Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052220\
Data File : VL035085.D
Acq On : 22 May 2020 15:24
Operator : SY/AP
Sample : L2739-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 22 23:15:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1015964	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.17	114	2392273	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.10	117	2255423	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	1917434	10.50	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	6775	0.047	ppbv		95
3) Chlorodifluoromethane	2.92	51	37698	0.325	ppbv	#	65
4) Chloromethane	3.10	50	5390	0.081	ppbv	#	72
9) Propene	2.97	41	13078	0.260	ppbv		88
10) Heptane	8.11	43	4987	0.040	ppbv	#	26
13) Ethanol	3.56	45	438068	26.375	ppbv		99
15) Acetone	3.83	43	1414623	10.532	ppbv	#	60
17) tert-Butyl alcohol	4.26	59	6568	0.055	ppbv	#	71
19) Isopropyl Alcohol	3.93	45	794293	8.868	ppbv	#	98
20) Methylene Chloride	4.31	84	92875	2.089	ppbv		93
21) Allyl Chloride	4.09	41	1435877	18.926	ppbv	#	51
25) Ethyl Acetate	5.66	43	139391	0.618	ppbv	#	97
26) Hexane	5.66	57	98136	1.003	ppbv	#	68
27) Carbon Disulfide	4.52	76	15403	0.134	ppbv	#	41
34) 2-Butanone	5.22	43	24727	0.166	ppbv	#	81
37) 1,2-Dichloroethane	6.29	62	3926	0.032	ppbv	#	82
39) 1,2-Dichloropropane	7.17	63	656585	8.304	ppbv	#	25
53) Toluene	9.81	91	444054	2.124	ppbv		98
58) Ethyl Benzene	12.72	91	28552	0.102	ppbv		91
59) m/p-Xylene	13.01	91	24950	0.102	ppbv	#	8
60) o-Xylene	13.71	91	16437	0.068	ppbv	#	40
61) Styrene	13.55	104	22242	0.145	ppbv	#	66

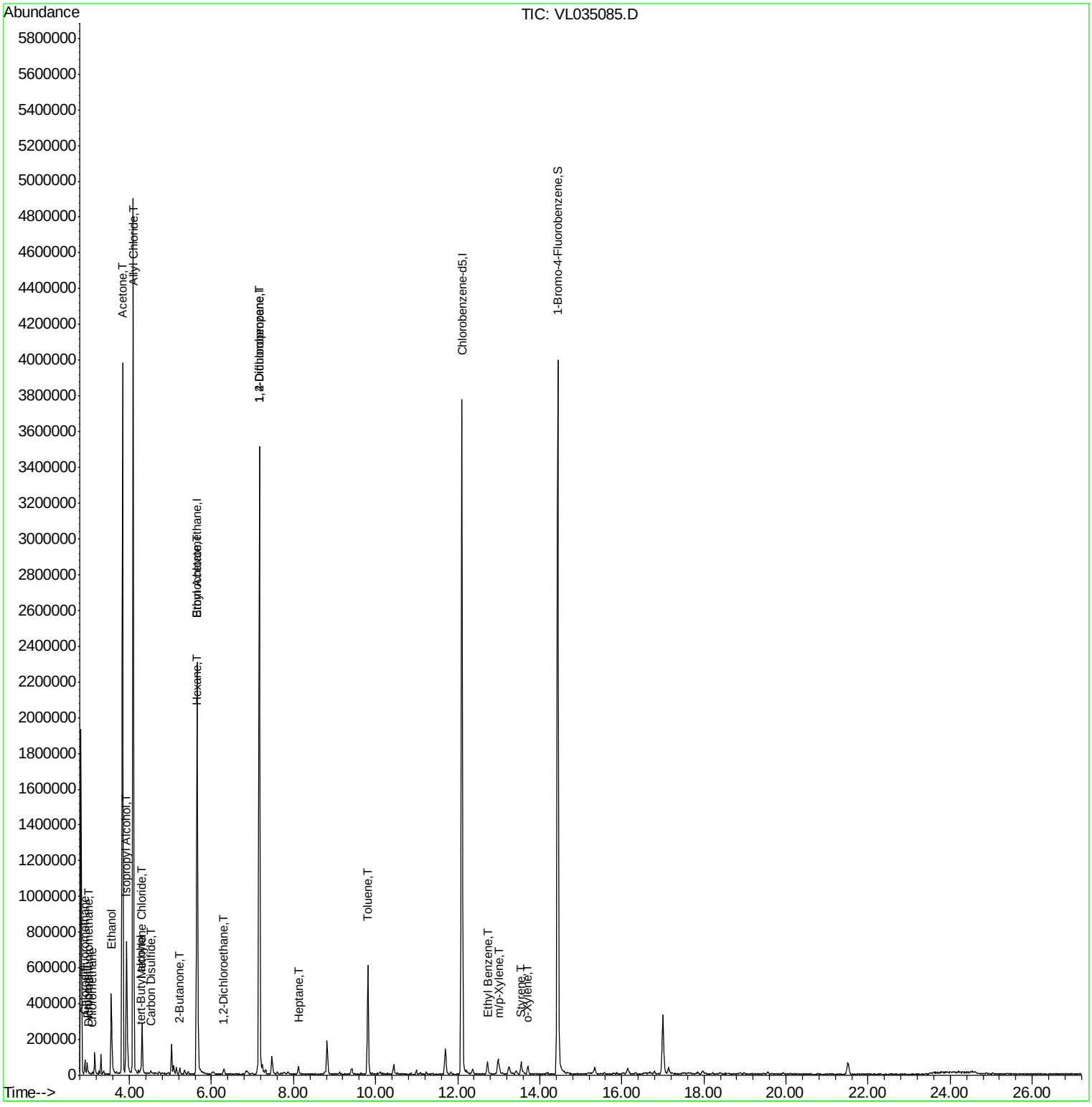
(#) = qualifier out of range (m) = manual integration (+) = signals summed

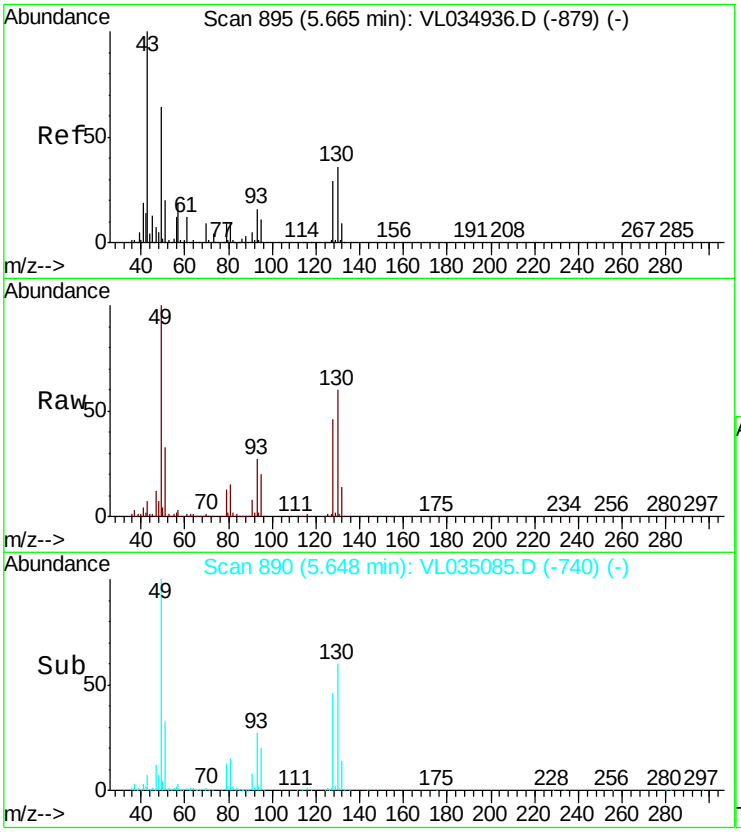
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052220\
Data File : VL035085.D
Acq On : 22 May 2020 15:24
Operator : SY/AP
Sample : L2739-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 22 23:15:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration



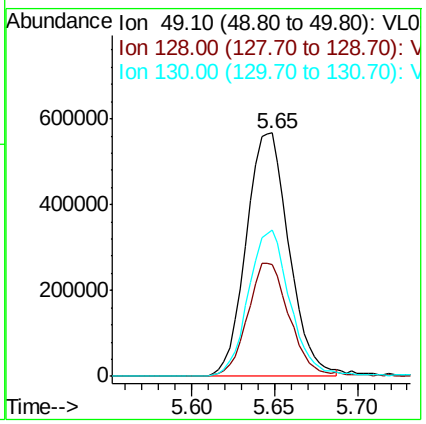


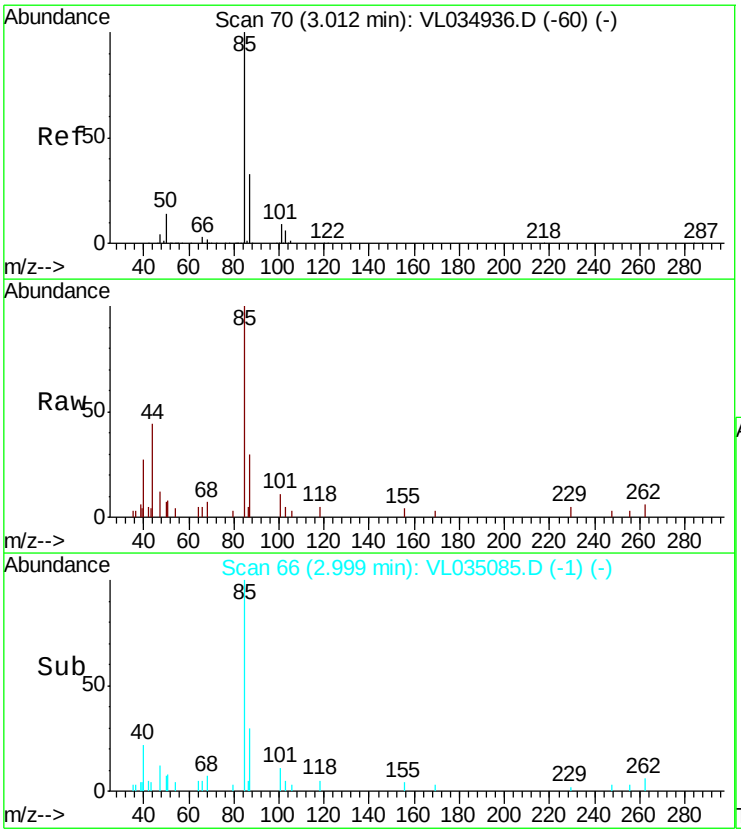
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1015964

Ion	Ratio	Lower	Upper
49	100		
128	46.1	22.1	66.5
130	59.2	29.1	87.3

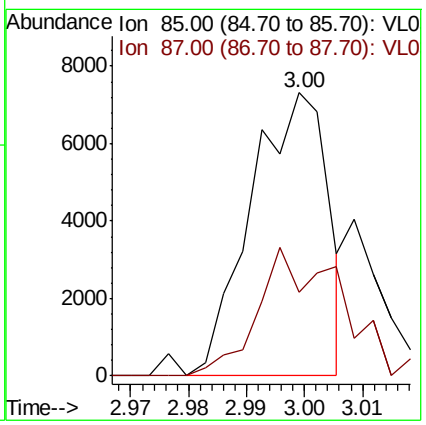


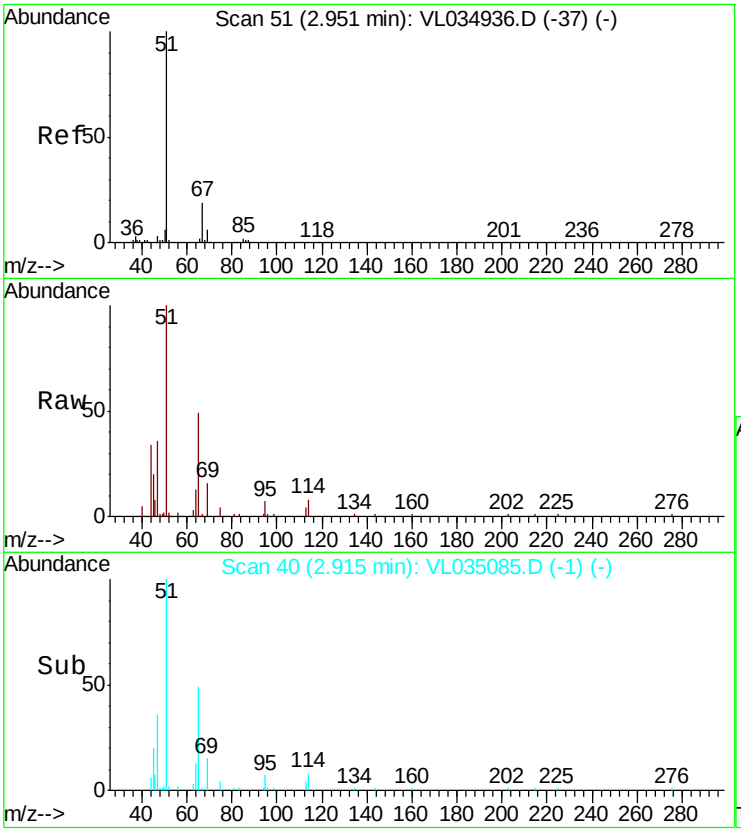


#2
Dichlorodifluoromethane
Concen: 0.047 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 85 Resp: 6775

Ion	Ratio	Lower	Upper
85	100		
87	29.7	26.2	39.2

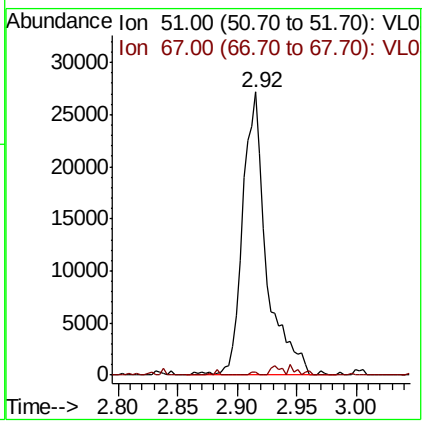




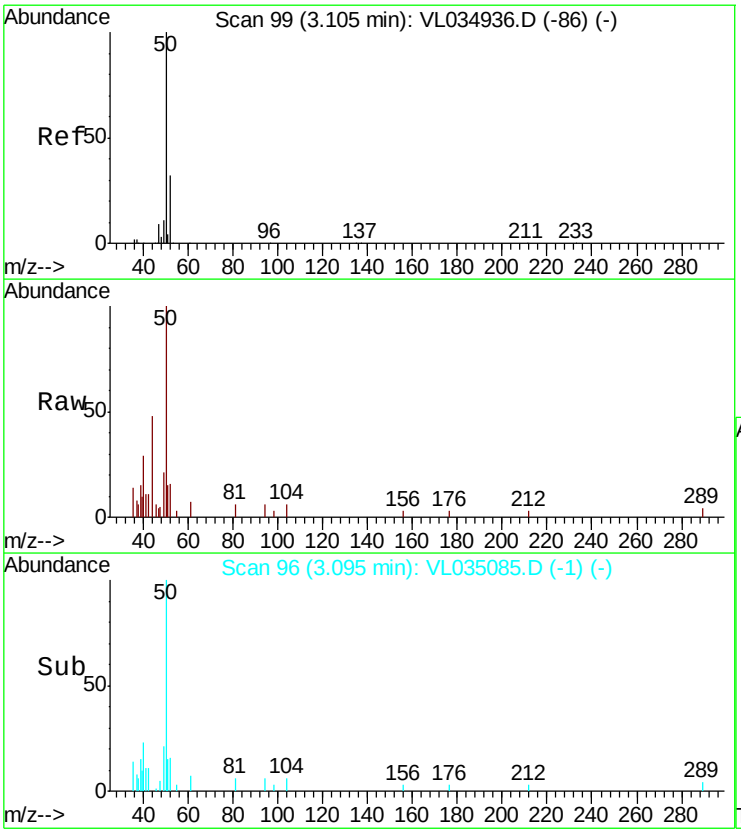
#3
Chlorodifluoromethane
Concen: 0.325 ppbv
RT: 2.92 min Scan# 40
Delta R.T. -0.04 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 51 Resp: 37698

Ion	Ratio	Lower	Upper
51	100		
67	3.1	15.0	22.6#



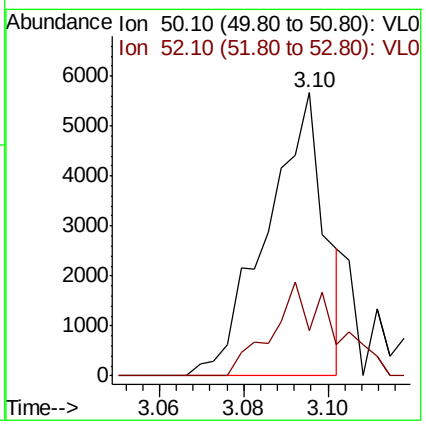
Instrument :
MSVOA_L
ClientSampleId :

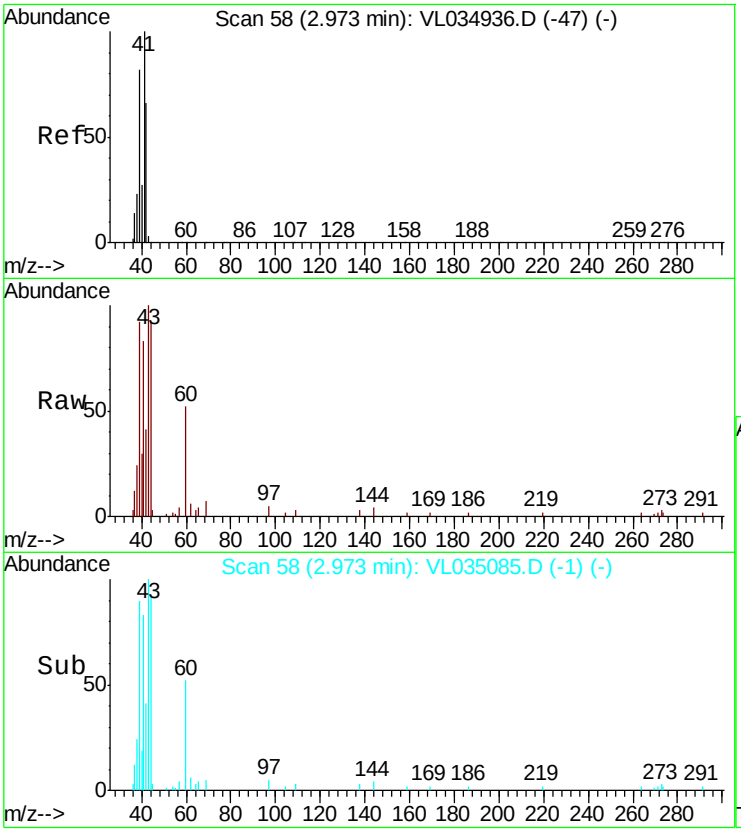


#4
Chloromethane
Concen: 0.081 ppbv
RT: 3.10 min Scan# 96
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 50 Resp: 5390

Ion	Ratio	Lower	Upper
50	100		
52	16.1	25.4	38.2#



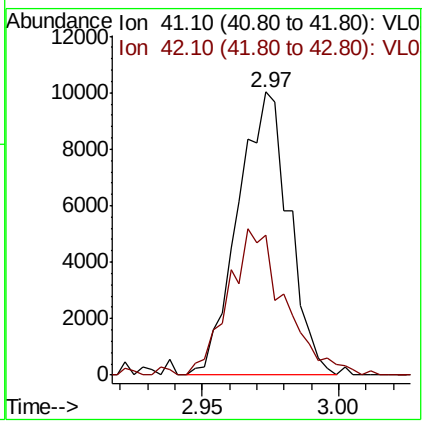


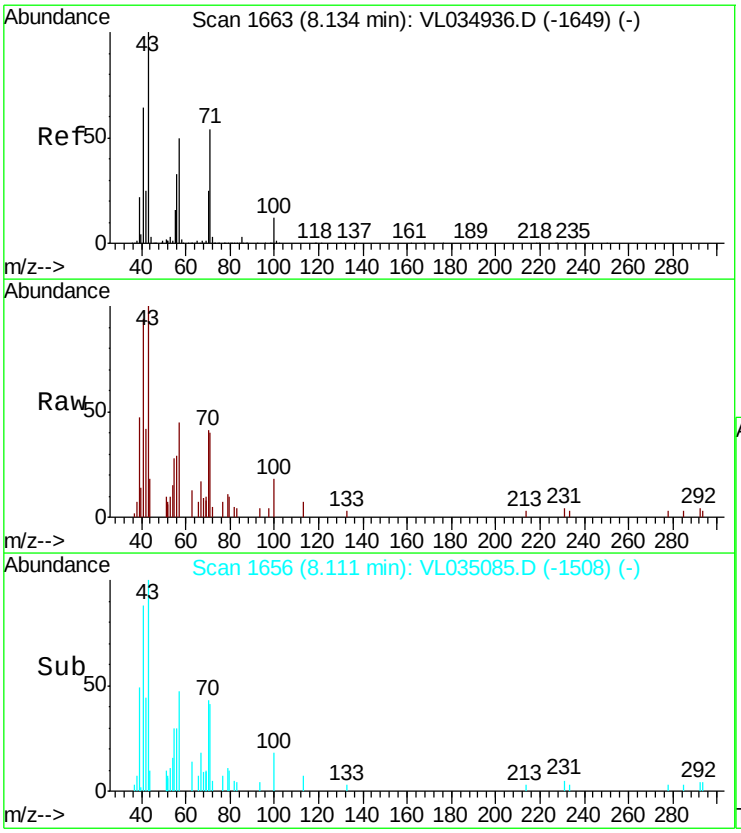
#9
Propene
Concen: 0.260 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.00 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 13078

Ion	Ratio	Lower	Upper
41	100		
42	58.3	54.5	81.7

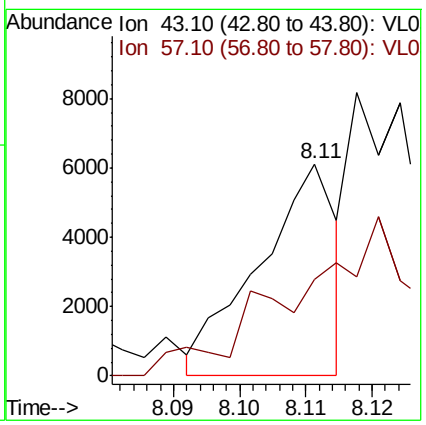


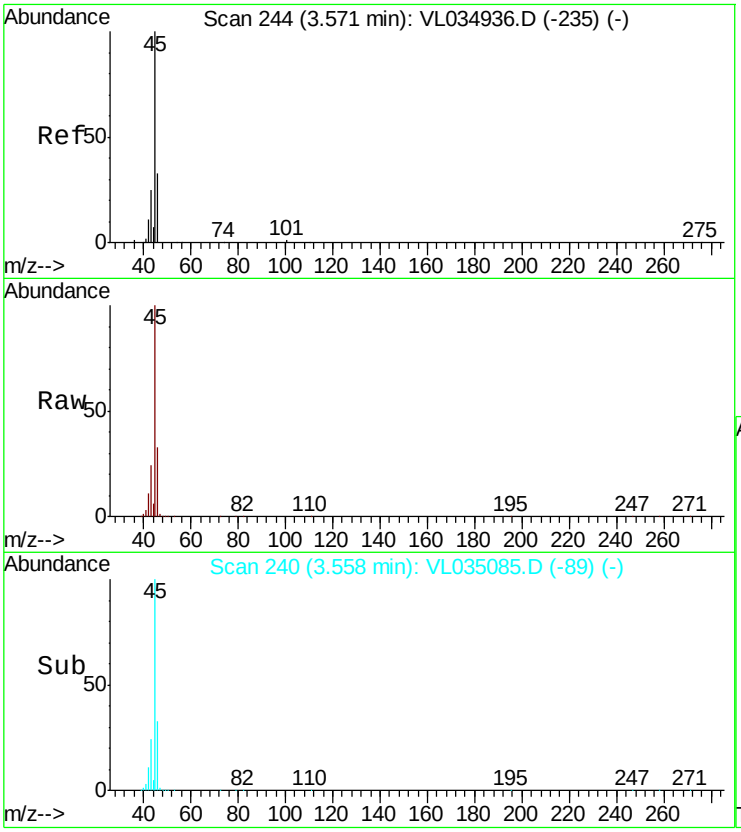


#10
Heptane
Concen: 0.040 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 43 Resp: 4987

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.1	61.7#



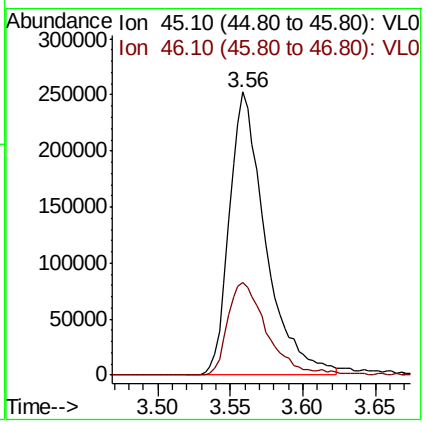


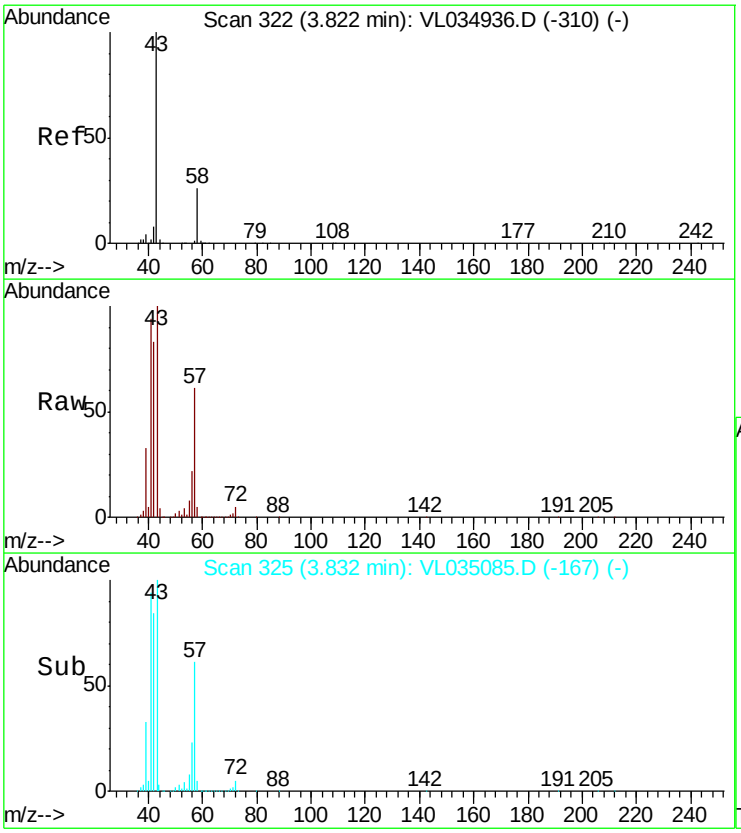
#13
Ethanol
Concen: 26.375 ppbv
RT: 3.56 min Scan# 240
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 438068

Ion	Ratio	Lower	Upper
45	100		
46	36.1	14.3	57.3

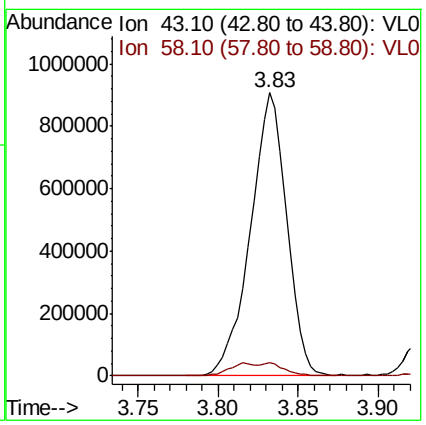


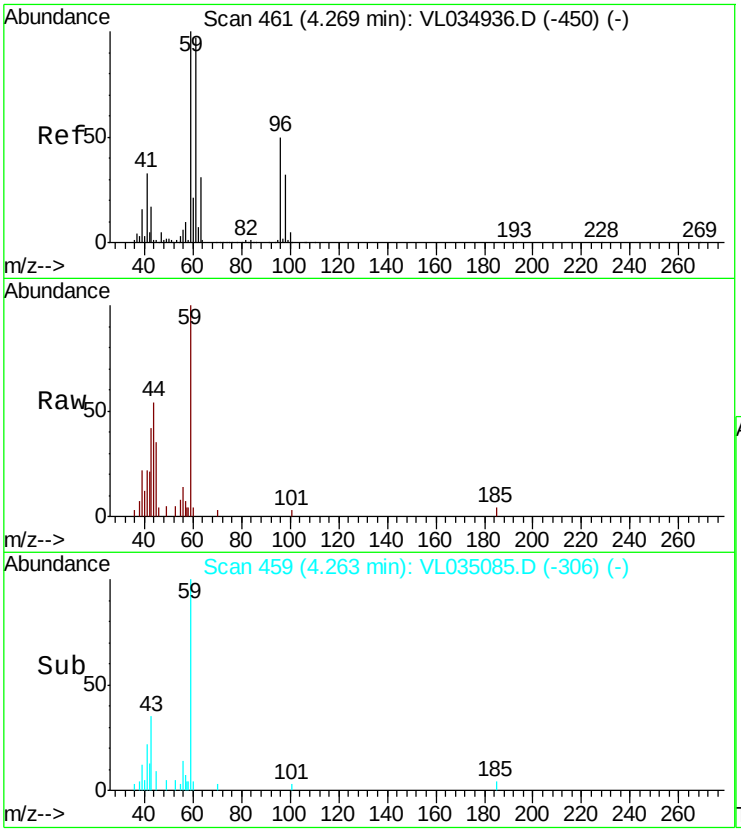


#15
Acetone
Concen: 10.532 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 43 Resp: 1414623

Ion	Ratio	Lower	Upper
43	100		
58	6.4	21.7	32.5#



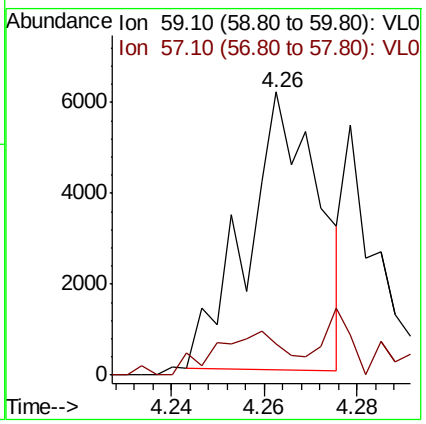


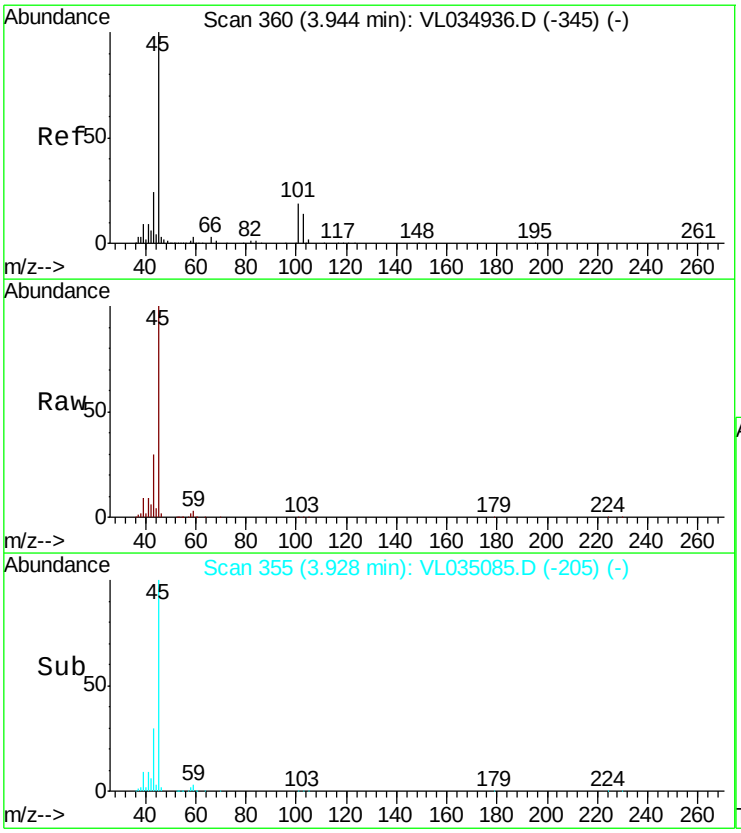
#17
tert-Butyl alcohol
Concen: 0.055 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 6568

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

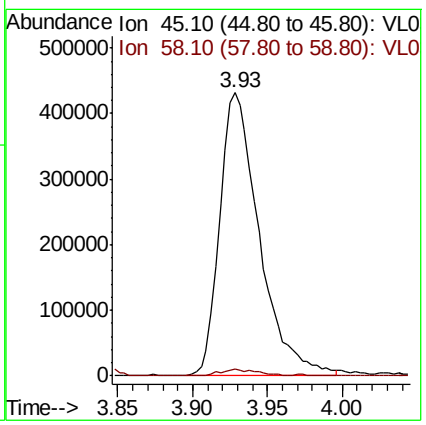


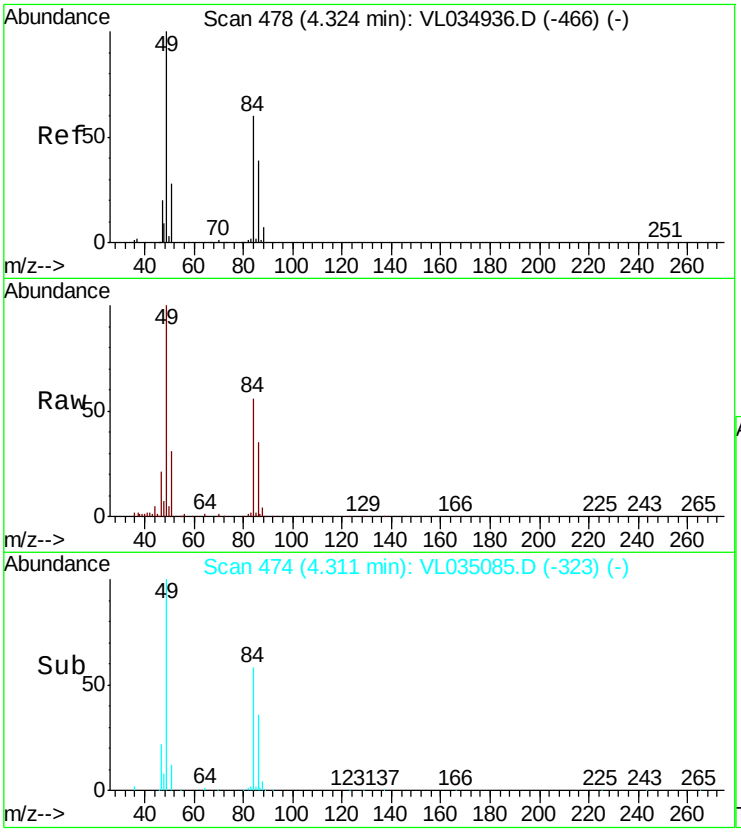


#19
Isopropyl Alcohol
Concen: 8.868 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 45 Resp: 794293

Ion	Ratio	Lower	Upper
45	100		
58	2.7	1.7	2.5#



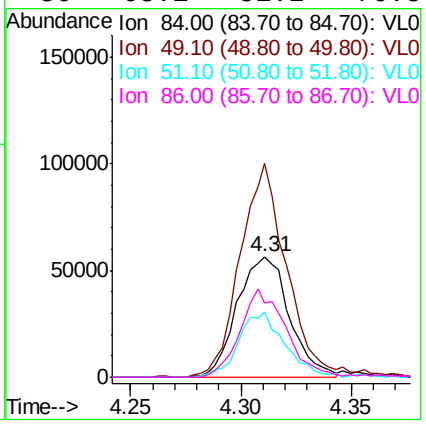


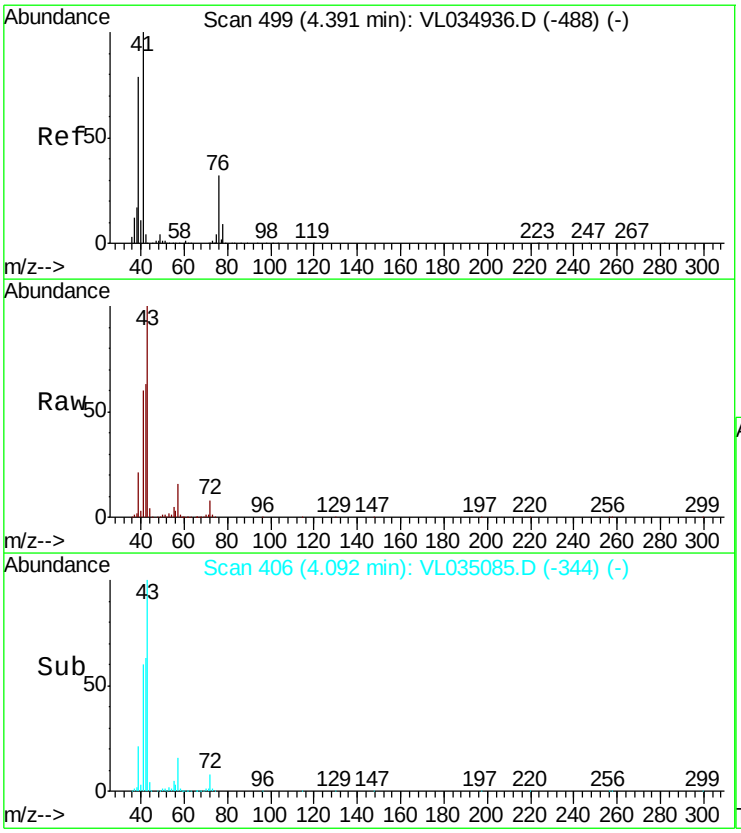
#20
Methylene Chloride
Concen: 2.089 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 92875

Ion	Ratio	Lower	Upper
84	100		
49	176.9	132.5	198.7
51	54.7	38.4	57.6
86	63.1	51.2	76.8

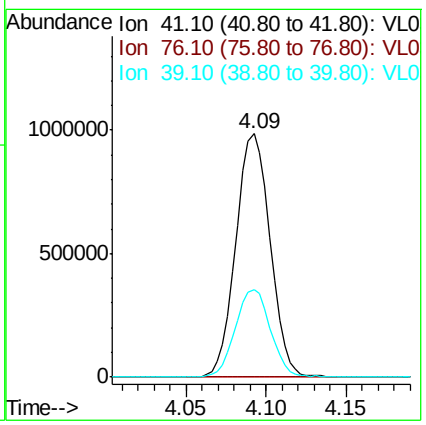


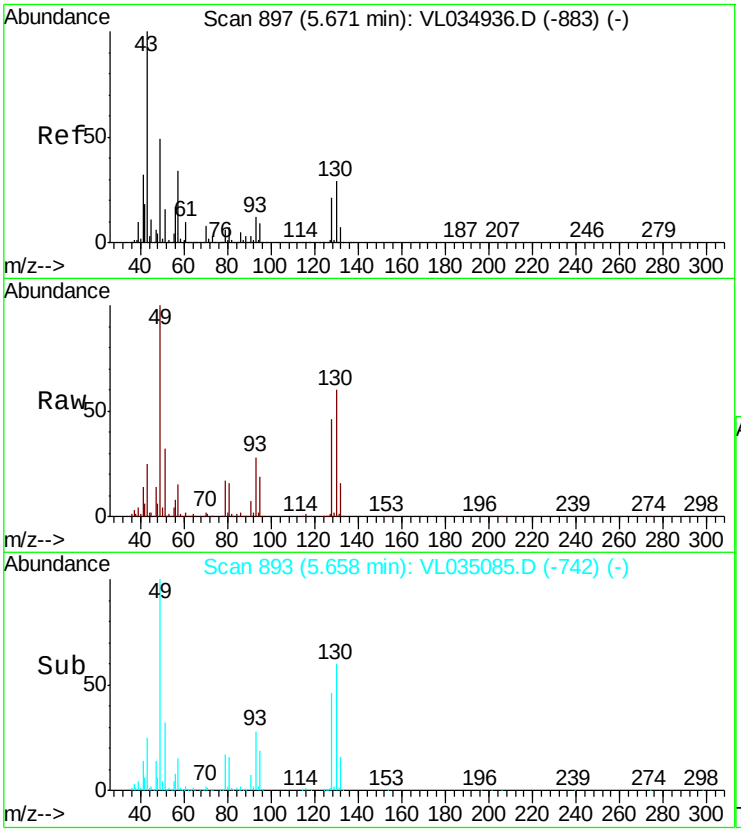


#21
Allyl Chloride
Concen: 18.926 ppbv
RT: 4.09 min Scan# 406
Delta R.T. -0.30 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 41 Resp: 1435877

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	37.3	61.9	92.9#



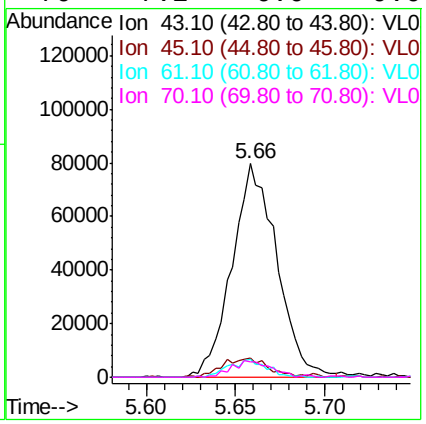


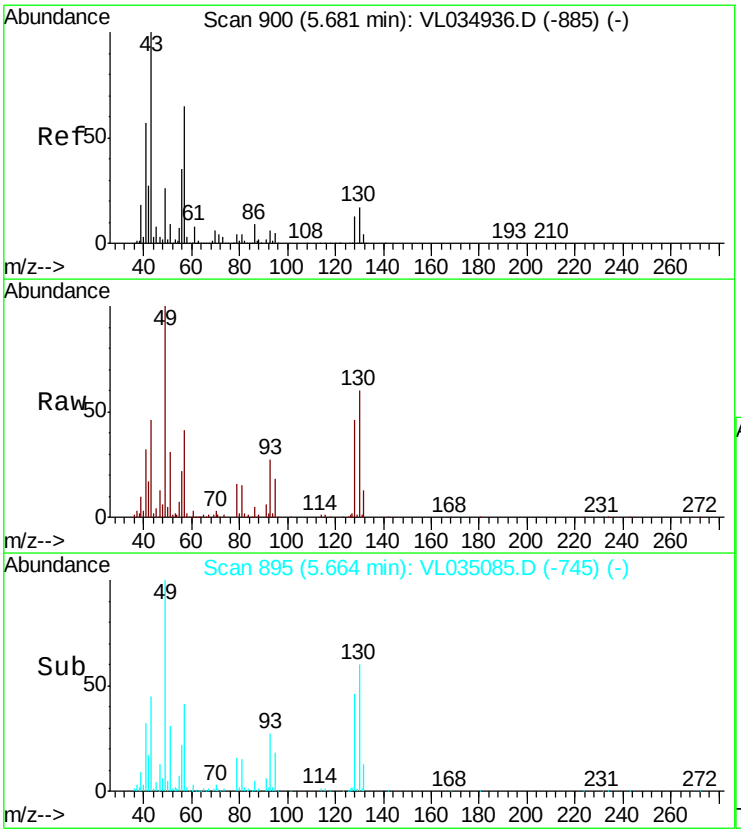
#25
Ethyl Acetate
Concen: 0.618 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 139391

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	7.4	7.8	11.8#
70	7.2	6.0	9.0

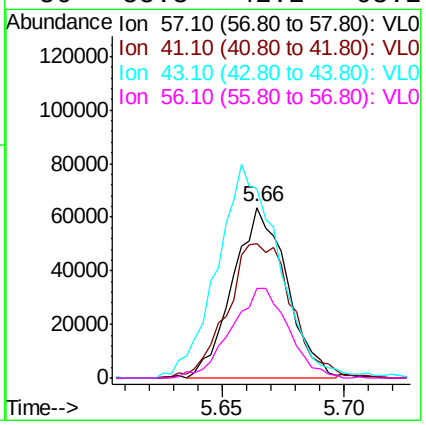


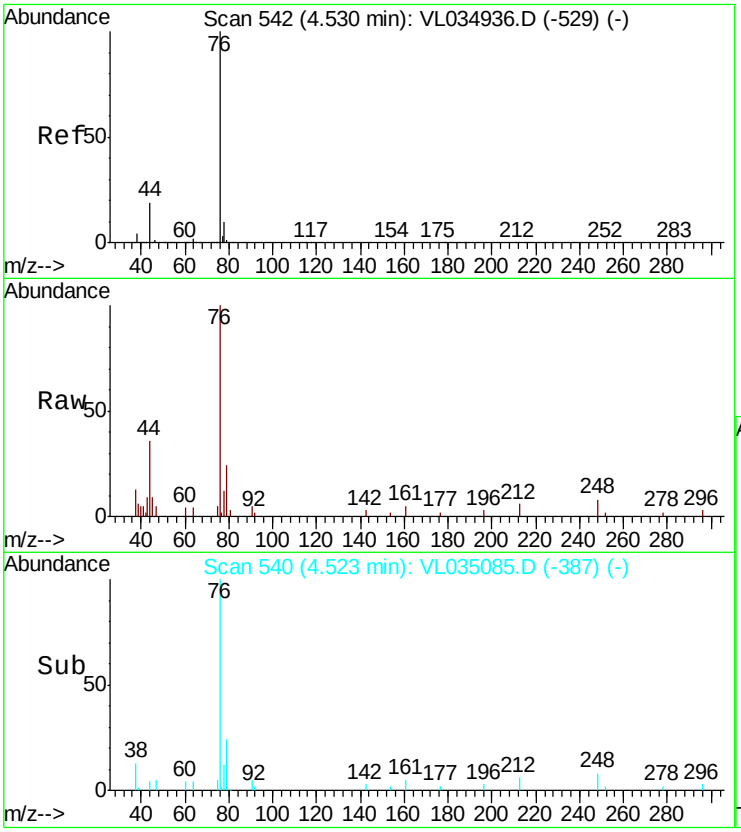


#26
Hexane
Concen: 1.003 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 57 Resp: 98136

Ion	Ratio	Lower	Upper
57	100		
41	94.8	72.7	109.1
43	144.8	182.1	273.1#
56	55.3	42.2	63.2



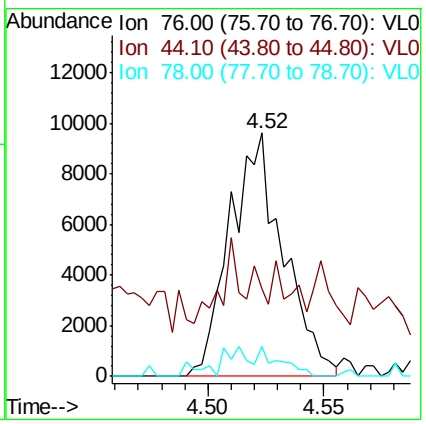


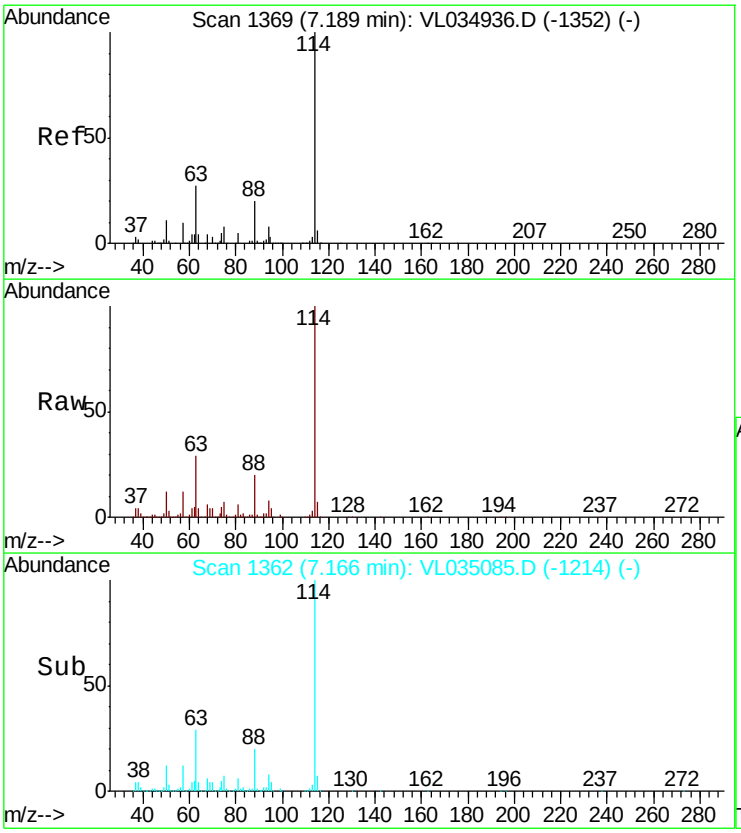
#27
Carbon Disulfide
Concen: 0.134 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 15403

Ion	Ratio	Lower	Upper
76	100		
44	56.6	15.2	22.8#
78	13.1	7.7	11.5#

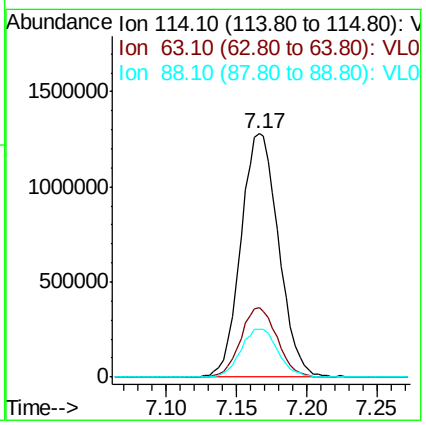


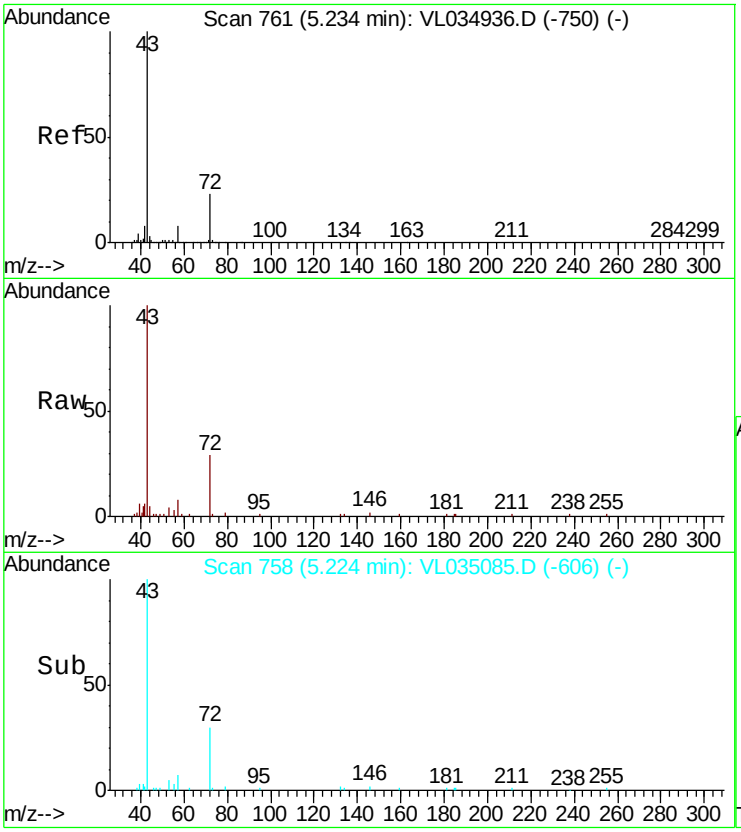


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion:114 Resp: 2392273

Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.2	33.4
88	19.4	15.5	23.3



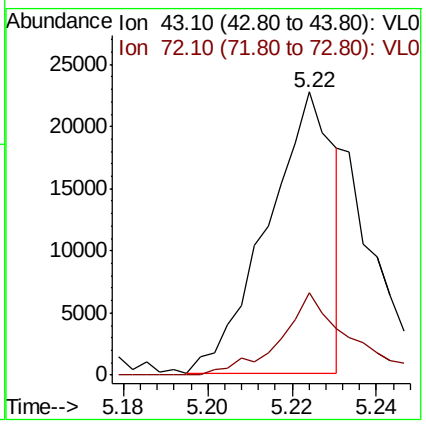


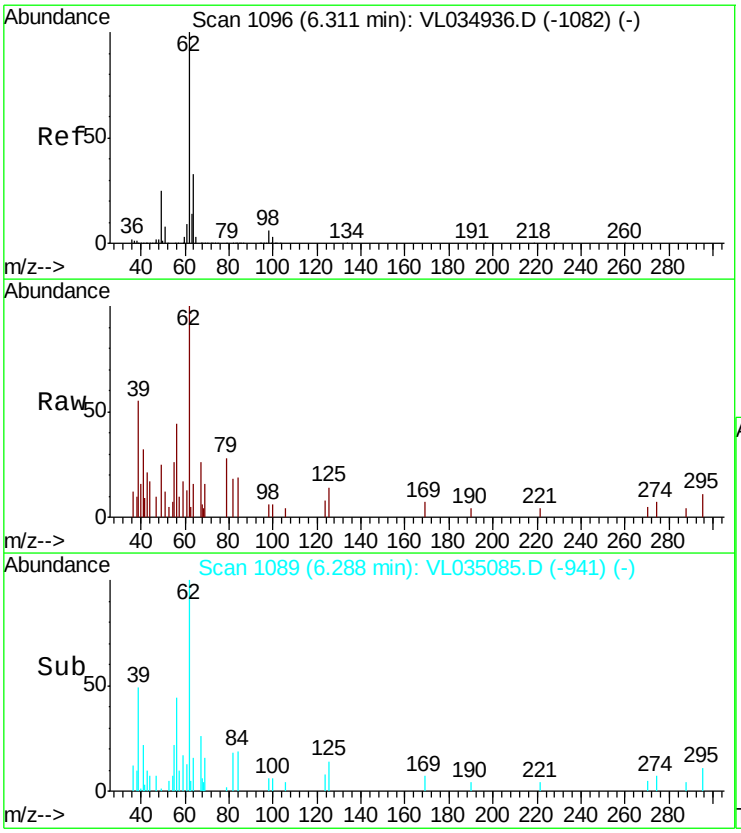
#34
2-Butanone
Concen: 0.166 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.01 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 24727

Ion	Ratio	Lower	Upper
43	100		
72	31.8	18.0	27.0#

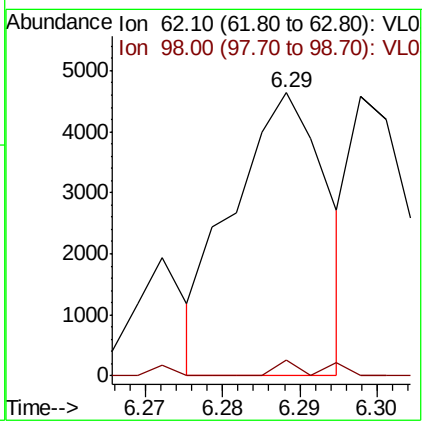


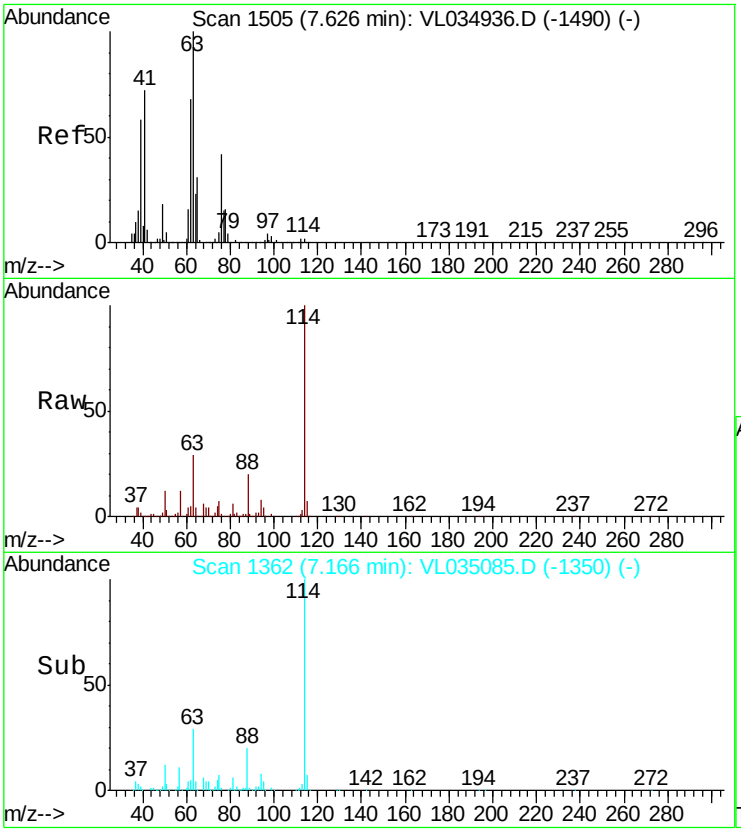


#37
1,2-Dichloroethane
Concen: 0.032 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 62 Resp: 3926

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.8	7.2#



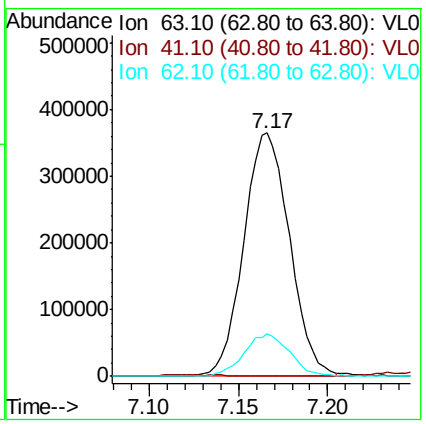


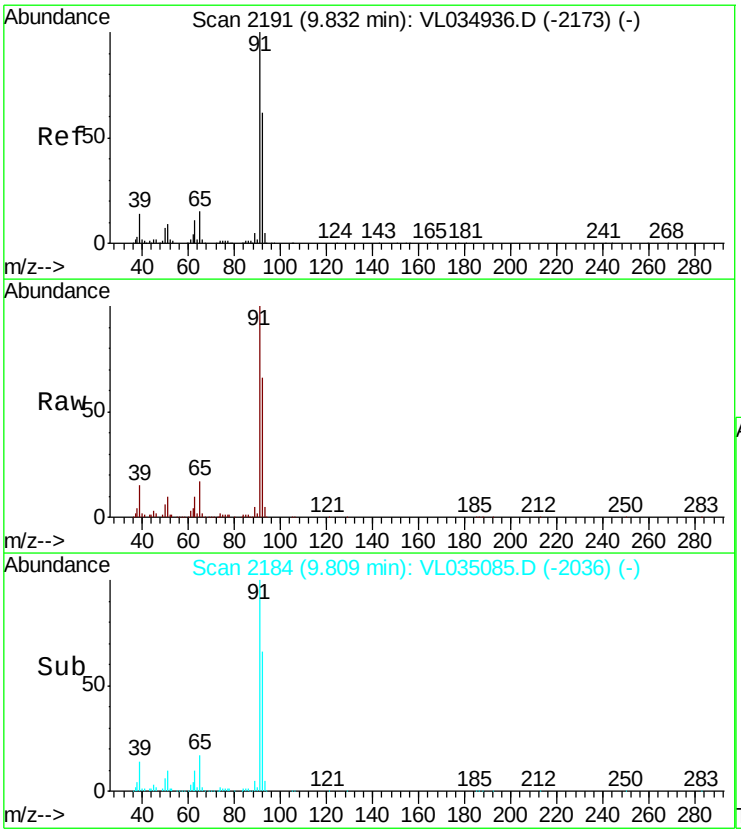
#39
1,2-Dichloropropane
Concen: 8.304 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.46 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 656585

Ion	Ratio	Lower	Upper
63	100		
41	0.0	57.8	86.8#
62	17.5	54.2	81.2#

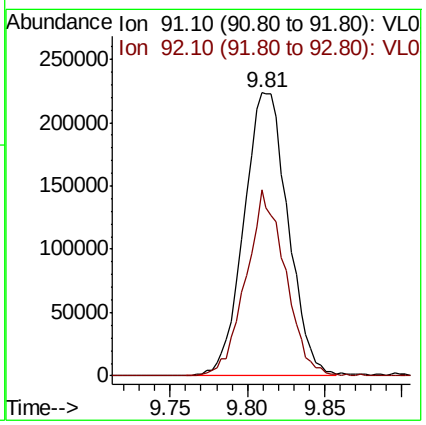


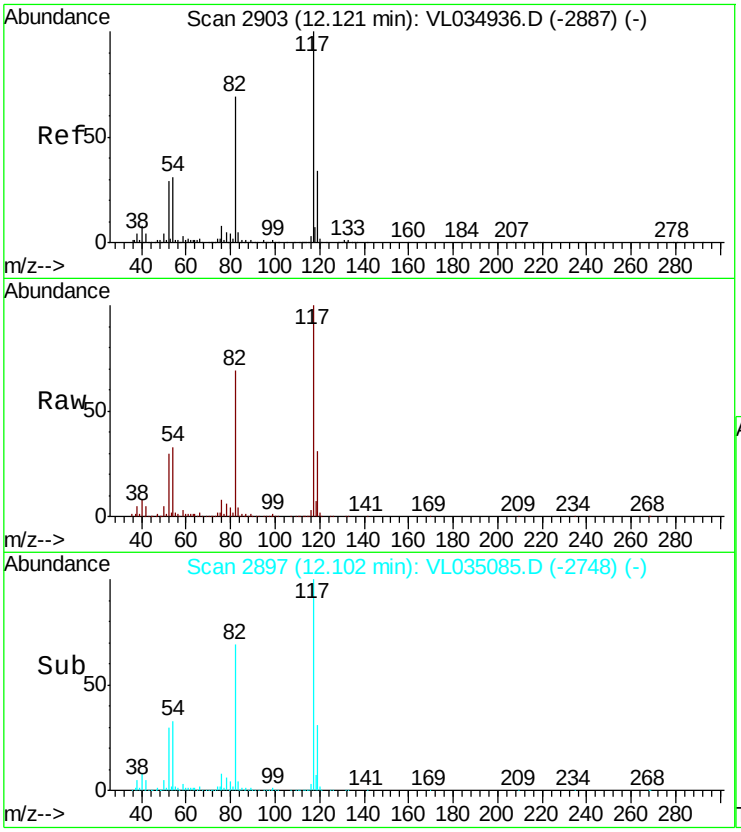


#53
Toluene
Concen: 2.124 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 91 Resp: 444054

Ion	Ratio	Lower	Upper
91	100		
92	59.0	48.6	73.0



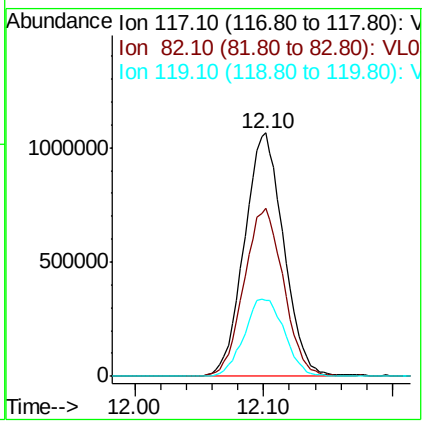


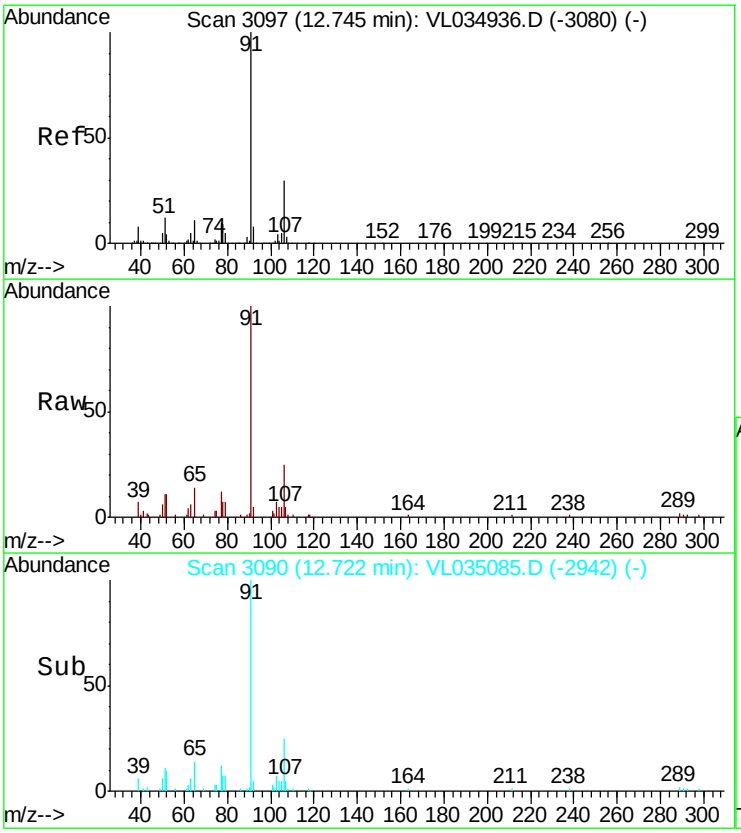
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2255423

Ion	Ratio	Lower	Upper
117	100		
82	69.6	53.1	79.7
119	33.0	26.7	40.1

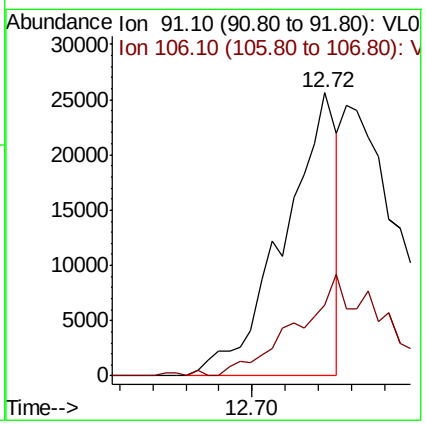


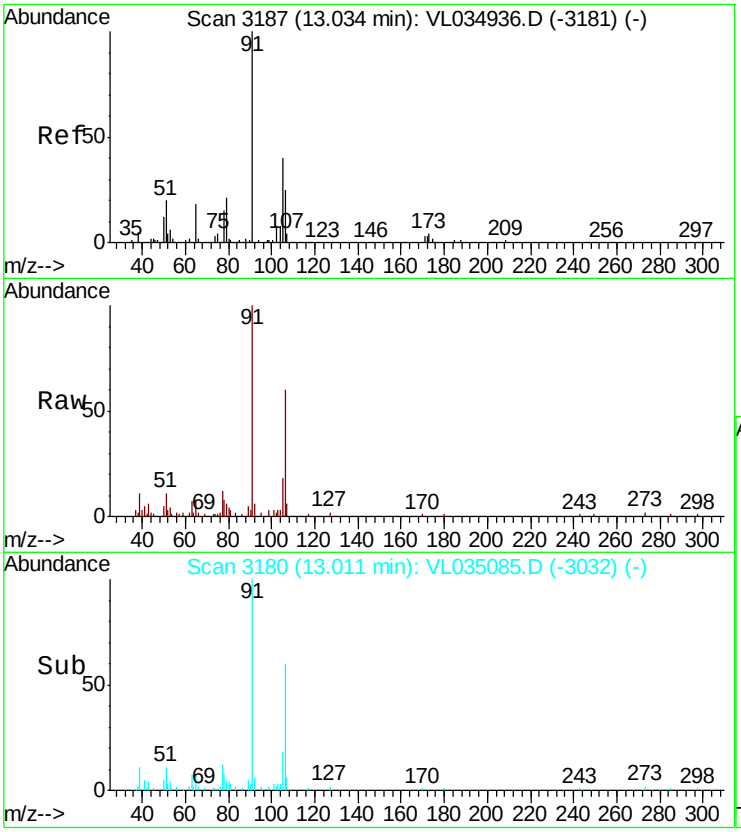


#58
Ethyl Benzene
Concen: 0.102 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 91 Resp: 28552

Ion	Ratio	Lower	Upper
91	100		
106	25.3	24.2	36.4



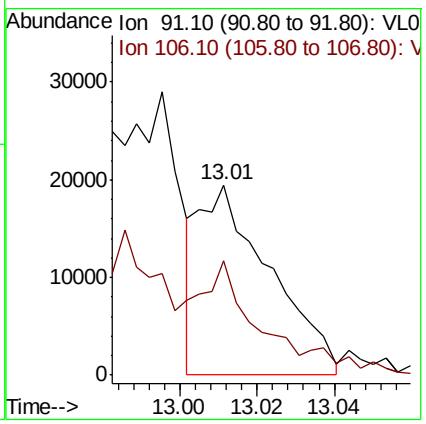


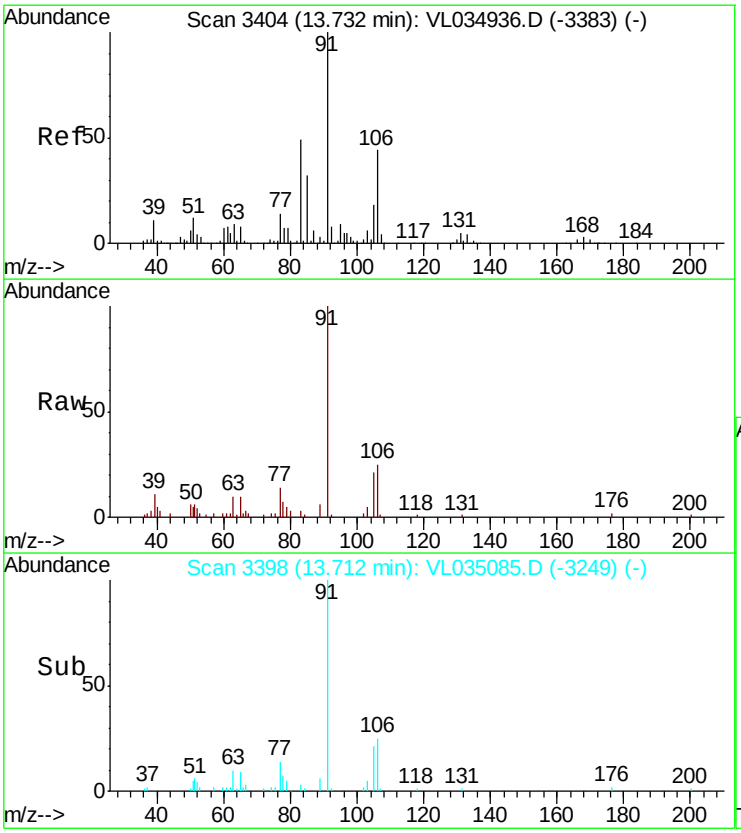
#59
m/p-Xylene
Concen: 0.102 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 24950

Ion	Ratio	Lower	Upper
91	100		
106	0.0	66.0	99.0#

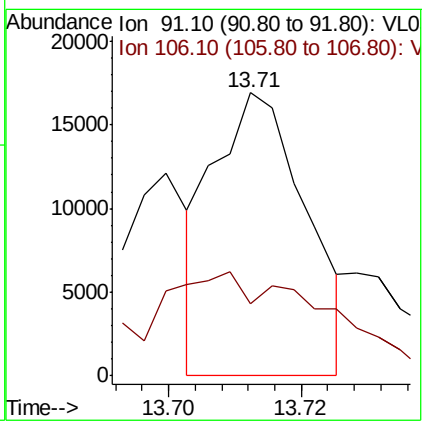


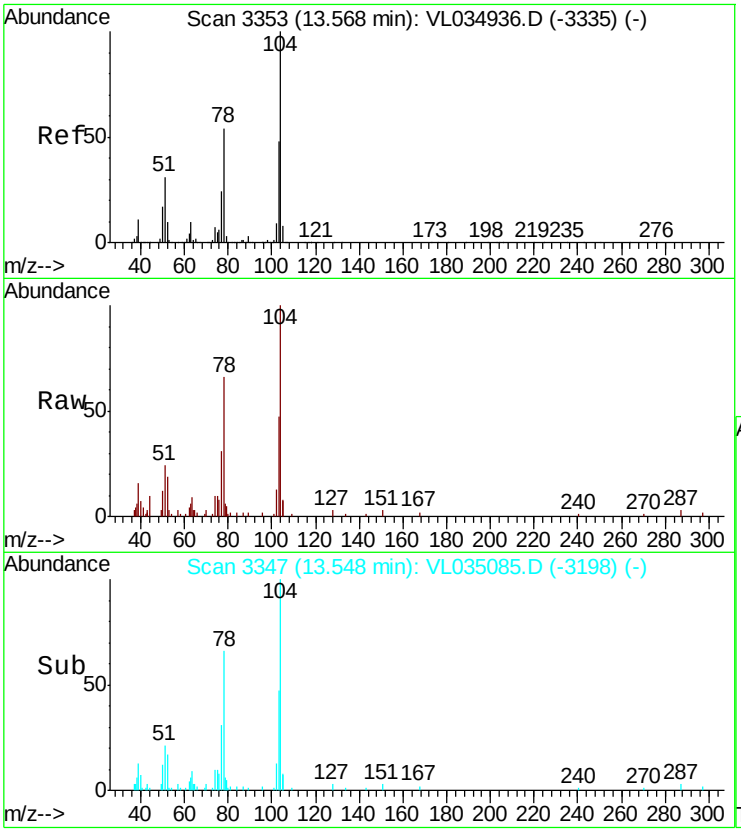


#60
o-Xylene
Concen: 0.068 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 91 Resp: 16437

Ion	Ratio	Lower	Upper
91	100		
106	82.4	21.9	65.5#



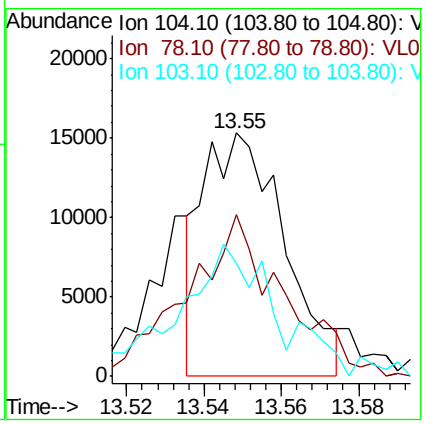


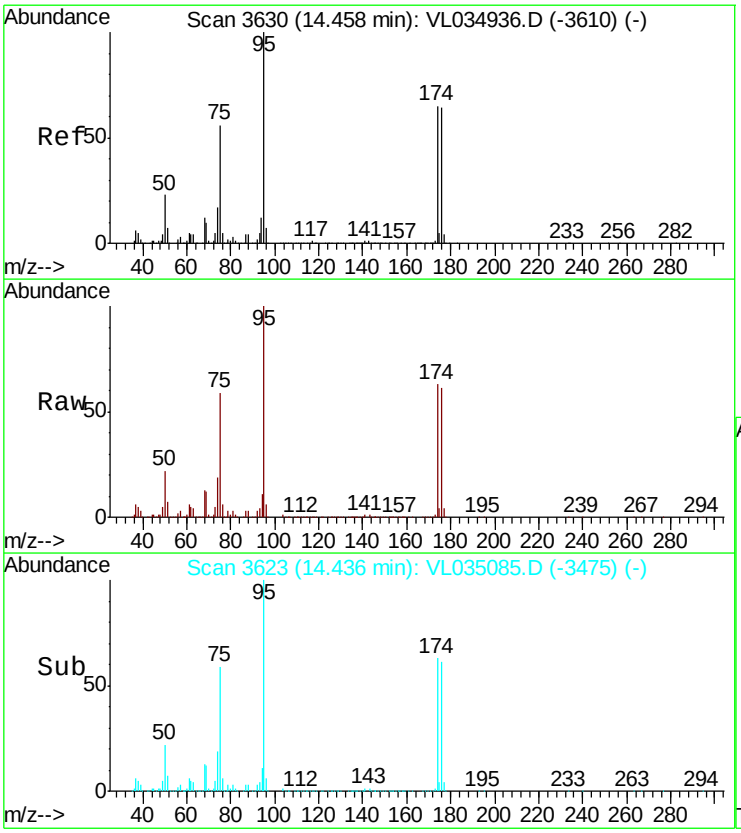
#61
Stvrene
Concen: 0.145 ppbv
RT: 13.55 min Scan# 3347
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 22242

Ion	Ratio	Lower	Upper
104	100		
78	81.0	43.7	65.5#
103	69.1	38.8	58.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.503 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.02 min
Lab File: VL035085.D
Acq: 22 May 2020 15:24

Tgt Ion: 95 Resp: 1917434

Ion	Ratio	Lower	Upper
95	100		
174	63.7	51.5	77.3
175	4.7	3.8	5.8