Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120418\

Quantitation Report (Not Reviewed)

Data File : VL032891.D
Acq On : 5 Dec 2018 00:39
Operator : SY/AP
Sample : J6176-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Quant Time: Dec 05 05:51:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1481182	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	3656934	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	3681108	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2623053	9.53	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.01	51	51014	0.434	ppbv		97
4) Chloromethane	3.17	50	2854	0.044	ppbv	#	67
9) Propene	3.04	41	680464	14.480	ppbv		94
10) Heptane	8.25	43	33494	0.187	ppbv		97
13) Ethanol	3.66	45	64998	4.223	ppbv		94
15) Acetone	3.91	43	446390	3.300	ppbv		95
16) 1,3-Butadiene	3.35	39	375821	7.174	ppbv	#	29
17) tert-Butyl alcohol	4.38	59	9444	0.223	ppbv	#	73
19) Isopropyl Alcohol	4.05	45	12339	0.137	ppbv	#	1
20) Methylene Chloride	4.41	84	48081	0.687	ppbv	#	88
21) Allyl Chloride	4.47	41	12377	0.109	ppbv	#	1
23) Vinyl Acetate	5.15	43	45040	0.183	ppbv	#	38
25) Ethyl Acetate	5.78	43	146475	0.465	ppbv	#	79
26) Hexane	5.79	57	206132	1.469	ppbv	#	43
27) Carbon Disulfide	4.63	76	92707	0.521	ppbv	#	89
29) Chloroform	5.85	83	19512	0.078	ppbv		91
30) Cyclohexane	7.25	84	17880	0.146	ppbv	#	53
34) 2-Butanone	5.34	43	271698	1.432	ppbv		99
36) Benzene	7.01	78	326803	1.122	ppbv		97
39) 1,2-Dichloropropane	7.29	63	851369	7.673	ppbv	#	23
41) Tetrahydrofuran	6.17	42	134687	1.238	ppbv		98
44) 2,2,4-Trimethylpentane	7.99	57	148032	0.304	ppbv	#	75
53) Toluene	9.95	91	311330	1.025	ppbv		100
58) Ethyl Benzene	12.87	91	39599	0.089	ppbv		95

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

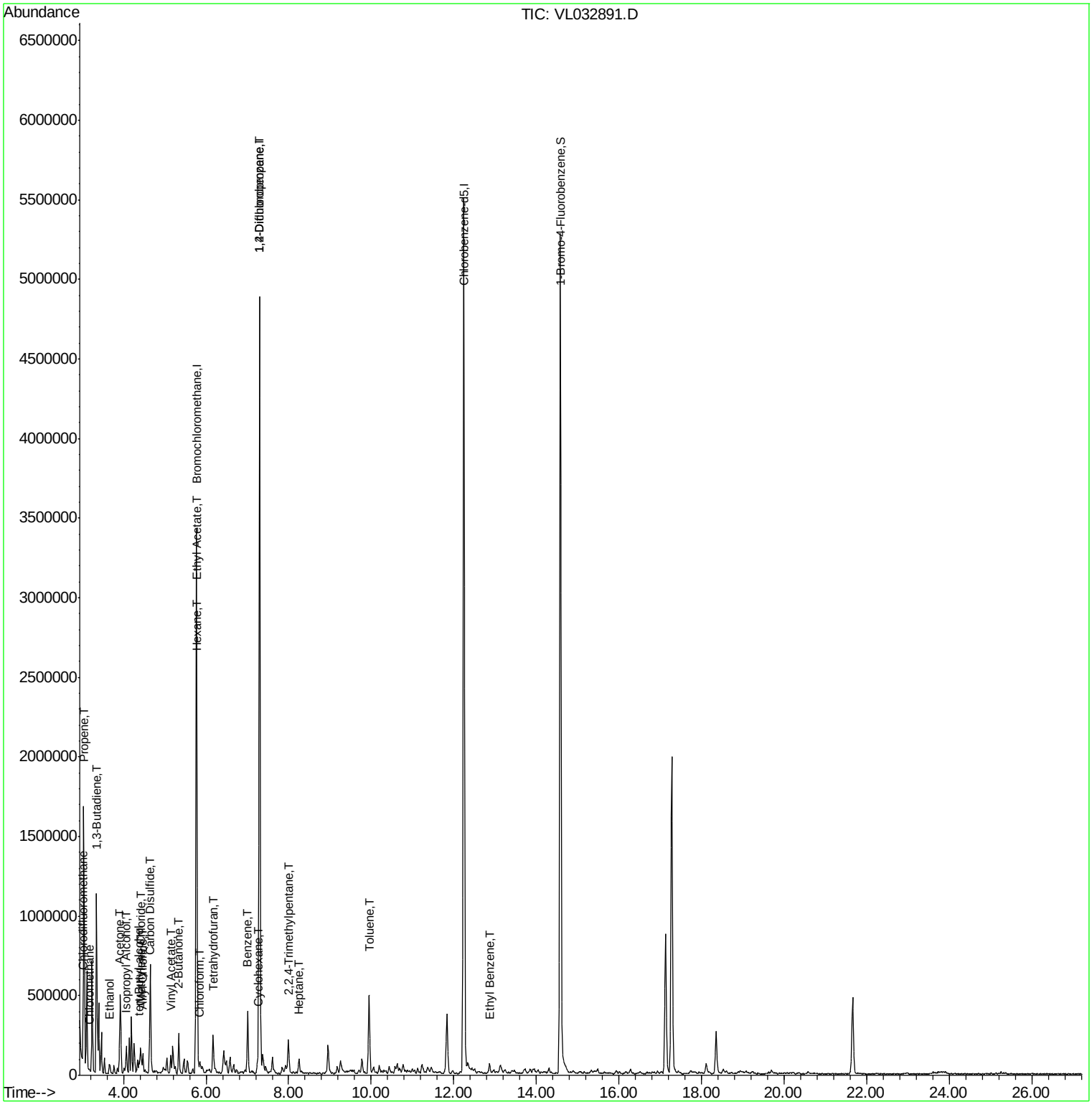
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120418\

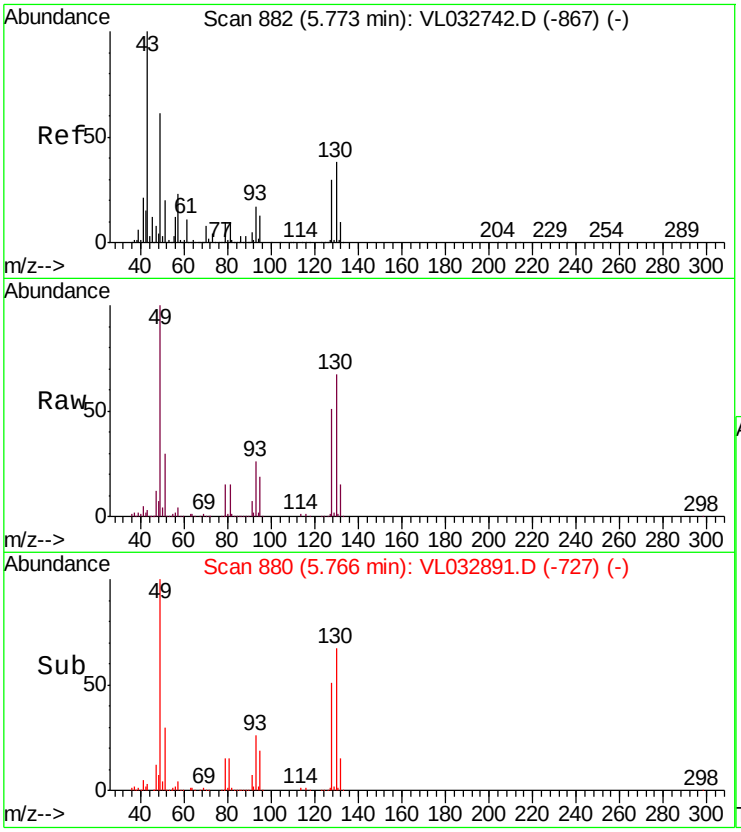
Quantitation Report (Not Reviewed)

Data File : VL032891.D
Acq On : 5 Dec 2018 00:39
Operator : SY/AP
Sample : J6176-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Quant Time: Dec 05 05:51:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration



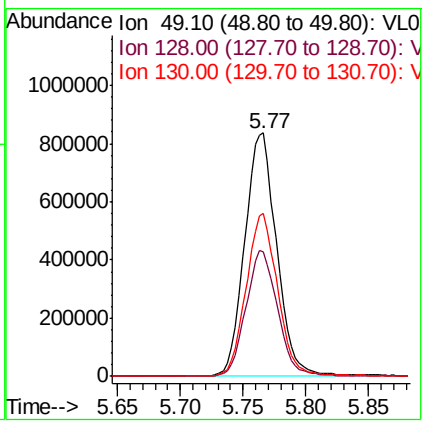


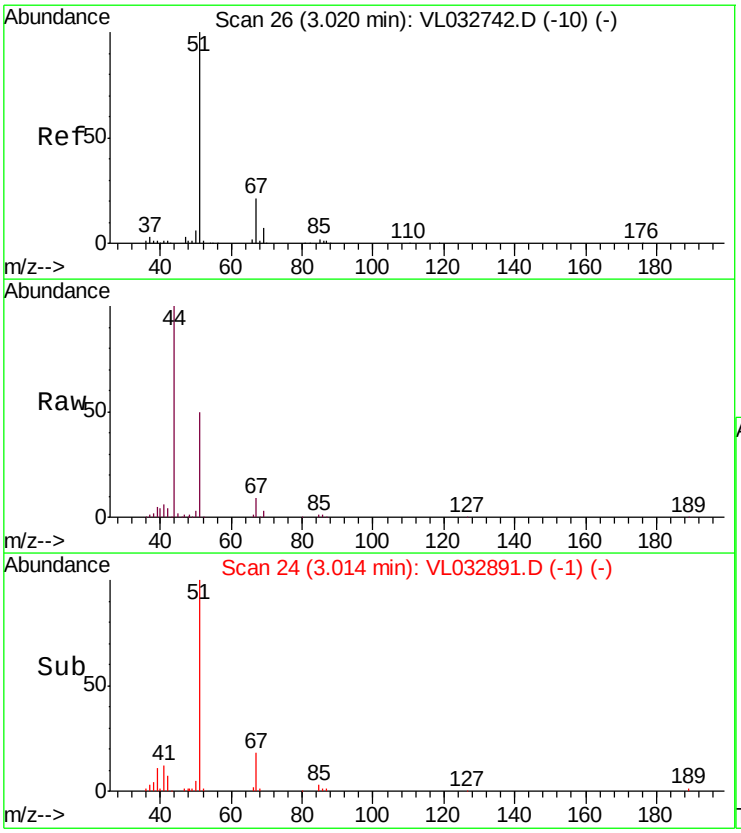
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument :
MSVOA_L
ClientSampleId :
MMSV-07DL

Tgt Ion: 49 Resp: 1481182

Ion	Ratio	Lower	Upper
49	100		
128	51.1	24.9	74.6
130	66.9	31.4	94.2

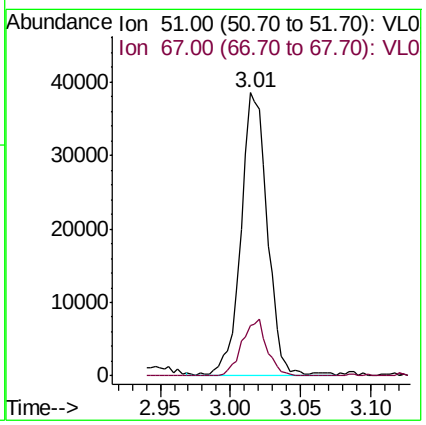


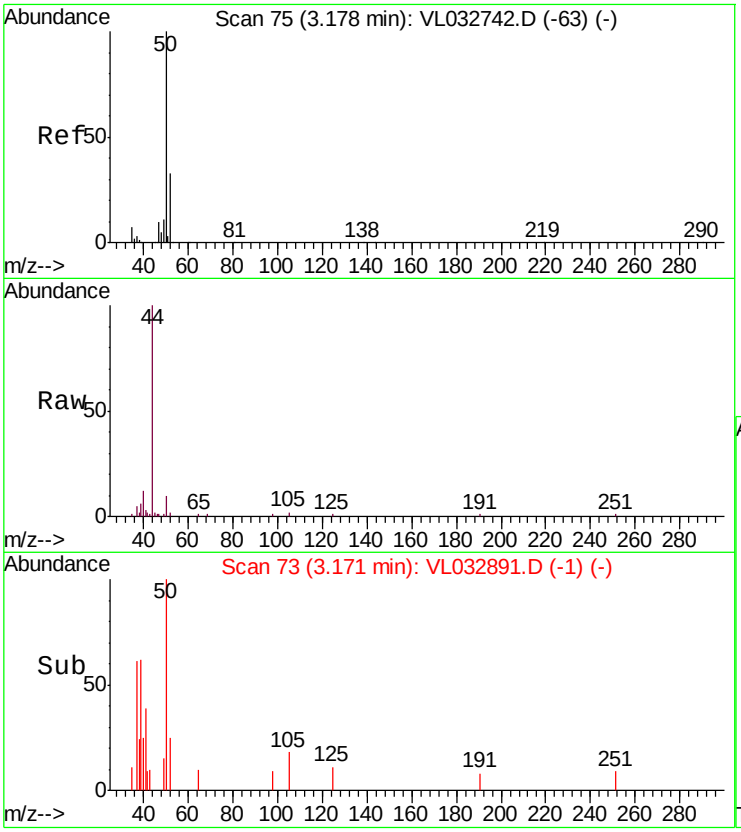


#3
Chlorodifluoromethane
Concen: 0.434 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 51 Resp: 51014

Ion	Ratio	Lower	Upper
51	100		
67	18.8	16.1	24.1



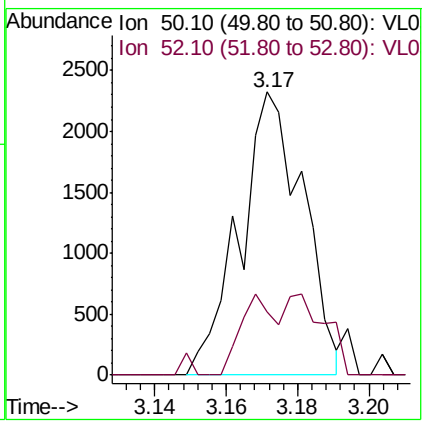


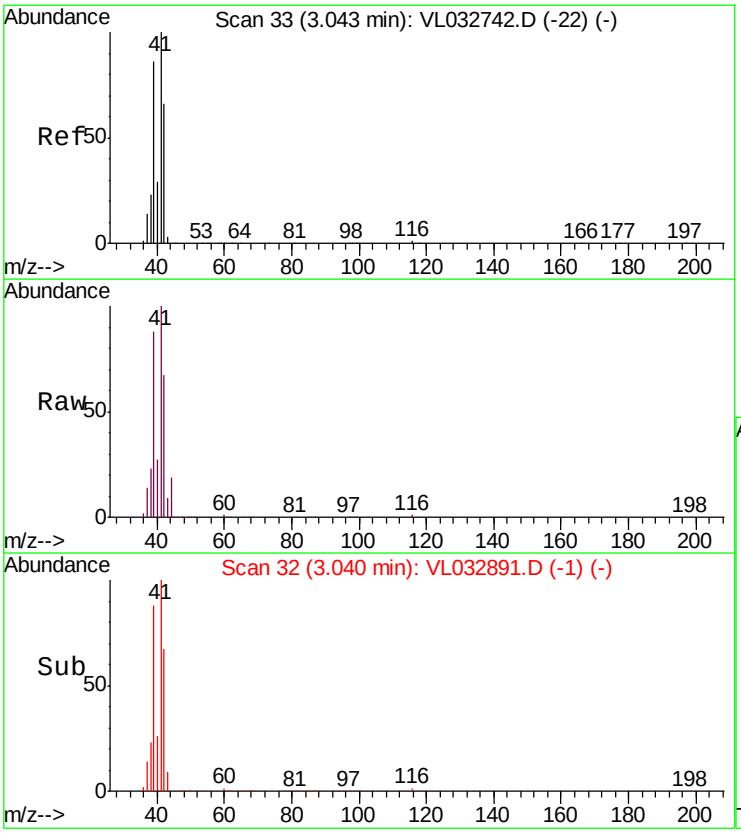
#4
Chloromethane
Concen: 0.044 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Tgt Ion: 50 Resp: 2854

Ion	Ratio	Lower	Upper
50	100		
52	14.4	26.6	40.0#

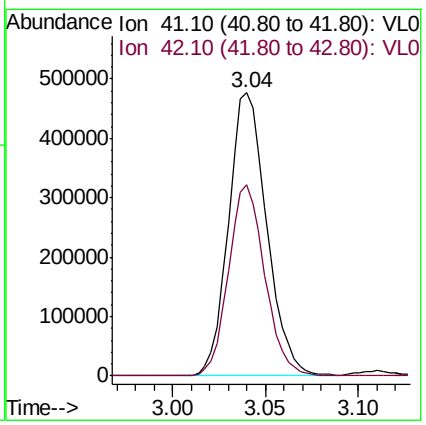


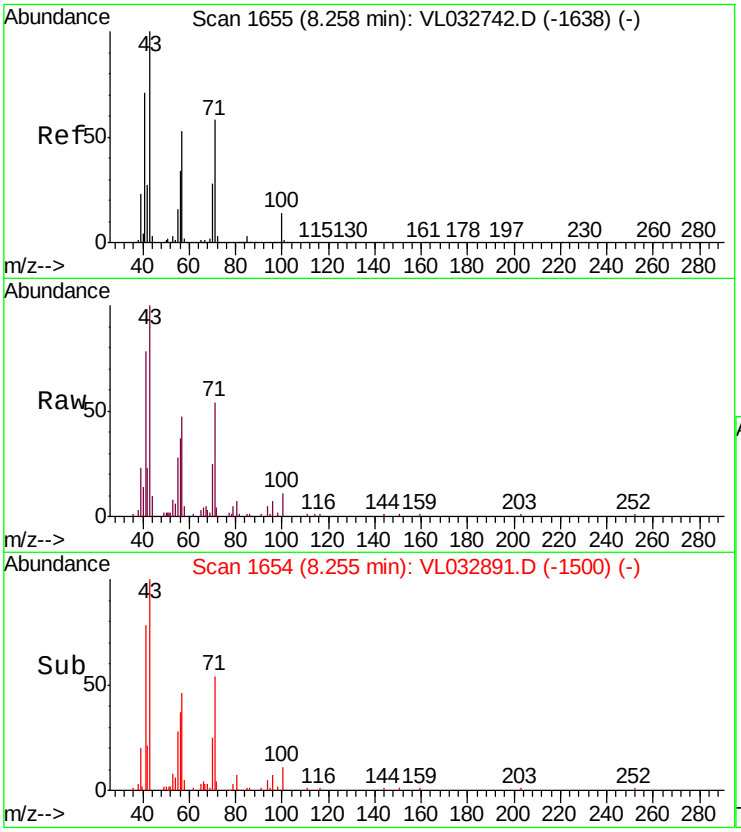


#9
Propene
Concen: 14.480 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 41 Resp: 680464

Ion	Ratio	Lower	Upper
41	100		
42	64.3	55.0	82.6



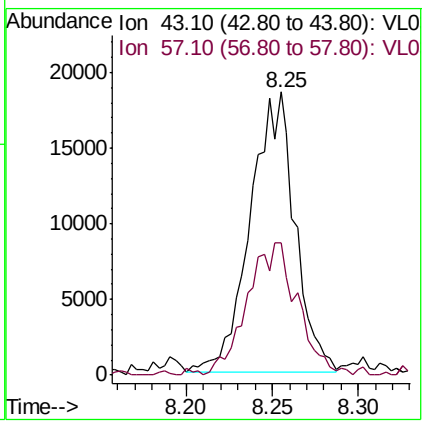


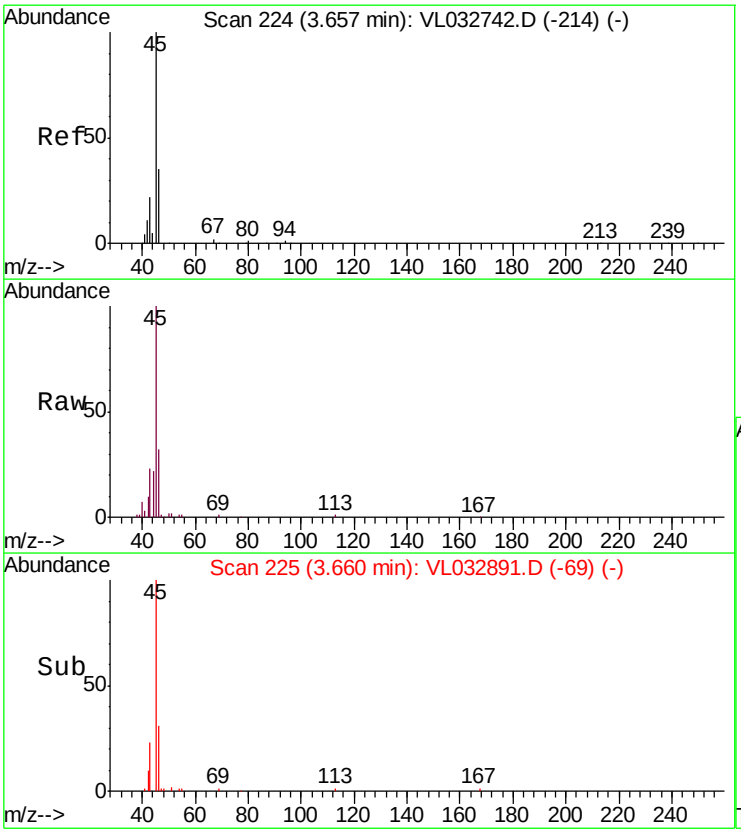
#10
Heptane
Concen: 0.187 ppbv
RT: 8.25 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument :
MSVOA_L
ClientSampleId :
MMSV-07DL

Tgt Ion: 43 Resp: 33494

Ion	Ratio	Lower	Upper
43	100		
57	54.1	41.8	62.8

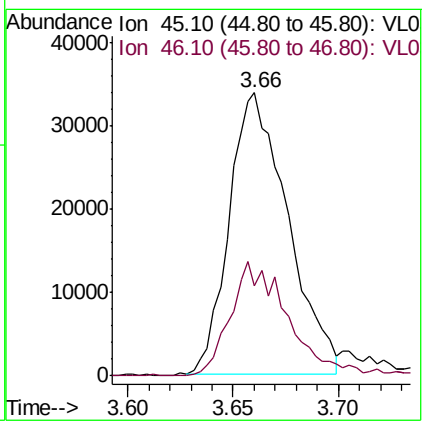


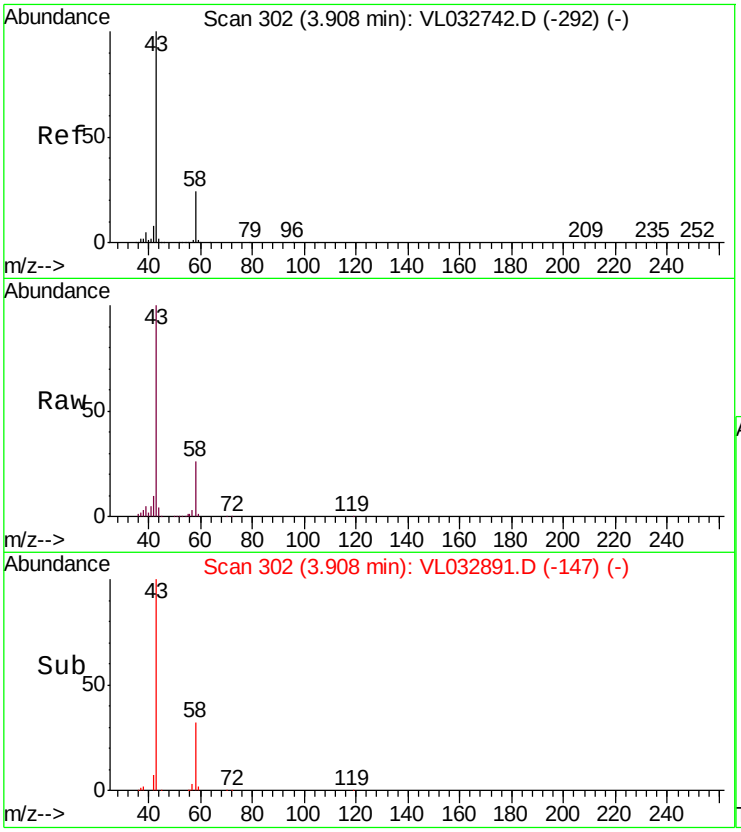


#13
Ethanol
Concen: 4.223 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 45 Resp: 64998

Ion	Ratio	Lower	Upper
45	100		
46	39.9	14.5	57.9



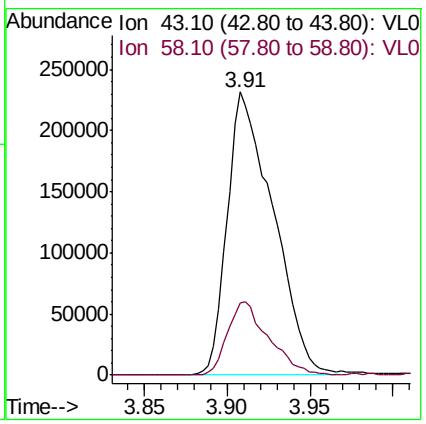


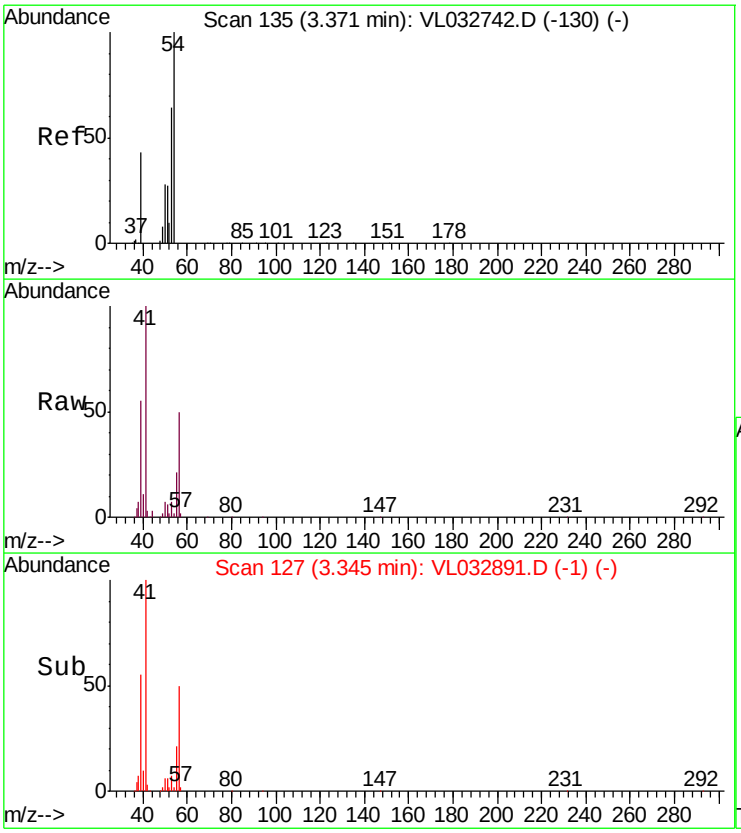
#15
Acetone
Concen: 3.300 ppbv
RT: 3.91 min Scan# 302
Delta R.T. -0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Tgt Ion: 43 Resp: 446390

Ion	Ratio	Lower	Upper
43	100		
58	23.6	21.1	31.7

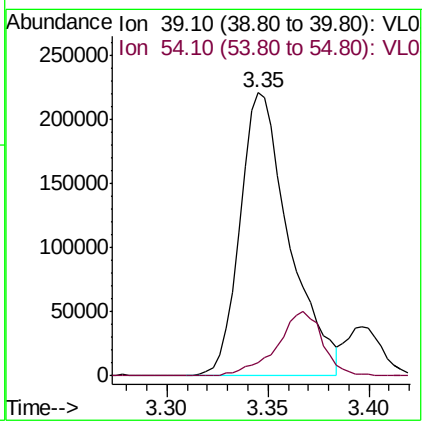


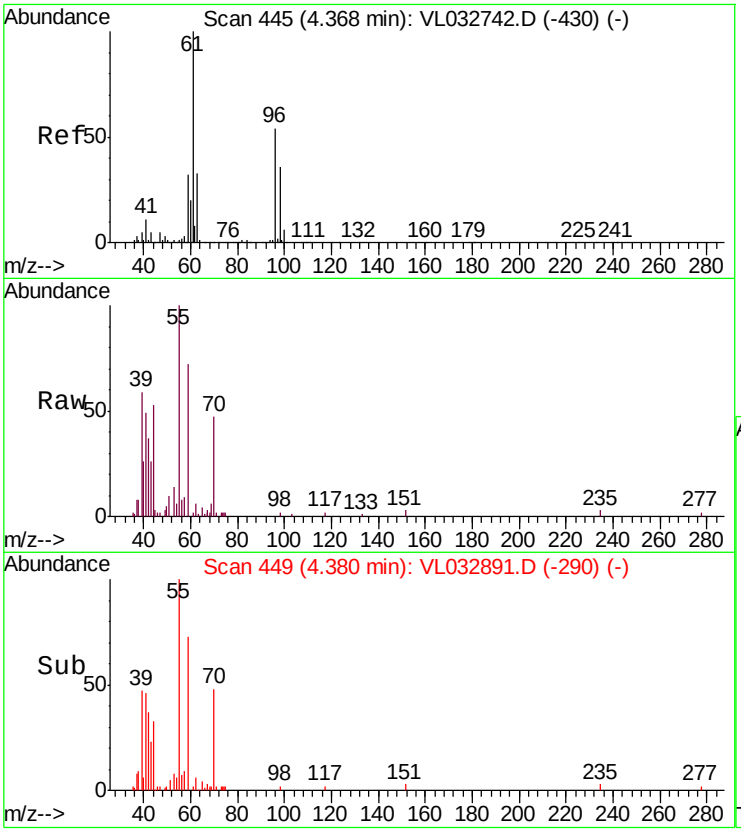


#16
1,3-Butadiene
Concen: 7.174 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.03 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 39 Resp: 375821

Ion	Ratio	Lower	Upper
39	100		
54	20.9	68.9	103.3#



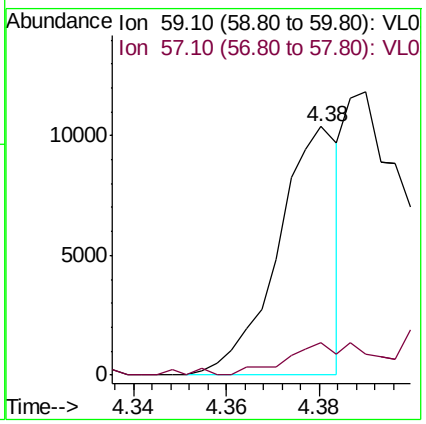


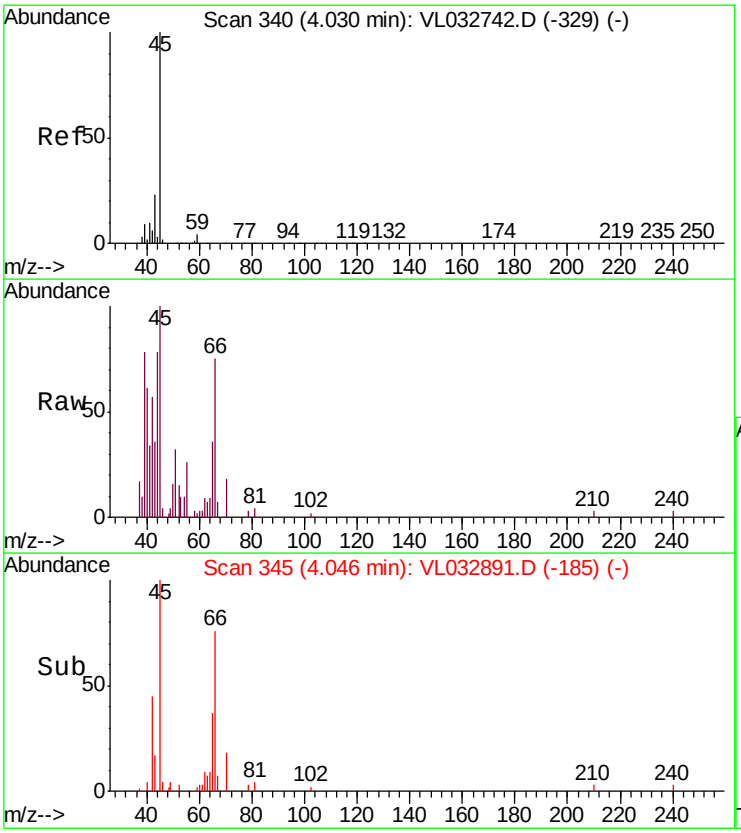
#17
tert-Butyl alcohol
Concen: 0.223 ppbv
RT: 4.38 min Scan# 449
Delta R.T. 0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Tgt Ion: 59 Resp: 9444

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

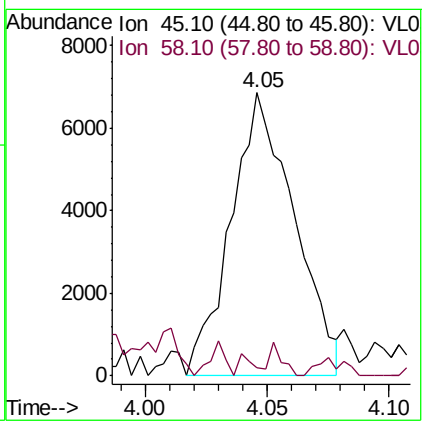


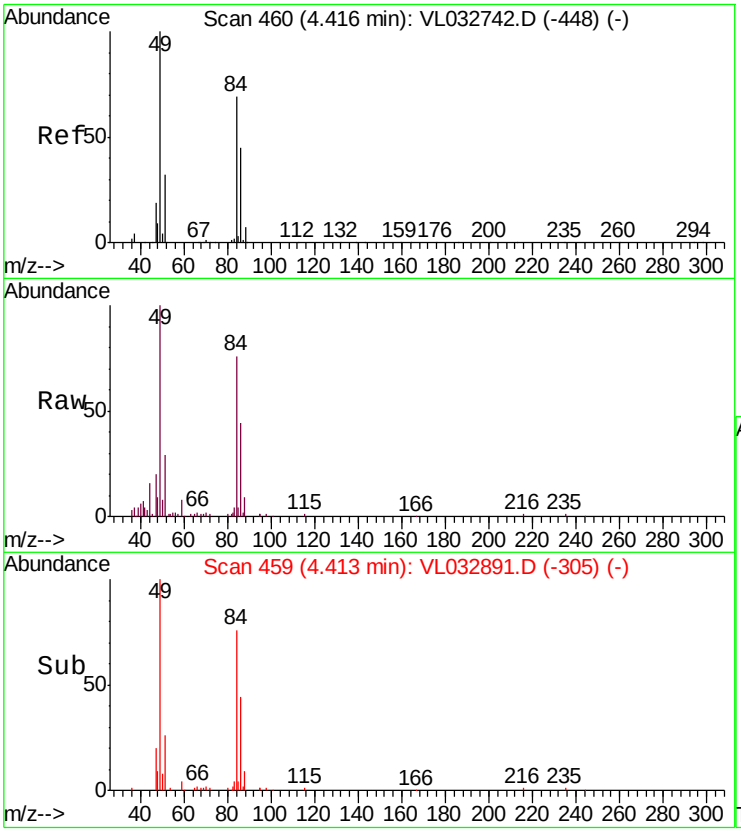


#19
Isopropyl Alcohol
Concen: 0.137 ppbv
RT: 4.05 min Scan# 345
Delta R.T. 0.02 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 45 Resp: 12339

Ion	Ratio	Lower	Upper
45	100		
58	871.1	1.4	2.0#



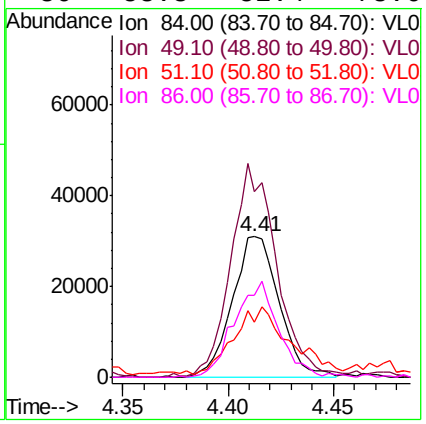


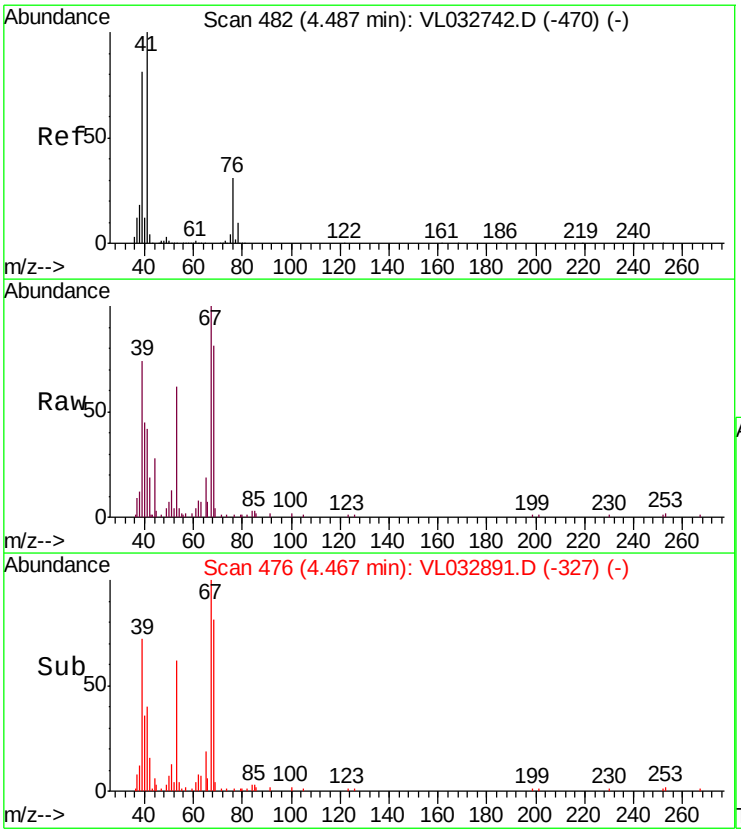
#20
Methylene Chloride
Concen: 0.687 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument :
MSVOA_L
ClientSampleId :
MMSV-07DL

Tgt Ion: 84 Resp: 48081

Ion	Ratio	Lower	Upper
84	100		
49	131.1	115.8	173.6
51	34.3	36.9	55.3#
86	58.3	52.4	78.6

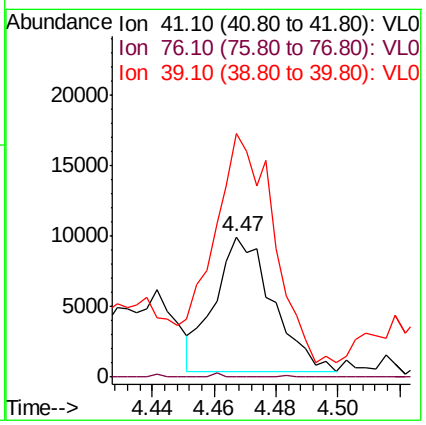


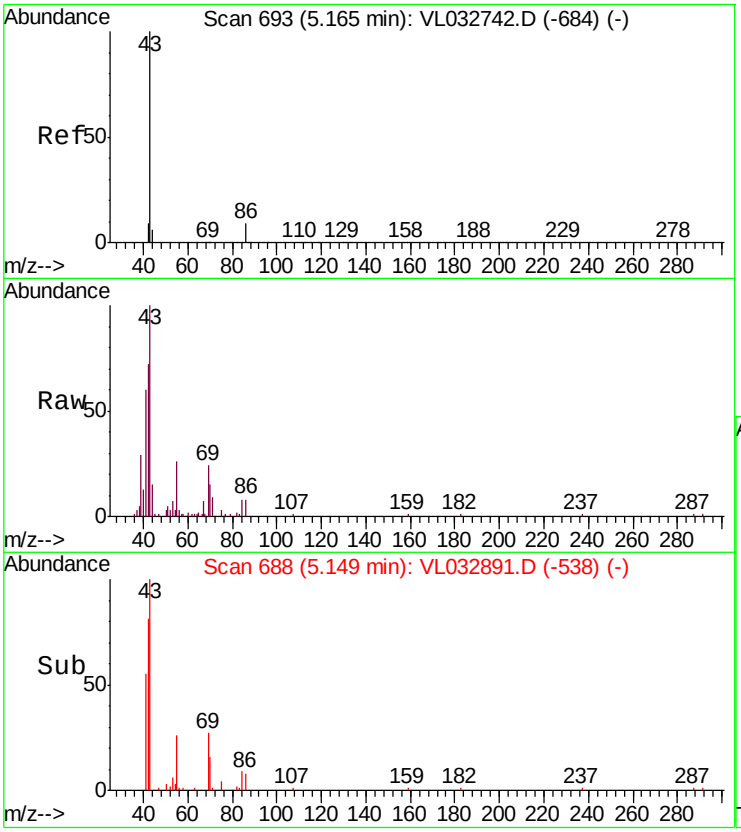


#21
Allyl Chloride
Concen: 0.109 ppbv
RT: 4.47 min Scan# 476
Delta R.T. -0.02 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 41 Resp: 12377

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.4	36.6#
39	237.4	63.5	95.3#



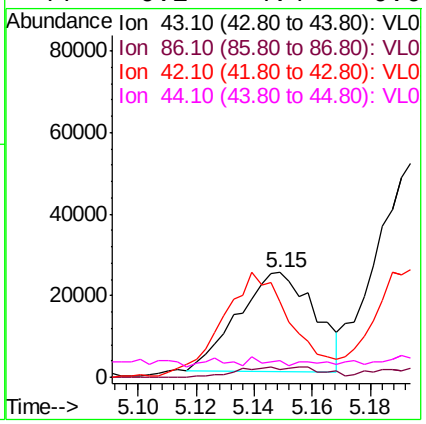


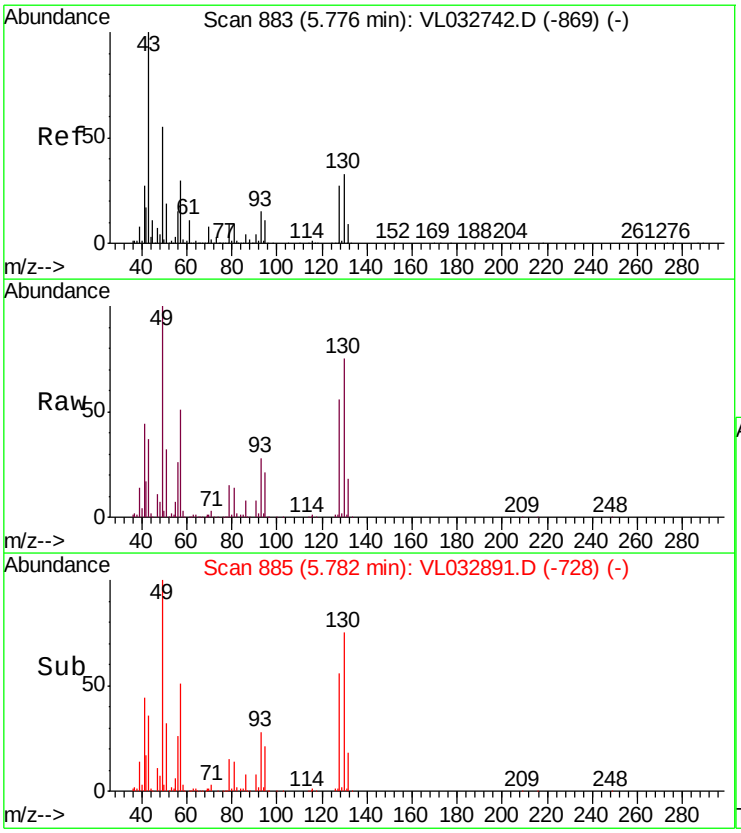
#23
Vinyl Acetate
Concen: 0.183 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.02 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Tgt Ion: 43 Resp: 45040

Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.2	9.4
42	62.9	7.8	11.6#
44	6.2	4.4	6.6

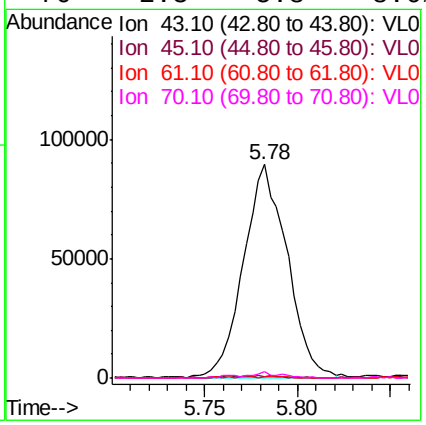


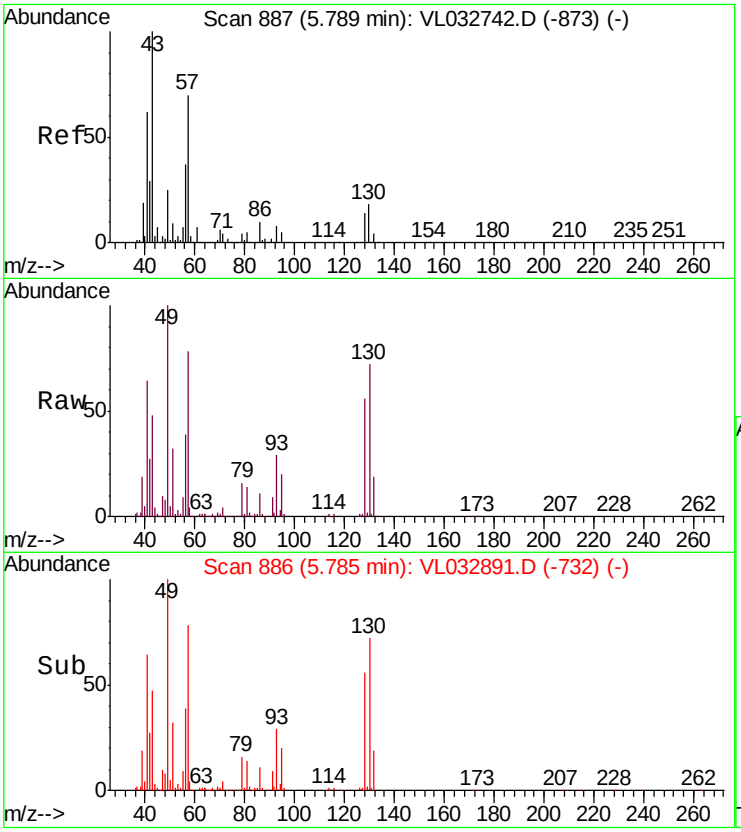


#25
Ethyl Acetate
Concen: 0.465 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 43 Resp: 146475

Ion	Ratio	Lower	Upper
43	100		
45	1.5	7.9	11.9#
61	0.8	7.8	11.6#
70	2.3	5.8	8.6#



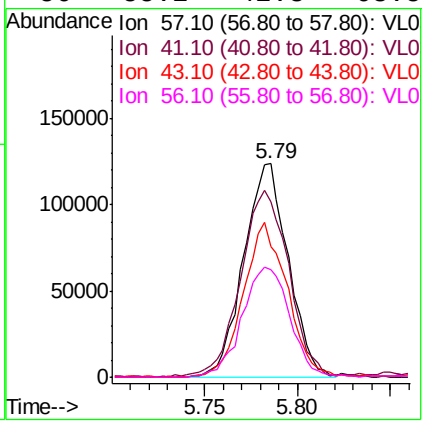


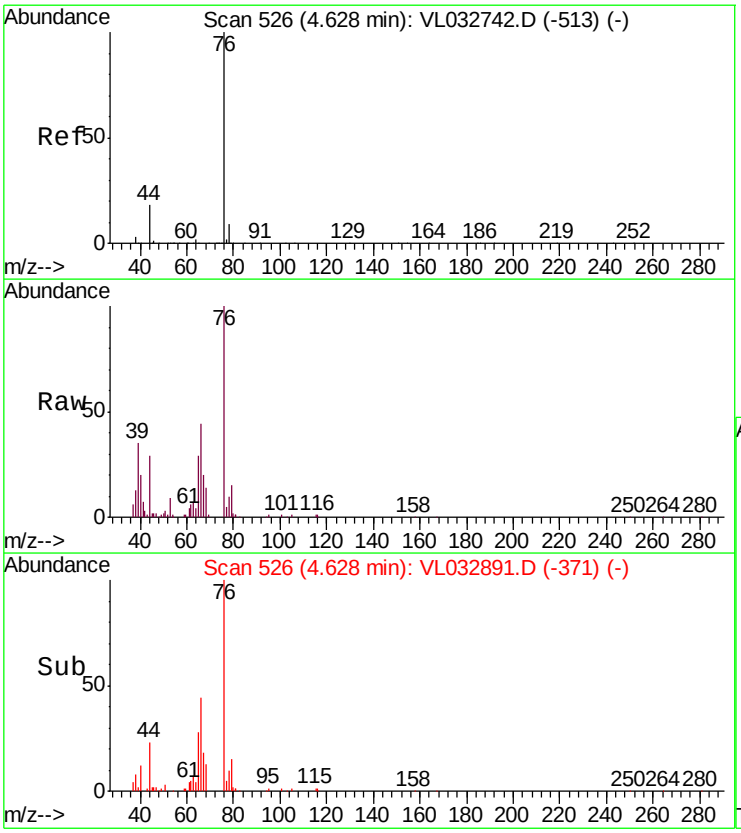
#26
Hexane
Concen: 1.469 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Tgt Ion: 57 Resp: 206132

Ion	Ratio	Lower	Upper
57	100		
41	93.8	70.3	105.5
43	72.5	174.0	261.0#
56	55.2	42.3	63.5

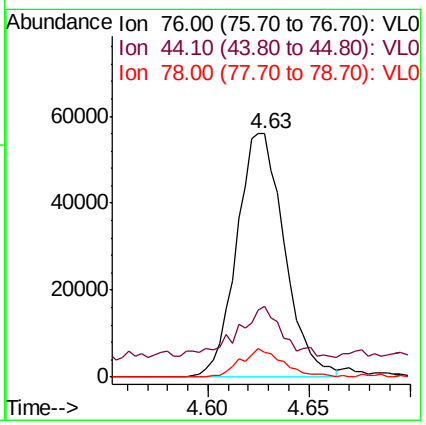


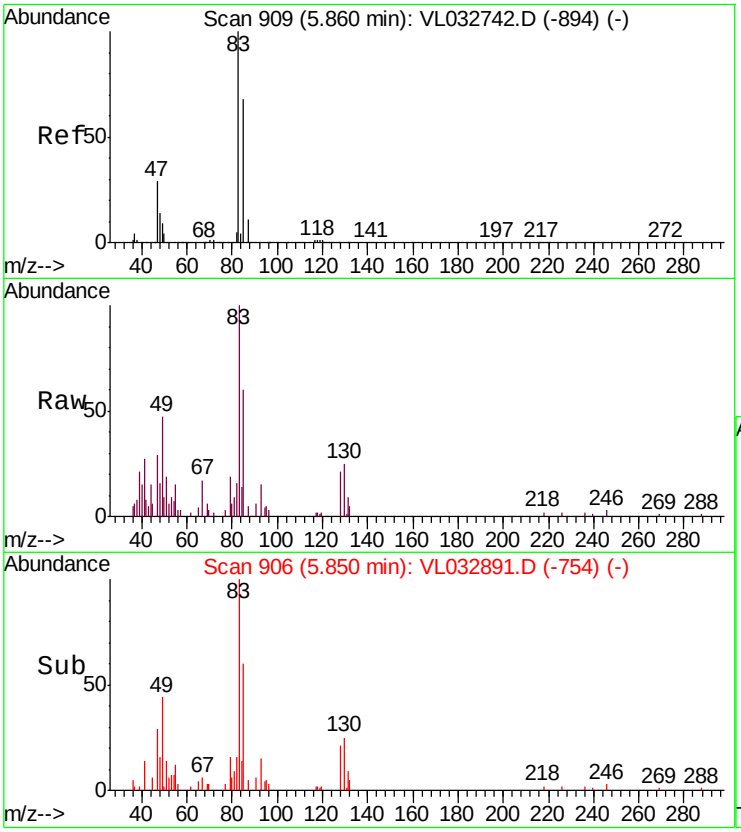


#27
Carbon Disulfide
Concen: 0.521 ppbv
RT: 4.63 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 76 Resp: 92707

Ion	Ratio	Lower	Upper
76	100		
44	24.7	14.4	21.6#
78	10.7	7.7	11.5



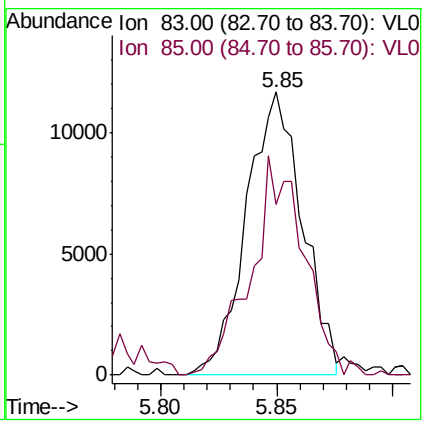


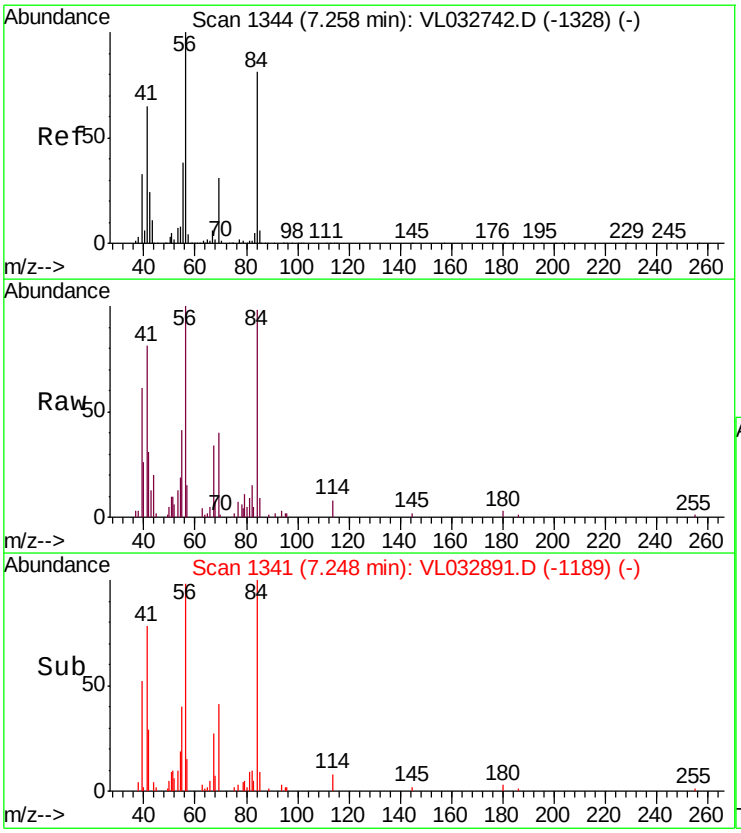
#29
Chloroform
Concen: 0.078 ppbv
RT: 5.85 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument :
MSVOA_L
ClientSampleId :
MMSV-07DL

Tgt Ion: 83 Resp: 19512

Ion	Ratio	Lower	Upper
83	100		
85	60.2	54.2	81.4

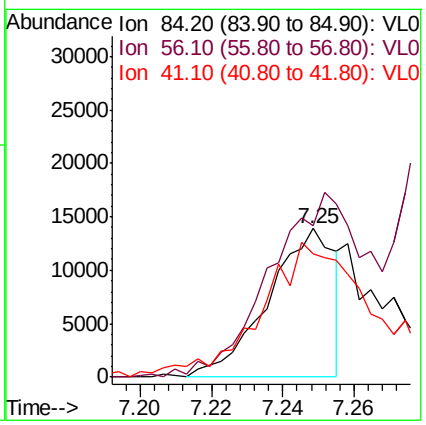


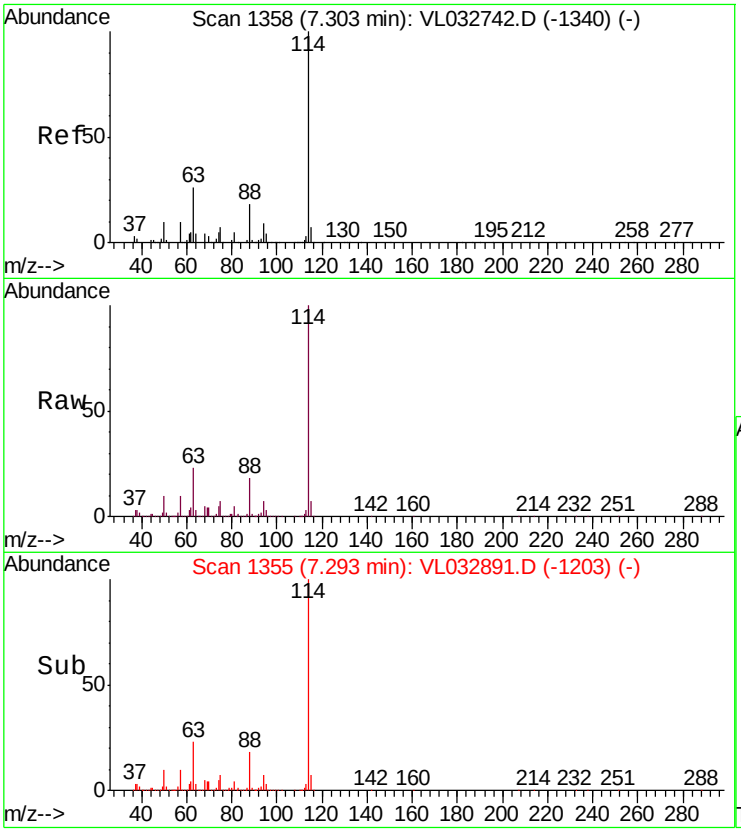


#30
Cyclohexane
Concen: 0.146 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 84 Resp: 17880

Ion	Ratio	Lower	Upper
84	100		
56	155.0	105.0	157.4
41	162.1	65.3	97.9#



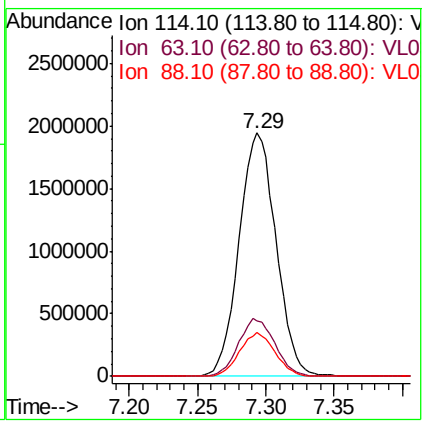


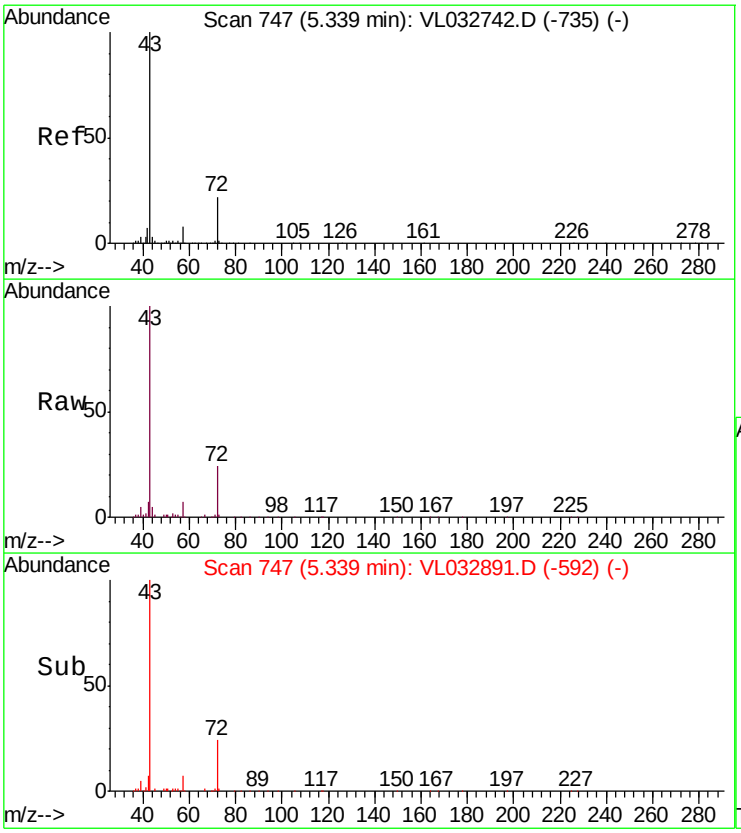
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument :
MSVOA_L
ClientSampleId :
MMSV-07DL

Tgt Ion:114 Resp: 3656934

Ion	Ratio	Lower	Upper
114	100		
63	23.5	20.9	31.3
88	17.4	14.4	21.6

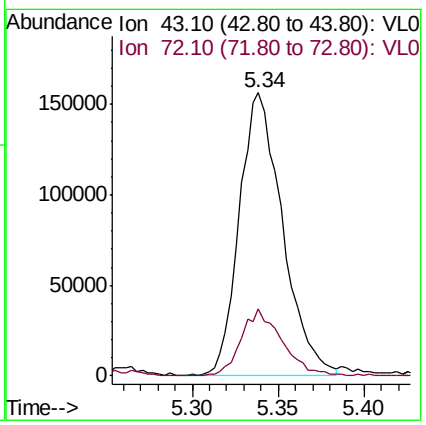


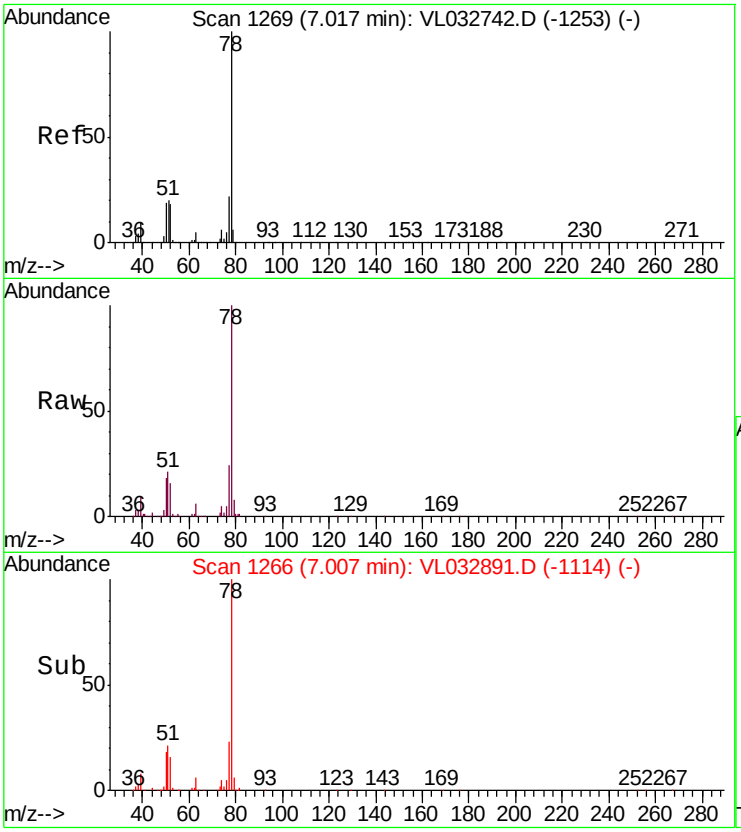


#34
2-Butanone
Concen: 1.432 ppbv
RT: 5.34 min Scan# 747
Delta R.T. -0.00 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 43 Resp: 271698

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.4	27.6



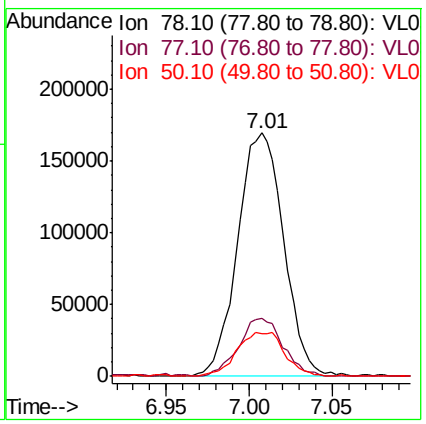


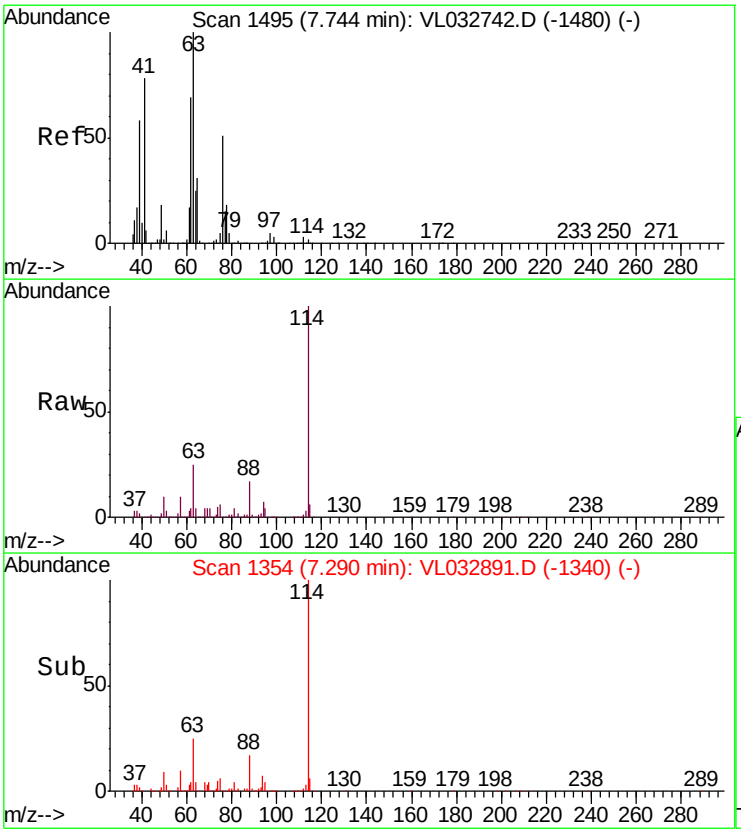
#36
Benzene
Concen: 1.122 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Tgt Ion: 78 Resp: 326803

Ion	Ratio	Lower	Upper
78	100		
77	23.2	17.8	26.8
50	17.5	15.4	23.0

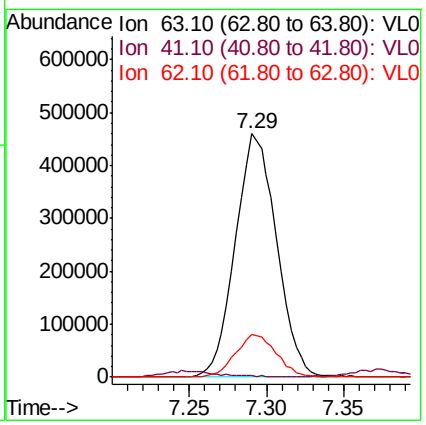


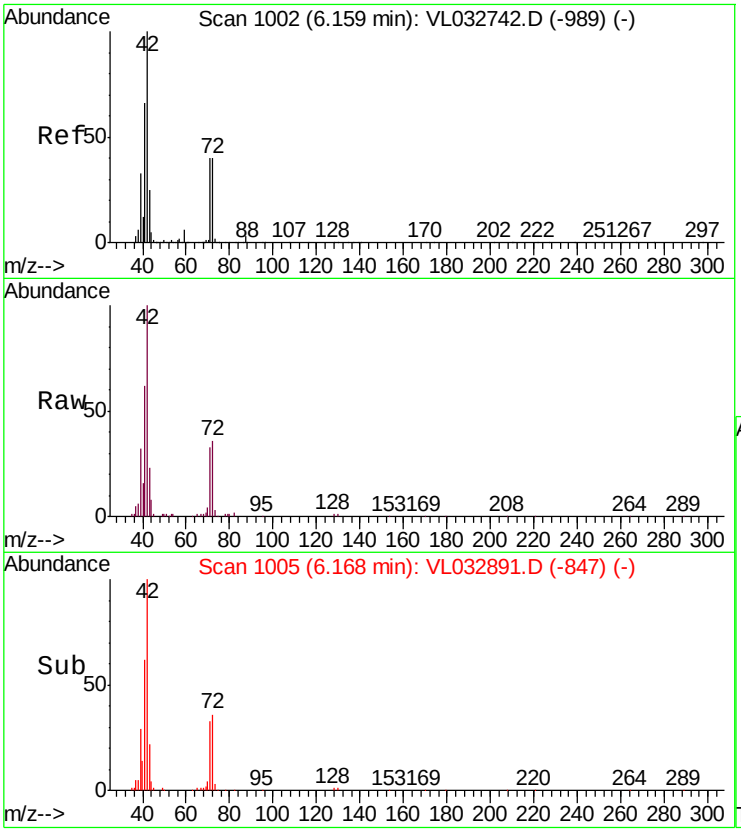


#39
1,2-Dichloropropane
Concen: 7.673 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 63 Resp: 851369

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.3	55.4	83.2#



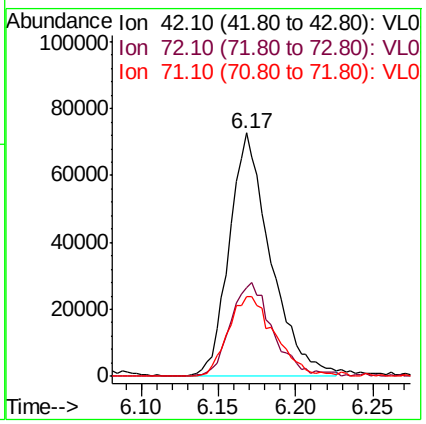


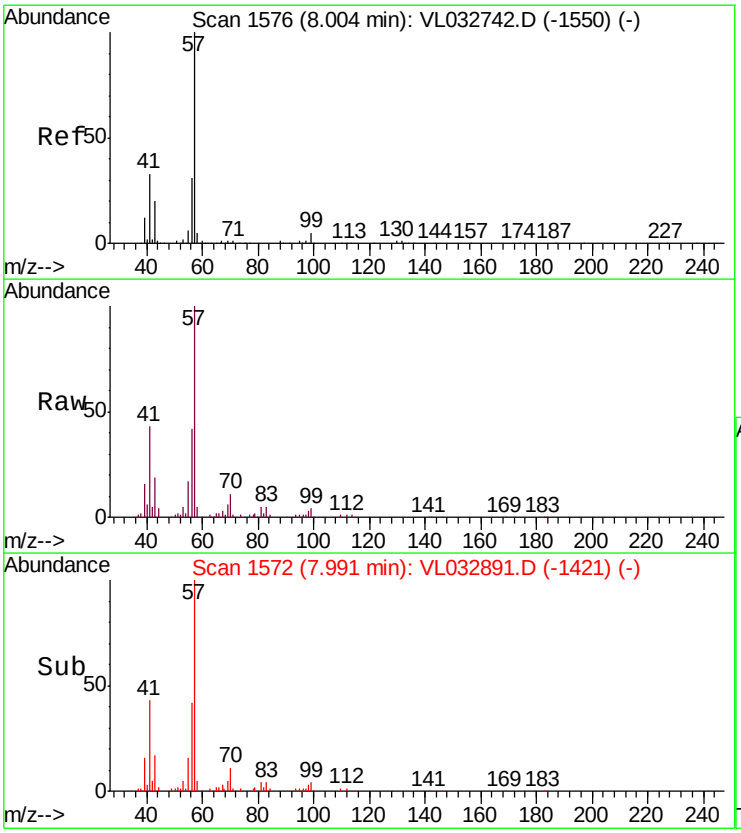
#41
Tetrahydrofuran
Concen: 1.238 ppbv
RT: 6.17 min Scan# 1005
Delta R.T. 0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument :
MSVOA_L
ClientSampleId :
MMSV-07DL

Tgt Ion: 42 Resp: 134687

Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.4	48.6
71	37.7	31.6	47.4

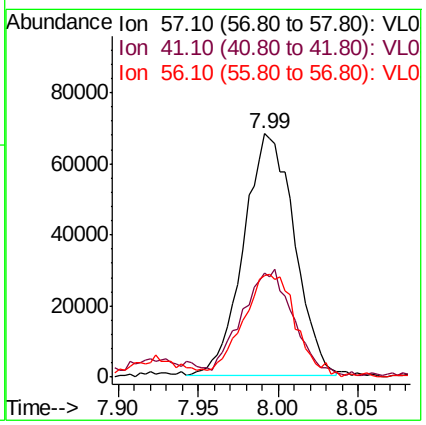


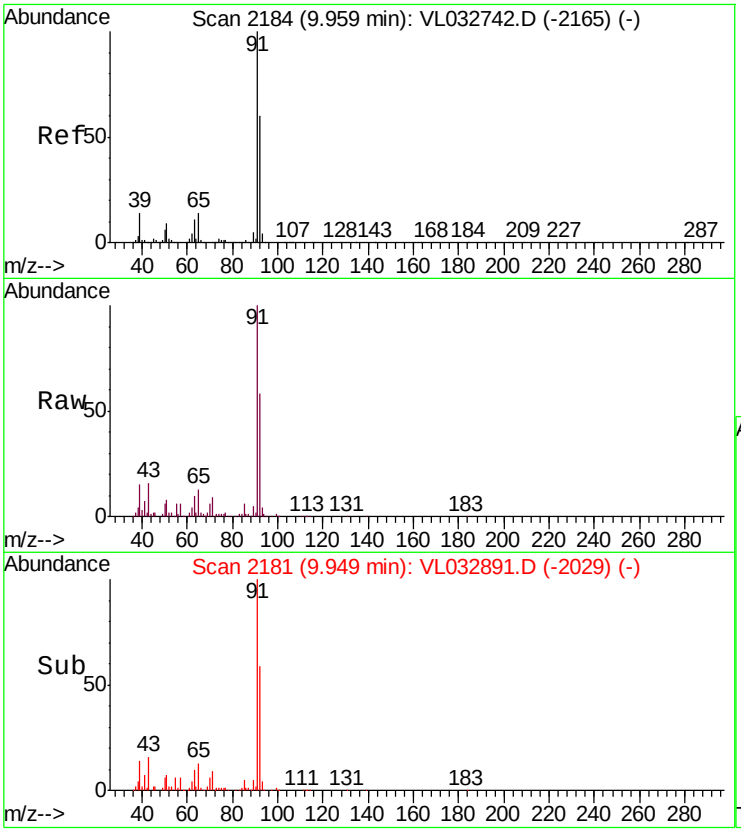


#44
2,2,4-Trimethylpentane
Concen: 0.304 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 57 Resp: 148032

Ion	Ratio	Lower	Upper
57	100		
41	46.5	26.6	39.8#
56	45.1	24.8	37.2#



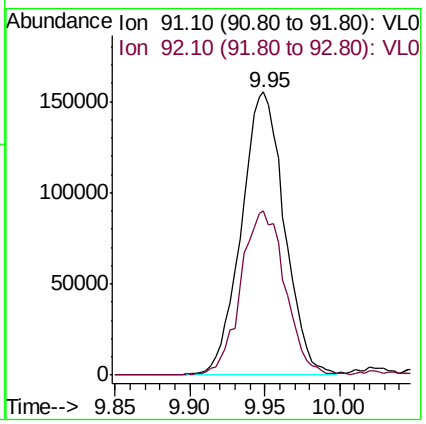


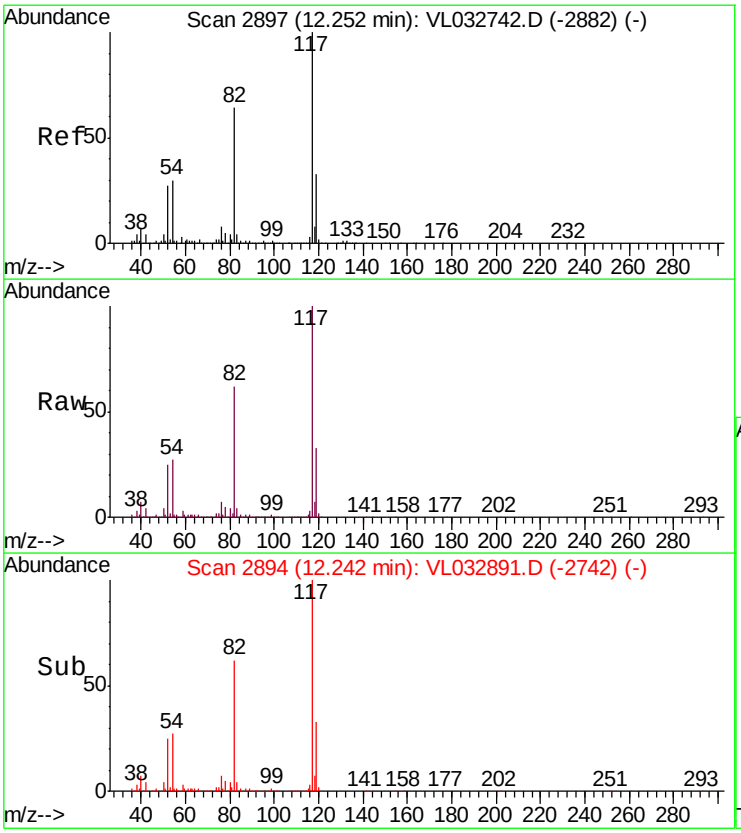
#53
Toluene
Concen: 1.025 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument : MSVOA_L
ClientSampleId : MMSV-07DL

Tgt Ion: 91 Resp: 311330

Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.9	71.9

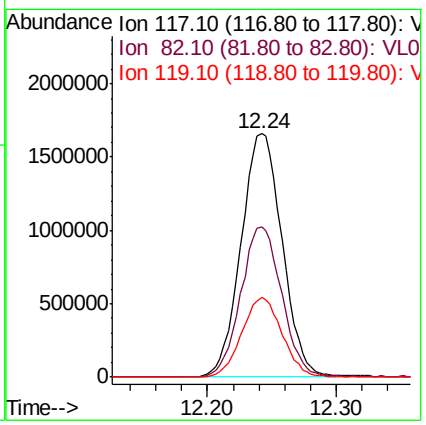


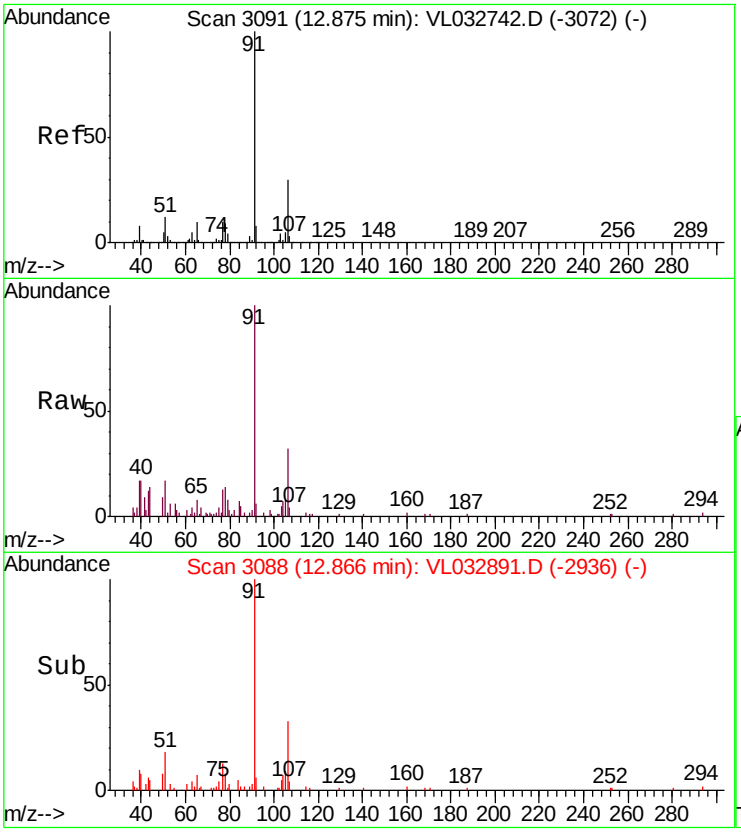


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion:117 Resp: 3681108

Ion	Ratio	Lower	Upper
117	100		
82	61.5	51.0	76.6
119	32.4	28.0	42.0



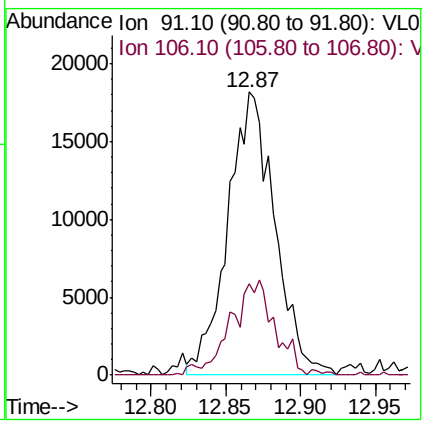


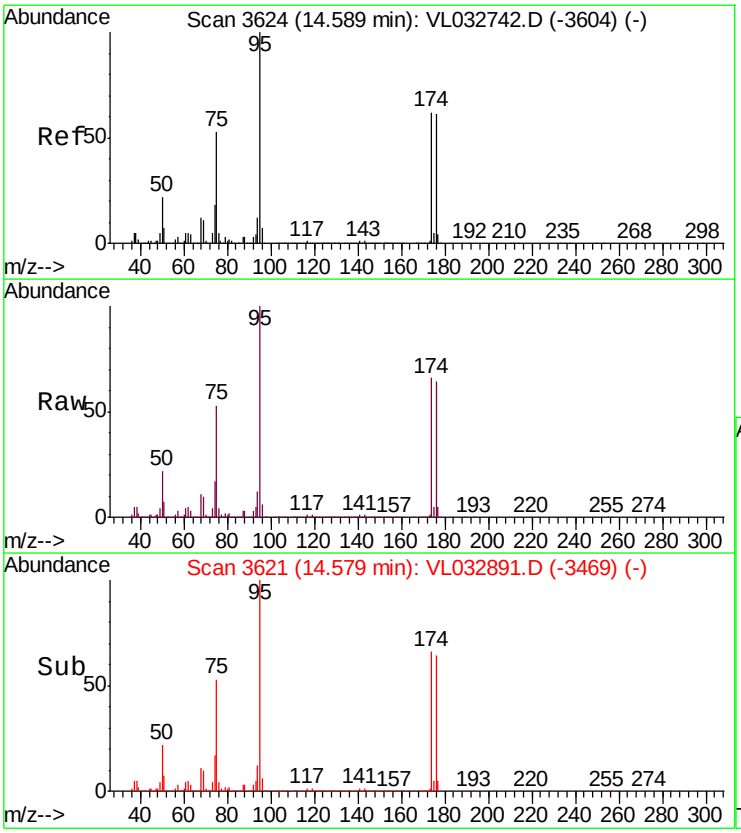
#58
Ethyl Benzene
Concen: 0.089 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Instrument :
MSVOA_L
ClientSampleId :
MMSV-07DL

Tgt Ion: 91 Resp: 39599

Ion	Ratio	Lower	Upper
91	100		
106	32.3	23.6	35.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.527 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032891.D
Acq: 5 Dec 2018 00:39

Tgt Ion: 95 Resp: 2623053

Ion	Ratio	Lower	Upper
95	100		
174	67.2	50.7	76.1
175	5.1	3.8	5.6