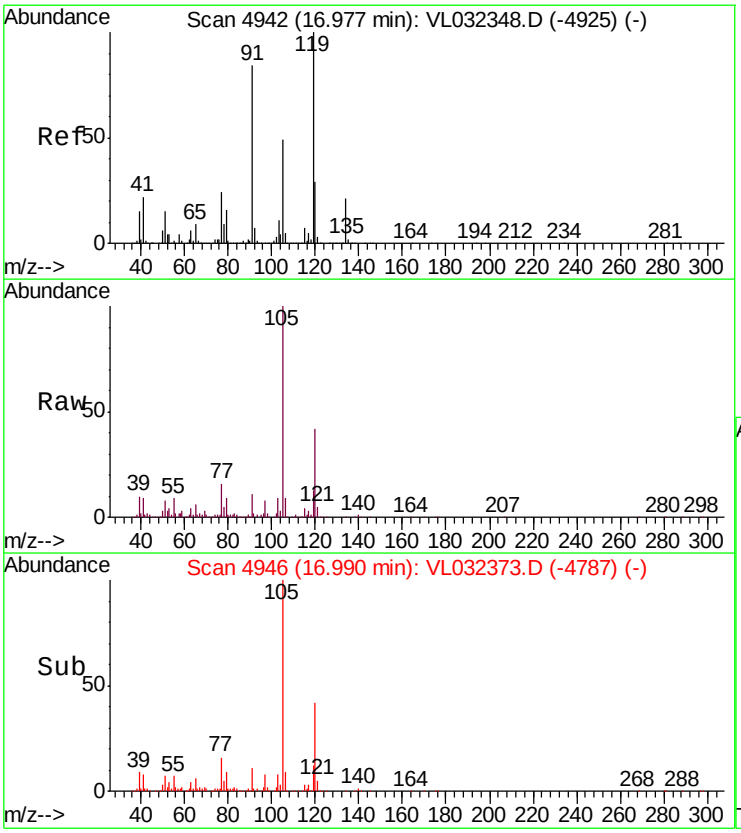
#64
n-propylbenzene
Concen: 0.053 ppbv
RT: 15.79 min Scan# 4572
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:120 Resp: 6064

Ion	Ratio	Lower	Upper
120	100		
91	3287.5	382.2	573.2#

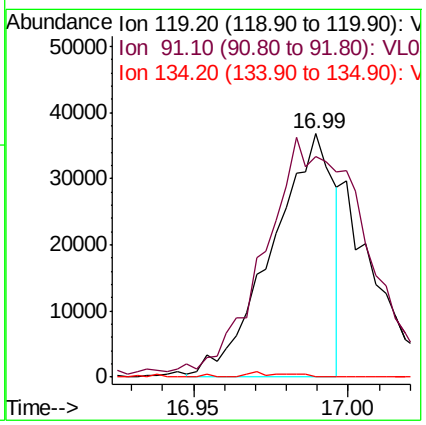


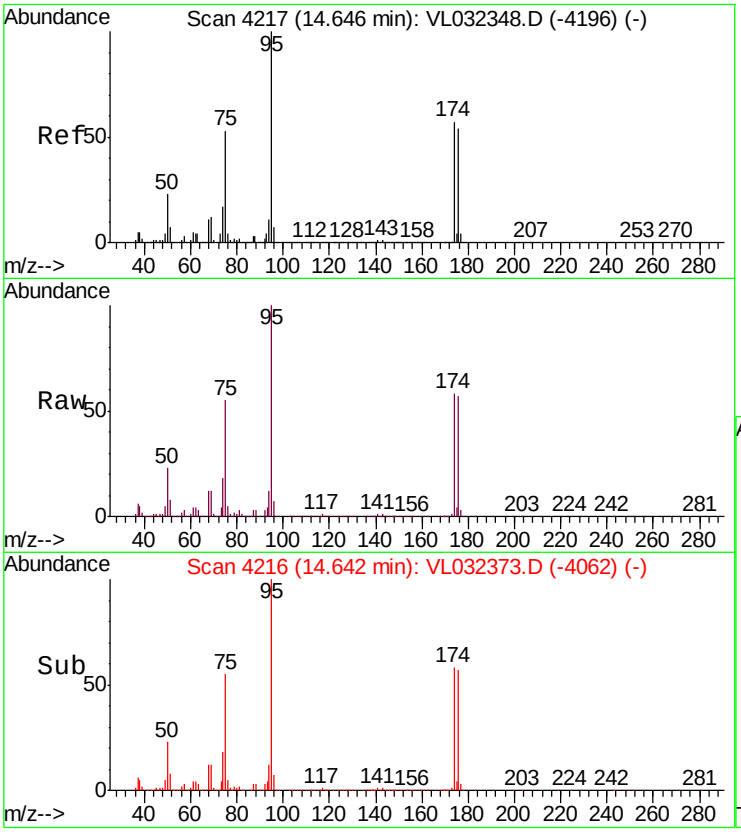


#65
tert-Butylbenzene
Concen: 0.134 ppbv
RT: 16.99 min Scan# 4946
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion:119 Resp: 51172

Ion	Ratio	Lower	Upper
119	100		
91	165.2	67.4	101.0#
134	0.0	15.8	23.6#



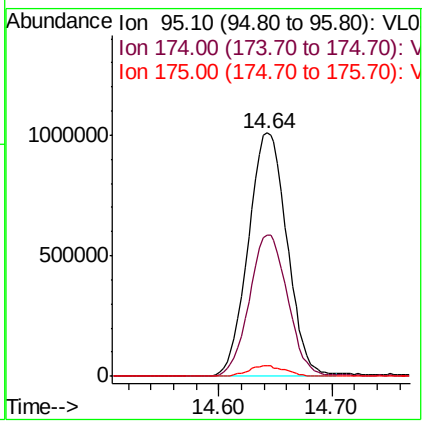


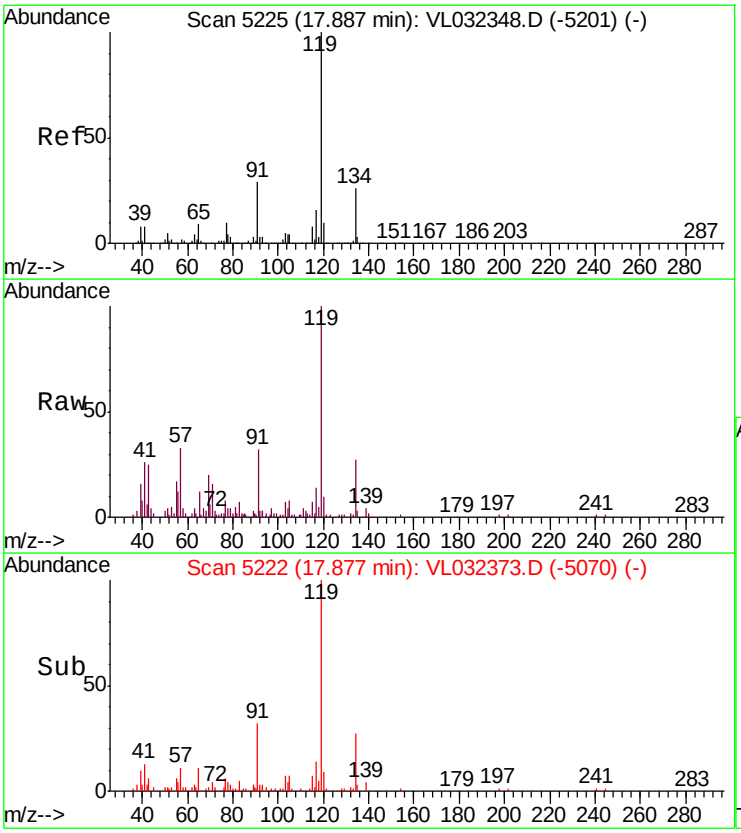
#68
1-Bromo-4-Fluorobenzene
Concen: 10.080 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 95 Resp: 2397108

Ion	Ratio	Lower	Upper
95	100		
174	58.5	46.2	69.4
175	4.4	3.4	5.0

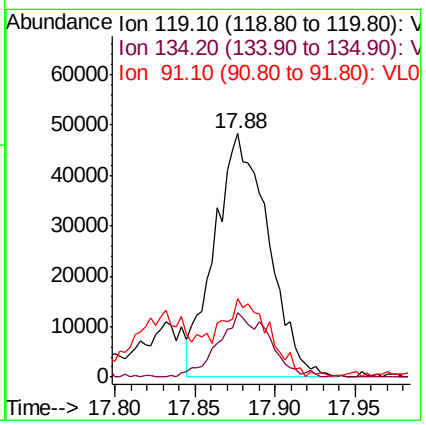


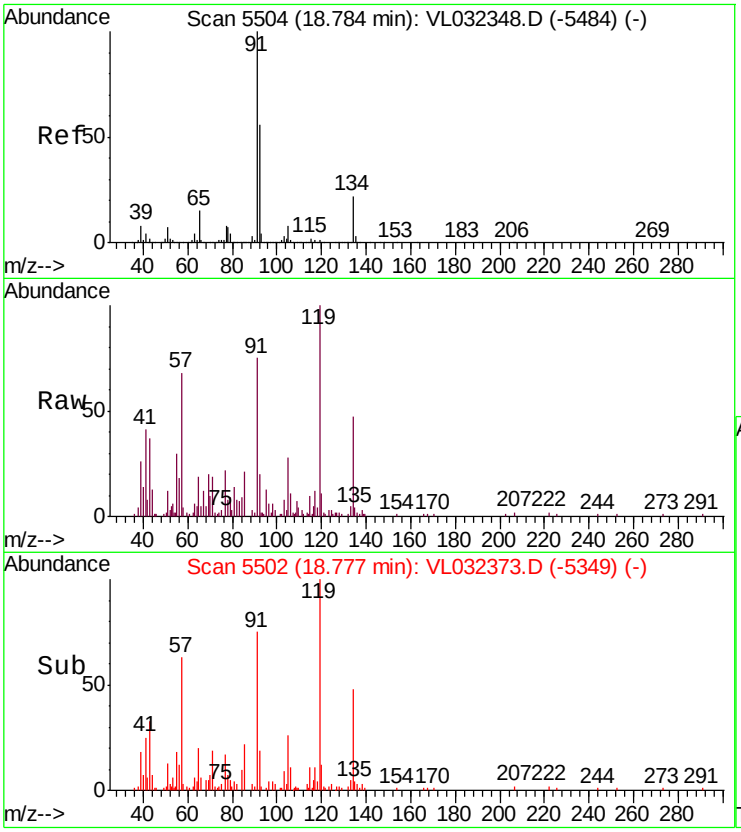


#69
p-Isopropyltoluene
Concen: 0.256 ppbv
RT: 17.88 min Scan# 5222
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion:119 Resp: 111004

Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.4	30.6
91	28.9	23.6	35.4



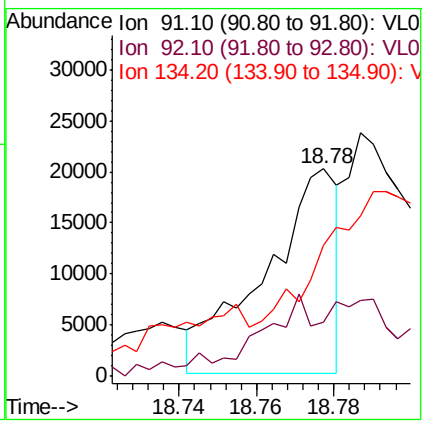


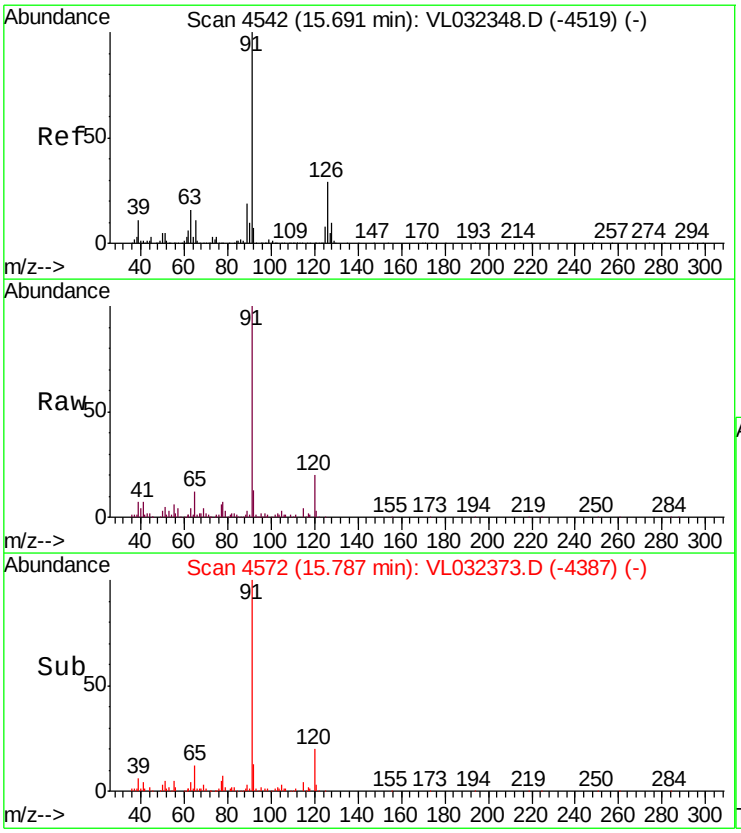
#70
n-Butylbenzene
Concen: 0.055 ppbv
RT: 18.78 min Scan# 5502
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion: 91 Resp: 26270

Ion	Ratio	Lower	Upper
91	100		
92	81.1	43.9	65.9#
134	0.0	17.3	25.9#

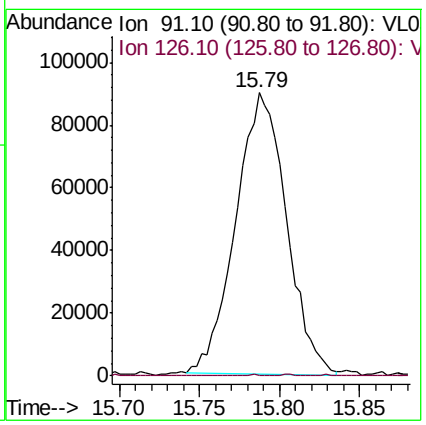


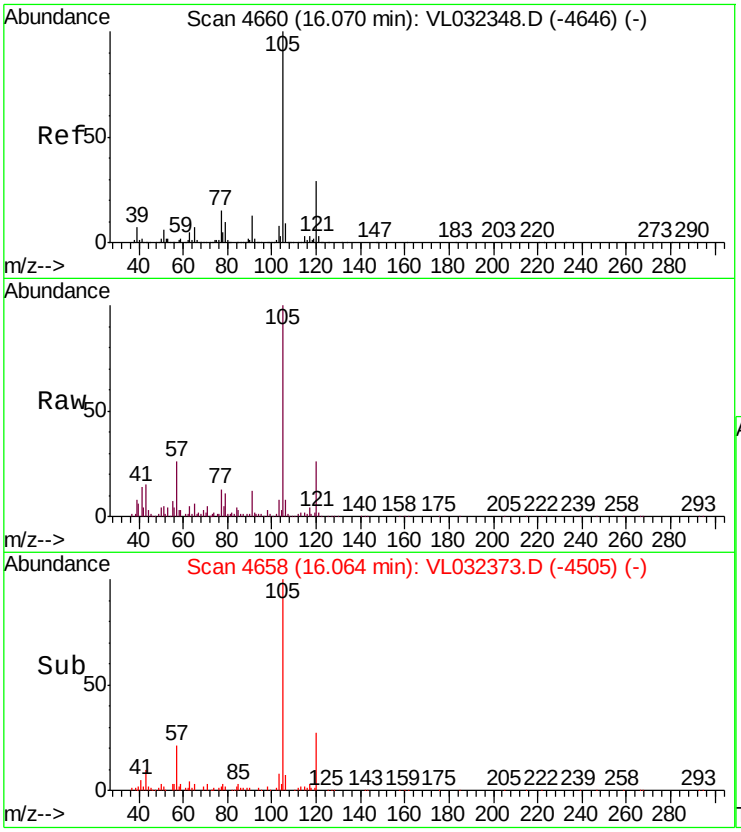


#71
2-Chlorotoluene
Concen: 0.565 ppbv
RT: 15.79 min Scan# 4572
Delta R.T. 0.10 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 91 Resp: 195036

Ion	Ratio	Lower	Upper
91	100		
126	0.2	11.8	47.2#



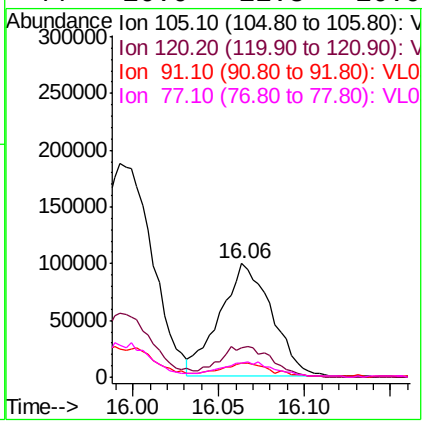


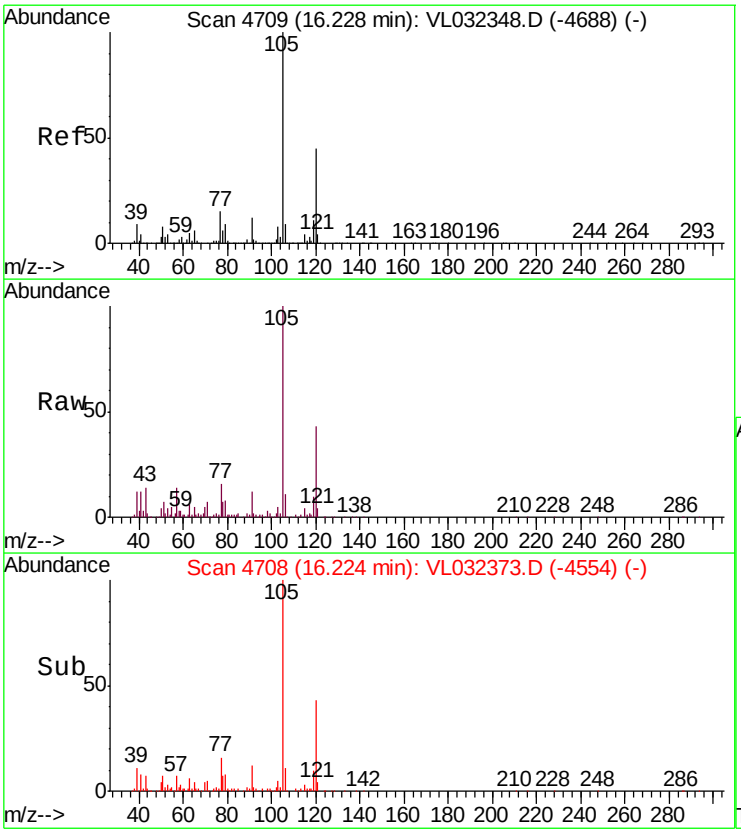
#72
4-Ethyltoluene
Concen: 0.598 ppbv
RT: 16.06 min Scan# 4658
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:105 Resp: 208801

Ion	Ratio	Lower	Upper
105	100		
120	28.2	23.4	35.0
91	13.2	10.0	15.0
77	16.0	11.3	16.9

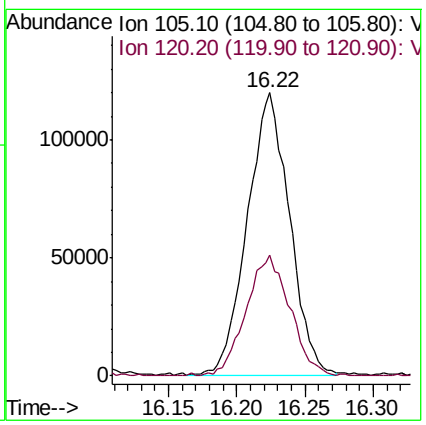


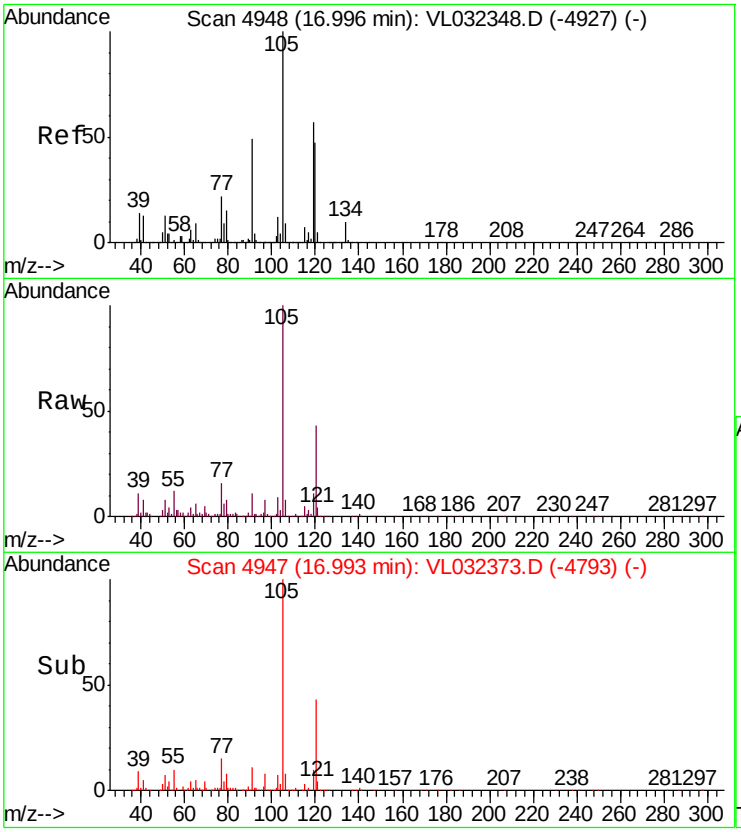


#73
1,3,5-Trimethylbenzene
Concen: 0.767 ppbv
RT: 16.22 min Scan# 4708
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion:105 Resp: 257611

Ion	Ratio	Lower	Upper
105	100		
120	42.7	36.3	54.5



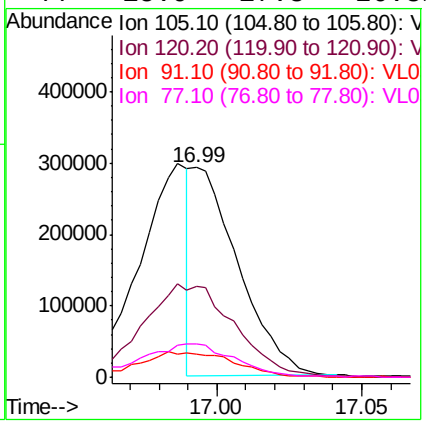


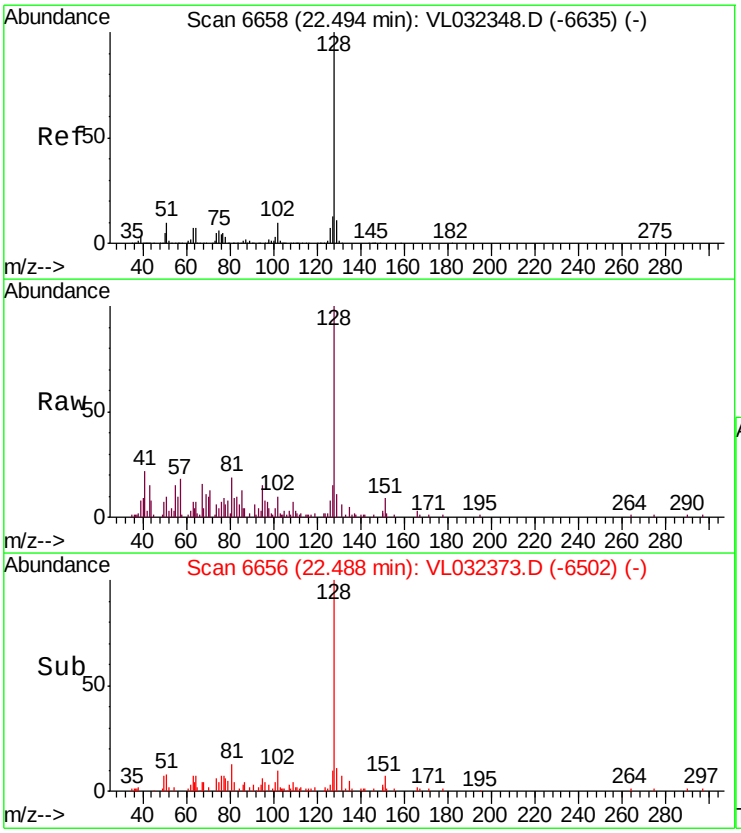
#74
1,2,4-Trimethylbenzene
Concen: 0.898 ppbv
RT: 16.99 min Scan# 4947
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:105 Resp: 320854

Ion	Ratio	Lower	Upper
105	100		
120	42.9	37.6	56.4
91	11.0	39.9	59.9#
77	15.9	17.8	26.8#

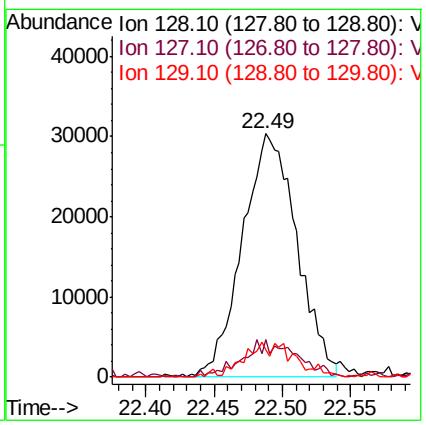


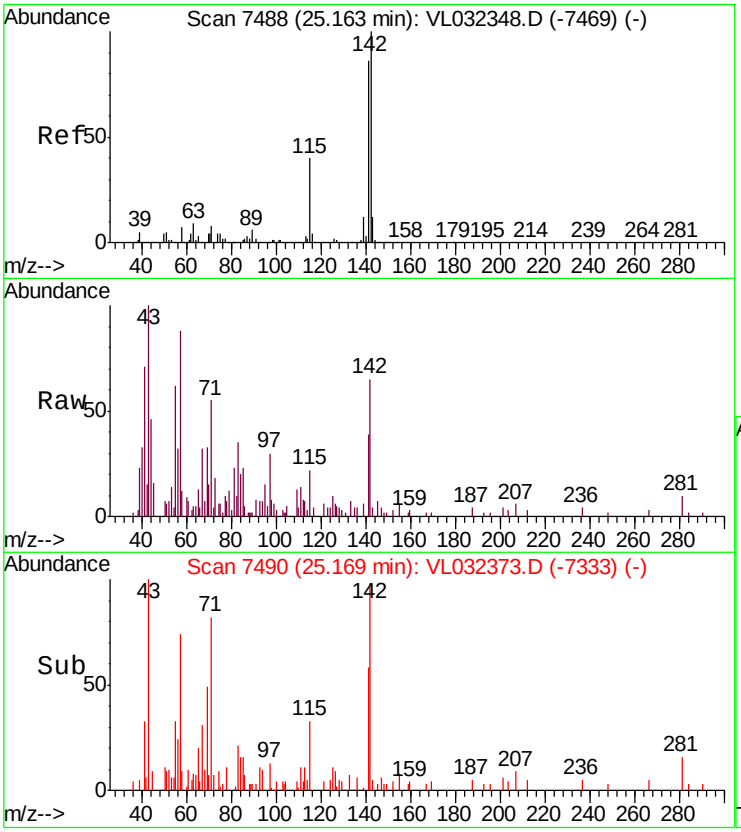


#79
Naphthalene
Concen: 0.572 ppbv
RT: 22.49 min Scan# 6656
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion:128 Resp: 84421

Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.3	15.5
129	11.2	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.130 ppbv
RT: 25.17 min Scan# 7490
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tgt Ion:142 Resp: 9293

Ion	Ratio	Lower	Upper
142	100		
141	95.6	66.7	100.1
115	80.4	31.0	46.6#