Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041321\
Data File : VL036801.D
Acq On : 13 Apr 2021 13:44
Operator : SY/AP
Sample : M2018-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 14 04:39:33 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1382195	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3394766	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2689190	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1782923	8.32	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 83.20%				
Target Compounds							Qvalue
9) Propene	3.02	41	63198	0.768	ppbv		85
10) Heptane	8.12	43	221006	1.054	ppbv		94
13) Ethanol	3.62	45	48578	4.955	ppbv		74
15) Acetone	3.84	43	2185646	16.066	ppbv		98
16) 1,3-Butadiene	3.30	39	4185	0.044	ppbv	#	30
19) Isopropyl Alcohol	3.99	45	68138	0.911	ppbv	#	89
20) Methylene Chloride	4.34	84	245387	3.853	ppbv		95
25) Ethyl Acetate	5.68	43	144611	0.447	ppbv	#	79
26) Hexane	5.68	57	192435	1.282	ppbv	#	46
27) Carbon Disulfide	4.55	76	51257	0.347	ppbv	#	94
30) Cyclohexane	7.13	84	5391	0.044	ppbv	#	1
34) 2-Butanone	5.25	43	22687	0.137	ppbv	#	55
39) 1,2-Dichloropropane	7.17	63	880945	6.936	ppbv	#	23
42) Bromodichloromethane	7.79	83	10442	0.042	ppbv	#	24
44) 2,2,4-Trimethylpentane	7.86	57	20282	0.037	ppbv	#	1
53) Toluene	9.81	91	203777	0.611	ppbv		98
58) Ethyl Benzene	12.70	91	15137	0.039	ppbv		98
59) m/p-Xylene	12.99	91	26574	0.078	ppbv	#	32
62) Isopropylbenzene	14.67	105	567335	1.277	ppbv		97
74) 1,2,4-Trimethylbenzene	16.76	105	11481	0.032	ppbv	#	58

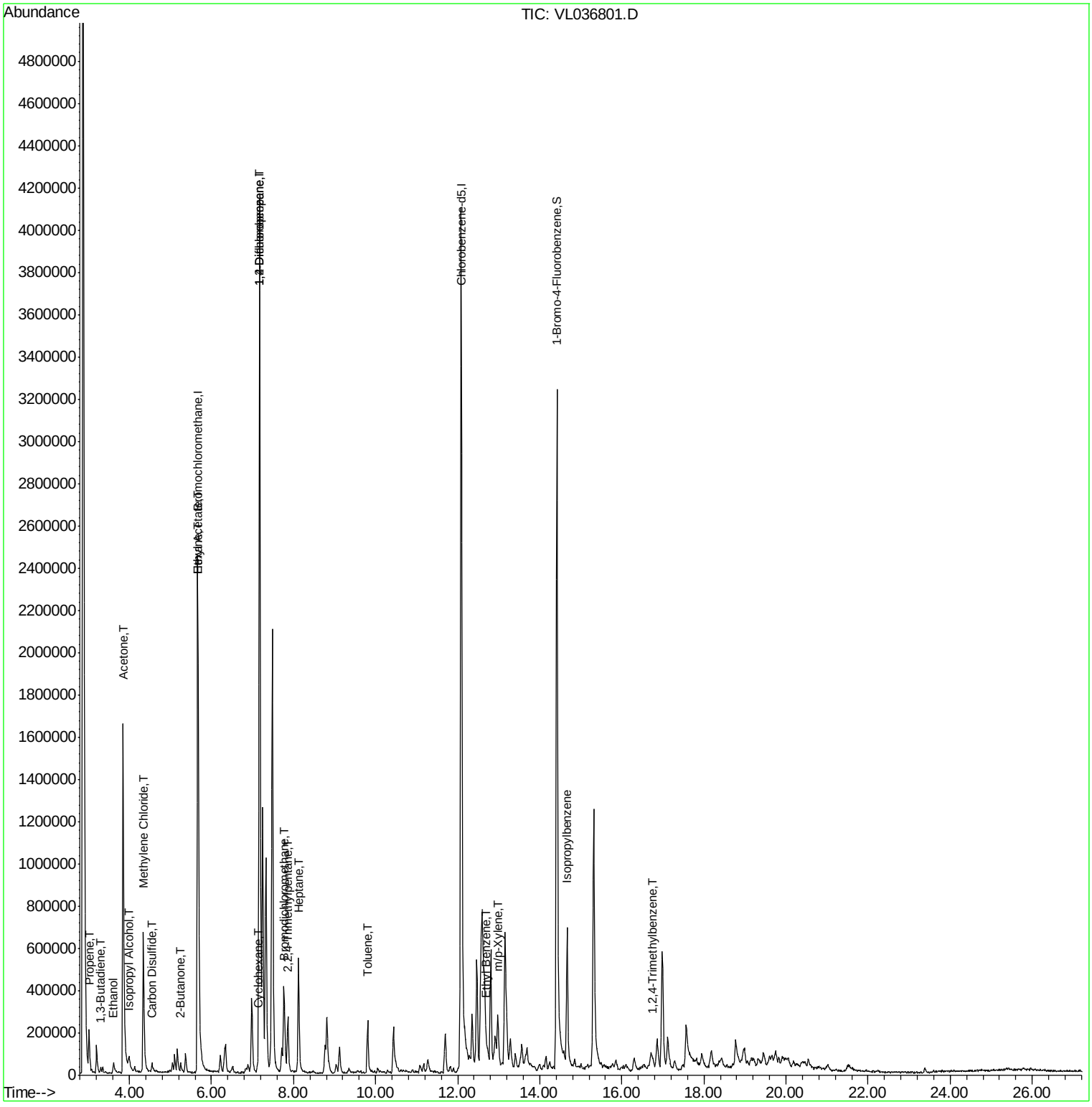
(#) = qualifier out of range (m) = manual integration (+) = signals summed

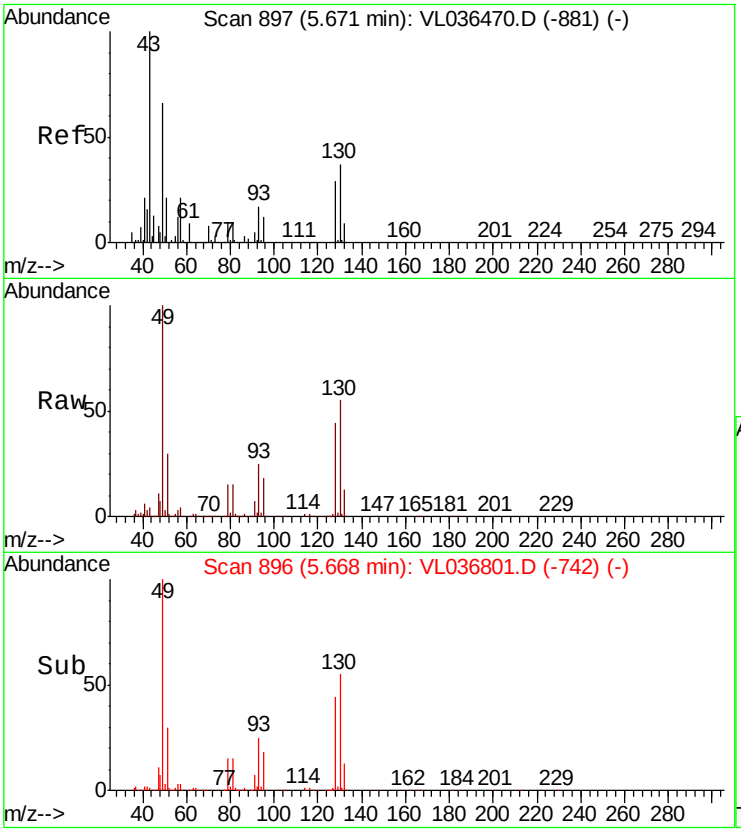
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041321\
Data File : VL036801.D
Acq On : 13 Apr 2021 13:44
Operator : SY/AP
Sample : M2018-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 14 04:39:33 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration



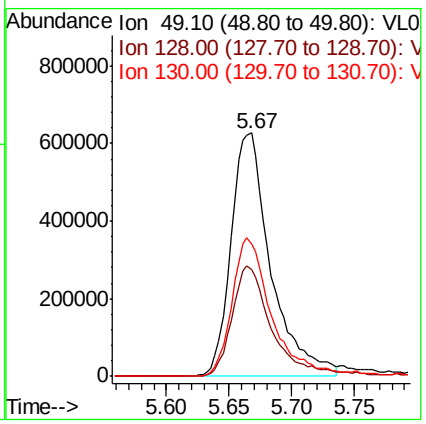


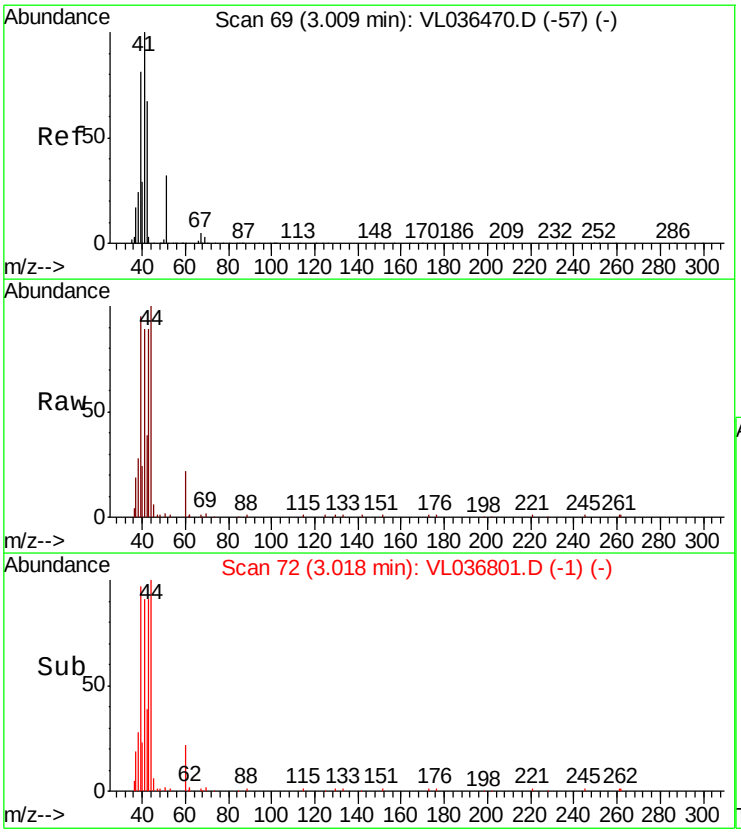
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1382195

Ion	Ratio	Lower	Upper
49	100		
128	47.1	23.5	70.6
130	58.1	29.1	87.4

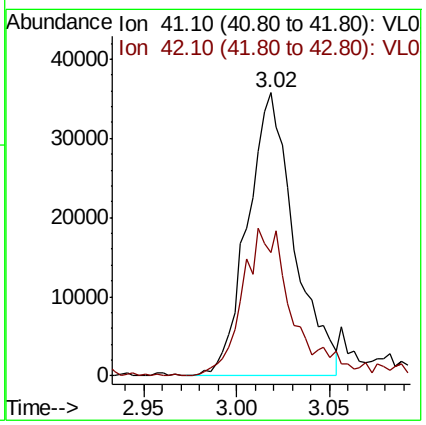


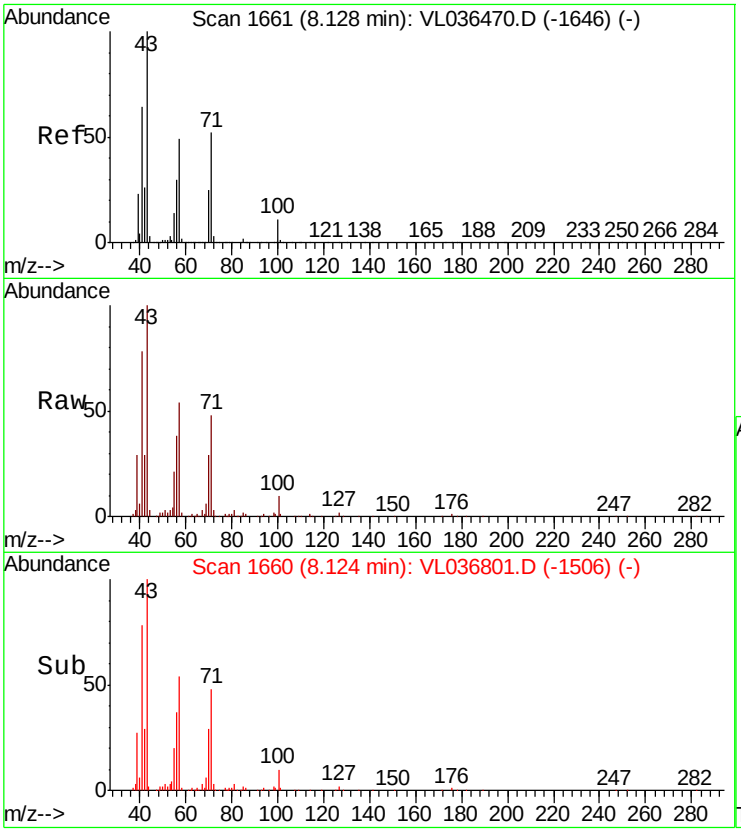


#9
Propene
Concen: 0.768 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 41 Resp: 63198

Ion	Ratio	Lower	Upper
41	100		
42	58.4	57.0	85.4



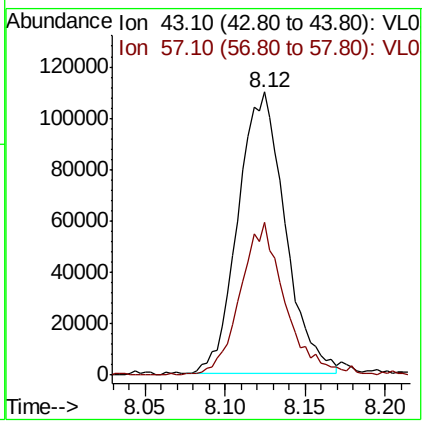


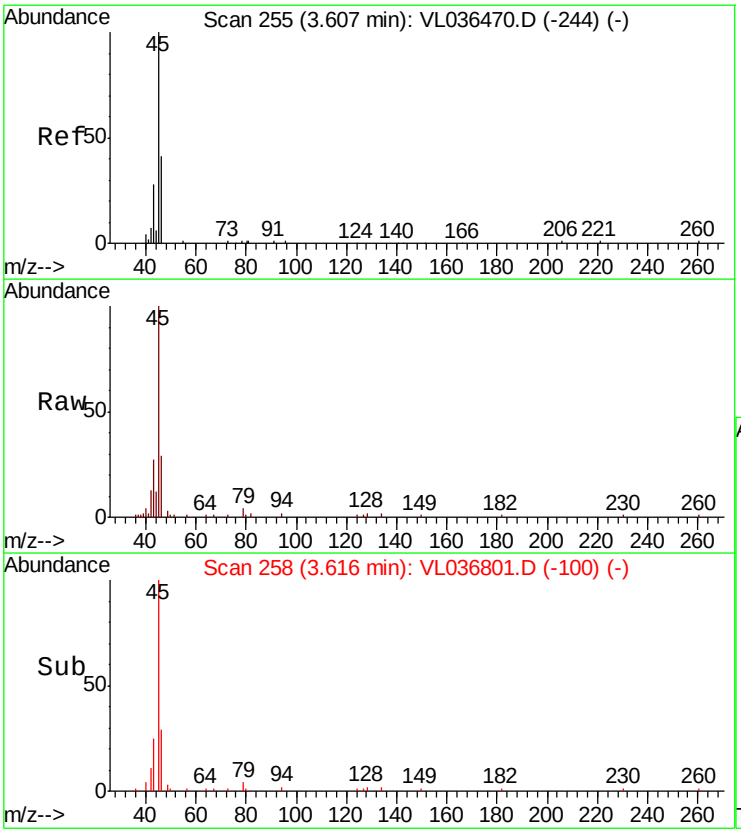
#10
Heptane
Concen: 1.054 ppbv
RT: 8.12
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 221006

Ion	Ratio	Lower	Upper
43	100		
57	52.9	39.0	58.6

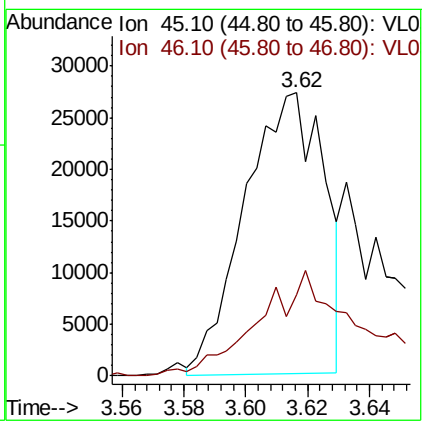


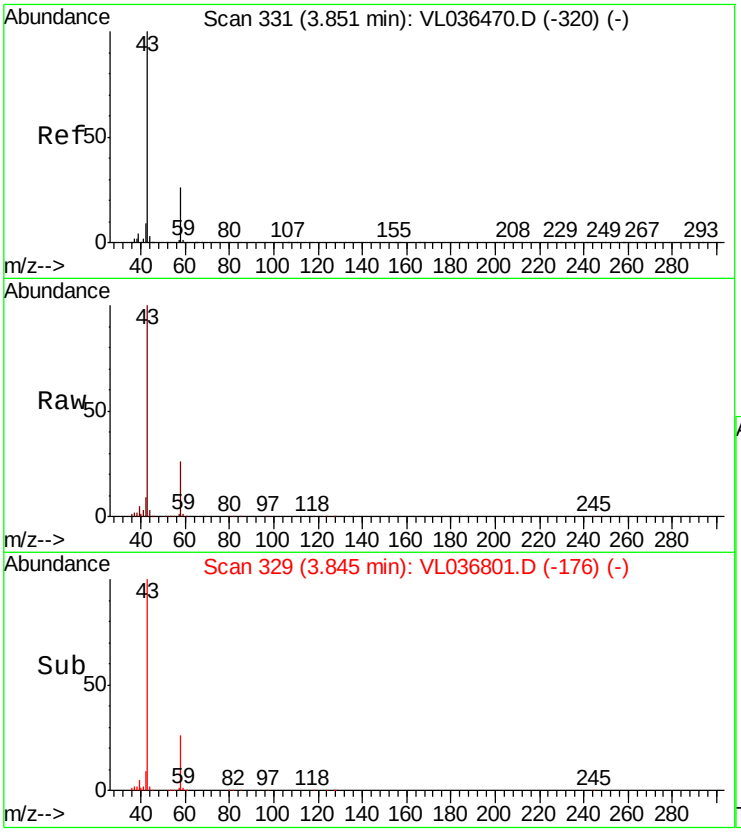


#13
Ethanol
Concen: 4.955 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 45 Resp: 48578

Ion	Ratio	Lower	Upper
45	100		
46	58.0	16.6	66.2



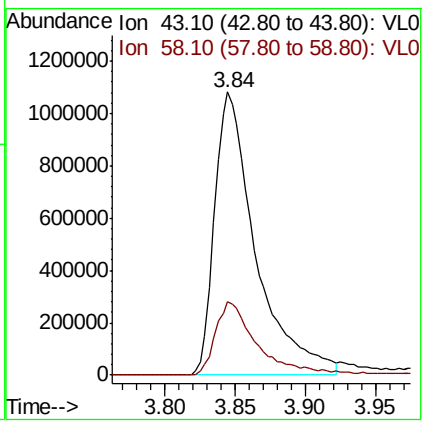


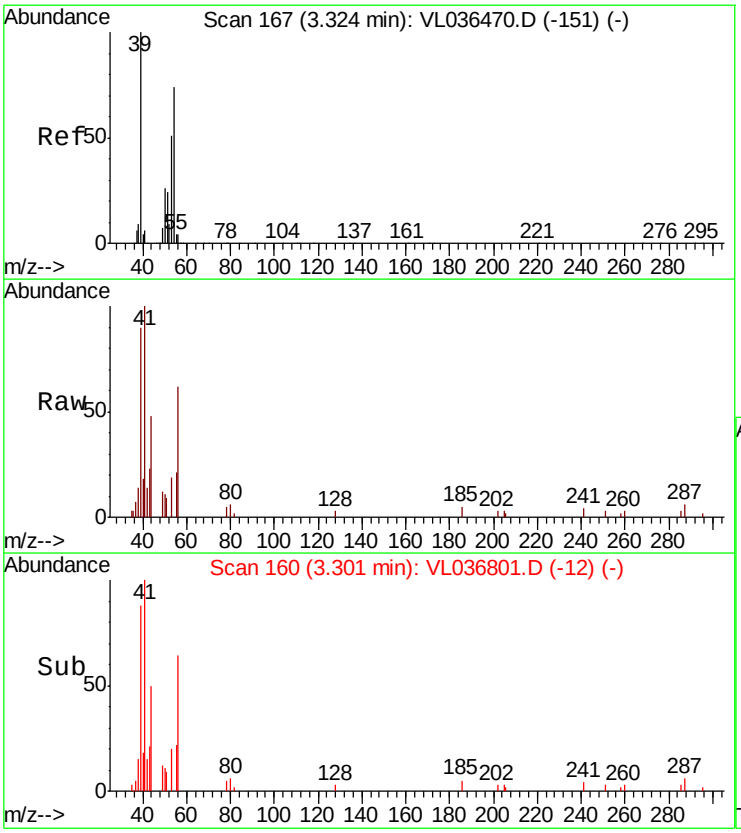
#15
Acetone
Concen: 16.066 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2185646

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.2	31.8

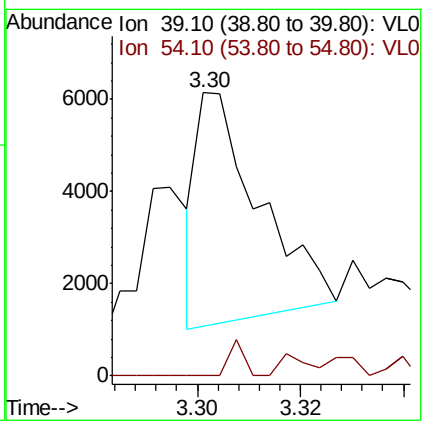


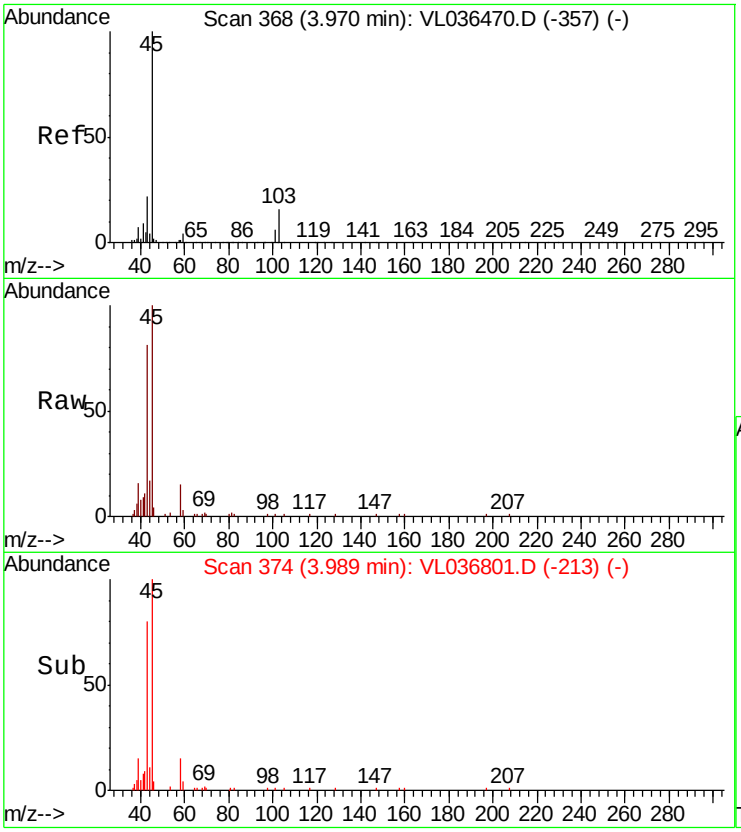


#16
1,3-Butadiene
Concen: 0.044 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.02 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 39 Resp: 4185

Ion	Ratio	Lower	Upper
39	100		
54	14.4	58.8	88.2#



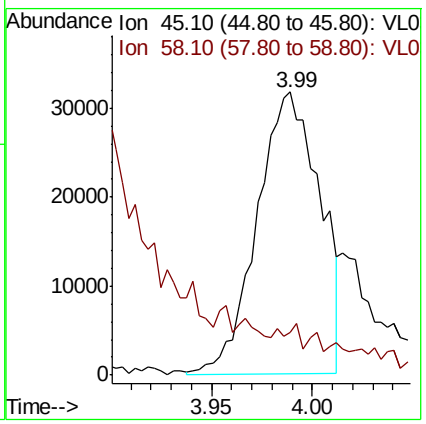


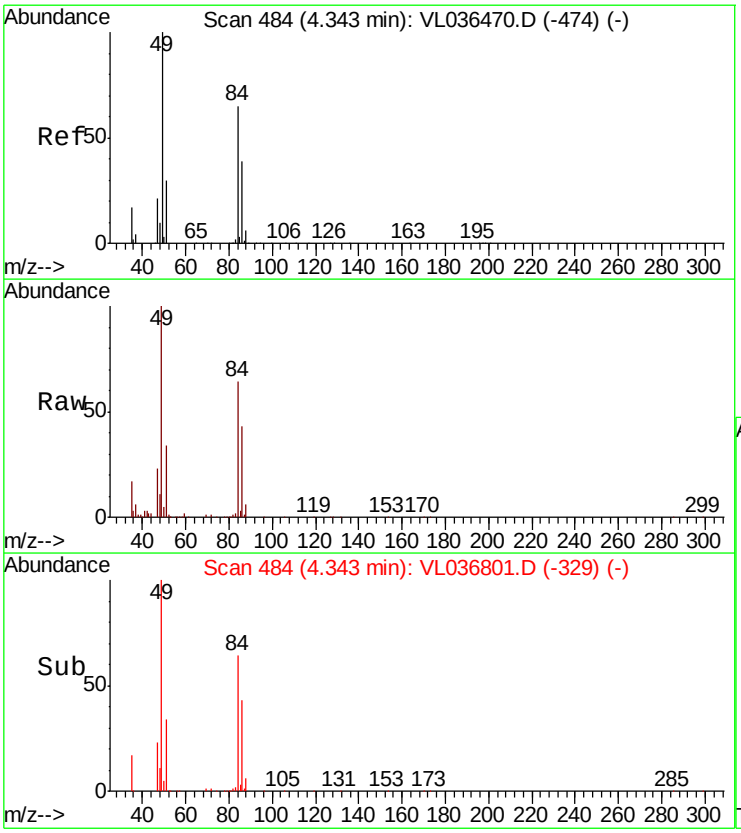
#19
Isopropyl Alcohol
Concen: 0.911 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 68138

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#

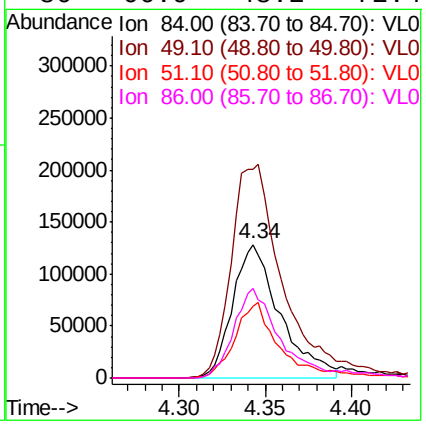


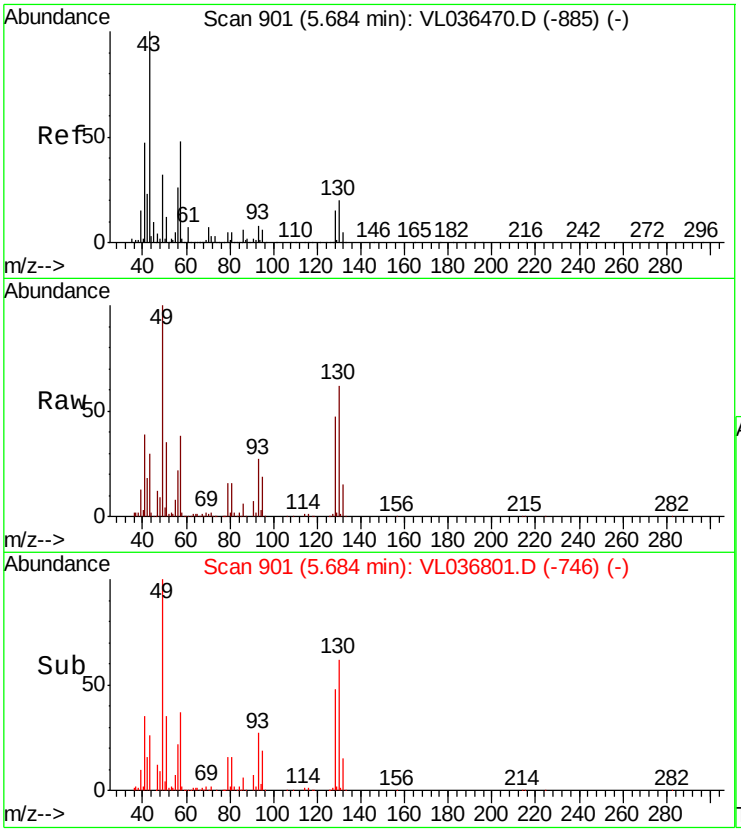


#20
Methylene Chloride
Concen: 3.853 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 84 Resp: 245387

Ion	Ratio	Lower	Upper
84	100		
49	155.7	122.9	184.3
51	53.7	36.9	55.3
86	66.9	48.2	72.4



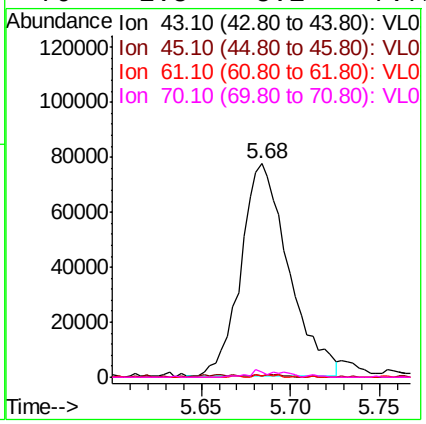


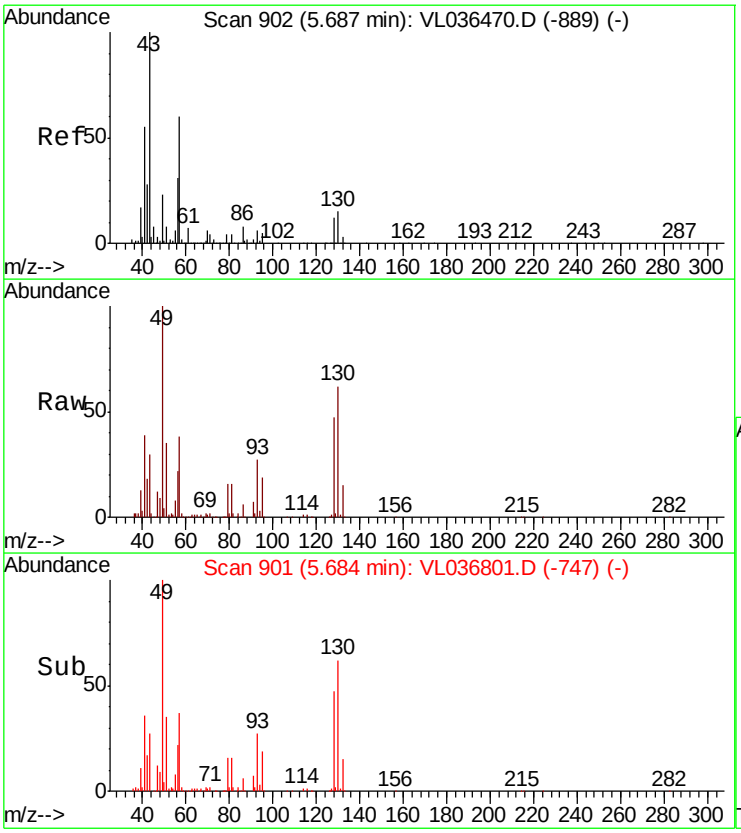
#25
Ethyl Acetate
Concen: 0.447 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 144611

Ion	Ratio	Lower	Upper
43	100		
45	0.8	7.9	11.9#
61	0.7	7.4	11.2#
70	2.5	5.1	7.7#

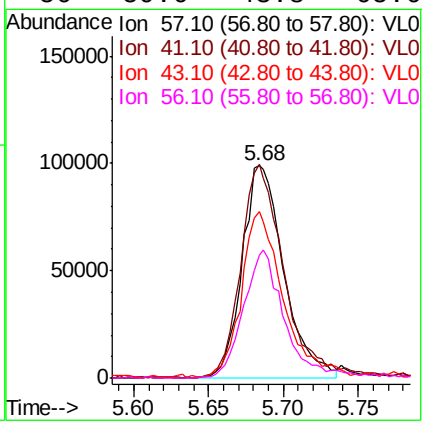


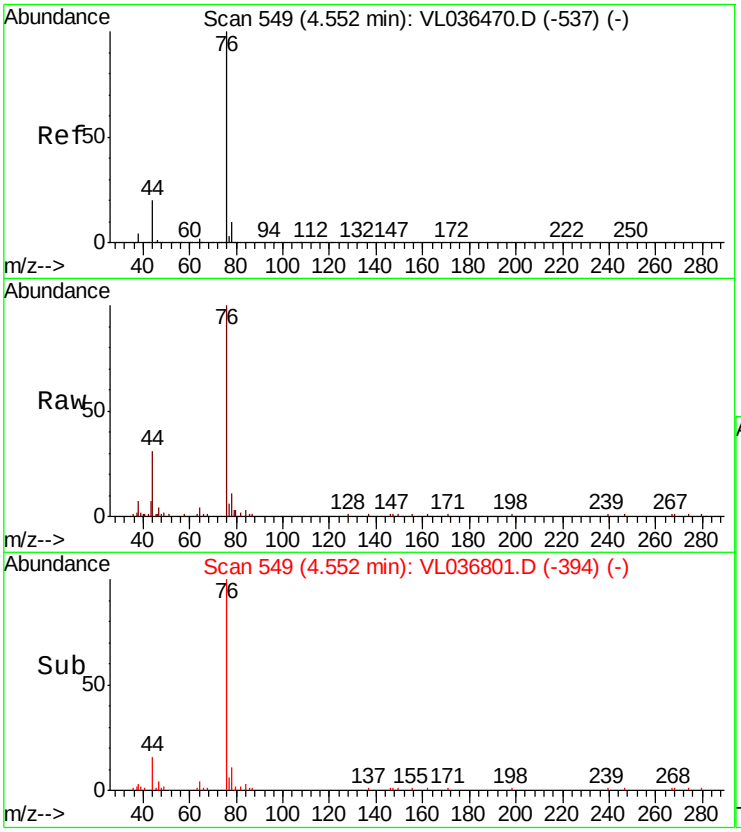


#26
Hexane
Concen: 1.282 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 57 Resp: 192435

Ion	Ratio	Lower	Upper
57	100		
41	107.5	77.2	115.8
43	81.0	173.8	260.6#
56	59.6	43.8	65.6



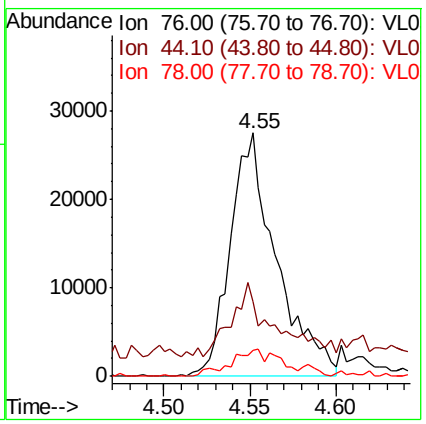


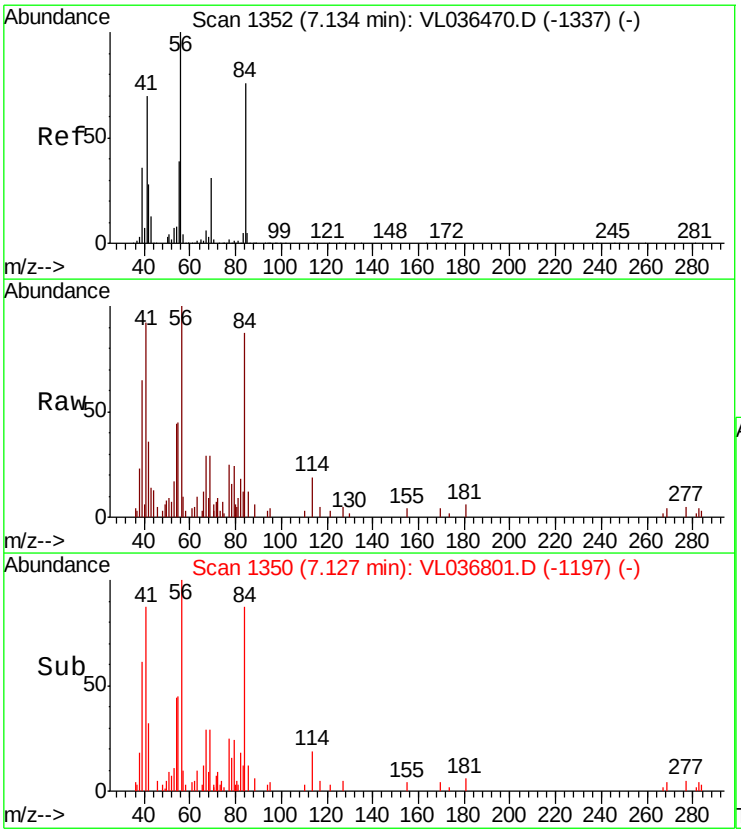
#27
Carbon Disulfide
Concen: 0.347 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 51257

Ion	Ratio	Lower	Upper
76	100		
44	24.7	17.5	26.3
78	13.2	8.6	13.0#

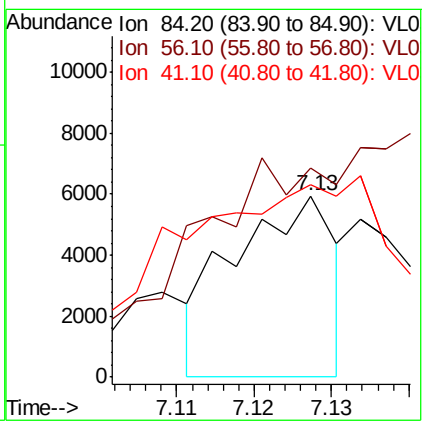


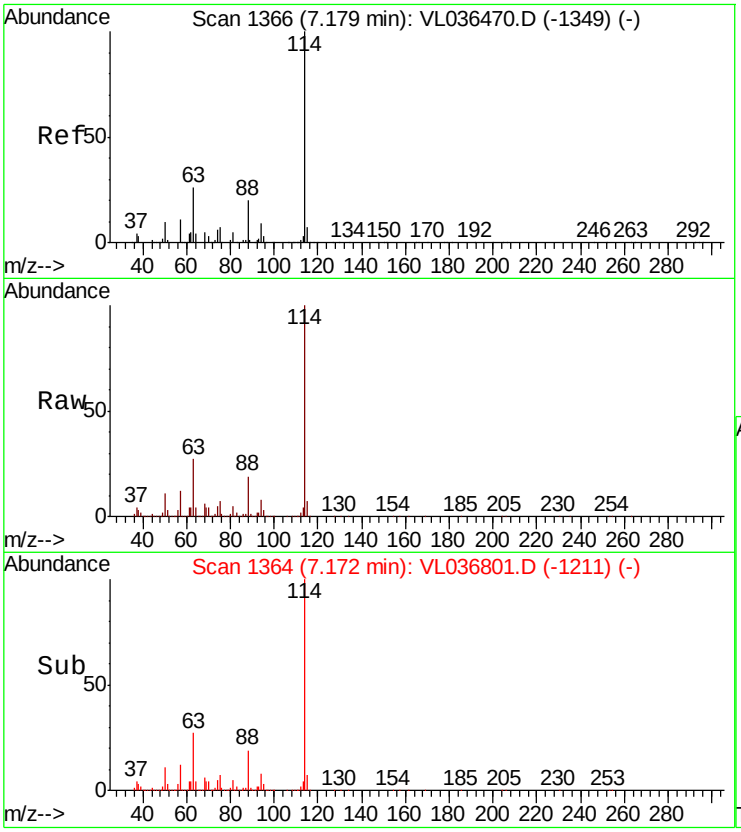


#30
Cyclohexane
Concen: 0.044 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 84 Resp: 5391

Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	0.0	75.3	112.9#



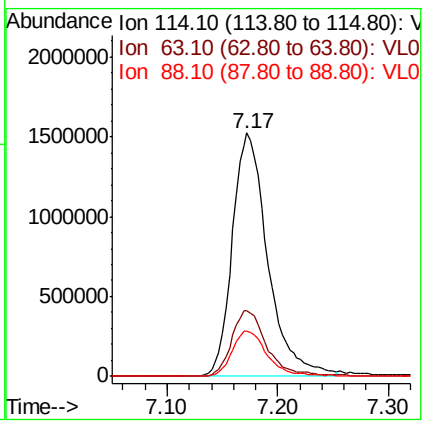


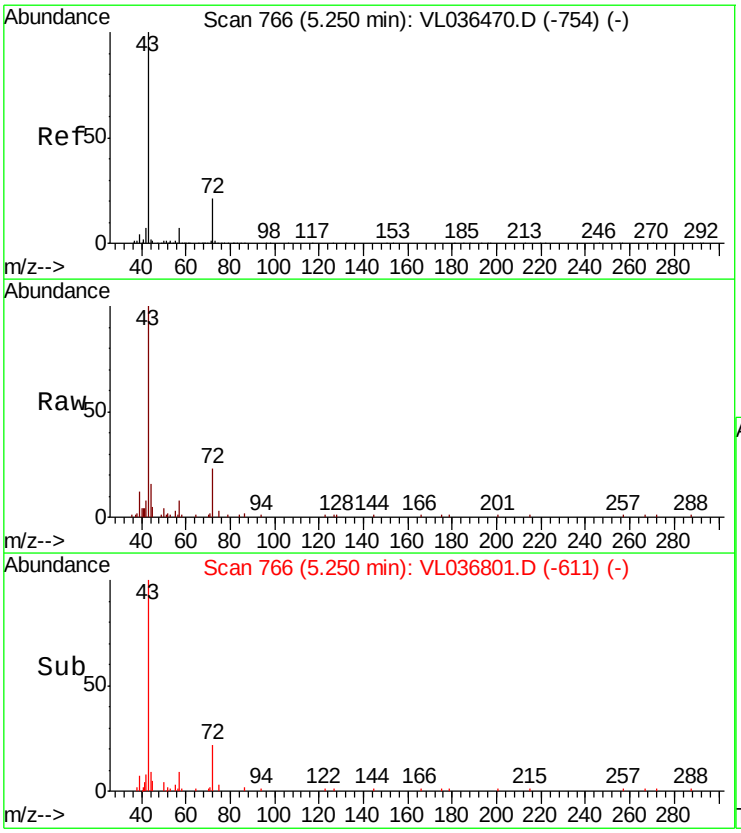
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3394766

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.4	33.6
88	18.9	15.4	23.0

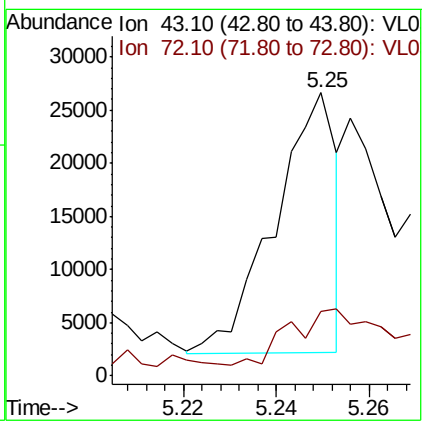


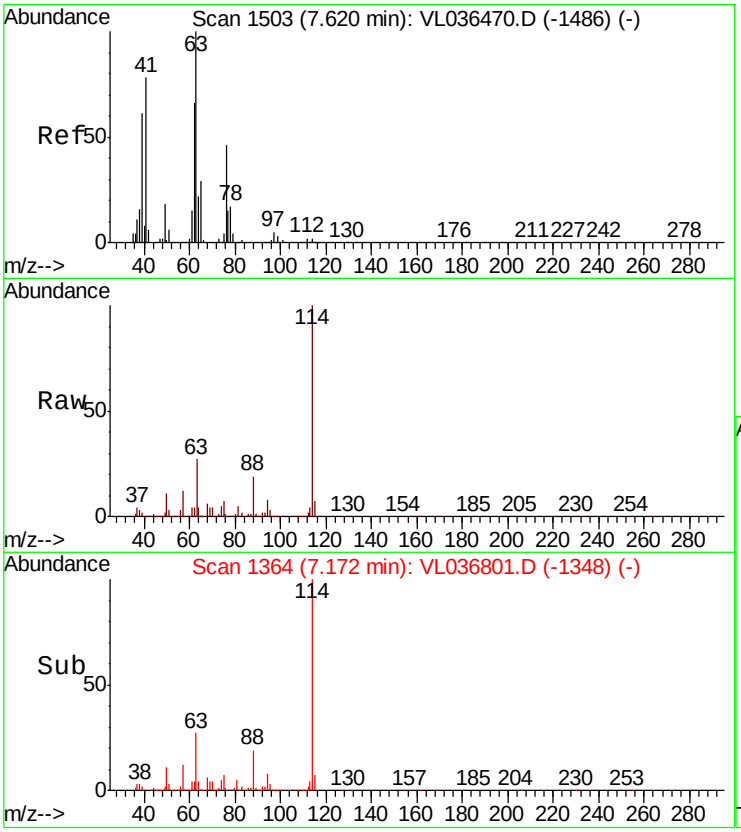


#34
2-Butanone
Concen: 0.137 ppbv
RT: 5.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 43 Resp: 22687

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#



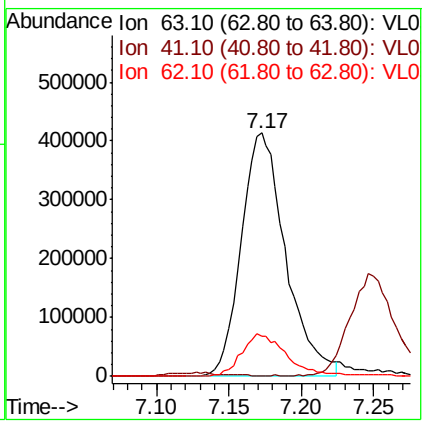


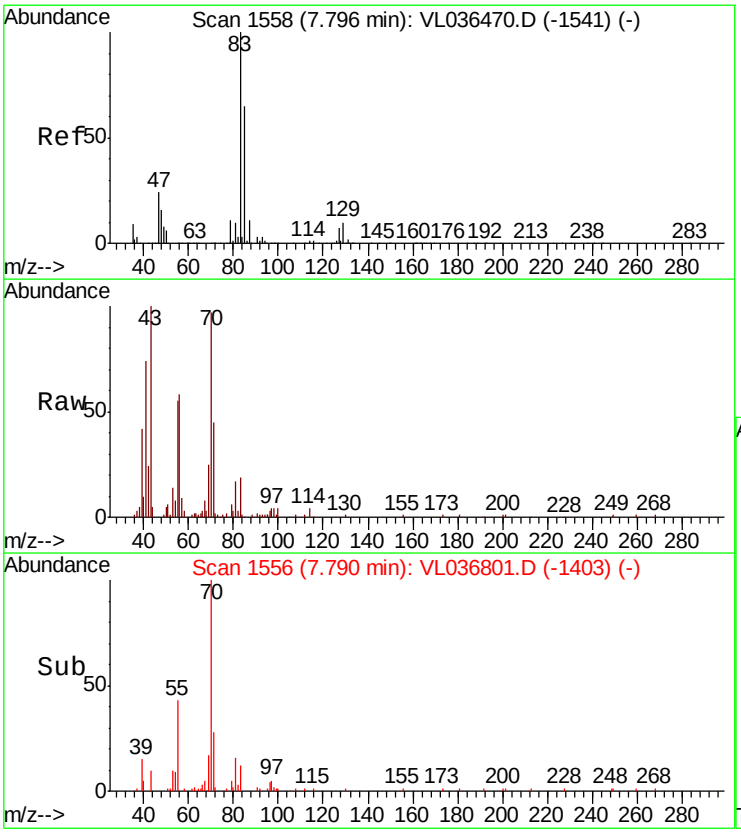
#39
1,2-Dichloropropane
Concen: 6.936 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 880945

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	16.3	52.8	79.2#

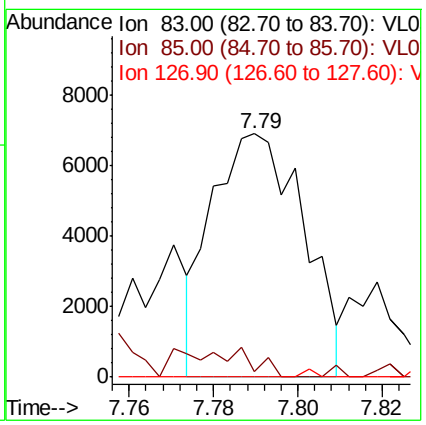


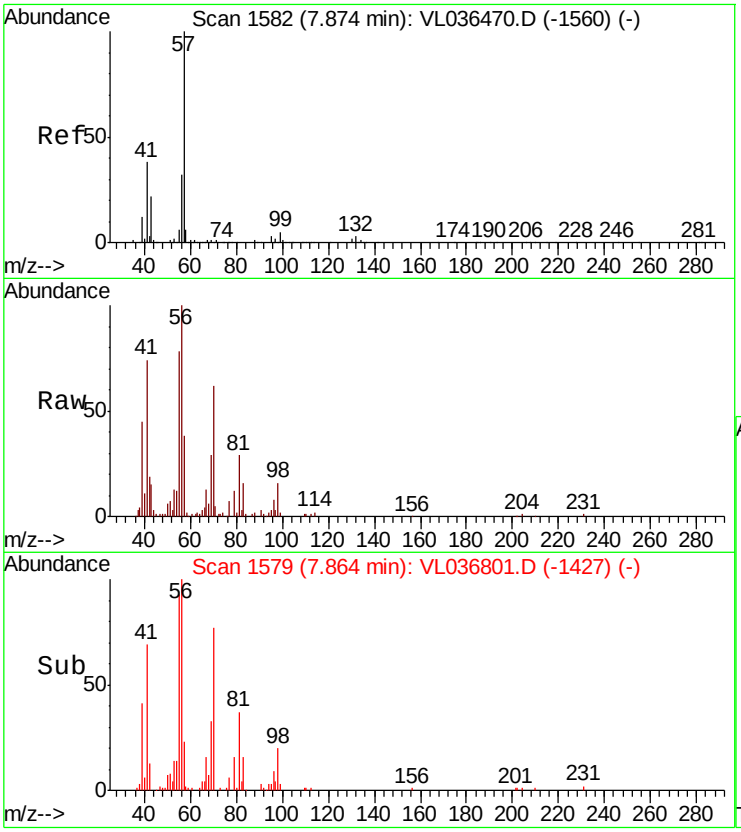


#42
Bromodichloromethane
Concen: 0.042 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 83 Resp: 10442

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#
127	0.0	5.8	8.8#



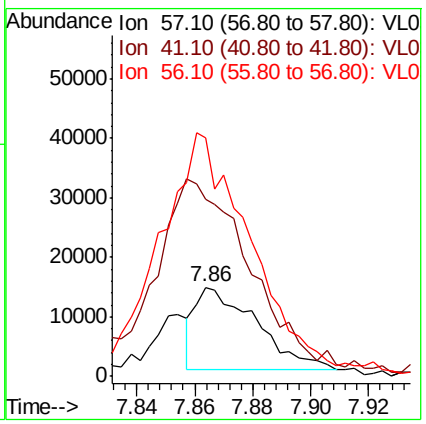


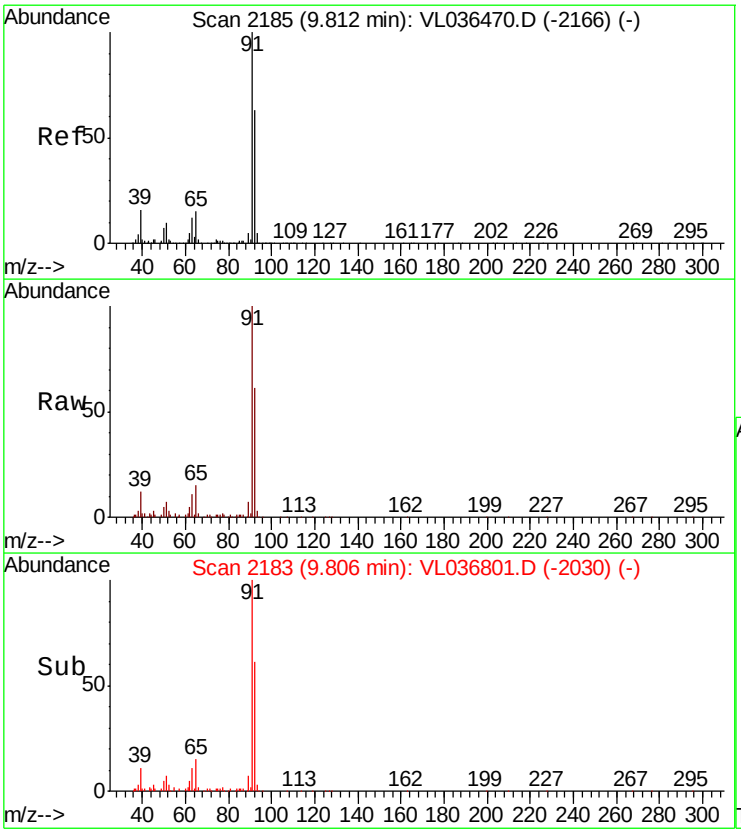
#44
2,2,4-Trimethylpentane
Concen: 0.037 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 20282

Ion	Ratio	Lower	Upper
57	100		
41	365.4	28.8	43.2#
56	459.5	26.1	39.1#

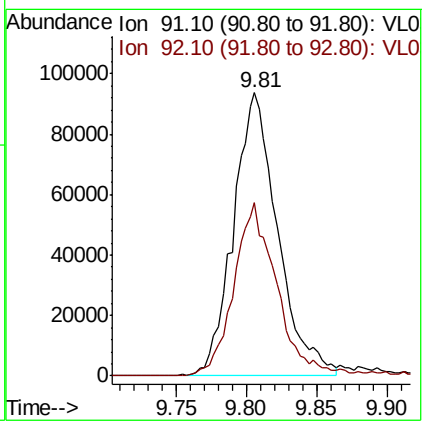


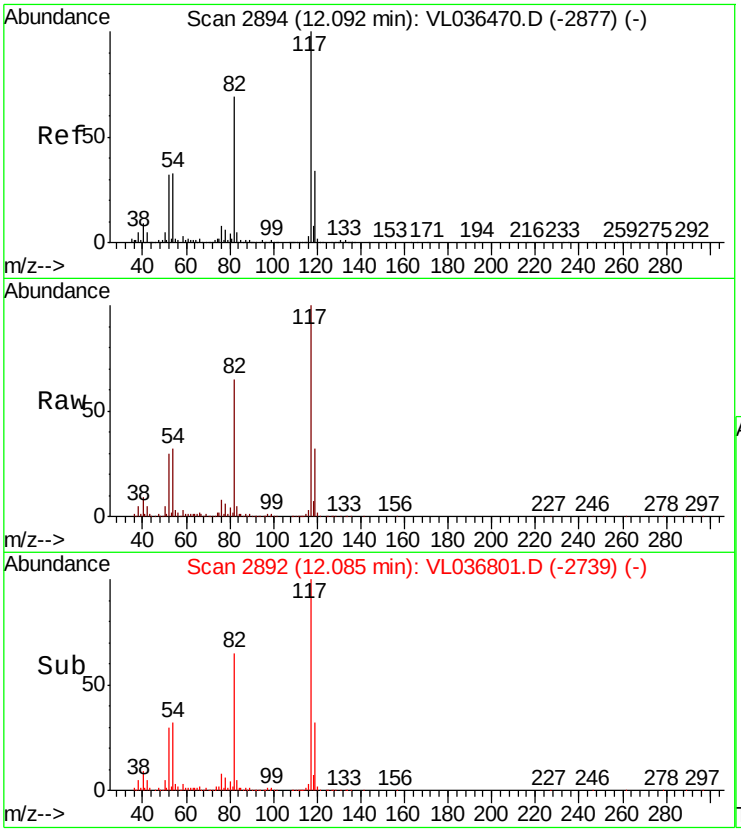


#53
Toluene
Concen: 0.611 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 91 Resp: 203777

Ion	Ratio	Lower	Upper
91	100		
92	59.8	48.8	73.2



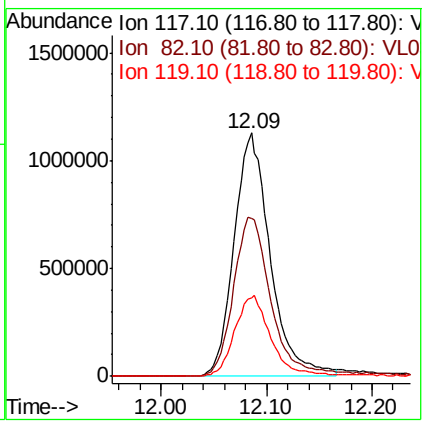


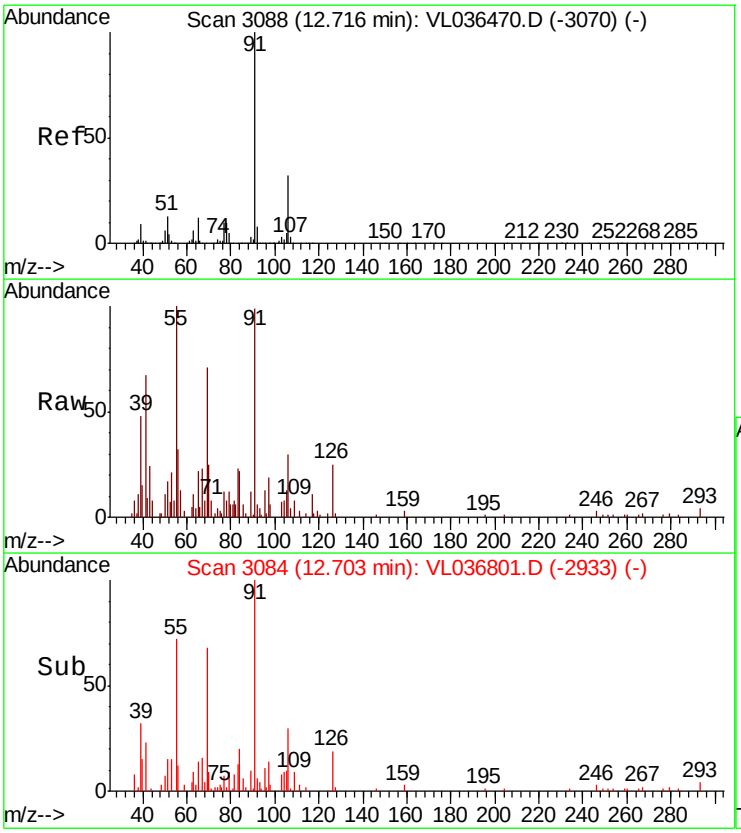
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2689190

Ion	Ratio	Lower	Upper
117	100		
82	70.6	57.4	86.0
119	34.1	47.4	71.0#

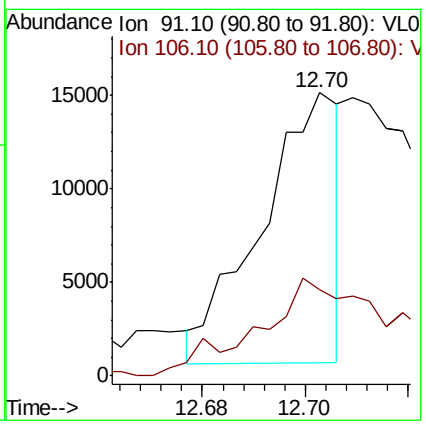


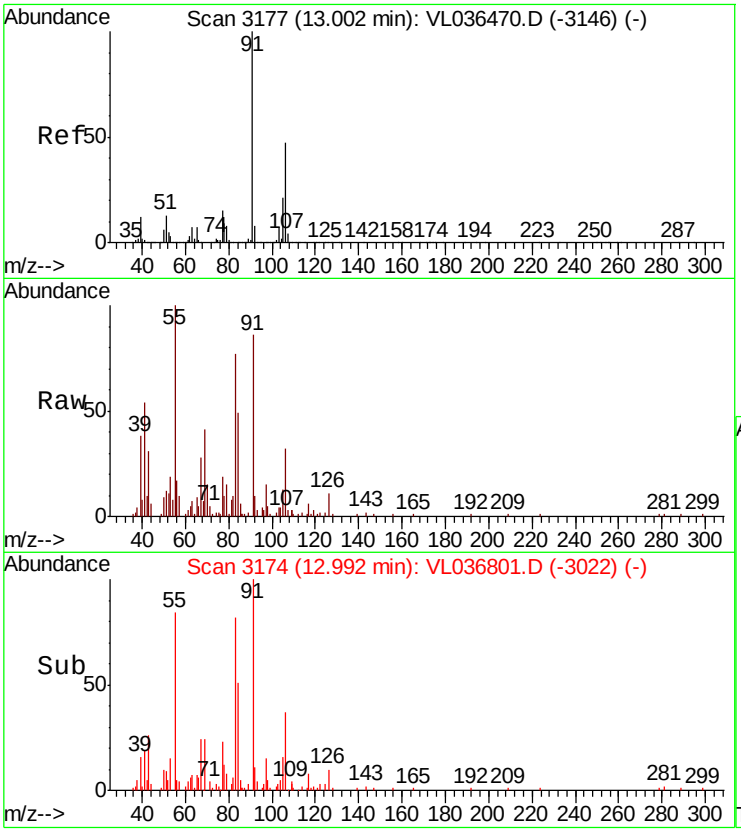


#58
Ethyl Benzene
Concen: 0.039 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 91 Resp: 15137

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.3	37.9



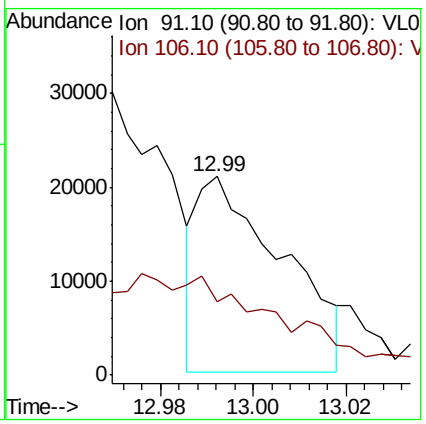


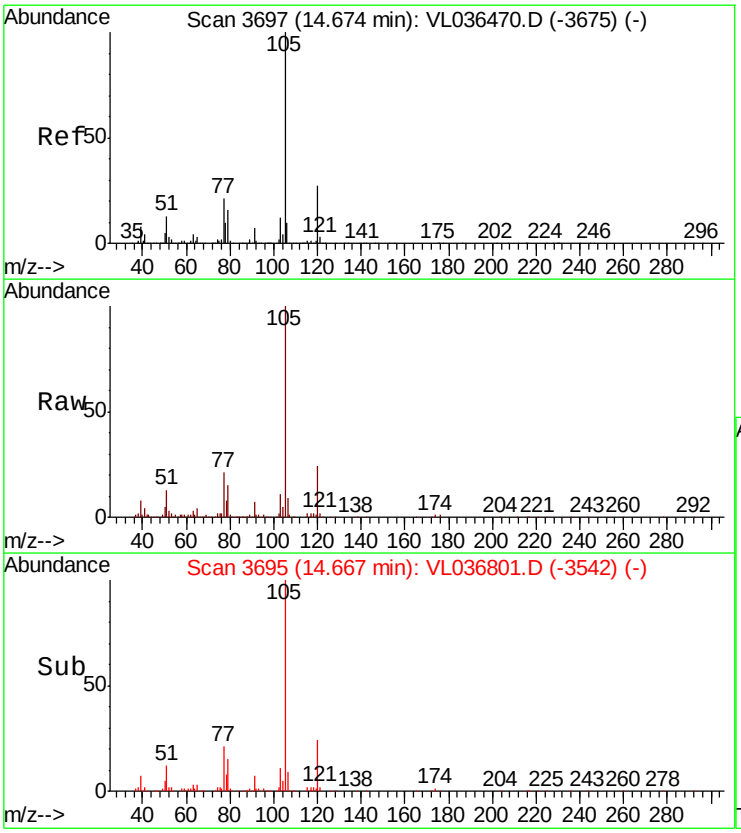
#59
m/p-Xylene
Concen: 0.078 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 26574

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.3	52.9#

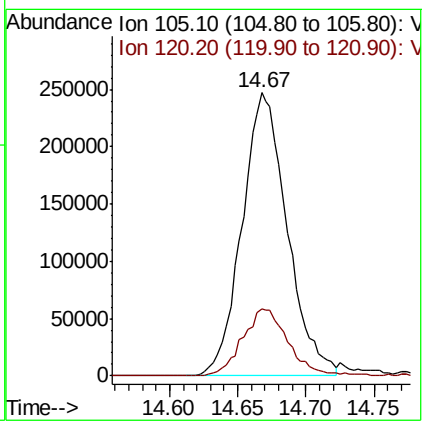


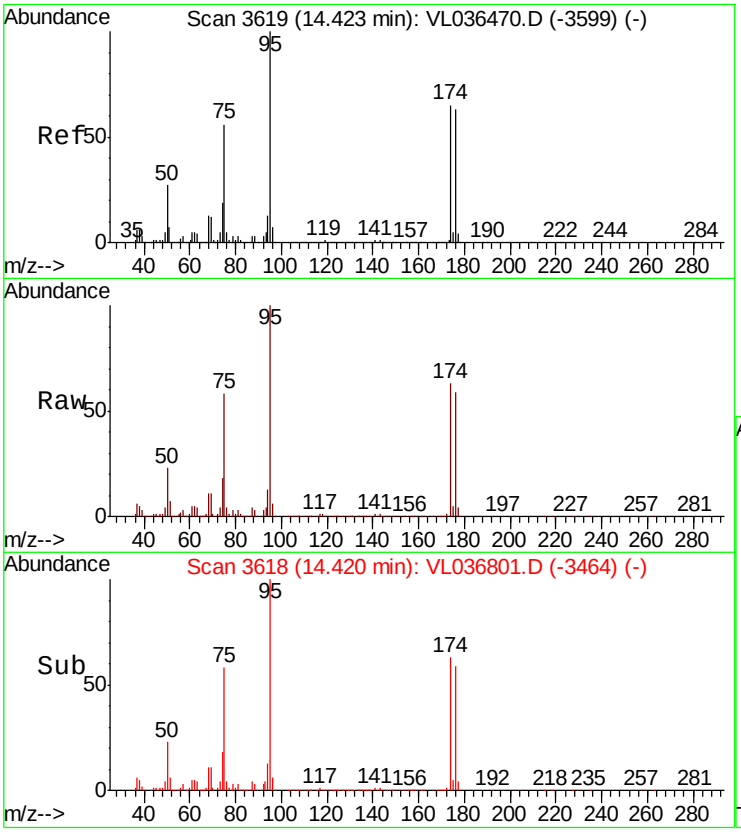


#62
Isopropylbenzene
Concen: 1.277 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion:105 Resp: 567335

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.6	31.0



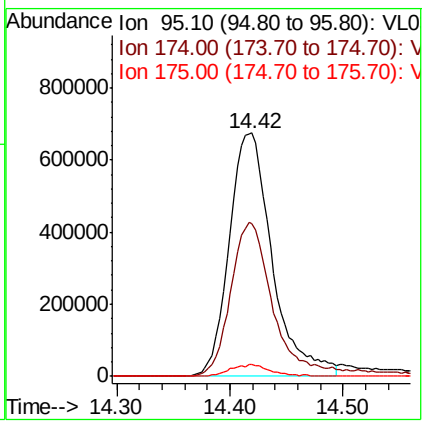


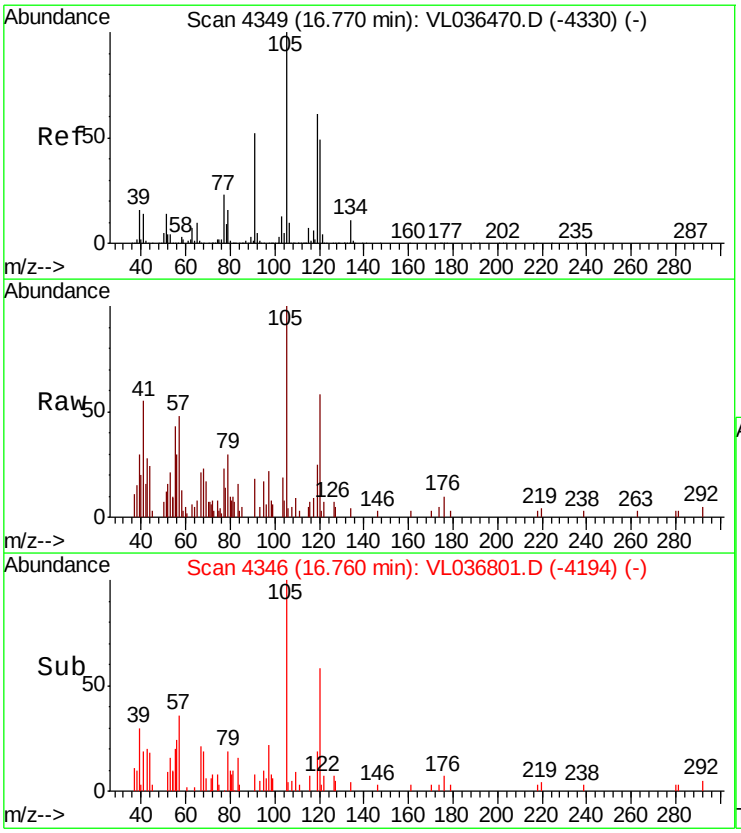
#68
1-Bromo-4-Fluorobenzene
Concen: 8.319 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 13 Apr 2021 13:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1782923

Ion	Ratio	Lower	Upper
95	100		
174	65.9	51.0	76.6
175	4.7	3.9	5.9





#74
1,2,4-Trimethylbenzene
Concen: 0.032 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion:105 Resp: 11481

Ion	Ratio	Lower	Upper
105	100		
120	55.9	39.2	58.8
91	0.0	42.6	64.0#
77	7.5	18.6	28.0#