Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035349.D
Acq On : 6 Aug 2020 14:32
Operator : SY/AP
Sample : L3554-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 07 06:26:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1340425	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3405523	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.10	117	3306061	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2791950	10.13	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	54544	0.306	ppbv		94
3) Chlorodifluoromethane	2.94	51	103169	0.674	ppbv	#	75
4) Chloromethane	3.09	50	59204	0.683	ppbv		95
5) Vinyl Chloride	2.97	62	349394	3.921	ppbv	#	49
9) Propene	2.96	41	136583	2.505	ppbv		84
10) Heptane	8.12	43	82562	0.593	ppbv		98
11) Trichlorofluoromethane	3.91	101	61599	0.267	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.45	101	6150	0.037	ppbv	#	12
13) Ethanol	3.58	45	170017	9.041	ppbv	#	62
15) Acetone	3.80	43	2792836	14.672	ppbv		92
16) 1,3-Butadiene	3.26	39	364831	4.980	ppbv	#	19
17) tert-Butyl alcohol	4.28	59	164321	0.941	ppbv		96
19) Isopropyl Alcohol	3.95	45	838854	6.952	ppbv	#	1
20) Methylene Chloride	4.31	84	243211	3.133	ppbv		91
23) Vinyl Acetate	5.05	43	38882	0.213	ppbv	#	33
25) Ethyl Acetate	5.66	43	169257	0.585	ppbv	#	86
26) Hexane	5.66	57	212610	1.695	ppbv	#	44
27) Carbon Disulfide	4.51	76	1618794	9.228	ppbv		100
28) Methyl tert-Butyl Ether	5.01	73	15523	0.085	ppbv	#	53
29) Chloroform	5.73	83	203067	0.939	ppbv		100
30) Cyclohexane	7.12	84	56513	0.594	ppbv		89
32) 1,1,1-Trichloroethane	6.50	97	7542	0.033	ppbv	#	21
34) 2-Butanone	5.21	43	871417	5.197	ppbv		99
36) Benzene	6.88	78	155897	0.678	ppbv		97
39) 1,2-Dichloropropane	7.17	63	882968	9.485	ppbv	#	23
44) 2,2,4-Trimethylpentane	7.86	57	158962	0.389	ppbv	#	76
50) 4-Methyl-2-Pentanone	8.74	43	11690	0.046	ppbv	#	1
51) 2-Hexanone	10.14	43	467273	2.328	ppbv	#	95
53) Toluene	9.81	91	1844969	7.375	ppbv		100
58) Ethyl Benzene	12.73	91	459076	1.334	ppbv		92
59) m/p-Xylene	12.99	91	1292790	4.036	ppbv		99
60) o-Xylene	13.71	91	590938	1.859	ppbv		98
61) Styrene	13.55	104	43331	0.223	ppbv	#	60
62) Isopropylbenzene	14.69	105	82941	0.173	ppbv	#	82
64) n-propylbenzene	15.56	120	5620	0.044	ppbv		92
65) tert-Butylbenzene	16.77	119	28398	0.065	ppbv	#	23
67) sec-Butylbenzene	17.32	105	22856	0.037	ppbv	#	57
69) p-Isopropyltoluene	17.68	119	80690	0.160	ppbv	#	40
71) 2-Chlorotoluene	15.79	91	48454	0.138	ppbv		79
72) 4-Ethyltoluene	15.87	105	280038	0.773	ppbv		98
73) 1,3,5-Trimethylbenzene	16.02	105	298787	0.859	ppbv		100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035349.D
Acq On : 6 Aug 2020 14:32
Operator : SY/AP
Sample : L3554-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 07 06:26:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,2,4-Trimethylbenzene	16.80	105	958121	2.411	ppbv	#	71
76) 1,4-Dichlorobenzene	17.16	146	56248	0.234	ppbv	#	1
77) 1,2-Dichlorobenzene	17.85	146	9953	0.041	ppbv	#	11
79) Naphthalene	22.25	128	861462	2.818	ppbv		97
80) Naphthalene,2-methyl-	25.00	142	95560	1.374	ppbv		98

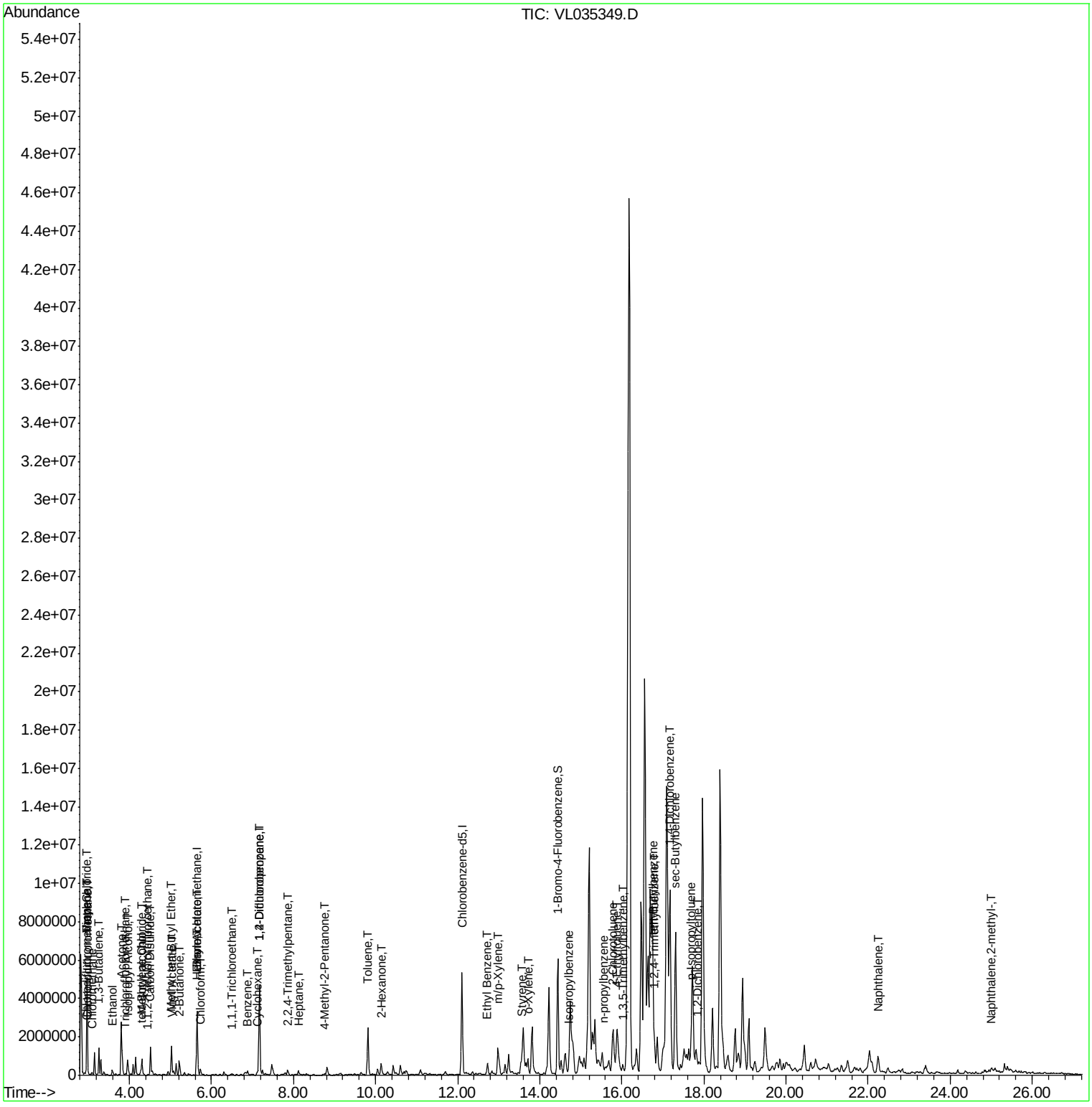
(#) = qualifier out of range (m) = manual integration (+) = signals summed

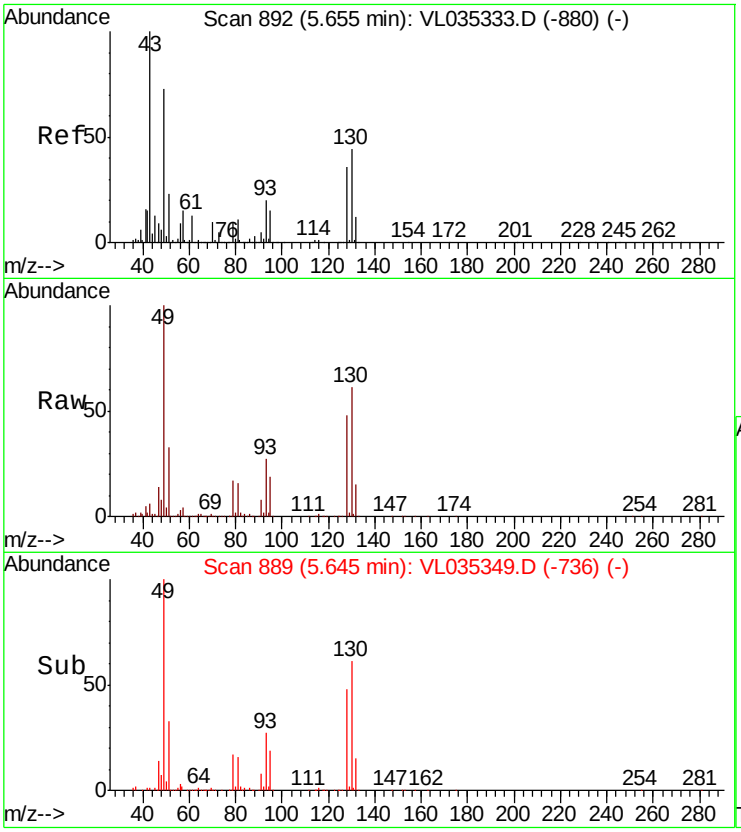
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035349.D
Acq On : 6 Aug 2020 14:32
Operator : SY/AP
Sample : L3554-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 07 06:26:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration



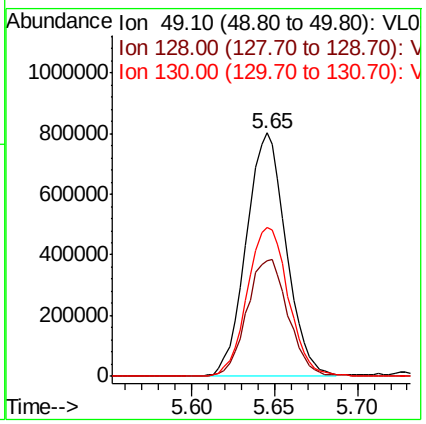


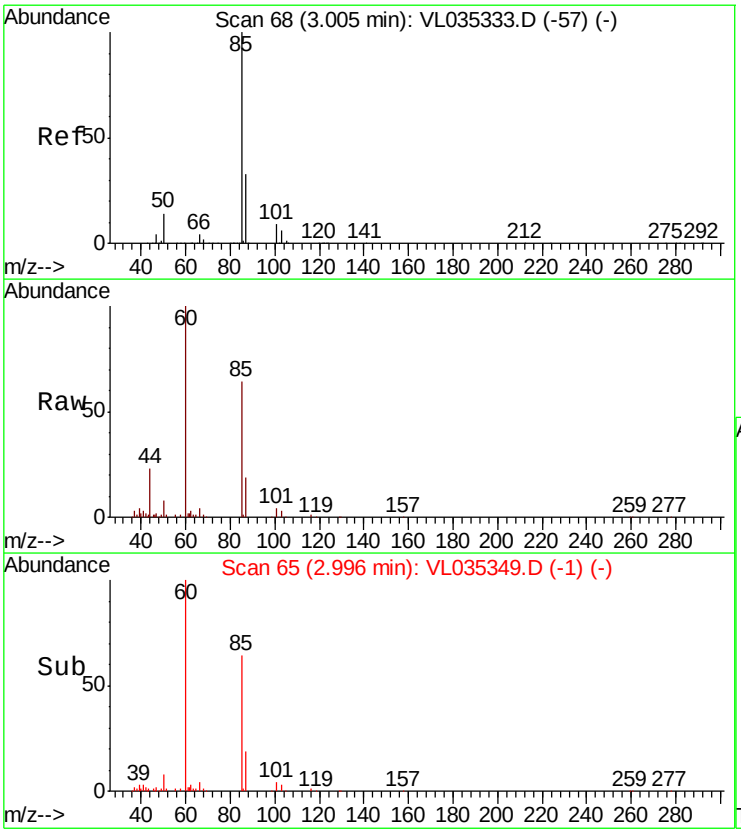
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1340425

Ion	Ratio	Lower	Upper
49	100		
128	49.9	25.4	76.0
130	63.4	32.1	96.3

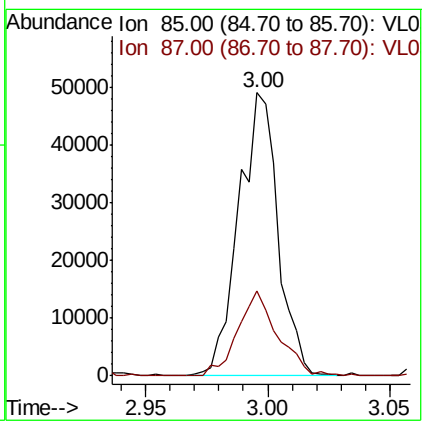


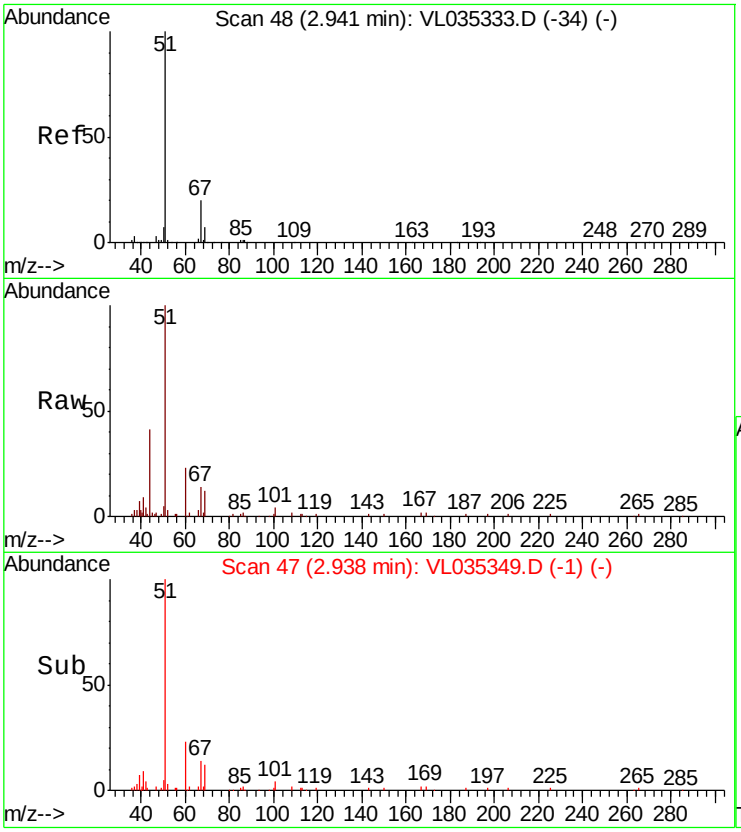


#2
Dichlorodifluoromethane
Concen: 0.306 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 85 Resp: 54544

Ion	Ratio	Lower	Upper
85	100		
87	29.9	26.7	40.1

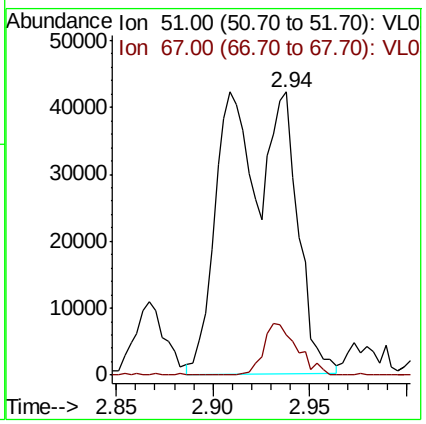




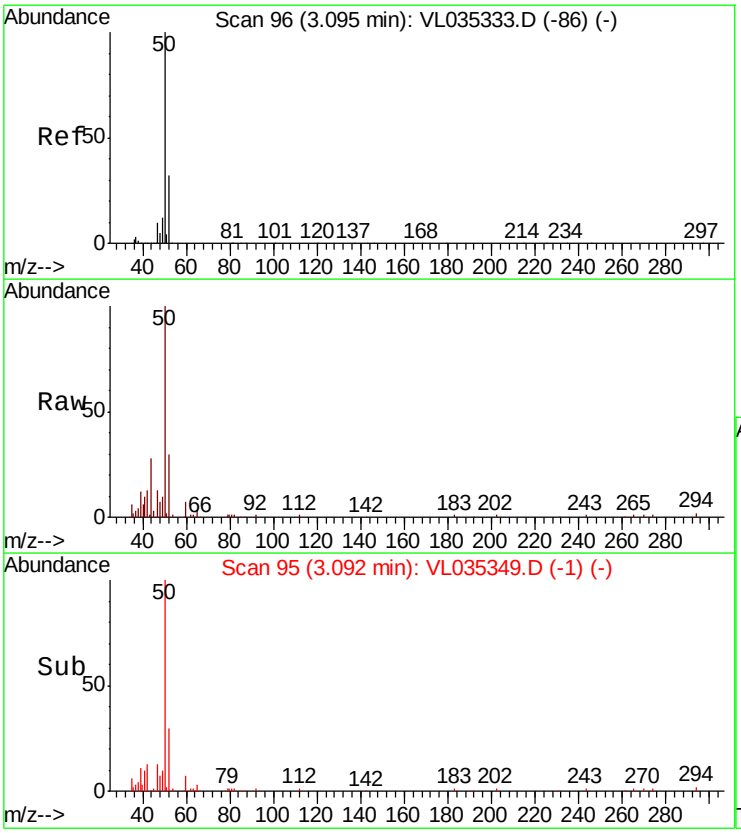
#3
Chlorodifluoromethane
Concen: 0.674 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.00 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 51 Resp: 103169

Ion	Ratio	Lower	Upper
51	100		
67	9.0	16.6	25.0#



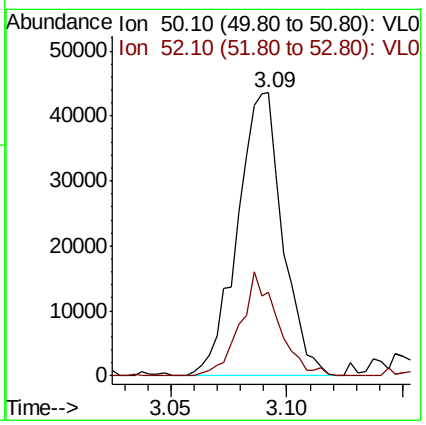
Instrument :
MSVOA_L
ClientSampleId :

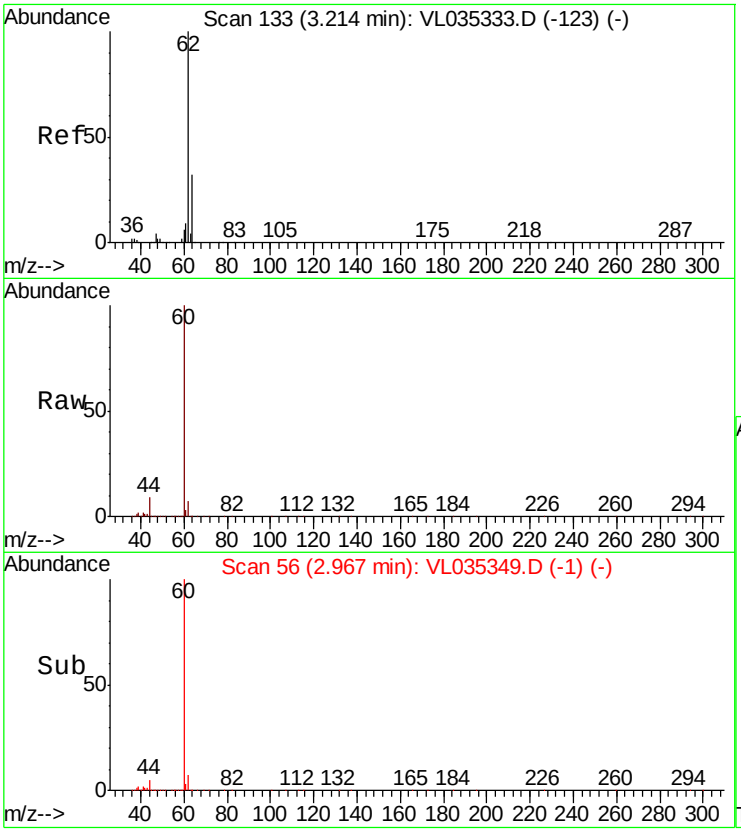


#4
Chloromethane
Concen: 0.683 ppbv
RT: 3.09 min Scan# 95
Delta R.T. -0.00 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 50 Resp: 59204

Ion	Ratio	Lower	Upper
50	100		
52	29.5	26.0	39.0



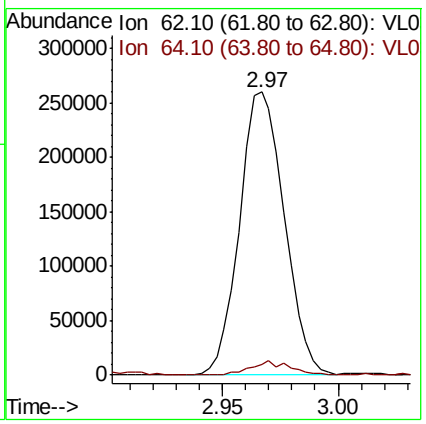


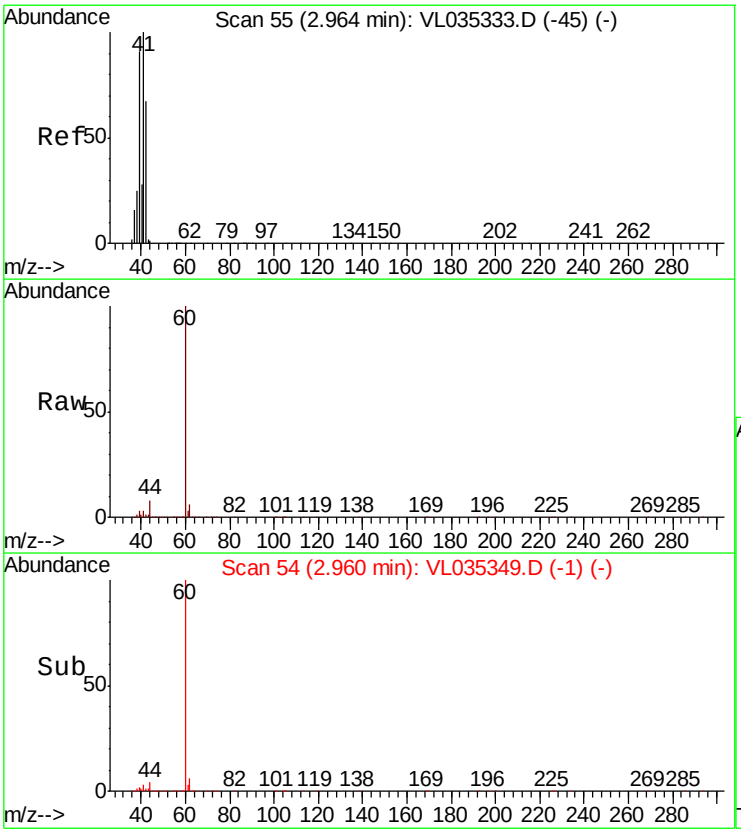
#5
Vinyl Chloride
Concen: 3.921 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.25 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 349394

Ion	Ratio	Lower	Upper
62	100		
64	3.9	25.8	38.6#

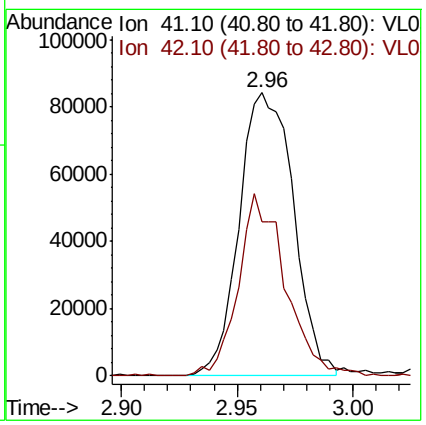


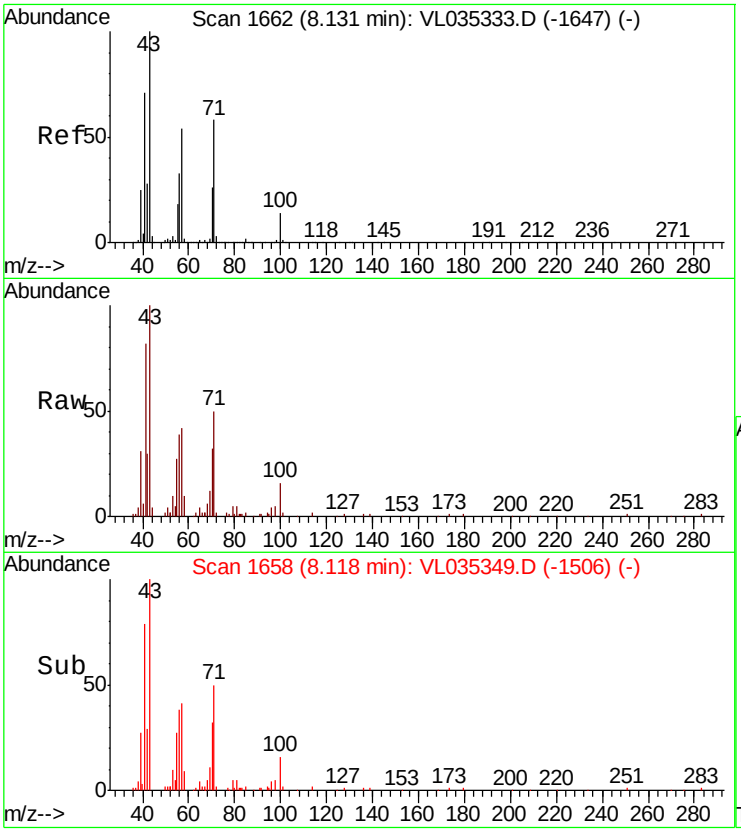


#9
Propene
Concen: 2.505 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 41 Resp: 136583

Ion	Ratio	Lower	Upper
41	100		
42	56.3	55.3	82.9



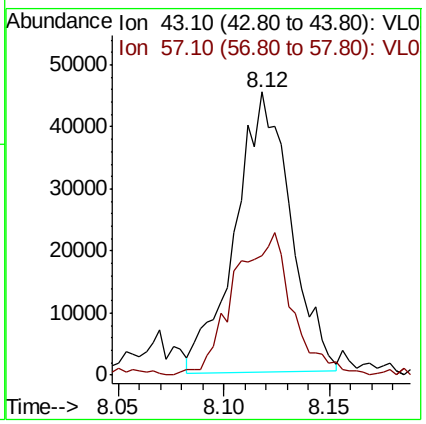


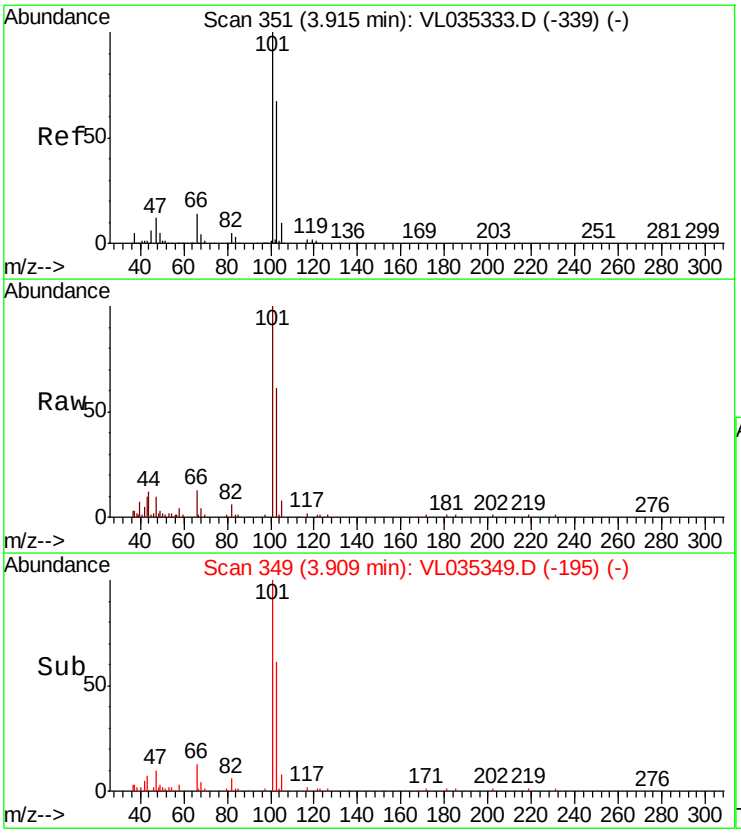
#10
Heptane
Concen: 0.593 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 82562

Ion	Ratio	Lower	Upper
43	100		
57	52.2	43.0	64.6

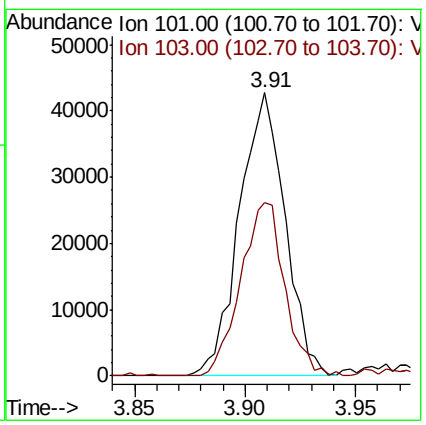


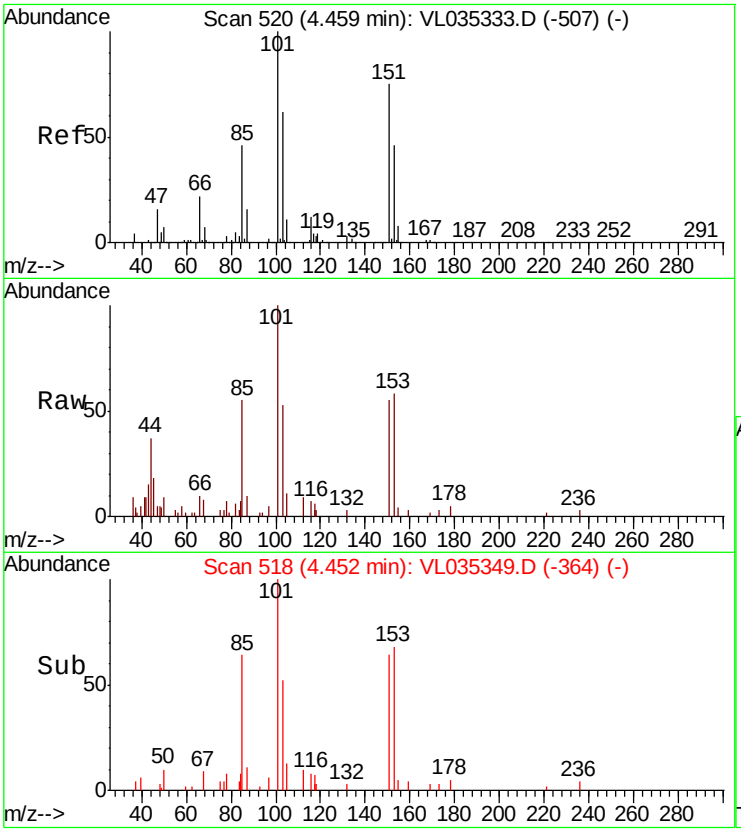


#11
Trichlorofluoromethane
Concen: 0.267 ppbv
RT: 3.91 min Scan# 349
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:101 Resp: 61599

Ion	Ratio	Lower	Upper
101	100		
103	62.7	53.8	80.8



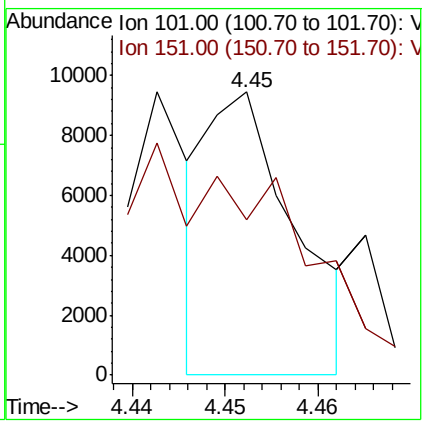


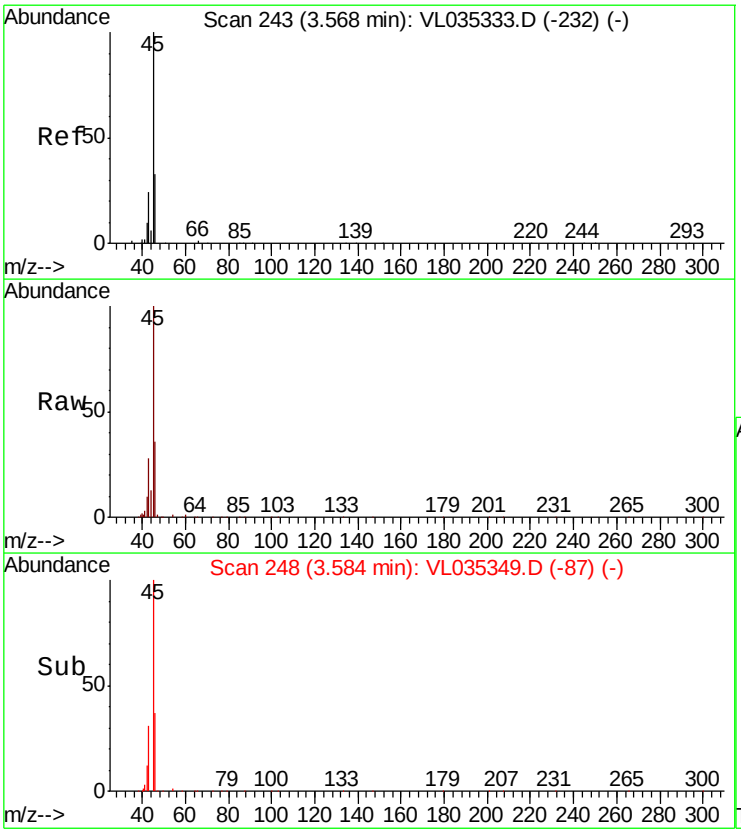
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.037 ppbv
RT: 4.45 min Scan# 518
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 6150

Ion	Ratio	Lower	Upper
101	100		
151	0.0	59.5	89.3#

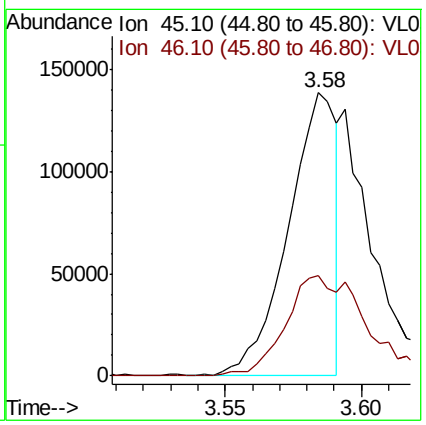


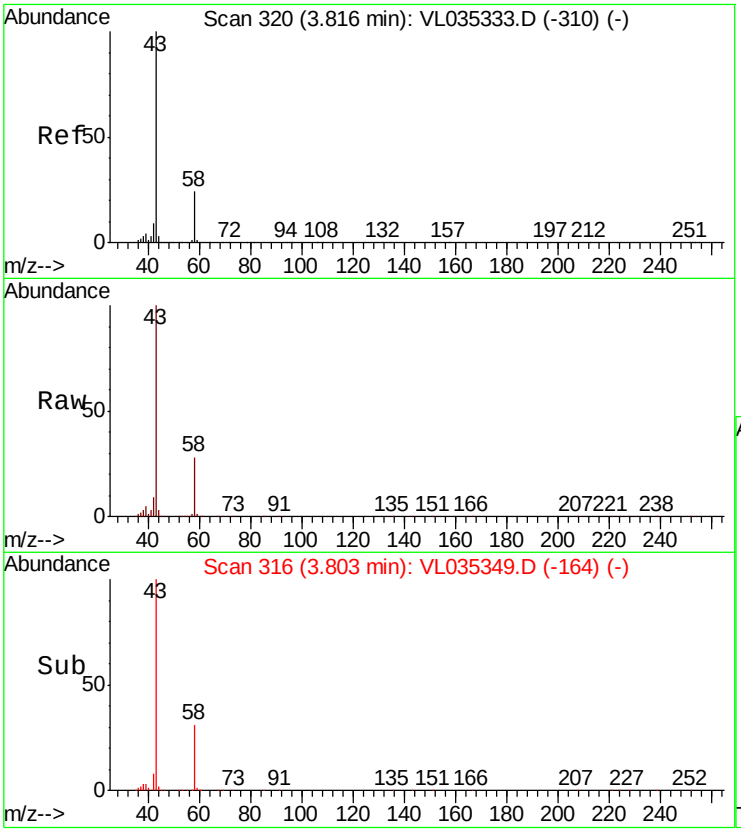


#13
Ethanol
Concen: 9.041 ppbv
RT: 3.58 min Scan# 248
Delta R.T. 0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 45 Resp: 170017

Ion	Ratio	Lower	Upper
45	100		
46	61.1	15.2	61.0#



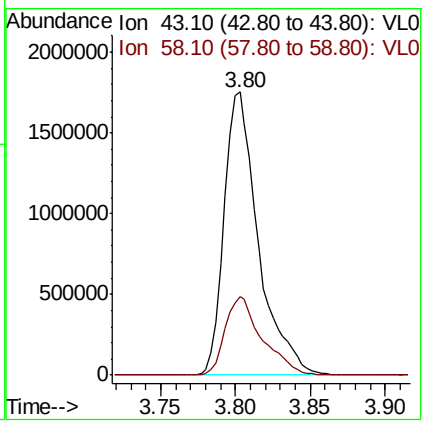


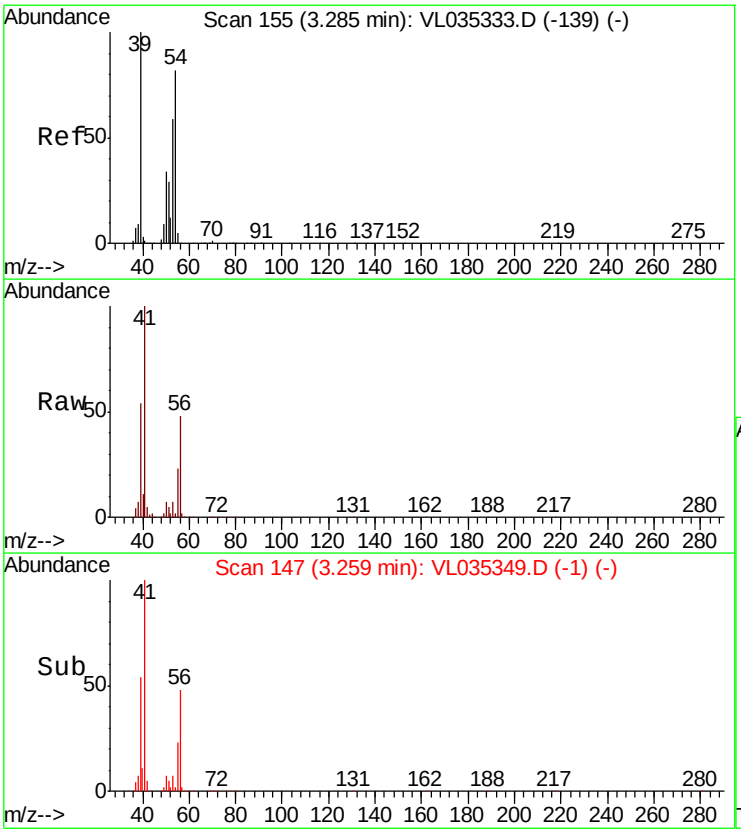
#15
Acetone
Concen: 14.672 ppbv
RT: 3.80 min Scan# 316
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2792836

Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.0	31.4

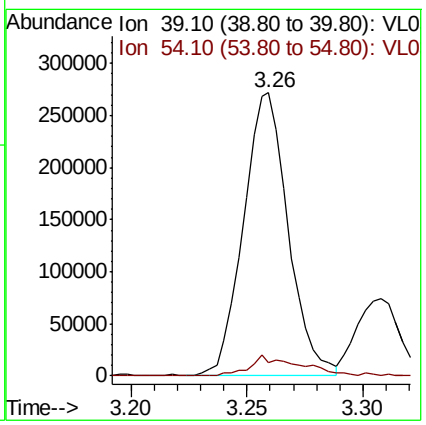


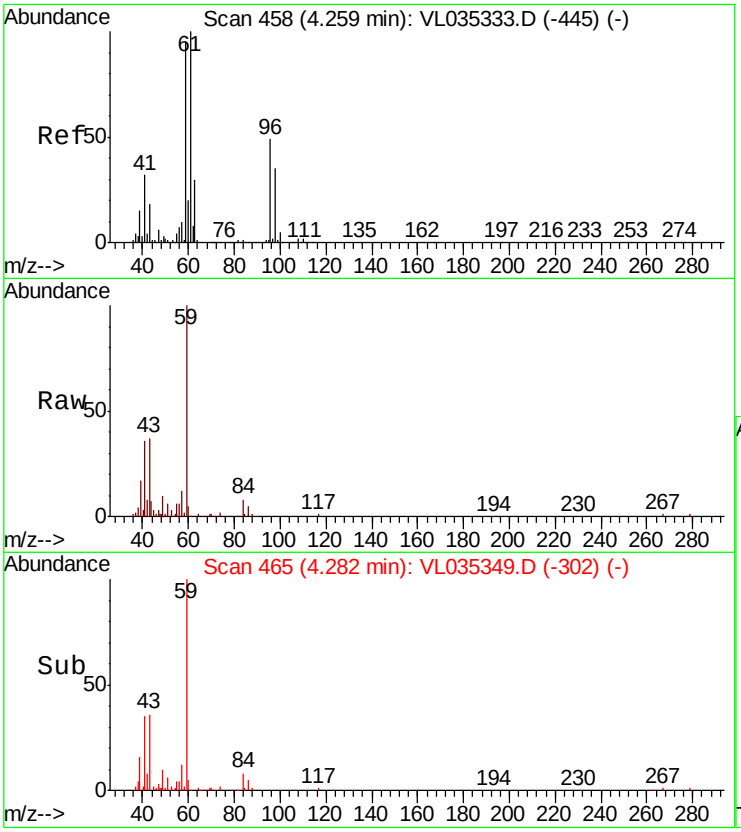


#16
1,3-Butadiene
Concen: 4.980 ppbv
RT: 3.26 min Scan# 147
Delta R.T. -0.03 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 39 Resp: 364831

Ion	Ratio	Lower	Upper
39	100		
54	8.6	64.4	96.6#



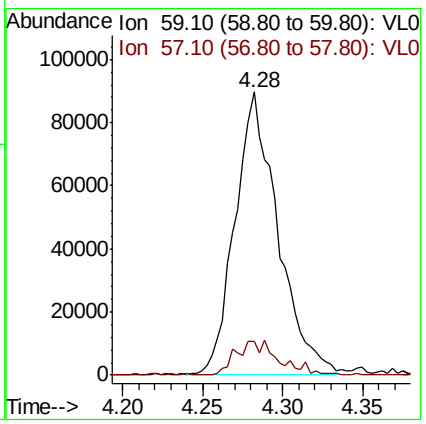


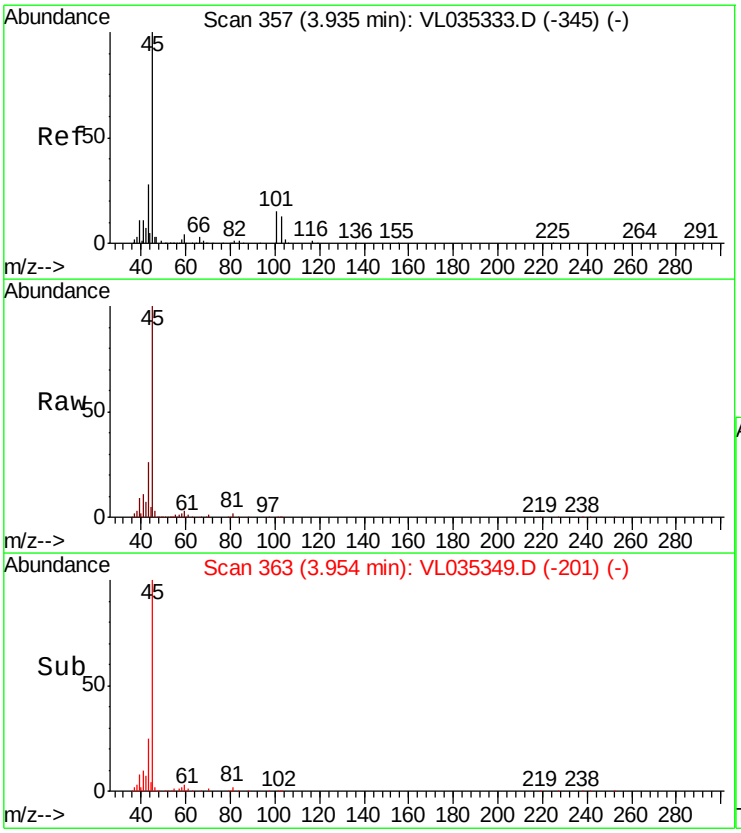
#17
tert-Butyl alcohol
Concen: 0.941 ppbv
RT: 4.28 min Scan# 465
Delta R.T. 0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 164321

Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.8	13.2

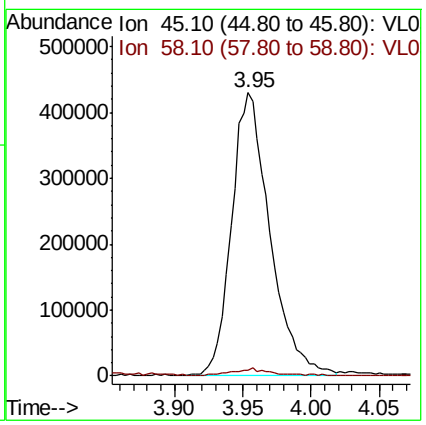


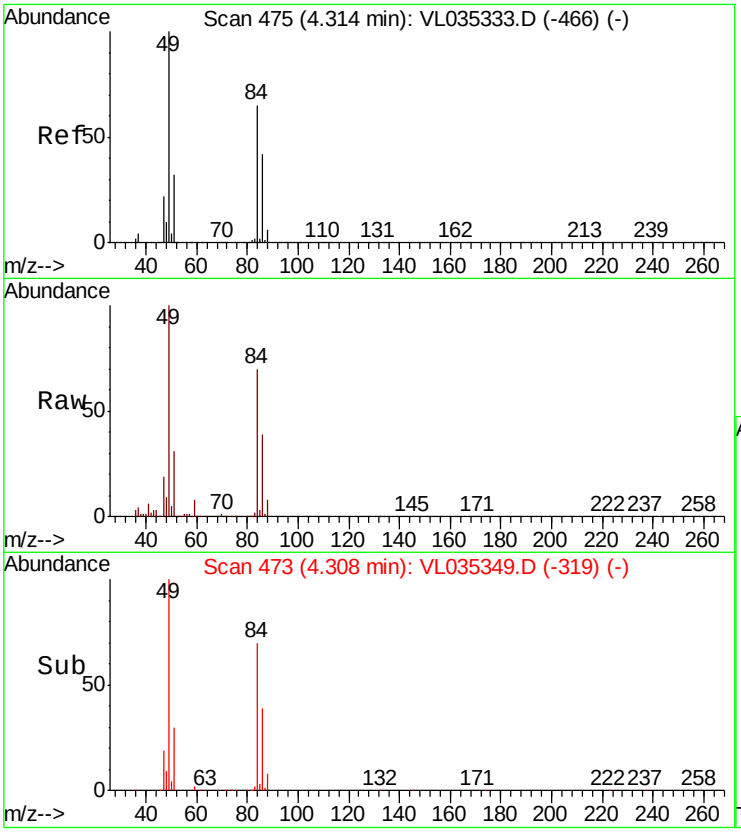


#19
Isopropyl Alcohol
Concen: 6.952 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 45 Resp: 838854

Ion	Ratio	Lower	Upper
45	100		
58	100.1	1.9	2.9#



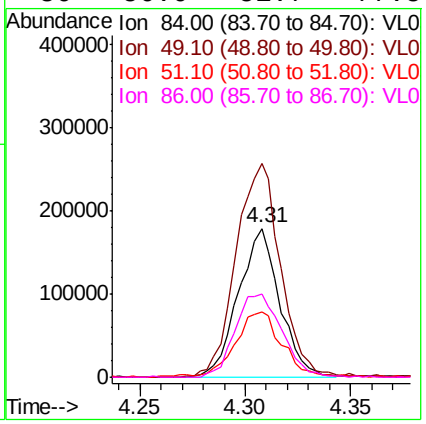


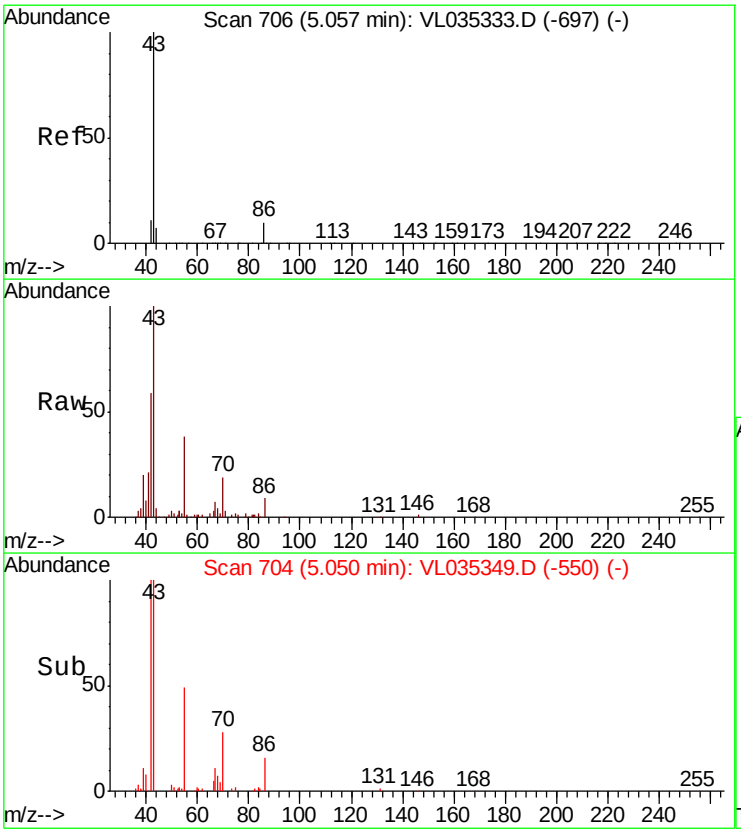
#20
Methylene Chloride
Concen: 3.133 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 243211

Ion	Ratio	Lower	Upper
84	100		
49	142.9	122.8	184.2
51	43.0	40.1	60.1
86	56.0	51.7	77.5

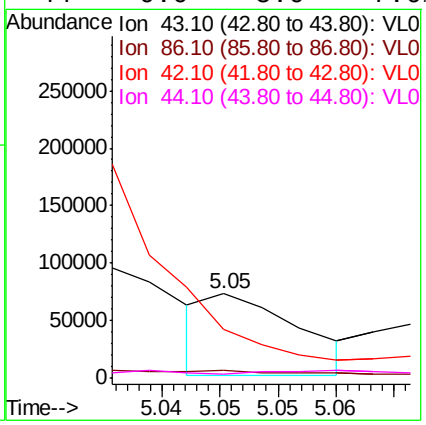


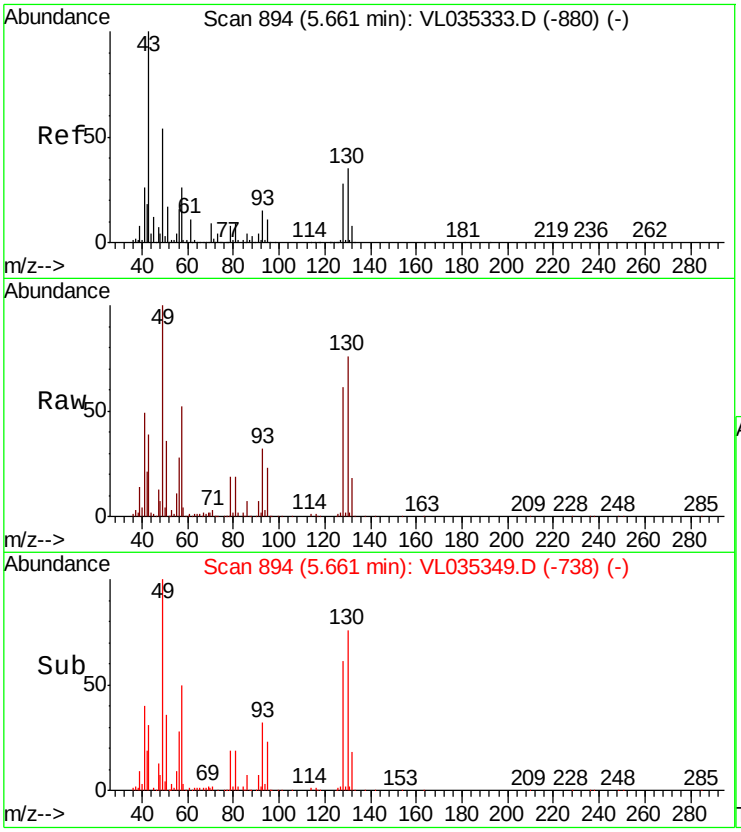


#23
Vinyl Acetate
Concen: 0.213 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 43 Resp: 38882

Ion	Ratio	Lower	Upper
43	100		
86	5.4	6.9	10.3#
42	64.5	8.8	13.2#
44	0.0	5.0	7.6#



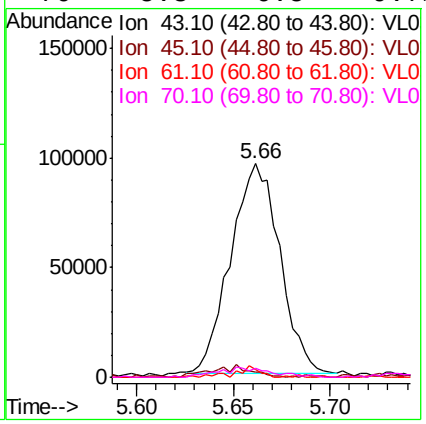


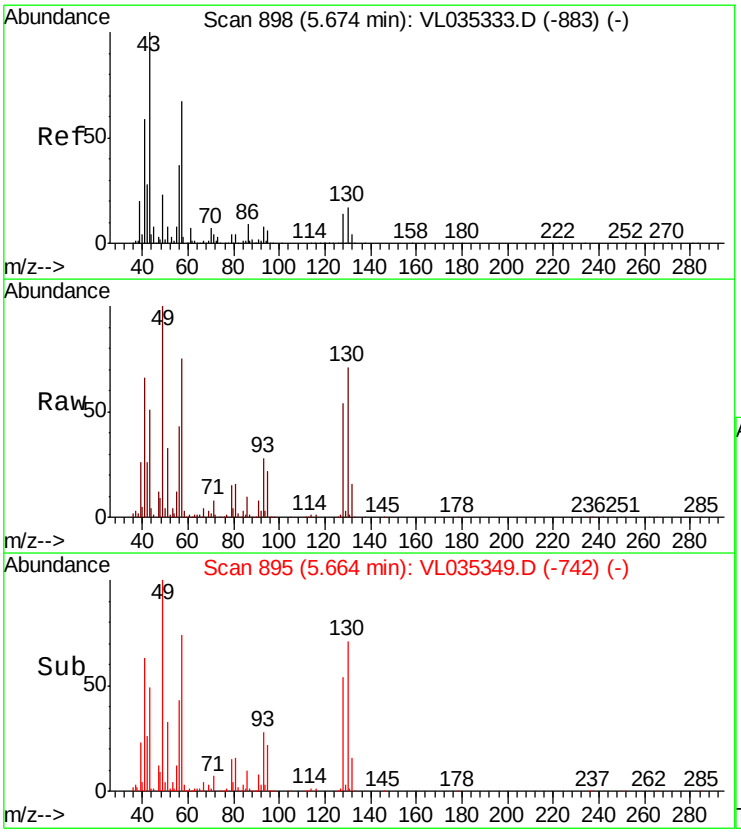
#25
Ethyl Acetate
Concen: 0.585 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 169257

Ion	Ratio	Lower	Upper
43	100		
45	5.6	8.5	12.7#
61	3.1	8.1	12.1#
70	5.3	6.5	9.7#

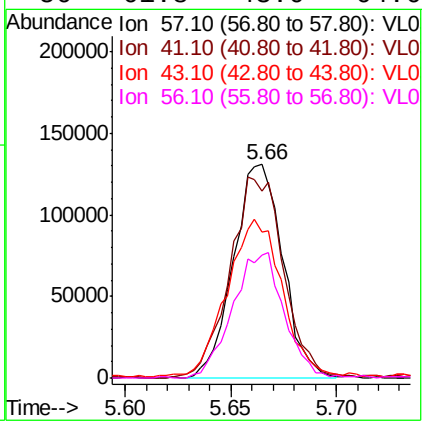


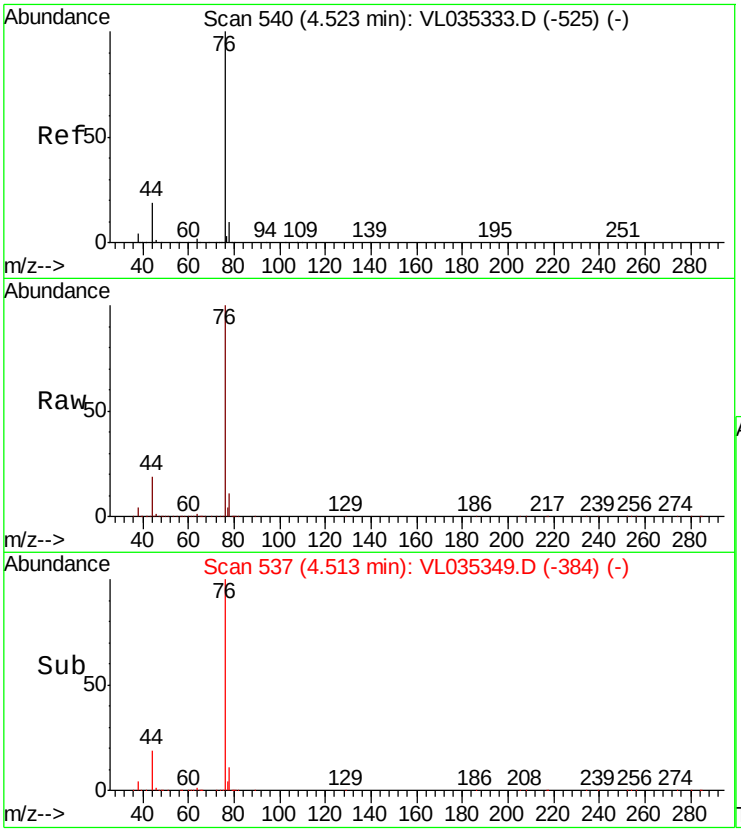


#26
Hexane
Concen: 1.695 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 57 Resp: 212610

Ion	Ratio	Lower	Upper
57	100		
41	103.3	75.2	112.8
43	85.1	180.6	270.8#
56	61.8	43.0	64.6



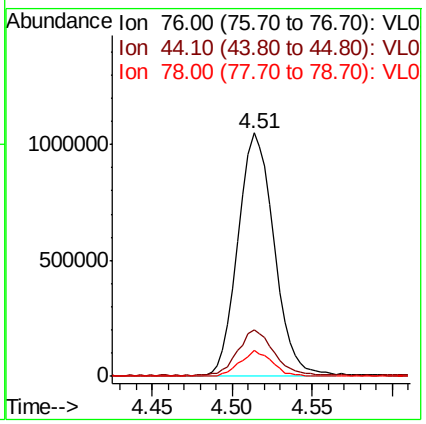


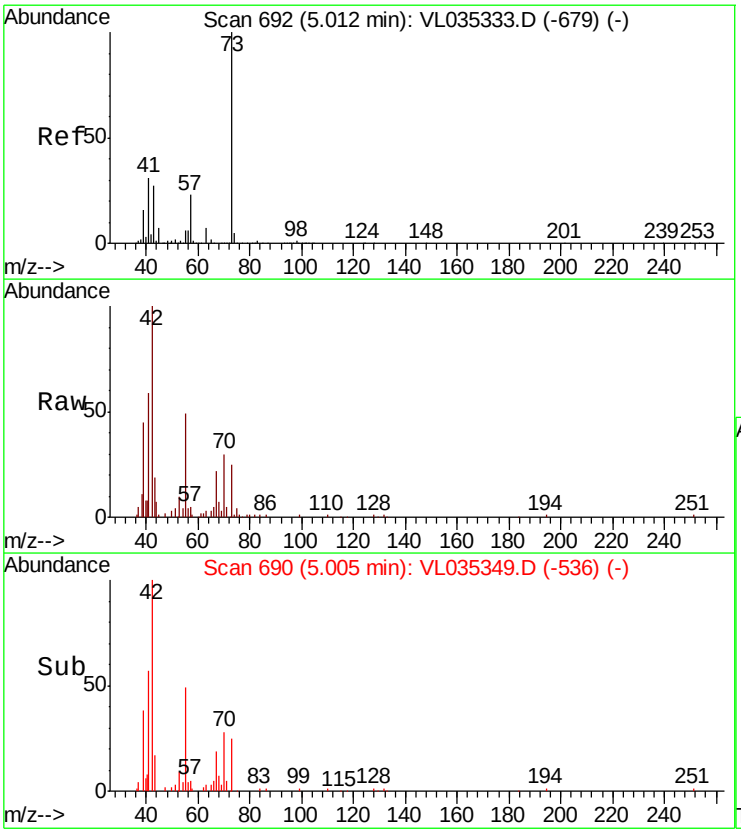
#27
Carbon Disulfide
Concen: 9.228 ppbv
RT: 4.51 min Scan# 537
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1618794

Ion	Ratio	Lower	Upper
76	100		
44	19.1	15.4	23.2
78	9.7	7.7	11.5

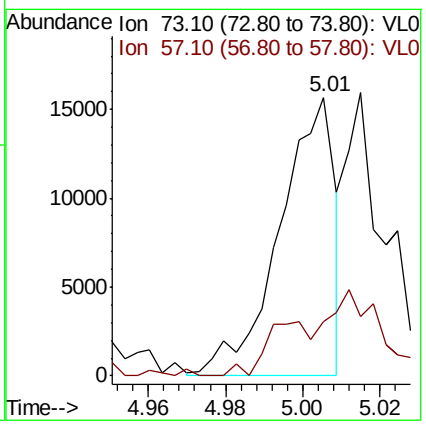


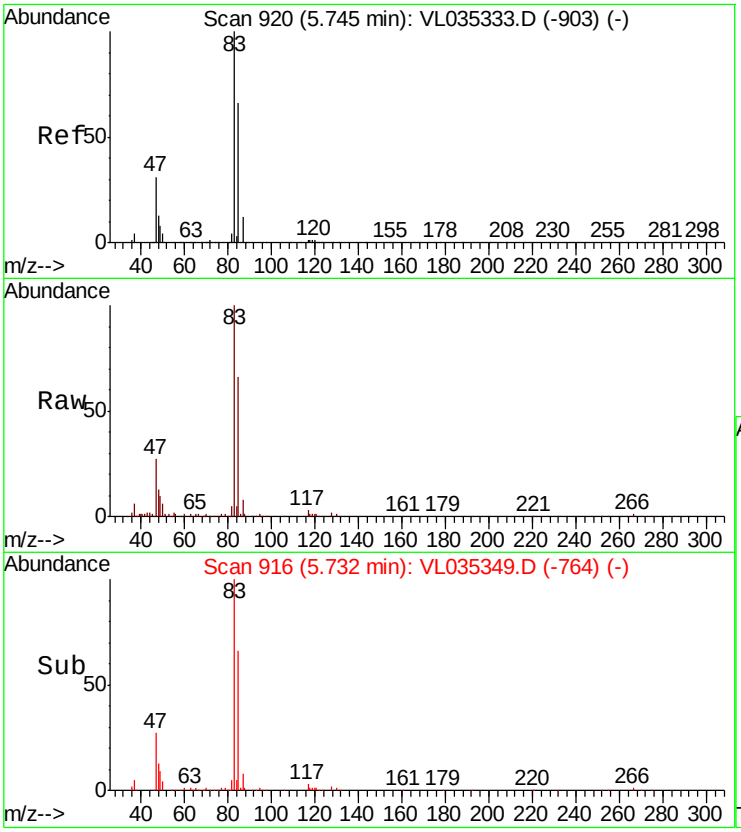


#28
Methyl tert-Butyl Ether
Concen: 0.085 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 73 Resp: 15523

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.9	26.9#

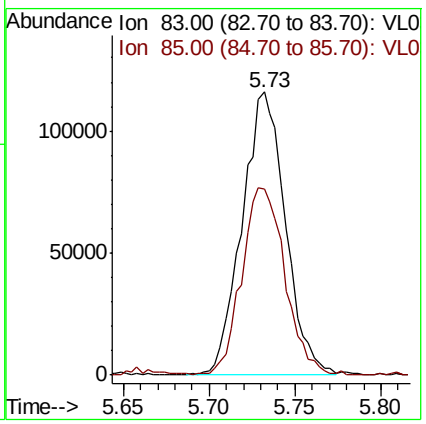




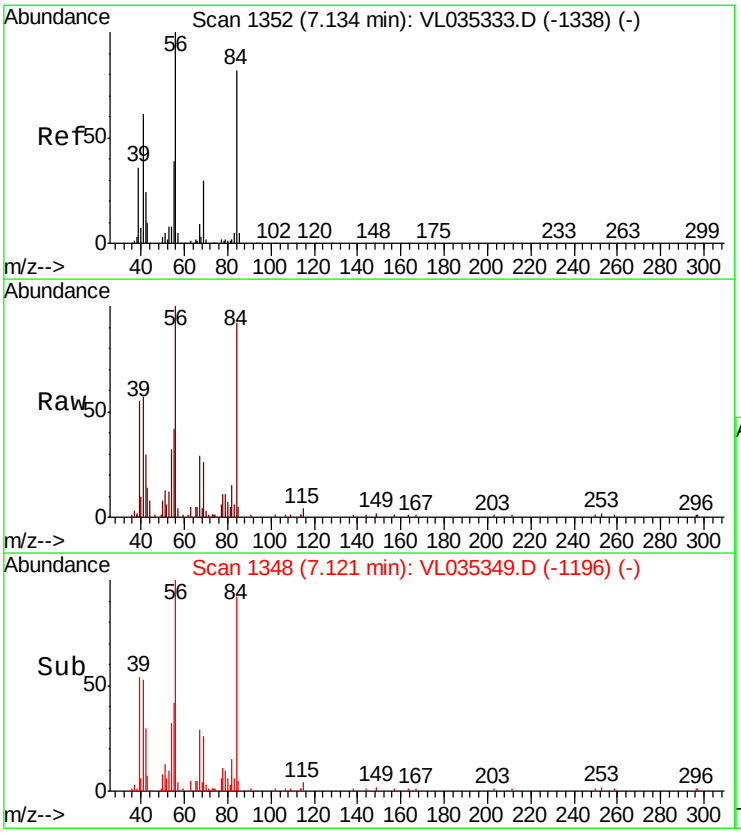
#29
Chloroform
Concen: 0.939 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 83 Resp: 203067

Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.9	79.3



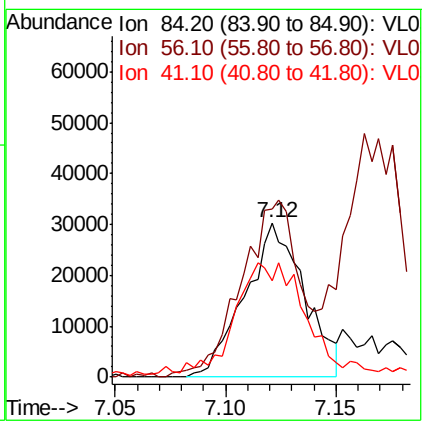
Instrument :
MSVOA_L
ClientSampleId :

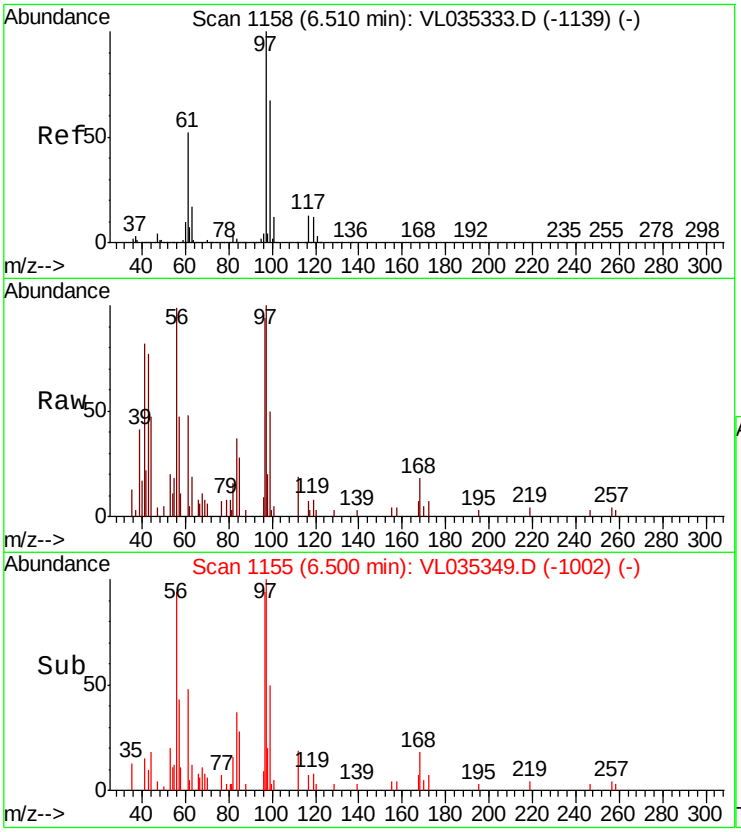


#30
Cyclohexane
Concen: 0.594 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 84 Resp: 56513

Ion	Ratio	Lower	Upper
84	100		
56	116.6	104.7	157.1
41	87.9	64.2	96.2



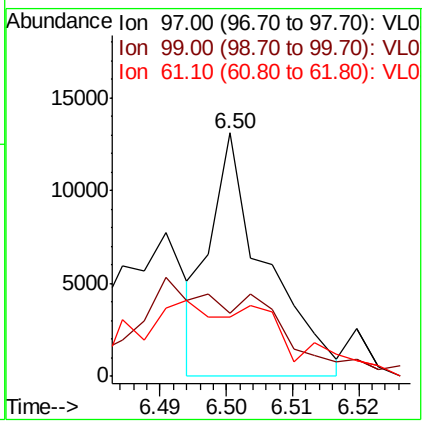


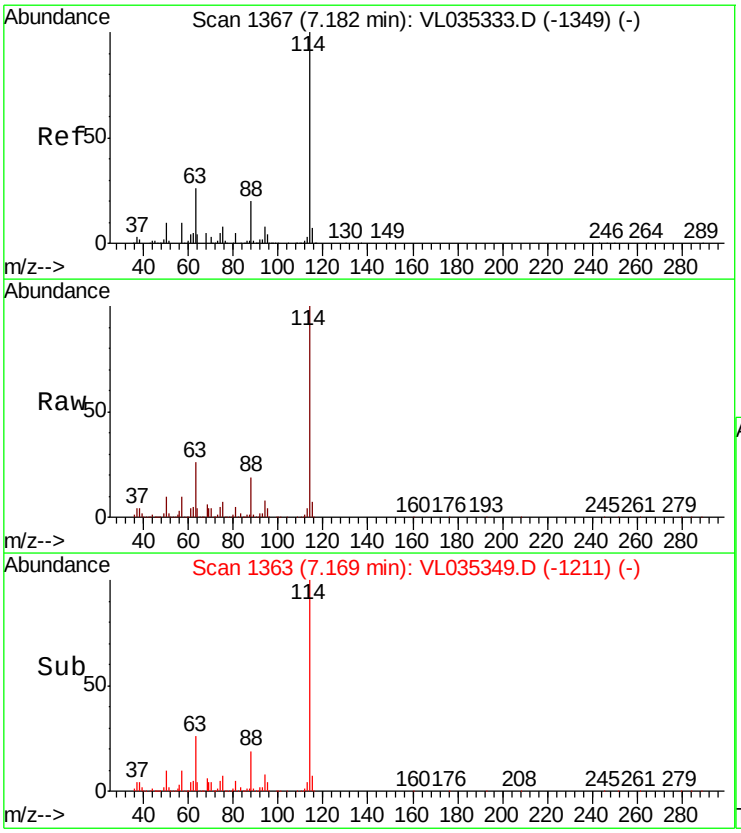
#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 7542

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.4#
61	0.0	40.9	61.3#

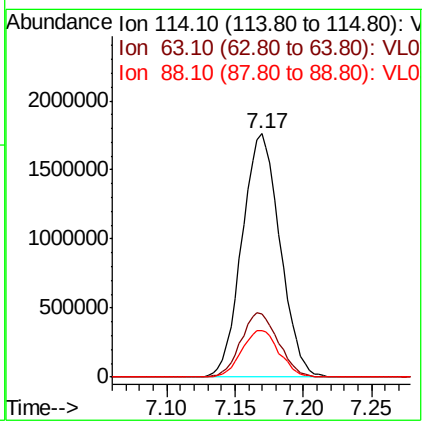


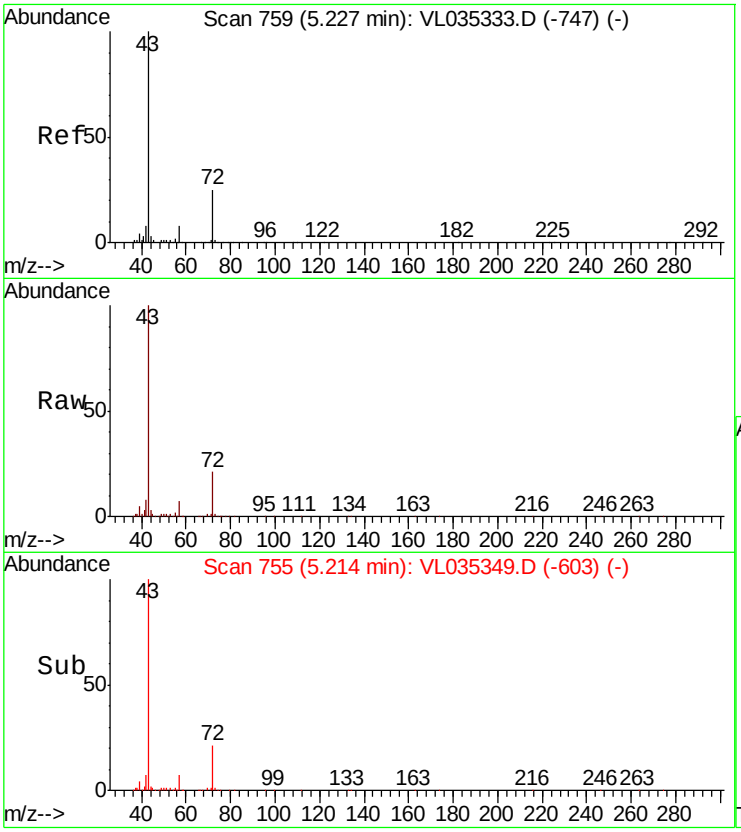


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:114 Resp: 3405523

Ion	Ratio	Lower	Upper
114	100		
63	26.0	21.3	31.9
88	19.1	15.3	22.9



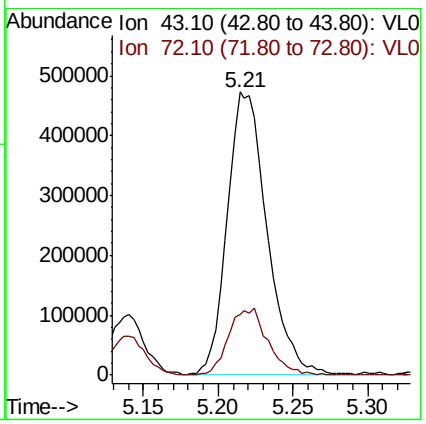


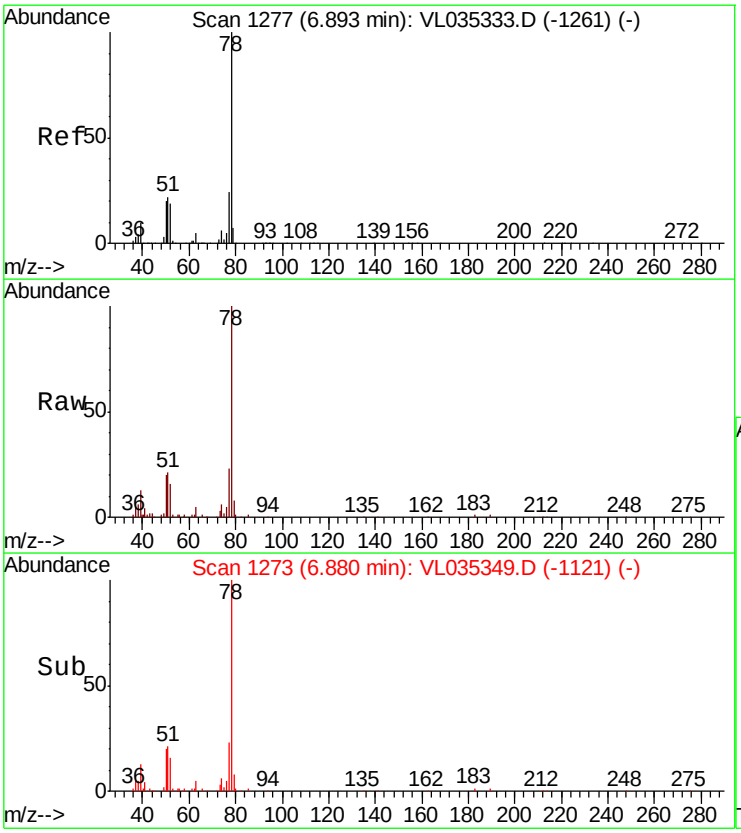
#34
2-Butanone
Concen: 5.197 ppbv
RT: 5.21 min Scan# 755
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 871417

Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.9	28.3

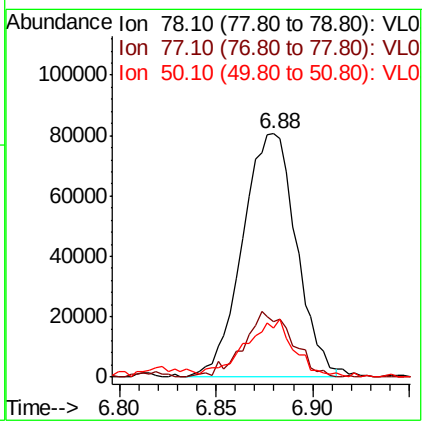


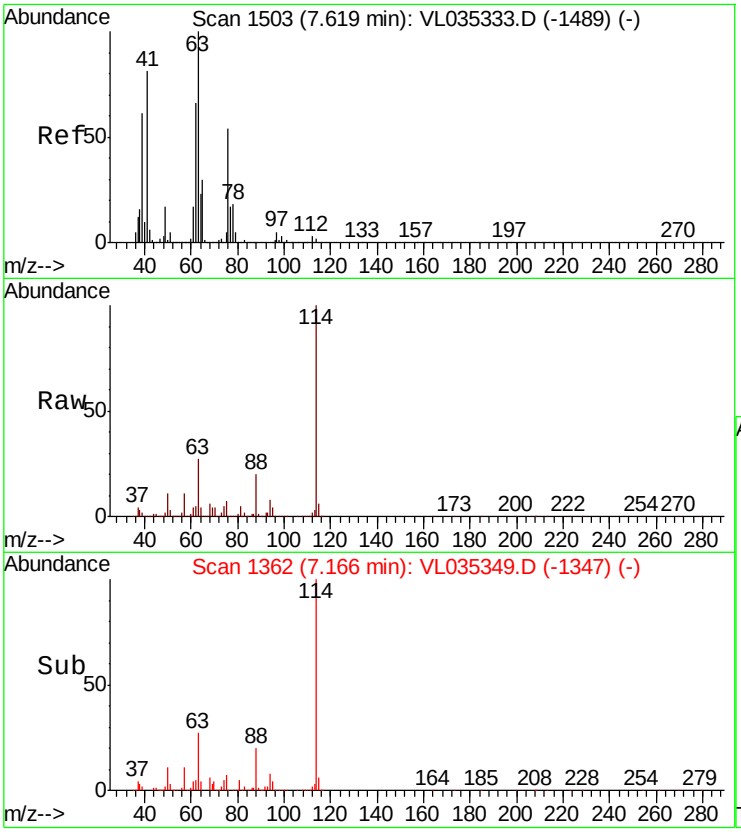


#36
Benzene
Concen: 0.678 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 78 Resp: 155897

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9
50	18.6	16.3	24.5



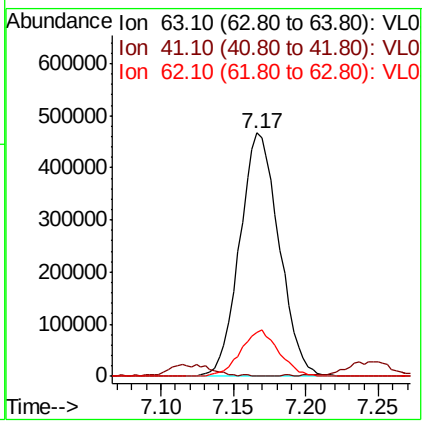


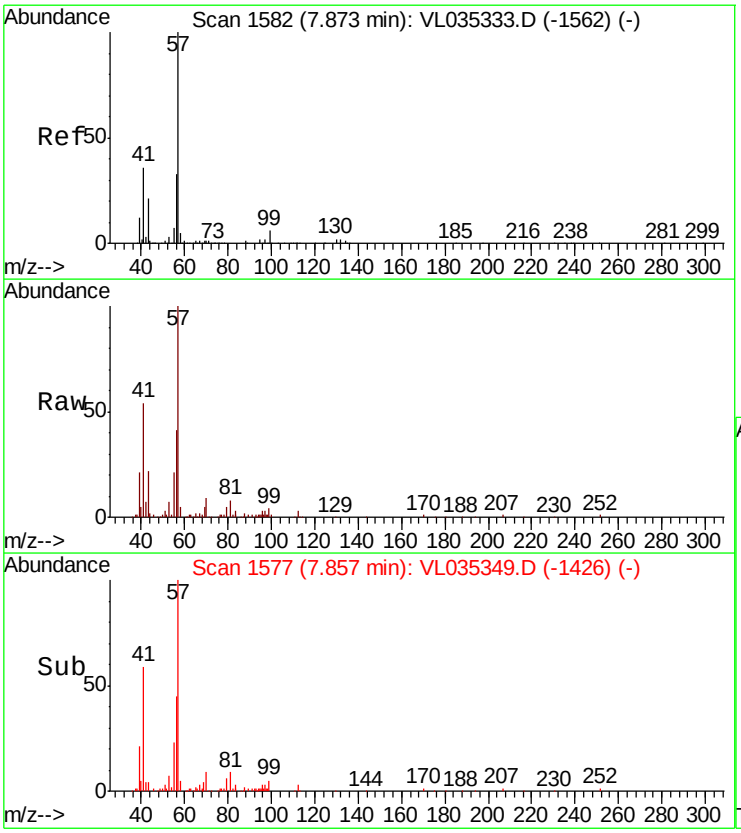
#39
1,2-Dichloropropane
Concen: 9.485 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.45 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 882968

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.4	96.6#
62	17.8	52.6	78.8#

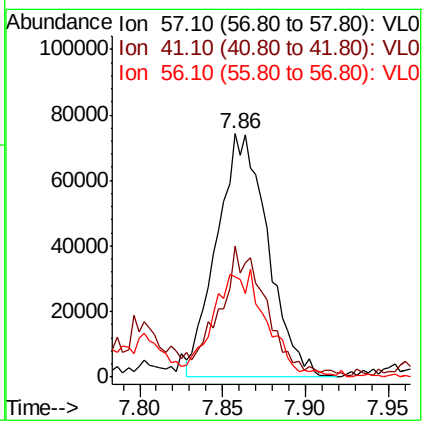


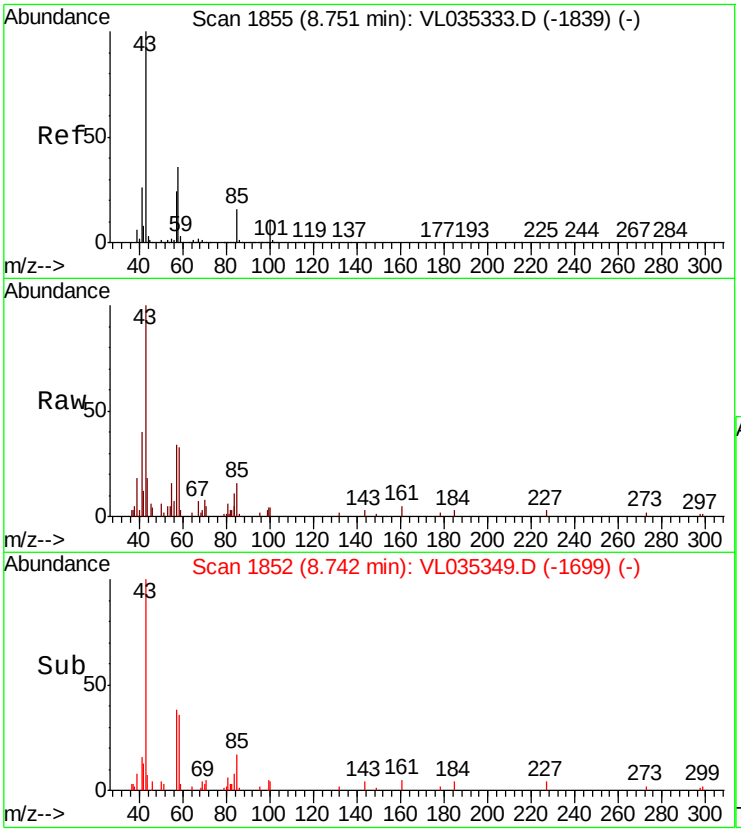


#44
2,2,4-Trimethylpentane
Concen: 0.389 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 57 Resp: 158962

Ion	Ratio	Lower	Upper
57	100		
41	47.5	27.9	41.9#
56	46.7	25.4	38.0#



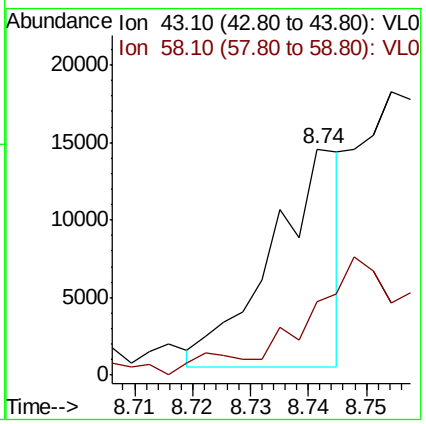


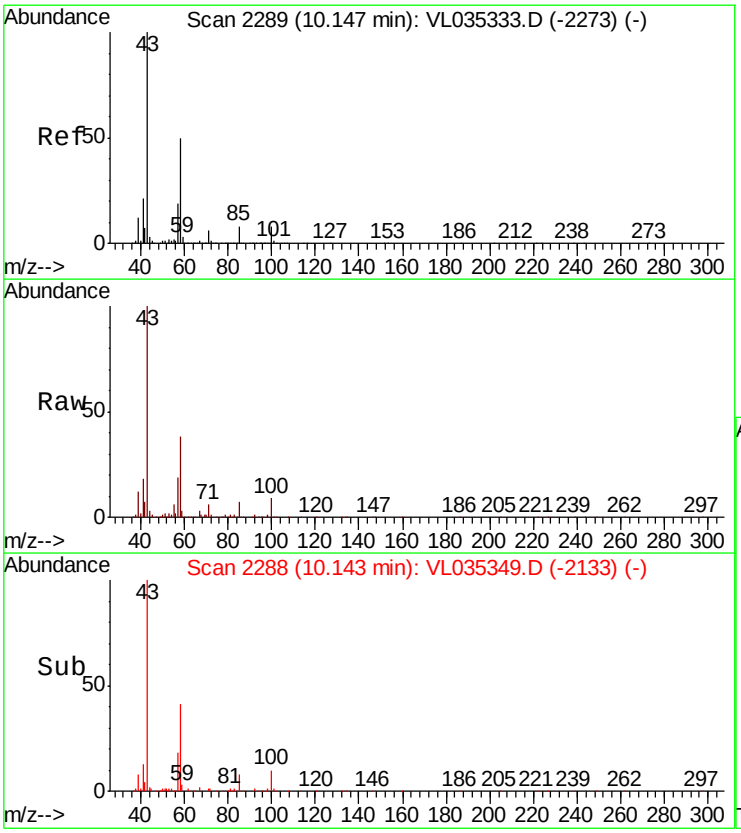
#50
4-Methyl-2-Pentanone
Concen: 0.046 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 11690

Ion	Ratio	Lower	Upper
43	100		
58	116.3	29.2	43.8#

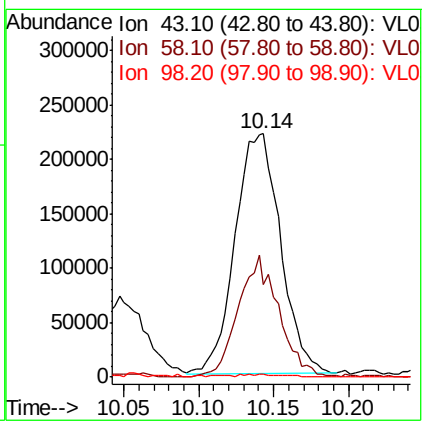


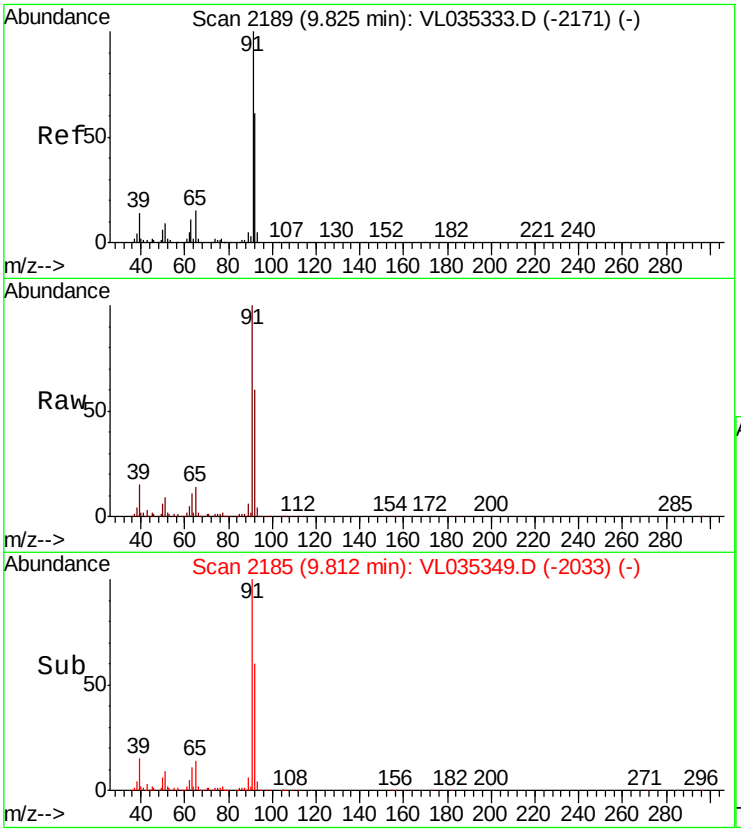


#51
2-Hexanone
Concen: 2.328 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. -0.00 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 43 Resp: 467273

Ion	Ratio	Lower	Upper
43	100		
58	46.0	39.4	59.2
98	1.6	0.2	0.4#



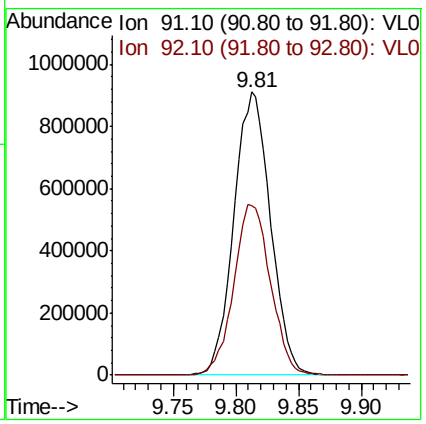


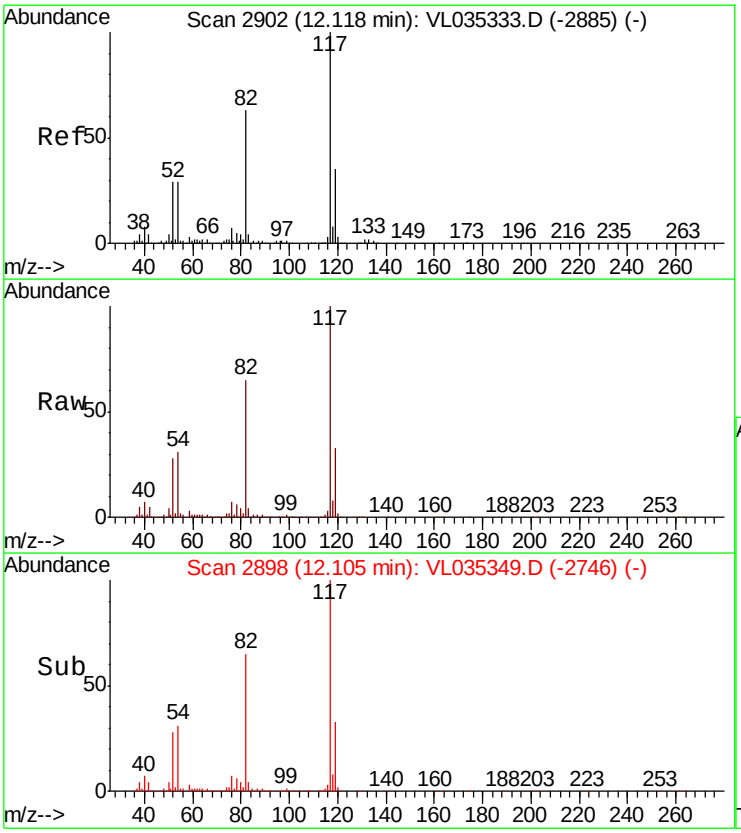
#53
Toluene
Concen: 7.375 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 1844969

Ion	Ratio	Lower	Upper
91	100		
92	60.7	48.5	72.7

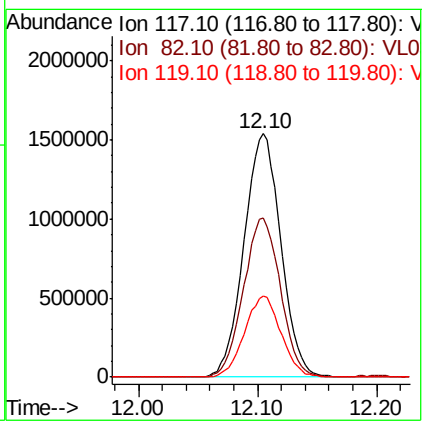


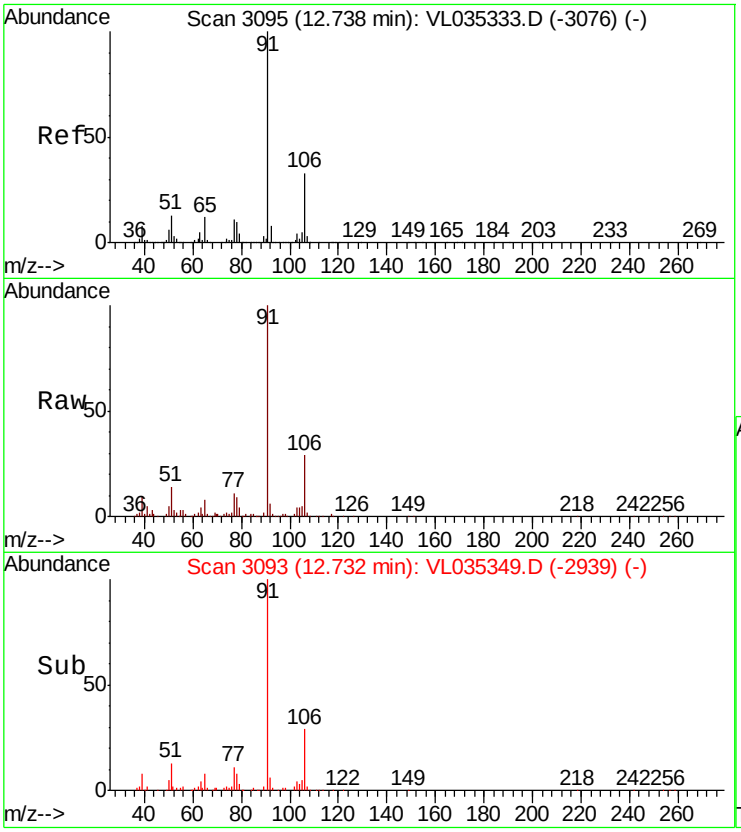


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:117 Resp: 3306061

Ion	Ratio	Lower	Upper
117	100		
82	65.6	51.0	76.4
119	33.0	24.7	37.1



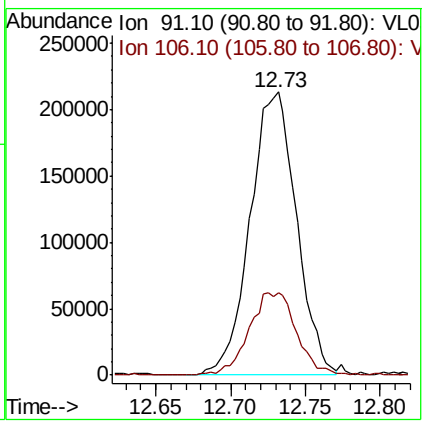


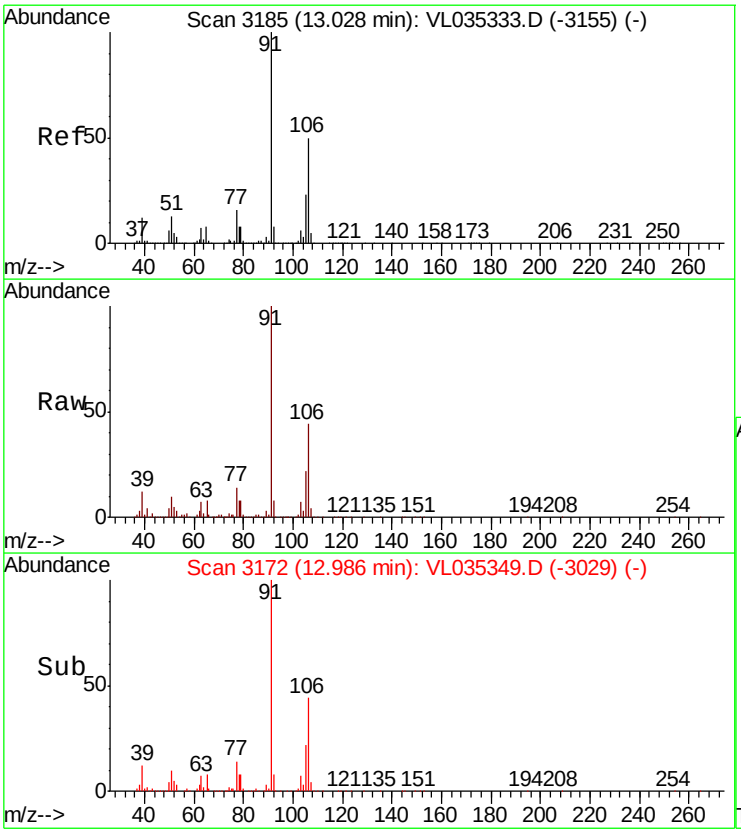
#58
Ethyl Benzene
Concen: 1.334 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 459076

Ion	Ratio	Lower	Upper
91	100		
106	29.1	26.8	40.2

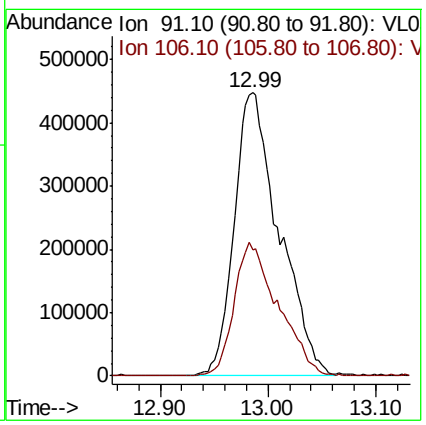


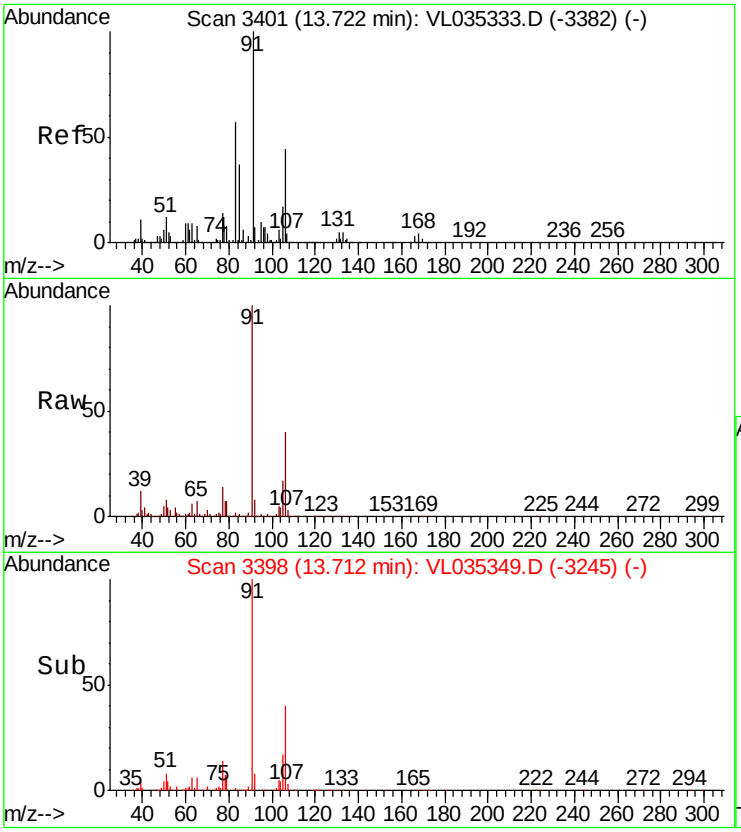


#59
m/p-Xylene
Concen: 4.036 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion: 91 Resp: 1292790

Ion	Ratio	Lower	Upper
91	100		
106	46.4	37.8	56.8



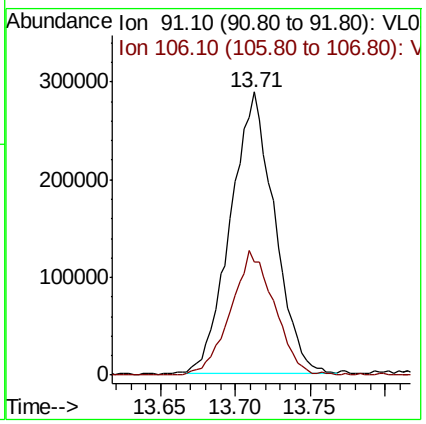


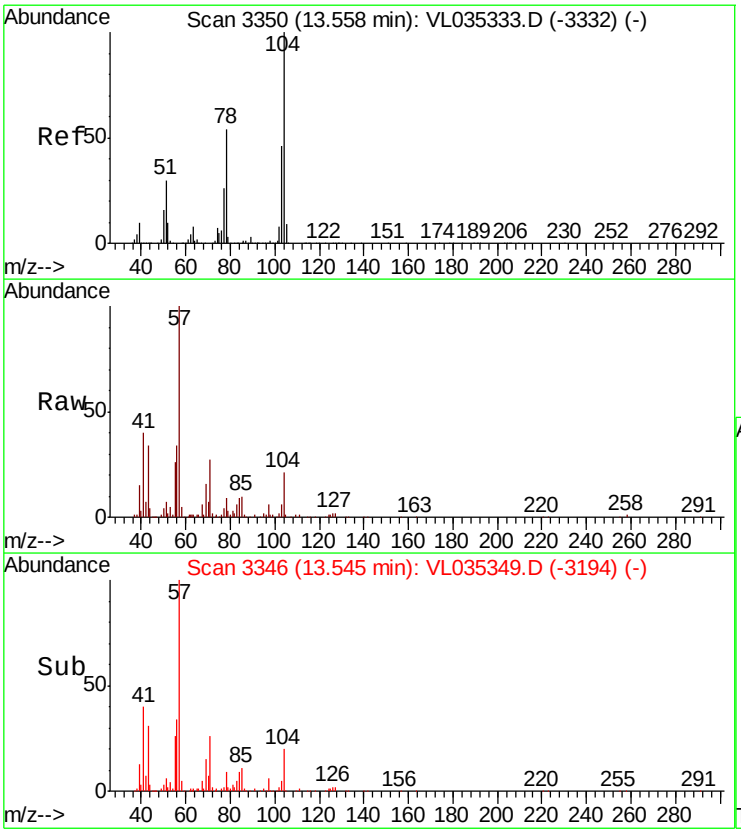
#60
o-Xylene
Concen: 1.859 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 590938

Ion	Ratio	Lower	Upper
91	100		
106	44.0	22.7	68.0

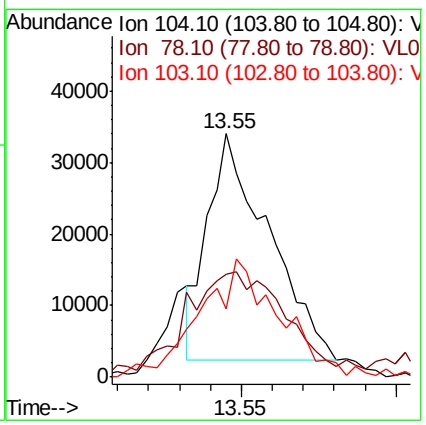


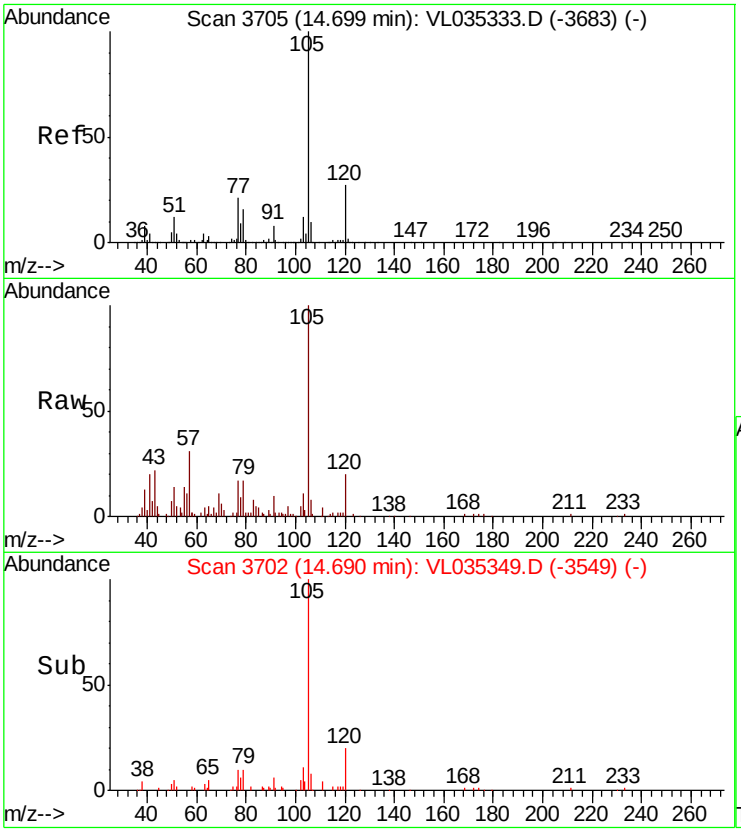


#61
Styrene
Concen: 0.223 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:104 Resp: 43331

Ion	Ratio	Lower	Upper
104	100		
78	87.9	42.6	63.8#
103	68.4	38.1	57.1#



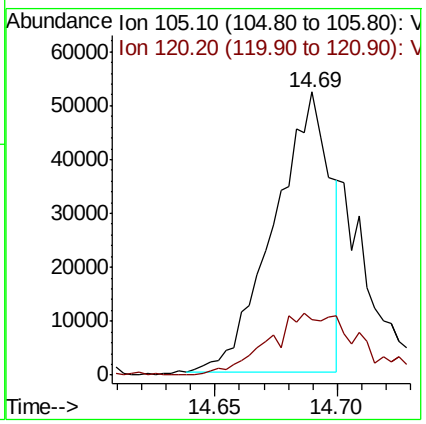


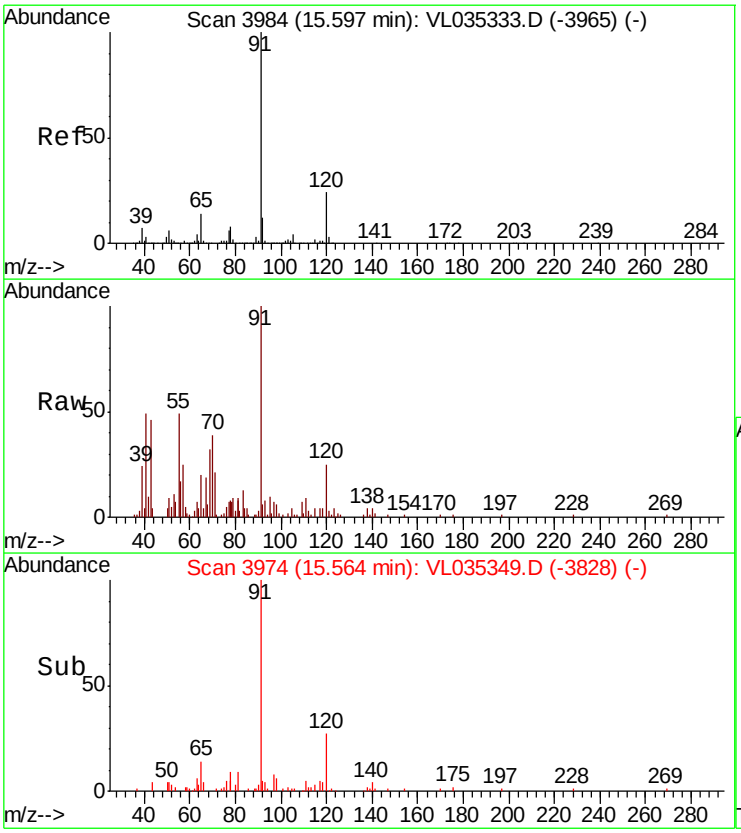
#62
Isopropylbenzene
Concen: 0.173 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 82941

Ion	Ratio	Lower	Upper
105	100		
120	35.9	21.1	31.7#

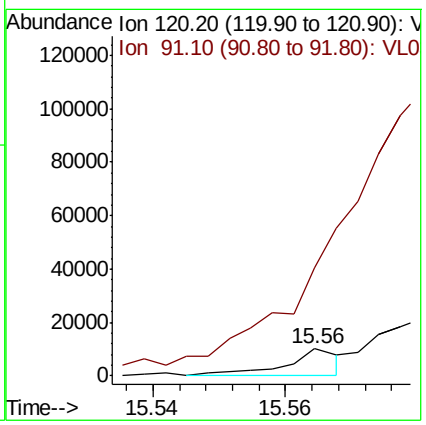


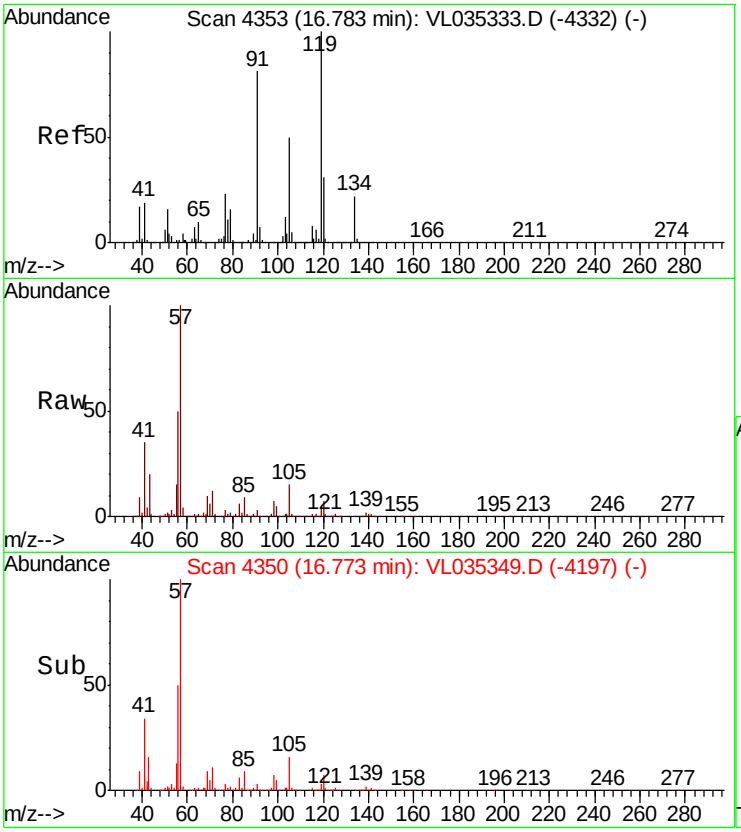


#64
n-propylbenzene
Concen: 0.044 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. -0.03 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:120 Resp: 5620

Ion	Ratio	Lower	Upper
120	100		
91	426.1	357.2	535.8



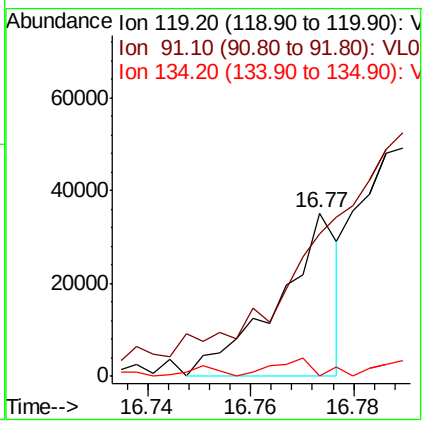


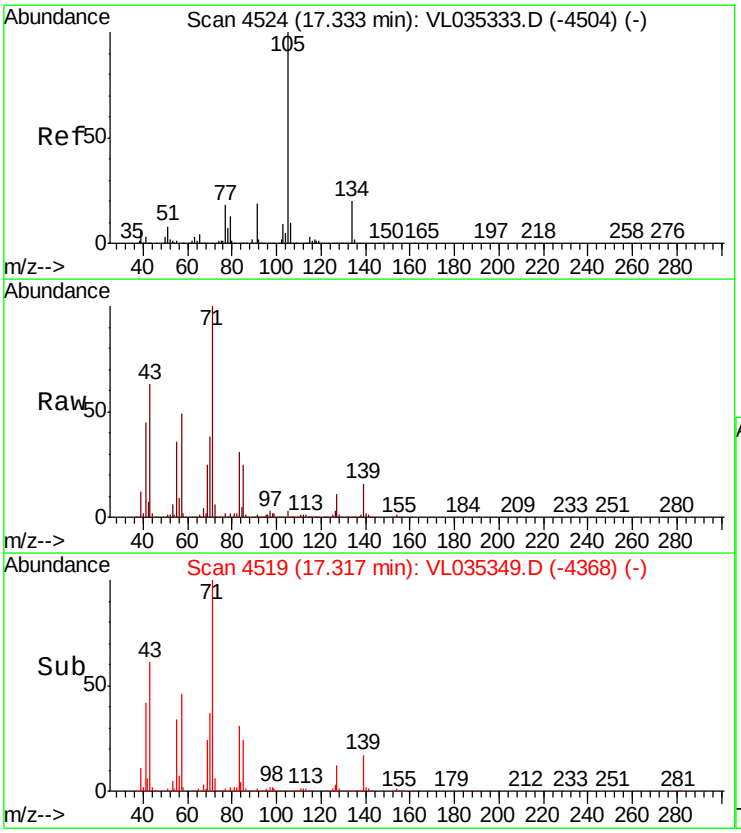
#65
tert-Butylbenzene
Concen: 0.065 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 28398

Ion	Ratio	Lower	Upper
119	100		
91	0.0	66.3	99.5#
134	26.9	16.2	24.2#

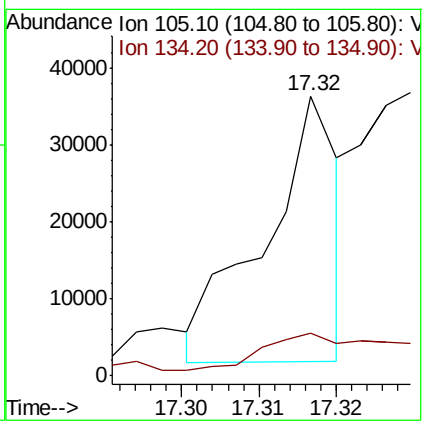


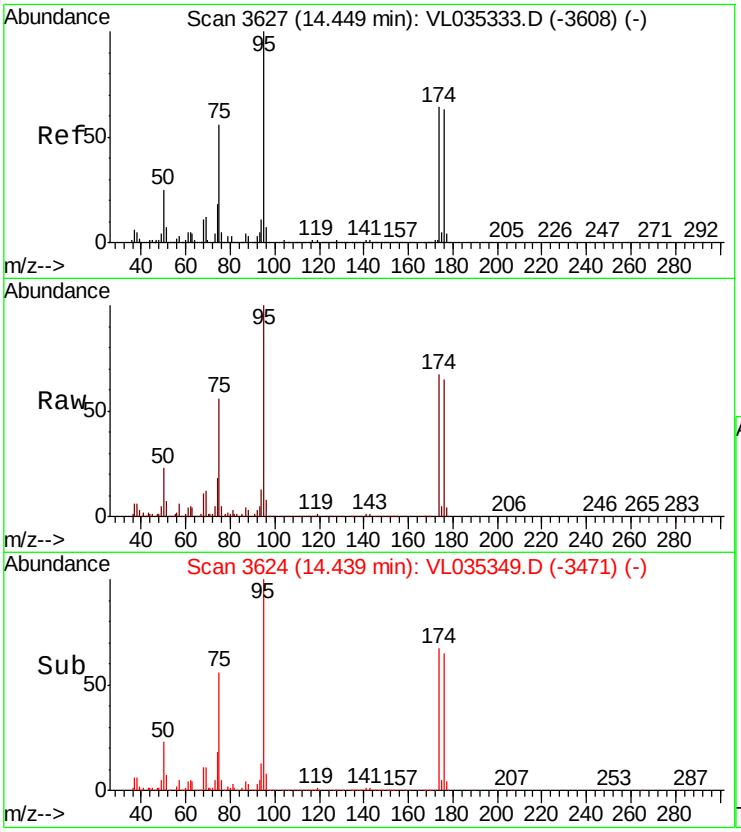


#67
sec-Butylbenzene
Concen: 0.037 ppbv
RT: 17.32 min Scan# 4519
Delta R.T. -0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:105 Resp: 22856

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.4	23.2#



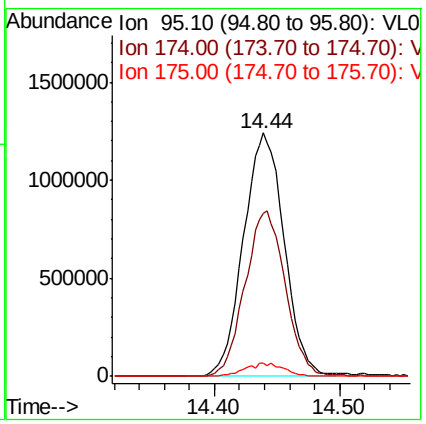


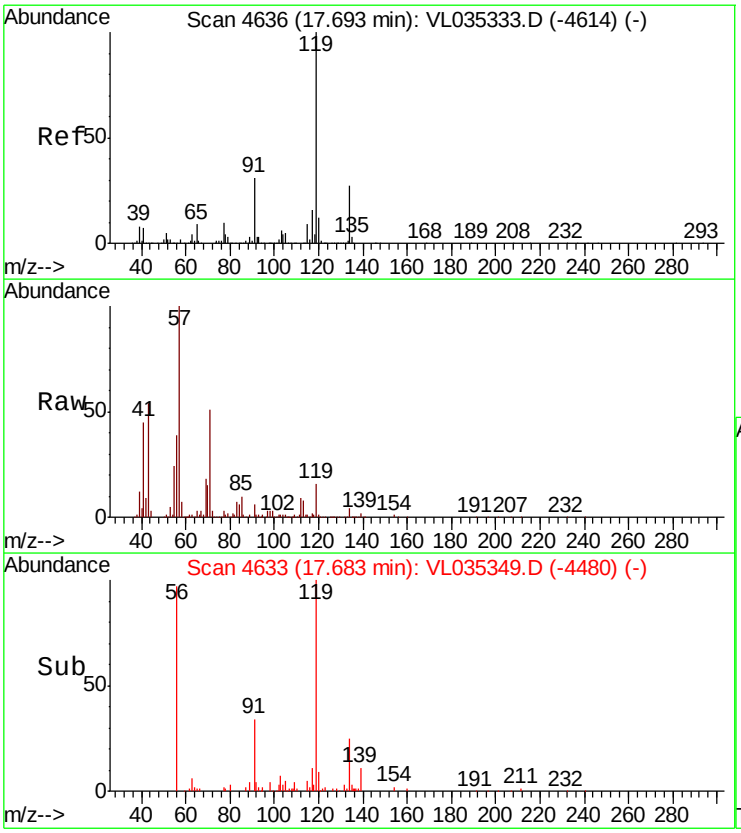
#68
1-Bromo-4-Fluorobenzene
Concen: 10.127 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2791950

Ion	Ratio	Lower	Upper
95	100		
174	67.9	53.5	80.3
175	5.3	4.2	6.2

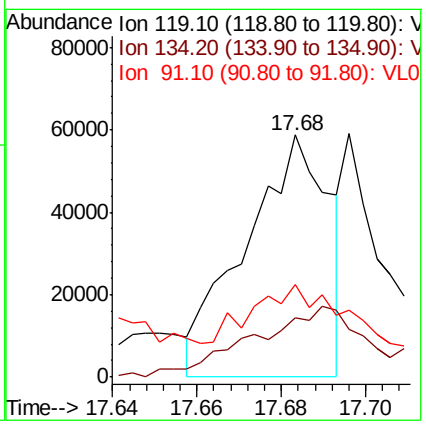


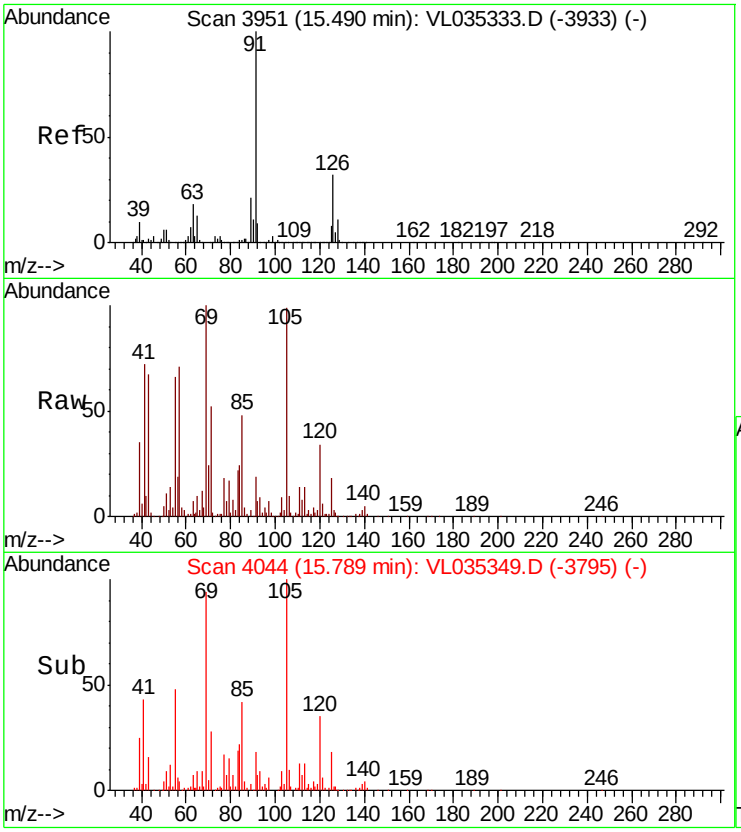


#69
p-Isopropyltoluene
Concen: 0.160 ppbv
RT: 17.68 min Scan# 4633
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:119 Resp: 80690

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.1	31.7#
91	67.5	24.5	36.7#



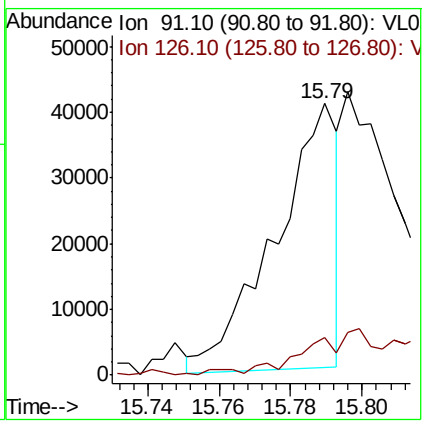


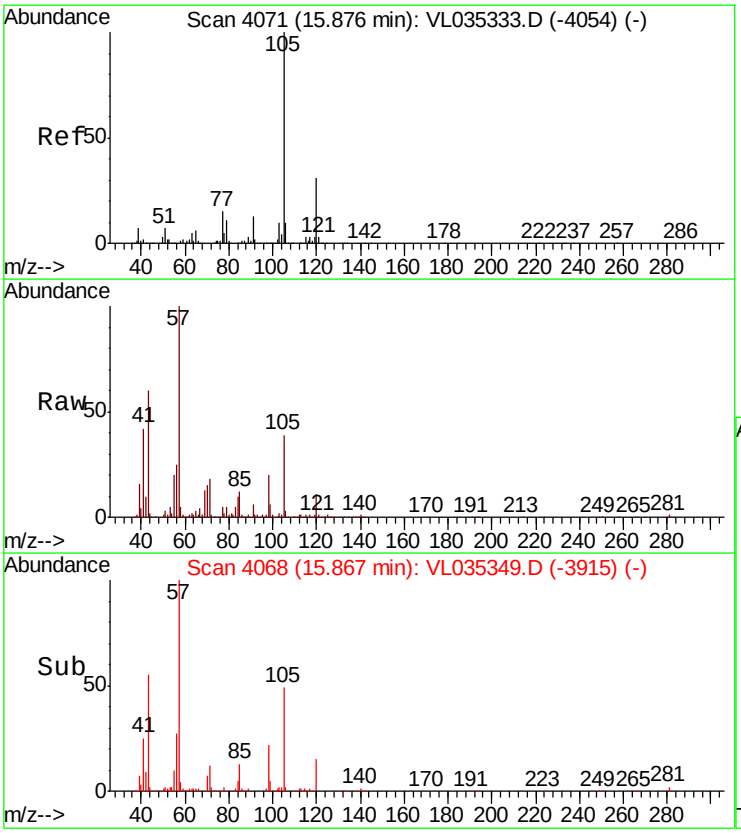
#71
2-Chlorotoluene
Concen: 0.138 ppbv
RT: 15.79 min Scan# 4044
Delta R.T. 0.30 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 48454

Ion	Ratio	Lower	Upper
91	100		
126	20.0	12.5	50.1

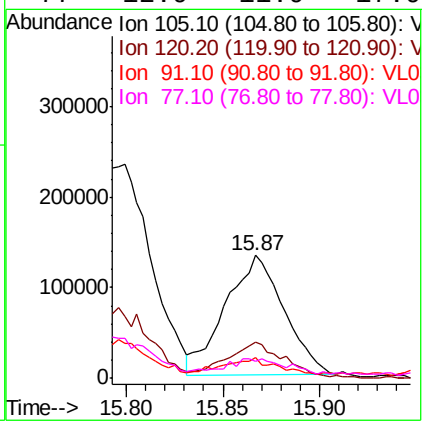


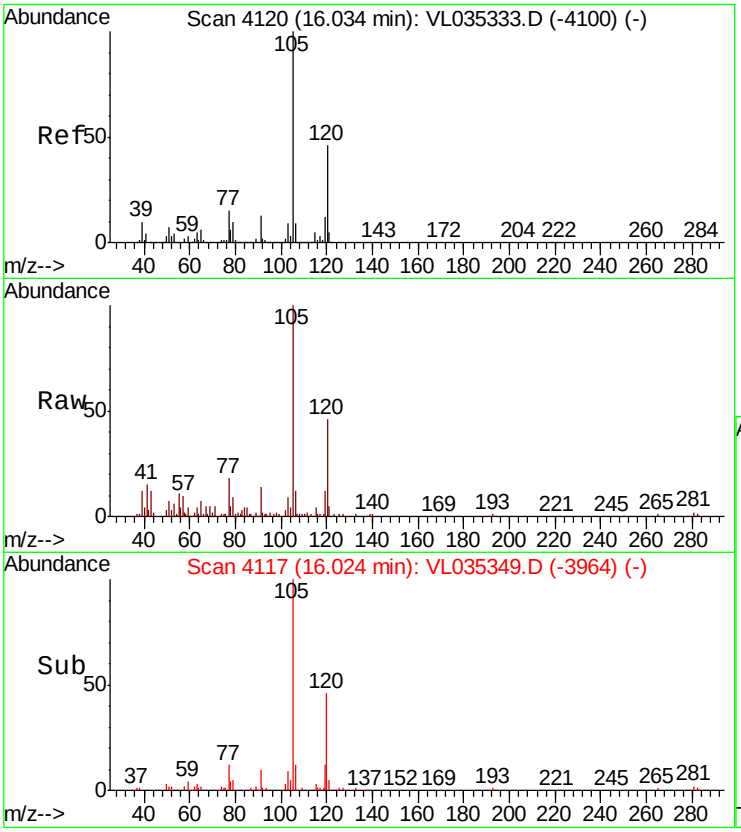


#72
4-Ethyltoluene
Concen: 0.773 ppbv
RT: 15.87 min Scan# 4068
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:105 Resp: 280038

Ion	Ratio	Lower	Upper
105	100		
120	30.2	24.0	36.0
91	15.2	10.8	16.2
77	12.9	11.9	17.9



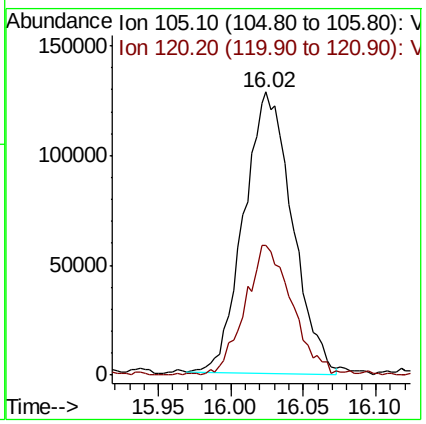


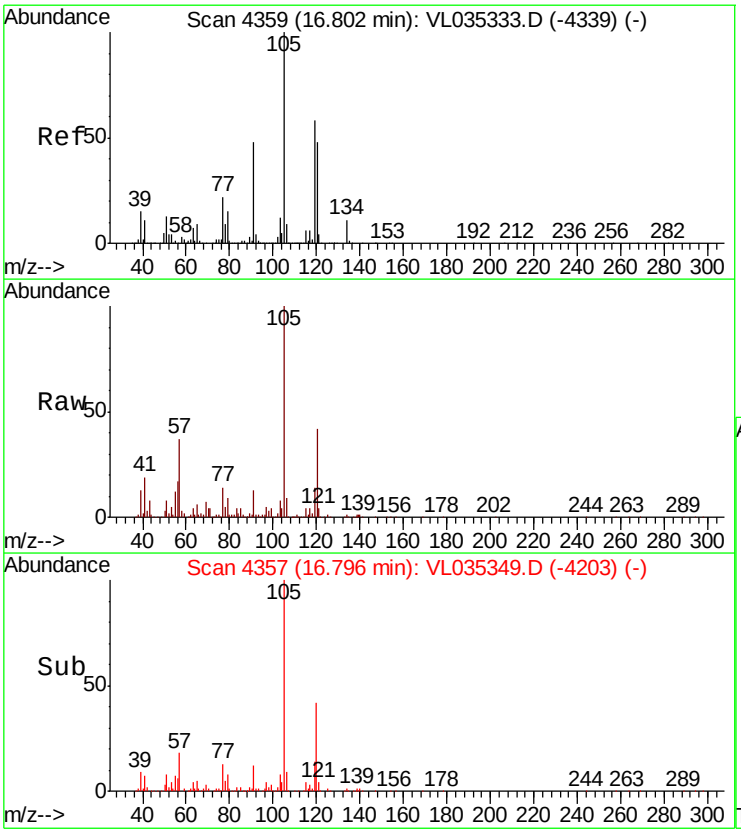
#73
1,3,5-Trimethylbenzene
Concen: 0.859 ppbv
RT: 16.02 min Scan# 4117
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 298787

Ion	Ratio	Lower	Upper
105	100		
120	45.8	36.9	55.3

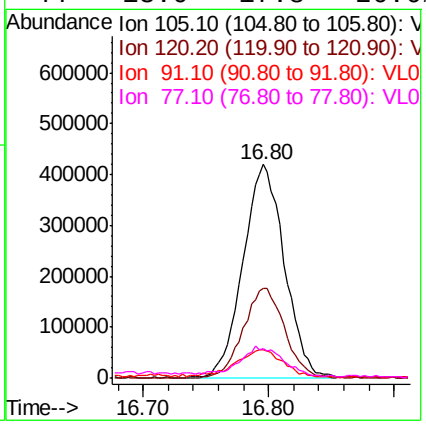


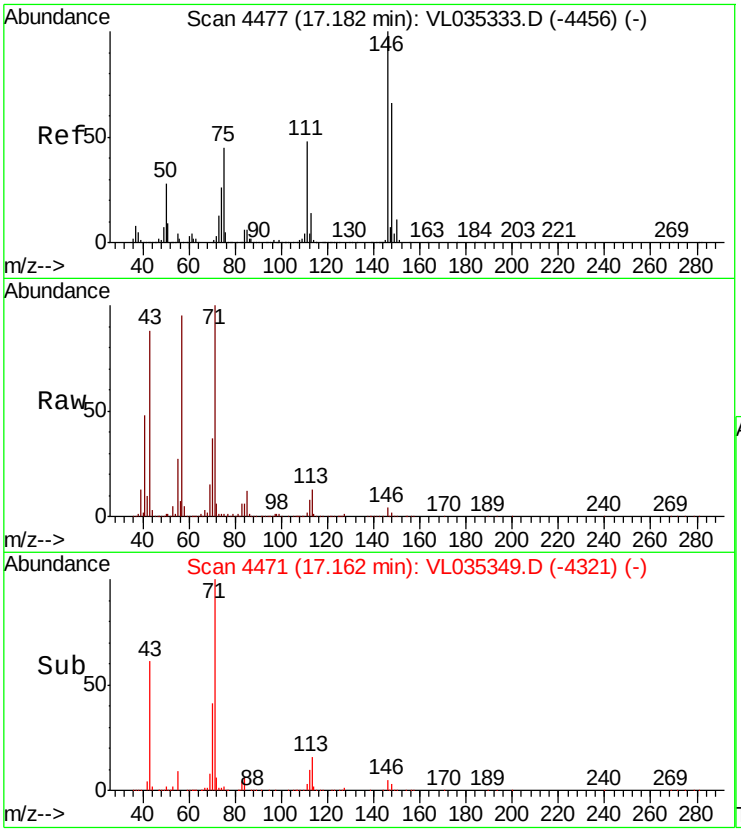


#74
1,2,4-Trimethylbenzene
Concen: 2.411 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:105 Resp: 958121

Ion	Ratio	Lower	Upper
105	100		
120	42.2	38.5	57.7
91	12.1	39.0	58.6#
77	13.0	17.8	26.6#



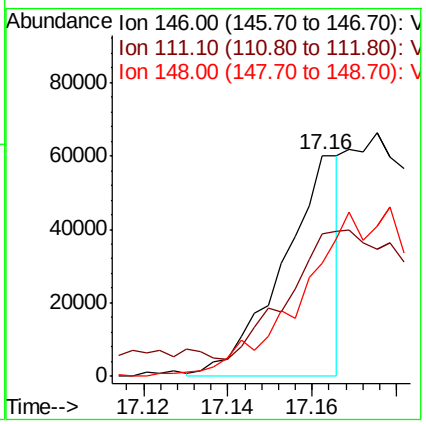


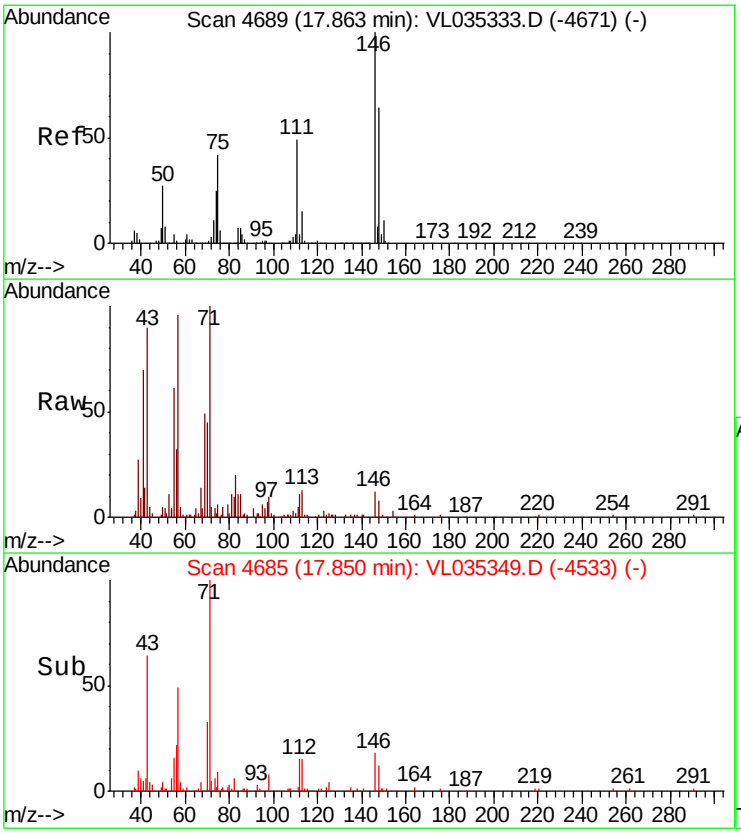
#76
1,4-Dichlorobenzene
Concen: 0.234 ppbv
RT: 17.16 min Scan# 4471
Delta R.T. -0.02 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 56248

Ion	Ratio	Lower	Upper
146	100		
111	168.7	23.3	69.9#
148	0.0	32.1	96.5#

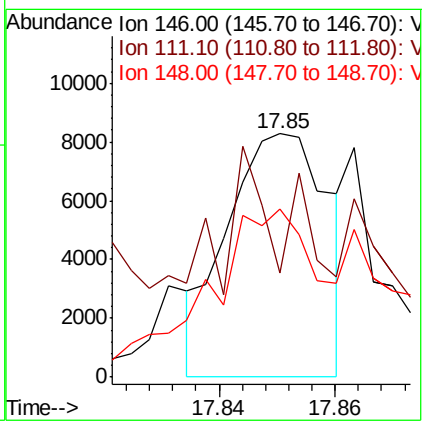


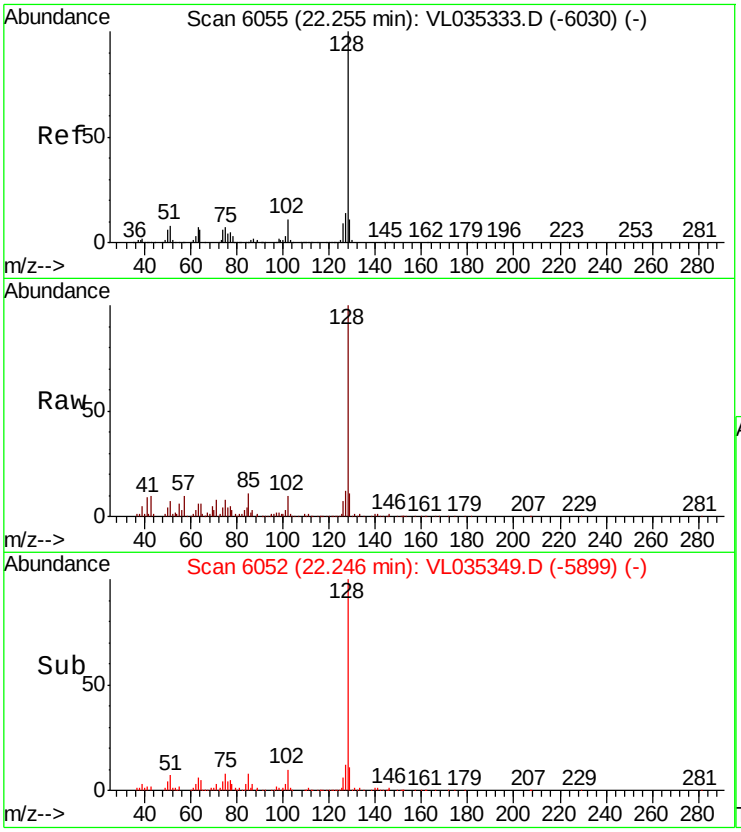


#77
1,2-Dichlorobenzene
Concen: 0.041 ppbv
RT: 17.85 min Scan# 4685
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:146 Resp: 9953

Ion	Ratio	Lower	Upper
146	100		
111	126.0	24.9	74.7#
148	120.6	31.9	95.9#



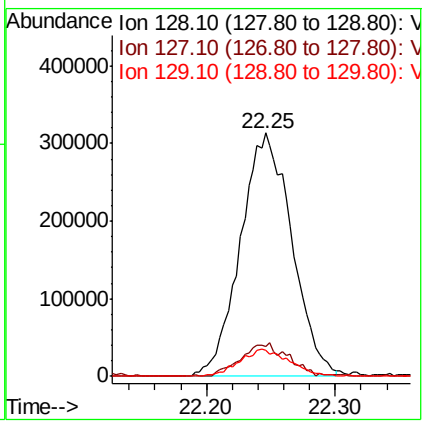


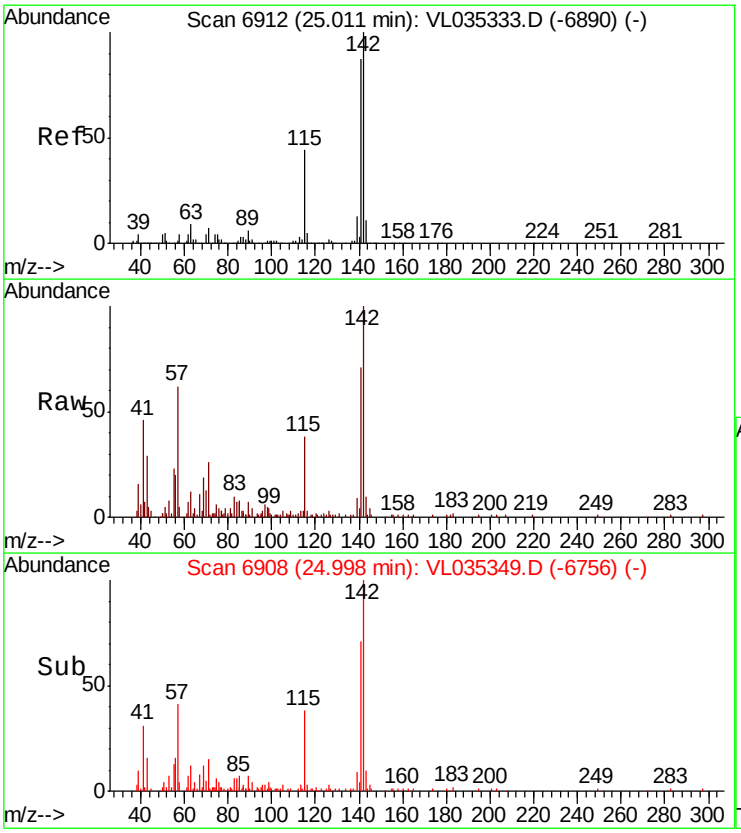
#79
Naphthalene
Concen: 2.818 ppbv
RT: 22.25 min Scan# 6052
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 861462

Ion	Ratio	Lower	Upper
128	100		
127	11.9	11.1	16.7
129	10.7	8.7	13.1





#80
Naphthalene,2-methyl-
Concen: 1.374 ppbv
RT: 25.00 min Scan# 6908
Delta R.T. -0.01 min
Lab File: VL035349.D
Acq: 6 Aug 2020 14:32

Tgt Ion:142 Resp: 95560

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.0	103.6
115	42.5	35.5	53.3