Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032449.D
Acq On : 31 Aug 2018 20:29
Operator : SY/AP
Sample : J4717-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VP-03

Quant Time: Sep 01 02:03:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.81	49	1500611	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.35	114	3188341	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.29	117	3102050	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.63	95	2376436	10.32	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	29447	0.153	ppbv		95
3) Chlorodifluoromethane	3.04	51	33500	0.247	ppbv		96
4) Chloromethane	3.20	50	41497	0.505	ppbv		100
5) Vinyl Chloride	3.32	62	3462	0.043	ppbv		96
7) Chloroethane	3.64	64	2189	0.078	ppbv	#	85
9) Propene	3.06	41	6096686	111.265	ppbv		97
10) Heptane	8.30	43	707848	3.601	ppbv		100
11) Trichlorofluoromethane	4.04	101	96376	0.557	ppbv		99
13) Ethanol	3.69	45	943170	55.220	ppbv		99
15) Acetone	3.94	43	19208233	142.143	ppbv	#	70
16) 1,3-Butadiene	3.37	39	4703874	73.974	ppbv	#	15
17) tert-Butyl alcohol	4.40	59	1449970	69.724	ppbv	#	100
19) Isopropyl Alcohol	4.07	45	276737	3.122	ppbv	#	93
20) Methylene Chloride	4.46	84	569339	11.049	ppbv		96
21) Allyl Chloride	4.50	41	124857	1.391	ppbv	#	1
23) Vinyl Acetate	5.20	43	561456	2.507	ppbv	#	76
25) Ethyl Acetate	5.83	43	1246404	3.906	ppbv	#	80
26) Hexane	5.83	57	1616404	11.312	ppbv	#	41
27) Carbon Disulfide	4.66	76	563355	4.271	ppbv		99
29) Chloroform	5.90	83	116761	0.536	ppbv		89
30) Cyclohexane	7.30	84	106546	1.018	ppbv		87
34) 2-Butanone	5.37	43	4732180	22.345	ppbv		100
36) Benzene	7.06	78	1014201	3.738	ppbv		98
39) 1,2-Dichloropropane	7.35	63	817016	7.038	ppbv	#	25
41) Tetrahydrofuran	6.20	42	122405	1.062	ppbv		91
42) Bromodichloromethane	7.97	83	17357	0.076	ppbv	#	24
43) Methyl Methacrylate	8.19	69	31439	0.273	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.04	57	899704	1.715	ppbv	#	77
50) 4-Methyl-2-Pentanone	8.92	43	663742	2.081	ppbv		99
51) 2-Hexanone	10.32	43	1647181	8.016	ppbv	#	97
52) Tetrachloroethene	11.43	164	208875	2.483	ppbv		95
53) Toluene	10.00	91	4814273	16.975	ppbv		99
58) Ethyl Benzene	12.92	91	1708084	4.601	ppbv		99
59) m/p-Xylene	13.18	91	4824313	14.577	ppbv		97
60) o-Xylene	13.91	91	1524871	4.691	ppbv		97
61) Styrene	13.74	104	122186	0.581	ppbv		94
62) Isopropylbenzene	14.88	105	137130	0.300	ppbv		93
63) 1,1,2,2-Tetrachloroethane	13.89	83	114483	0.394	ppbv	#	25
64) n-propylbenzene	15.77	120	177638	1.487	ppbv		88
65) tert-Butylbenzene	17.00	119	104628	0.266	ppbv	#	18
67) sec-Butylbenzene	17.53	105	25669	0.043	ppbv	#	68

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032449.D
Acq On : 31 Aug 2018 20:29
Operator : SY/AP
Sample : J4717-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VP-03

Quant Time: Sep 01 02:03:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) p-Isopropyltoluene	17.86	119	15334	0.033	ppbv	#	47
71) 2-Chlorotoluene	15.53	91	62390	0.179	ppbv		73
72) 4-Ethyltoluene	16.06	105	999655	2.816	ppbv		99
73) 1,3,5-Trimethylbenzene	16.22	105	546936	1.538	ppbv		92
74) 1,2,4-Trimethylbenzene	17.00	105	1808730	4.653	ppbv	#	68
79) Naphthalene	22.49	128	151992	0.481	ppbv		99

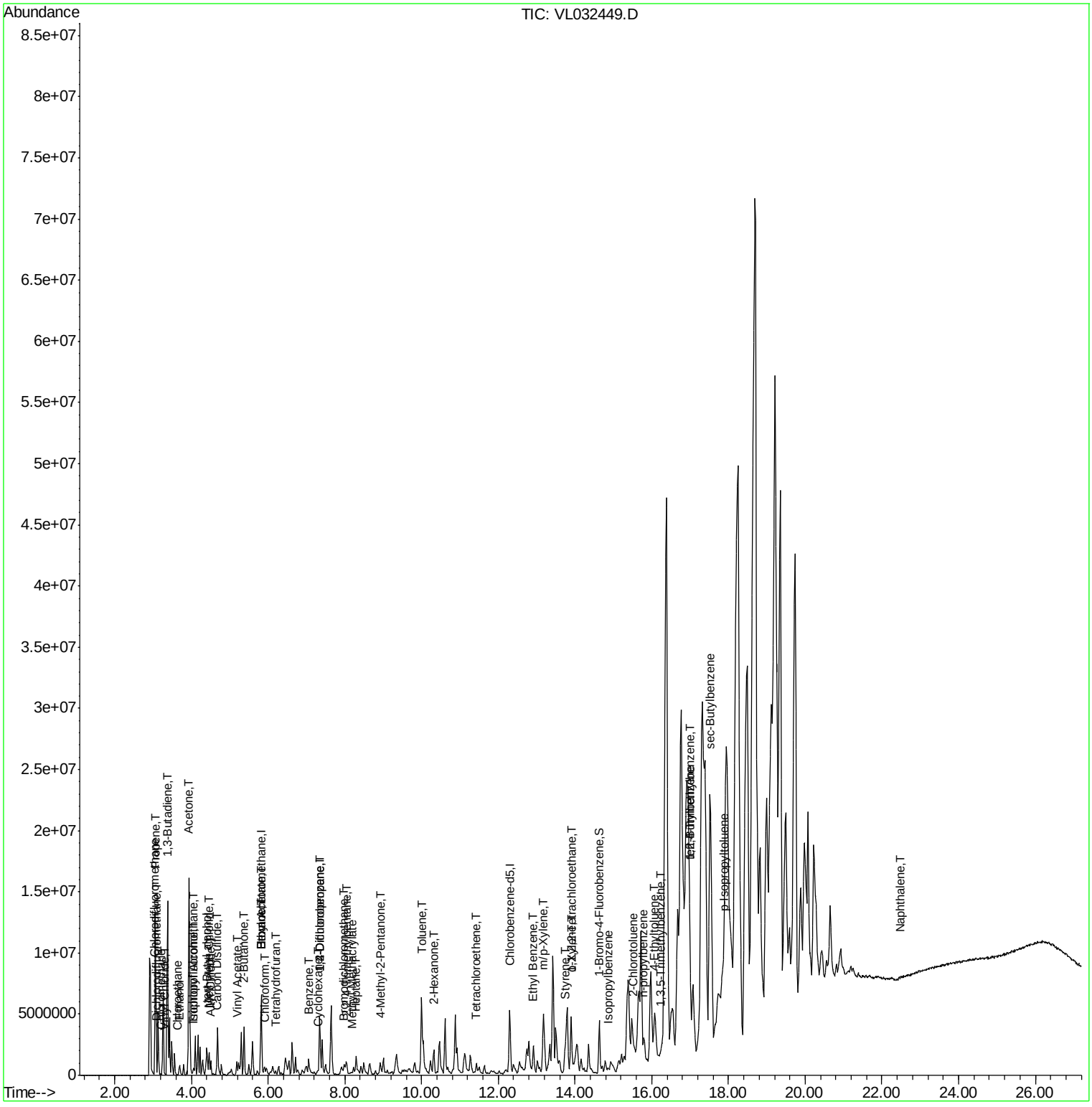
(#) = qualifier out of range (m) = manual integration (+) = signals summed

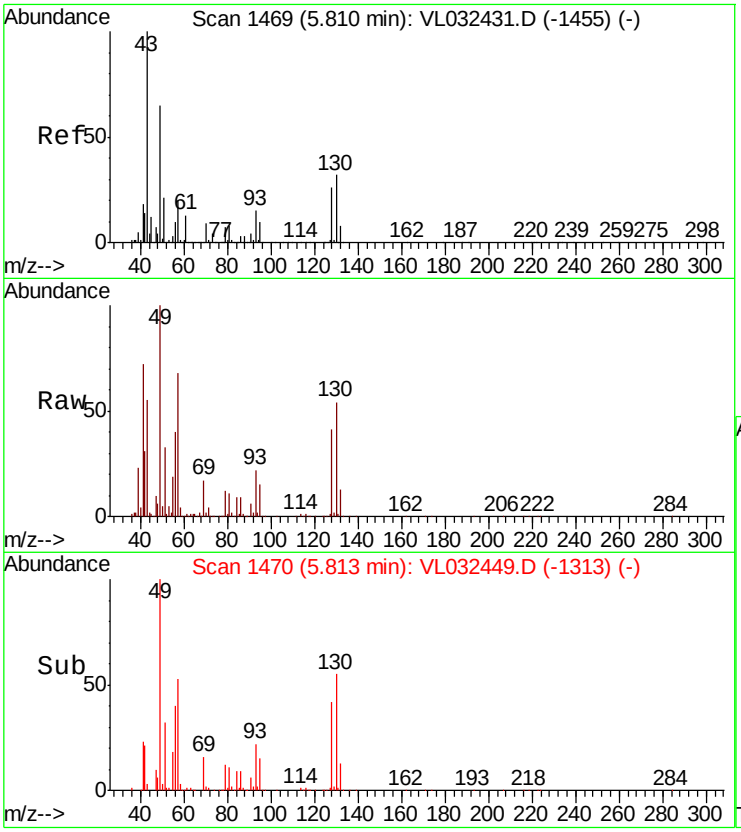
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
Data File : VL032449.D
Acq On : 31 Aug 2018 20:29
Operator : SY/AP
Sample : J4717-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Quant Time: Sep 01 02:03:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration



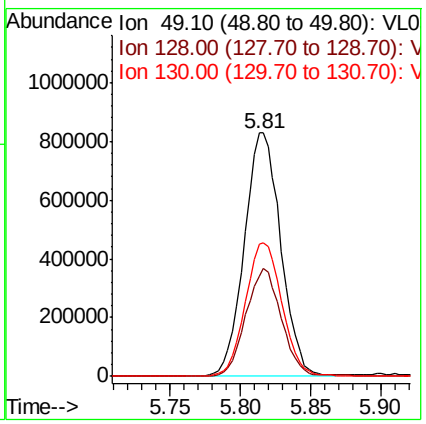


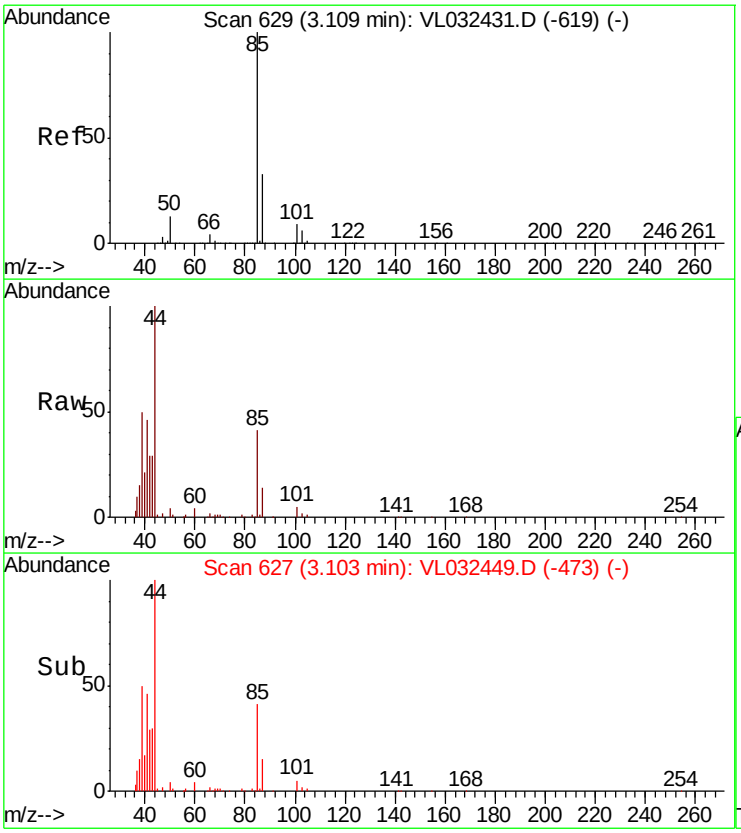
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.81 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 49 Resp: 1500611

Ion	Ratio	Lower	Upper
49	100		
128	43.6	20.7	62.1
130	55.3	26.6	79.7

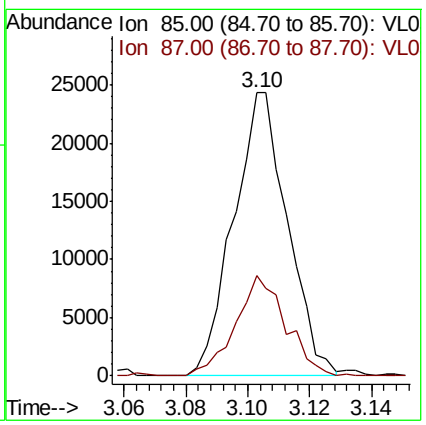


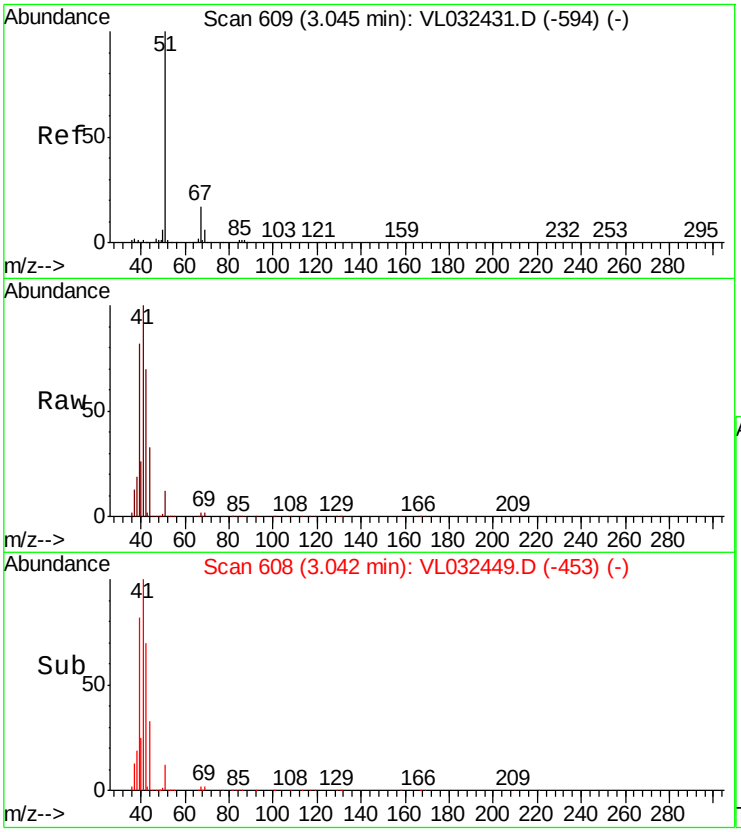


#2
Dichlorodifluoromethane
Concen: 0.153 ppbv
RT: 3.10 min Scan# 627
Delta R.T. -0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 85 Resp: 29447

Ion	Ratio	Lower	Upper
85	100		
87	35.6	26.2	39.4



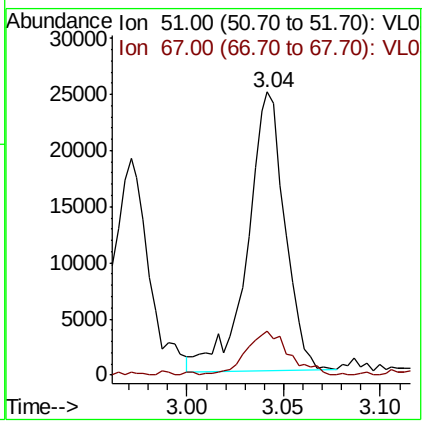


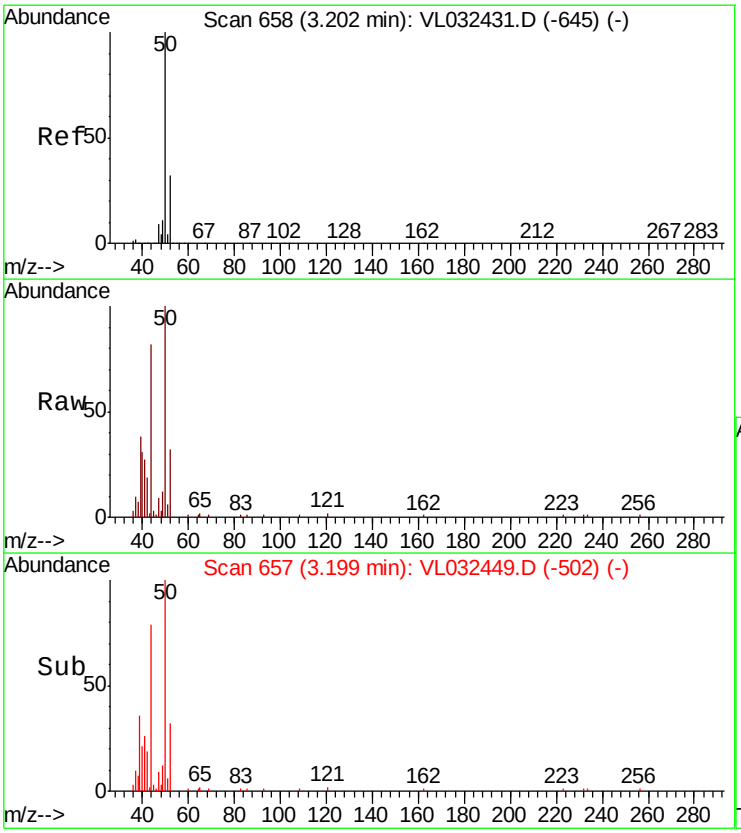
#3
Chlorodifluoromethane
Concen: 0.247 ppbv
RT: 3.04 min Scan# 608
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 51 Resp: 33500

Ion	Ratio	Lower	Upper
51	100		
67	18.8	13.8	20.8

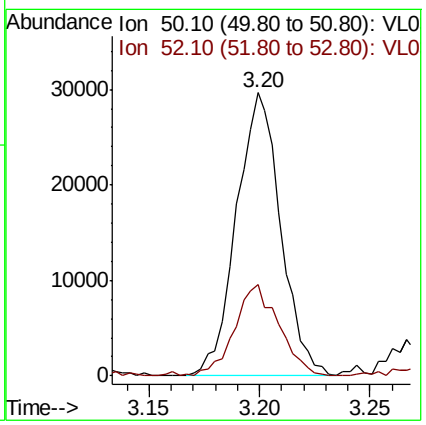


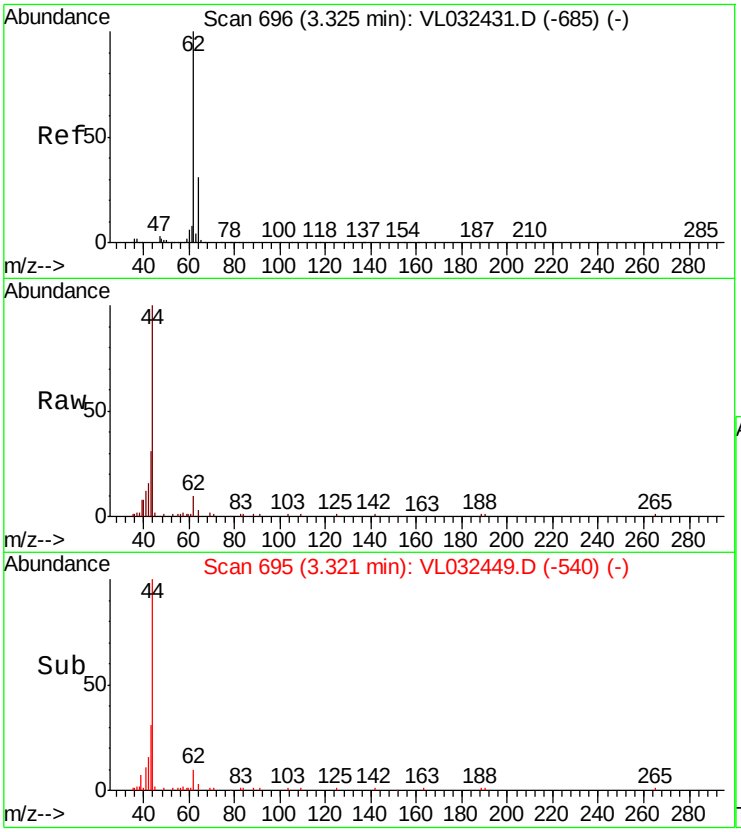


#4
Chloromethane
Concen: 0.505 ppbv
RT: 3.20 min Scan# 657
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 50 Resp: 41497

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.6	38.4



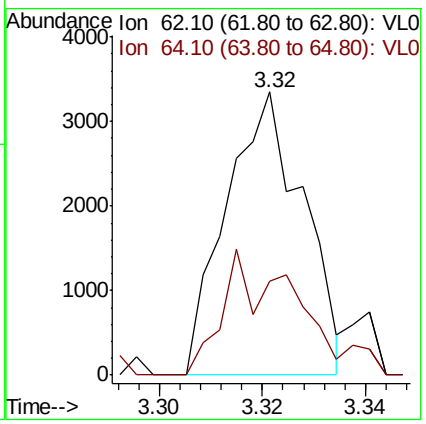


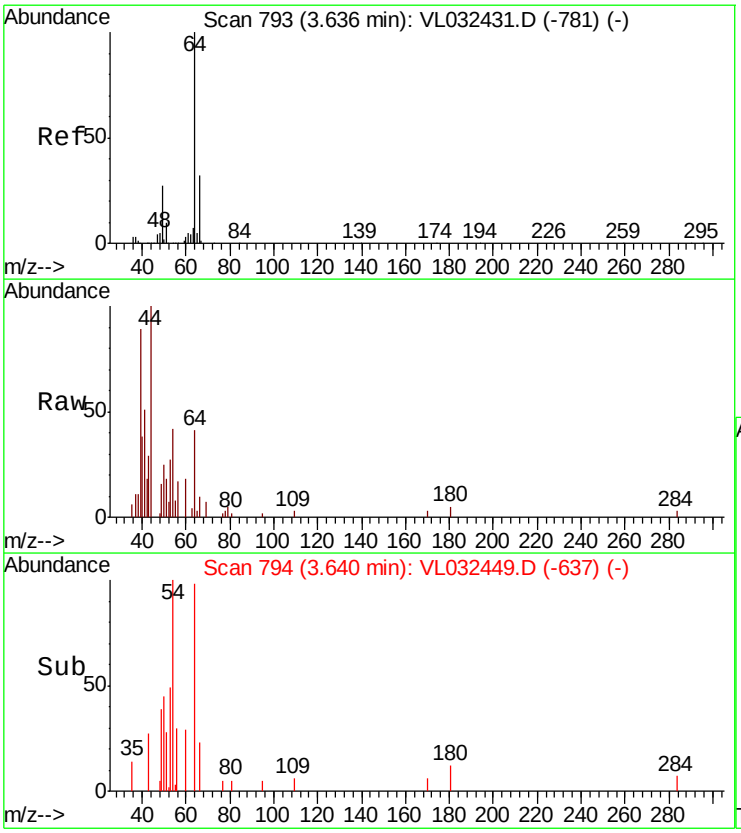
#5
Vinyl Chloride
Concen: 0.043 ppbv
RT: 3.32 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 62 Resp: 3462

Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.0	37.6

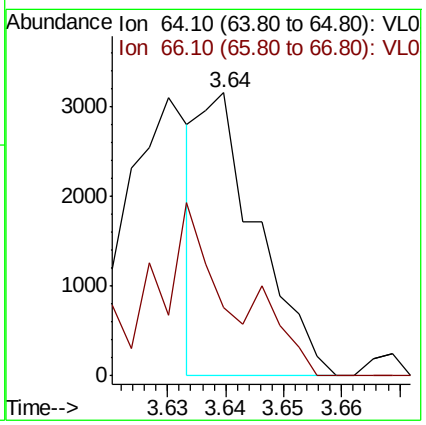


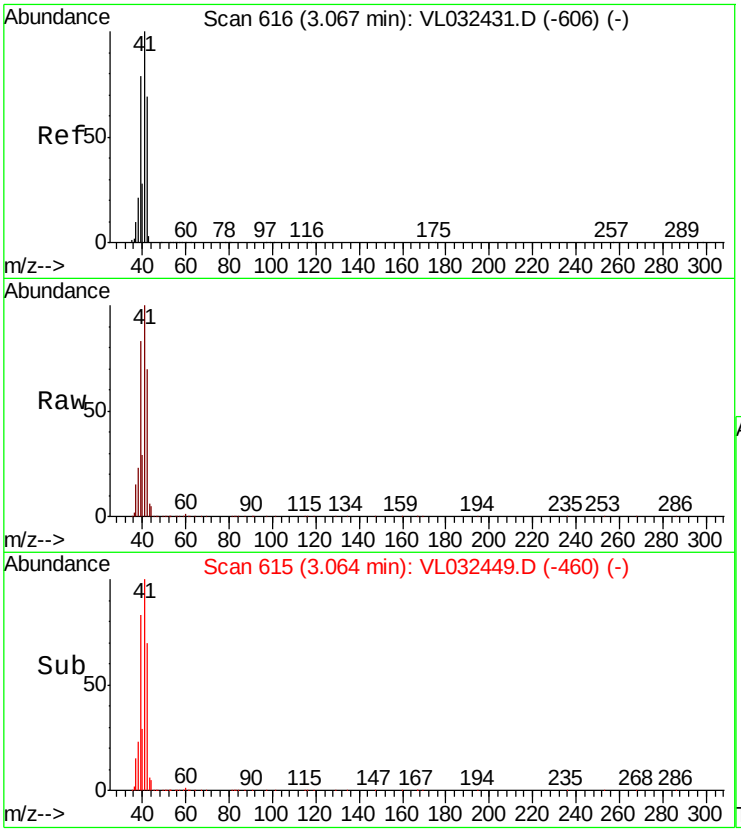


#7
Chloroethane
Concen: 0.078 ppbv
RT: 3.64 min Scan# 794
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 64 Resp: 2189

Ion	Ratio	Lower	Upper
64	100		
66	24.0	25.8	38.6#



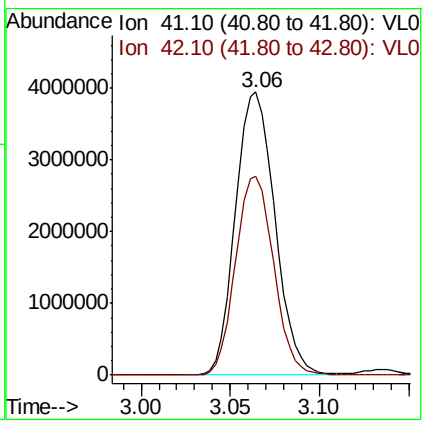


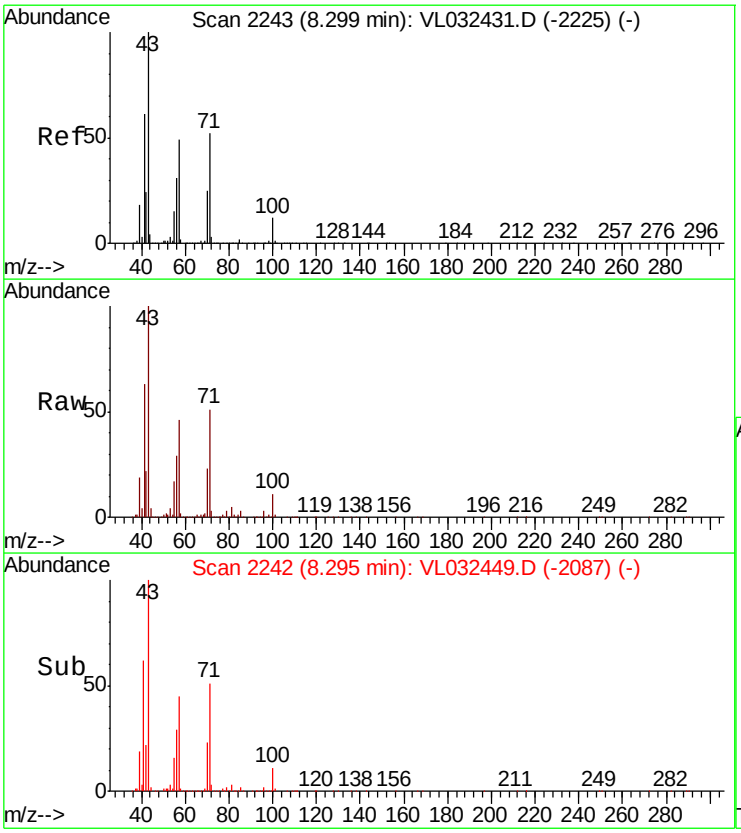
#9
Propene
Concen: 111.265 ppbv
RT: 3.06 min Scan# 615
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 41 Resp: 6096686

Ion	Ratio	Lower	Upper
41	100		
42	67.9	56.6	84.8

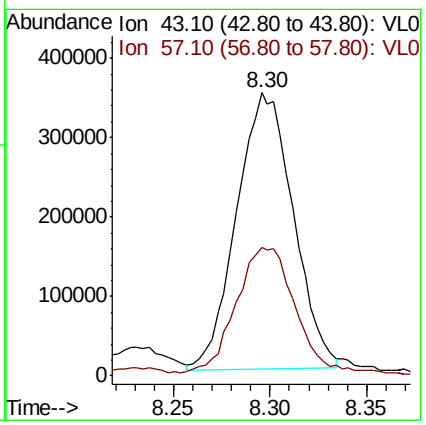


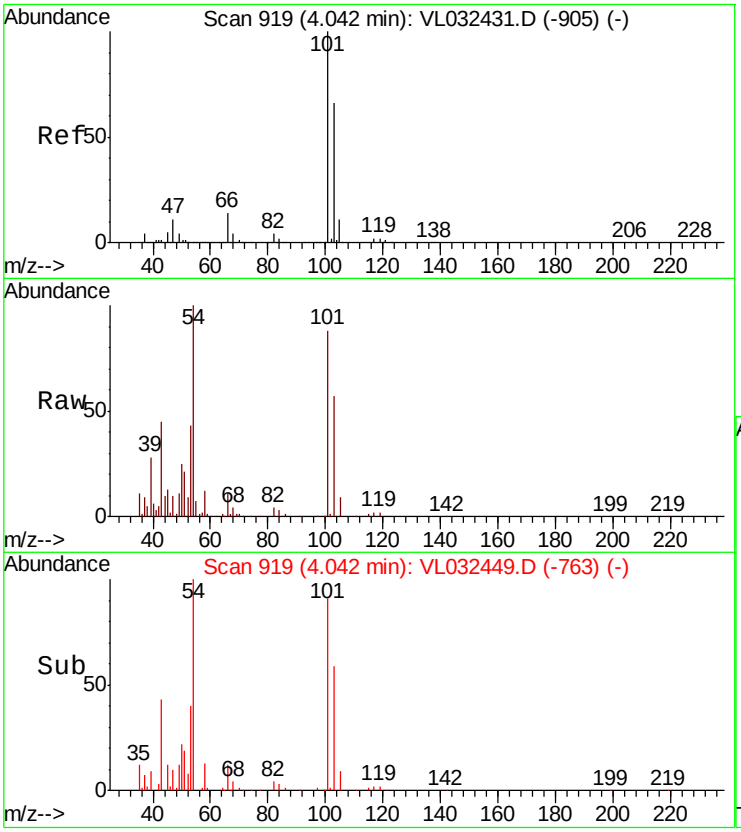


#10
Heptane
Concen: 3.601 ppbv
RT: 8.30 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 43 Resp: 707848

Ion	Ratio	Lower	Upper
43	100		
57	49.3	39.6	59.4



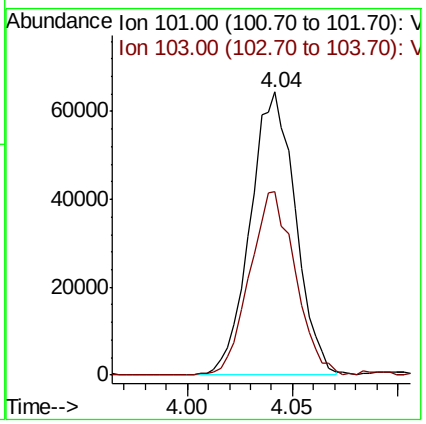


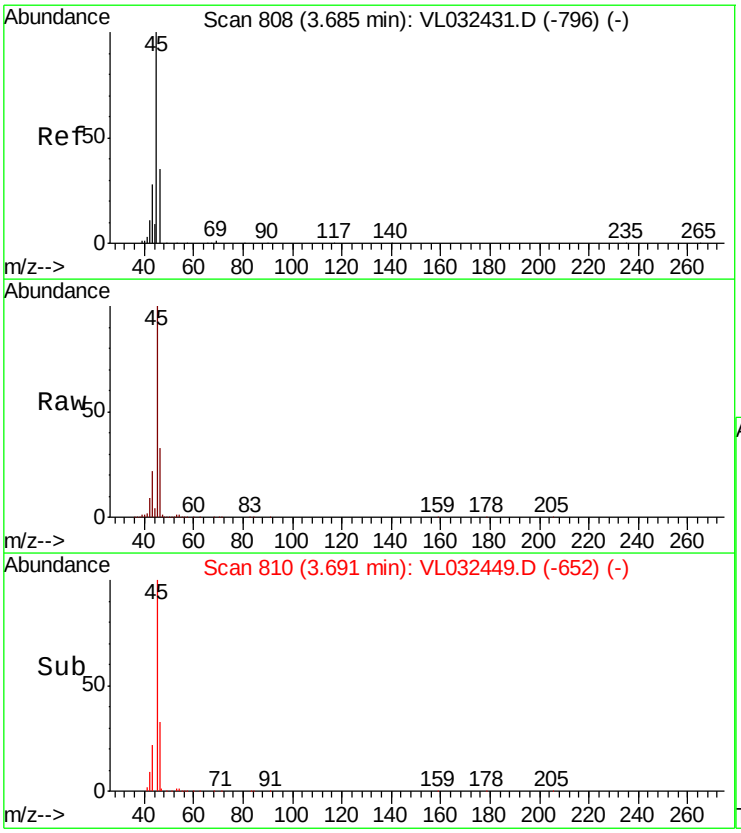
#11
Trichlorofluoromethane
Concen: 0.557 ppbv
RT: 4.04 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion:101 Resp: 96376

Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.8	79.2

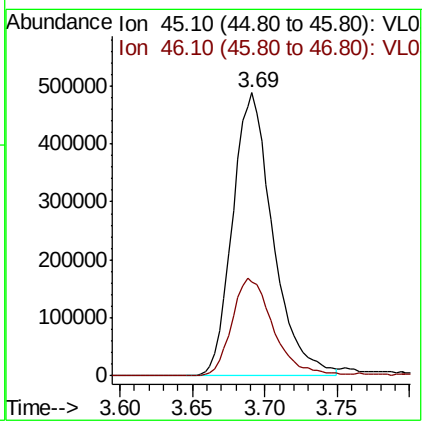


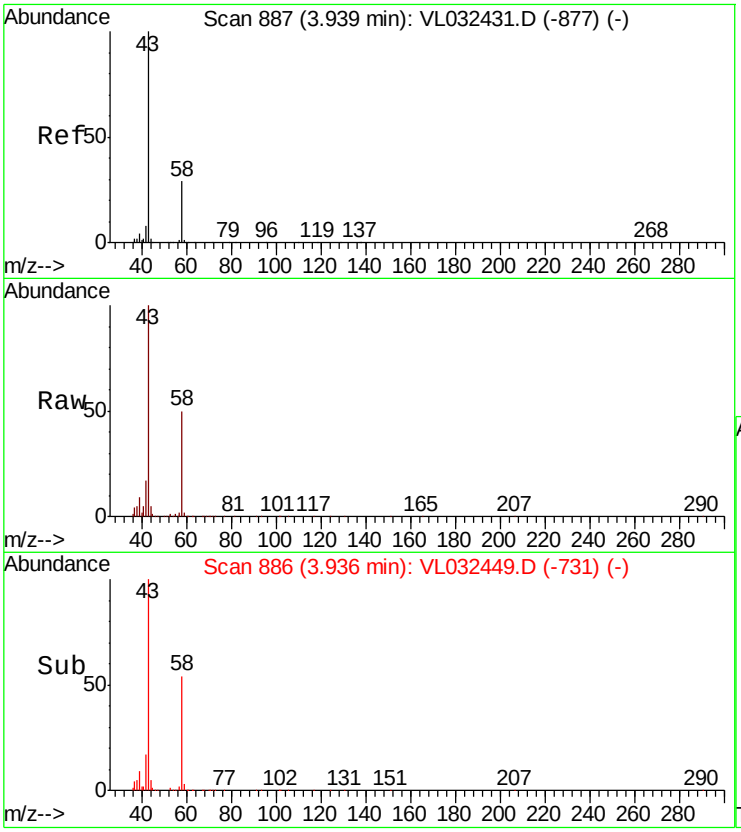


#13
Ethanol
Concen: 55.220 ppbv
RT: 3.69 min Scan# 810
Delta R.T. 0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 45 Resp: 943170

Ion	Ratio	Lower	Upper
45	100		
46	36.2	14.2	56.8



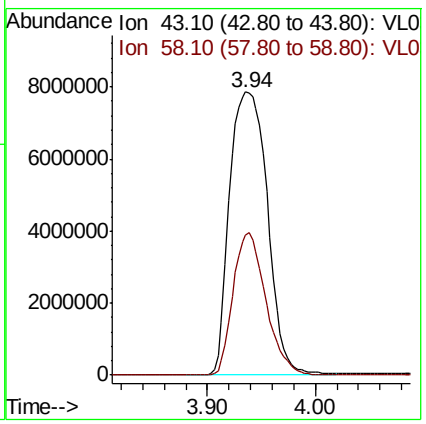


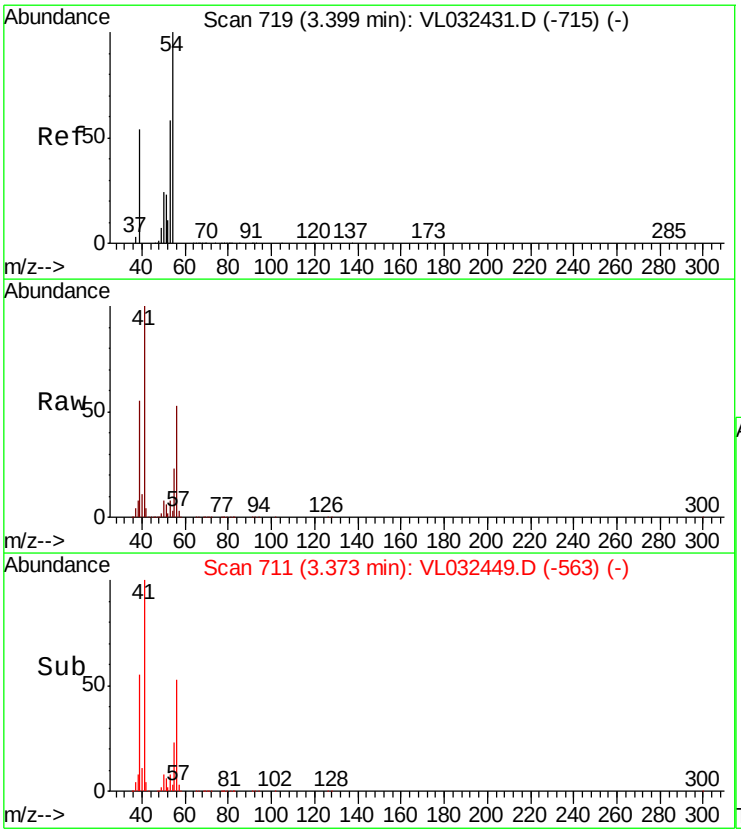
#15
Acetone
Concen: 142.143 ppbv
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 43 Resp:19208233

Ion	Ratio	Lower	Upper
43	100		
58	43.9	22.6	33.8#

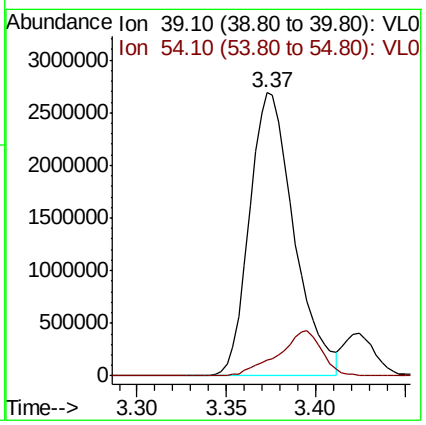


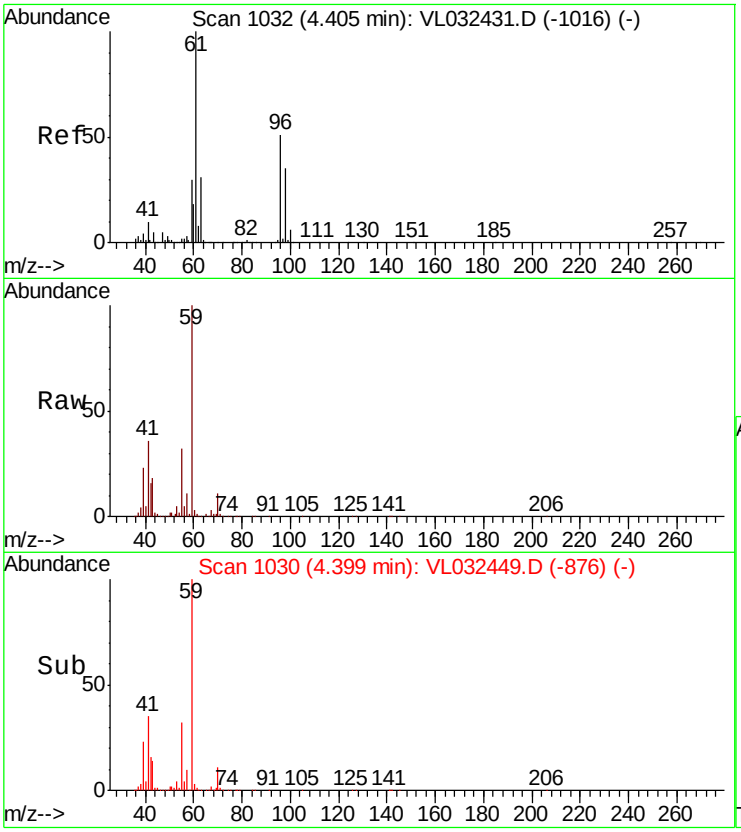


#16
1,3-Butadiene
Concen: 73.974 ppbv
RT: 3.37 min Scan# 711
Delta R.T. -0.03 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 39 Resp: 4703874

Ion	Ratio	Lower	Upper
39	100		
54	15.6	80.8	121.2#



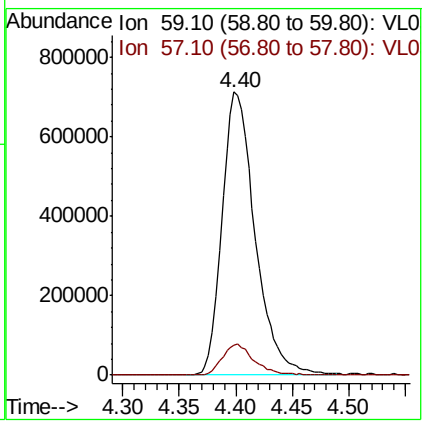


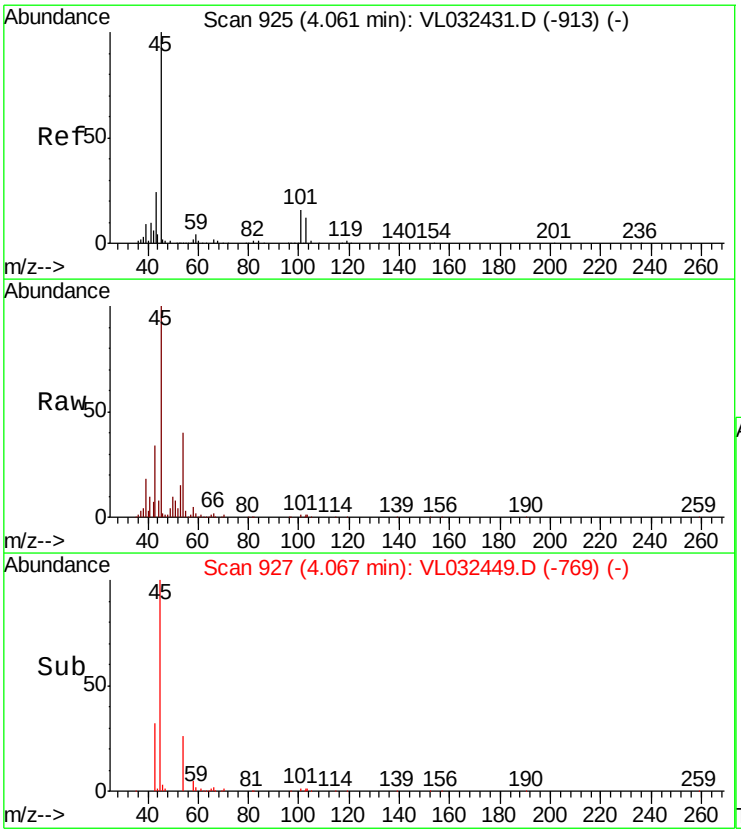
#17
tert-Butyl alcohol
Concen: 69.724 ppbv
RT: 4.40 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 59 Resp: 1449970

Ion	Ratio	Lower	Upper
59	100		
57	10.8	0.0	0.0#

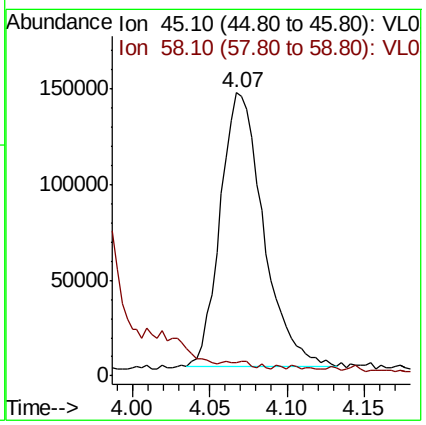


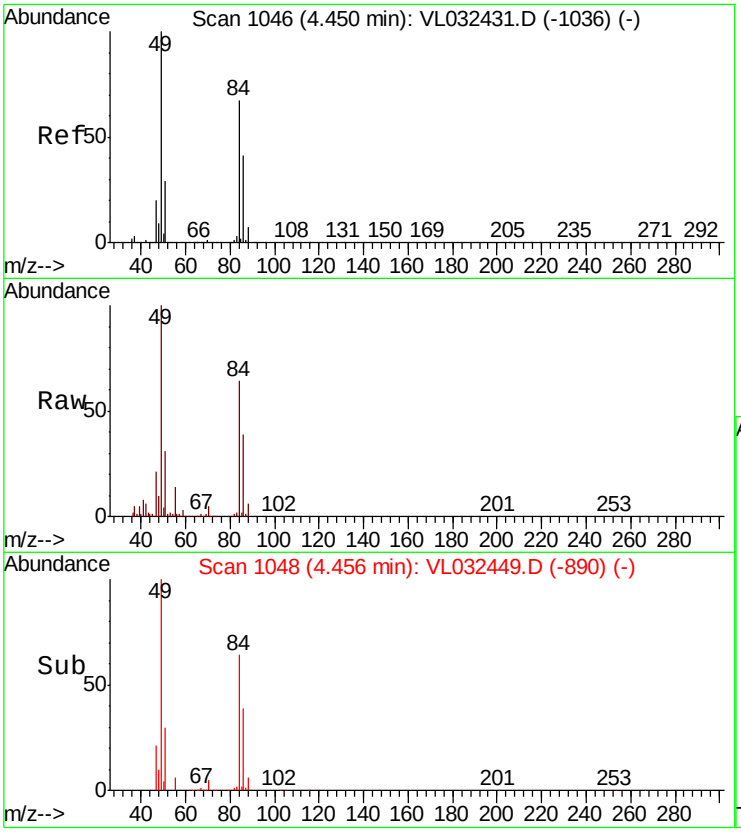


#19
Isopropyl Alcohol
Concen: 3.122 ppbv
RT: 4.07 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 45 Resp: 276737

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



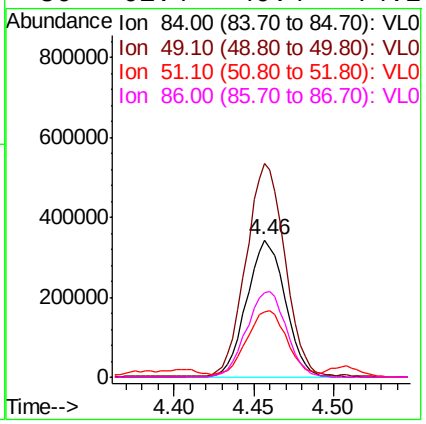


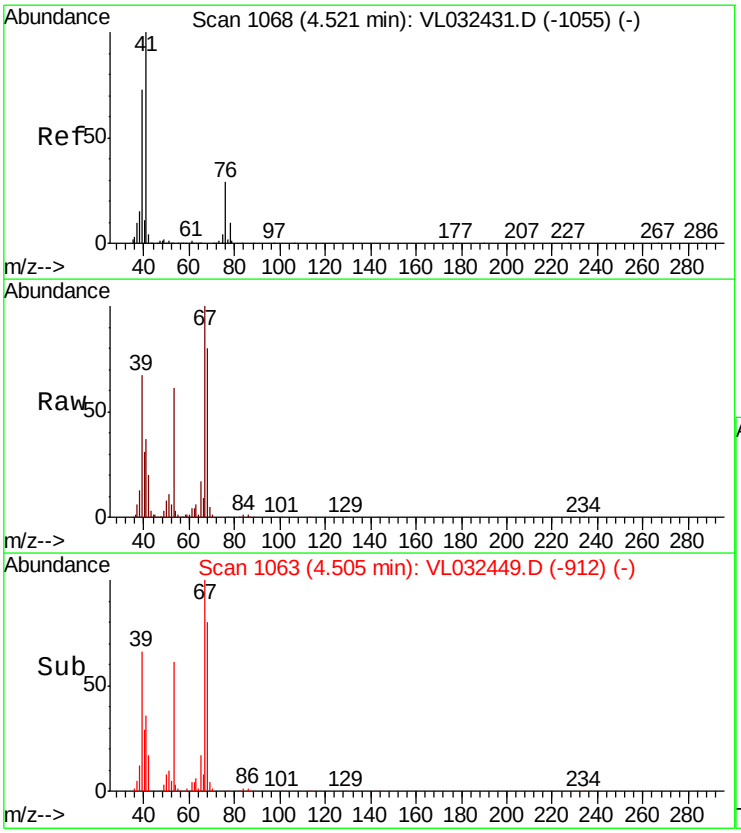
#20
Methylene Chloride
Concen: 11.049 ppbv
RT: 4.46 min Scan# 1048
Delta R.T. 0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion: 84 Resp: 569339

Ion	Ratio	Lower	Upper
84	100		
49	155.5	119.1	178.7
51	42.6	35.2	52.8
86	61.4	49.4	74.2

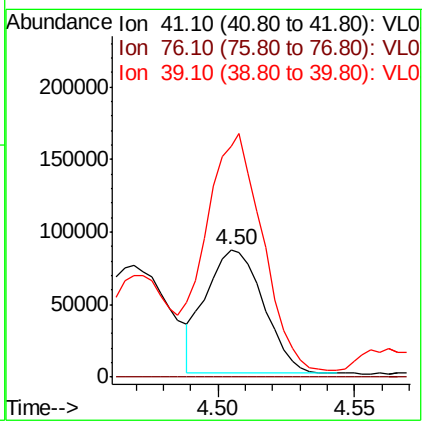


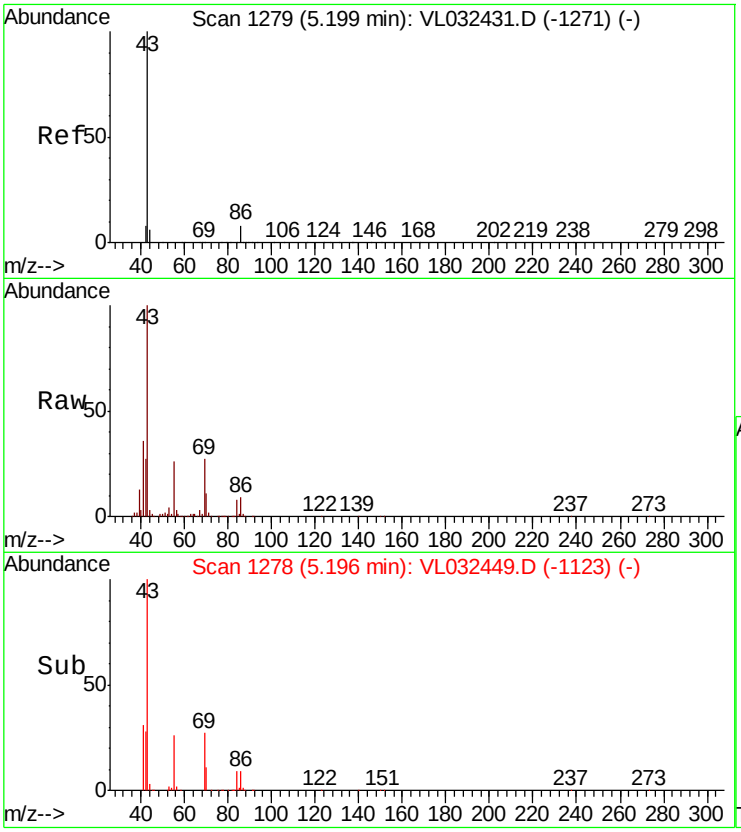


#21
Allyl Chloride
Concen: 1.391 ppbv
RT: 4.50 min Scan# 1063
Delta R.T. -0.02 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 41 Resp: 124857

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	267.3	57.7	86.5#



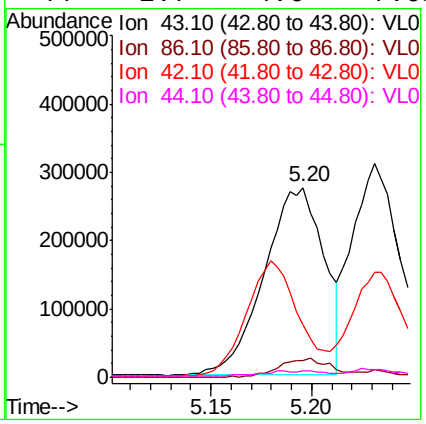


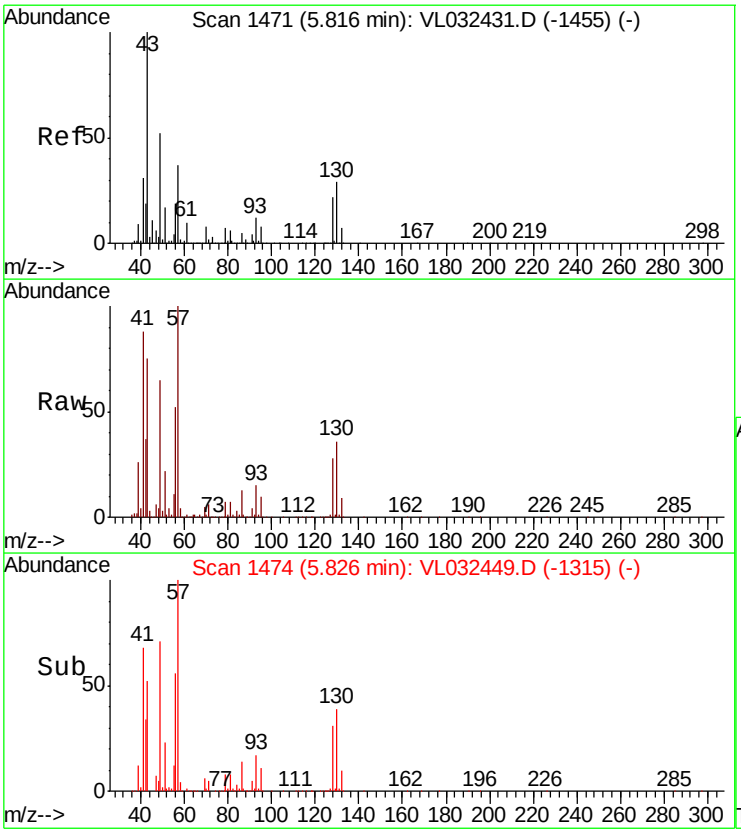
#23
Vinyl Acetate
Concen: 2.507 ppbv
RT: 5.20 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion: 43 Resp: 561456

Ion	Ratio	Lower	Upper
43	100		
86	9.0	5.9	8.9#
42	26.7	6.9	10.3#
44	2.7	4.6	7.0#

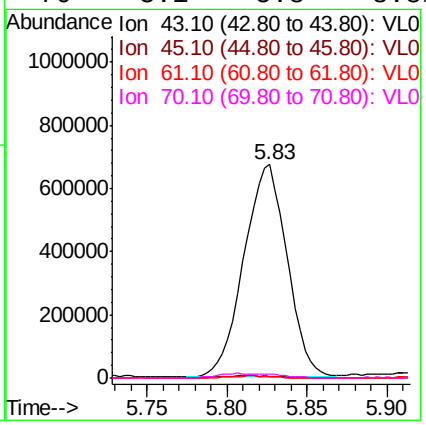


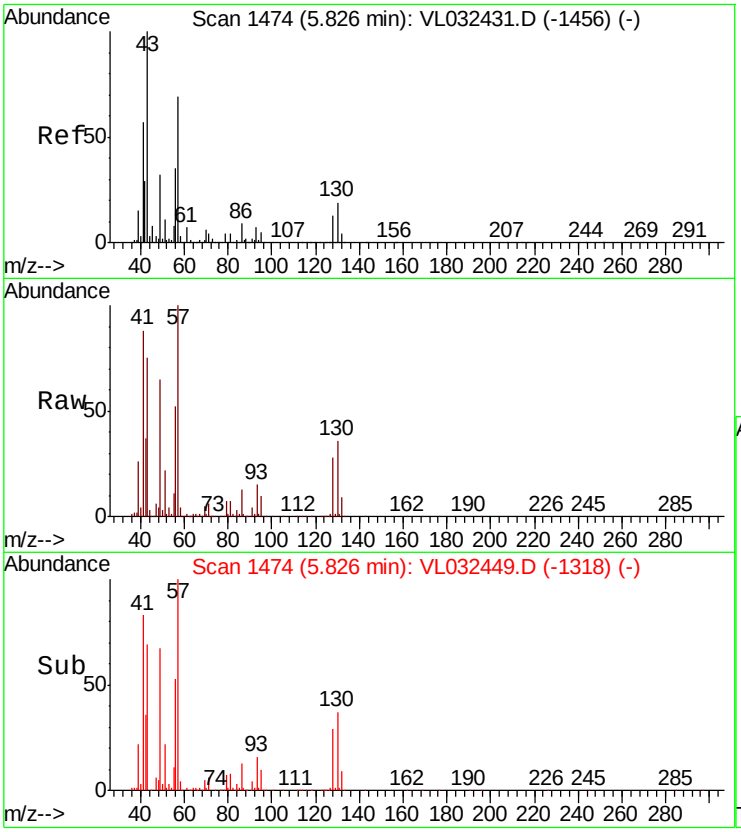


#25
Ethyl Acetate
Concen: 3.906 ppbv
RT: 5.83 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 43 Resp: 1246404

Ion	Ratio	Lower	Upper
43	100		
45	1.4	8.0	12.0#
61	1.2	7.6	11.4#
70	3.1	5.8	8.8#



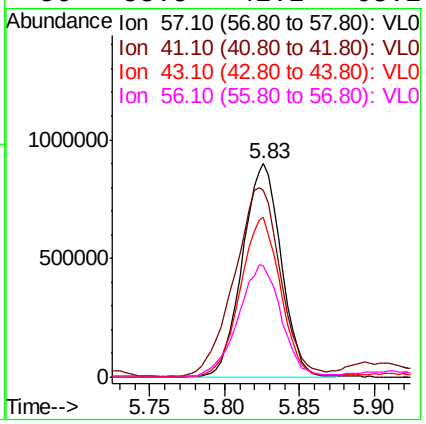


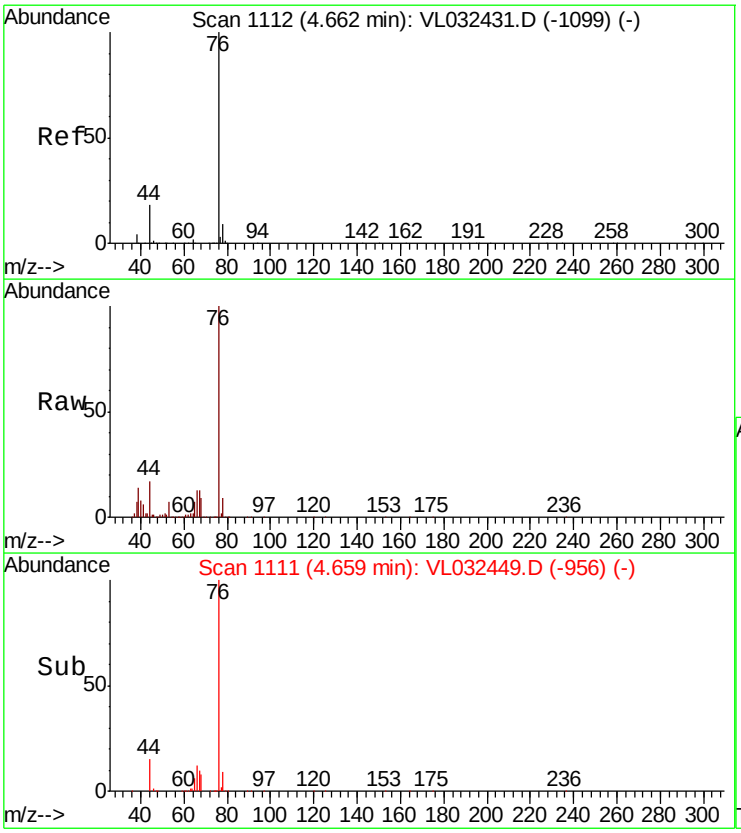
#26
Hexane
Concen: 11.312 ppbv
RT: 5.83 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion: 57 Resp: 1616404

Ion	Ratio	Lower	Upper
57	100		
41	106.1	69.0	103.4#
43	77.0	172.1	258.1#
56	58.5	42.2	63.2

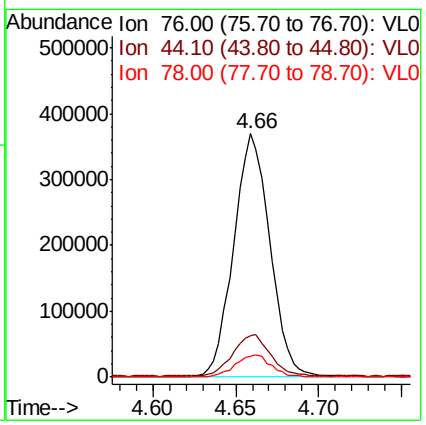


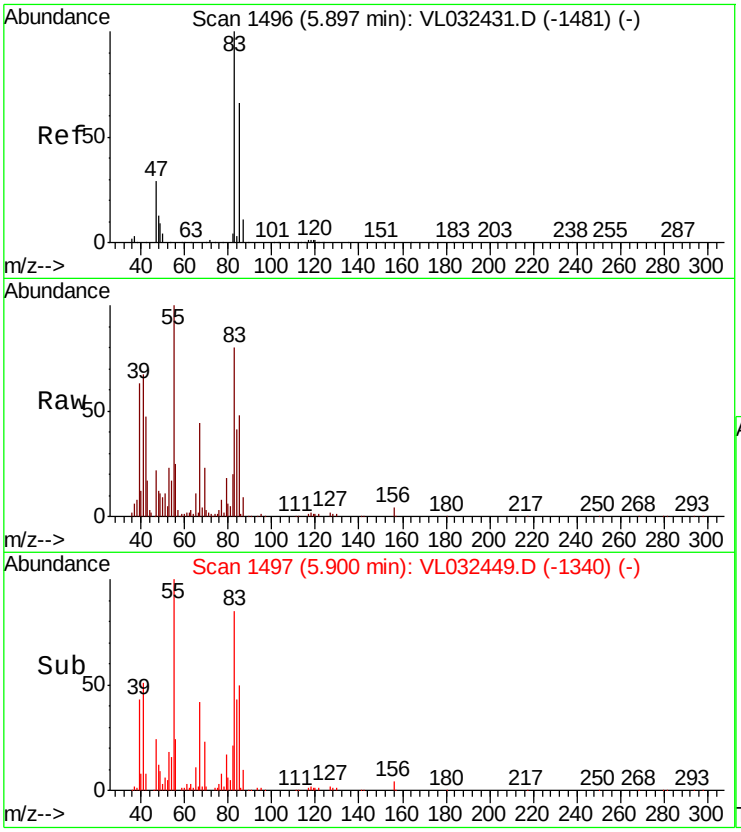


#27
Carbon Disulfide
Concen: 4.271 ppbv
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 76 Resp: 563355

Ion	Ratio	Lower	Upper
76	100		
44	17.8	14.0	21.0
78	9.2	7.5	11.3



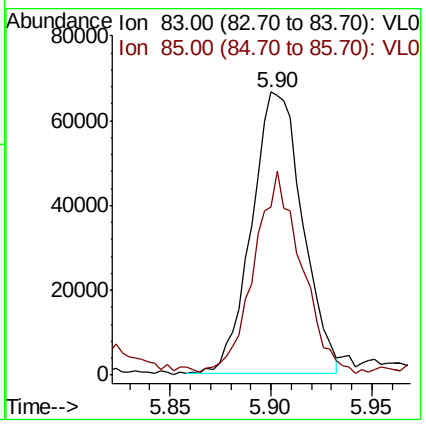


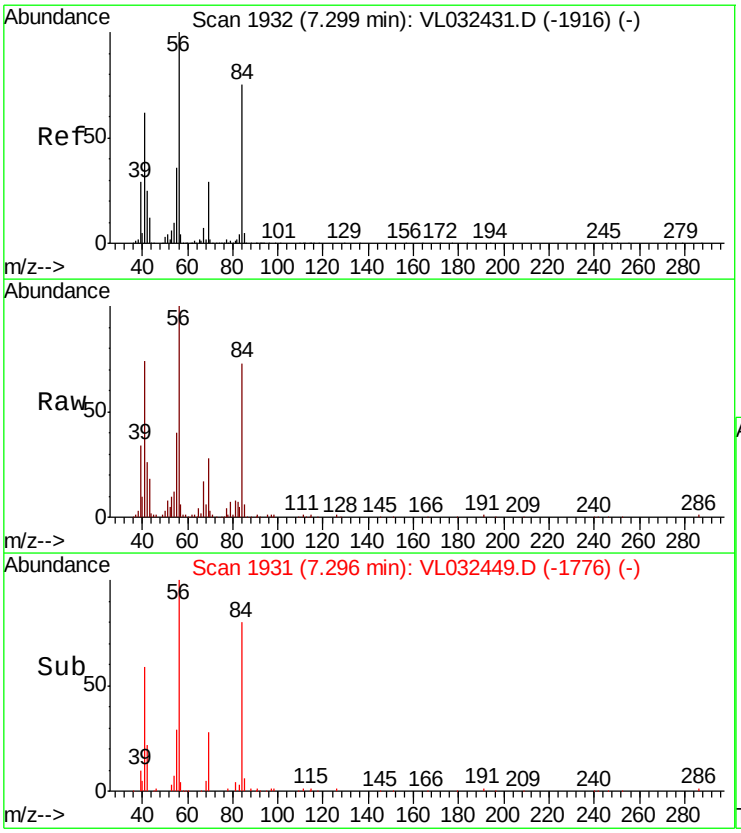
#29
Chloroform
Concen: 0.536 ppbv
RT: 5.90 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 83 Resp: 116761

Ion	Ratio	Lower	Upper
83	100		
85	56.9	52.5	78.7

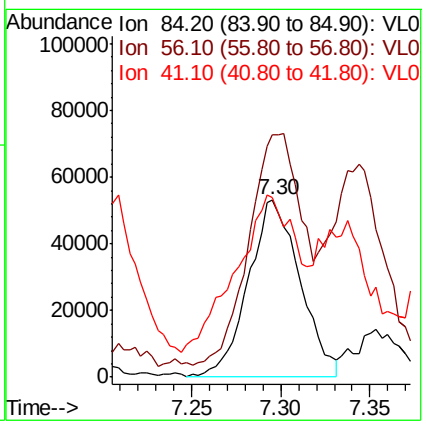


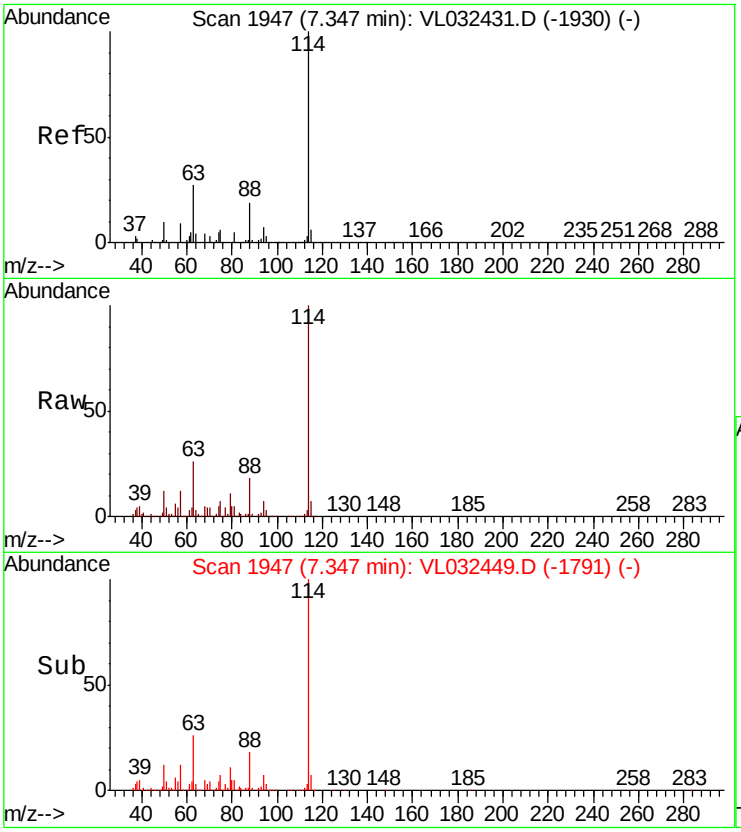


#30
Cyclohexane
Concen: 1.018 ppbv
RT: 7.30 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 84 Resp: 106546

Ion	Ratio	Lower	Upper
84	100		
56	155.4	113.5	170.3
41	100.1	68.1	102.1



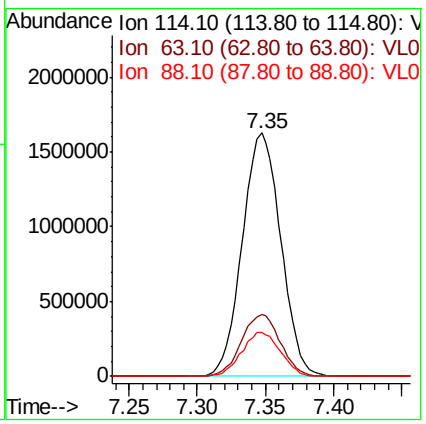


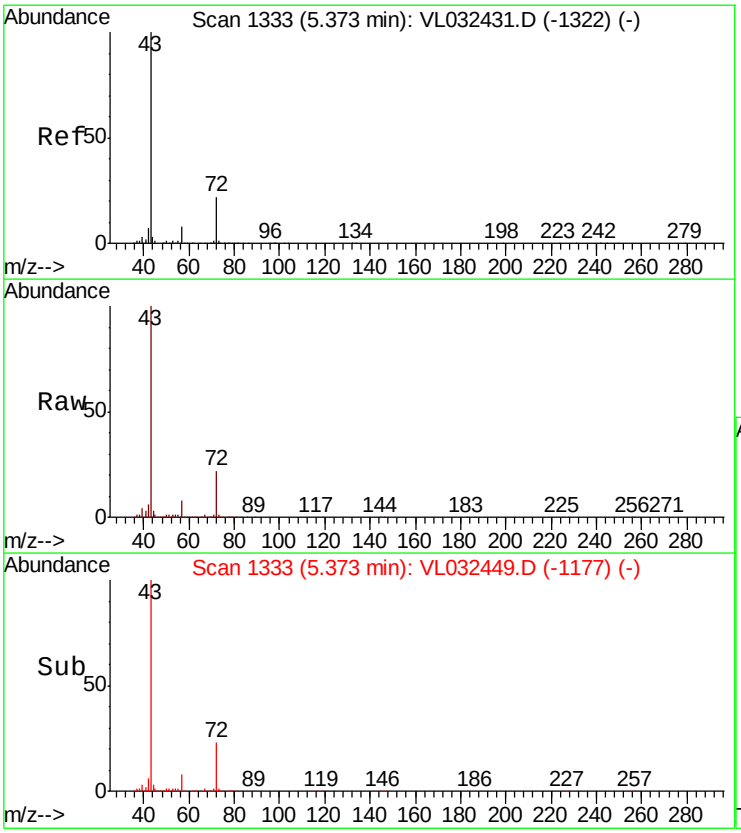
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.35 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion:114 Resp: 3188341

Ion	Ratio	Lower	Upper
114	100		
63	25.6	22.2	33.4
88	18.3	15.0	22.4

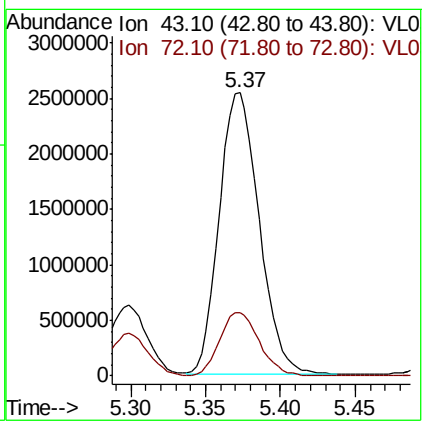


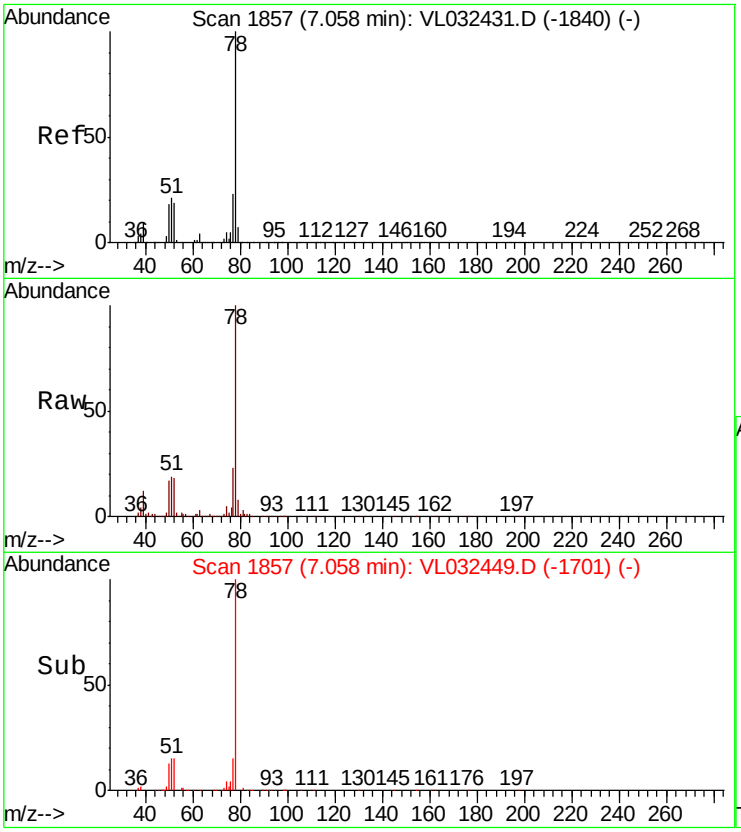


#34
2-Butanone
Concen: 22.345 ppbv
RT: 5.37 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 43 Resp: 4732180

Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.8	26.6



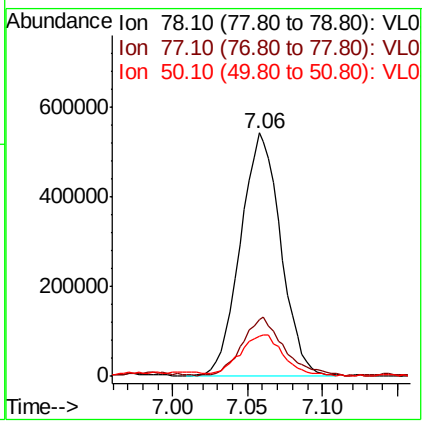


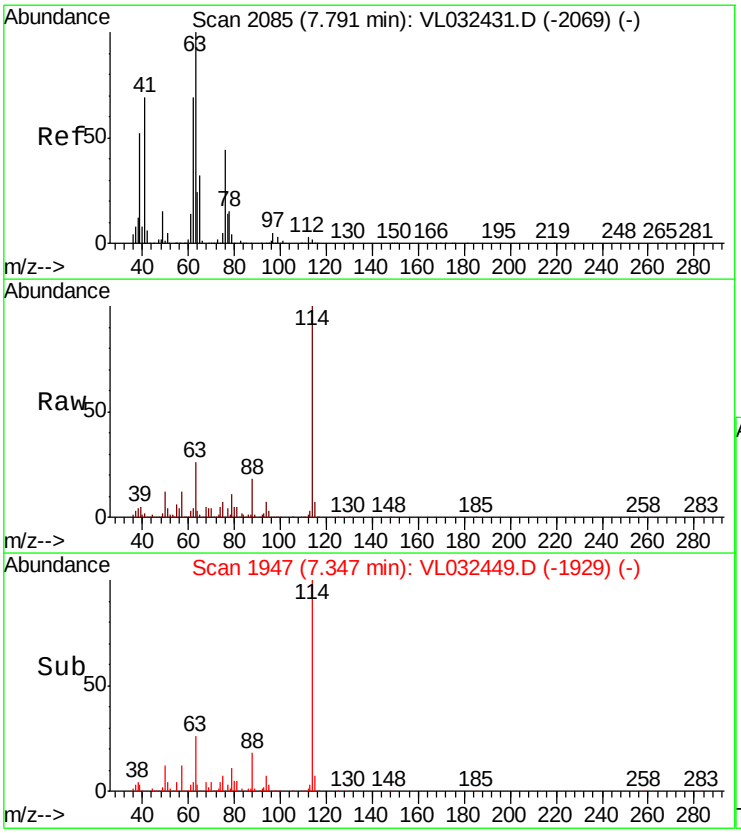
#36
Benzene
Concen: 3.738 ppbv
RT: 7.06 min Scan# 1857
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 78 Resp: 1014201

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.4	27.6
50	16.1	14.4	21.6

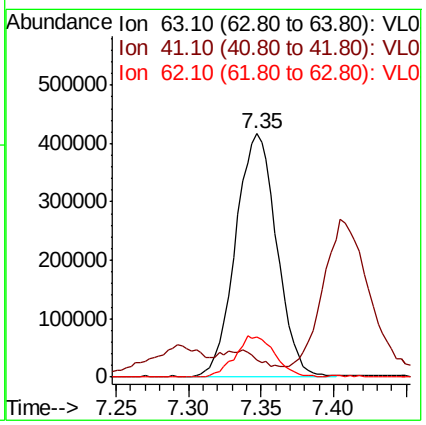


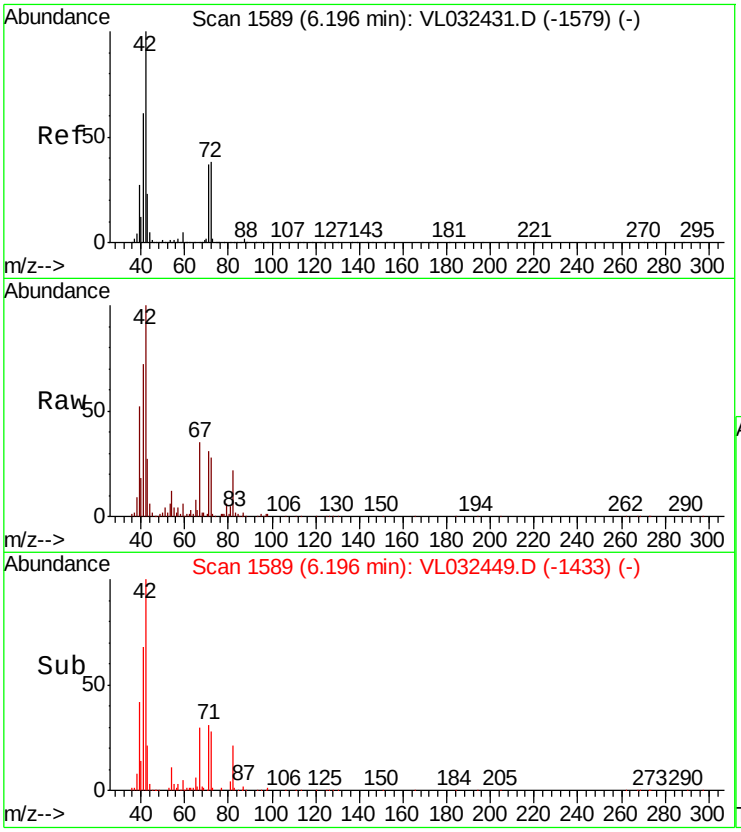


#39
1,2-Dichloropropane
Concen: 7.038 ppbv
RT: 7.35 min Scan# 1947
Delta R.T. -0.44 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 63 Resp: 817016

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	15.9	55.4	83.0#



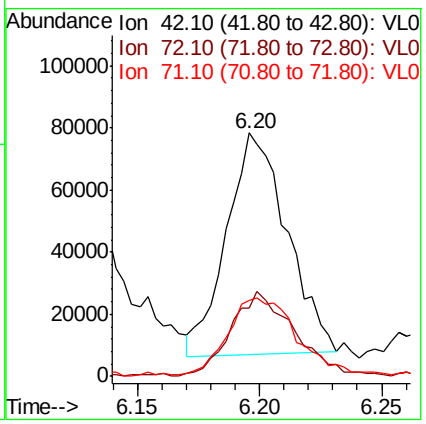


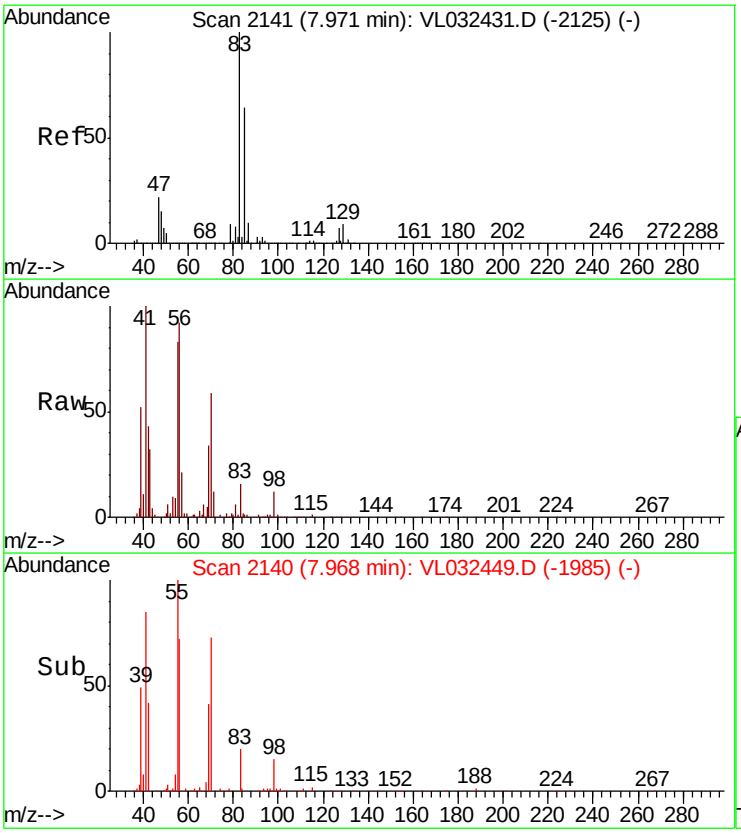
#41
Tetrahydrofuran
Concen: 1.062 ppbv
RT: 6.20 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion: 42 Resp: 122405

Ion	Ratio	Lower	Upper
42	100		
72	41.7	29.5	44.3
71	41.8	28.3	42.5

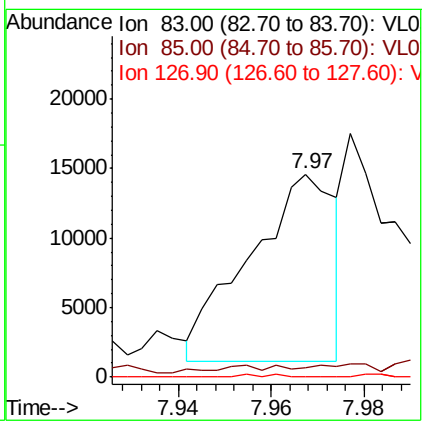


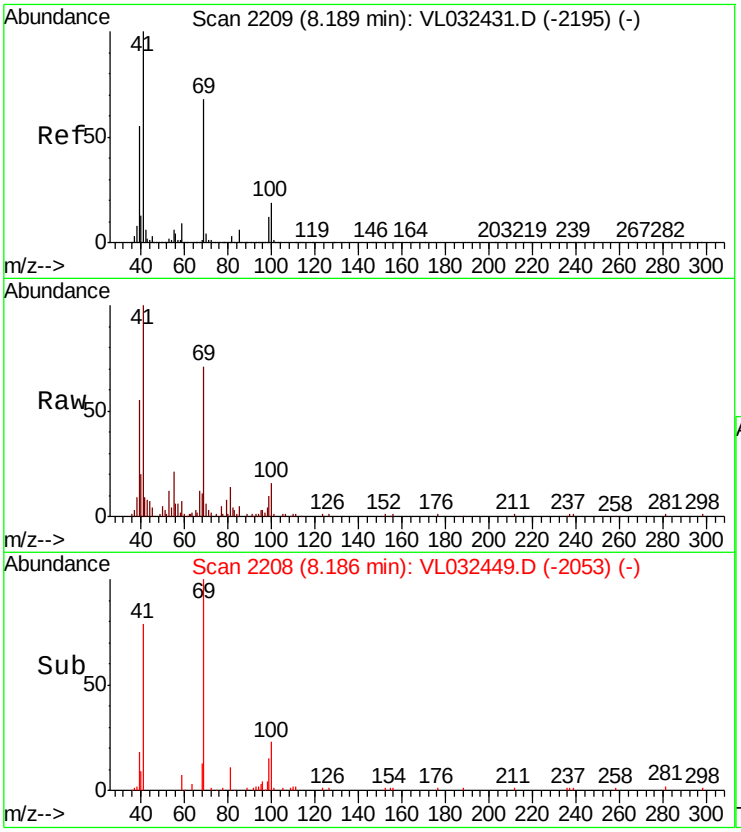


#42
Bromodichloromethane
Concen: 0.076 ppbv
RT: 7.97 min Scan# 2140
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 83 Resp: 17357

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#
127	0.0	5.8	8.8#



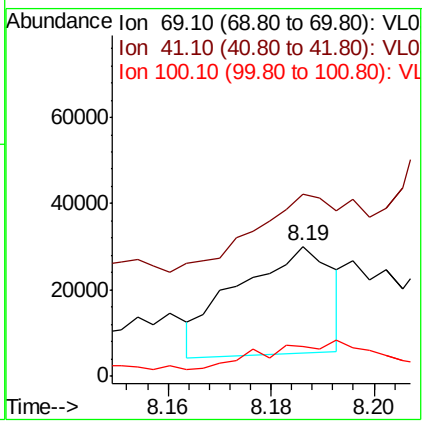


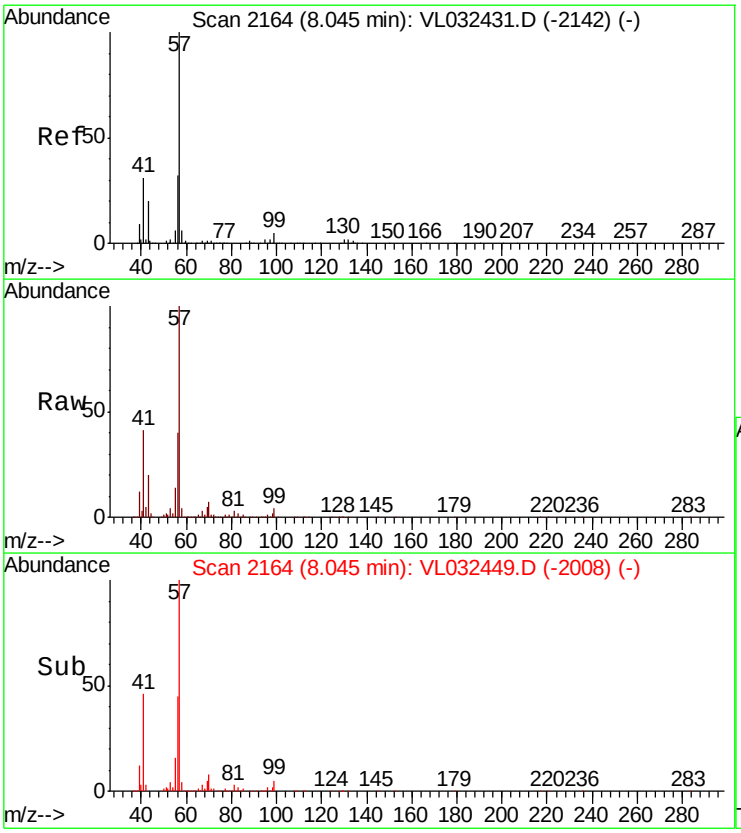
#43
Methyl Methacrylate
Concen: 0.273 ppbv
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion: 69 Resp: 31439

Ion	Ratio	Lower	Upper
69	100		
41	0.0	117.1	175.7#
100	0.0	23.4	35.2#

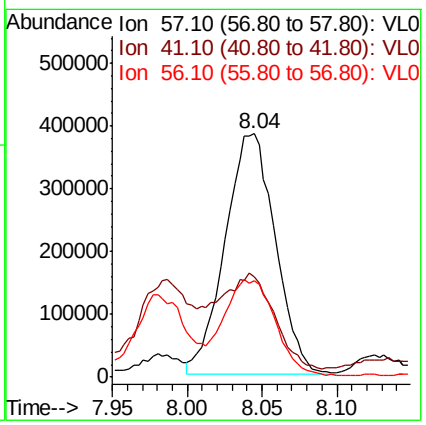


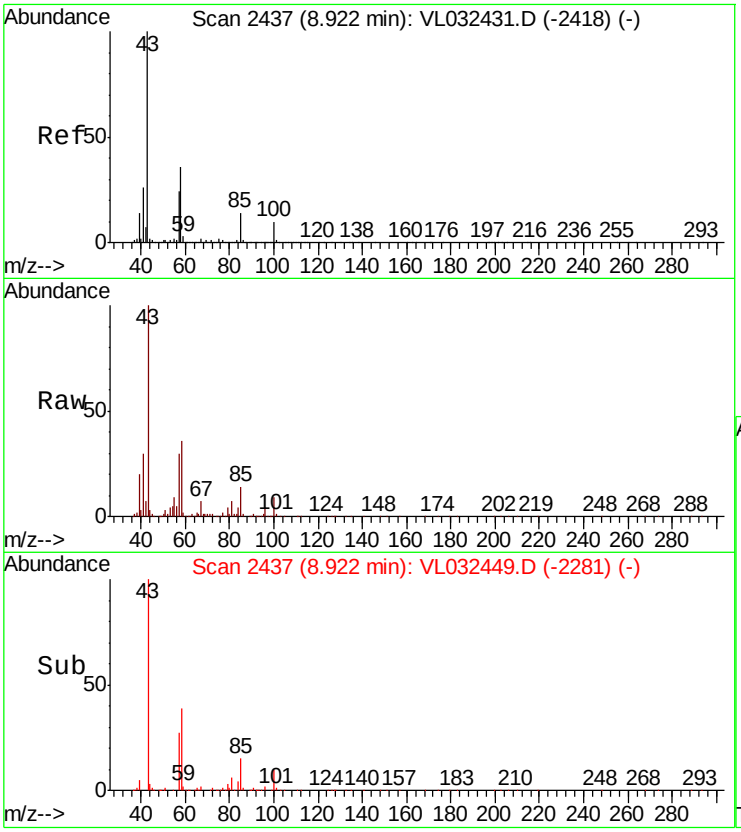


#44
2,2,4-Trimethylpentane
Concen: 1.715 ppbv
RT: 8.04 min Scan# 2164
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 57 Resp: 899704

Ion	Ratio	Lower	Upper
57	100		
41	45.5	24.4	36.6#
56	42.6	25.7	38.5#



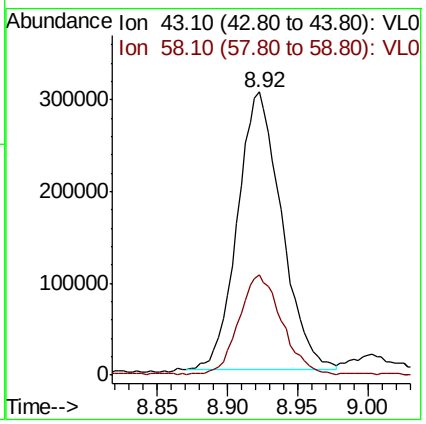


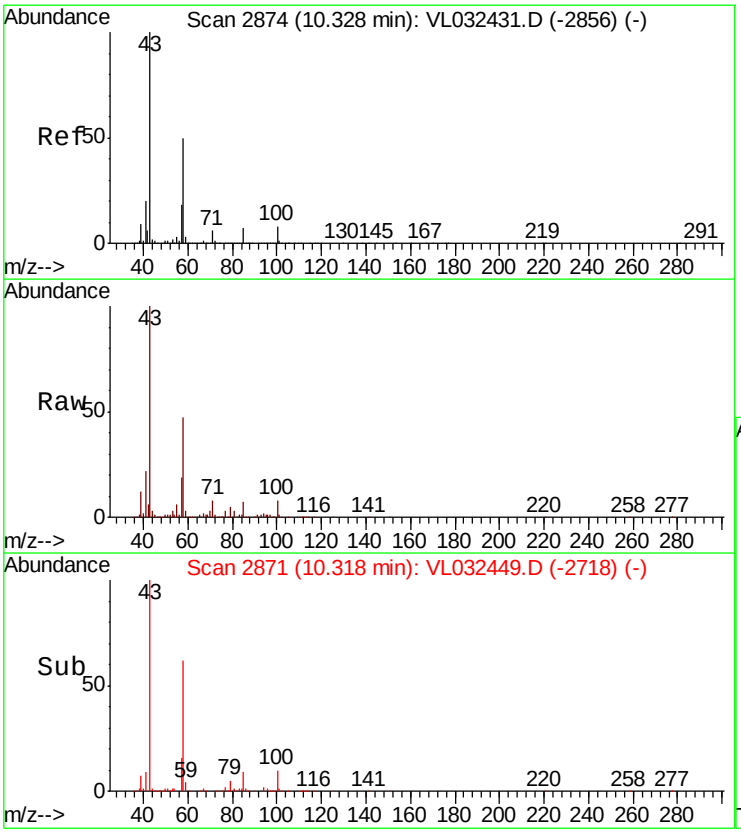
#50
4-Methyl-2-Pentanone
Concen: 2.081 ppbv
RT: 8.92 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 43 Resp: 663742

Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.0	43.4

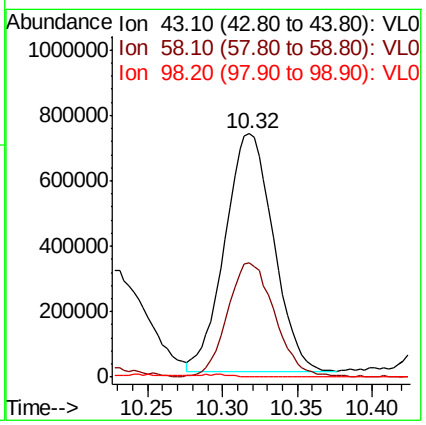


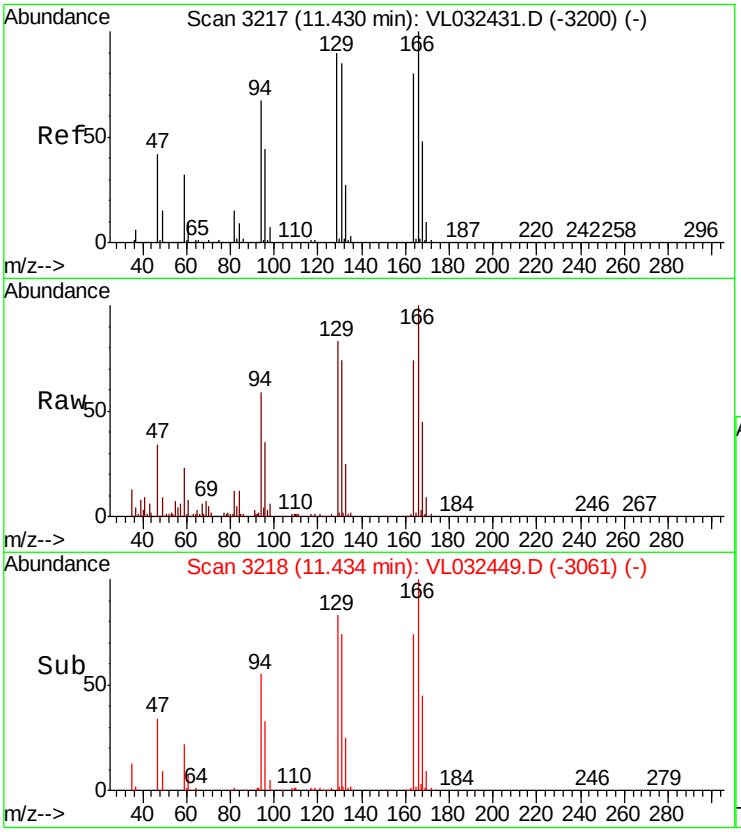


#51
2-Hexanone
Concen: 8.016 ppbv
RT: 10.32 min Scan# 2871
Delta R.T. -0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 43 Resp: 1647181

Ion	Ratio	Lower	Upper
43	100		
58	46.6	39.2	58.8
98	0.8	0.4	0.6#



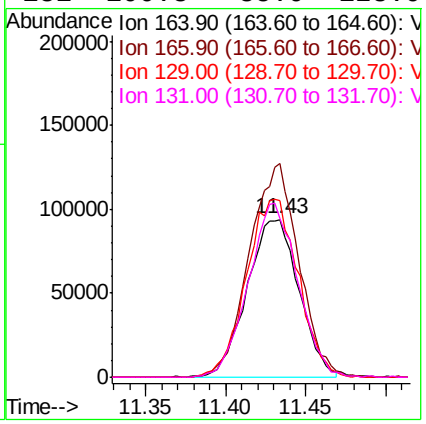


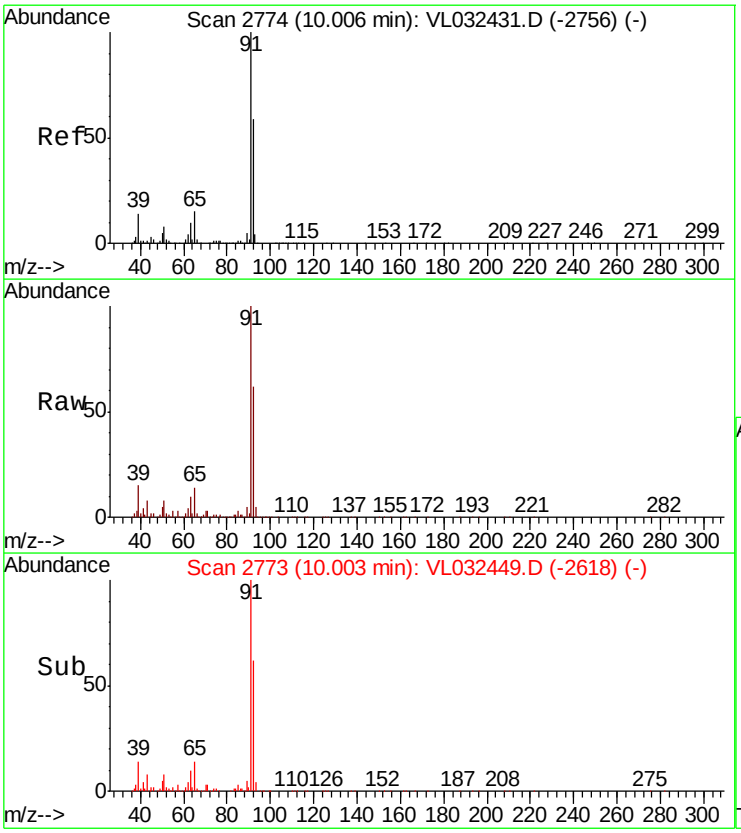
#52
Tetrachloroethene
Concen: 2.483 ppbv
RT: 11.43 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion:164 Resp: 208875

Ion	Ratio	Lower	Upper
164	100		
166	135.2	100.6	150.8
129	111.4	89.9	134.9
131	100.3	85.9	128.9

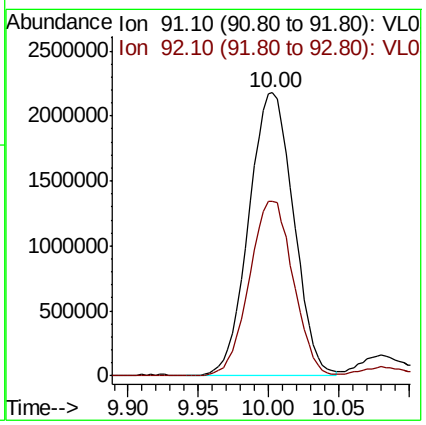


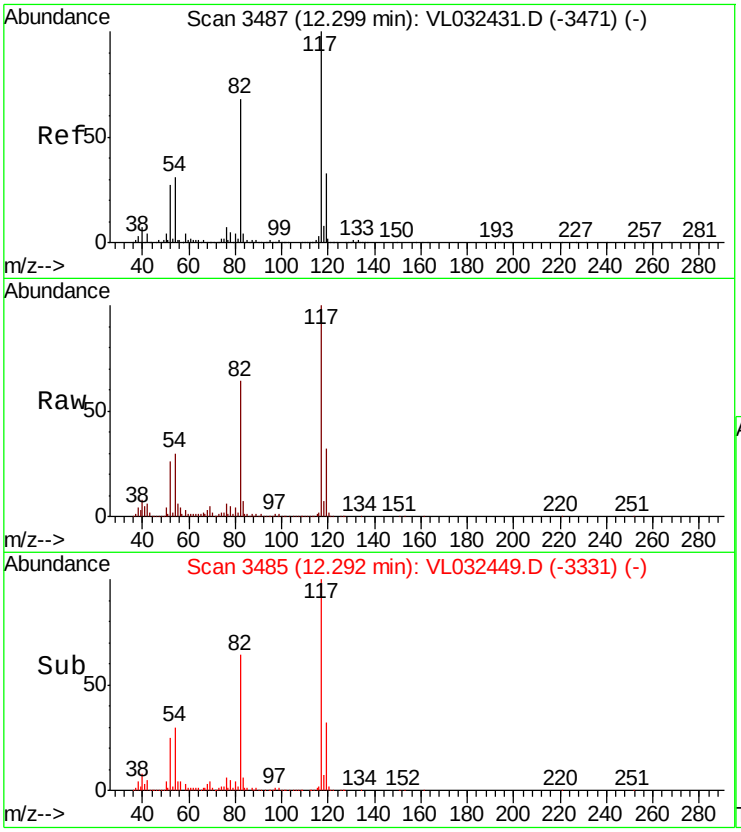


#53
Toluene
Concen: 16.975 ppbv
RT: 10.00 min Scan# 2773
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 91 Resp: 4814273

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.1	72.1



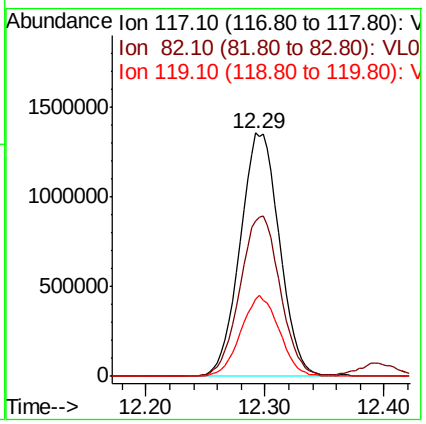


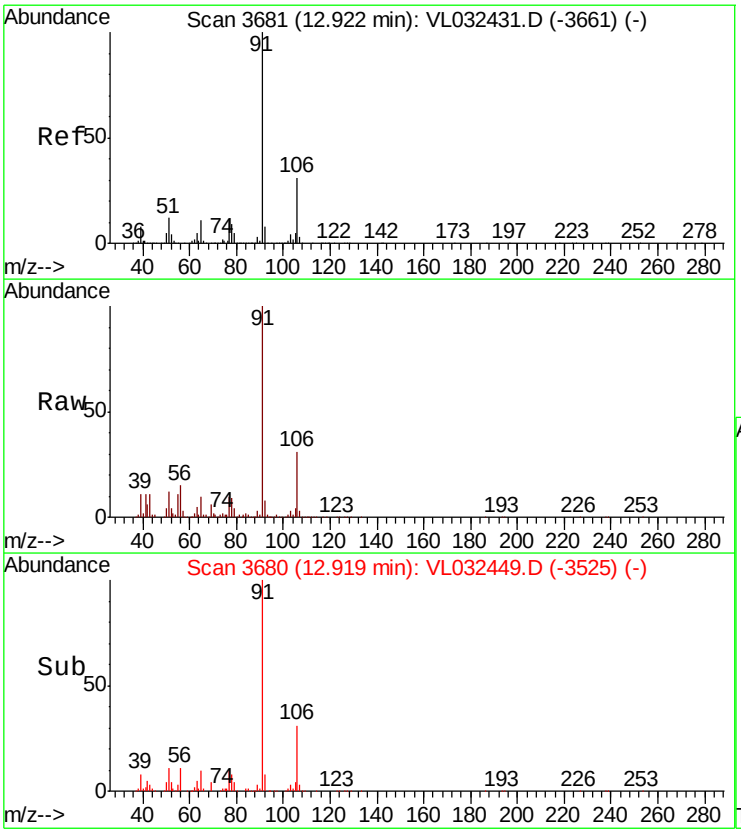
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.29 min Scan# 3485
Delta R.T. -0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion:117 Resp: 3102050

Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.0	79.6
119	32.7	45.9	68.9#

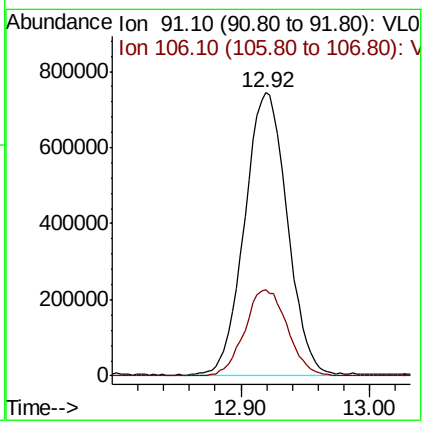


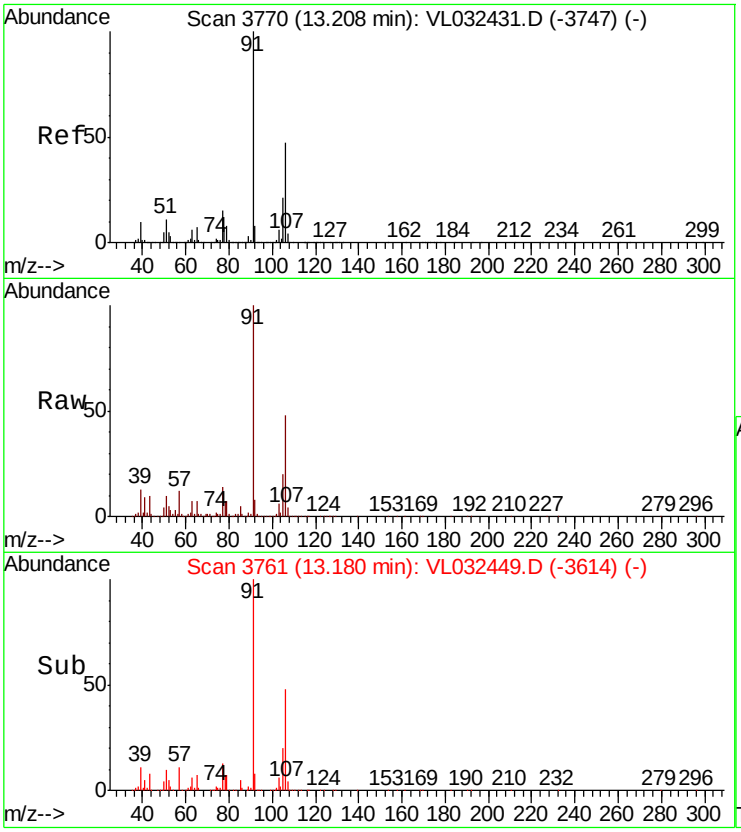


#58
Ethyl Benzene
Concen: 4.601 ppbv
RT: 12.92 min Scan# 3680
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 91 Resp: 1708084

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.8	37.2



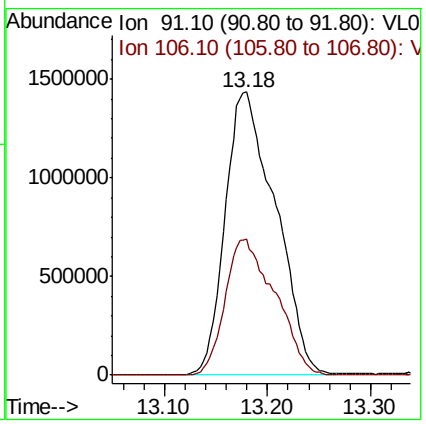


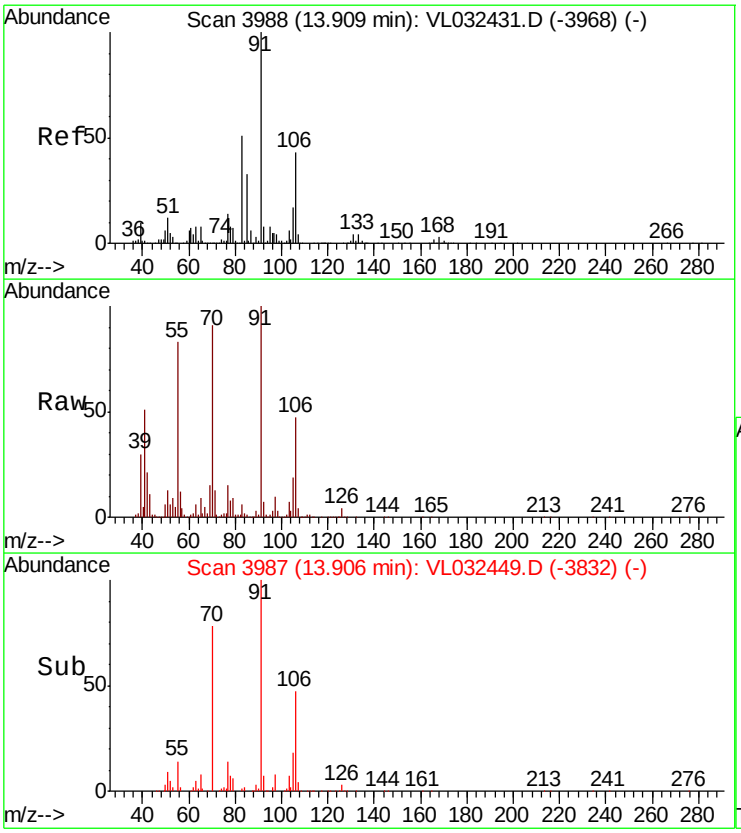
#59
m/p-Xylene
Concen: 14.577 ppbv
RT: 13.18 min Scan# 3761
Delta R.T. -0.03 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion: 91 Resp: 4824313

Ion	Ratio	Lower	Upper
91	100		
106	48.1	36.6	55.0

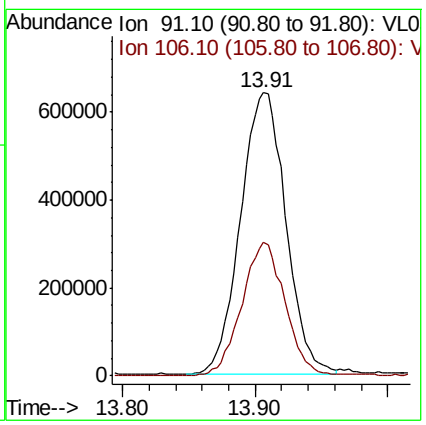


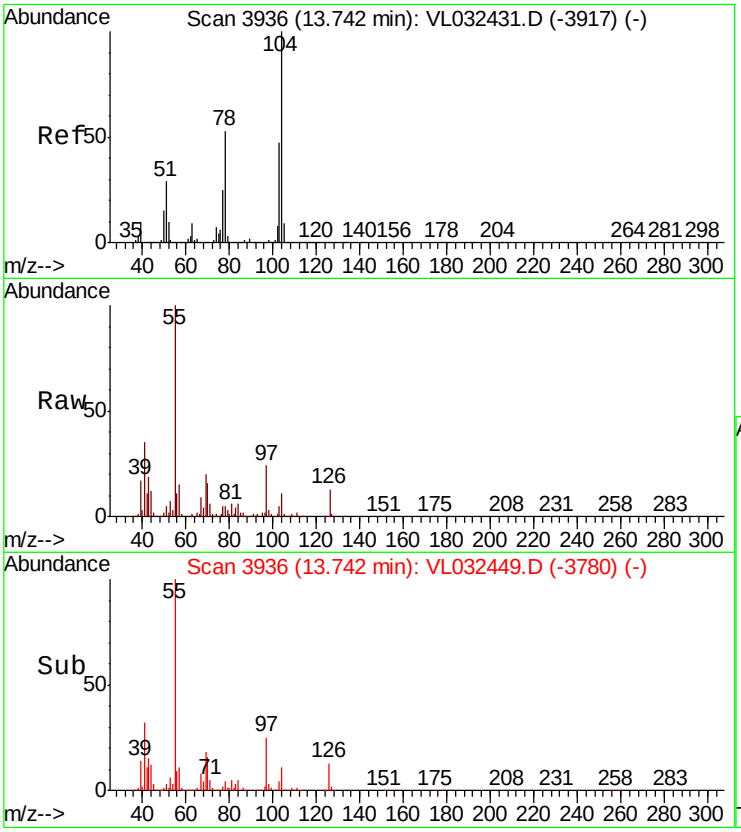


#60
o-Xylene
Concen: 4.691 ppbv
RT: 13.91 min Scan# 3987
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion: 91 Resp: 1524871

Ion	Ratio	Lower	Upper
91	100		
106	45.6	21.9	65.7



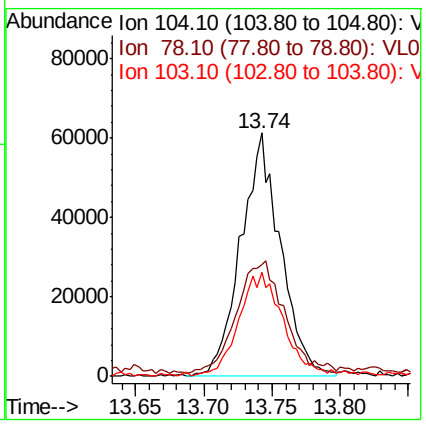


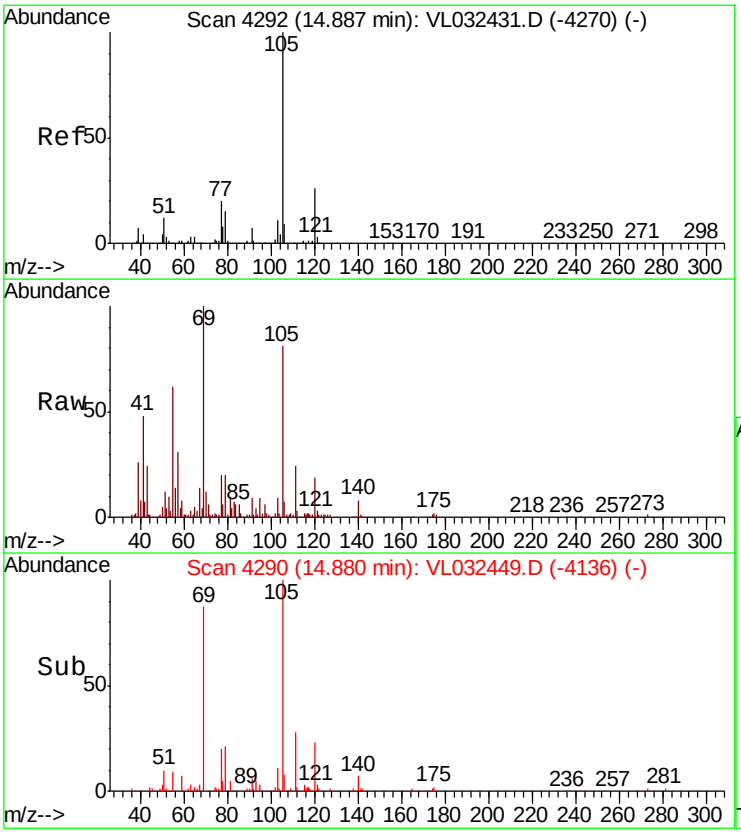
#61
Styrene
Concen: 0.581 ppbv
RT: 13.74 min Scan# 3936
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion:104 Resp: 122186

Ion	Ratio	Lower	Upper
104	100		
78	60.0	41.8	62.8
103	47.3	38.0	57.0

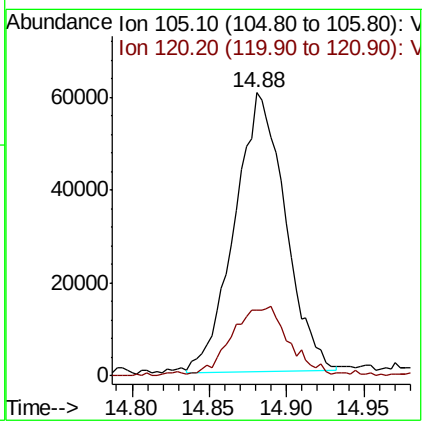


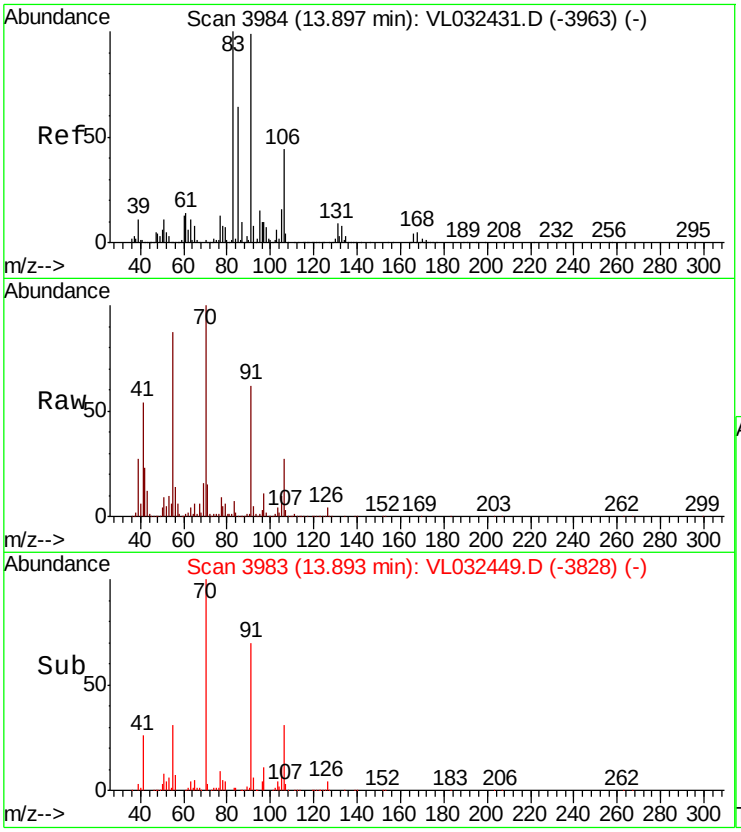


#62
Isopropylbenzene
Concen: 0.300 ppbv
RT: 14.88 min Scan# 4290
Delta R.T. -0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion:105 Resp: 137130

Ion	Ratio	Lower	Upper
105	100		
120	29.2	20.6	31.0



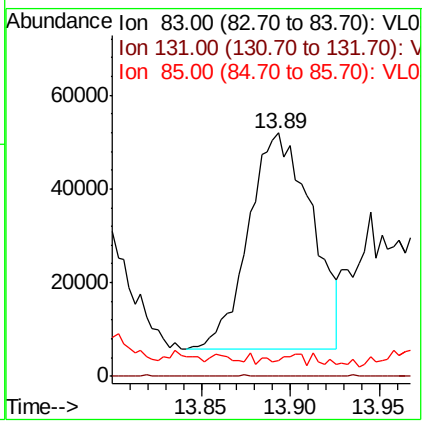


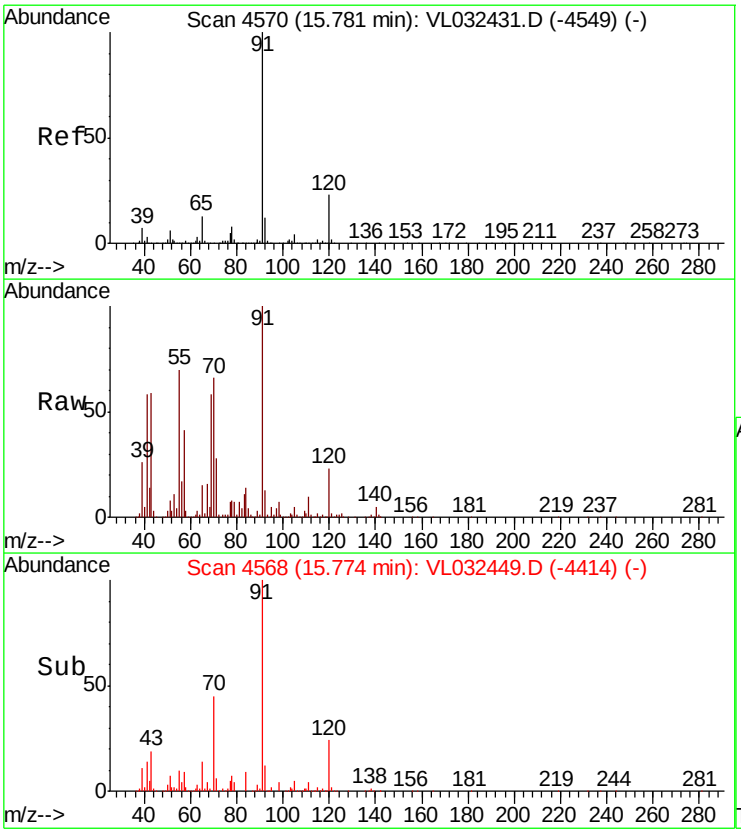
#63
1,1,2,2-Tetrachloroethane
Concen: 0.394 ppbv
RT: 13.89 min Scan# 3983
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 83 Resp: 114483

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	12.8#
85	0.0	32.3	96.8#

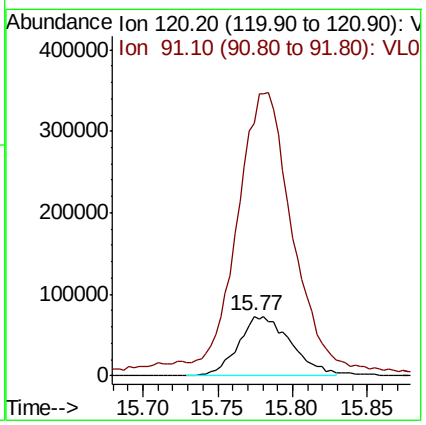


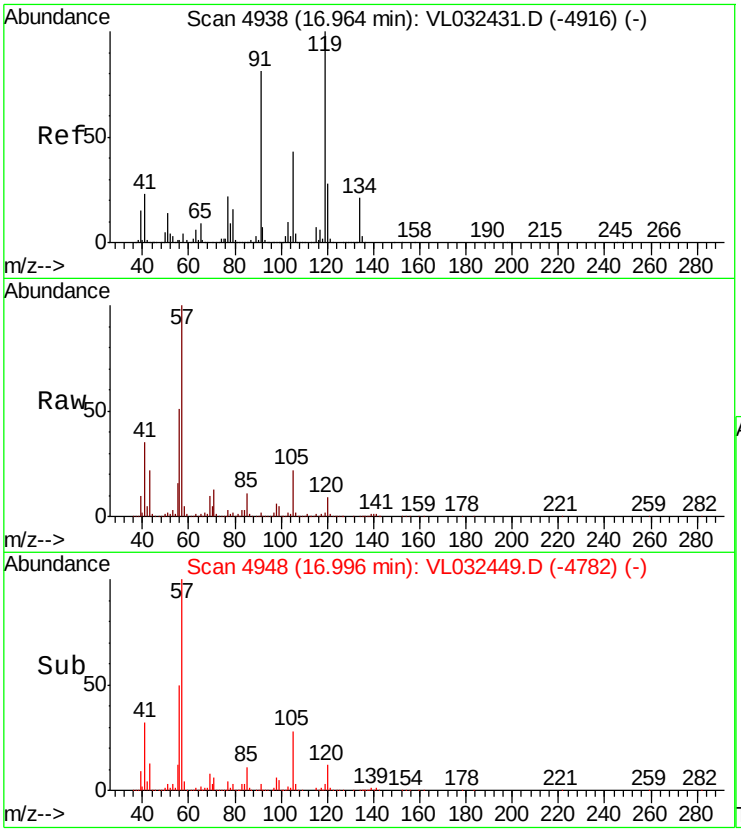


#64
n-propylbenzene
Concen: 1.487 ppbv
RT: 15.77 min Scan# 4568
Delta R.T. -0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion:120 Resp: 177638

Ion	Ratio	Lower	Upper
120	100		
91	509.3	381.8	572.6



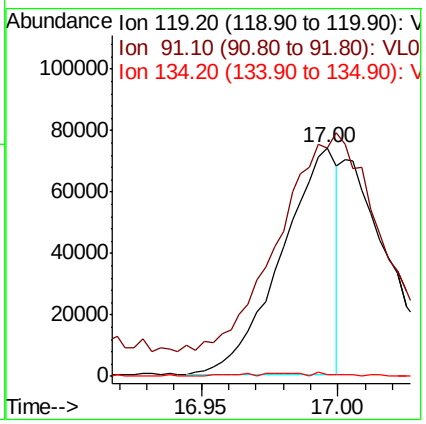


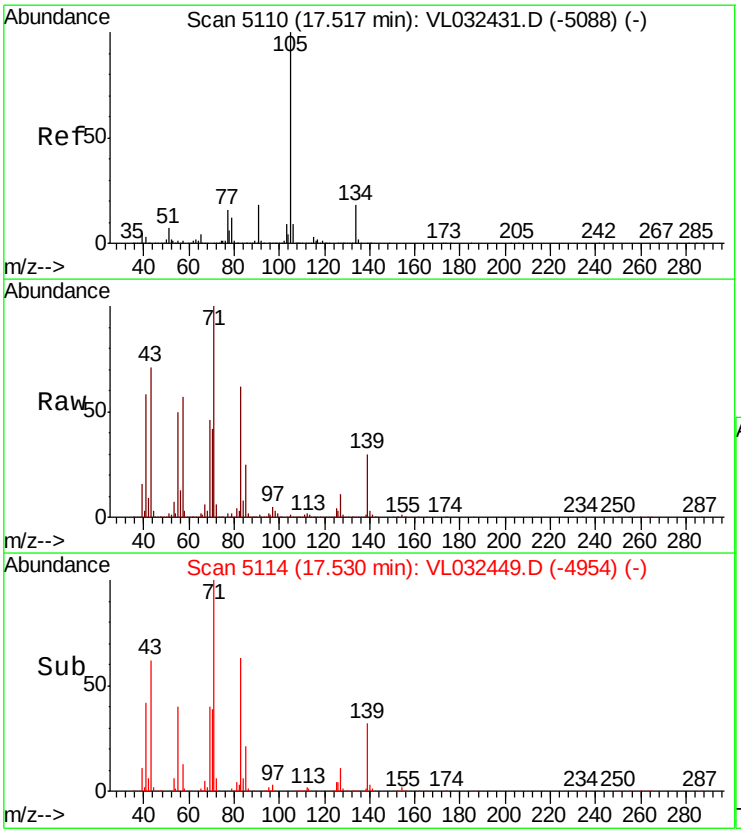
#65
tert-Butylbenzene
Concen: 0.266 ppbv
RT: 17.00 min Scan# 4948
Delta R.T. 0.03 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion:119 Resp: 104628

Ion	Ratio	Lower	Upper
119	100		
91	0.0	66.5	99.7#
134	2.4	16.0	24.0#

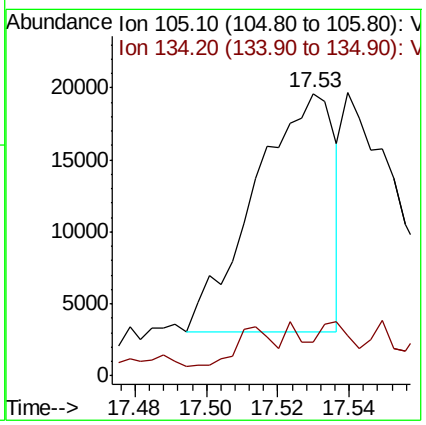


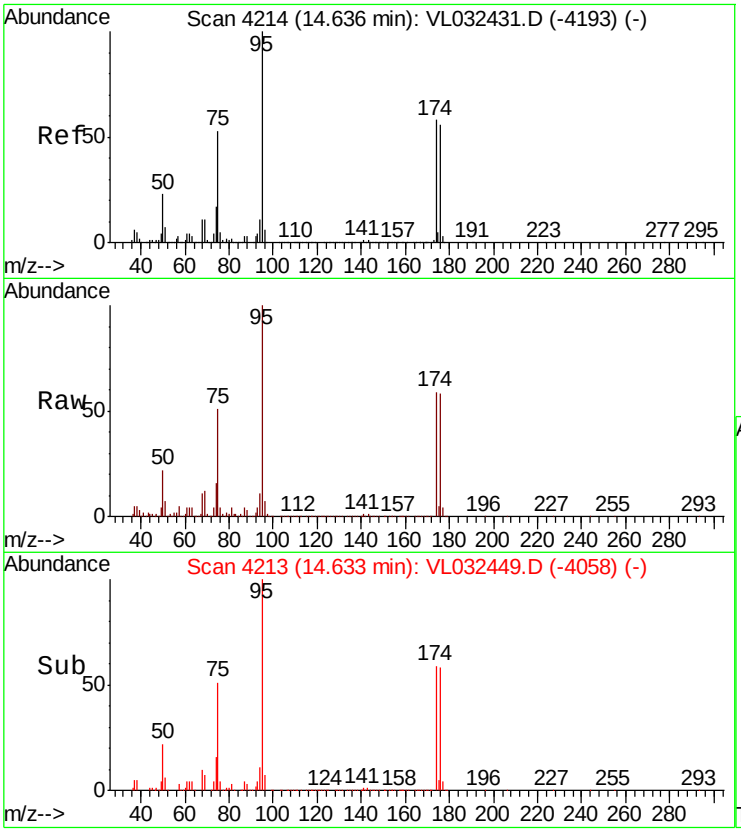


#67
sec-Butylbenzene
Concen: 0.043 ppbv
RT: 17.53 min Scan# 5114
Delta R.T. 0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion:105 Resp: 25669

Ion	Ratio	Lower	Upper
105	100		
134	32.3	14.4	21.6#



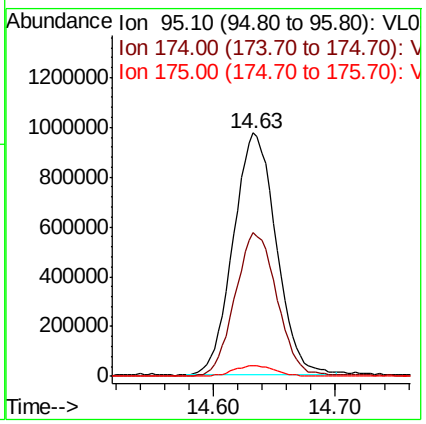


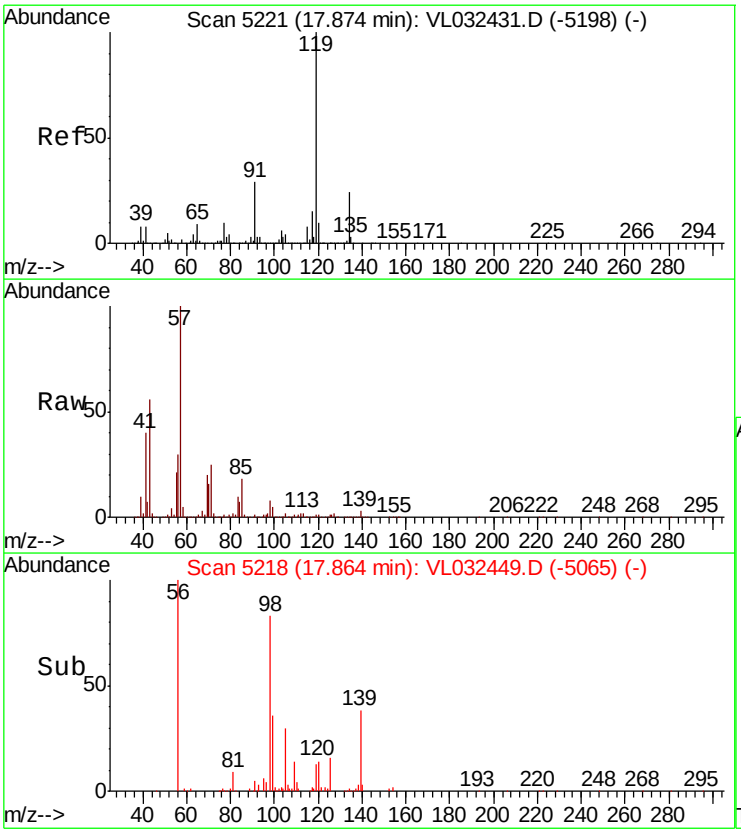
#68
1-Bromo-4-Fluorobenzene
Concen: 10.319 ppbv
RT: 14.63 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion: 95 Resp: 2376436

Ion	Ratio	Lower	Upper
95	100		
174	58.8	46.3	69.5
175	4.4	3.4	5.0

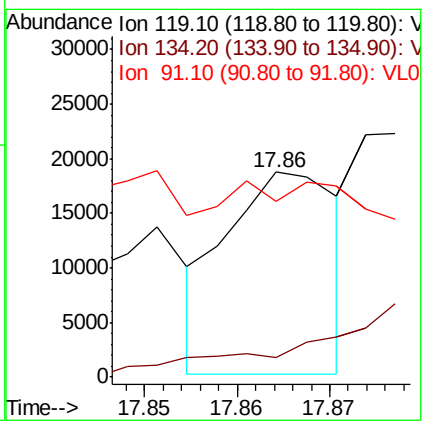


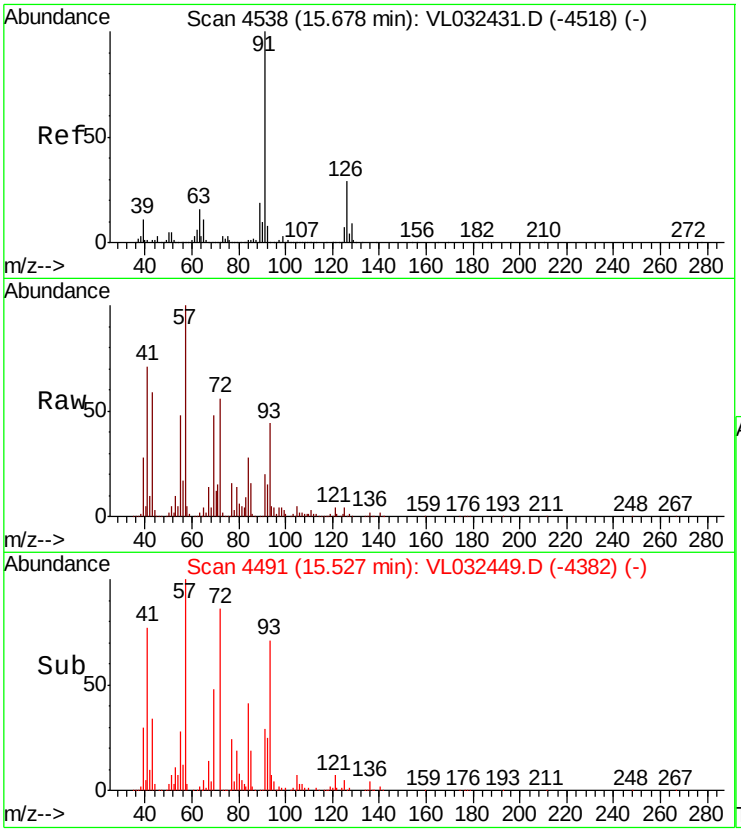


#69
p-Isopropyltoluene
Concen: 0.033 ppbv
RT: 17.86 min Scan# 5218
Delta R.T. -0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion:119 Resp: 15334

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	0.0	23.4	35.2#



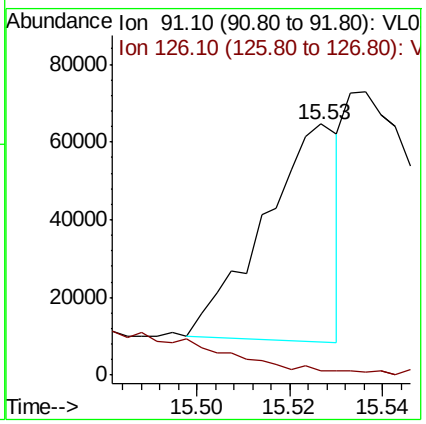


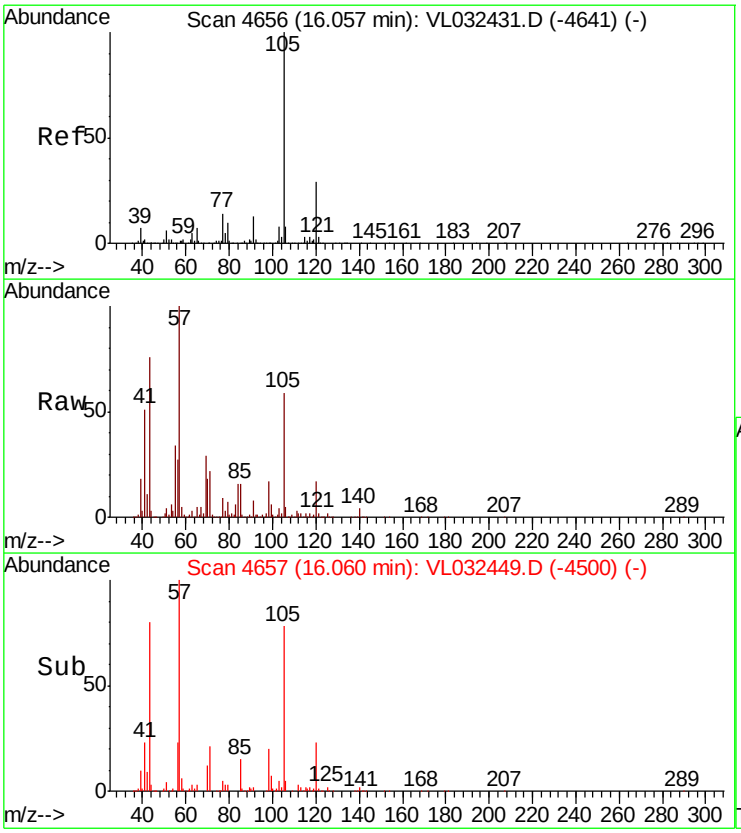
#71
2-Chlorotoluene
Concen: 0.179 ppbv
RT: 15.53 min Scan# 4491
Delta R.T. -0.15 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument : MSVOA_L
ClientSampleId : VP-03

Tgt Ion: 91 Resp: 62390

Ion	Ratio	Lower	Upper
91	100		
126	44.3	11.9	47.7

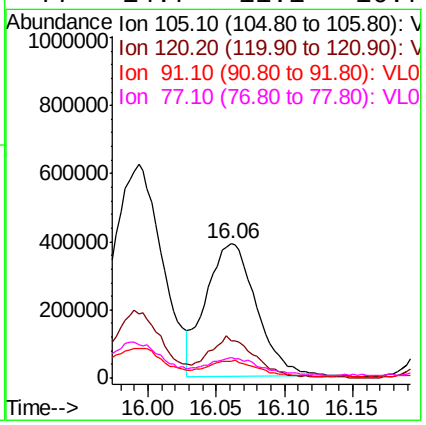


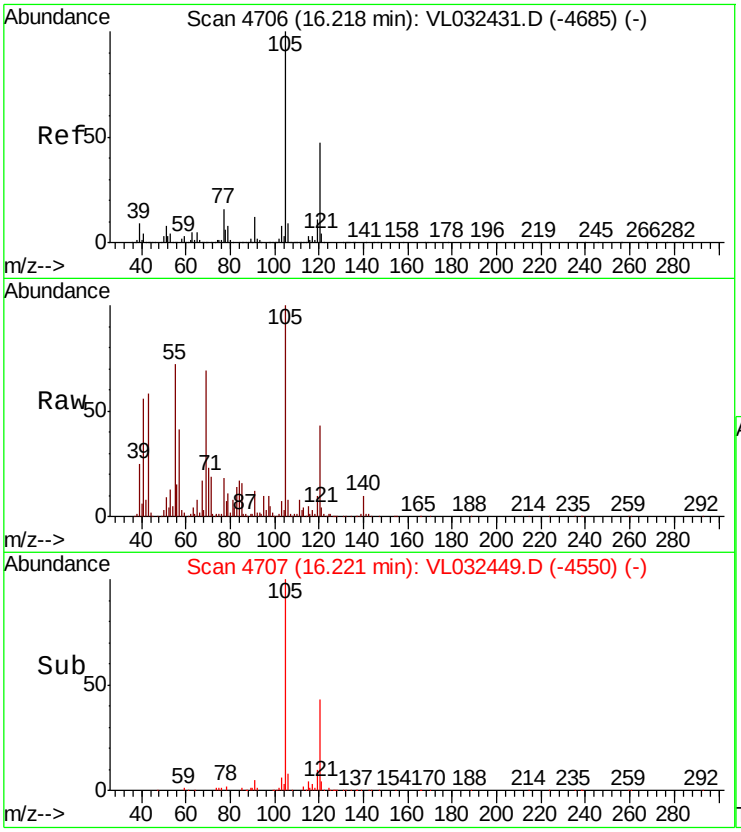


#72
4-Ethyltoluene
Concen: 2.816 ppbv
RT: 16.06 min Scan# 4657
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion:105 Resp: 999655

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.5	35.3
91	11.9	10.2	15.2
77	14.7	11.1	16.7



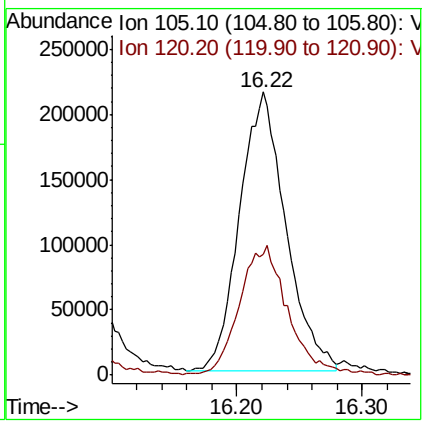


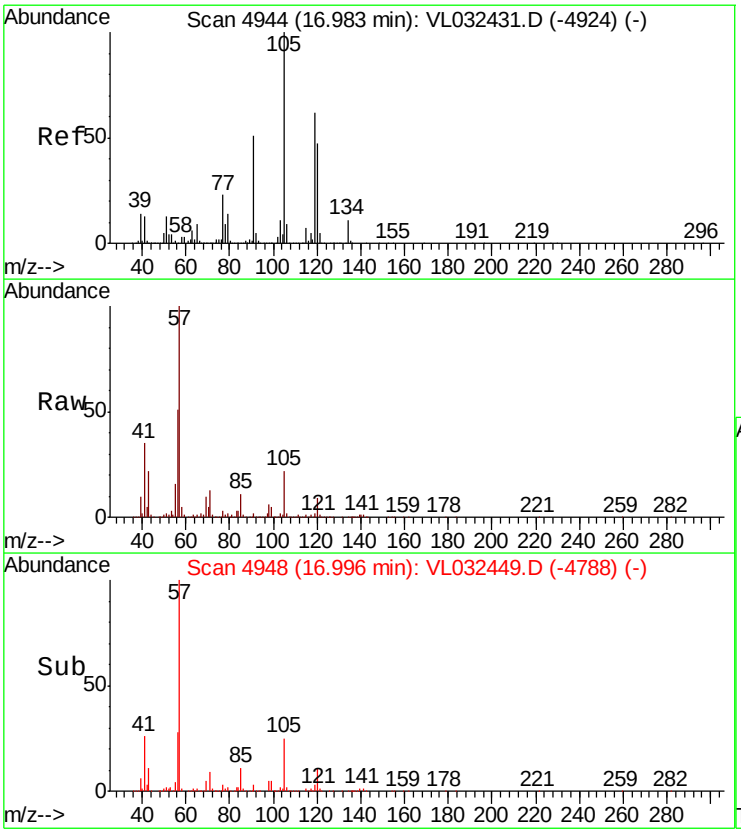
#73
1,3,5-Trimethylbenzene
Concen: 1.538 ppbv
RT: 16.22 min Scan# 4707
Delta R.T. 0.00 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion:105 Resp: 546936

Ion	Ratio	Lower	Upper
105	100		
120	42.2	37.9	56.9

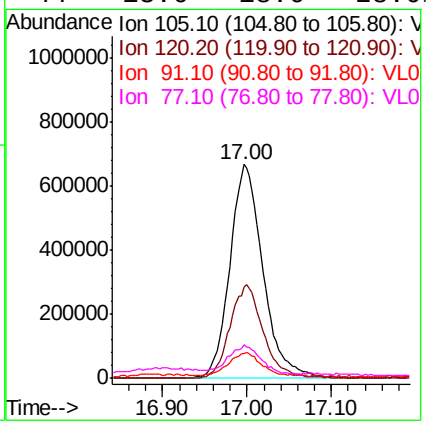


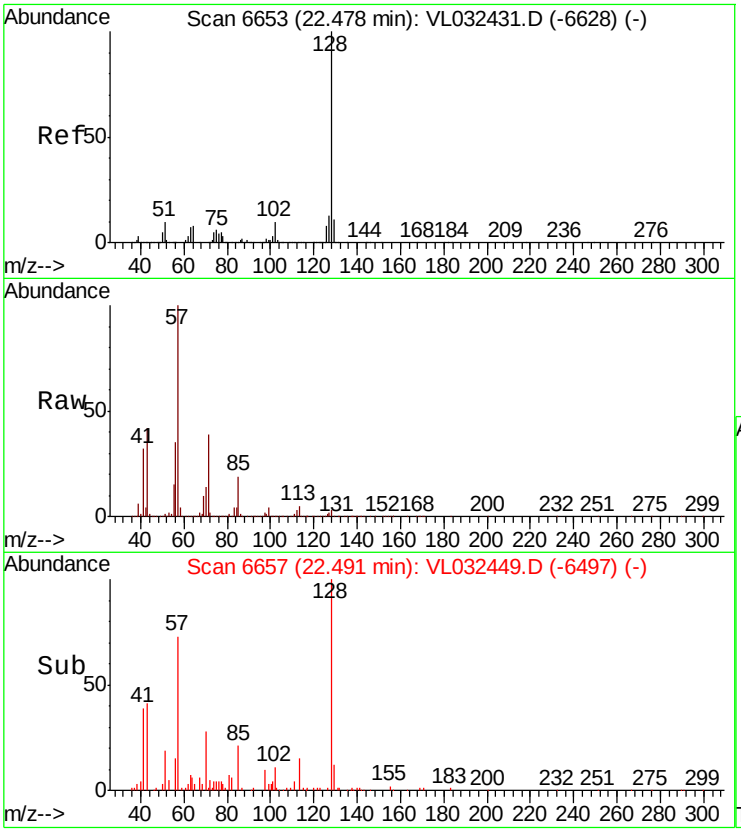


#74
1,2,4-Trimethylbenzene
Concen: 4.653 ppbv
RT: 17.00 min Scan# 4948
Delta R.T. 0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Tgt Ion:105 Resp: 1808730

Ion	Ratio	Lower	Upper
105	100		
120	42.4	37.8	56.8
91	10.2	41.4	62.0#
77	13.6	18.6	28.0#





#79
Naphthalene
Concen: 0.481 ppbv
RT: 22.49 min Scan# 6657
Delta R.T. 0.01 min
Lab File: VL032449.D
Acq: 31 Aug 2018 20:29

Instrument :
MSVOA_L
ClientSampleId :
VP-03

Tgt Ion:128 Resp: 151992

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.5	12.7