Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032965.D
Acq On : 11 Dec 2018 21:58
Operator : SY/AP
Sample : J6264-14DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 12 00:53:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1416866	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	3690903	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	3504500	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2748895	10.62	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.20%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.01	51	6415	0.060	ppbv	#	83
4) Chloromethane	3.17	50	12365	0.198	ppbv		90
9) Propene	3.04	41	35661	0.840	ppbv		85
10) Heptane	8.25	43	122309	0.767	ppbv		97
11) Trichlorofluoromethane	4.01	101	120983	0.679	ppbv		94
13) Ethanol	3.66	45	101995	6.982	ppbv		94
15) Acetone	3.90	43	2605417	21.424	ppbv		99
16) 1,3-Butadiene	3.35	39	10334	0.214	ppbv	#	34
19) Isopropyl Alcohol	4.04	45	82756	1.084	ppbv	#	95
20) Methylene Chloride	4.41	84	46751	0.787	ppbv		86
21) Allyl Chloride	4.44	41	31427	0.317	ppbv	#	67
23) Vinyl Acetate	5.14	43	28738	0.140	ppbv	#	1
25) Ethyl Acetate	5.78	43	143438	0.499	ppbv	#	80
26) Hexane	5.78	57	196048	1.478	ppbv	#	45
27) Carbon Disulfide	4.62	76	68956	0.416	ppbv	#	84
30) Cyclohexane	7.26	84	16420	0.149	ppbv	#	4
34) 2-Butanone	5.34	43	198624	1.235	ppbv		99
36) Benzene	7.01	78	279687	1.030	ppbv		95
39) 1,2-Dichloropropane	7.29	63	859213	8.345	ppbv	#	21
40) 1,4-Dioxane	7.98	88	11646	0.307	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.99	57	190134	0.413	ppbv		92
53) Toluene	9.95	91	613540	2.131	ppbv		99
58) Ethyl Benzene	12.87	91	28768	0.077	ppbv		94
59) m/p-Xylene	13.13	91	70871	0.209	ppbv	#	100
60) o-Xylene	13.85	91	37381	0.109	ppbv		99
62) Isopropylbenzene	14.83	105	1718099	3.598	ppbv		100

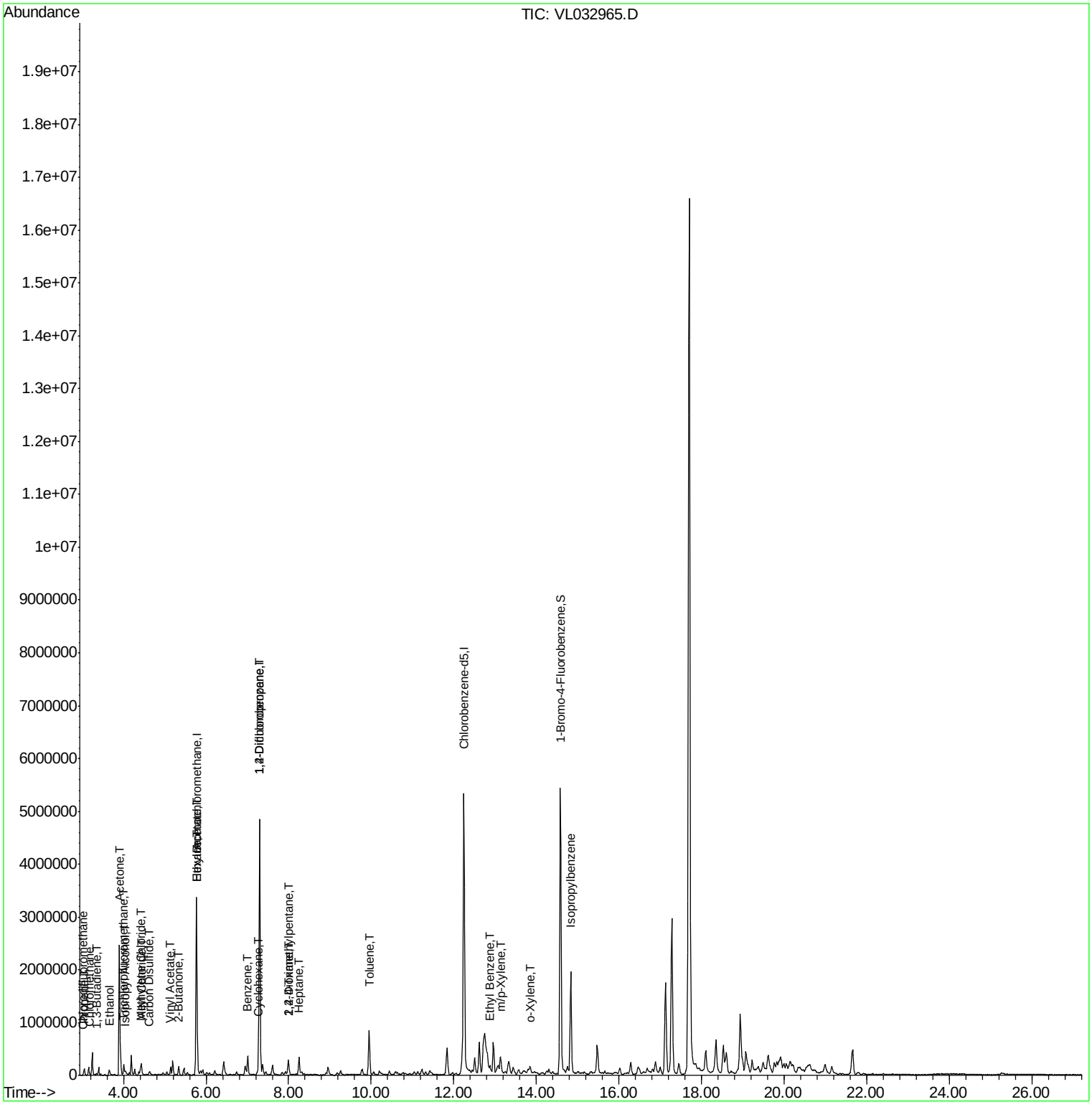
(#) = qualifier out of range (m) = manual integration (+) = signals summed

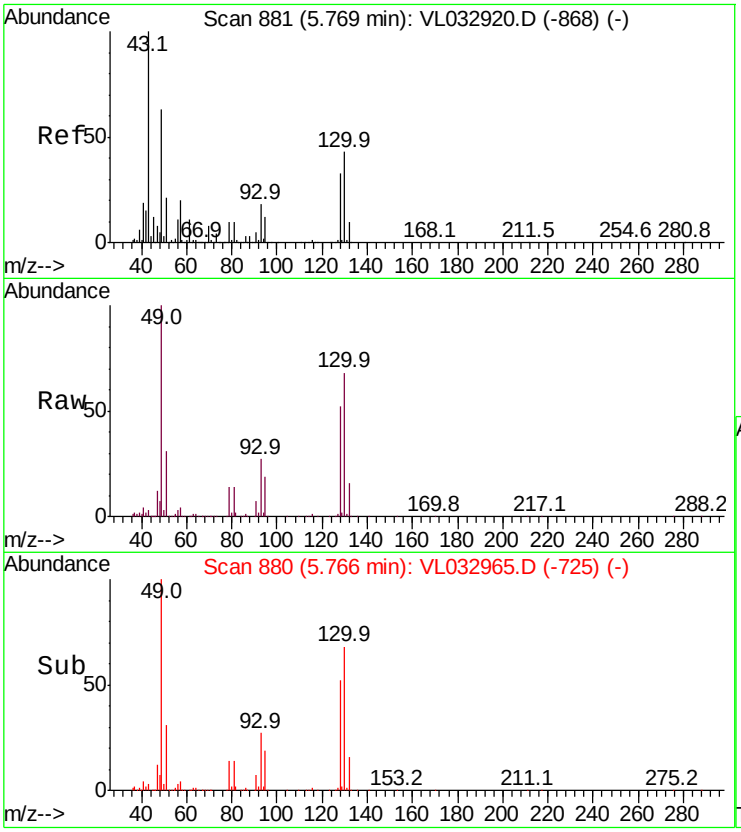
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032965.D
Acq On : 11 Dec 2018 21:58
Operator : SY/AP
Sample : J6264-14DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 12 00:53:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



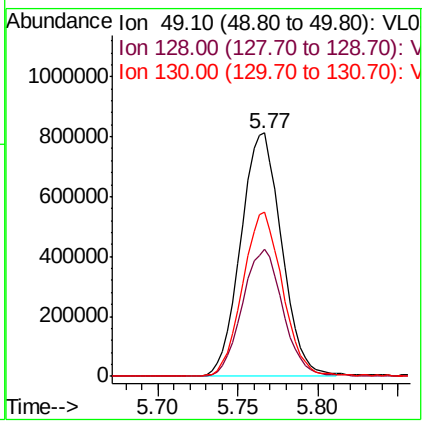


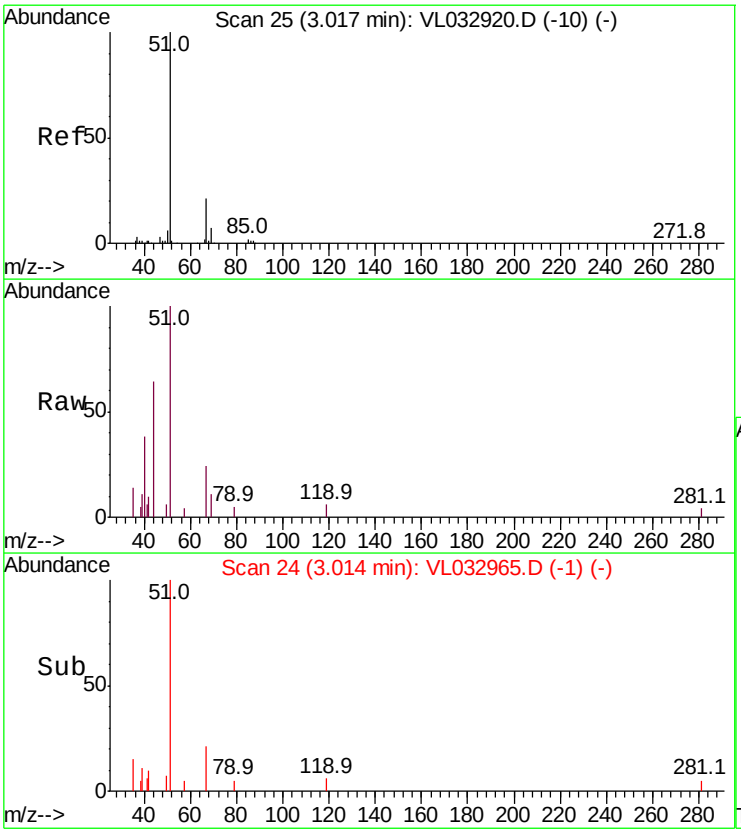
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1416866

Ion	Ratio	Lower	Upper
49	100		
128	52.3	26.3	78.8
130	66.2	33.9	101.7

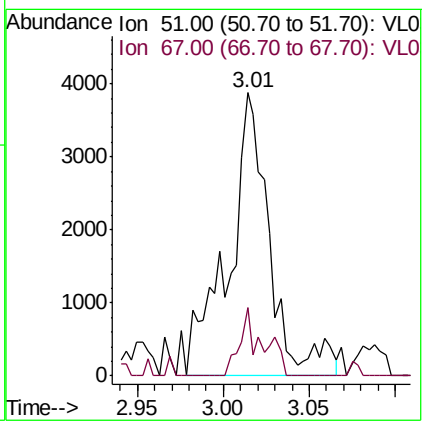


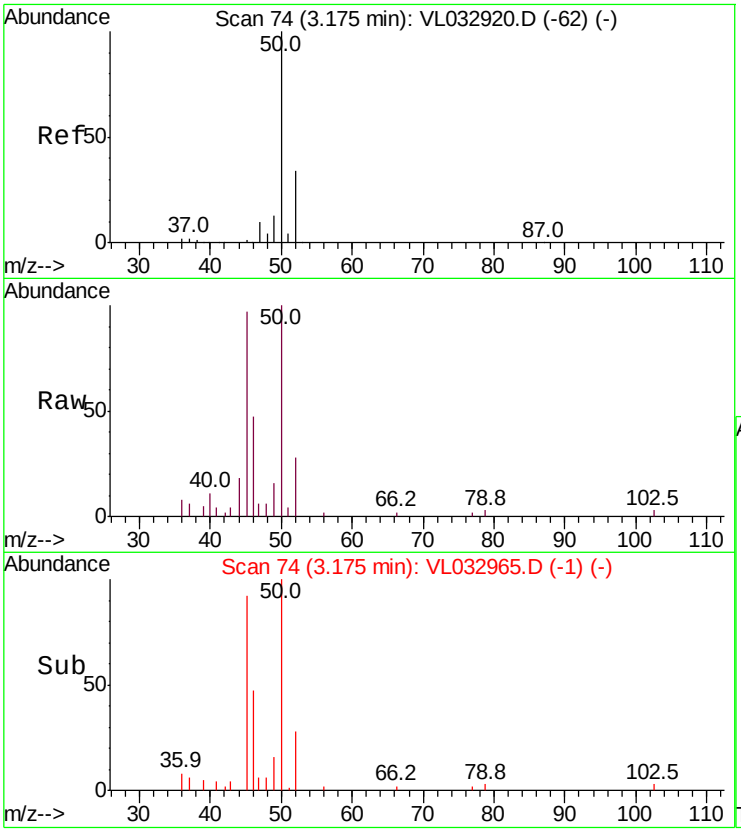


#3
Chlorodifluoromethane
Concen: 0.060 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 51 Resp: 6415

Ion	Ratio	Lower	Upper
51	100		
67	13.2	16.8	25.2#

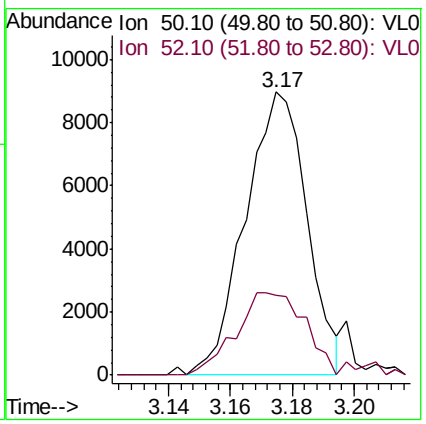




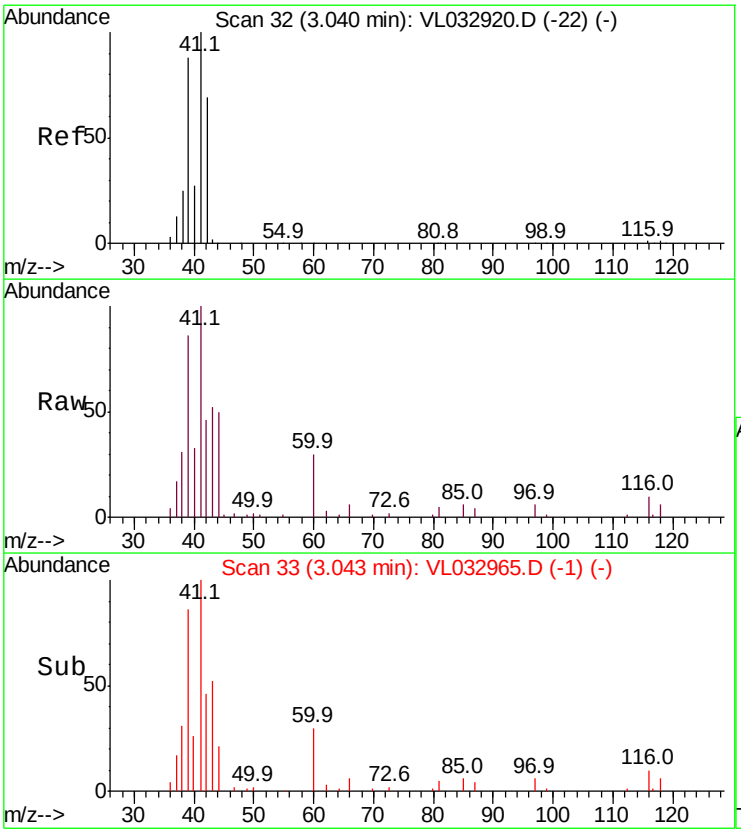
#4
Chloromethane
Concen: 0.198 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 50 Resp: 12365

Ion	Ratio	Lower	Upper
50	100		
52	28.3	27.3	40.9



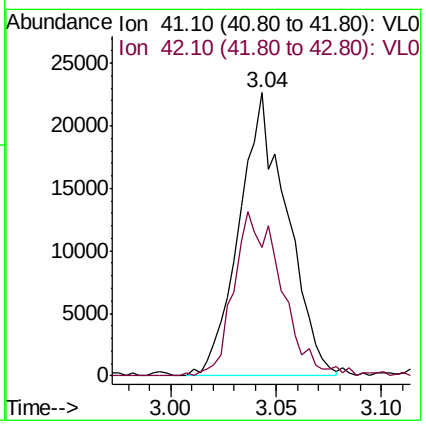
Instrument :
MSVOA_L
ClientSampleId :

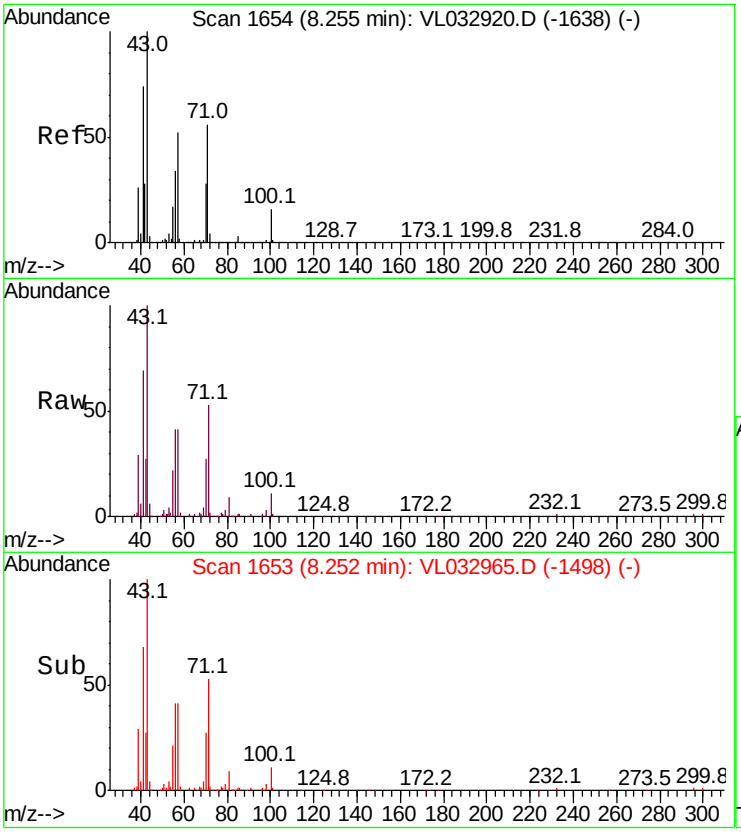


#9
Propene
Concen: 0.840 ppbv
RT: 3.04 min Scan# 33
Delta R.T. 0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 41 Resp: 35661

Ion	Ratio	Lower	Upper
41	100		
42	58.2	56.2	84.2



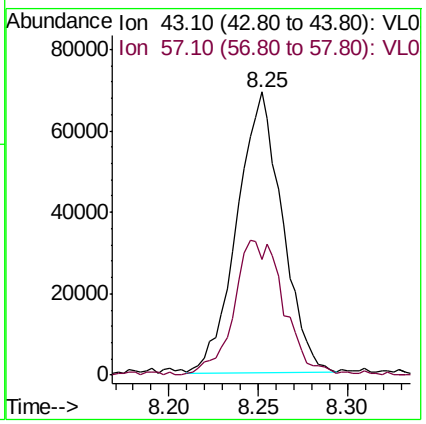


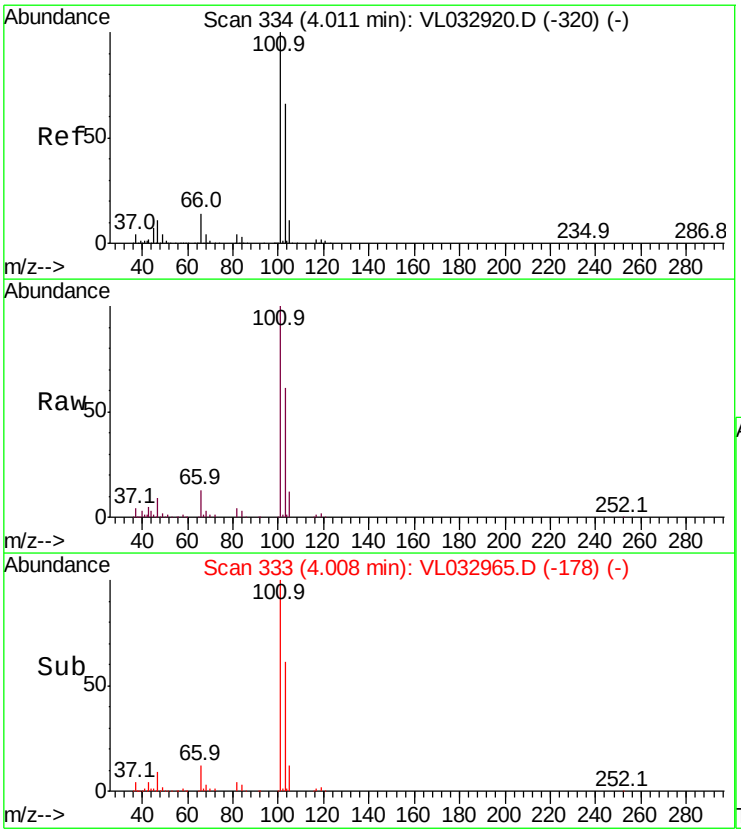
#10
Heptane
Concen: 0.767 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 122309

Ion	Ratio	Lower	Upper
43	100		
57	54.1	41.8	62.6

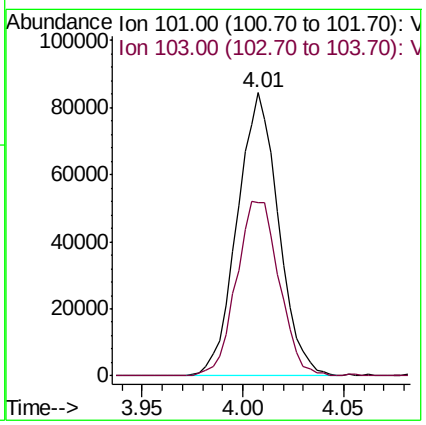


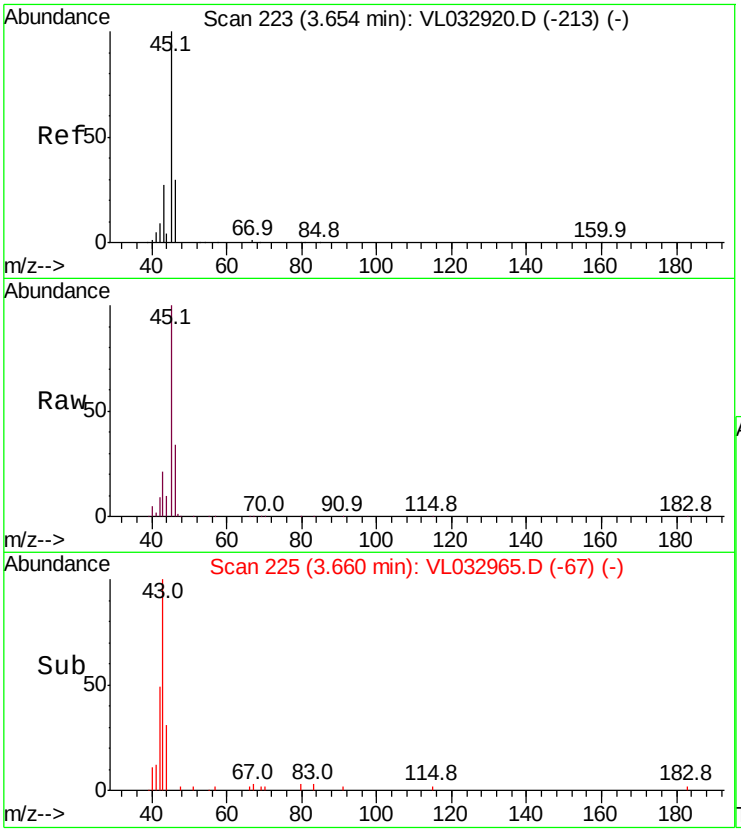


#11
Trichlorofluoromethane
Concen: 0.679 ppbv
RT: 4.01 min Scan# 333
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion:101 Resp: 120983

Ion	Ratio	Lower	Upper
101	100		
103	61.2	52.7	79.1



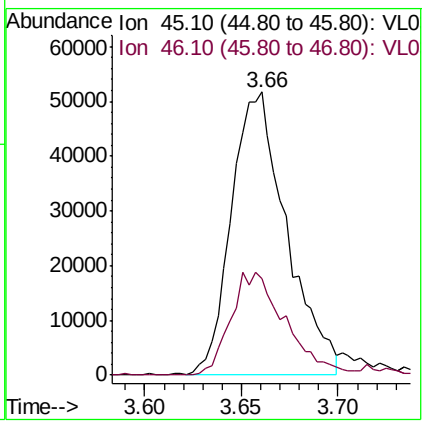


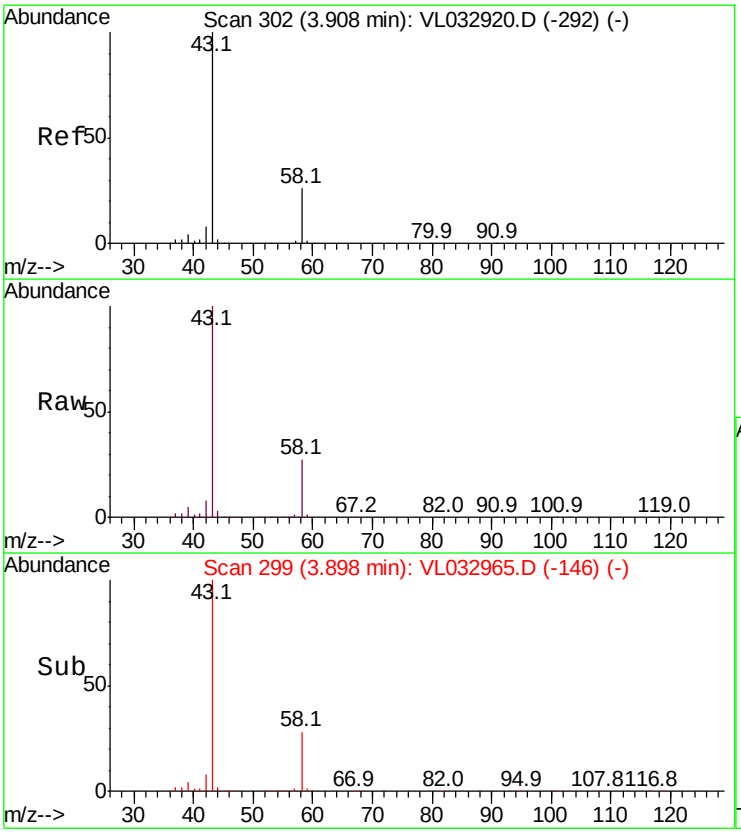
#13
Ethanol
Concen: 6.982 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 101995

Ion	Ratio	Lower	Upper
45	100		
46	38.1	13.8	55.4

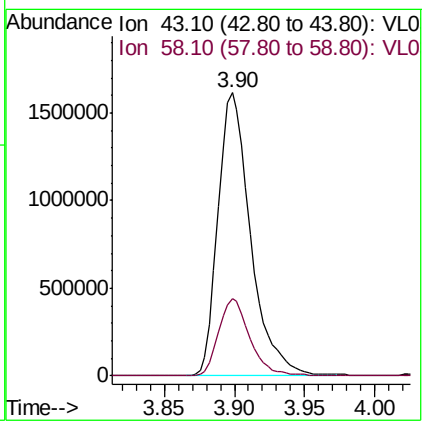


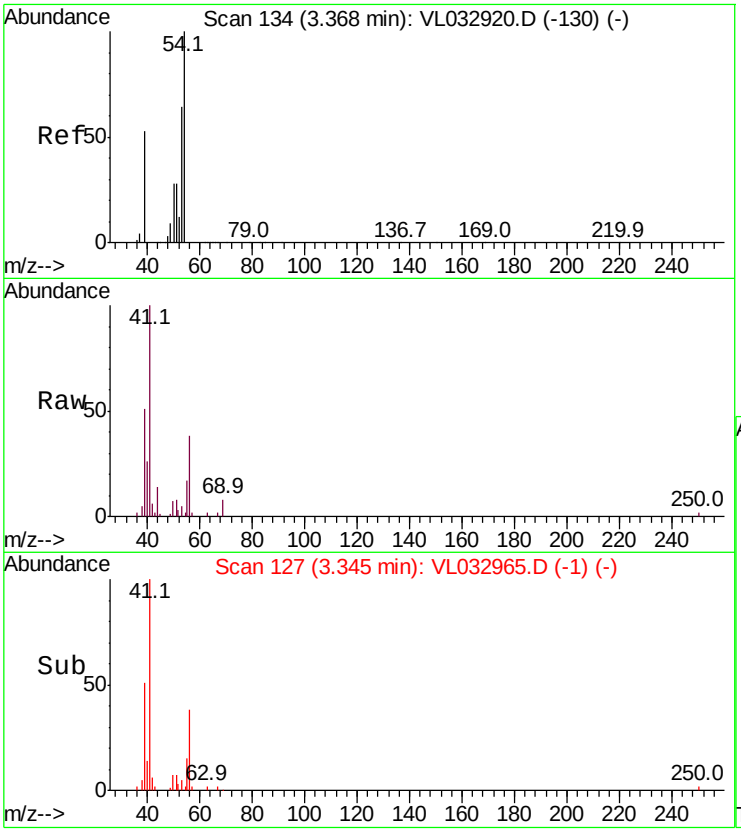


#15
Acetone
Concen: 21.424 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 43 Resp: 2605417

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.6	30.8



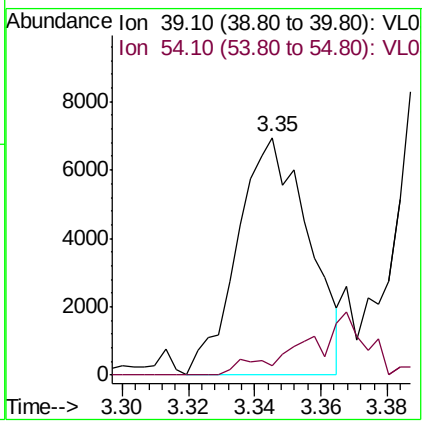


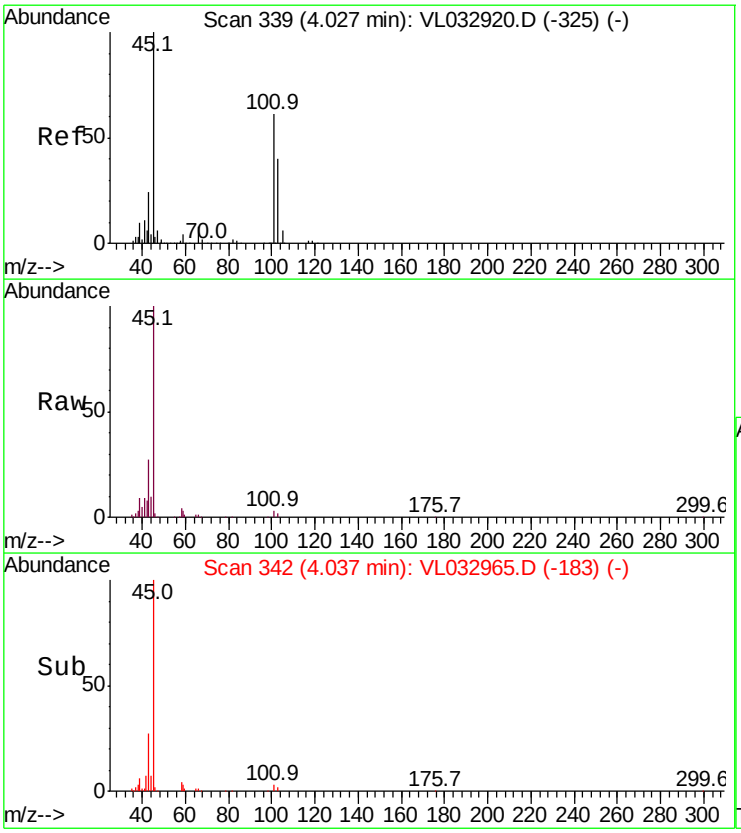
#16
1,3-Butadiene
Concen: 0.214 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.02 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 10334

Ion	Ratio	Lower	Upper
39	100		
54	28.4	72.7	109.1#

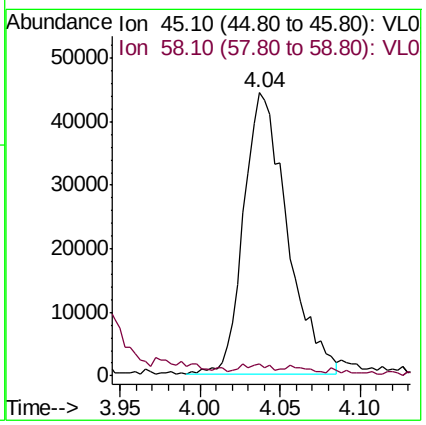


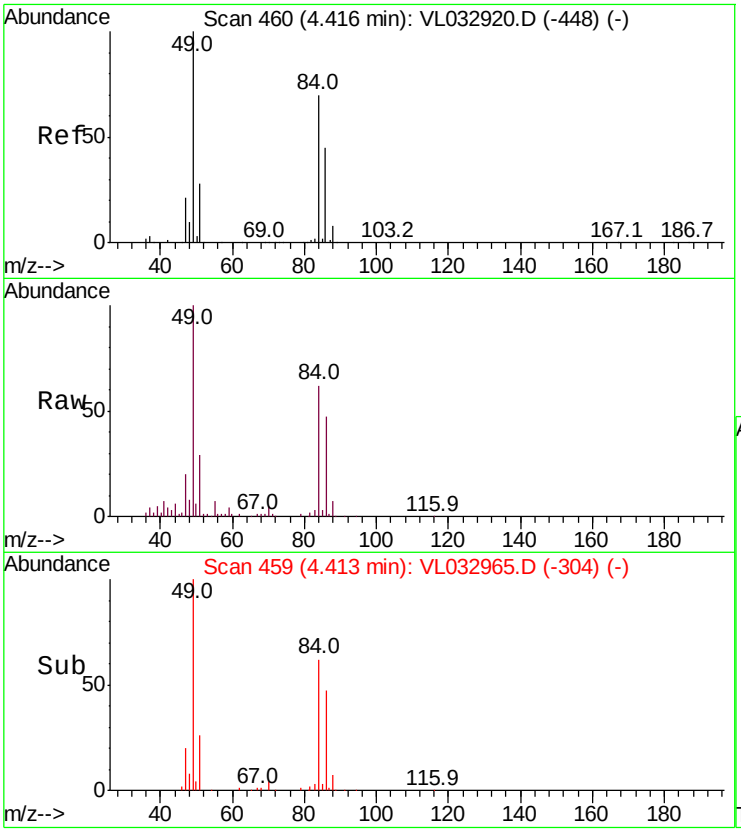


#19
Isopropyl Alcohol
Concen: 1.084 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 45 Resp: 82756

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#



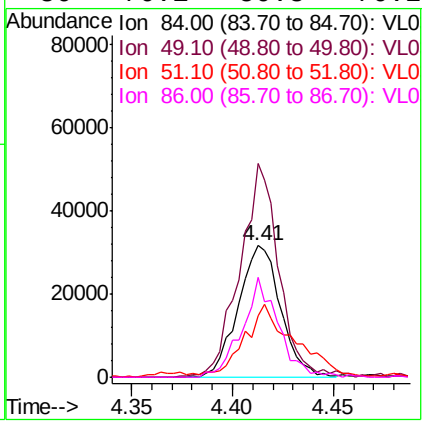


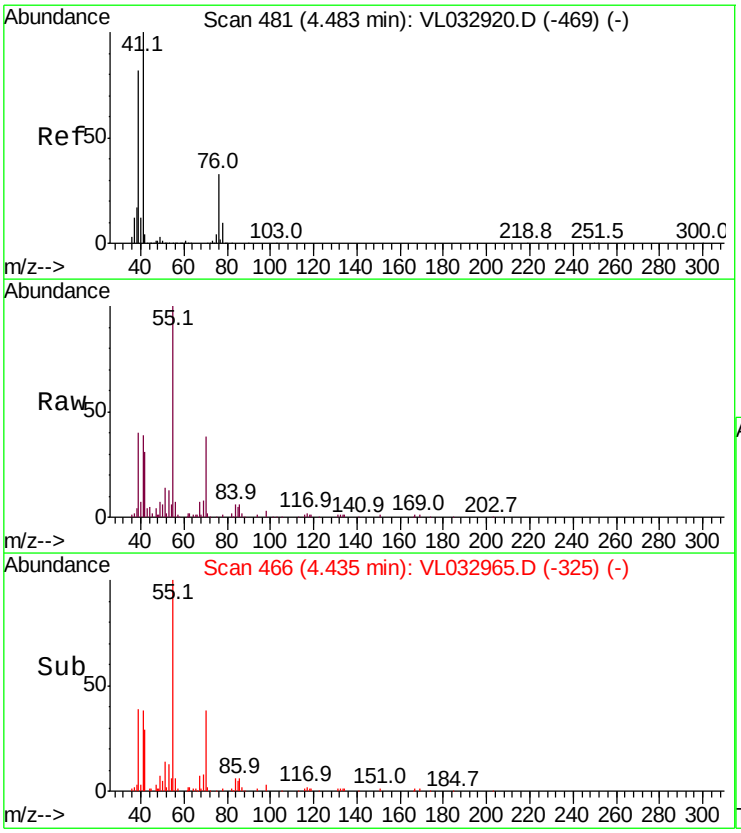
#20
Methylene Chloride
Concen: 0.787 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 46751

Ion	Ratio	Lower	Upper
84	100		
49	161.4	113.8	170.8
51	44.6	31.8	47.8
86	76.1	50.8	76.2

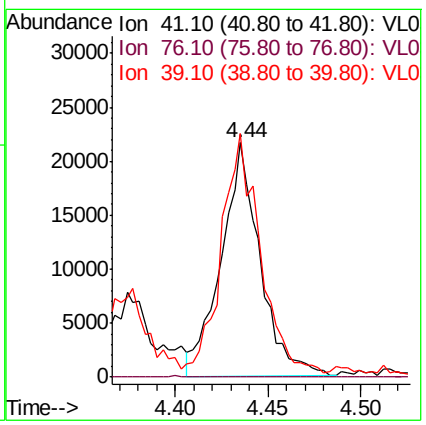


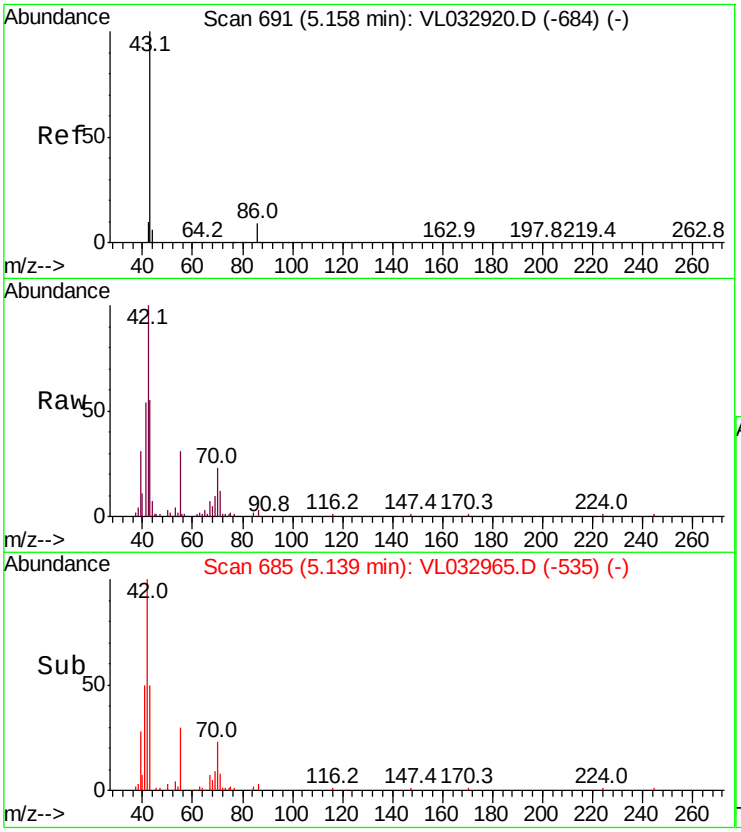


#21
Allyl Chloride
Concen: 0.317 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 41 Resp: 31427

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.2	37.8#
39	102.9	65.2	97.8#



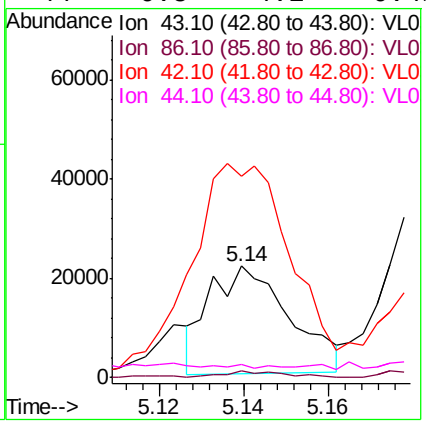


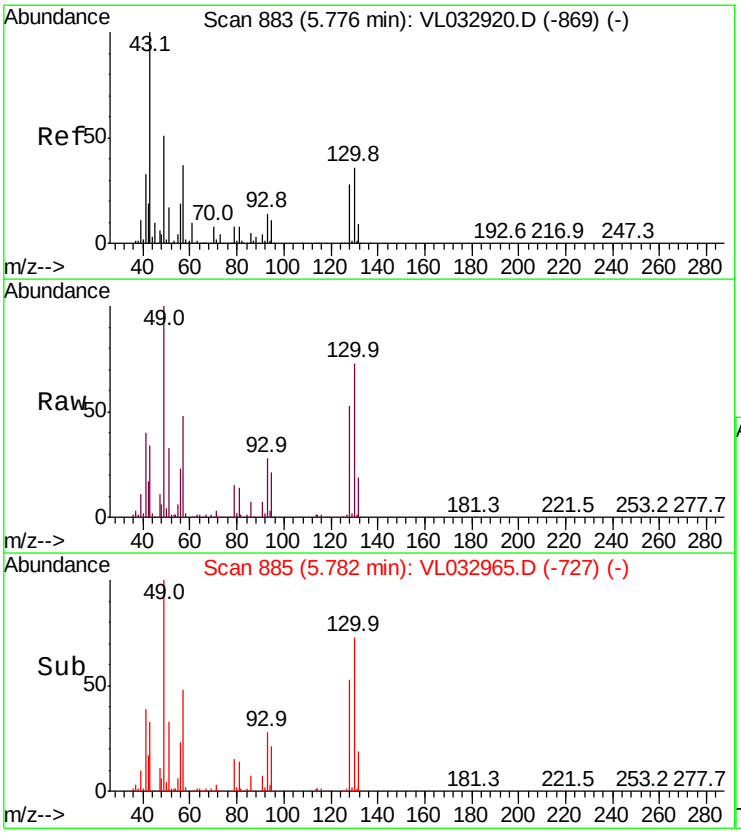
#23
Vinyl Acetate
Concen: 0.140 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.02 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 28738

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.6	9.8
42	220.8	8.3	12.5#
44	6.5	4.2	6.4#

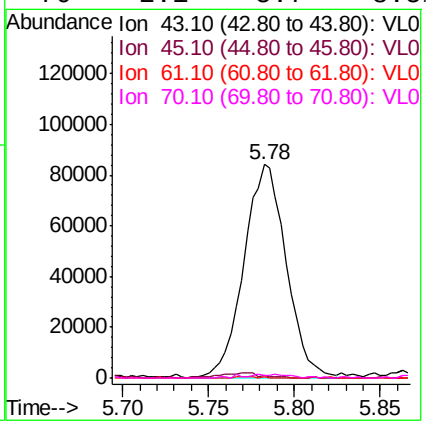


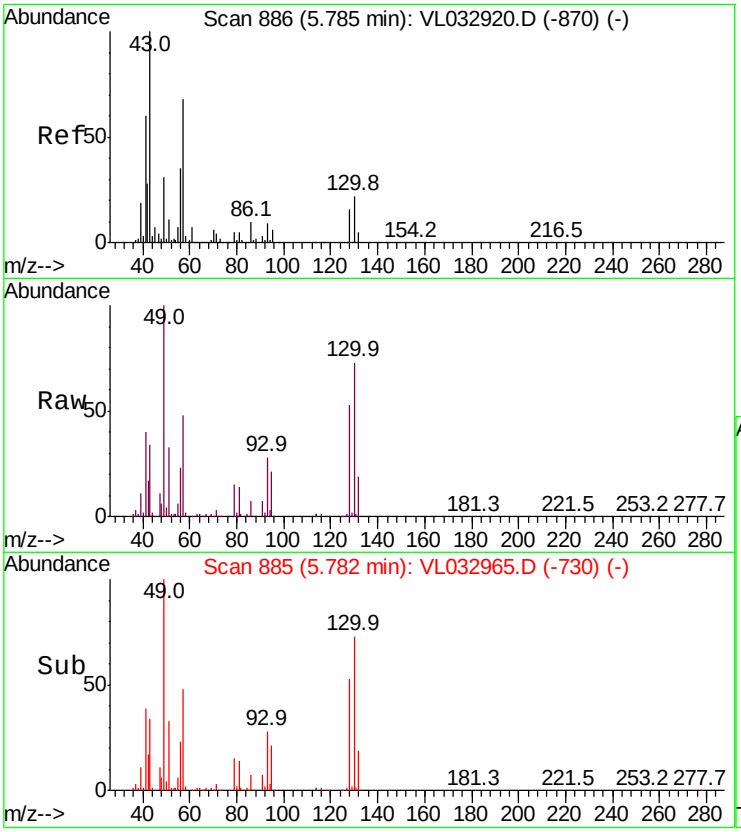


#25
Ethyl Acetate
Concen: 0.499 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 43 Resp: 143438

Ion	Ratio	Lower	Upper
43	100		
45	2.8	7.8	11.6#
61	0.4	7.4	11.2#
70	2.1	5.7	8.5#



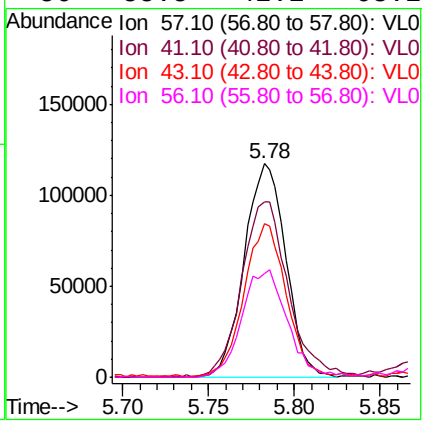


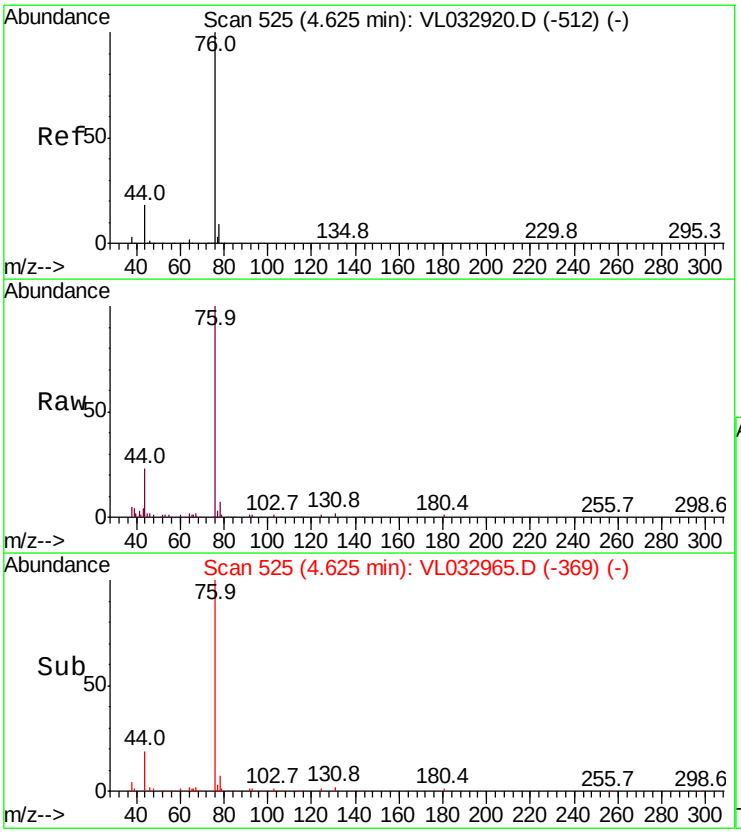
#26
Hexane
Concen: 1.478 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 196048

Ion	Ratio	Lower	Upper
57	100		
41	92.6	72.2	108.2
43	73.9	171.9	257.9#
56	55.5	42.2	63.2

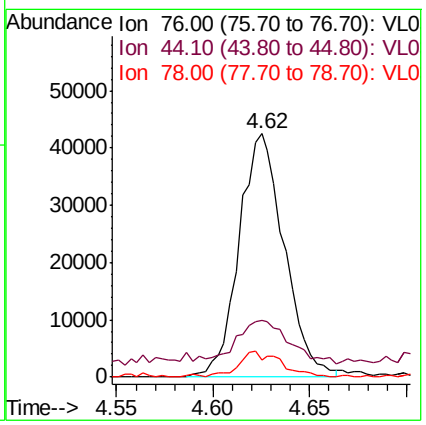


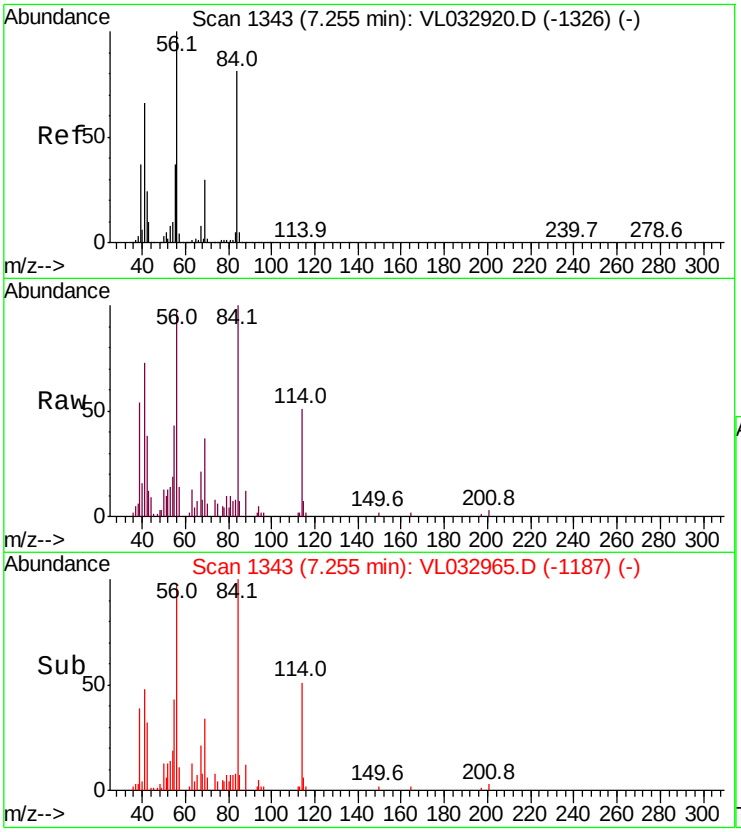


#27
Carbon Disulfide
Concen: 0.416 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 76 Resp: 68956

Ion	Ratio	Lower	Upper
76	100		
44	28.2	14.7	22.1#
78	10.4	7.4	11.2



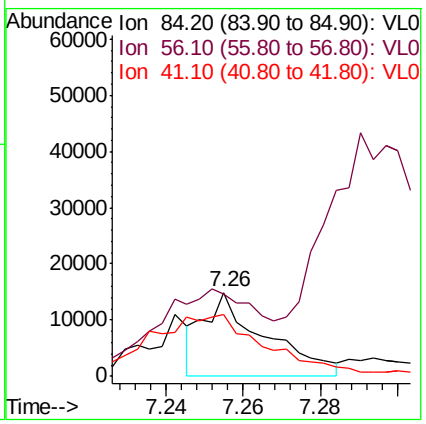


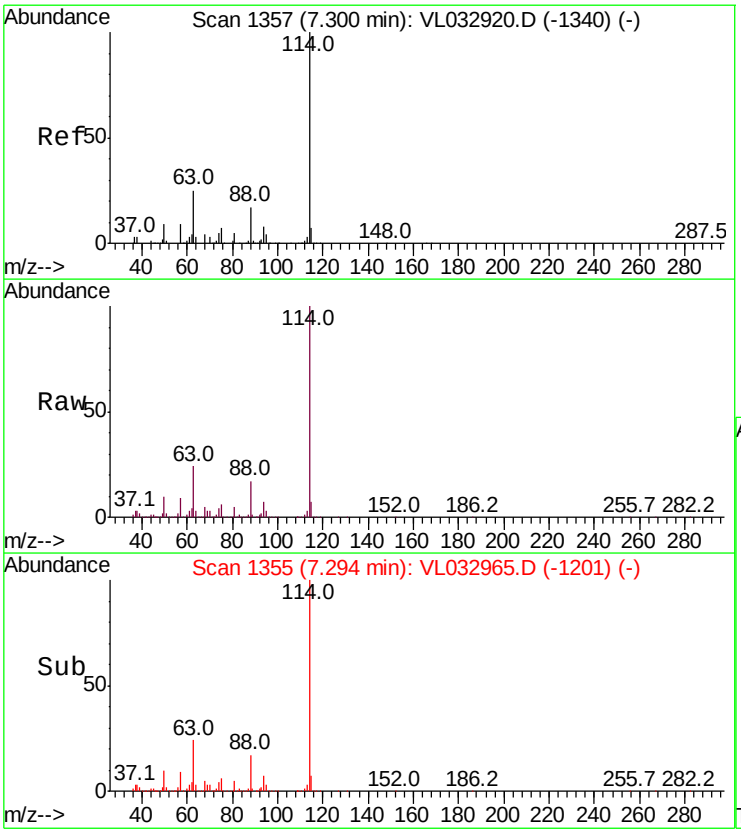
#30
Cyclohexane
Concen: 0.149 ppbv
RT: 7.26 min Scan# 1343
Delta R.T. 0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 16420

Ion	Ratio	Lower	Upper
84	100		
56	0.0	102.5	153.7#
41	143.7	64.1	96.1#

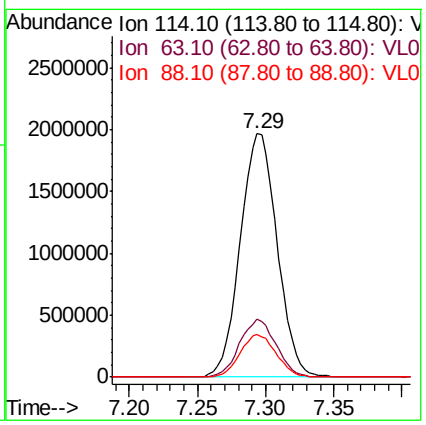


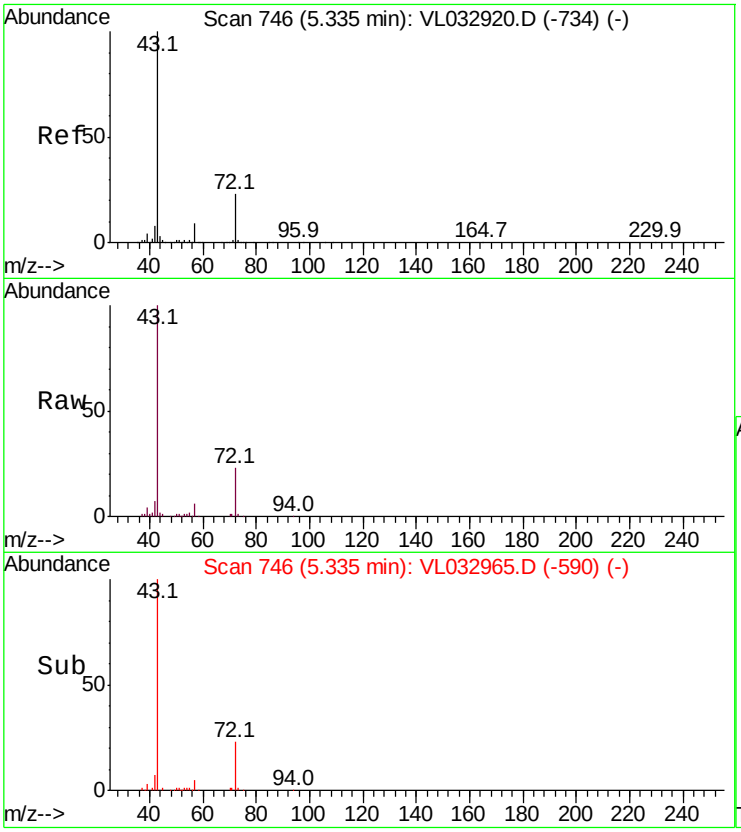


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion:114 Resp: 3690903

Ion	Ratio	Lower	Upper
114	100		
63	23.5	20.1	30.1
88	17.2	14.2	21.4



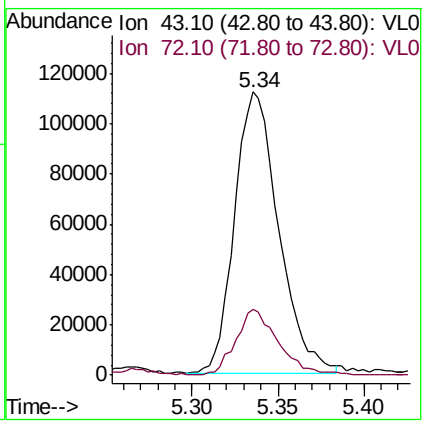


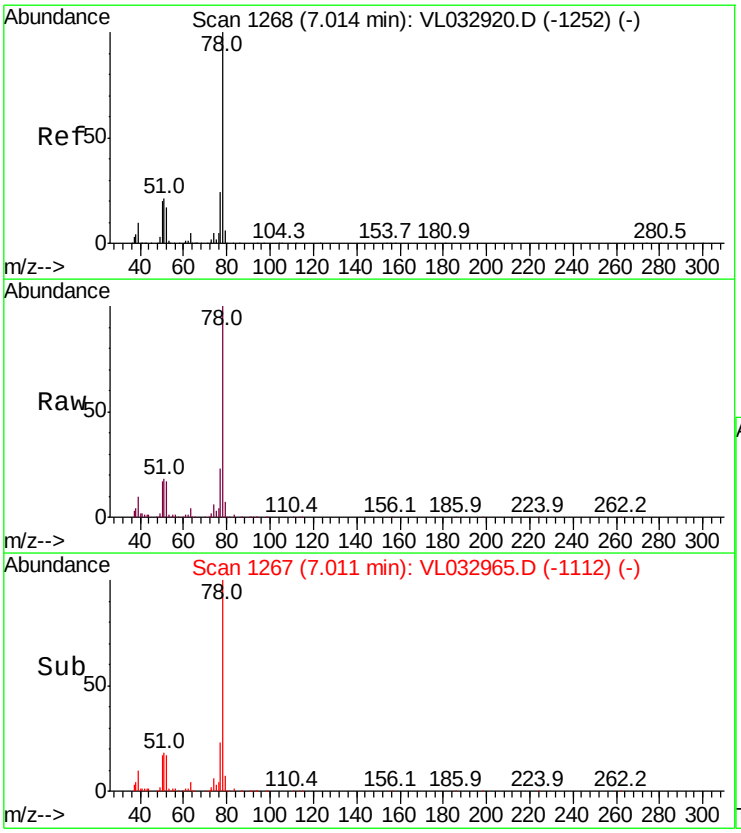
#34
2-Butanone
Concen: 1.235 ppbv
RT: 5.34 min Scan# 746
Delta R.T. 0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 198624

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.8	28.2

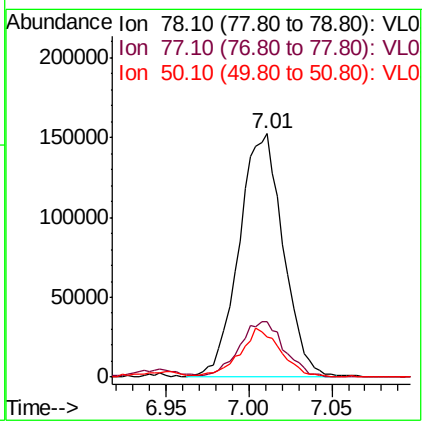


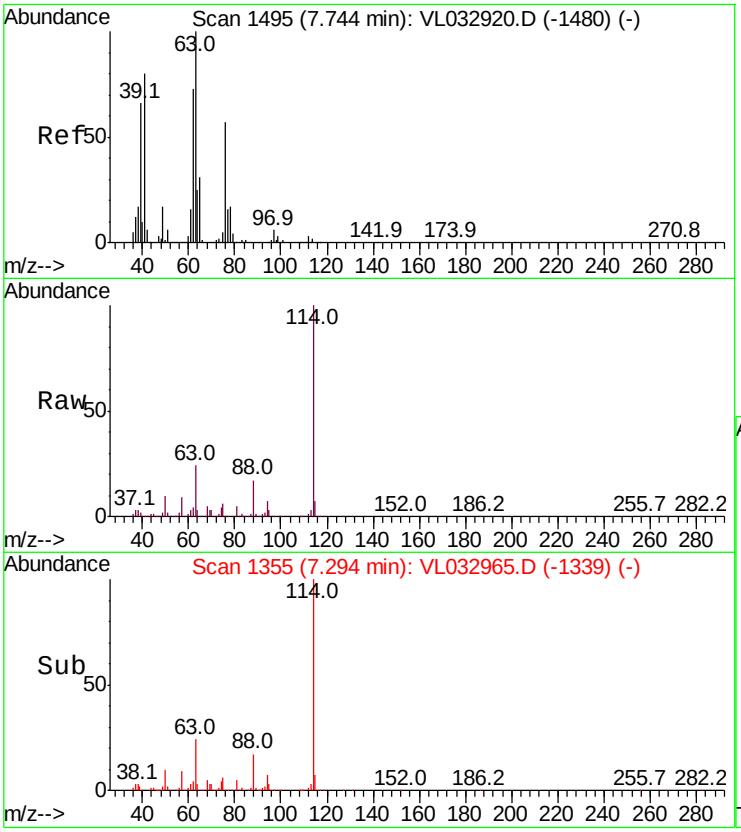


#36
Benzene
Concen: 1.030 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 78 Resp: 279687

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.9	28.3
50	16.6	16.1	24.1



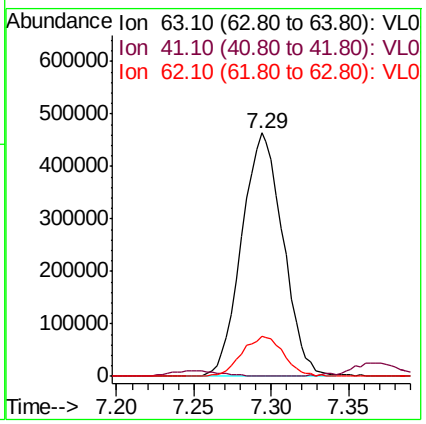


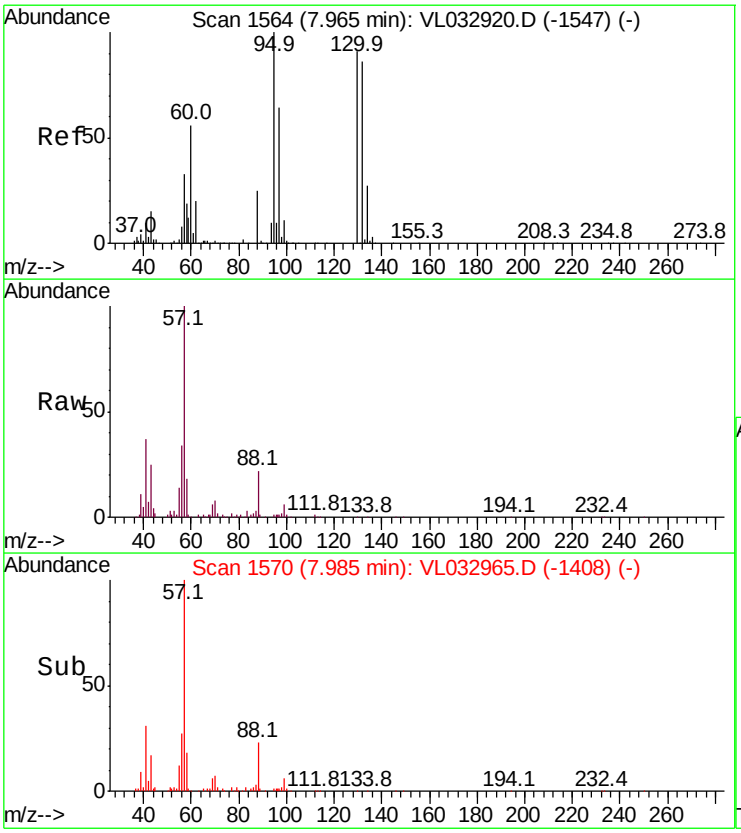
#39
1,2-Dichloropropane
Concen: 8.345 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 859213

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	16.7	58.8	88.2#

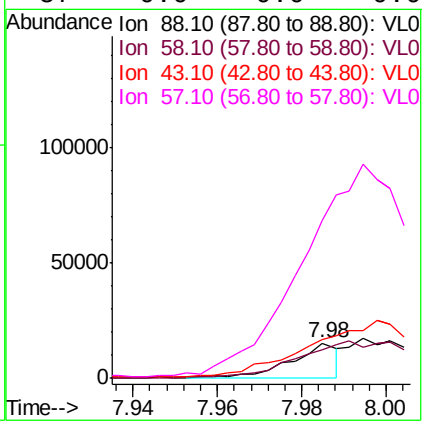


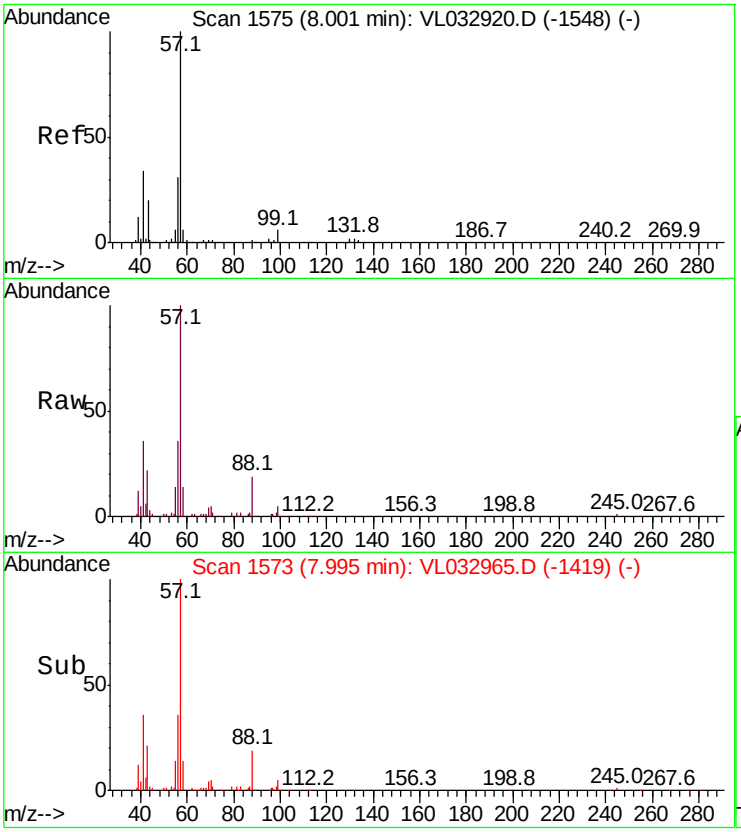


#40
1,4-Dioxane
Concen: 0.307 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 88 Resp: 11646

Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.4	161.2#
43	83.6	0.0	0.0#
57	0.0	0.0	0.0



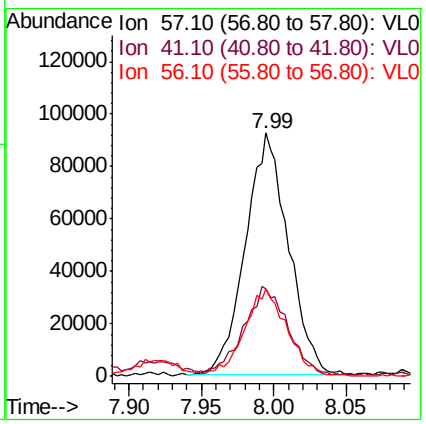


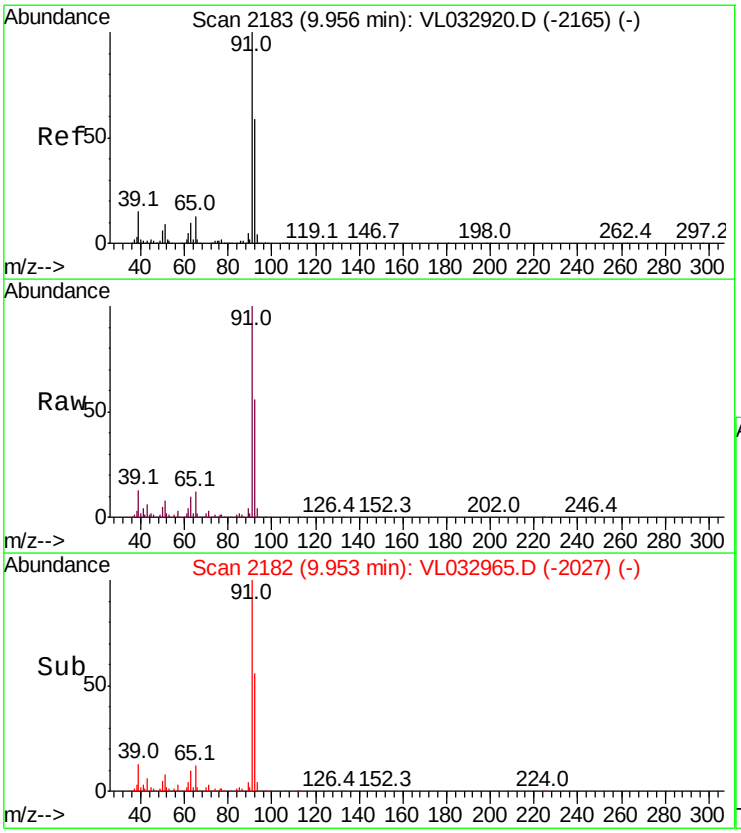
#44
2,2,4-Trimethylpentane
Concen: 0.413 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 190134

Ion	Ratio	Lower	Upper
57	100		
41	37.6	27.0	40.4
56	35.9	24.6	37.0

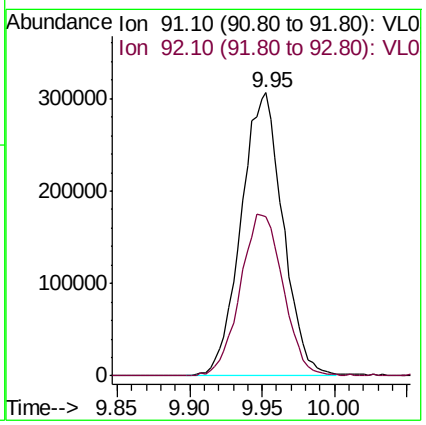


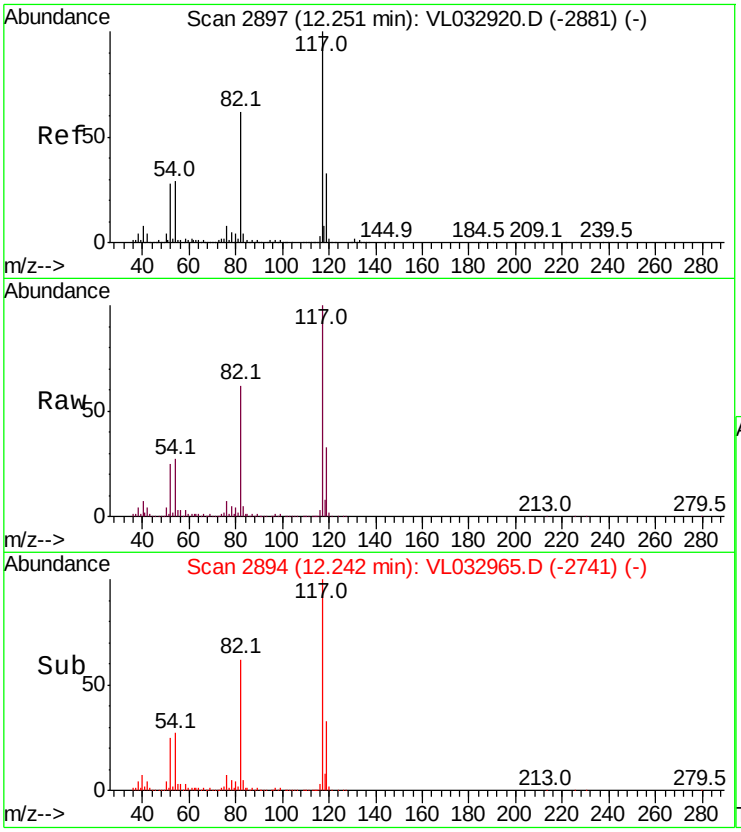


#53
Toluene
Concen: 2.131 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 91 Resp: 613540

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.4	71.0



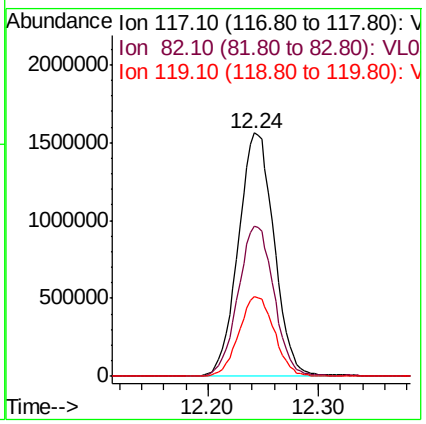


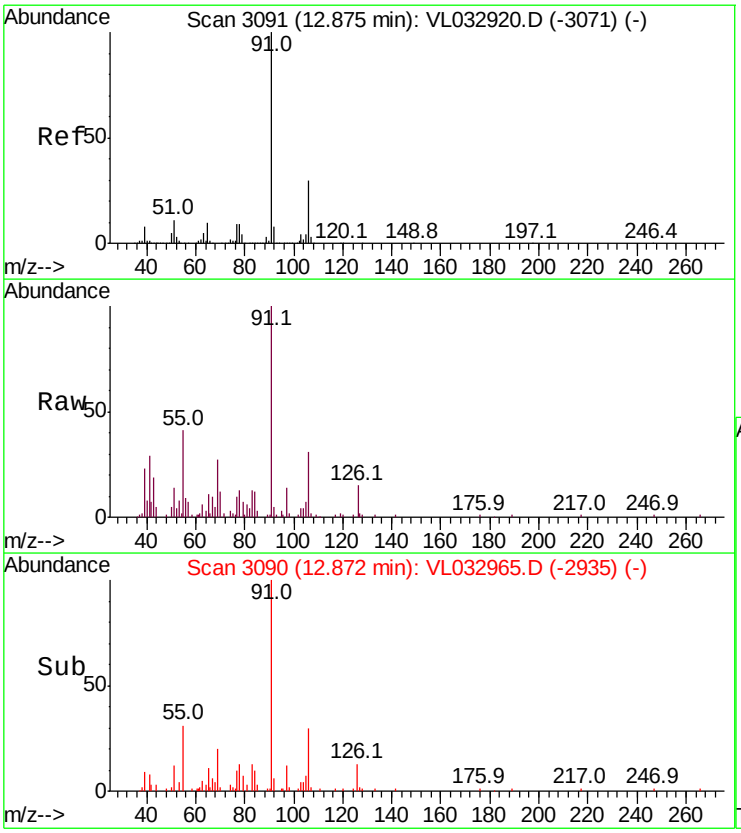
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3504500

Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.8	71.8
119	32.6	43.1	64.7#

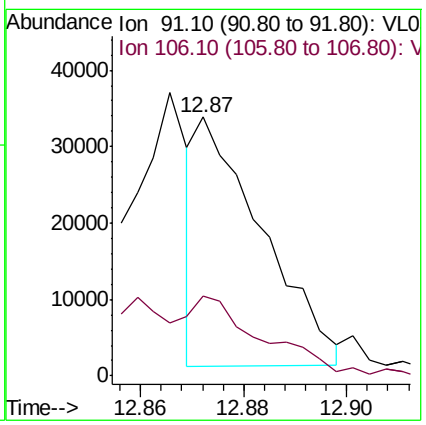


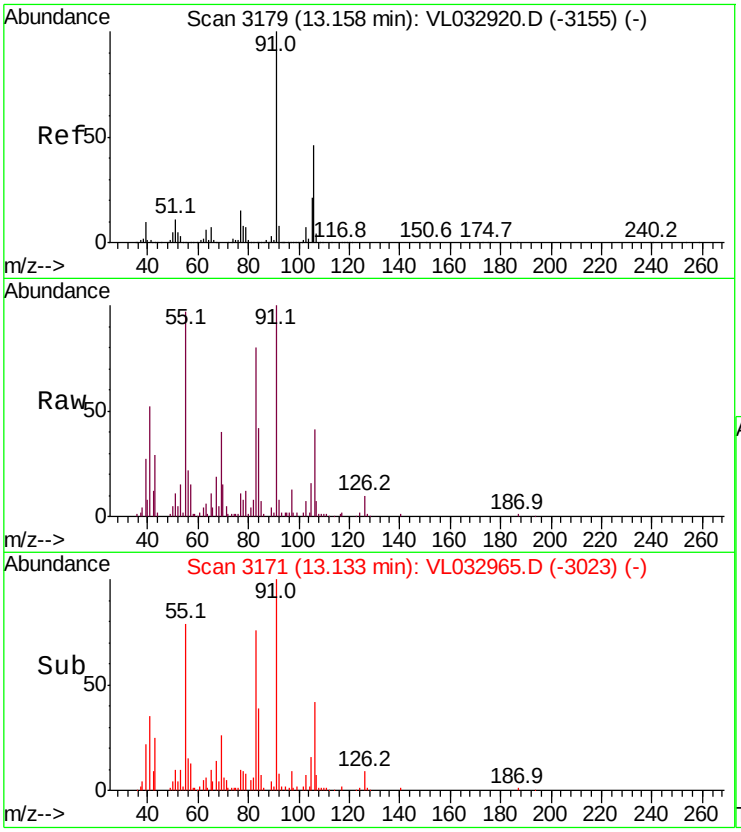


#58
Ethyl Benzene
Concen: 0.077 ppbv
RT: 12.87 min Scan# 3090
Delta R.T. -0.00 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 91 Resp: 28768

Ion	Ratio	Lower	Upper
91	100		
106	33.1	23.9	35.9



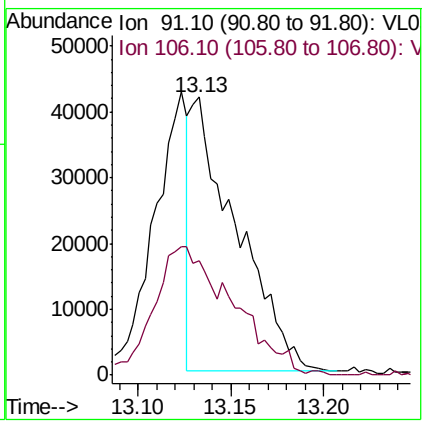


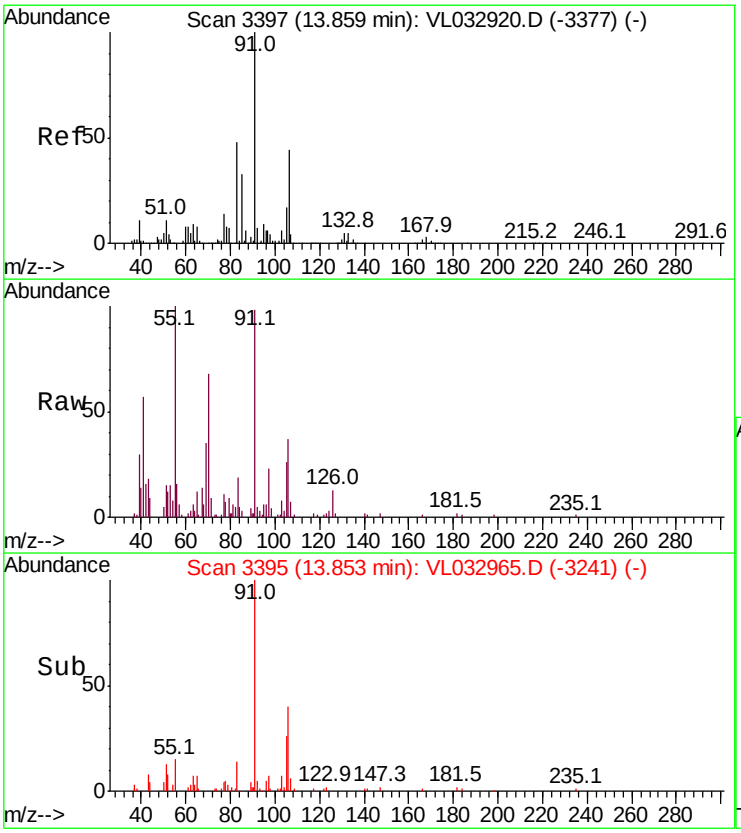
#59
m/p-Xylene
Concen: 0.209 ppbv
RT: 13.13 min Scan# 3171
Delta R.T. -0.03 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 70871

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

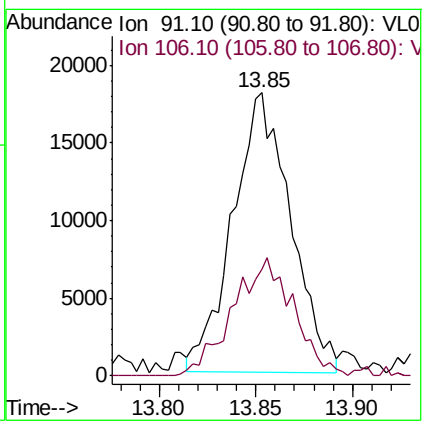


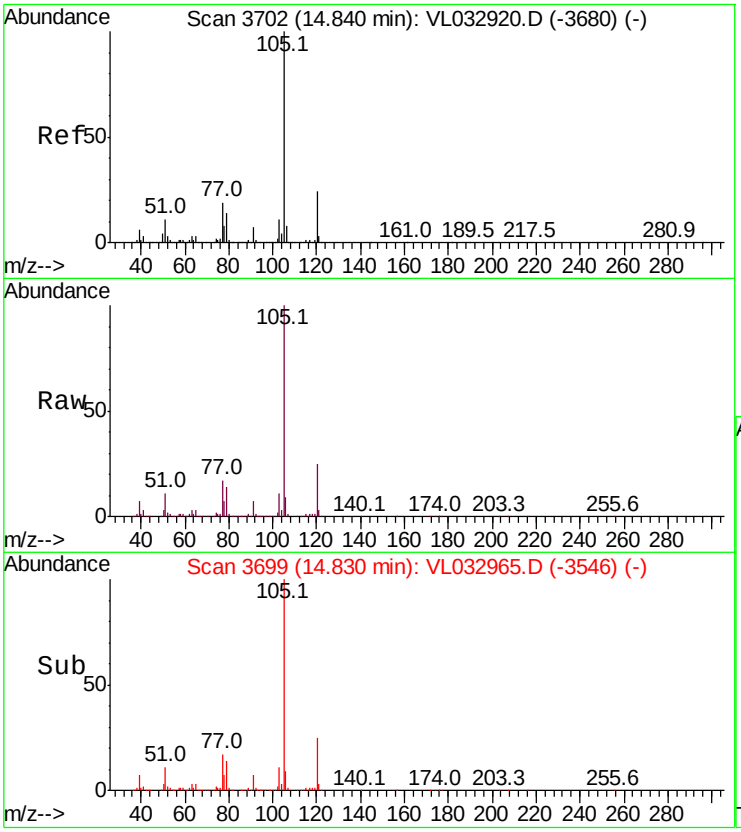


#60
o-Xylene
Concen: 0.109 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 91 Resp: 37381

Ion	Ratio	Lower	Upper
91	100		
106	44.2	21.9	65.8



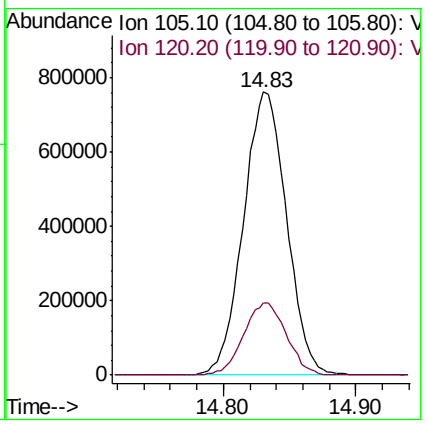


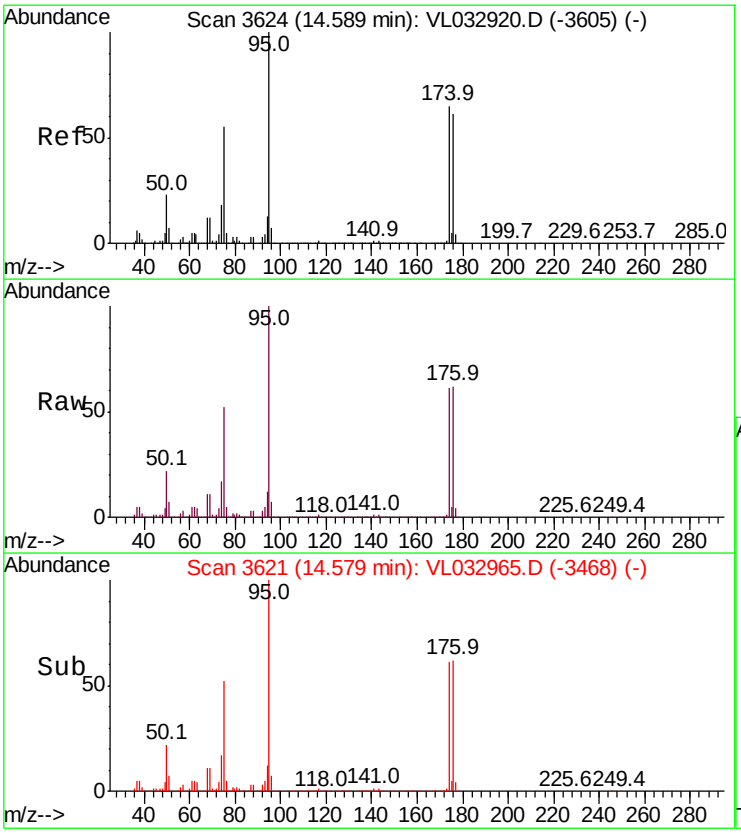
#62
Isopropylbenzene
Concen: 3.598 ppbv
RT: 14.83 min Scan# 3699
Delta R.T. -0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 1718099

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.3	30.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.617 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032965.D
Acq: 11 Dec 2018 21:58

Tgt Ion: 95 Resp: 2748895

Ion	Ratio	Lower	Upper
95	100		
174	66.2	51.4	77.0
175	5.0	3.8	5.6