Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\

Quantitation Report (Not Reviewed)

Data File : VL034726.D
Acq On : 28 Feb 2020 2:36
Operator : SY/AP
Sample : L1661-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-4-STORAGE-ROOM-NEXT-TO-C

Quant Time: Feb 28 03:30:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1120578	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2318763	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	2321183	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	1932291	10.15	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	103815	0.587	ppbv		89
3) Chlorodifluoromethane	2.93	51	5824043	48.160	ppbv	#	58
4) Chloromethane	3.11	50	18800	0.278	ppbv	#	85
5) Vinyl Chloride	3.23	62	2898	0.044	ppbv		90
7) Chloroethane	3.53	64	5214	0.211	ppbv		91
8) Dichlorotetrafluoroethane	3.16	85	3951	0.025	ppbv		99
9) Propene	2.98	41	41925	0.829	ppbv		96
10) Heptane	8.14	43	37702	0.290	ppbv		95
11) Trichlorofluoromethane	3.93	101	39426	0.255	ppbv		85
12) 1,1,2-Trichlorotrifluoroet	4.46	101	3392	0.031	ppbv	#	15
13) Ethanol	3.59	45	1839193	115.171	ppbv		97
15) Acetone	3.83	43	1659093	12.993	ppbv		99
16) 1,3-Butadiene	3.27	39	71706	1.213	ppbv	#	13
17) tert-Butyl alcohol	4.29	59	318548	3.256	ppbv		99
19) Isopropyl Alcohol	3.96	45	2767725	36.390	ppbv	#	98
20) Methylene Chloride	4.33	84	162415	3.420	ppbv		95
21) Allyl Chloride	4.34	41	3752	0.044	ppbv	#	20
22) trans-1,2-Dichloroethene	4.87	96	3637	0.076	ppbv	#	32
23) Vinyl Acetate	5.05	43	67825	0.391	ppbv	#	78
24) 1,1-Dichloroethane	5.00	63	6315	0.046	ppbv	#	96
25) Ethyl Acetate	5.68	43	134747	0.596	ppbv	#	91
26) Hexane	5.69	57	122251	1.173	ppbv	#	57
27) Carbon Disulfide	4.54	76	15871	0.134	ppbv	#	46
29) Chloroform	5.75	83	68542	0.413	ppbv		92
30) Cyclohexane	7.14	84	15200	0.188	ppbv	#	78
31) cis-1,2-Dichloroethene	5.55	61	115064	1.122	ppbv		88
34) 2-Butanone	5.24	43	270337	1.852	ppbv		99
35) Carbon Tetrachloride	7.02	117	11082	0.071	ppbv	#	63
36) Benzene	6.90	78	57624	0.288	ppbv	#	85
38) Trichloroethene	7.85	130	571573	7.404	ppbv		98
39) 1,2-Dichloropropane	7.19	63	649683	8.154	ppbv	#	24
41) Tetrahydrofuran	6.06	42	141835	1.841	ppbv		99
44) 2,2,4-Trimethylpentane	7.88	57	137328	0.392	ppbv	#	79
50) 4-Methyl-2-Pentanone	8.77	43	79798	0.386	ppbv		95
52) Tetrachloroethene	11.26	164	4141	0.056	ppbv	#	55
53) Toluene	9.83	91	748491	3.514	ppbv		99
58) Ethyl Benzene	12.74	91	165277	0.589	ppbv		90
59) m/p-Xylene	13.00	91	506750	2.069	ppbv		99
60) o-Xylene	13.73	91	212538	0.874	ppbv		95
61) Styrene	13.56	104	3501	0.022	ppbv	#	1
64) n-propylbenzene	15.60	120	4060	0.044	ppbv	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\

Quantitation Report (Not Reviewed)

Data File : VL034726.D
Acq On : 28 Feb 2020 2:36
Operator : SY/AP
Sample : L1661-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-4-STORAGE-ROOM-NEXT-TO-C

Quant Time: Feb 28 03:30:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) tert-Butylbenzene	16.80	119	16712	0.055	ppbv	#	16
69) p-Isopropyltoluene	17.70	119	386745	1.066	ppbv		97
72) 4-Ethyltoluene	15.88	105	34307	0.127	ppbv	#	55
73) 1,3,5-Trimethylbenzene	16.04	105	65855	0.253	ppbv	#	73
74) 1,2,4-Trimethylbenzene	16.81	105	279597	0.973	ppbv	#	67
76) 1,4-Dichlorobenzene	17.18	146	9778	0.059	ppbv	#	1
79) Naphthalene	22.27	128	10109	0.040	ppbv	#	81

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

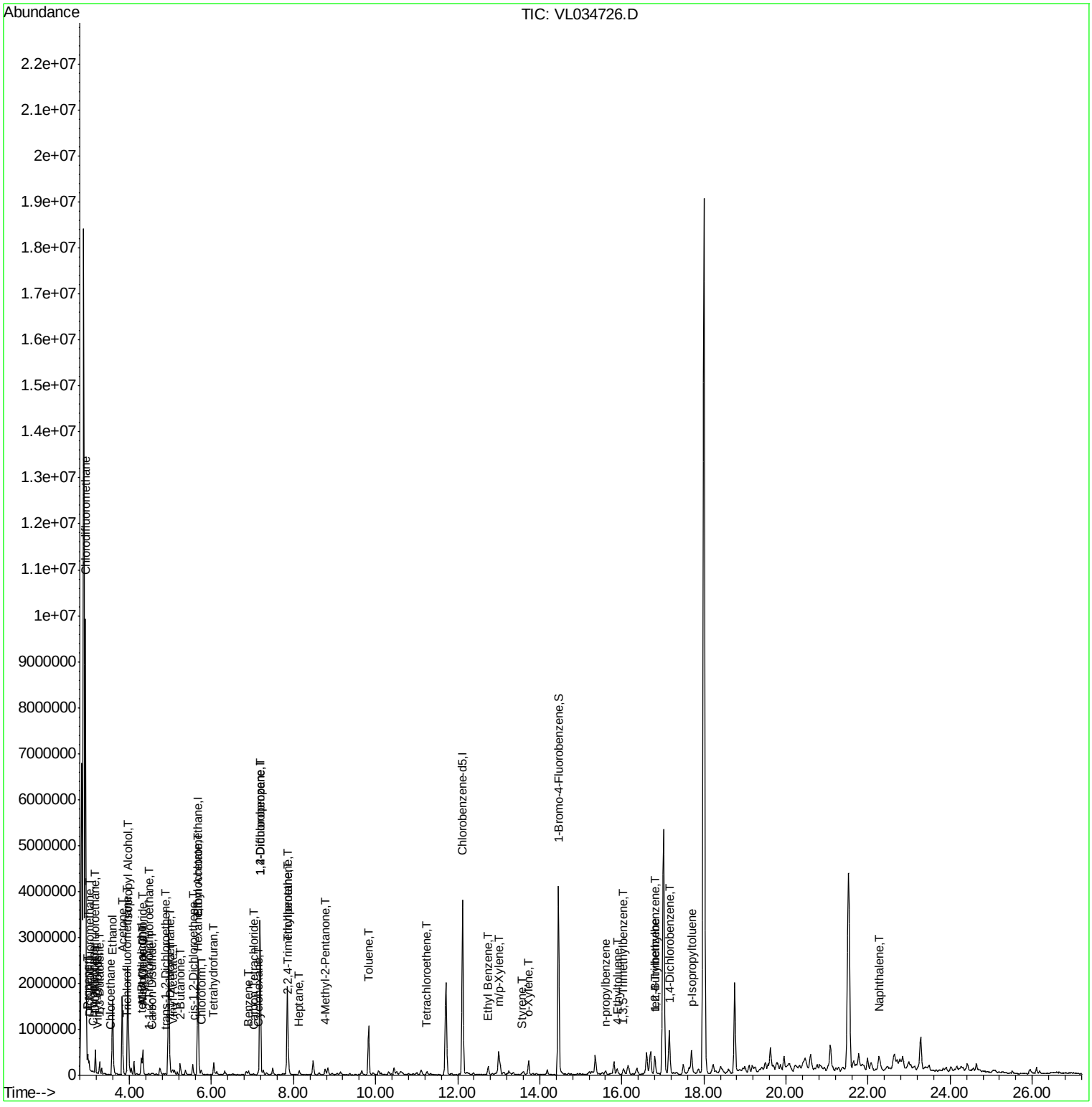
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\

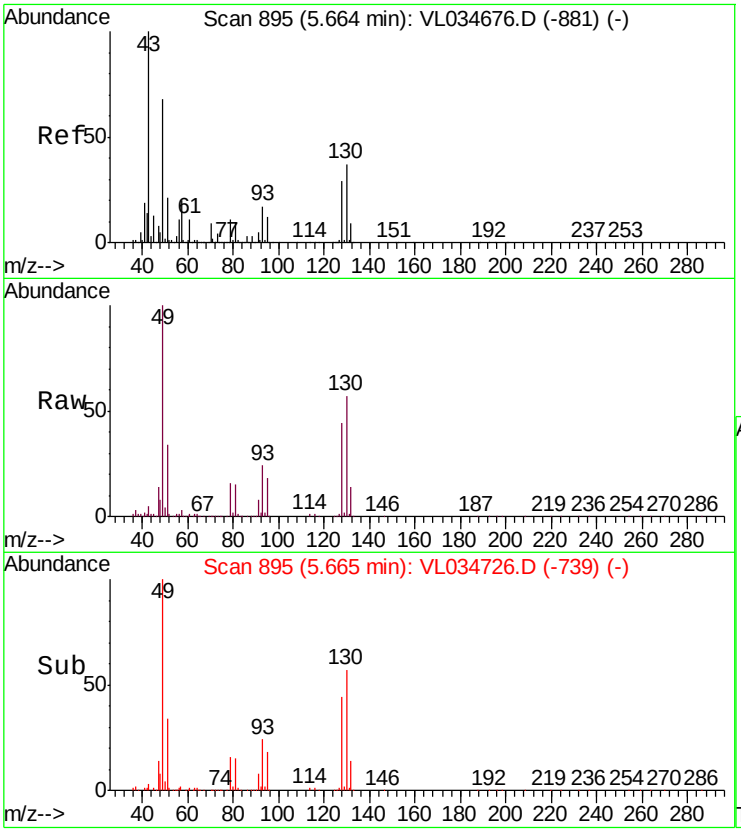
Quantitation Report (Not Reviewed)

Data File : VL034726.D
Acq On : 28 Feb 2020 2:36
Operator : SY/AP
Sample : L1661-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Quant Time: Feb 28 03:30:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration



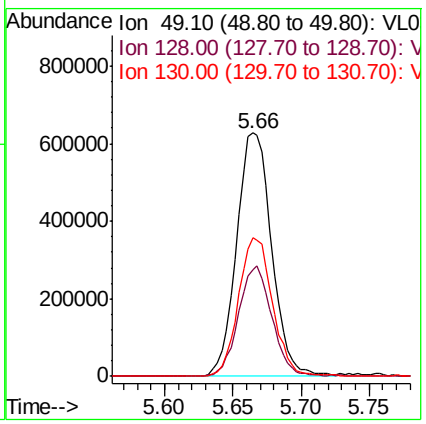


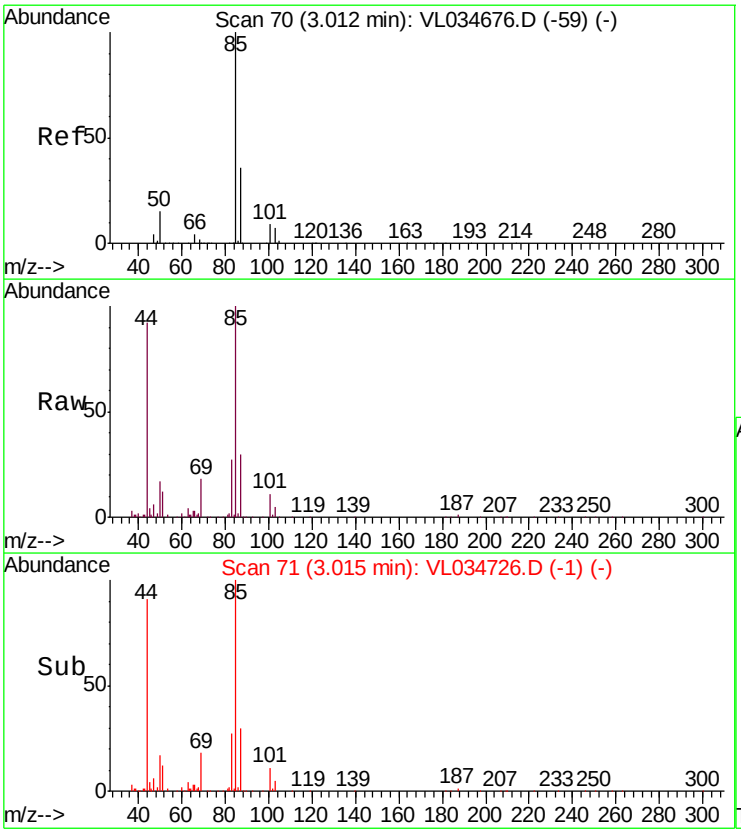
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 49 Resp: 1120578

Ion	Ratio	Lower	Upper
49	100		
128	43.7	21.6	65.0
130	55.5	27.7	83.1

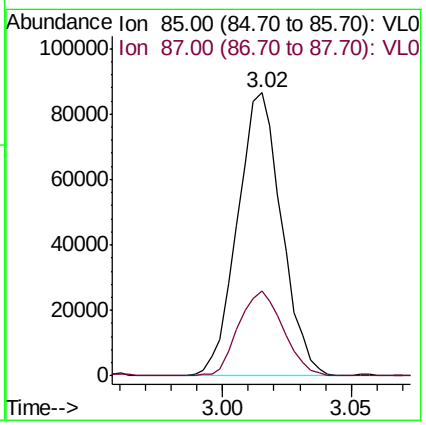


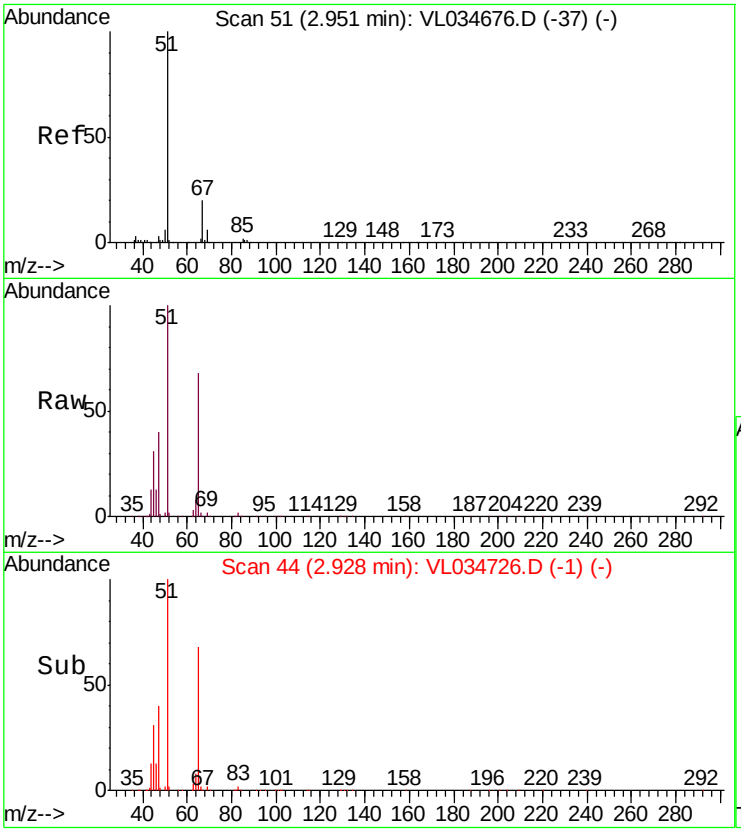


#2
Dichlorodifluoromethane
Concen: 0.587 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 85 Resp: 103815

Ion	Ratio	Lower	Upper
85	100		
87	29.9	29.2	43.8



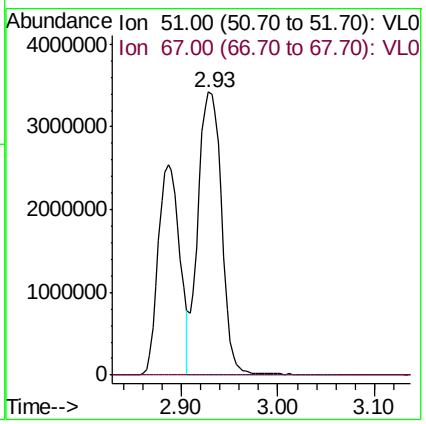


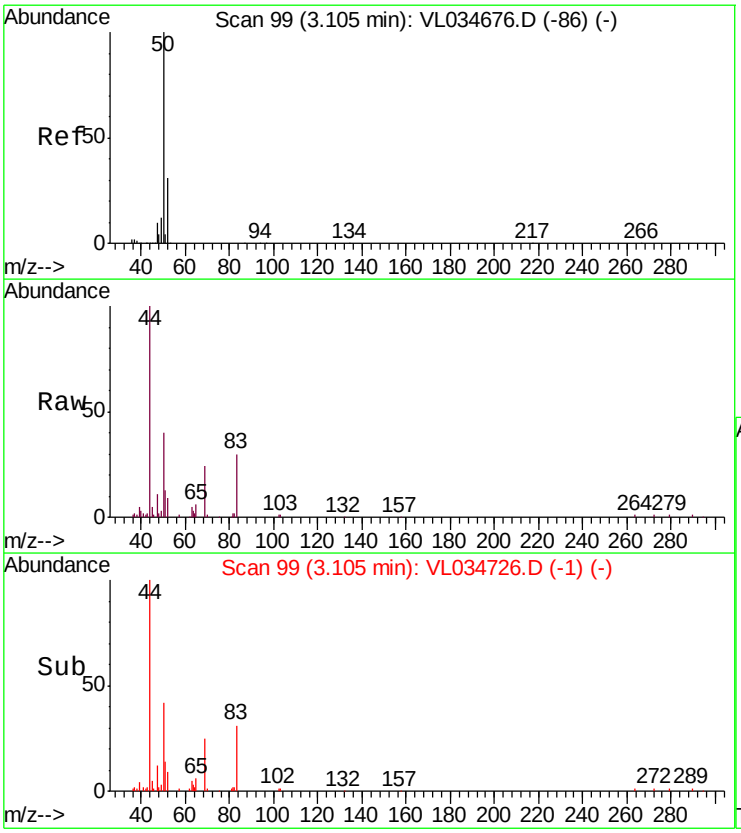
#3
Chlorodifluoromethane
Concen: 48.160 ppbv
RT: 2.93 min Scan# 44
Delta R.T. -0.02 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 51 Resp: 5824043

Ion	Ratio	Lower	Upper
51	100		
67	0.2	15.5	23.3#

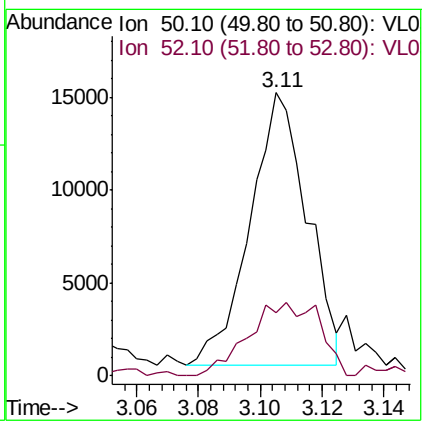


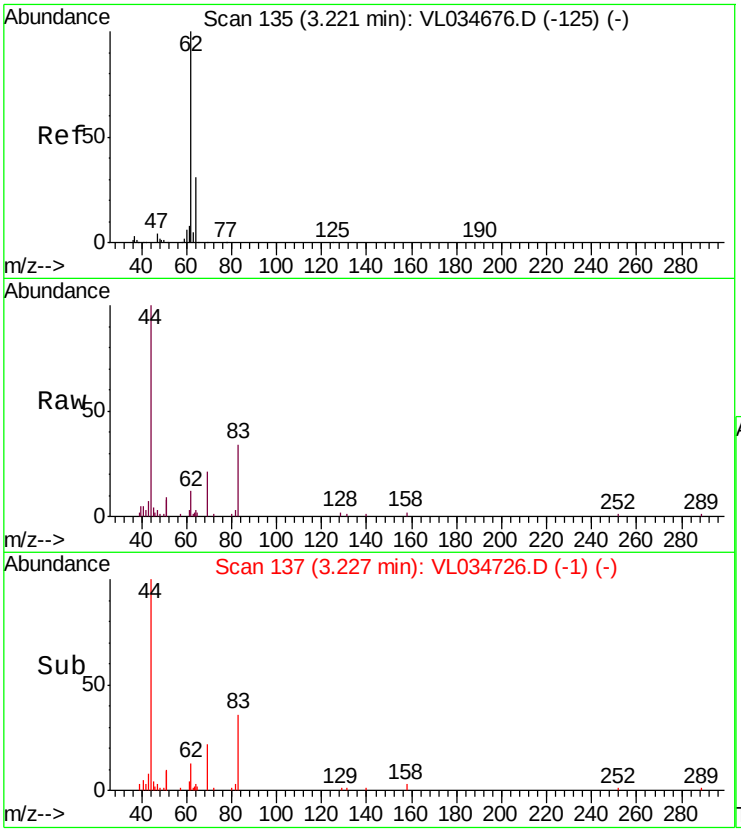


#4
Chloromethane
Concen: 0.278 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 50 Resp: 18800

Ion	Ratio	Lower	Upper
50	100		
52	23.1	25.0	37.4#



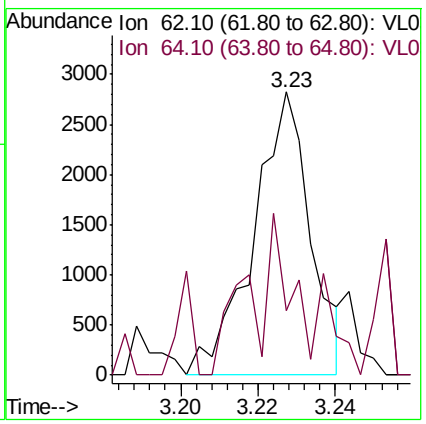


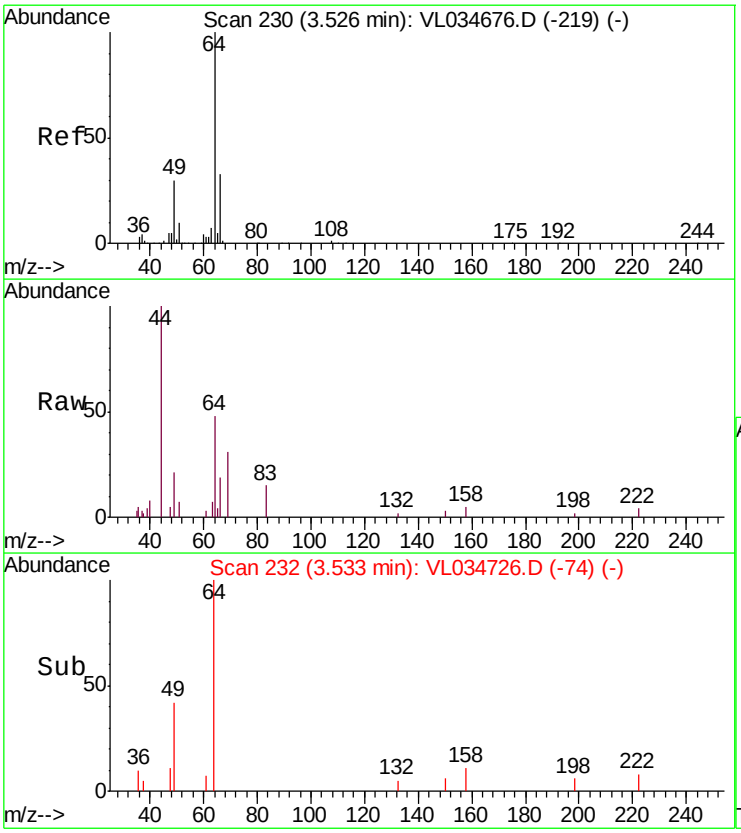
#5
Vinyl Chloride
Concen: 0.044 ppbv
RT: 3.23 min Scan# 137
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 62 Resp: 2898

Ion	Ratio	Lower	Upper
62	100		
64	25.4	24.7	37.1

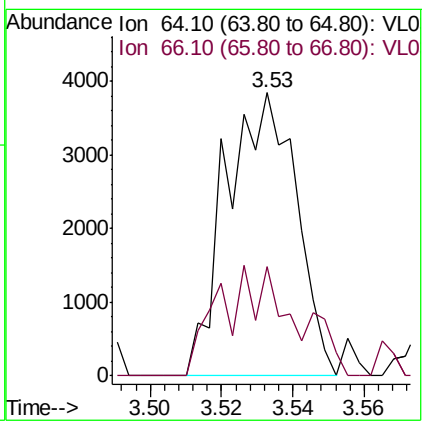


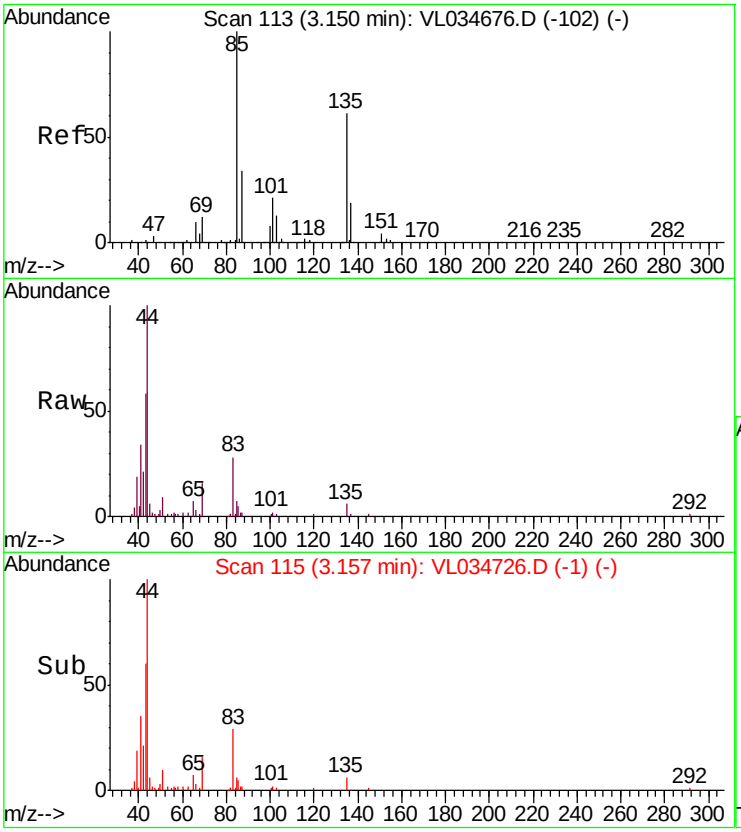


#7
Chloroethane
Concen: 0.211 ppbv
RT: 3.53 min Scan# 232
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 64 Resp: 5214

Ion	Ratio	Lower	Upper
64	100		
66	38.5	26.7	40.1



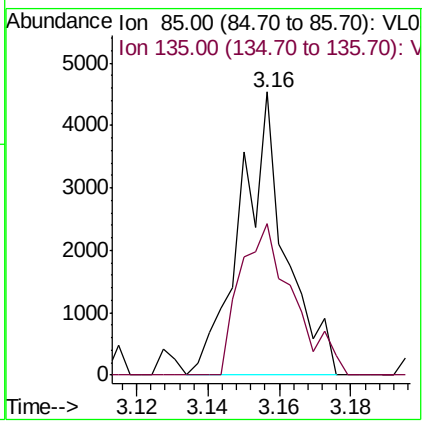


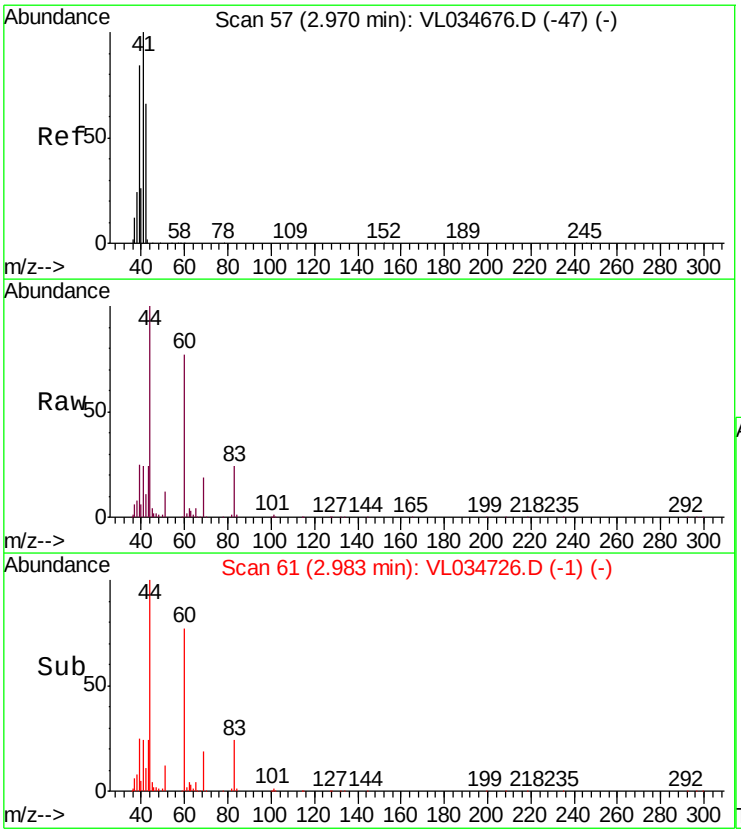
#8
Dichlorotetrafluoroethane
Concen: 0.025 ppbv
RT: 3.16 min Scan# 115
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 85 Resp: 3951

Ion	Ratio	Lower	Upper
85	100		
135	63.0	49.8	74.6

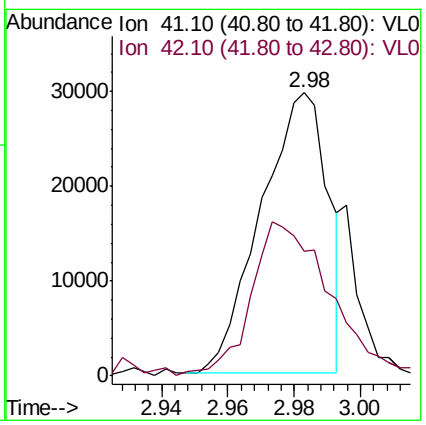


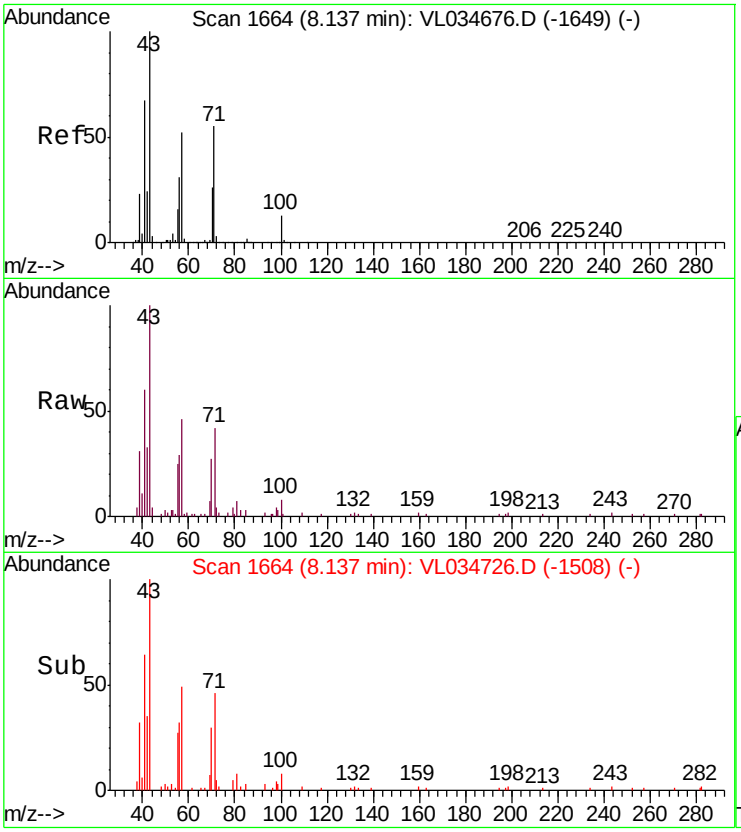


#9
Propene
Concen: 0.829 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 41 Resp: 41925

Ion	Ratio	Lower	Upper
41	100		
42	65.1	54.9	82.3



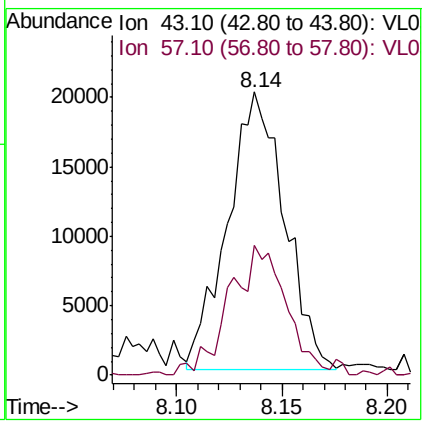


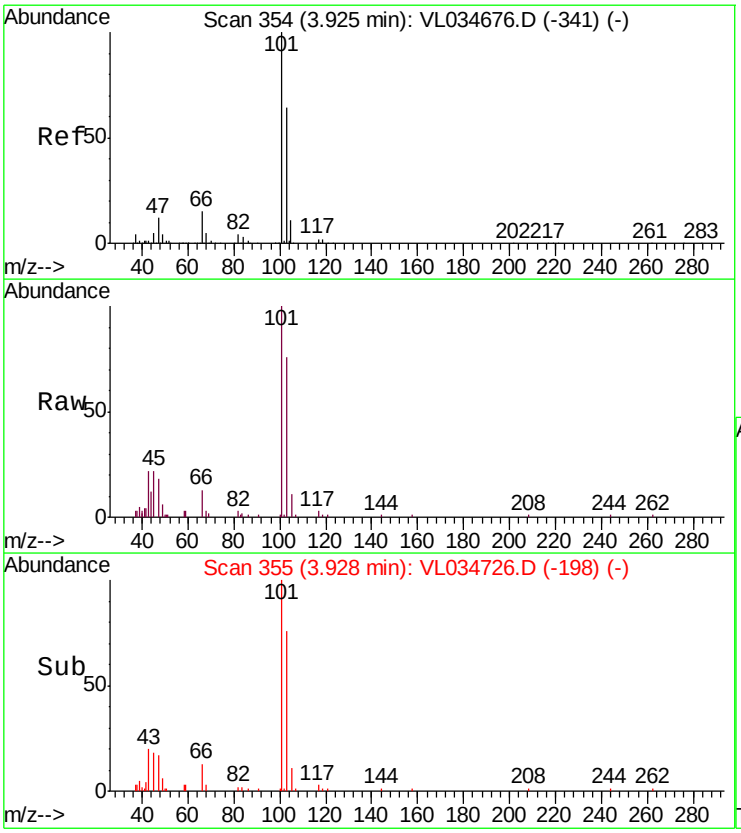
#10
Heptane
Concen: 0.290 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 43 Resp: 37702

Ion	Ratio	Lower	Upper
43	100		
57	47.7	41.0	61.6

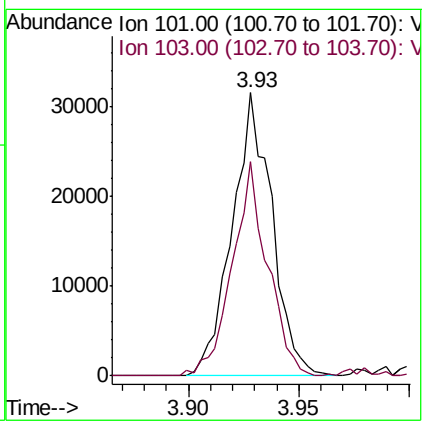


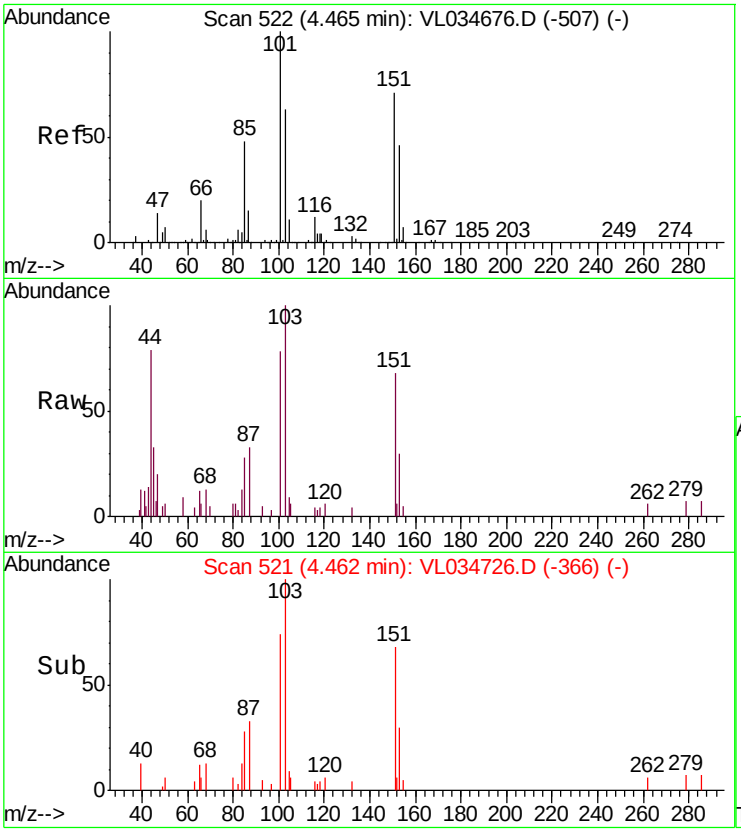


#11
Trichlorofluoromethane
Concen: 0.255 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:101 Resp: 39426

Ion	Ratio	Lower	Upper
101	100		
103	75.8	51.2	76.8



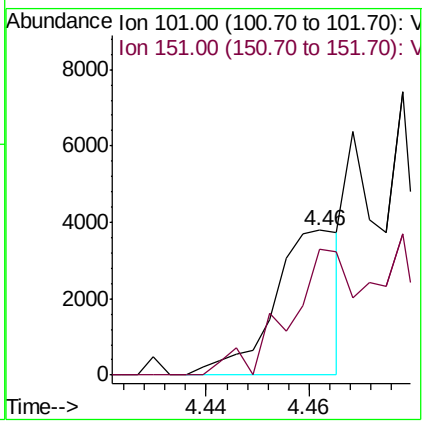


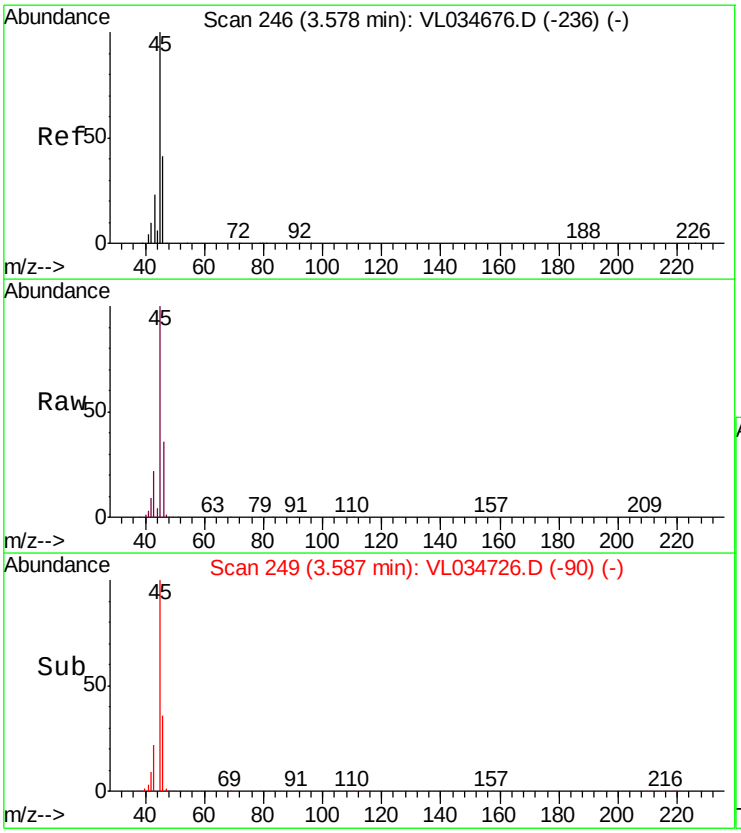
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.031 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:101 Resp: 3392

Ion	Ratio	Lower	Upper
101	100		
151	0.0	55.8	83.6#

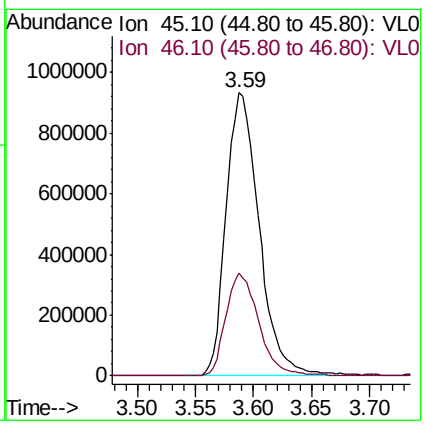


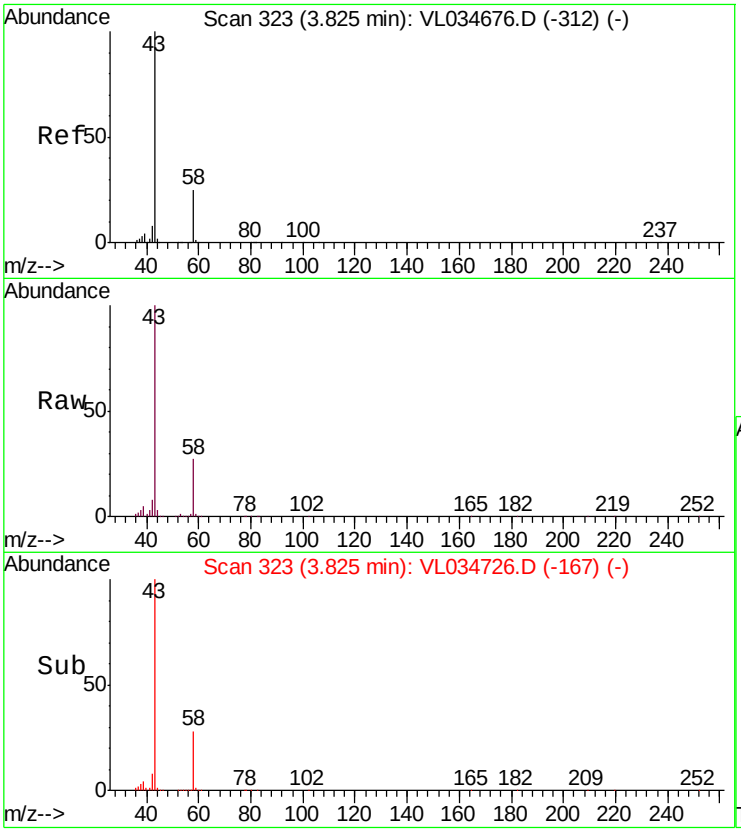


#13
Ethanol
Concen: 115.171 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 45 Resp: 1839193

Ion	Ratio	Lower	Upper
45	100		
46	36.7	15.4	61.4



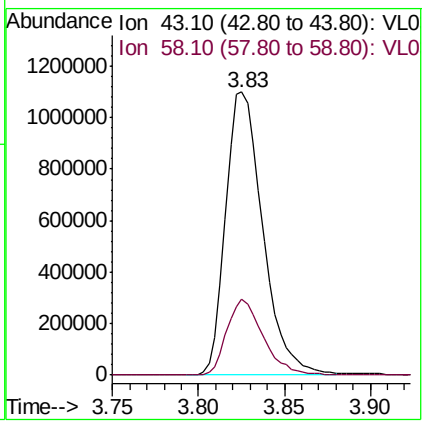


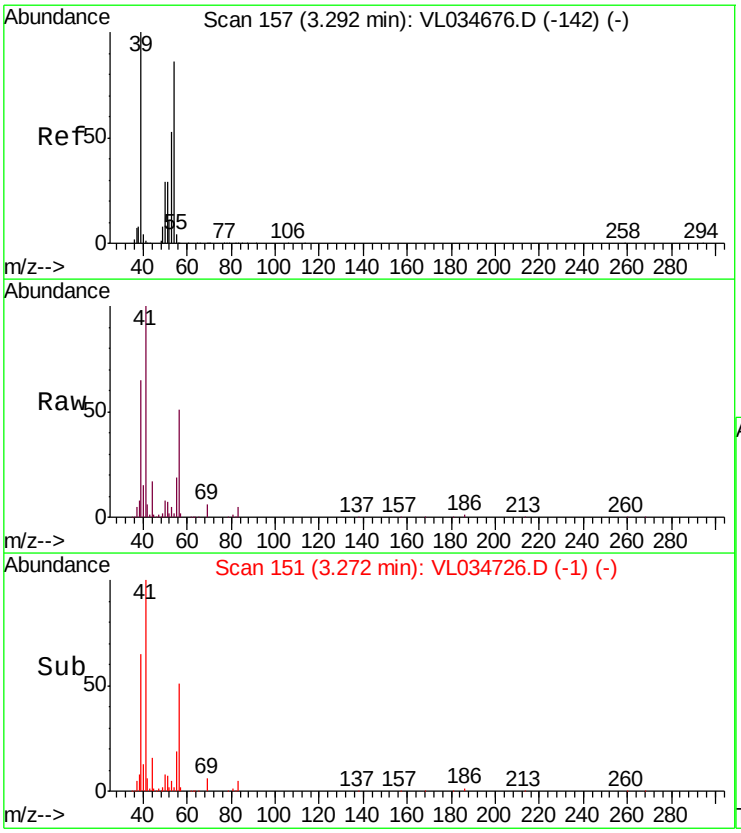
#15
Acetone
Concen: 12.993 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 43 Resp: 1659093

Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.4	32.0

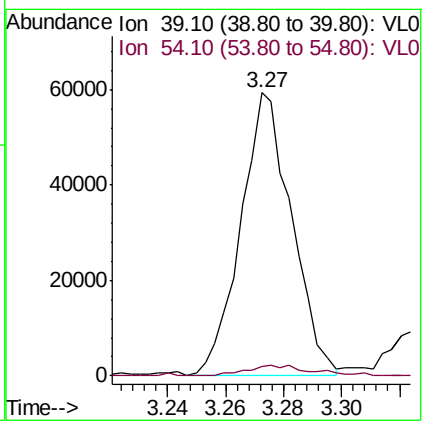


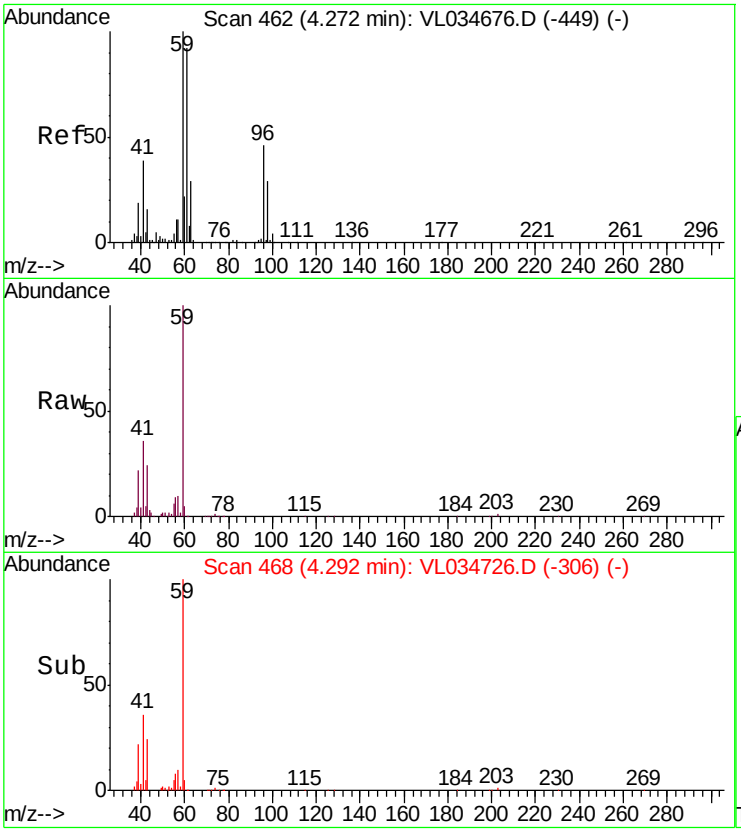


#16
1,3-Butadiene
Concen: 1.213 ppbv
RT: 3.27 min Scan# 151
Delta R.T. -0.02 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 39 Resp: 71706

Ion	Ratio	Lower	Upper
39	100		
54	5.0	67.0	100.6#



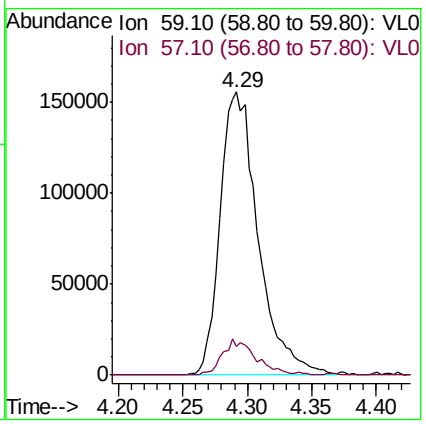


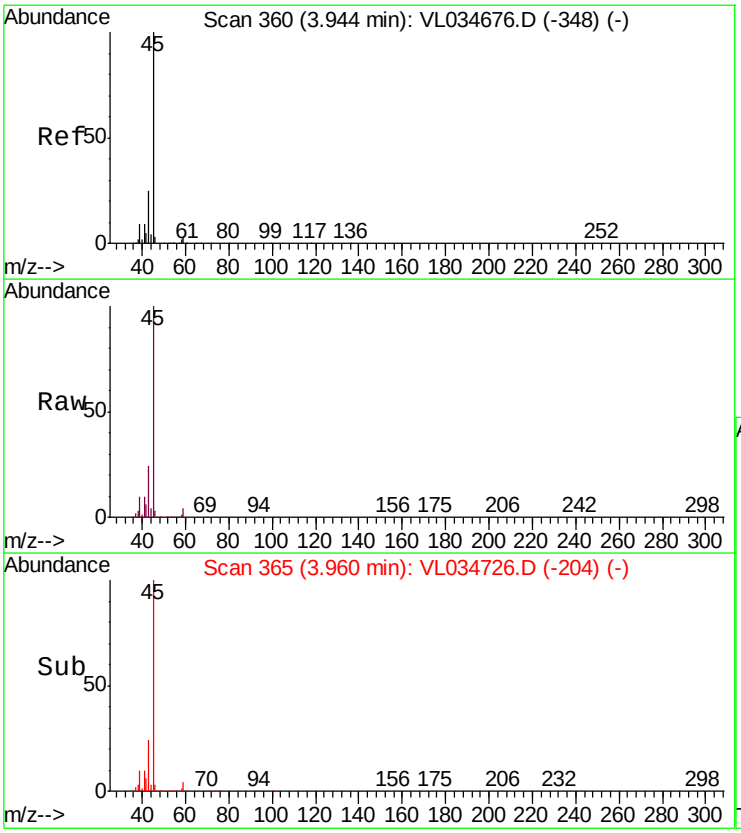
#17
tert-Butyl alcohol
Concen: 3.256 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.02 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 59 Resp: 318548

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.8	13.2

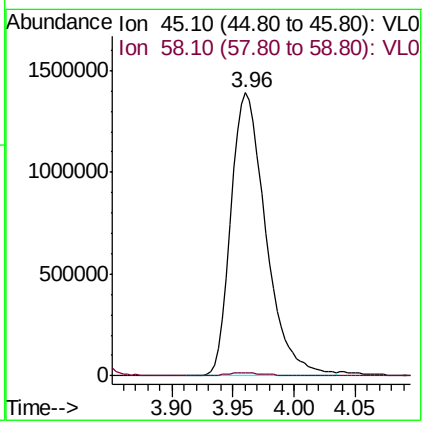


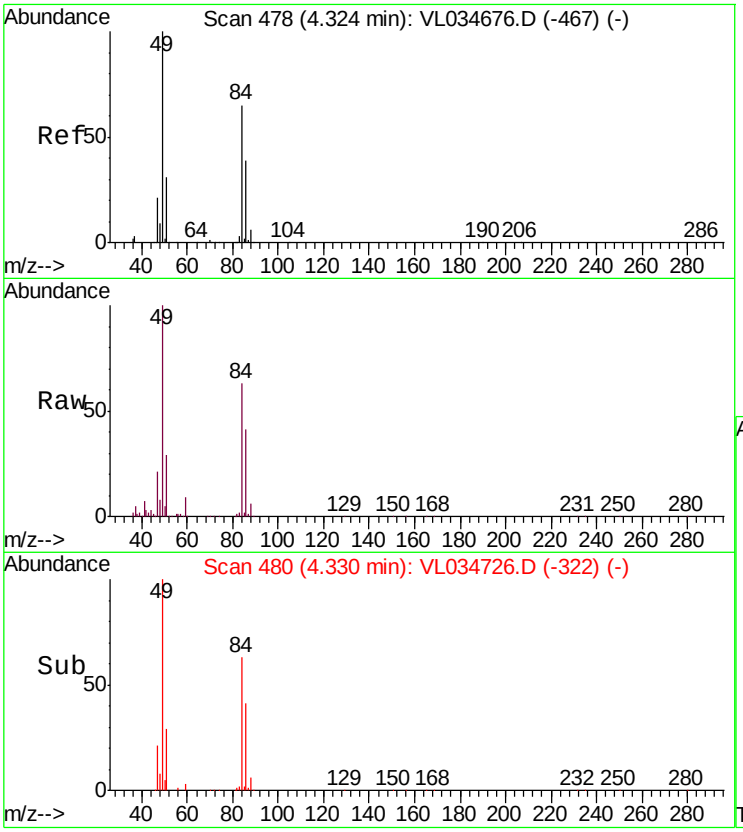


#19
Isopropyl Alcohol
Concen: 36.390 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.02 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 45 Resp: 2767725

Ion	Ratio	Lower	Upper
45	100		
58	1.4	1.8	2.6#



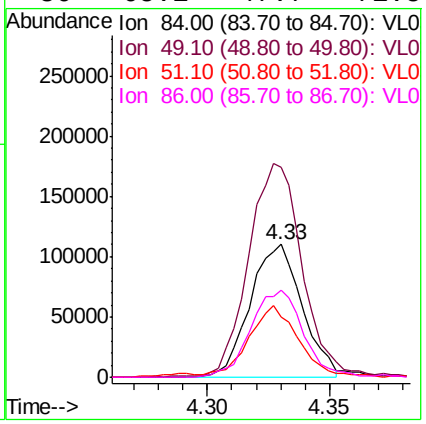


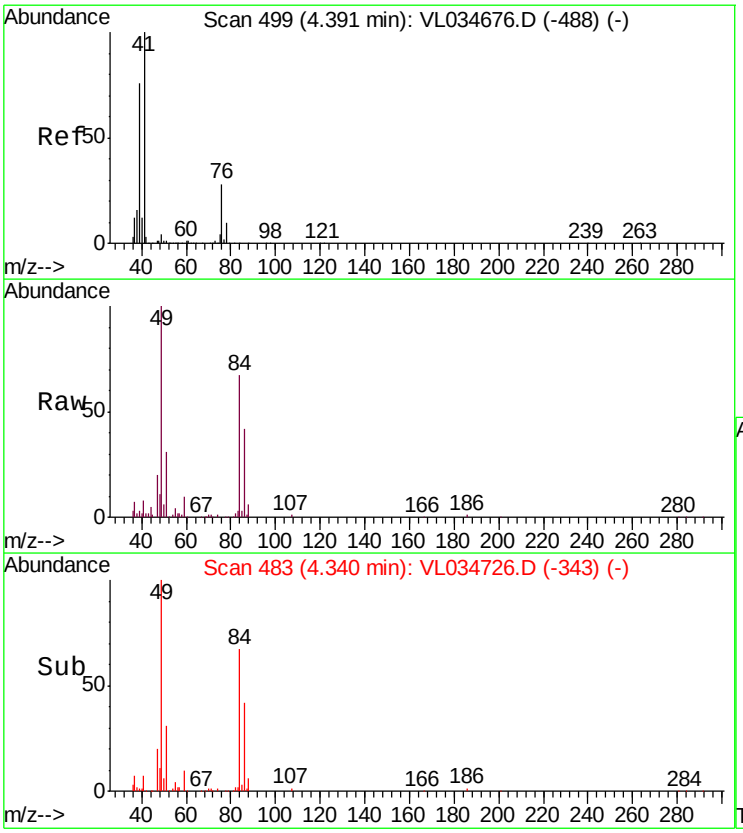
#20
Methylene Chloride
Concen: 3.420 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 84 Resp: 162415

Ion	Ratio	Lower	Upper
84	100		
49	156.8	122.8	184.2
51	43.1	38.6	58.0
86	65.1	47.7	71.5

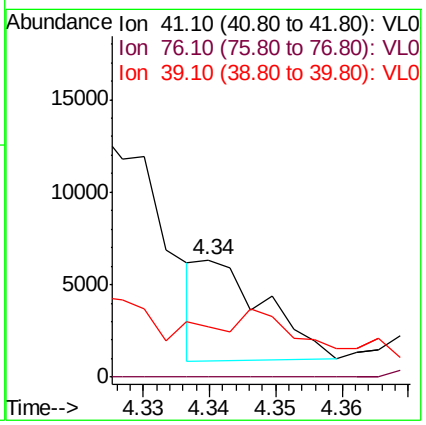


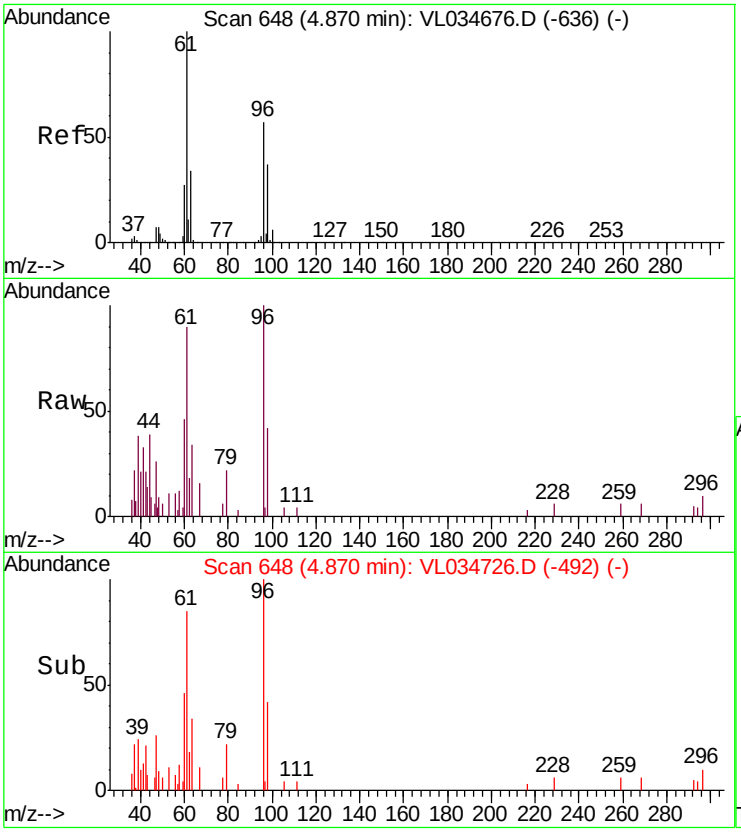


#21
Allyl Chloride
Concen: 0.044 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.05 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 41 Resp: 3752

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	0.0	61.7	92.5#



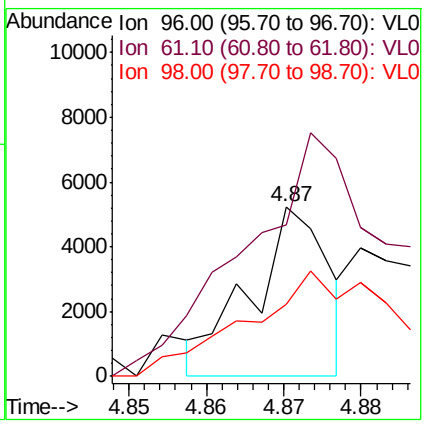


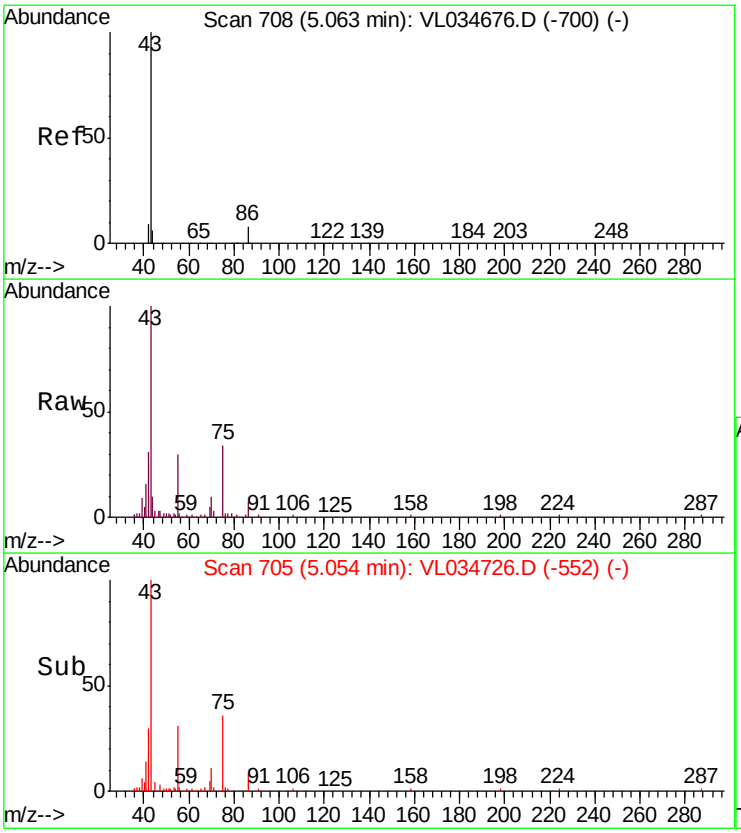
#22
trans-1,2-Dichloroethene
Concen: 0.076 ppbv
RT: 4.87 min Scan# 648
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 96 Resp: 3637

Ion	Ratio	Lower	Upper
96	100		
61	64.8	139.4	209.0#
98	34.0	51.3	76.9#

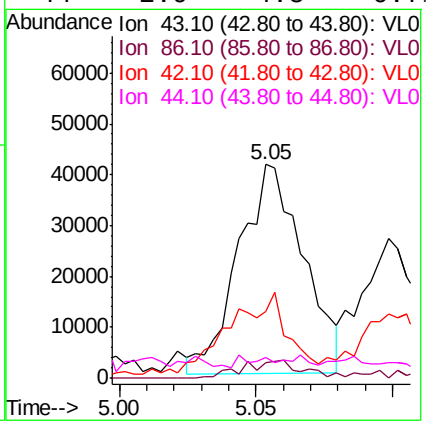


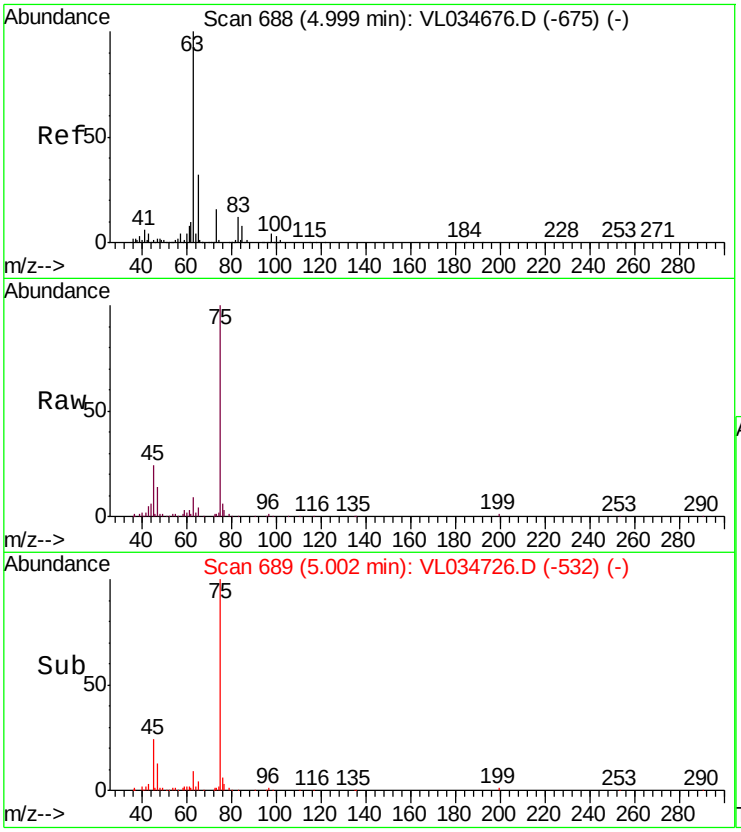


#23
Vinyl Acetate
Concen: 0.391 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 43 Resp: 67825

Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.0	9.0
42	26.5	8.0	12.0#
44	2.9	4.5	6.7#



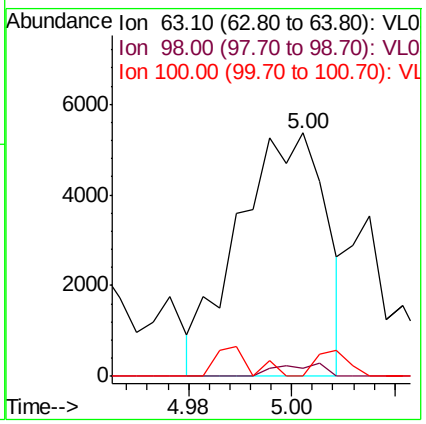


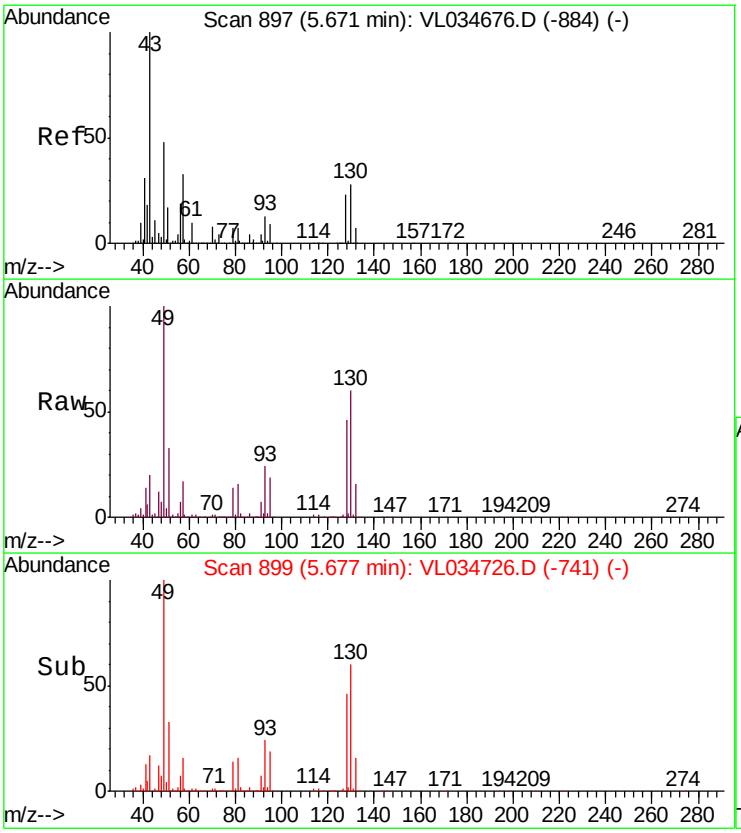
#24
1,1-Dichloroethane
Concen: 0.046 ppbv
RT: 5.00 min Scan# 689
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 63 Resp: 6315

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.2
100	0.0	1.4	4.0#

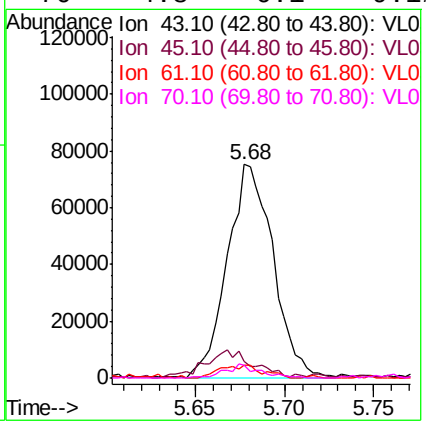


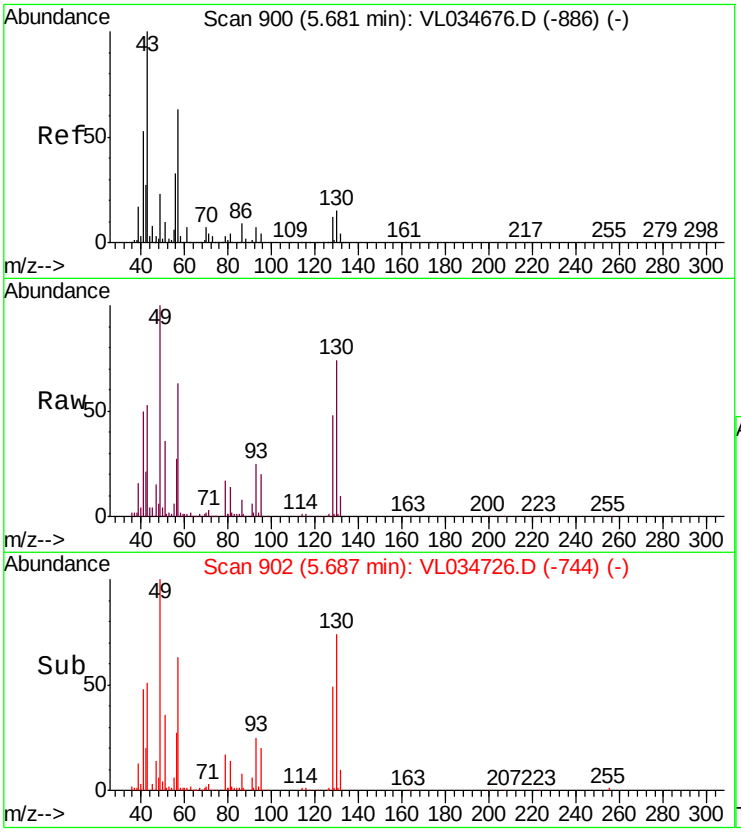


#25
Ethyl Acetate
Concen: 0.596 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 43 Resp: 134747

Ion	Ratio	Lower	Upper
43	100		
45	14.1	8.2	12.4#
61	6.2	7.8	11.6#
70	4.8	6.1	9.1#



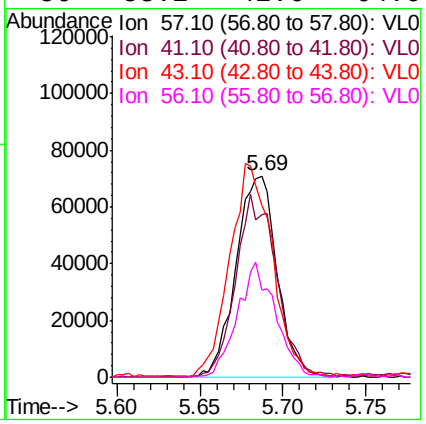


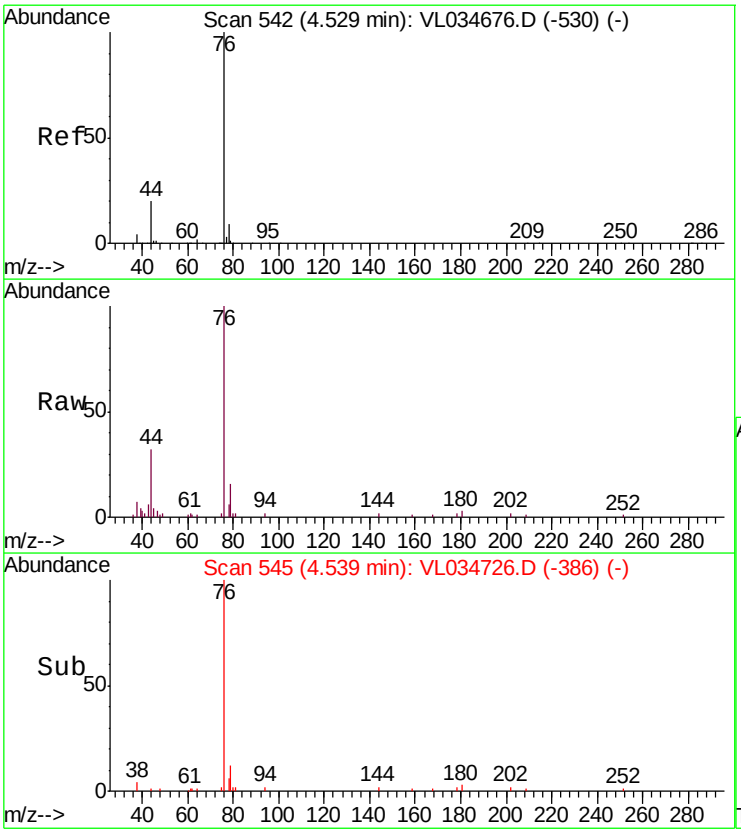
#26
Hexane
Concen: 1.173 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 57 Resp: 122251

Ion	Ratio	Lower	Upper
57	100		
41	90.5	70.3	105.5
43	108.7	177.0	265.4#
56	53.2	42.6	64.0

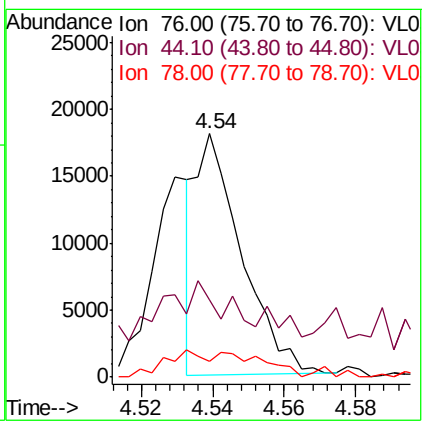


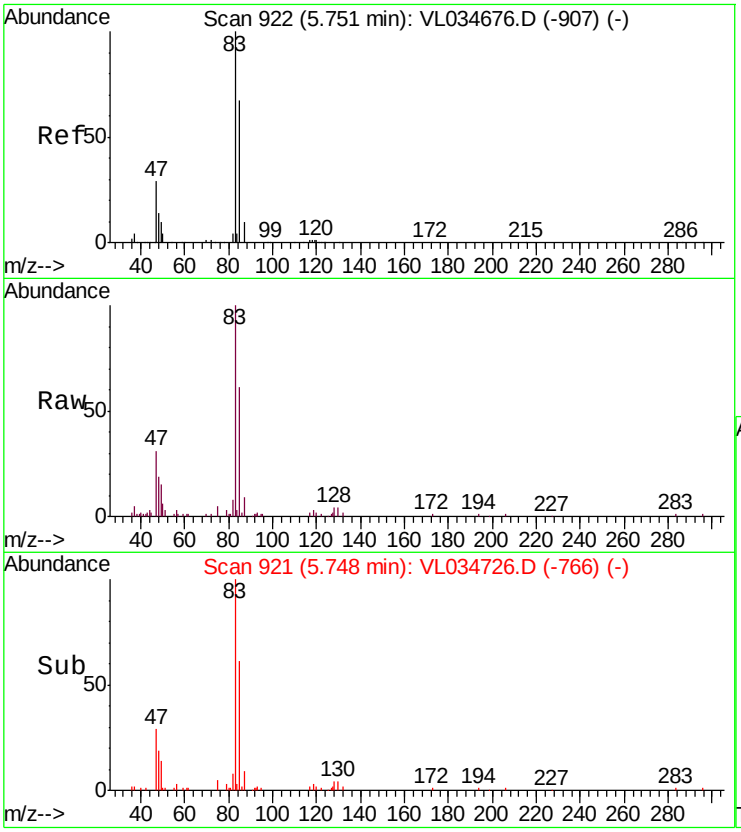


#27
Carbon Disulfide
Concen: 0.134 ppbv
RT: 4.54 min Scan# 545
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 76 Resp: 15871

Ion	Ratio	Lower	Upper
76	100		
44	46.9	15.3	22.9#
78	23.2	7.6	11.4#



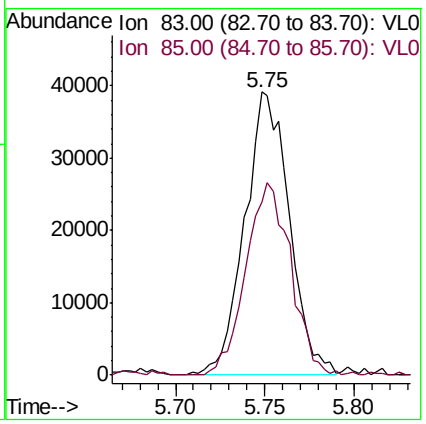


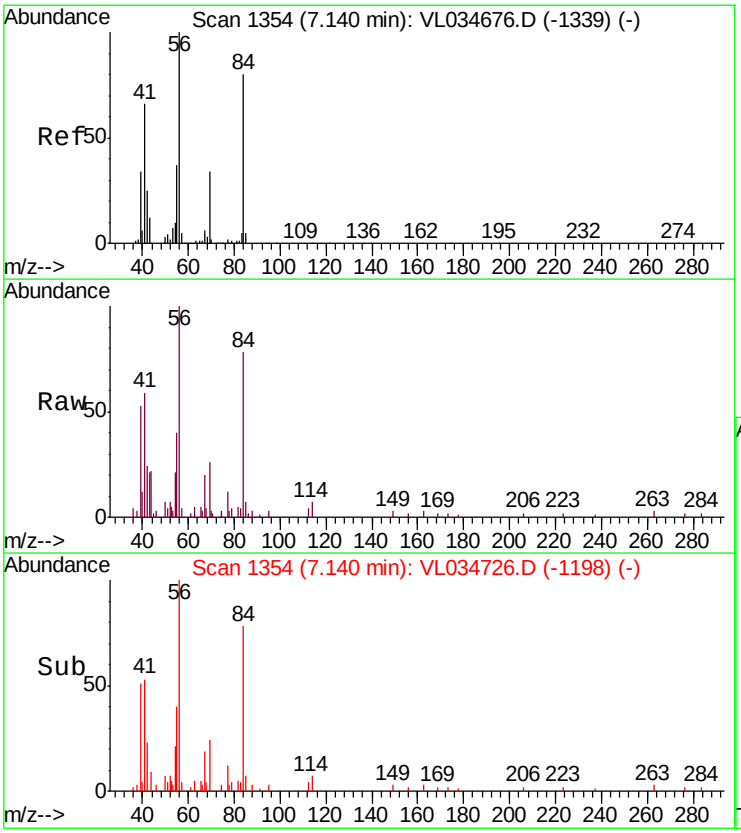
#29
Chloroform
Concen: 0.413 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 83 Resp: 68542

Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.9	80.9

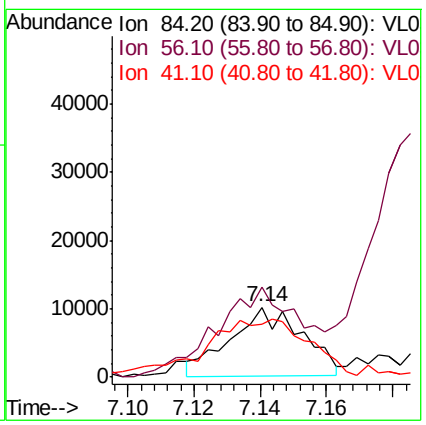


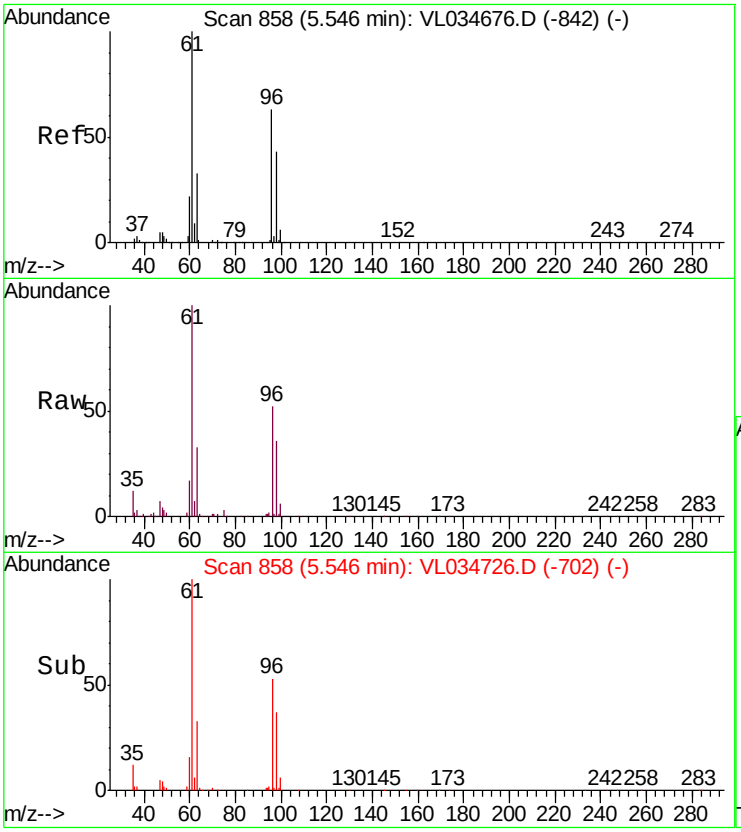


#30
Cyclohexane
Concen: 0.188 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 84 Resp: 15200

Ion	Ratio	Lower	Upper
84	100		
56	159.7	113.4	170.2
41	117.4	68.2	102.4#



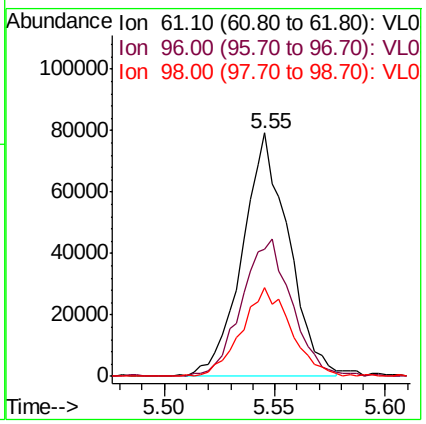


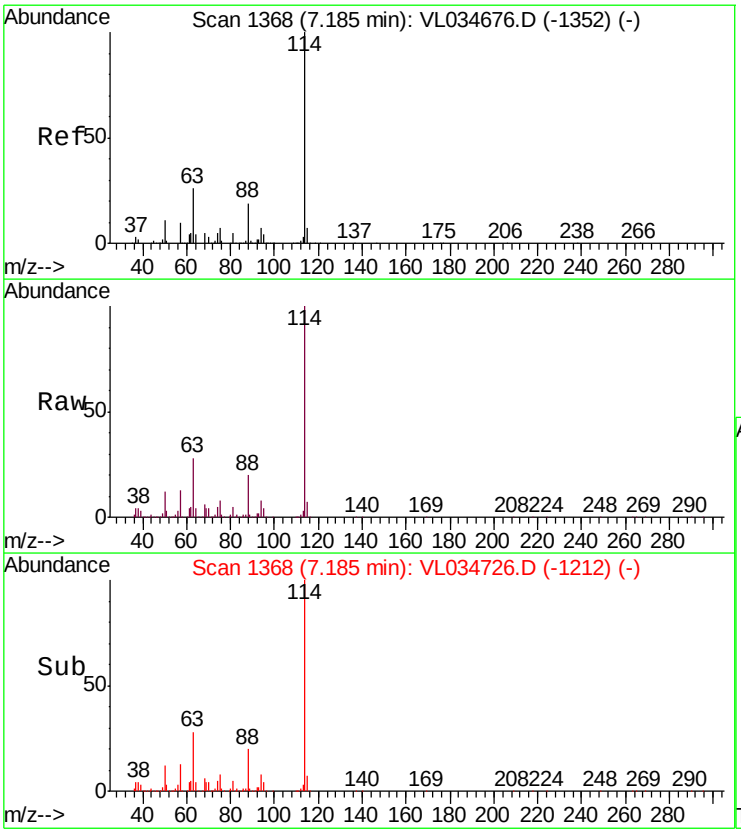
#31
cis-1,2-Dichloroethene
Concen: 1.122 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 61 Resp: 115064

Ion	Ratio	Lower	Upper
61	100		
96	52.4	50.2	75.2
98	35.8	34.3	51.5

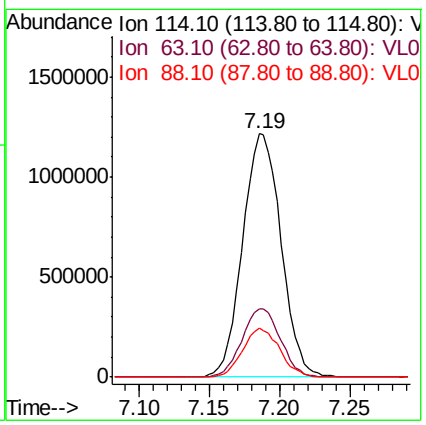


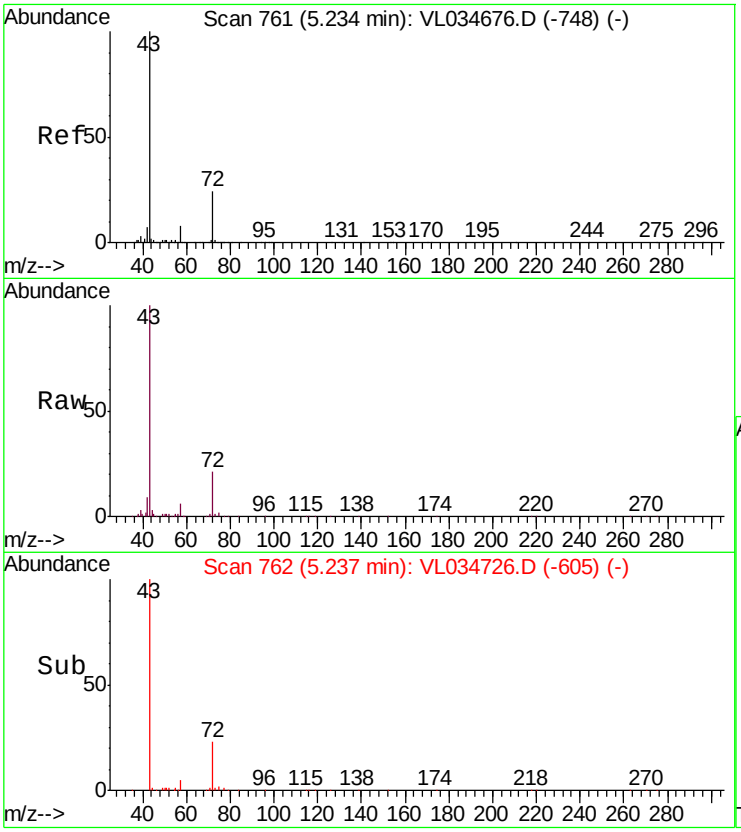


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:114 Resp: 2318763

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.9	34.3
88	19.5	15.8	23.6



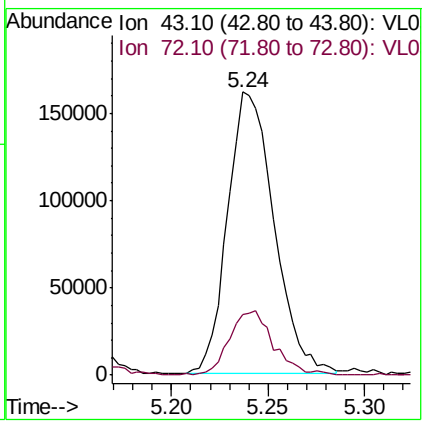


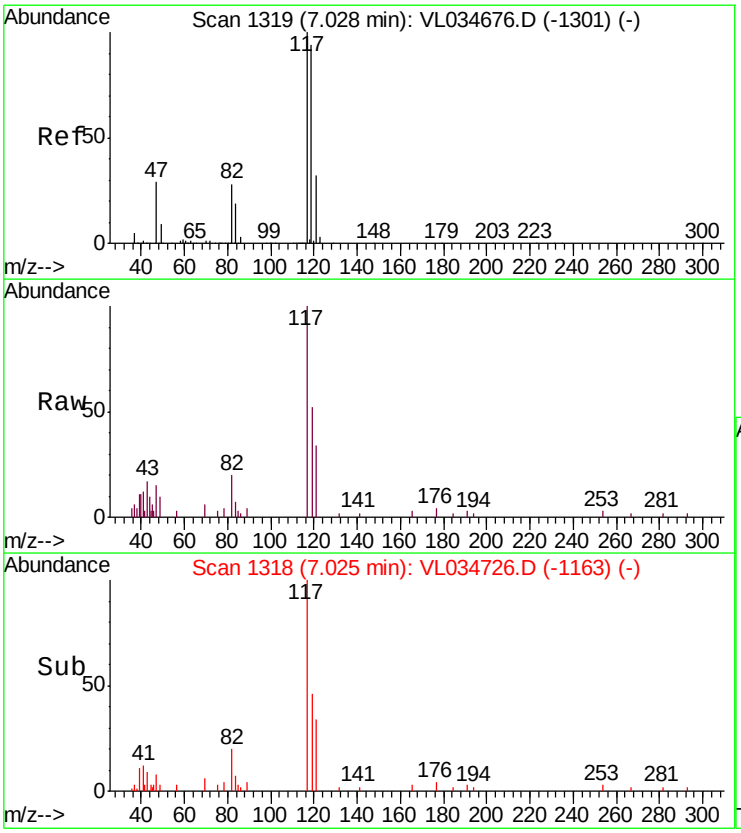
#34
2-Butanone
Concen: 1.852 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 43 Resp: 270337

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.2	27.2

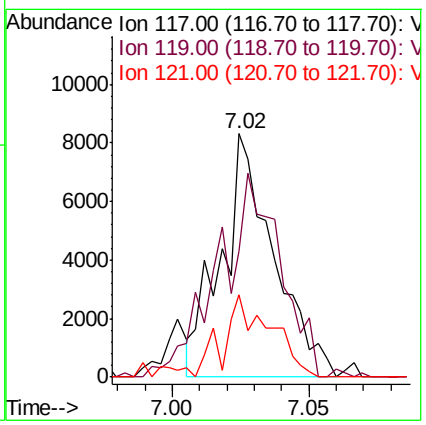


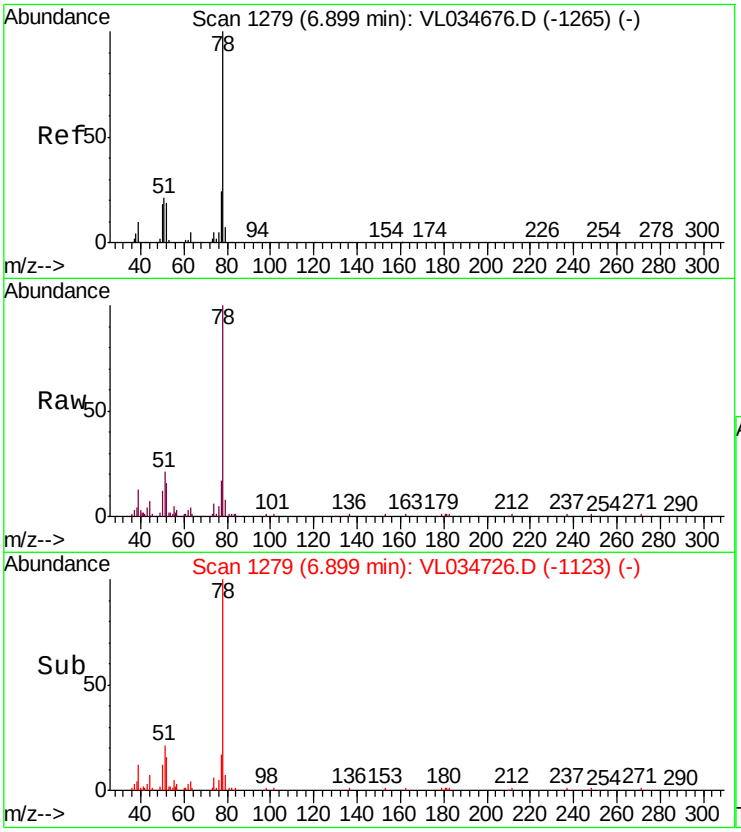


#35
Carbon Tetrachloride
Concen: 0.071 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:117 Resp: 11082

Ion	Ratio	Lower	Upper
117	100		
119	48.0	75.5	113.3#
121	33.9	25.4	38.0



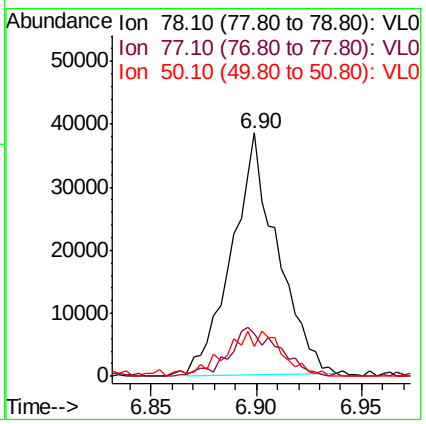


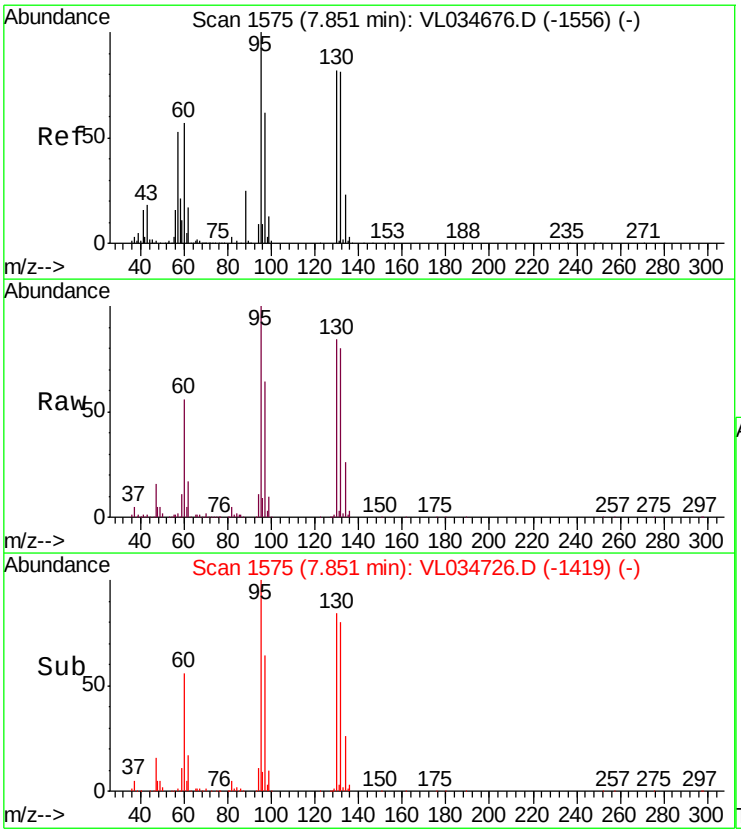
#36
Benzene
Concen: 0.288 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 78 Resp: 57624

Ion	Ratio	Lower	Upper
78	100		
77	16.3	19.5	29.3#
50	12.3	14.6	21.8#

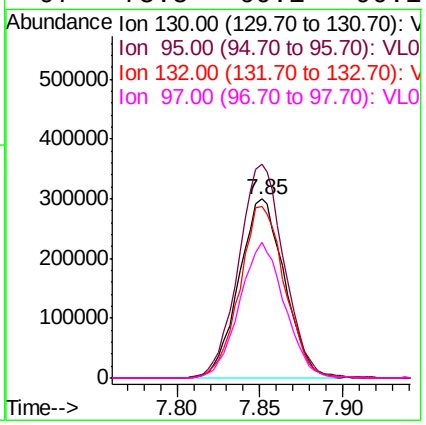


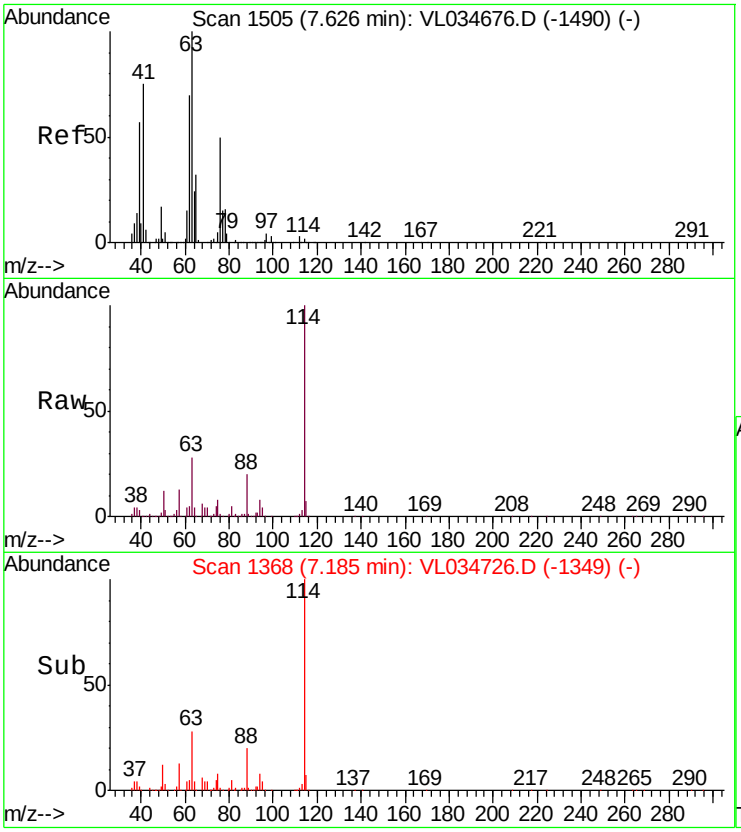


#38
Trichloroethene
Concen: 7.404 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:130 Resp: 571573

Ion	Ratio	Lower	Upper
130	100		
95	118.9	97.1	145.7
132	95.4	78.3	117.5
97	75.5	60.1	90.1



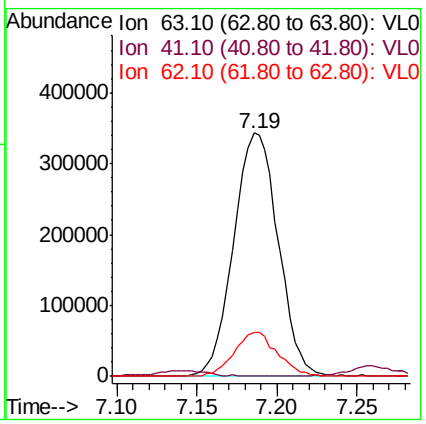


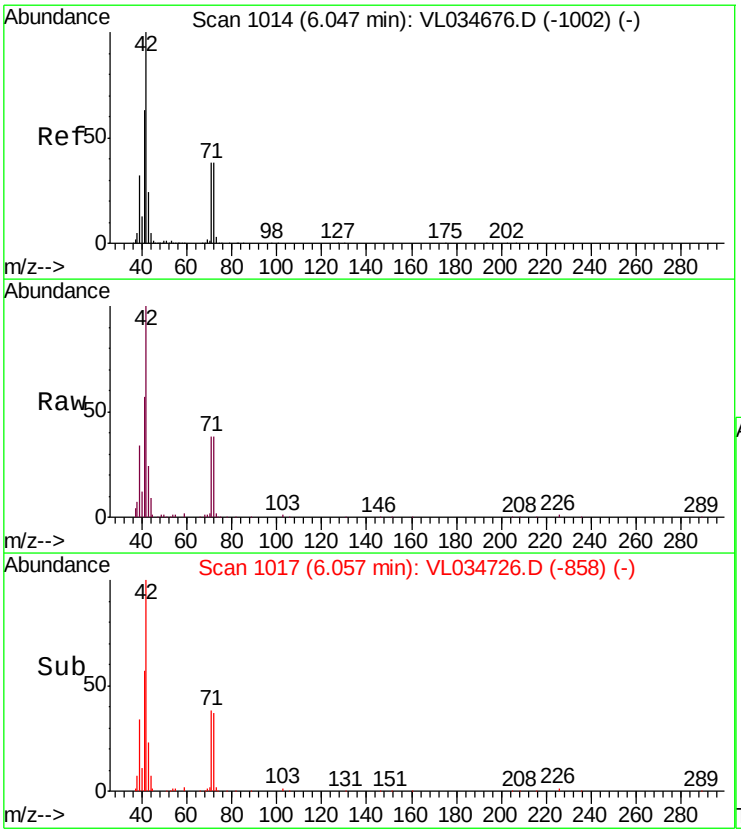
#39
1,2-Dichloropropane
Concen: 8.154 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.44 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 63 Resp: 649683

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.2	90.4#
62	18.3	56.3	84.5#

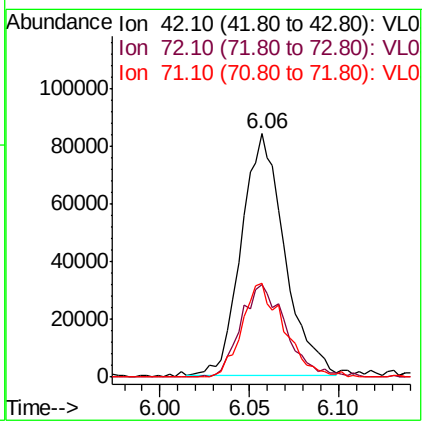


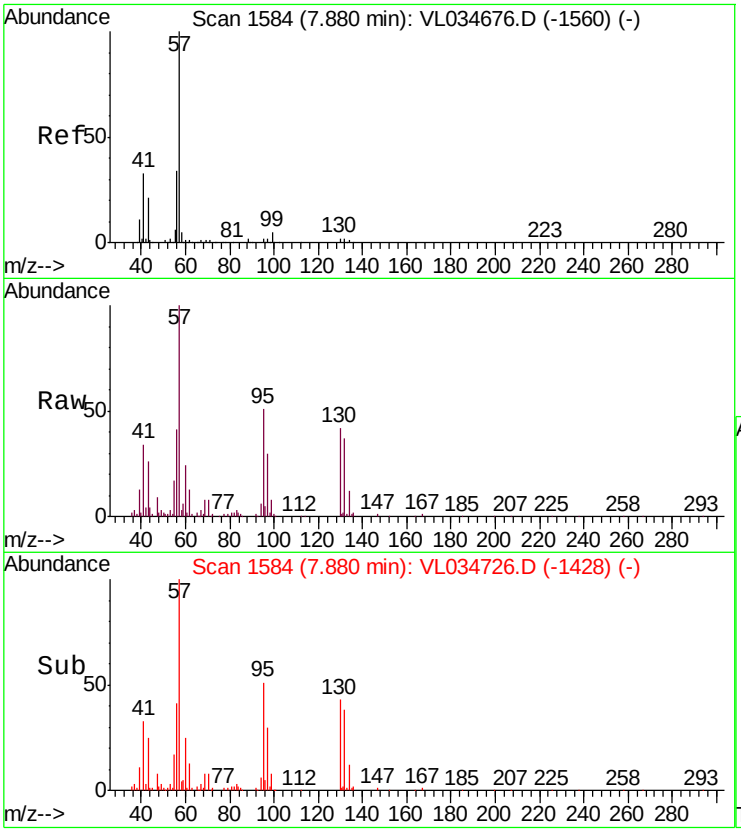


#41
Tetrahydrofuran
Concen: 1.841 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 42 Resp: 141835

Ion	Ratio	Lower	Upper
42	100		
72	40.7	31.7	47.5
71	38.2	30.7	46.1



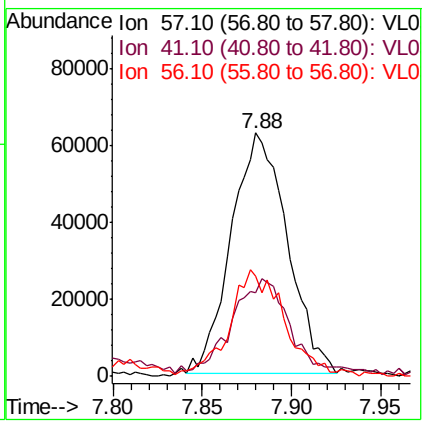


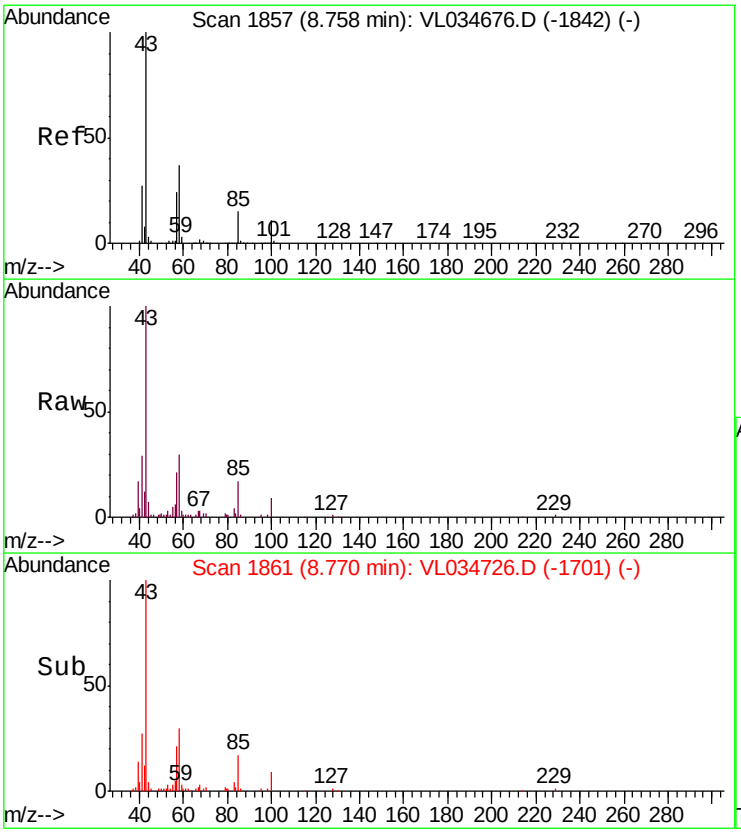
#44
2,2,4-Trimethylpentane
Concen: 0.392 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 57 Resp: 137328

Ion	Ratio	Lower	Upper
57	100		
41	43.1	26.0	39.0#
56	44.4	25.6	38.4#

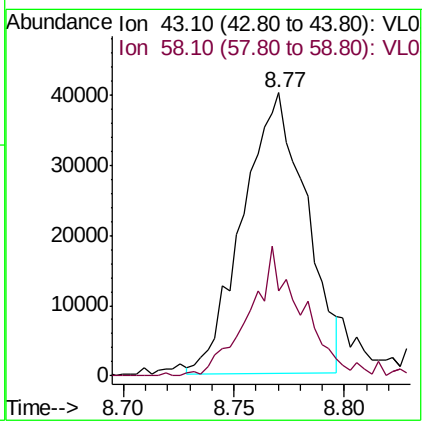


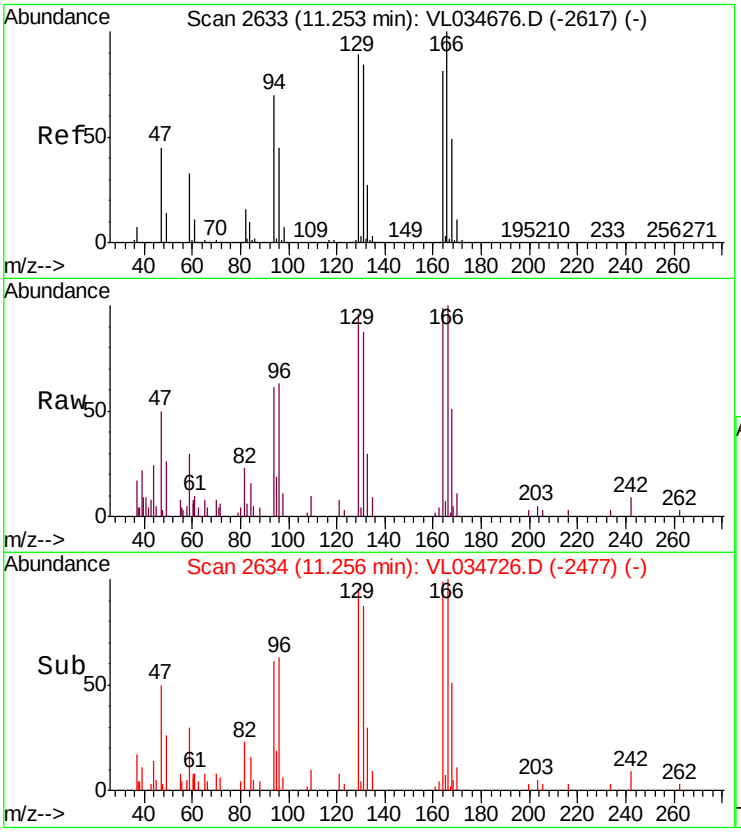


#50
4-Methyl-2-Pentanone
Concen: 0.386 ppbv
RT: 8.77 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 43 Resp: 79798

Ion	Ratio	Lower	Upper
43	100		
58	39.1	29.0	43.6



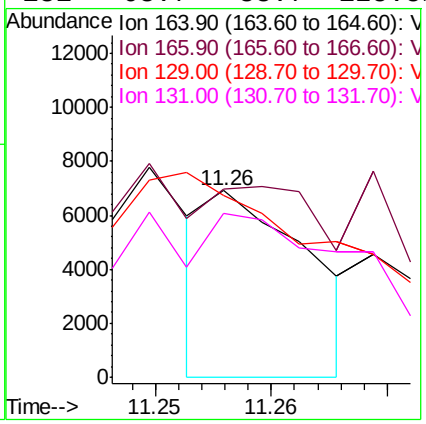


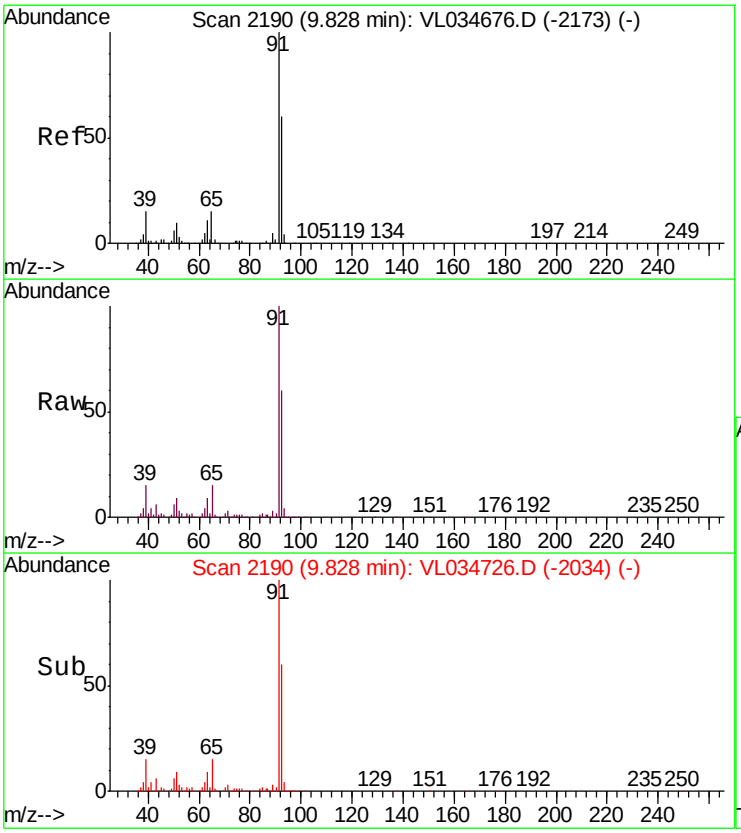
#52
Tetrachloroethene
Concen: 0.056 ppbv
RT: 11.26 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:164 Resp: 4141

Ion	Ratio	Lower	Upper
164	100		
166	74.1	99.2	148.8#
129	54.8	88.0	132.0#
131	63.7	83.7	125.5#

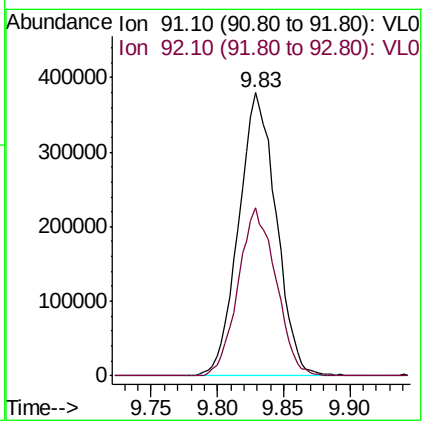


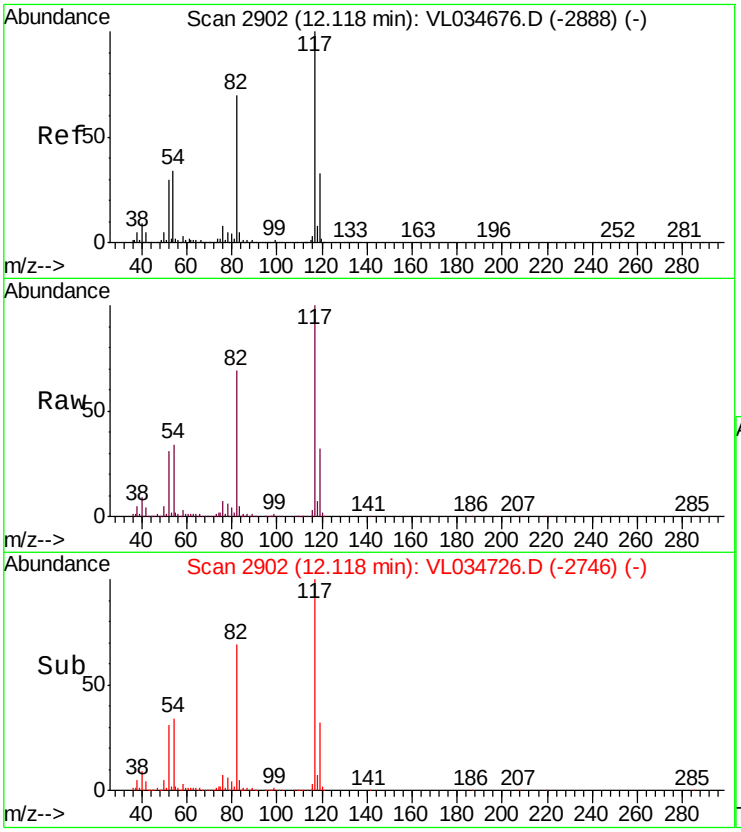


#53
Toluene
Concen: 3.514 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 91 Resp: 748491

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.5	72.7



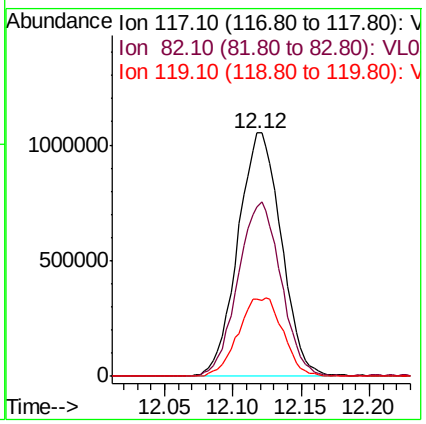


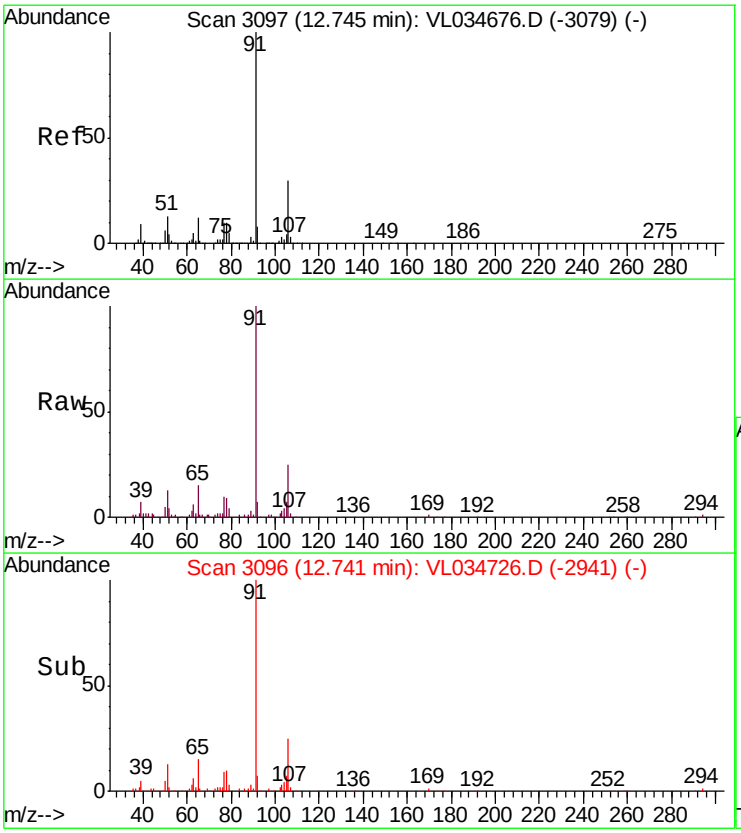
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument : MSVOA_L
ClientSampleId : SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:117 Resp: 2321183

Ion	Ratio	Lower	Upper
117	100		
82	71.2	54.1	81.1
119	33.3	27.6	41.4

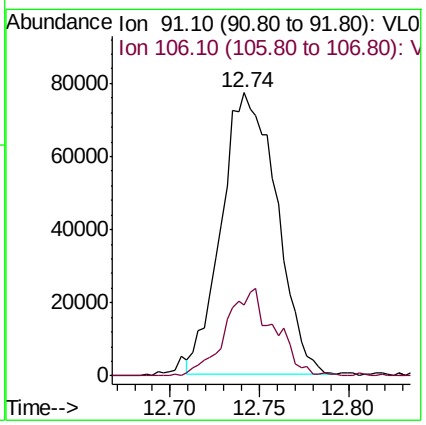


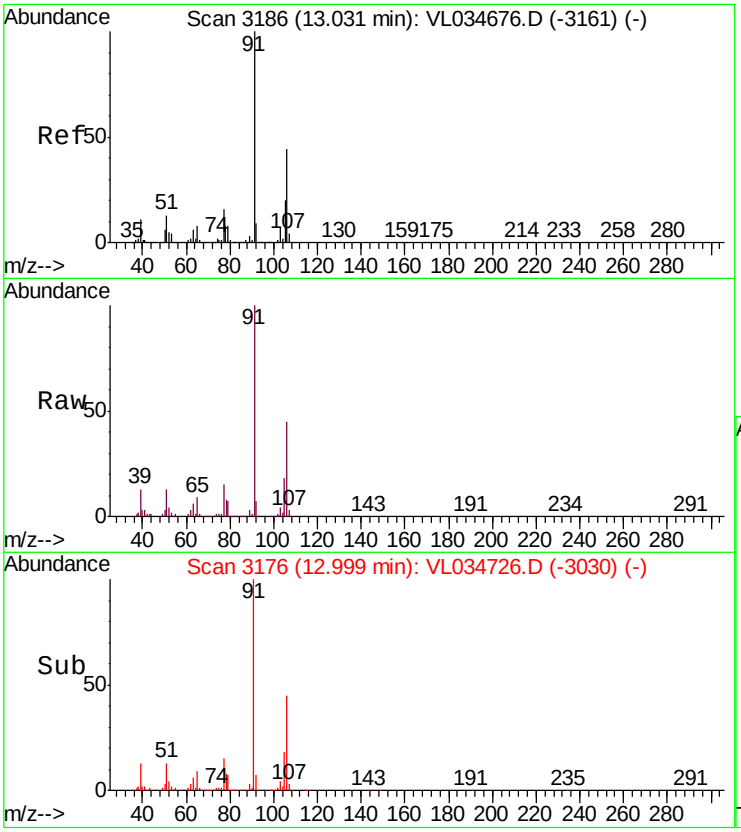


#58
Ethyl Benzene
Concen: 0.589 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 91 Resp: 165277

Ion	Ratio	Lower	Upper
91	100		
106	24.5	24.0	36.0



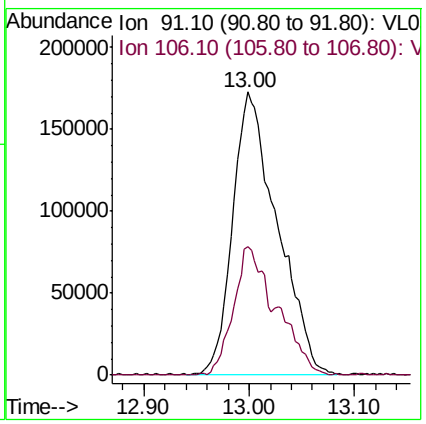


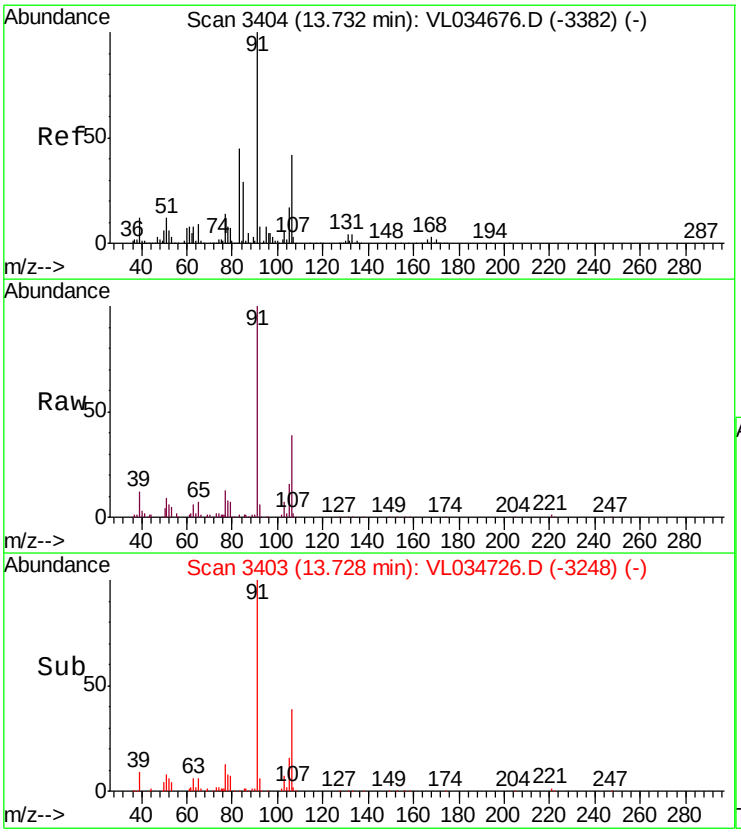
#59
m/p-Xylene
Concen: 2.069 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion: 91 Resp: 506750

Ion	Ratio	Lower	Upper
91	100		
106	43.8	35.6	53.4

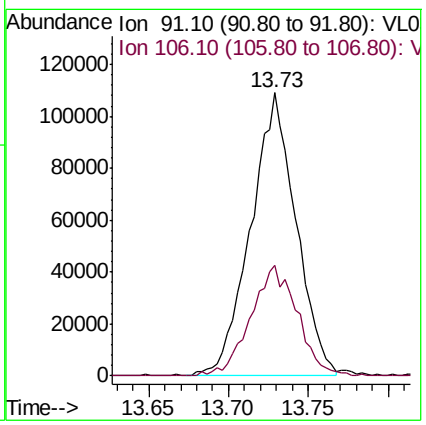


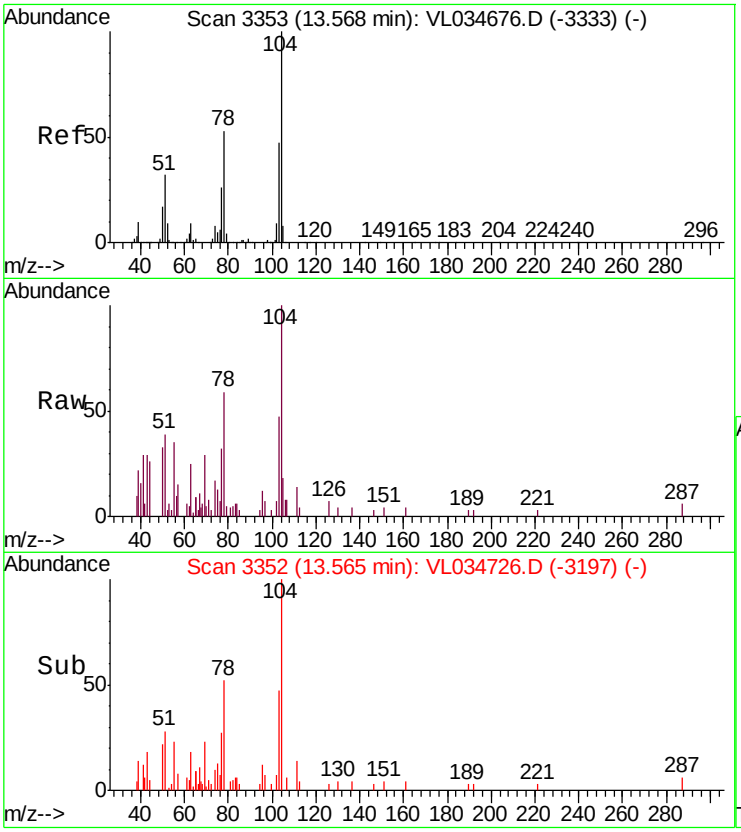


#60
o-Xylene
Concen: 0.874 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 91 Resp: 212538

Ion	Ratio	Lower	Upper
91	100		
106	40.2	21.9	65.5



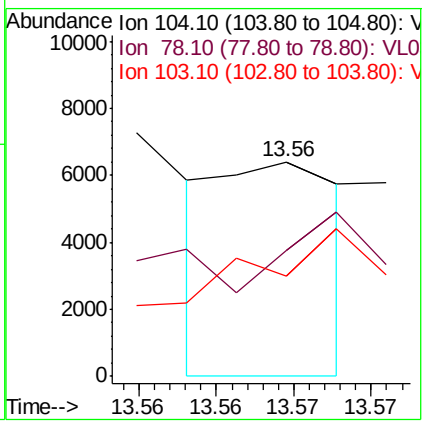


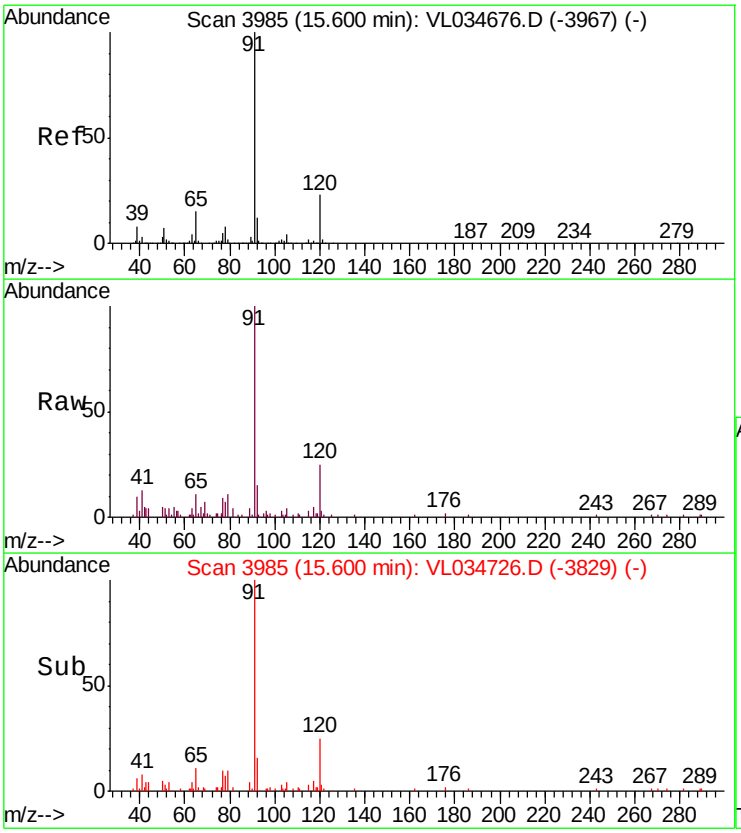
#61
Styrene
Concen: 0.022 ppbv
RT: 13.56 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument : MSVOA_L
ClientSampleId : SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:104 Resp: 3501

Ion	Ratio	Lower	Upper
104	100		
78	284.4	44.2	66.4#
103	230.7	37.4	56.0#

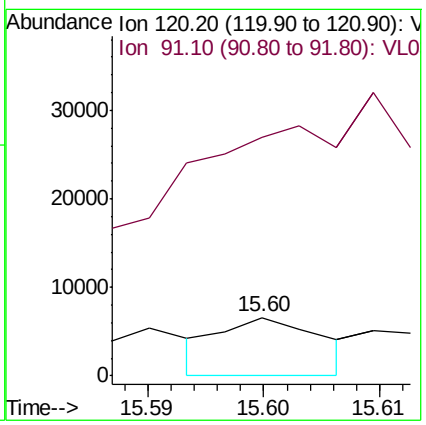


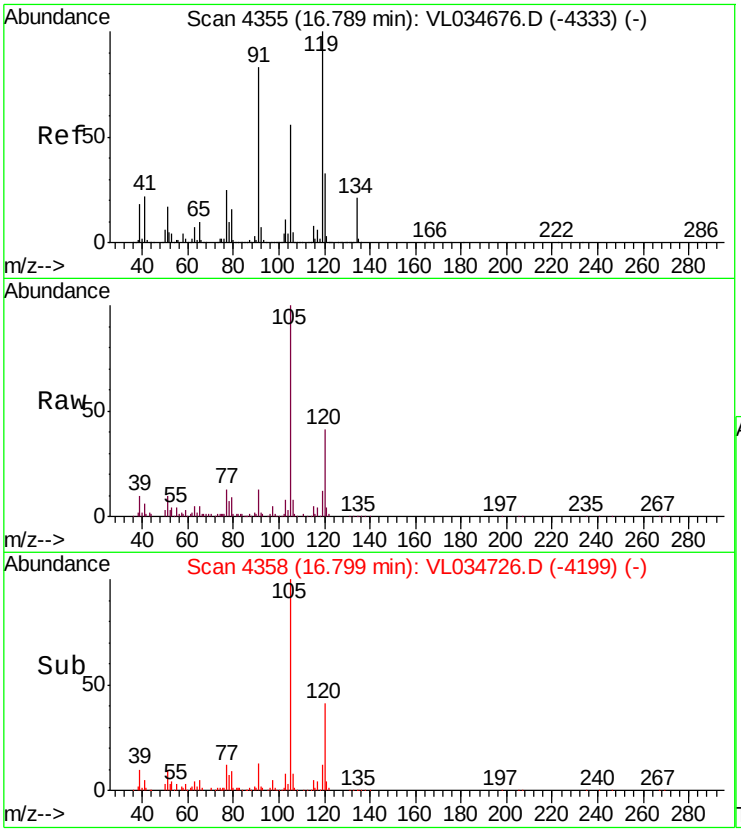


#64
n-propylbenzene
Concen: 0.044 ppbv
RT: 15.60 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:120 Resp: 4060

Ion	Ratio	Lower	Upper
120	100		
91	0.0	369.8	554.8#



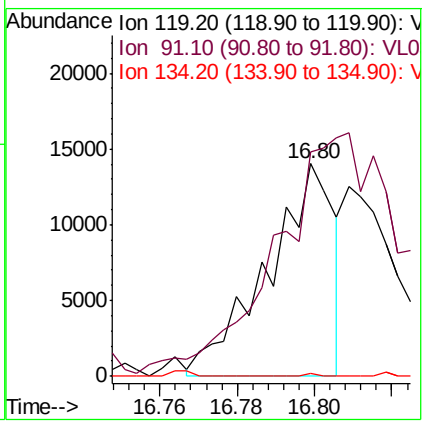


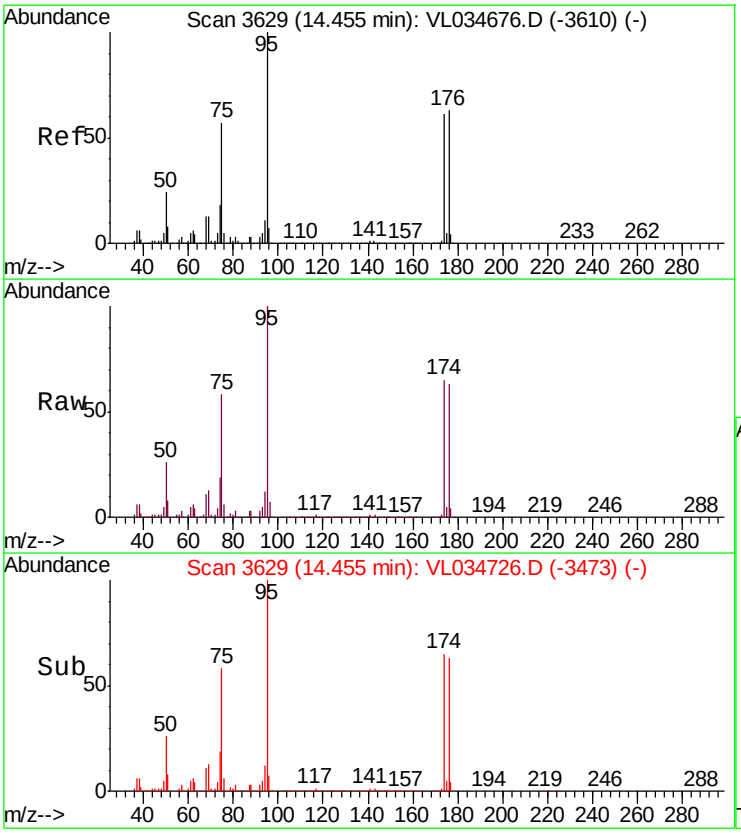
#65
tert-Butylbenzene
Concen: 0.055 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:119 Resp: 16712

Ion	Ratio	Lower	Upper
119	100		
91	0.0	69.1	103.7#
134	0.0	15.8	23.8#

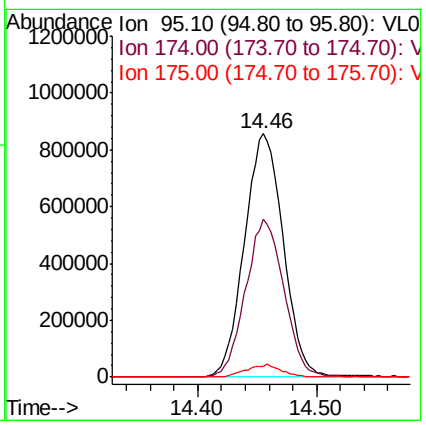


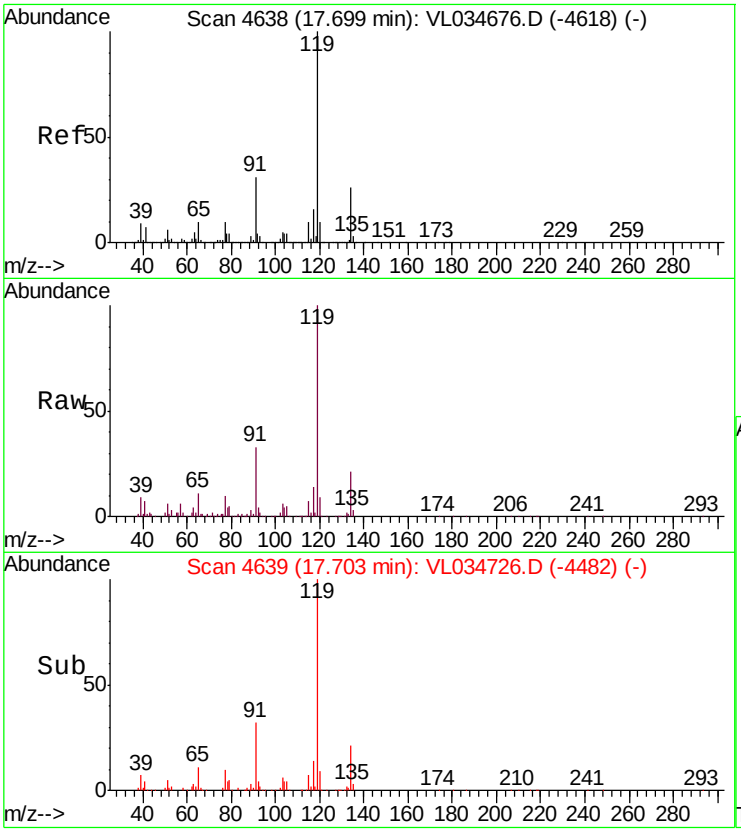


#68
1-Bromo-4-Fluorobenzene
Concen: 10.152 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 95 Resp: 1932291

Ion	Ratio	Lower	Upper
95	100		
174	64.6	50.7	76.1
175	4.8	3.9	5.9



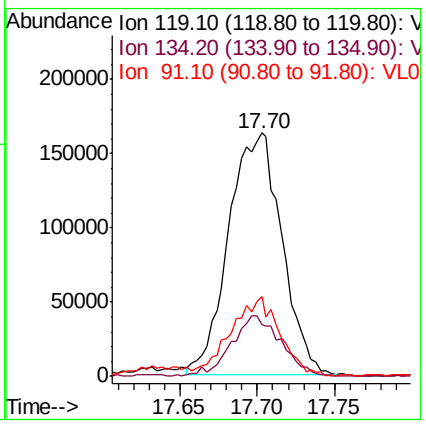


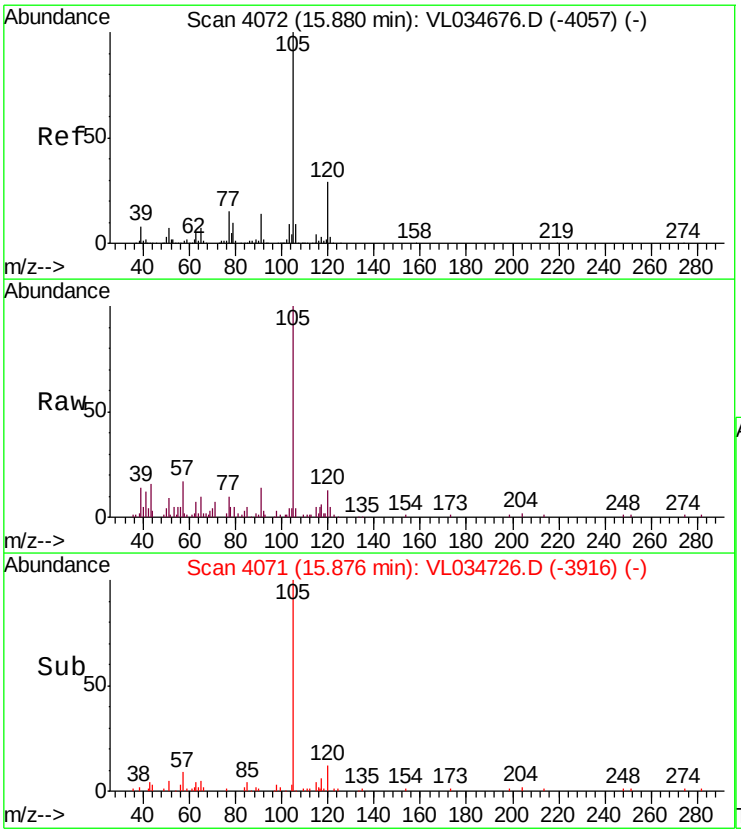
#69
p-Isopropyltoluene
Concen: 1.066 ppbv
RT: 17.70 min Scan# 4639
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:119 Resp: 386745

Ion	Ratio	Lower	Upper
119	100		
134	23.5	20.6	31.0
91	30.6	25.3	37.9

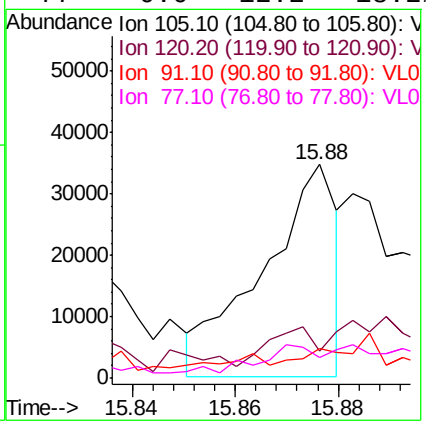


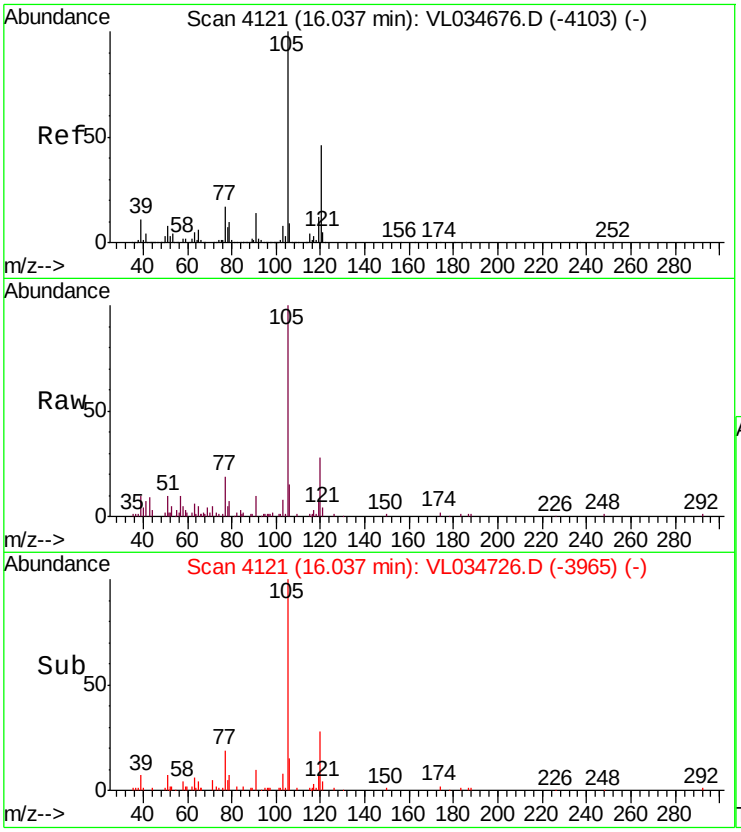


#72
4-Ethyltoluene
Concen: 0.127 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:105 Resp: 34307

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.7	35.5#
91	0.0	10.9	16.3#
77	0.0	12.2	18.2#



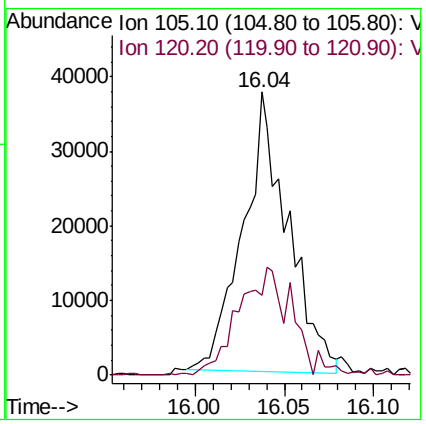


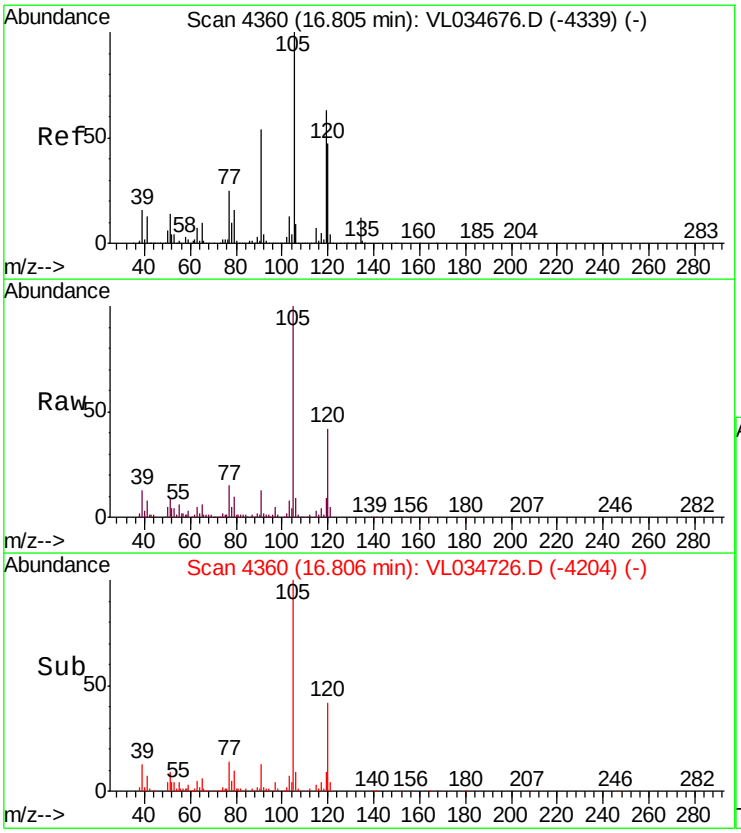
#73
1,3,5-Trimethylbenzene
Concen: 0.253 ppbv
RT: 16.04 min Scan# 4121
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:105 Resp: 65855

Ion	Ratio	Lower	Upper
105	100		
120	28.4	37.1	55.7#

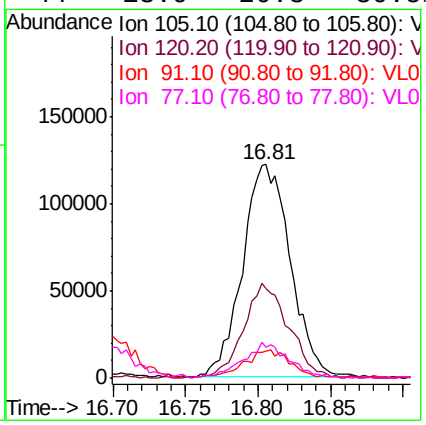


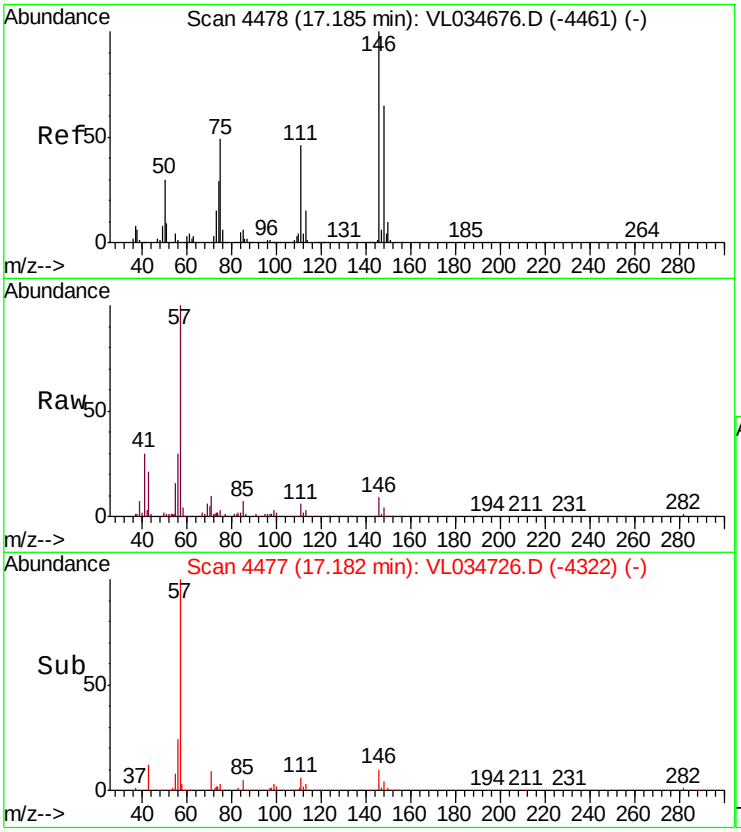


#74
1,2,4-Trimethylbenzene
Concen: 0.973 ppbv
RT: 16.81 min Scan# 4360
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:105 Resp: 279597

Ion	Ratio	Lower	Upper
105	100		
120	42.1	37.9	56.9
91	12.4	43.9	65.9#
77	13.9	20.3	30.5#



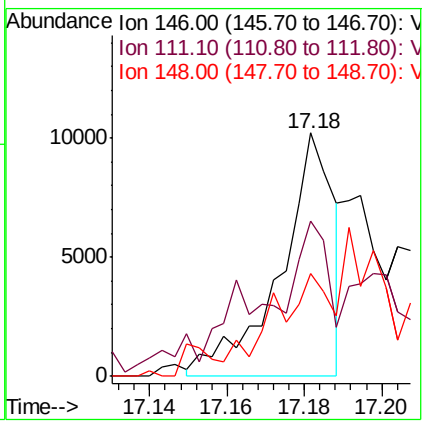


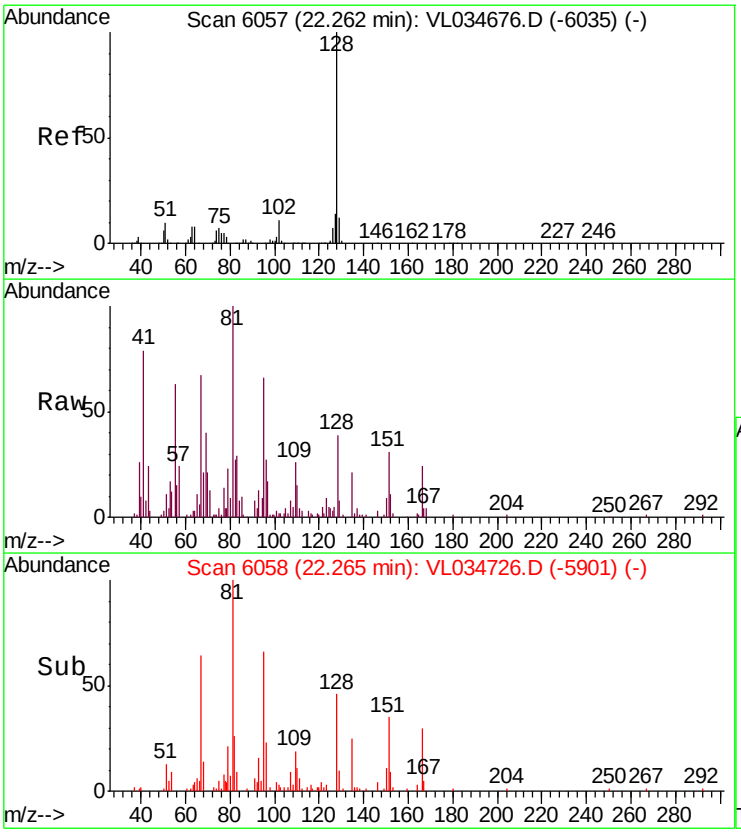
#76
1,4-Dichlorobenzene
Concen: 0.059 ppbv
RT: 17.18 min Scan# 4477
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tgt Ion:146 Resp: 9778

Ion	Ratio	Lower	Upper
146	100		
111	139.7	23.4	70.0#
148	0.0	31.9	95.5#





#79
Naphthalene
Concen: 0.040 ppbv
RT: 22.27 min Scan# 6058
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion:128 Resp: 10109

Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.6
129	27.3	9.4	14.2#