Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034808.D
Acq On : 5 Mar 2020 23:04
Operator : SY/AP
Sample : L1698-06DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Quant Time: Mar 06 03:49:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	446008	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	1154970	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	977039	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	977705	12.00	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 120.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	50456	0.993	ppbv #	59
4) Chloromethane	3.16	50	2102	0.077	ppbv #	65
5) Vinyl Chloride	3.22	62	4743651	164.065	ppbv #	78
7) Chloroethane	3.22	64	1828098	182.857	ppbv #	44
9) Propene	2.97	41	841231	42.060	ppbv	95
10) Heptane	8.18	43	1407094	27.682	ppbv #	9
11) Trichlorofluoromethane	3.93	101	9721	0.149	ppbv	91
13) Ethanol	3.57	45	18060	2.635	ppbv	96
15) Acetone	3.84	43	3894990	72.927	ppbv #	74
16) 1,3-Butadiene	3.32	39	103383	4.278	ppbv #	9
17) tert-Butyl alcohol	4.27	59	642297	15.251	ppbv	97
18) 1,1-Dichloroethene	4.27	96	11232	0.567	ppbv	94
19) Isopropyl Alcohol	3.94	45	390219	12.194	ppbv #	1
20) Methylene Chloride	4.32	84	290293	15.229	ppbv	94
21) Allyl Chloride	4.35	41	505359	14.942	ppbv #	67
22) trans-1,2-Dichloroethene	4.87	96	324471	16.771	ppbv	99
23) Vinyl Acetate	5.05	43	2402782	33.550	ppbv #	1
24) 1,1-Dichloroethane	5.00	63	108223	1.947	ppbv	97
25) Ethyl Acetate	5.69	43	2438778	26.424	ppbv #	76
26) Hexane	5.69	57	3411723	84.616	ppbv #	42
27) Carbon Disulfide	4.53	76	981826	20.844	ppbv	96
29) Chloroform	5.93	83	16701	0.246	ppbv #	44
30) Cyclohexane	7.15	84	890403	28.866	ppbv	90
31) cis-1,2-Dichloroethene	5.55	61	6119713	147.980	ppbv #	80
34) 2-Butanone	5.24	43	646149	8.599	ppbv	98
36) Benzene	6.91	78	7608708	77.095	ppbv #	86
37) 1,2-Dichloroethane	6.32	62	7307	0.108	ppbv #	84
38) Trichloroethene	7.86	130	307175	7.986	ppbv	93
39) 1,2-Dichloropropane	7.63	63	33913	0.851	ppbv #	1
41) Tetrahydrofuran	6.06	42	31468	0.821	ppbv	98
42) Bromodichloromethane	7.83	83	4508712	52.860	ppbv #	25
43) Methyl Methacrylate	8.02	69	1993153	47.659	ppbv #	30
44) 2,2,4-Trimethylpentane	7.92	57	5120015	29.687	ppbv #	78
47) 1,1,2-Trichloroethane	9.52	97	365584	8.694	ppbv #	1
50) 4-Methyl-2-Pentanone	8.78	43	391865	3.640	ppbv #	39
51) 2-Hexanone	10.18	43	705474	8.353	ppbv #	34
52) Tetrachloroethene	11.28	164	49974	1.371	ppbv	86
53) Toluene	9.87	91	3908532	37.419	ppbv	98
57) Chlorobenzene	12.20	112	11479	0.154	ppbv #	54
58) Ethyl Benzene	12.79	91	9351299	77.665	ppbv #	78
59) m/p-Xylene	13.07	91	18676406	179.189	ppbv #	73

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034808.D
Acq On : 5 Mar 2020 23:04
Operator : SY/AP
Sample : L1698-06DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Quant Time: Mar 06 03:49:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) o-Xylene	13.77	91	8649466	82.020	ppbv		86
61) Styrene	13.59	104	6912	0.106	ppbv	#	26
62) Isopropylbenzene	14.72	105	193422	1.246	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.72	83	1836023	22.086	ppbv	#	30
64) n-propylbenzene	15.62	120	23640	0.607	ppbv	#	1
65) tert-Butylbenzene	16.82	119	33196	0.253	ppbv	#	83
67) sec-Butylbenzene	17.64	105	55622	0.291	ppbv		94
69) p-Isopropyltoluene	17.69	119	8444	0.055	ppbv	#	67
71) 2-Chlorotoluene	15.51	91	99238	0.847	ppbv		87
72) 4-Ethyltoluene	15.89	105	279633	2.382	ppbv		95
73) 1,3,5-Trimethylbenzene	16.05	105	239476	2.126	ppbv		94
74) 1,2,4-Trimethylbenzene	16.82	105	271112	2.214	ppbv	#	67

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

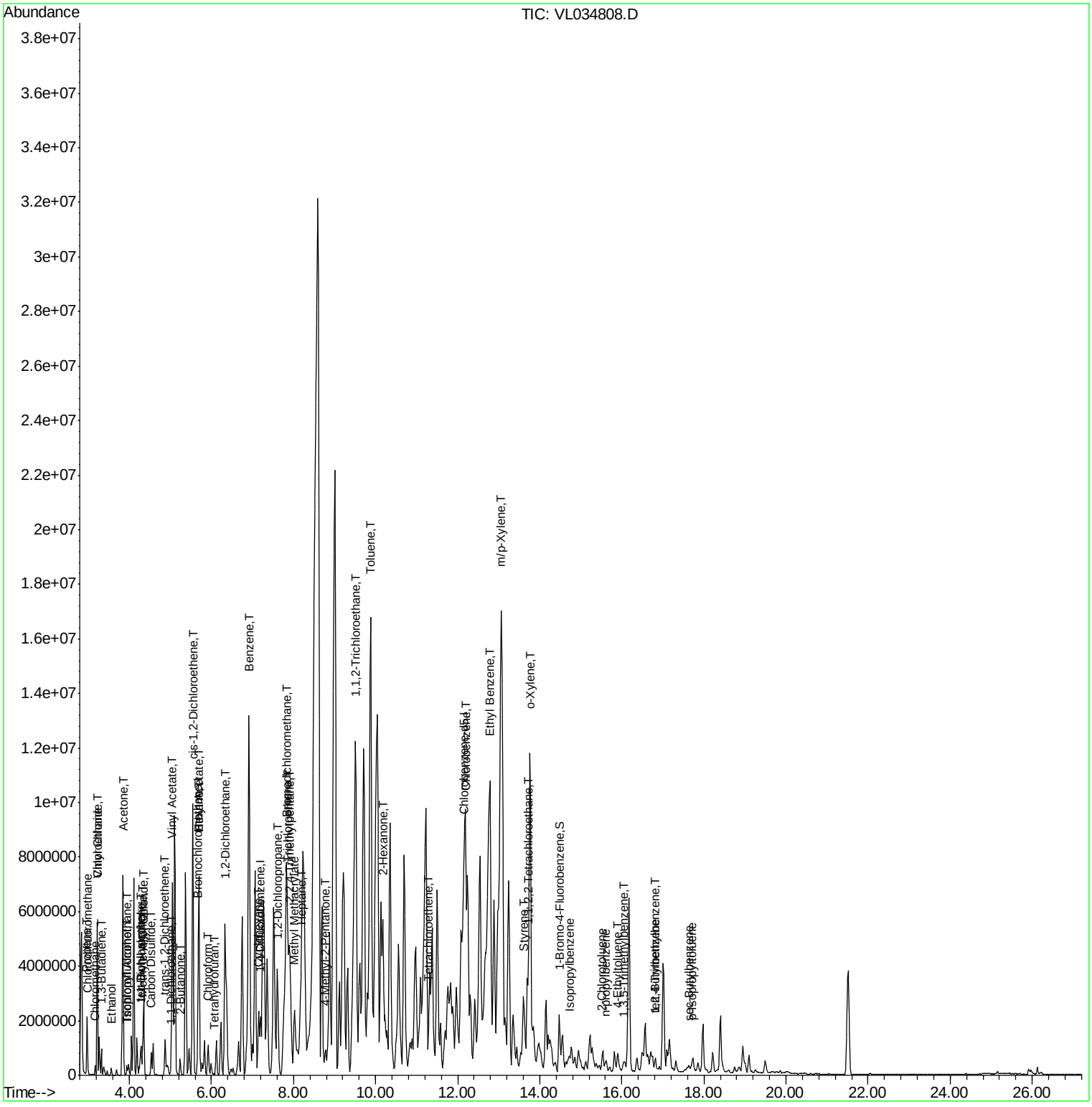
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

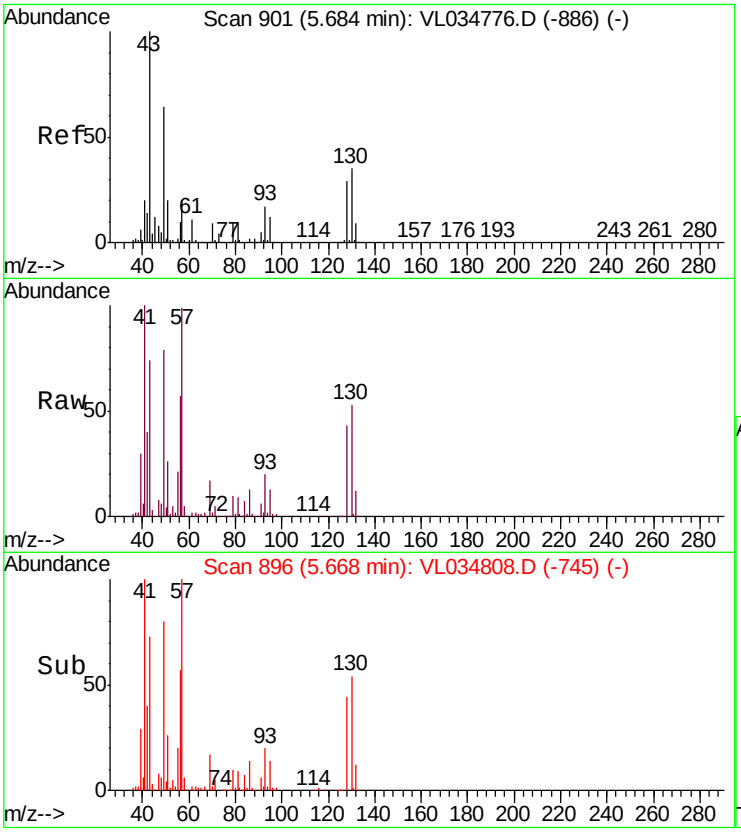
Quantitation Report (Not Reviewed)

Data File : VL034808.D
Acq On : 5 Mar 2020 23:04
Operator : SY/AP
Sample : L1698-06DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Quant Time: Mar 06 03:49:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration



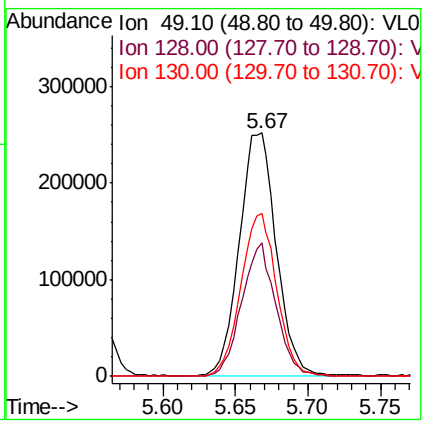


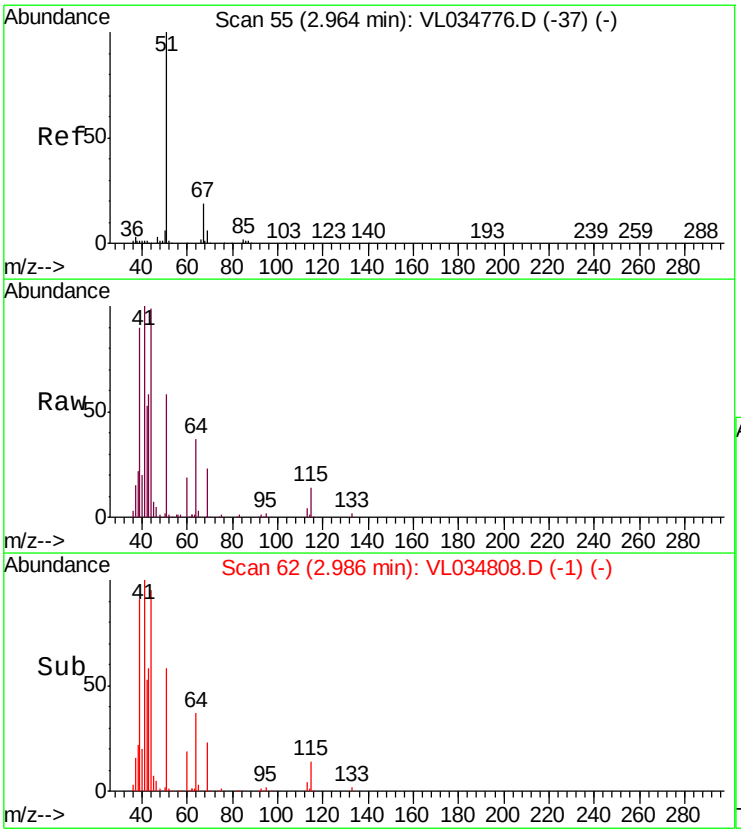
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 49 Resp: 446008

Ion	Ratio	Lower	Upper
49	100		
128	50.9	21.6	64.6
130	65.2	27.4	82.2

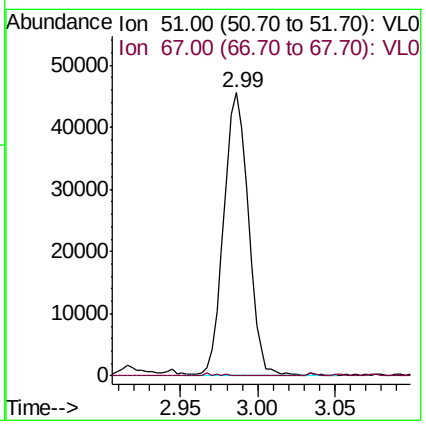


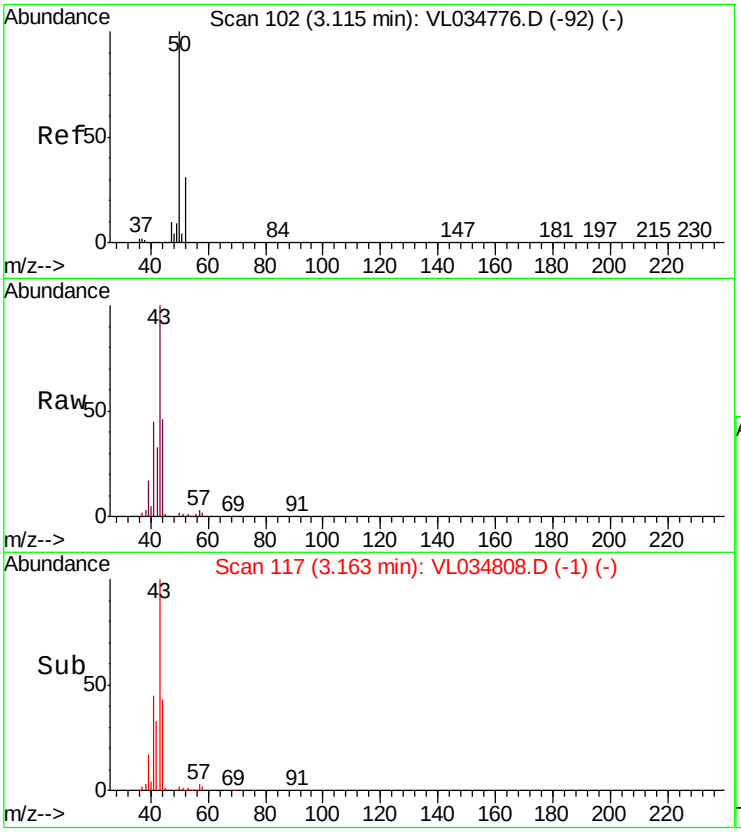


#3
Chlorodifluoromethane
Concen: 0.993 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 51 Resp: 50456

Ion	Ratio	Lower	Upper
51	100		
67	0.5	15.3	22.9#



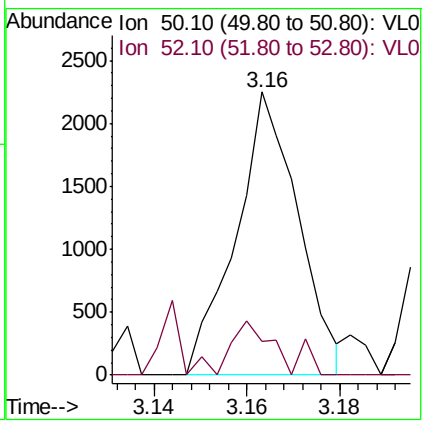


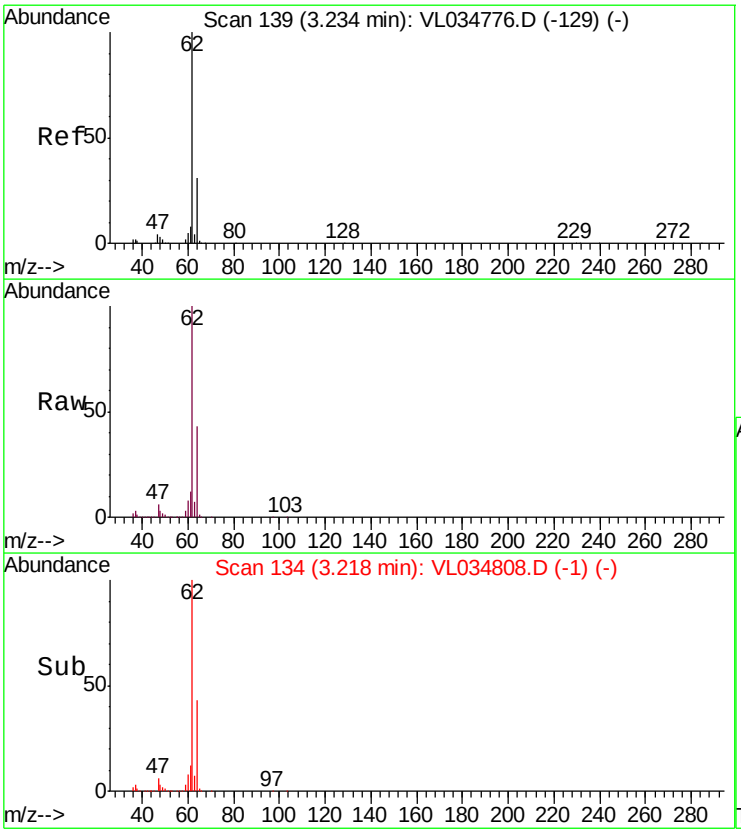
#4
Chloromethane
Concen: 0.077 ppbv
RT: 3.16 min Scan# 117
Delta R.T. 0.05 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 50 Resp: 2102

Ion	Ratio	Lower	Upper
50	100		
52	11.9	25.0	37.4#

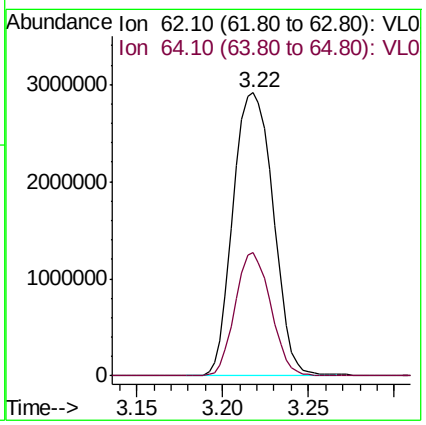


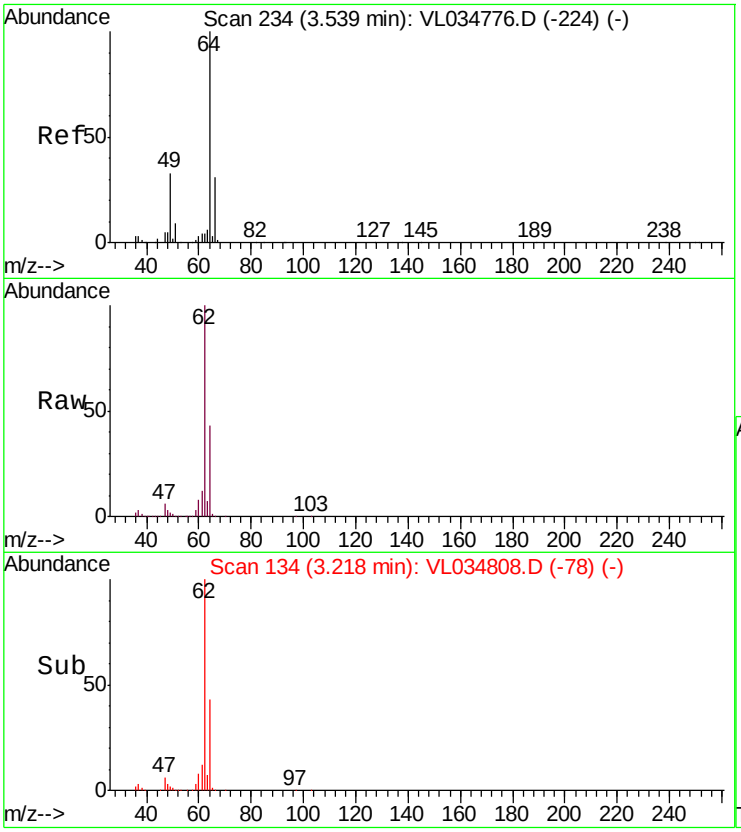


#5
Vinyl Chloride
Concen: 164.065 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 62 Resp: 4743651

Ion	Ratio	Lower	Upper
62	100		
64	43.4	25.1	37.7#



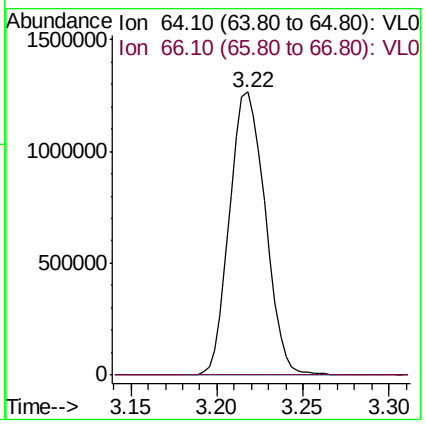


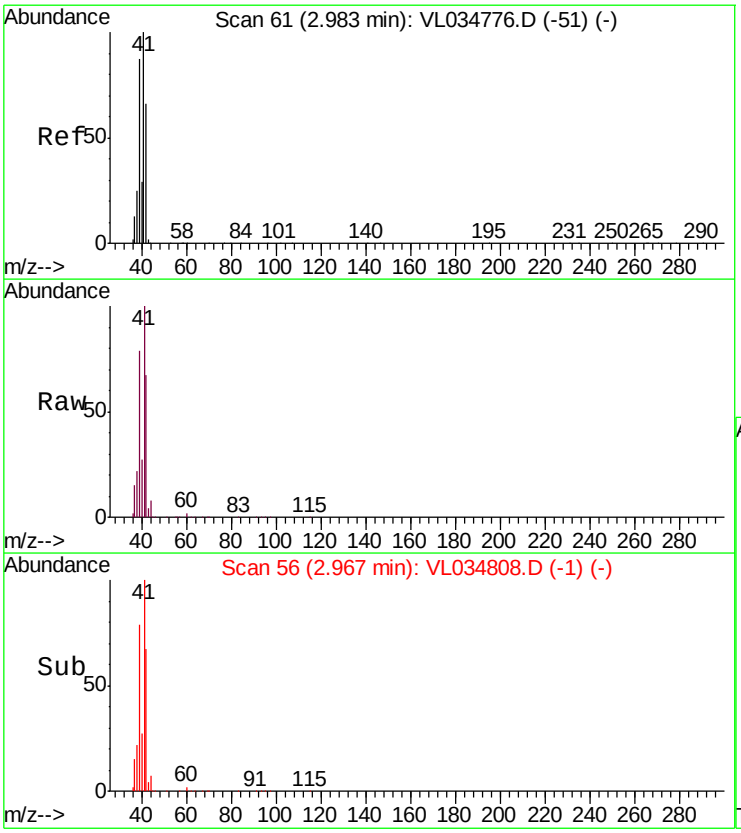
#7
Chloroethane
Concen: 182.857 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.32 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 64 Resp: 1828098

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

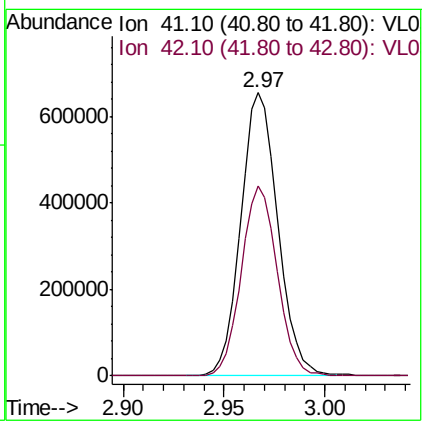


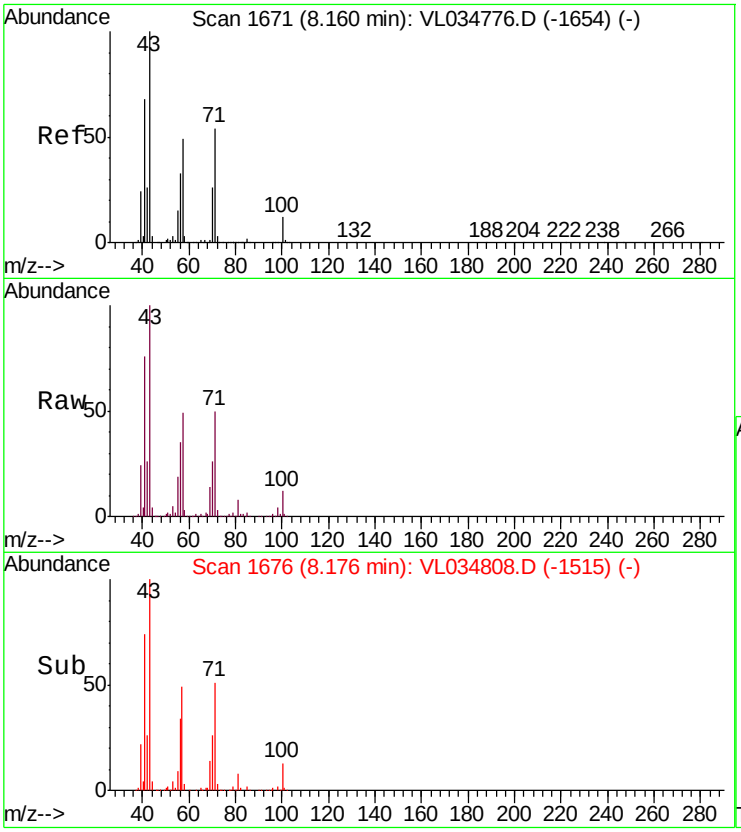


#9
Propene
Concen: 42.060 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 41 Resp: 841231

Ion	Ratio	Lower	Upper
41	100		
42	65.7	55.6	83.4



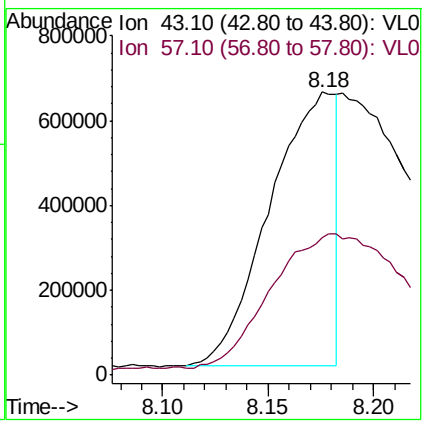


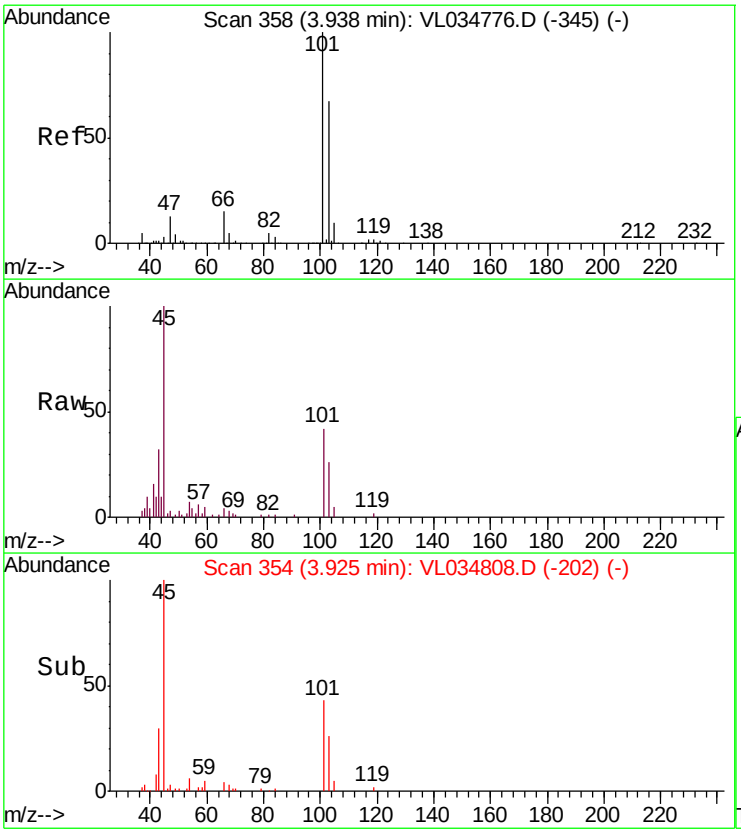
#10
Heptane
Concen: 27.682 ppbv
RT: 8.18 min Scan# 1676
Delta R.T. 0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 43 Resp: 1407094

Ion	Ratio	Lower	Upper
43	100		
57	113.8	40.5	60.7#

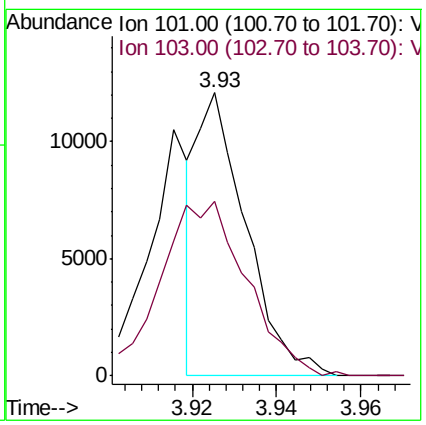


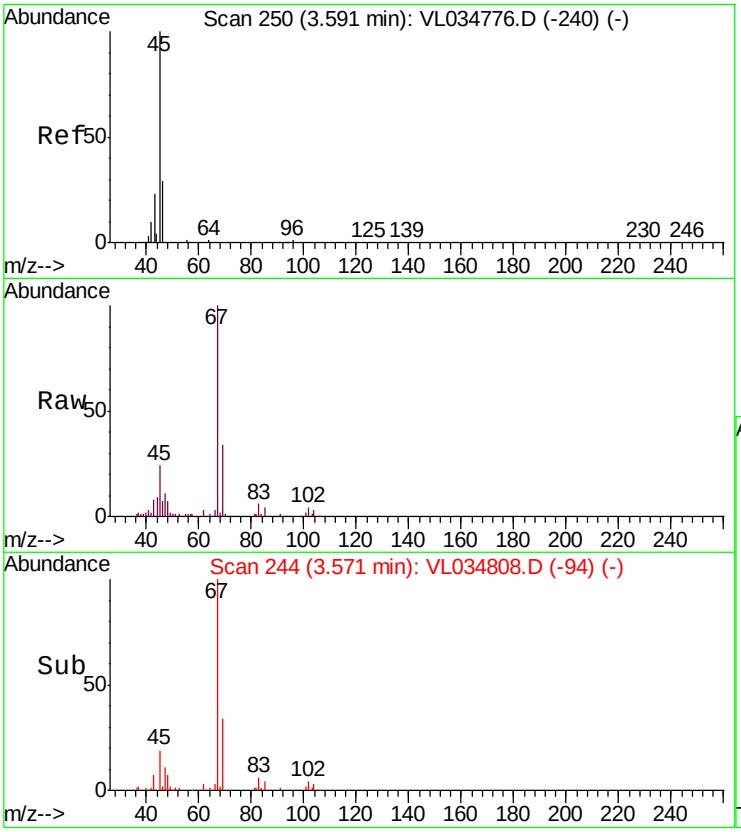


#11
Trichlorofluoromethane
Concen: 0.149 ppbv
RT: 3.93 min Scan# 354
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion:101 Resp: 9721

Ion	Ratio	Lower	Upper
101	100		
103	60.1	53.6	80.4



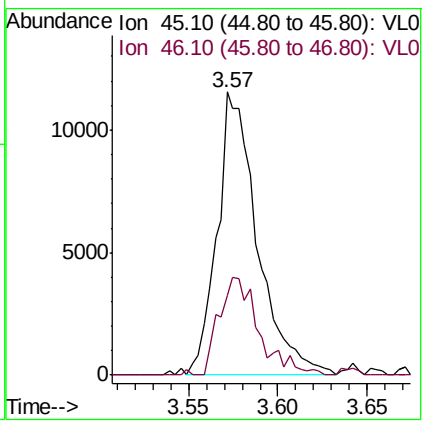


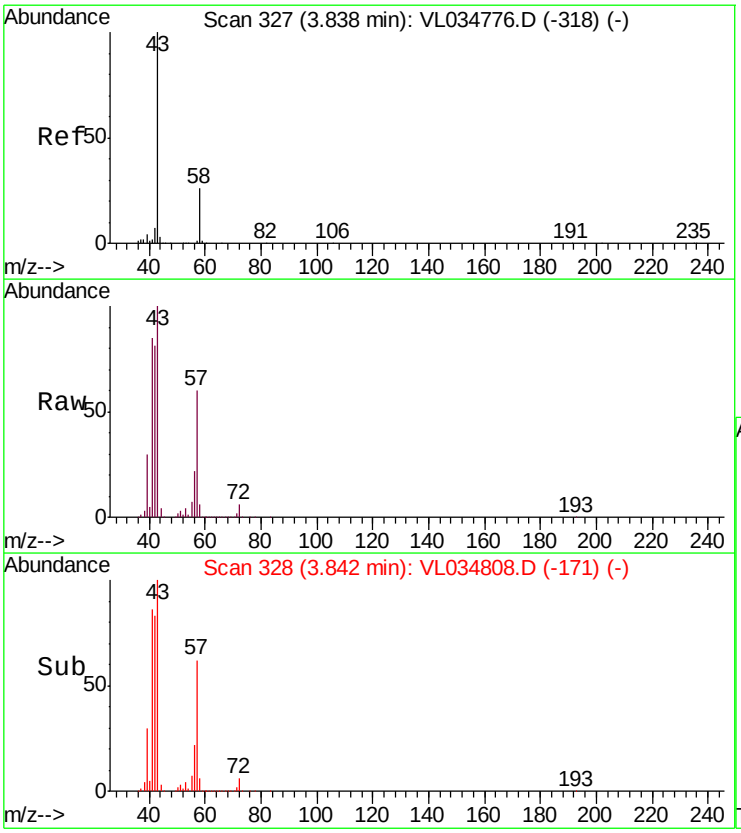
#13
Ethanol
Concen: 2.635 ppbv
RT: 3.57 min Scan# 244
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 45 Resp: 18060

Ion	Ratio	Lower	Upper
45	100		
46	34.5	14.7	58.9

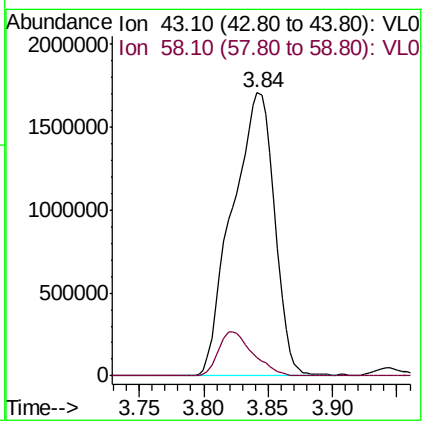


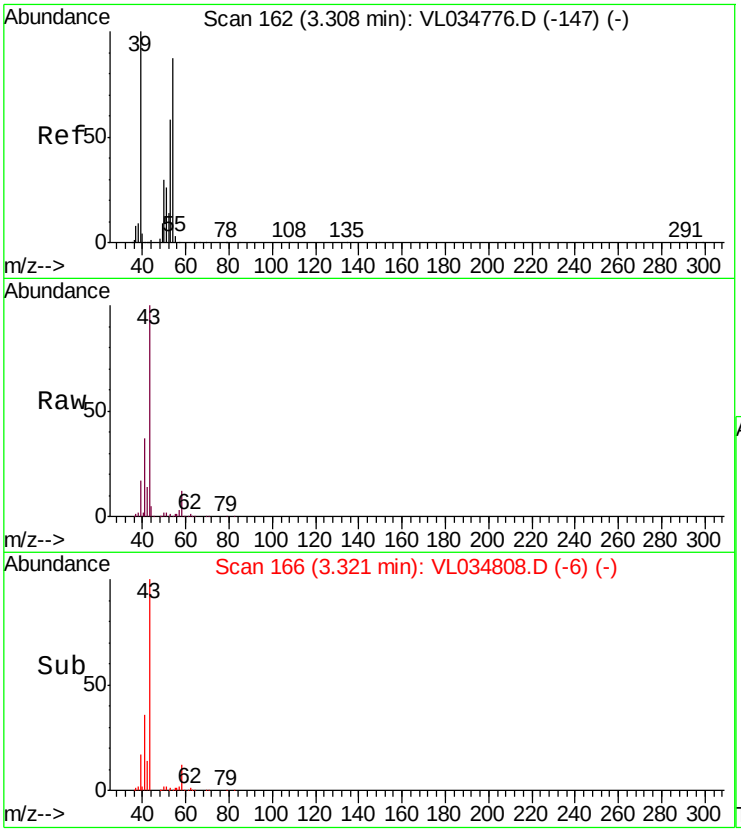


#15
Acetone
Concen: 72.927 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 43 Resp: 3894990

Ion	Ratio	Lower	Upper
43	100		
58	12.9	21.0	31.6#



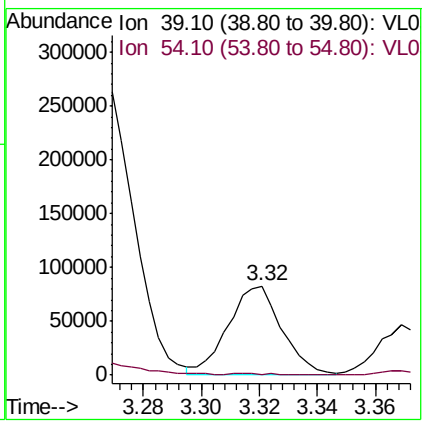


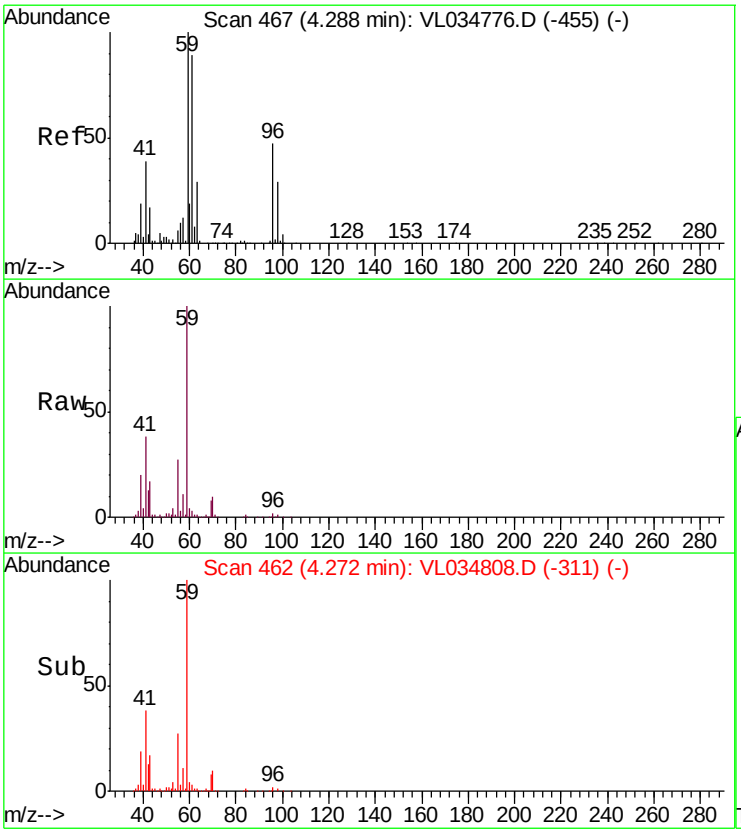
#16
1,3-Butadiene
Concen: 4.278 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 39 Resp: 103383

Ion	Ratio	Lower	Upper
39	100		
54	0.0	64.2	96.2#

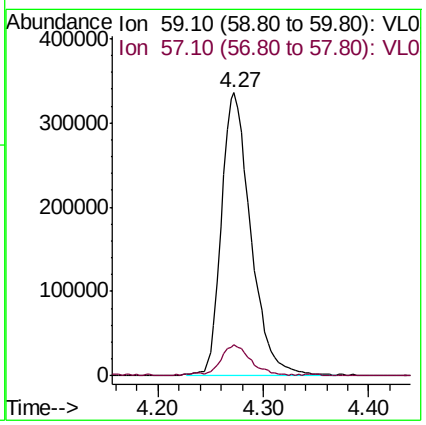


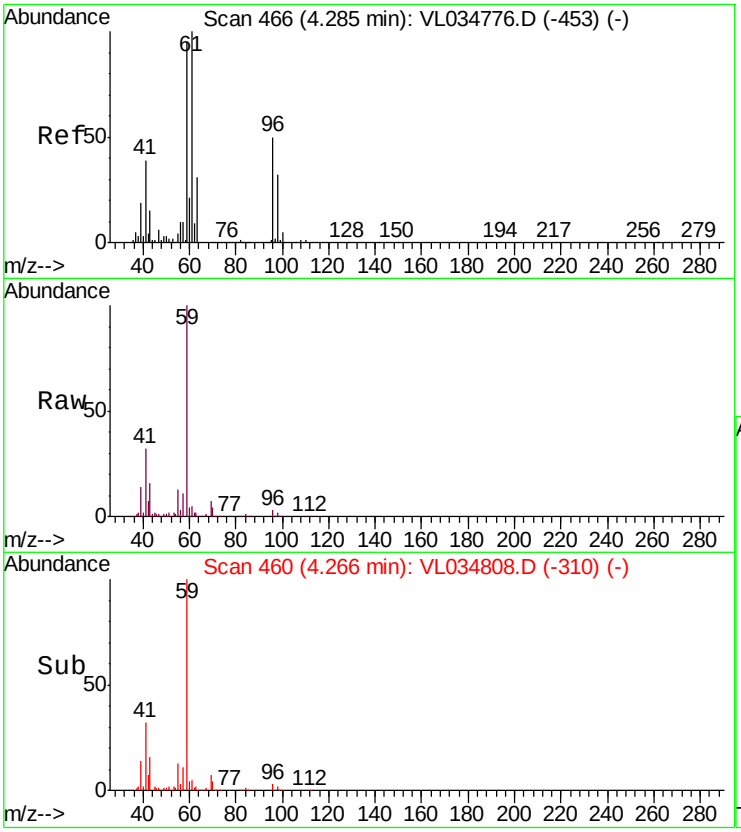


#17
tert-Butyl alcohol
Concen: 15.251 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 59 Resp: 642297

Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.6	13.0



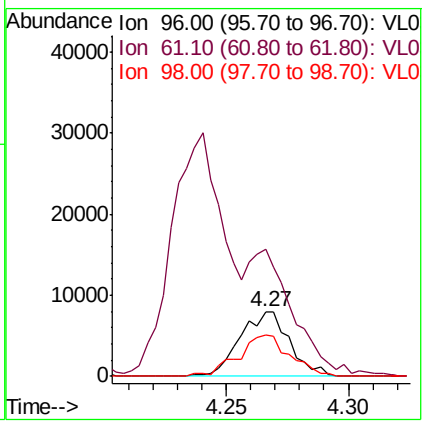


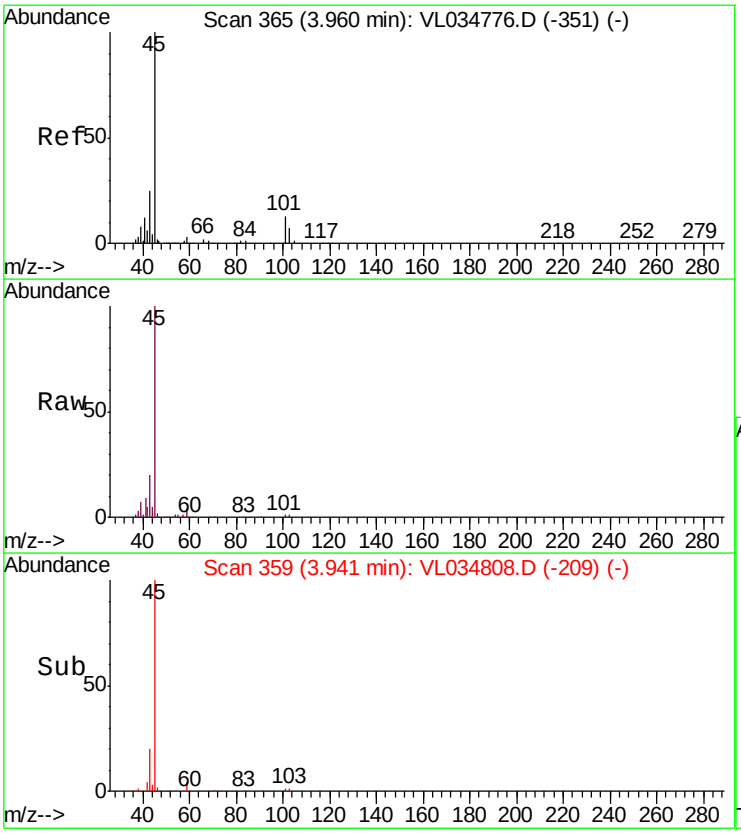
#18
1,1-Dichloroethene
Concen: 0.567 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 96 Resp: 11232

Ion	Ratio	Lower	Upper
96	100		
61	187.0	159.5	239.3
98	64.1	51.1	76.7

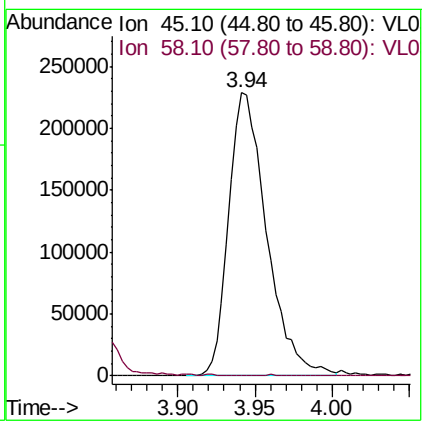


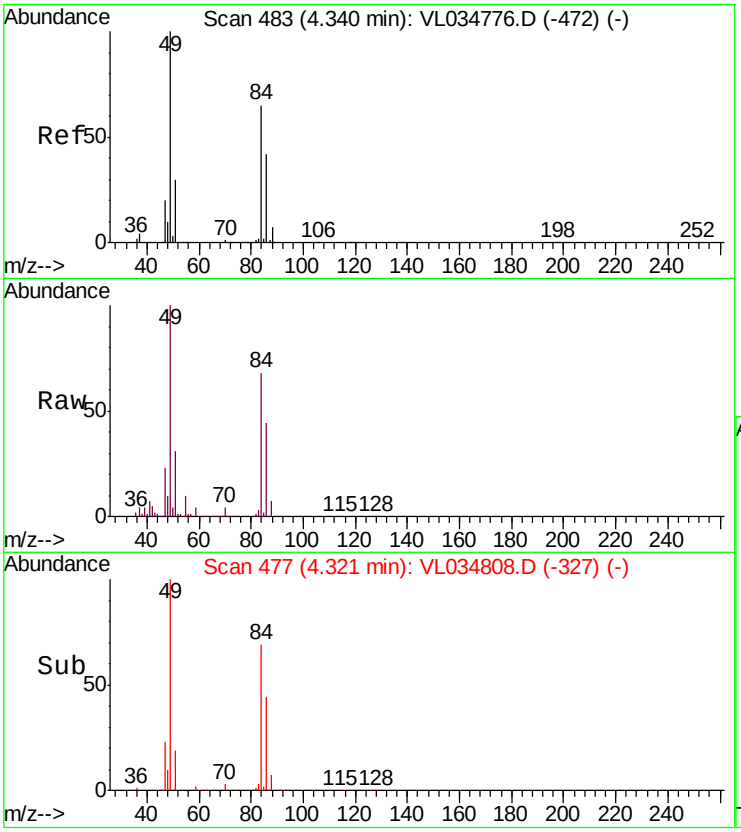


#19
Isopropyl Alcohol
Concen: 12.194 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 45 Resp: 390219

Ion	Ratio	Lower	Upper
45	100		
58	128.1	1.8	2.8#



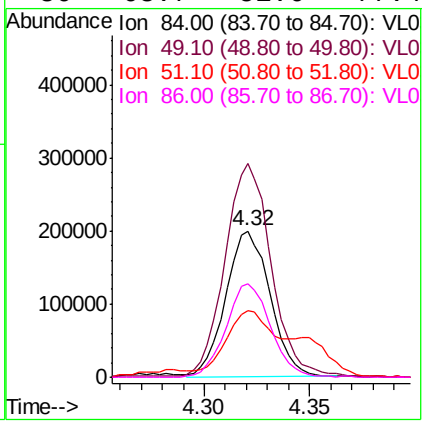


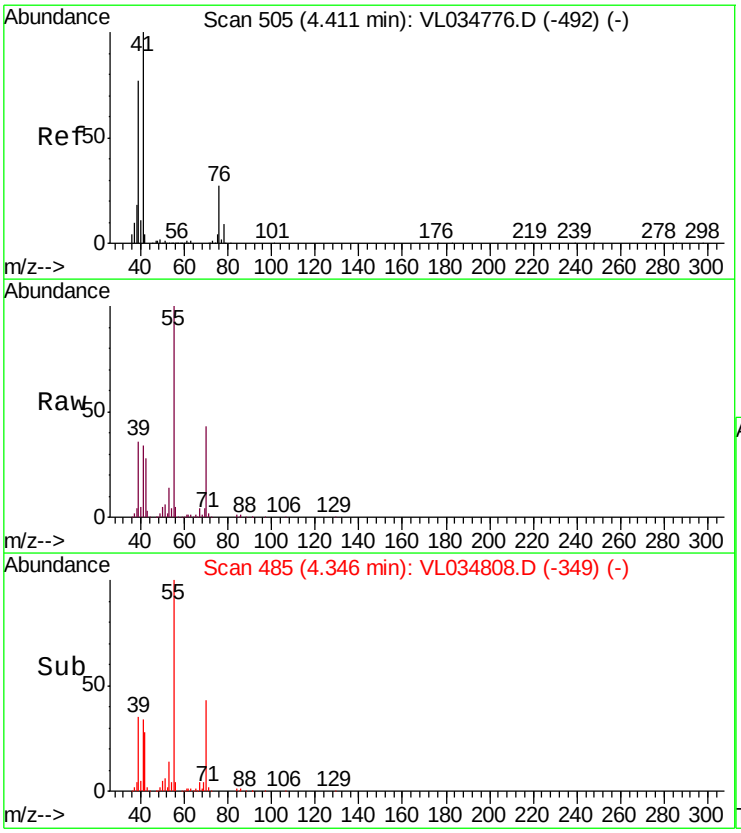
#20
Methylene Chloride
Concen: 15.229 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 84 Resp: 290293

Ion	Ratio	Lower	Upper
84	100		
49	144.9	123.2	184.8
51	41.6	37.4	56.2
86	63.7	51.6	77.4

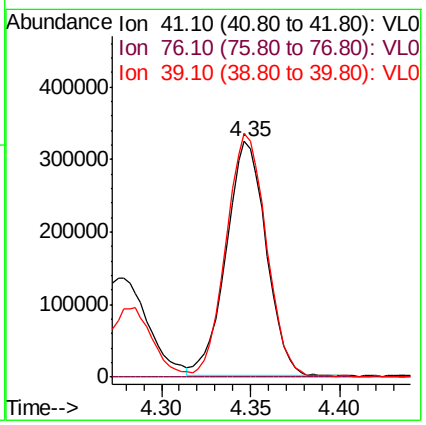


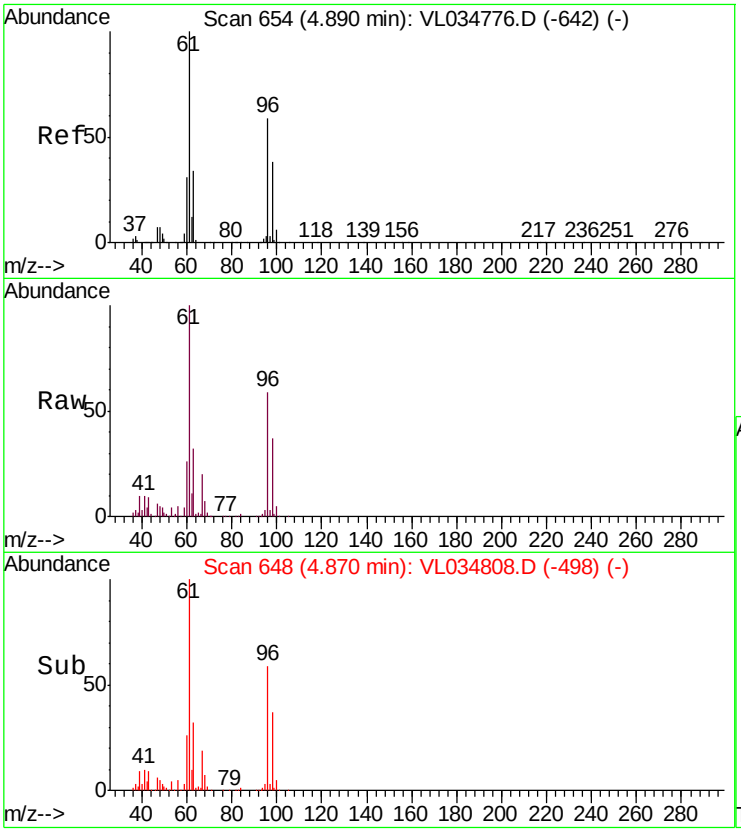


#21
Allyl Chloride
Concen: 14.942 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.06 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 41 Resp: 505359

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.5	33.7#
39	104.4	65.0	97.6#



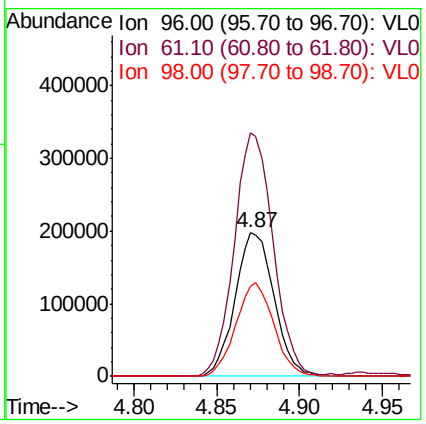


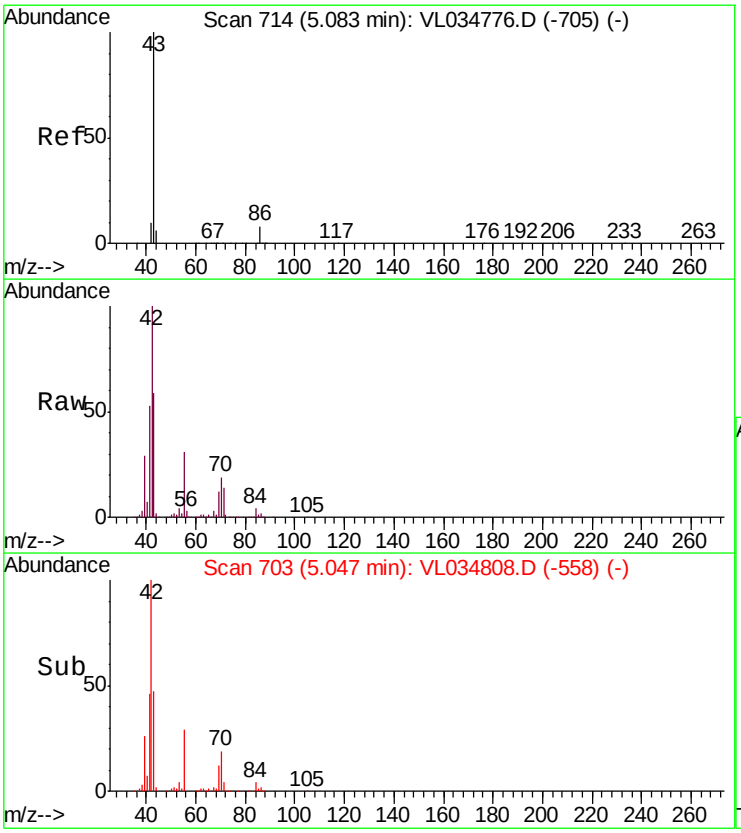
#22
trans-1,2-Dichloroethene
Concen: 16.771 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 96 Resp: 324471

Ion	Ratio	Lower	Upper
96	100		
61	169.7	135.2	202.8
98	62.5	50.8	76.2

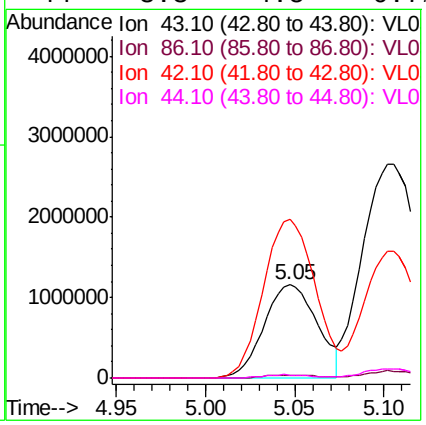


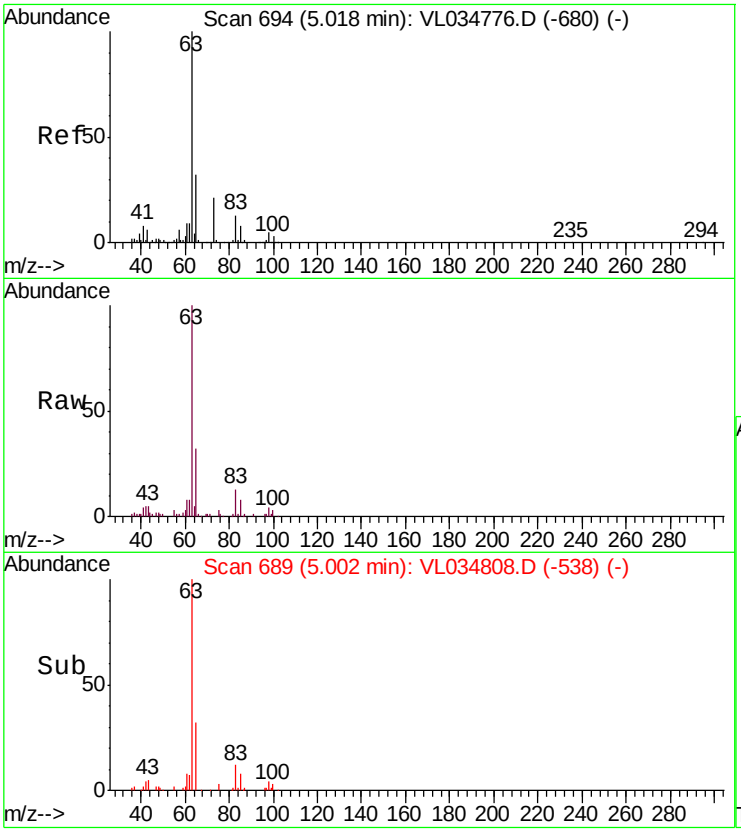


#23
Vinyl Acetate
Concen: 33.550 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.04 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 43 Resp: 2402782

Ion	Ratio	Lower	Upper
43	100		
86	3.4	5.9	8.9#
42	170.0	8.2	12.2#
44	3.3	4.5	6.7#



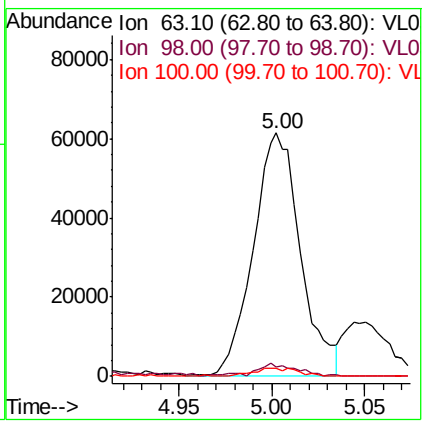


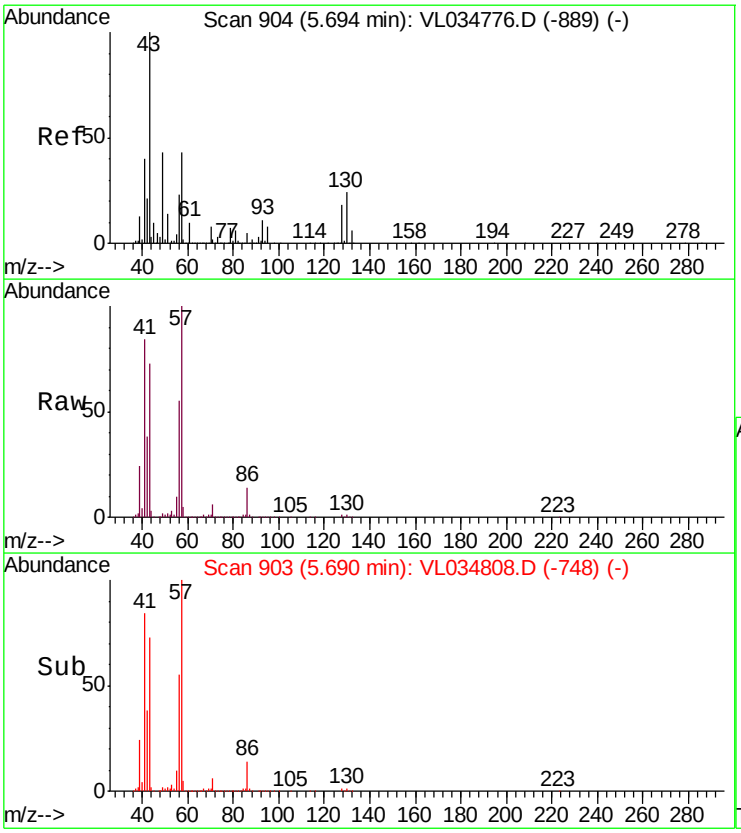
#24
1,1-Dichloroethane
Concen: 1.947 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 63 Resp: 108223

Ion	Ratio	Lower	Upper
63	100		
98	3.2	2.3	6.8
100	3.1	1.5	4.4

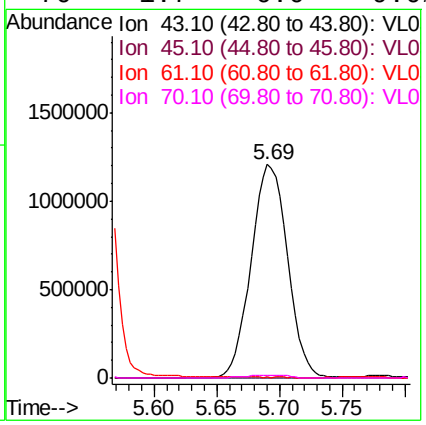


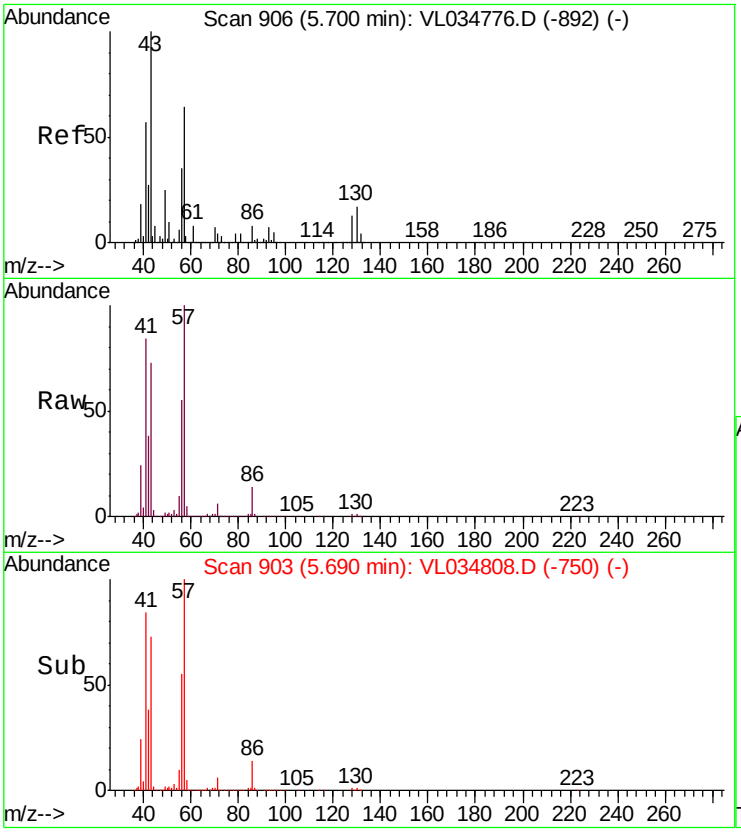


#25
Ethyl Acetate
Concen: 26.424 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 43 Resp: 2438778

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	7.5	11.3#
70	1.7	6.0	9.0#



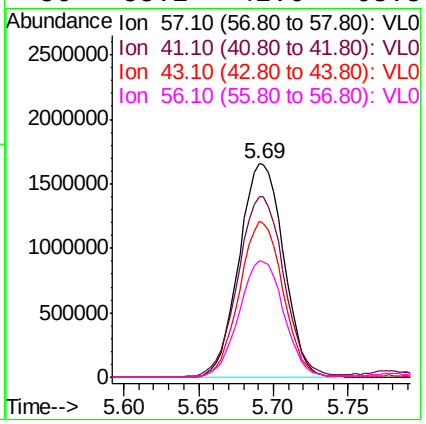


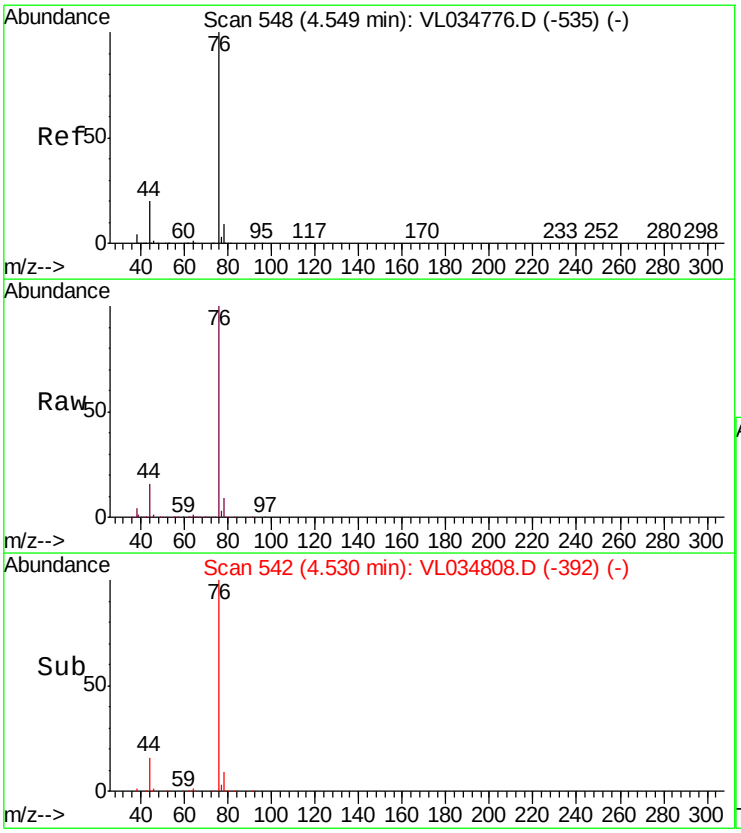
#26
Hexane
Concen: 84.616 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 57 Resp: 3411723

Ion	Ratio	Lower	Upper
57	100		
41	88.2	72.0	108.0
43	71.6	179.1	268.7#
56	55.2	42.6	63.8

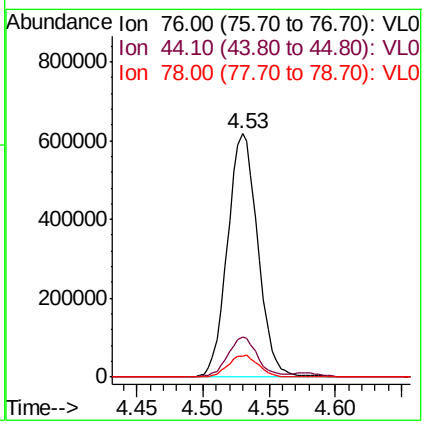


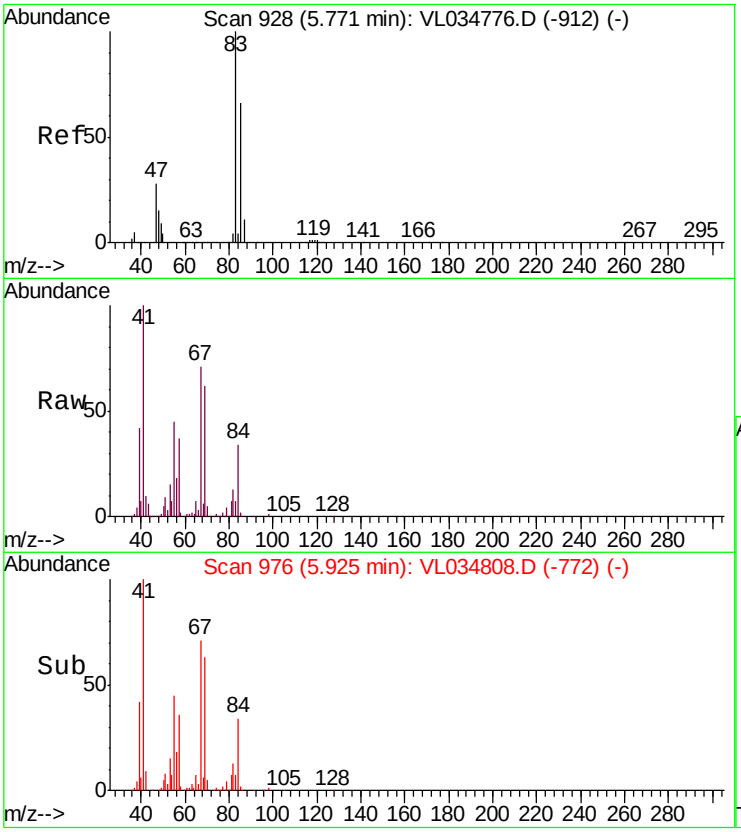


#27
Carbon Disulfide
Concen: 20.844 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 76 Resp: 981826

Ion	Ratio	Lower	Upper
76	100		
44	17.4	16.1	24.1
78	9.2	7.5	11.3



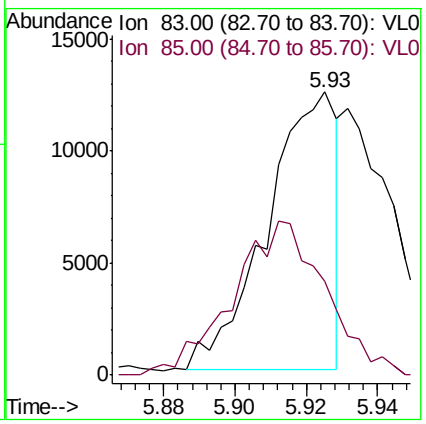


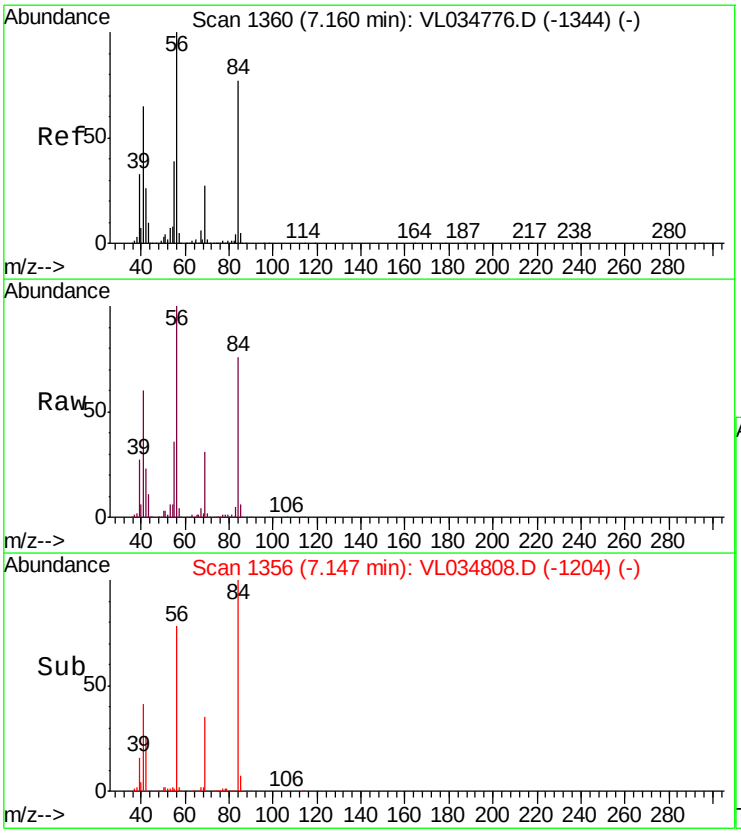
#29
Chloroform
Concen: 0.246 ppbv
RT: 5.93 min Scan# 976
Delta R.T. 0.15 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 83 Resp: 16701

Ion	Ratio	Lower	Upper
83	100		
85	21.5	53.0	79.4#

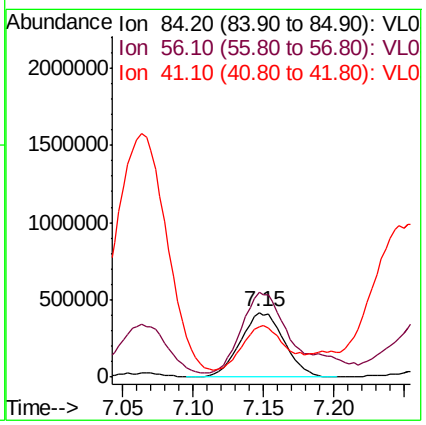


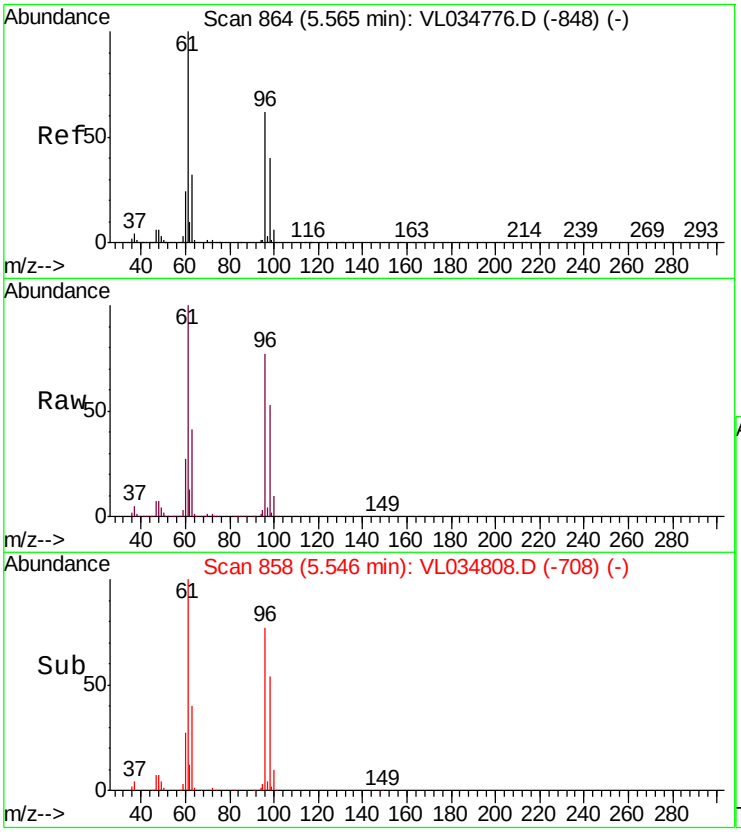


#30
Cyclohexane
Concen: 28.866 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 84 Resp: 890403

Ion	Ratio	Lower	Upper
84	100		
56	146.9	113.2	169.8
41	71.1	70.2	105.4



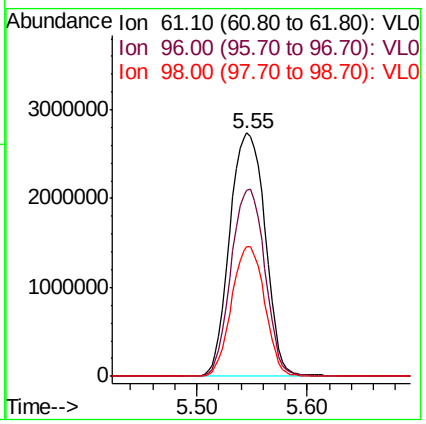


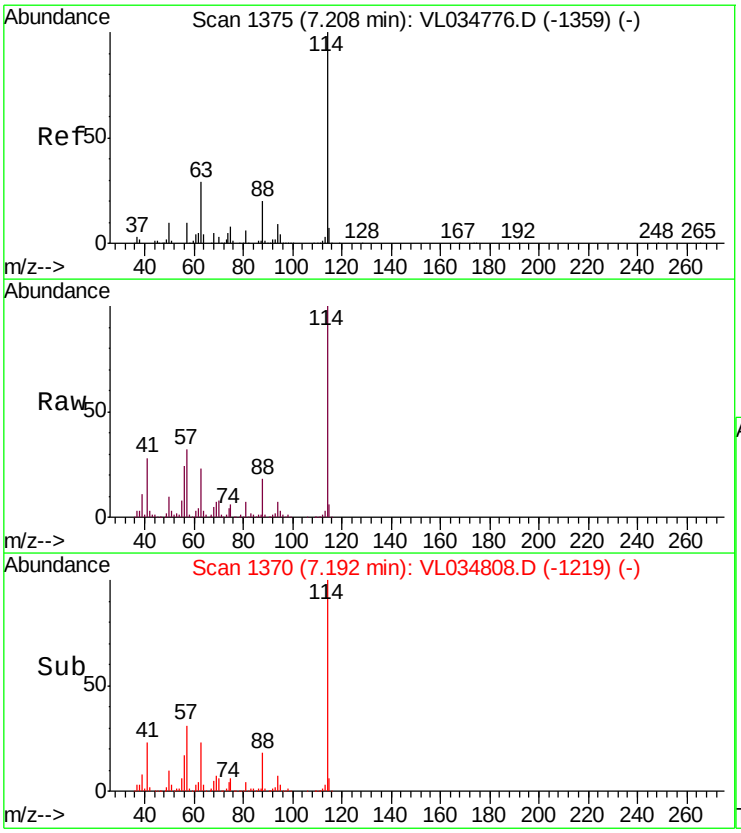
#31
cis-1,2-Dichloroethene
Concen: 147.980 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 61 Resp: 6119713

Ion	Ratio	Lower	Upper
61	100		
96	76.6	49.7	74.5#
98	53.5	31.9	47.9#

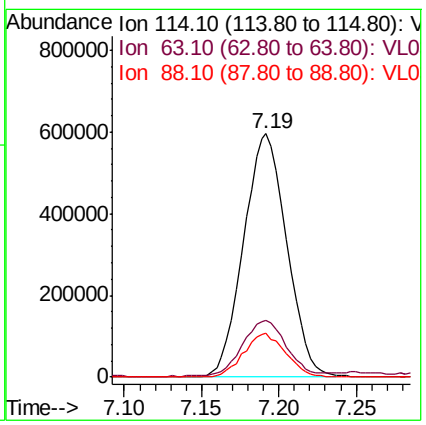


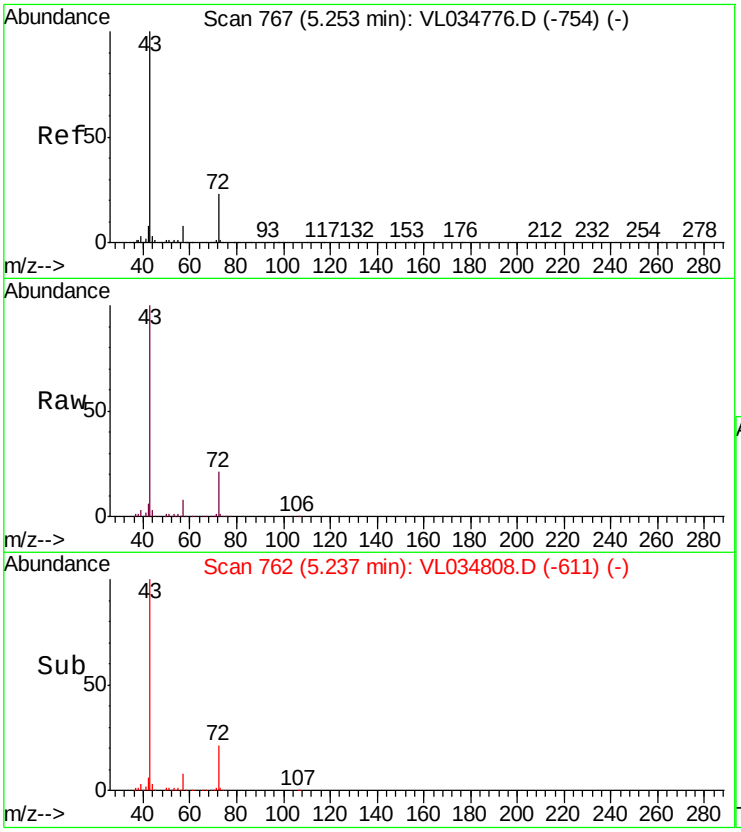


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion:114 Resp: 1154970

Ion	Ratio	Lower	Upper
114	100		
63	24.9	23.6	35.4
88	17.7	15.8	23.8



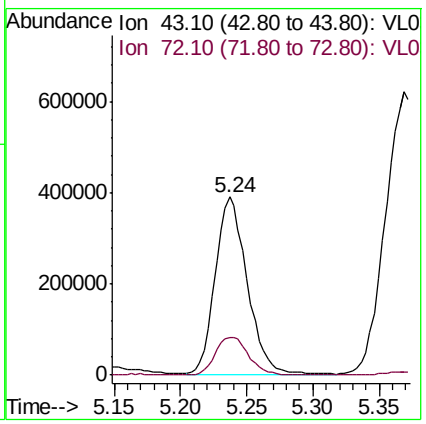


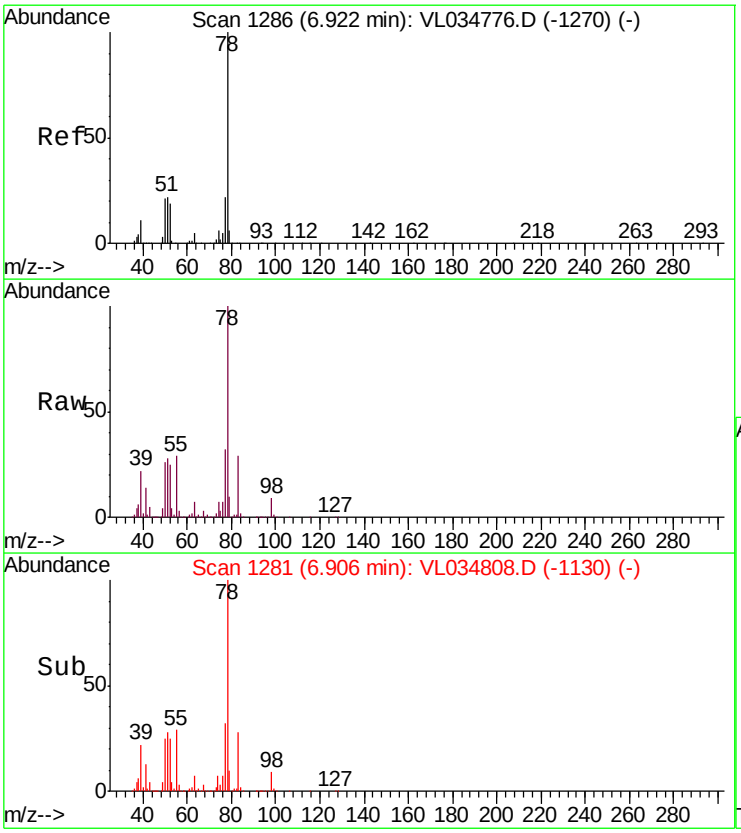
#34
2-Butanone
Concen: 8.599 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 43 Resp: 646149

Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.5	26.3

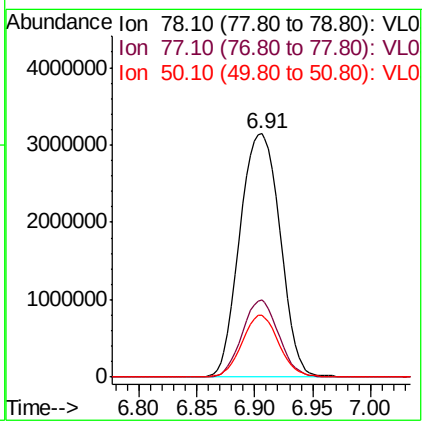


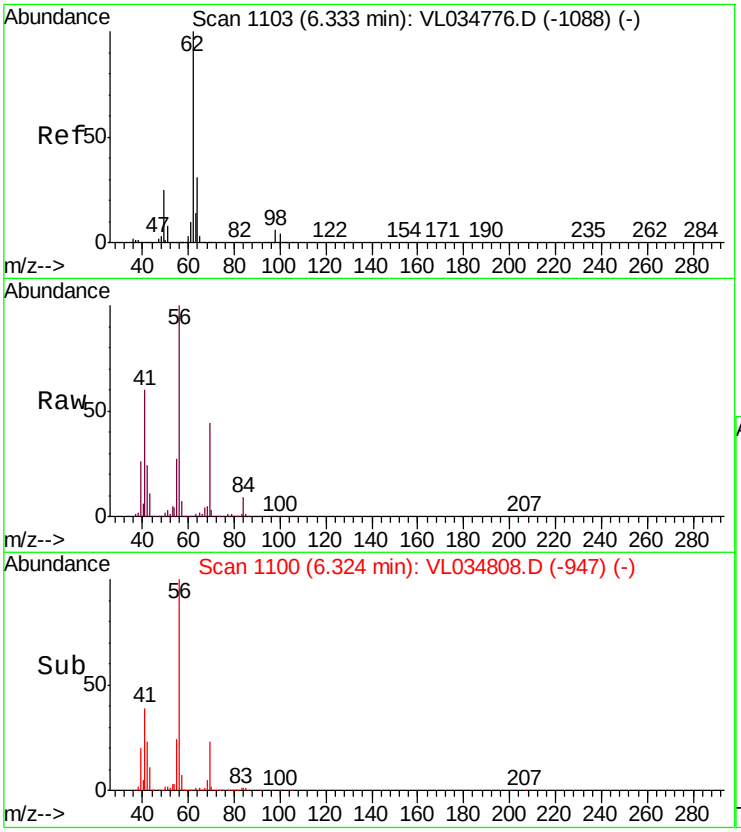


#36
Benzene
Concen: 77.095 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 78 Resp: 7608708

Ion	Ratio	Lower	Upper
78	100		
77	31.8	18.0	27.0#
50	25.4	16.9	25.3#



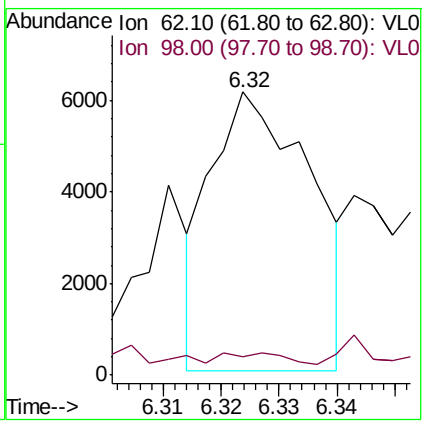


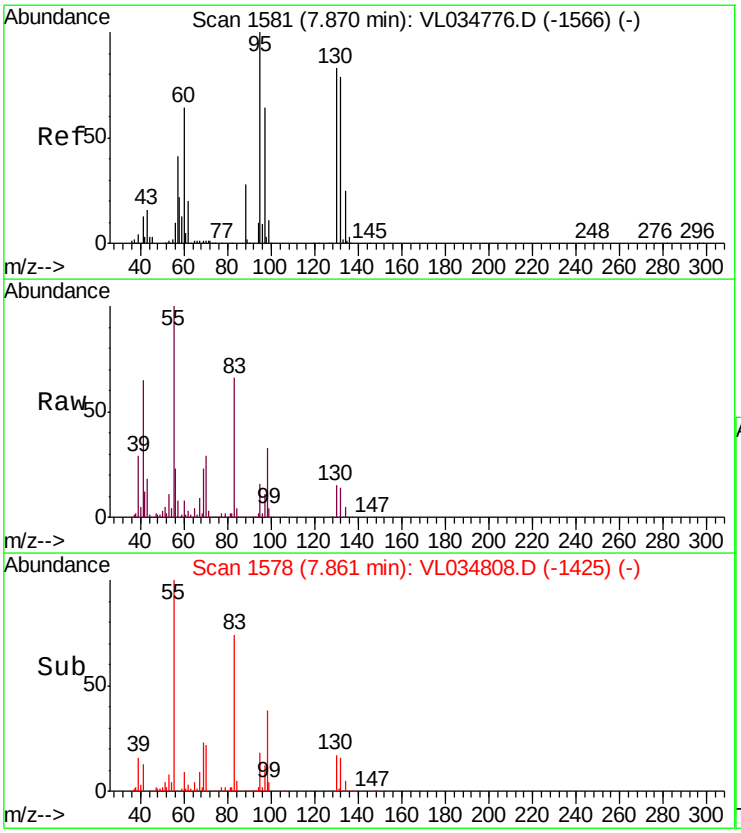
#37
1,2-Dichloroethane
Concen: 0.108 ppbv
RT: 6.32 min Scan# 1100
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 62 Resp: 7307

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.4	6.6#

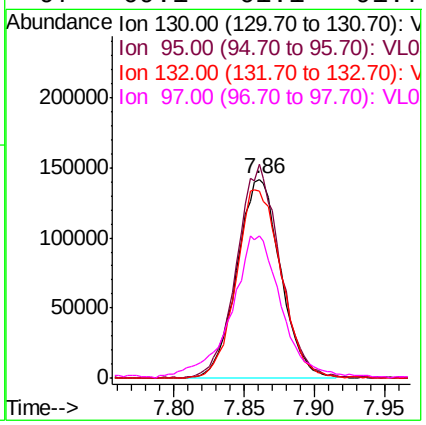


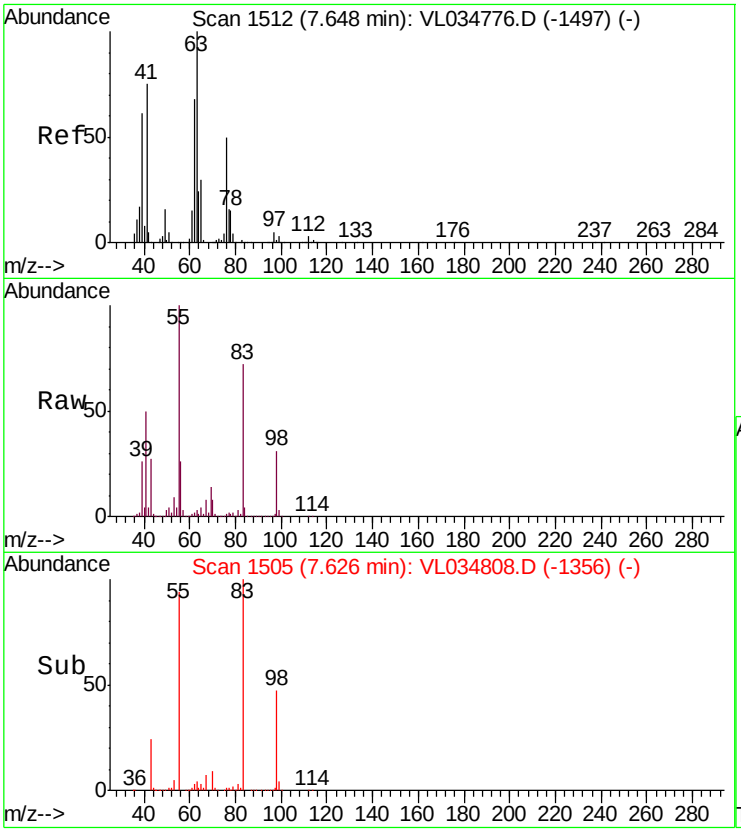


#38
Trichloroethene
Concen: 7.986 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion:130 Resp: 307175

Ion	Ratio	Lower	Upper
130	100		
95	107.0	95.8	143.8
132	94.1	76.1	114.1
97	69.1	61.1	91.7



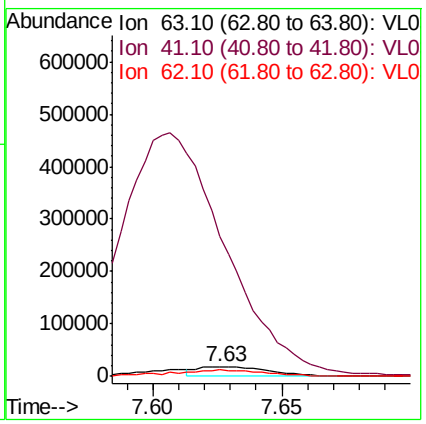


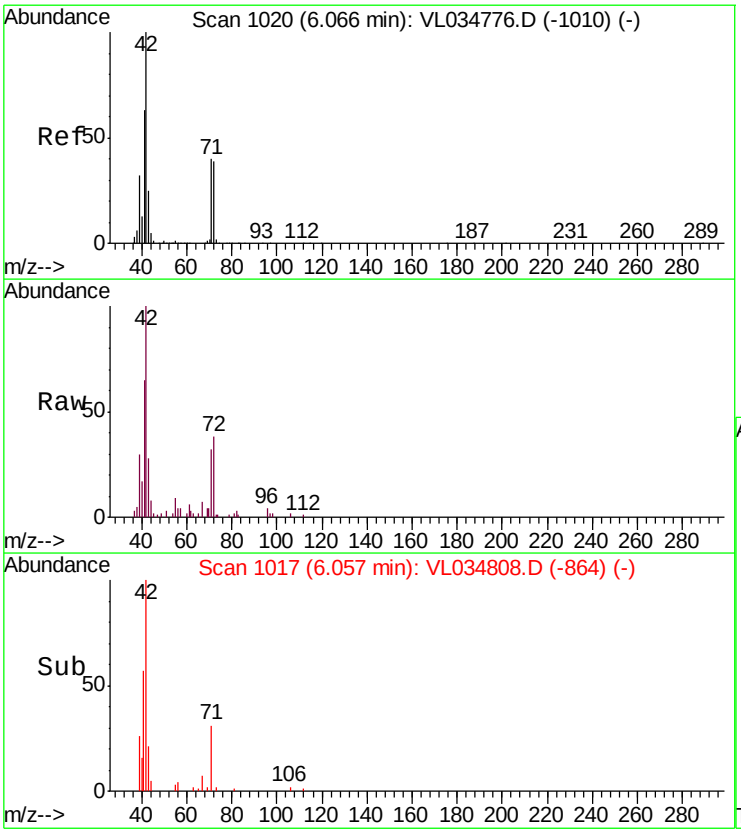
#39
1,2-Dichloropropane
Concen: 0.851 ppbv
RT: 7.63 min Scan# 1505
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 63 Resp: 33913

Ion	Ratio	Lower	Upper
63	100		
41	1461.1	60.3	90.5#
62	64.1	54.5	81.7

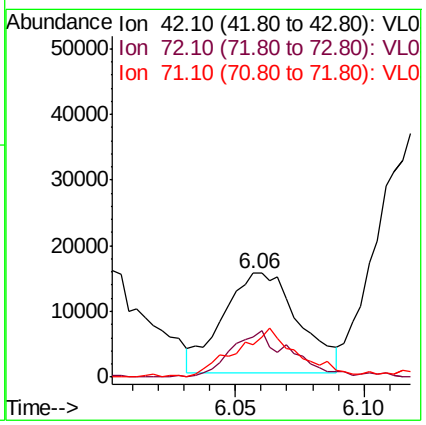


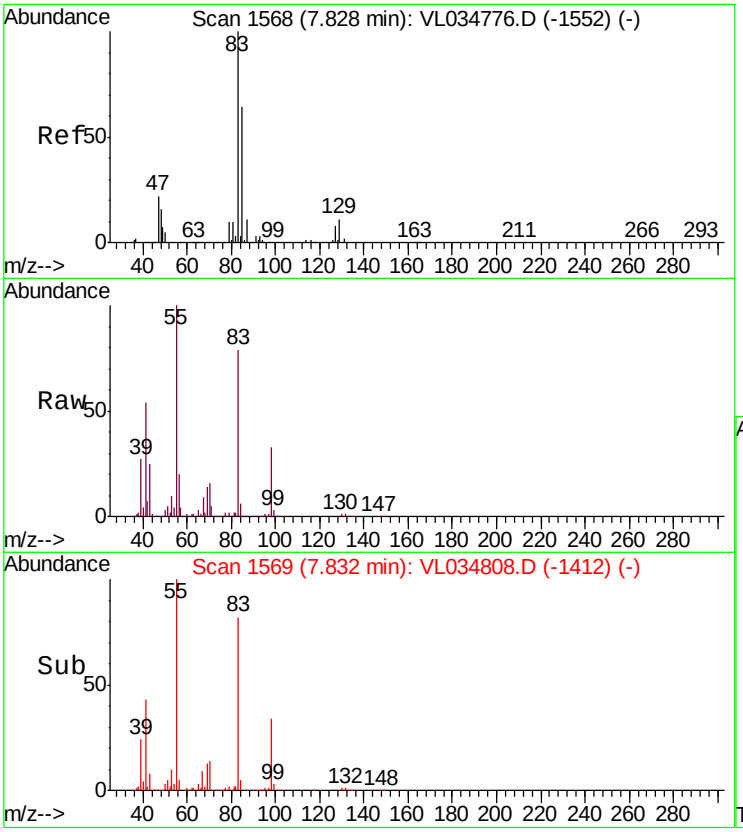


#41
Tetrahydrofuran
Concen: 0.821 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 42 Resp: 31468

Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.0	48.0
71	38.3	31.3	46.9



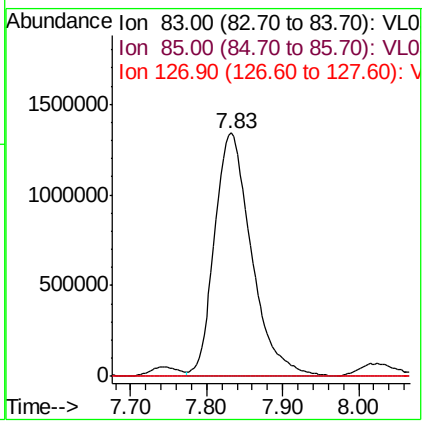


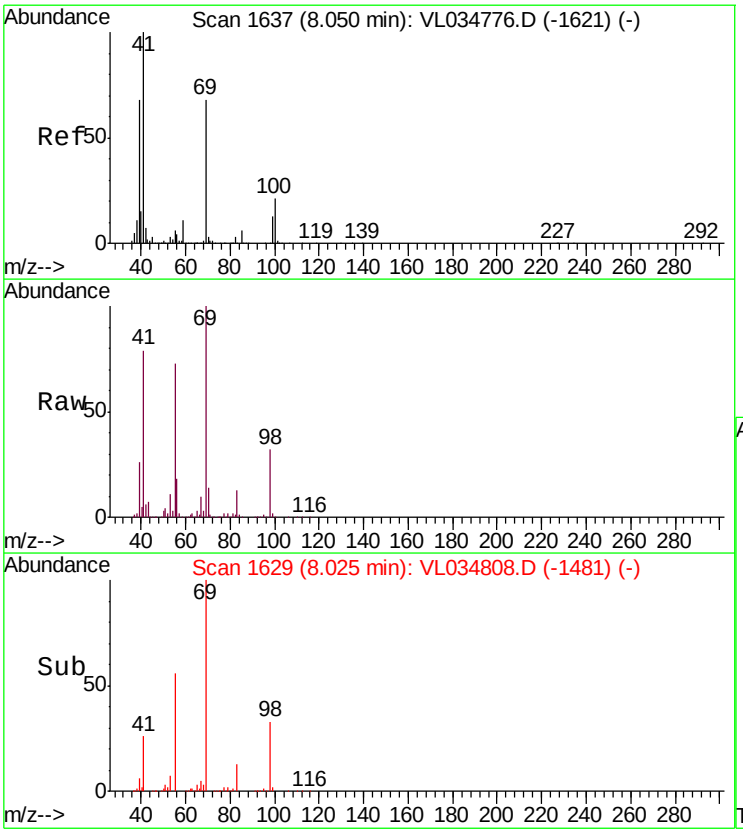
#42
Bromodichloromethane
Concen: 52.860 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion: 83 Resp: 4508712

Ion	Ratio	Lower	Upper
83	100		
85	0.2	50.8	76.2#
127	0.0	6.5	9.7#

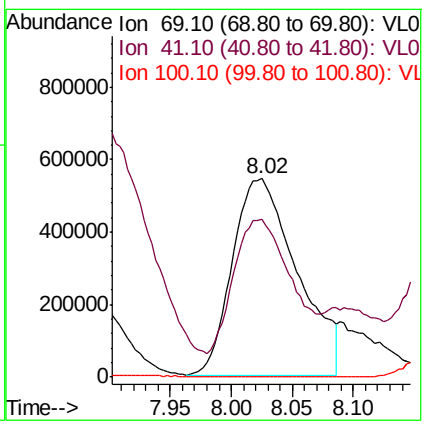


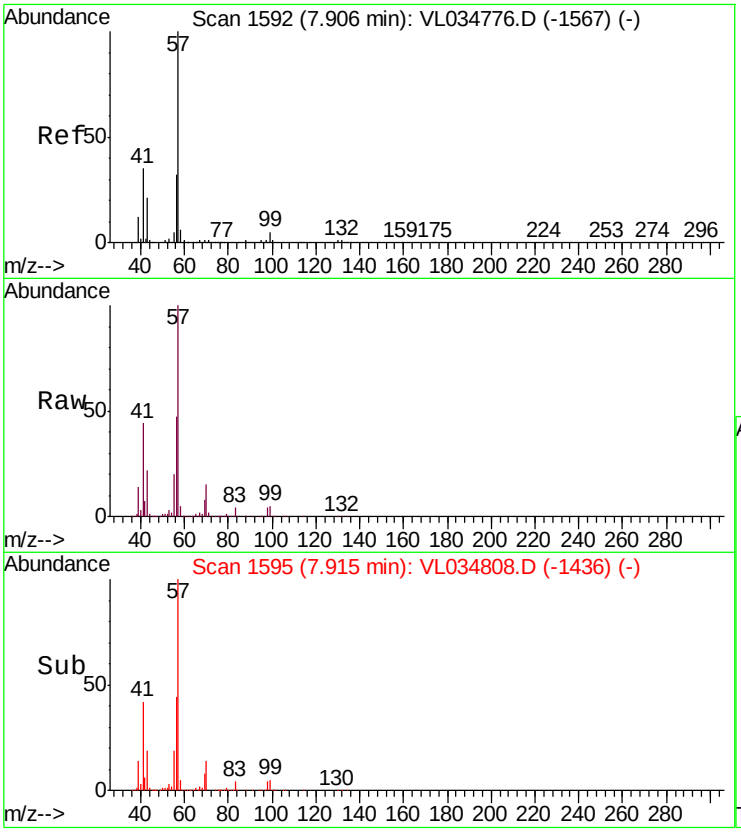


#43
Methyl Methacrylate
Concen: 47.659 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. -0.03 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 69 Resp: 1993153

Ion	Ratio	Lower	Upper
69	100		
41	58.8	121.6	182.4#
100	0.0	23.8	35.8#



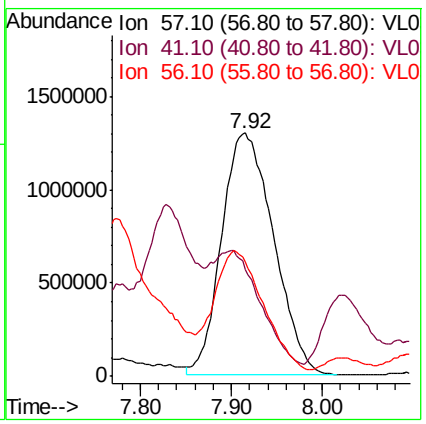


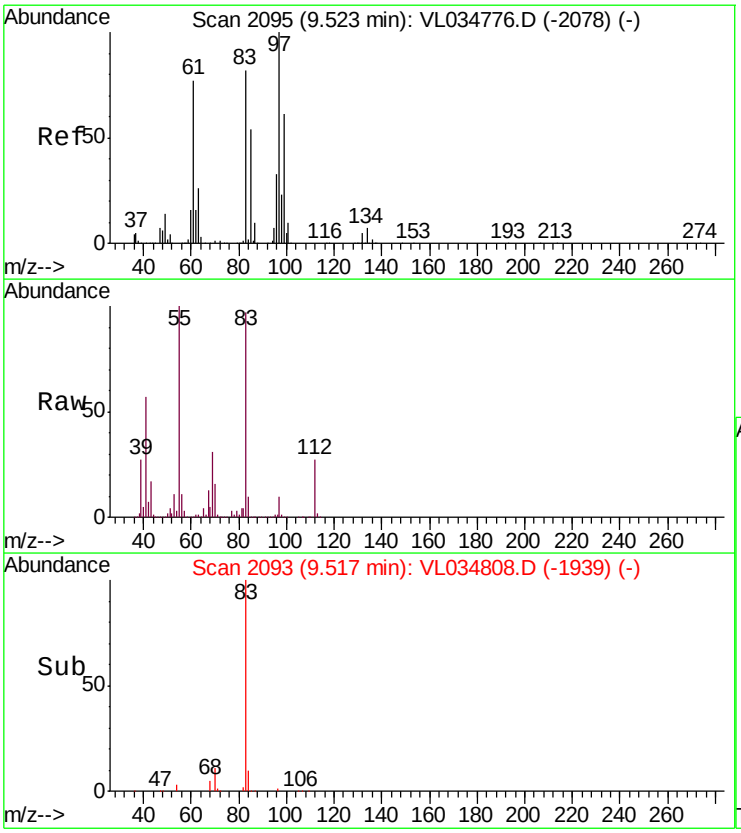
#44
2,2,4-Trimethylpentane
Concen: 29.687 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 57 Resp: 5120015

Ion	Ratio	Lower	Upper
57	100		
41	43.5	27.4	41.0#
56	46.8	25.0	37.6#

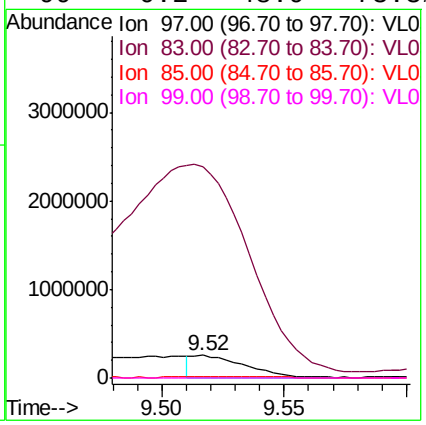


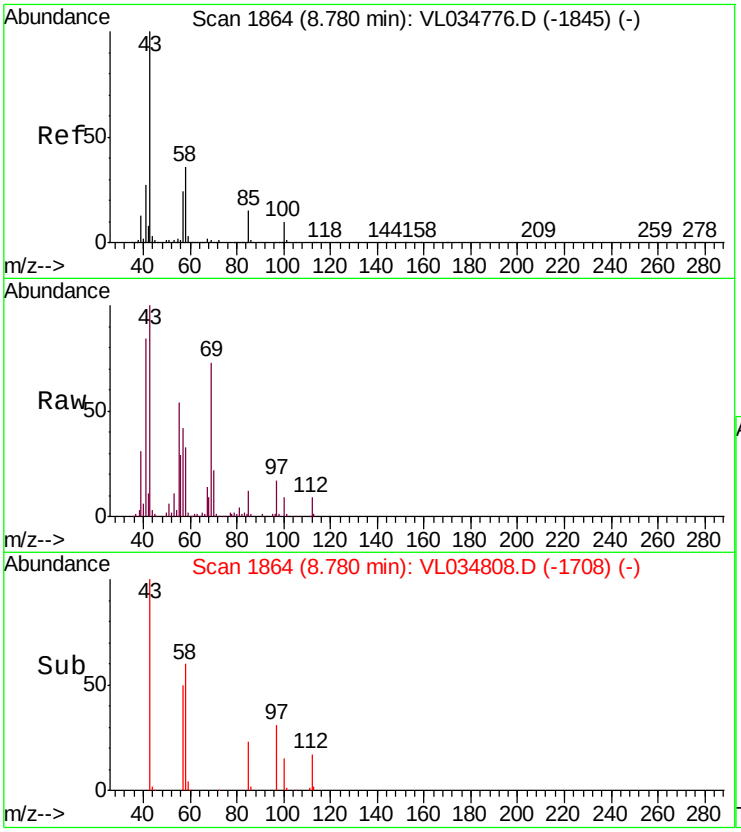


#47
1,1,2-Trichloroethane
Concen: 8.694 ppbv
RT: 9.52 min Scan# 2093
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 97 Resp: 365584

Ion	Ratio	Lower	Upper
97	100		
83	924.5	65.2	97.8#
85	2.1	43.6	65.4#
99	0.2	48.9	73.3#



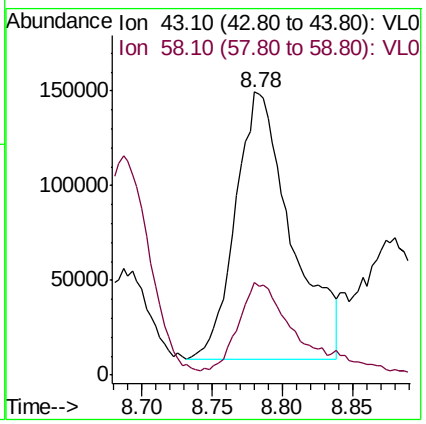


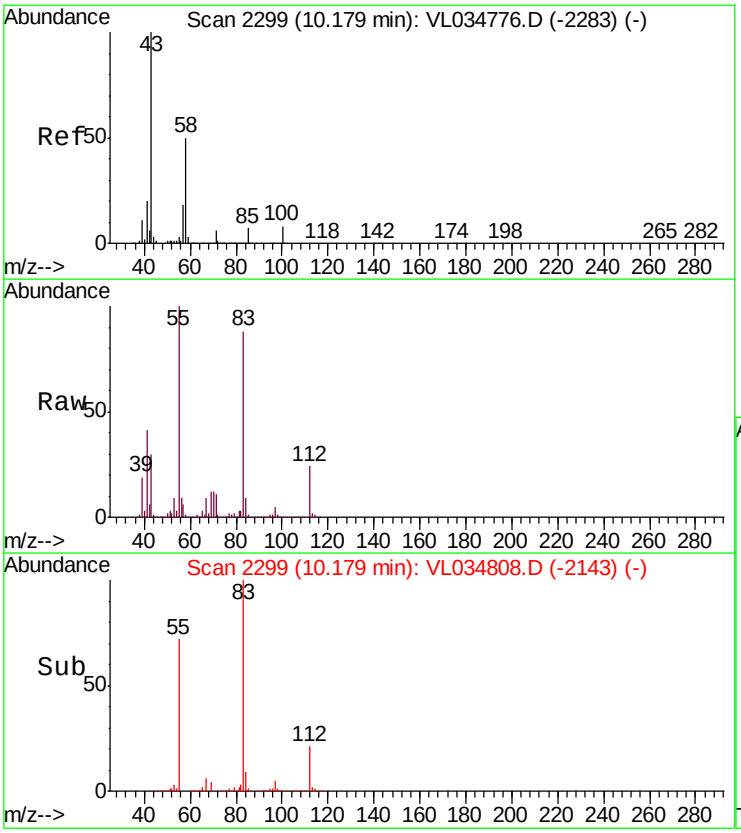
#50
4-Methyl-2-Pentanone
Concen: 3.640 ppbv
RT: 8.78 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 43 Resp: 391865

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.7	43.1#

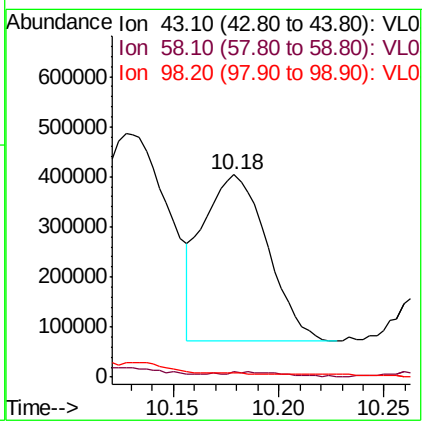


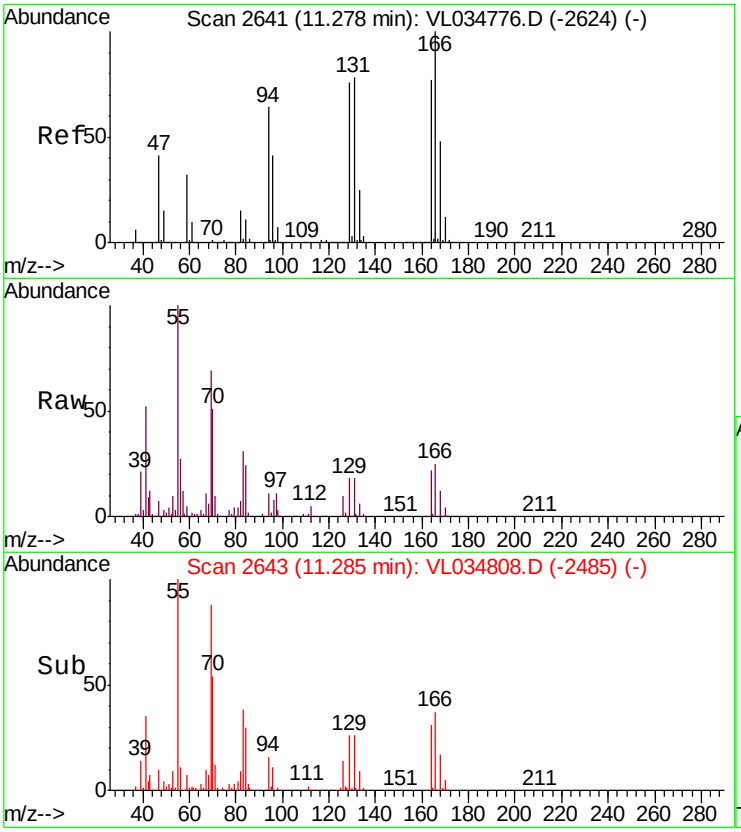


#51
2-Hexanone
Concen: 8.353 ppbv
RT: 10.18 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 43 Resp: 705474

Ion	Ratio	Lower	Upper
43	100		
58	3.2	38.6	58.0#
98	0.0	0.2	0.4#



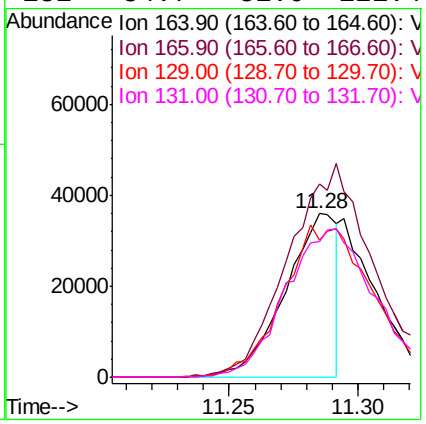


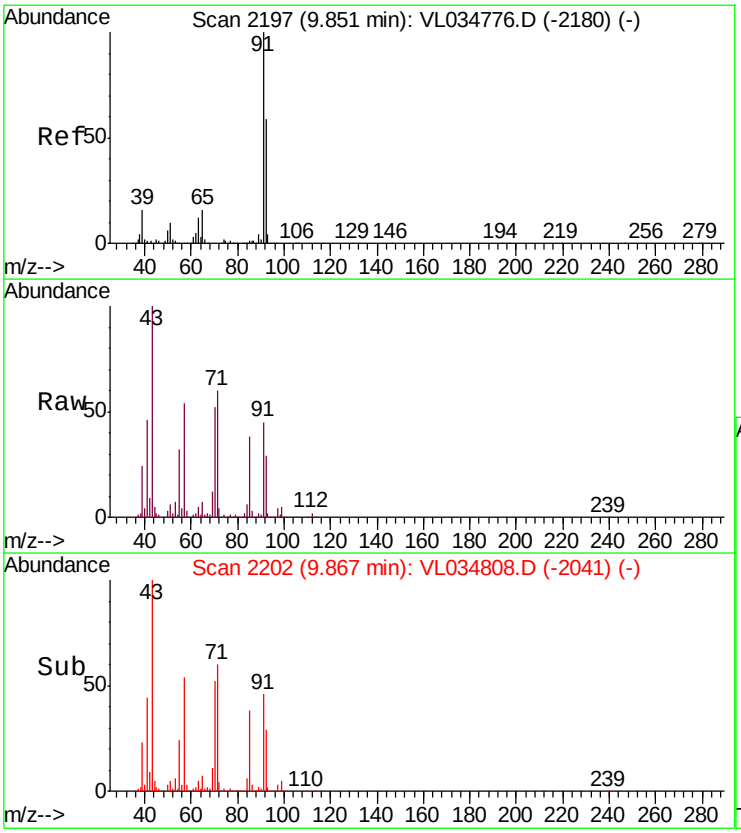
#52
Tetrachloroethene
Concen: 1.371 ppbv
RT: 11.28 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion:164 Resp: 49974

Ion	Ratio	Lower	Upper
164	100		
166	117.8	103.3	154.9
129	83.4	79.0	118.4
131	84.7	81.0	121.4

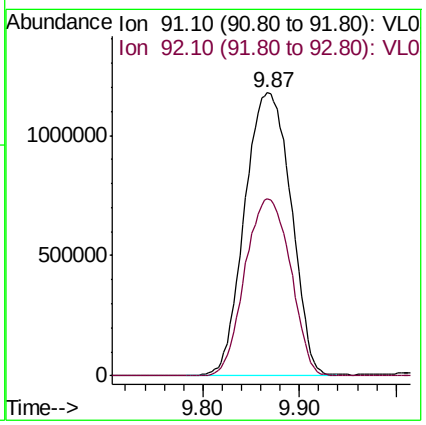


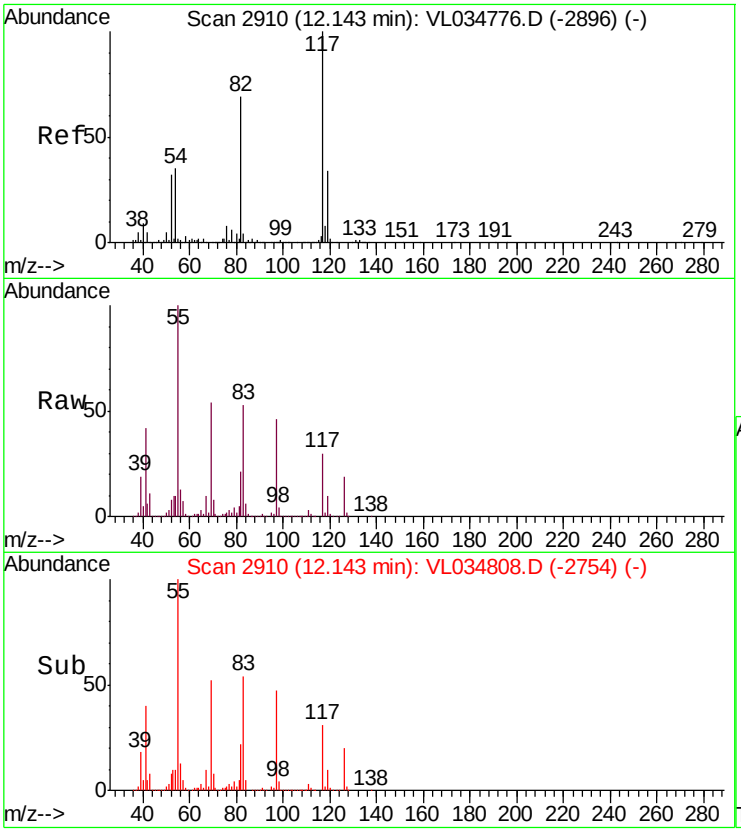


#53
Toluene
Concen: 37.419 ppbv
RT: 9.87 min Scan# 2202
Delta R.T. 0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 91 Resp: 3908532

Ion	Ratio	Lower	Upper
91	100		
92	61.8	48.2	72.2



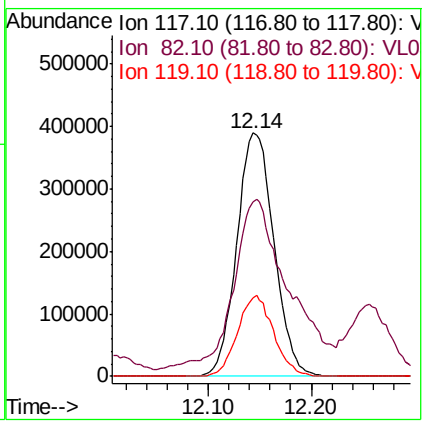


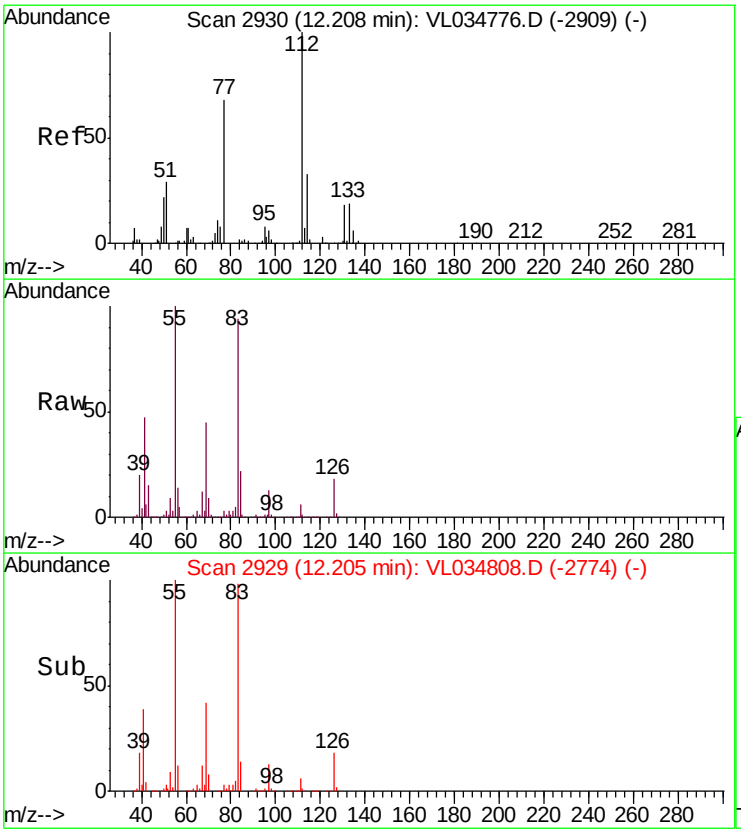
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion:117 Resp: 977039

Ion	Ratio	Lower	Upper
117	100		
82	109.7	53.9	80.9#
119	32.2	25.0	37.4

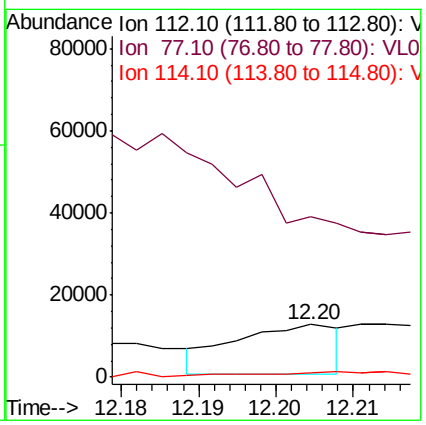


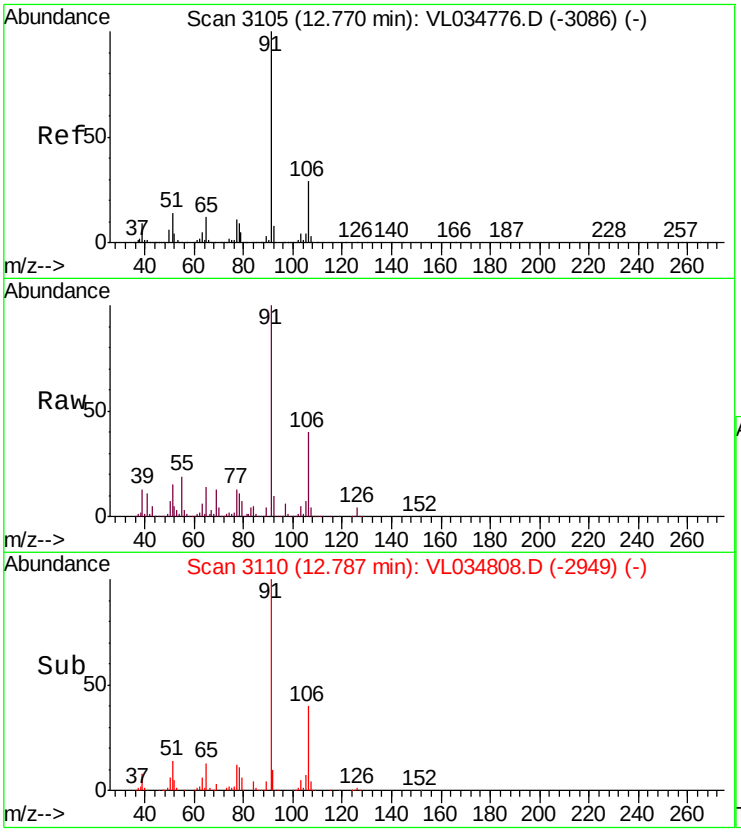


#57
Chlorobenzene
Concen: 0.154 ppbv
RT: 12.20 min Scan# 2929
Delta R.T. -0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion:112 Resp: 11479

Ion	Ratio	Lower	Upper
112	100		
77	27.0	55.6	83.4#
114	14.0	29.4	36.0#



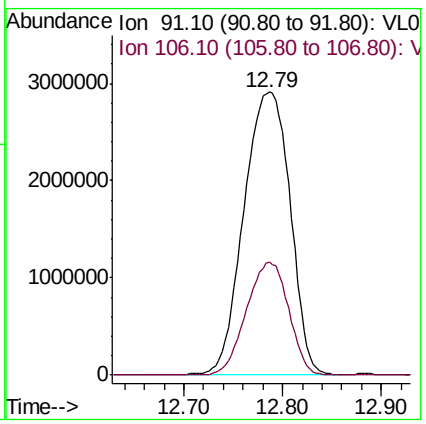


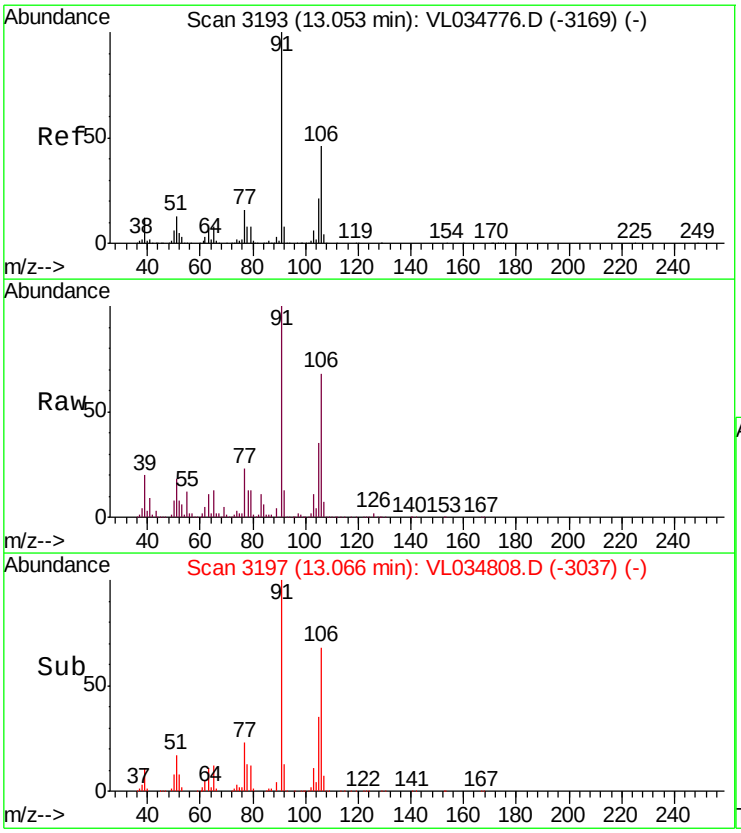
#58
Ethyl Benzene
Concen: 77.665 ppbv
RT: 12.79 min Scan# 3110
Delta R.T. 0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 91 Resp: 9351299

Ion	Ratio	Lower	Upper
91	100		
106	40.0	22.8	34.2#

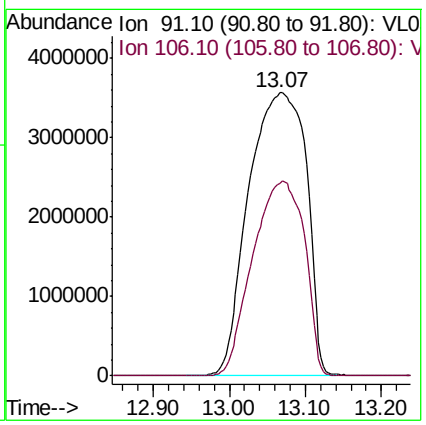


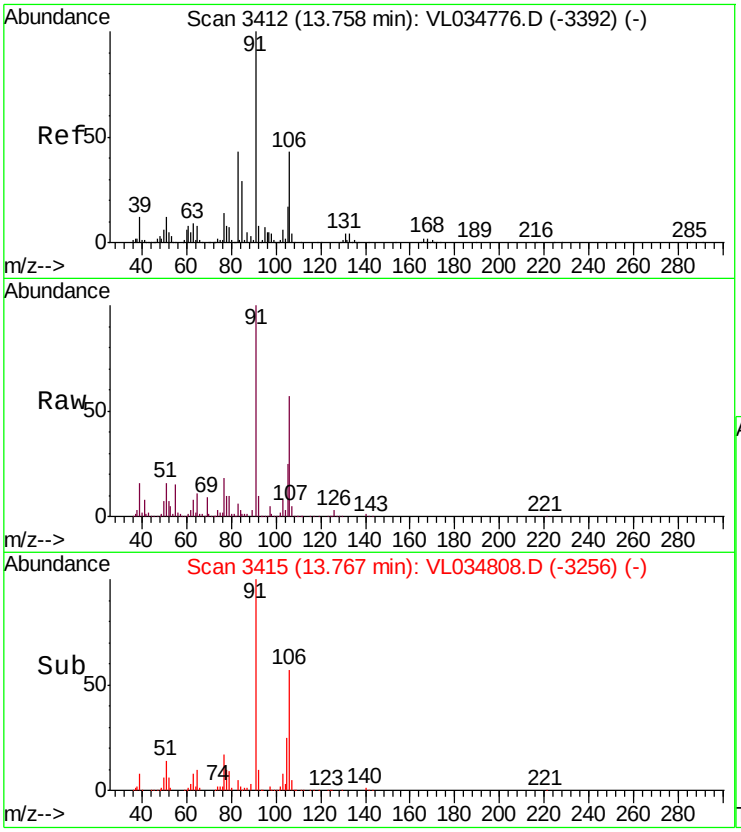


#59
m/p-Xylene
Concen: 179.189 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 91 Resp:18676406

Ion	Ratio	Lower	Upper
91	100		
106	62.2	35.8	53.8#



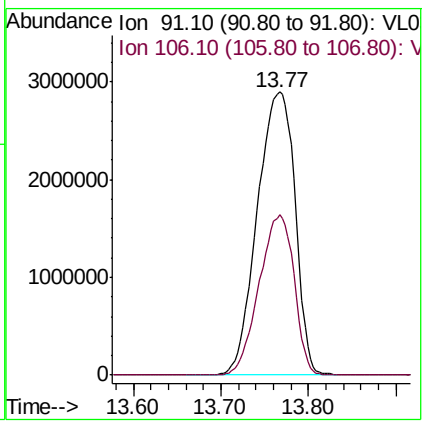


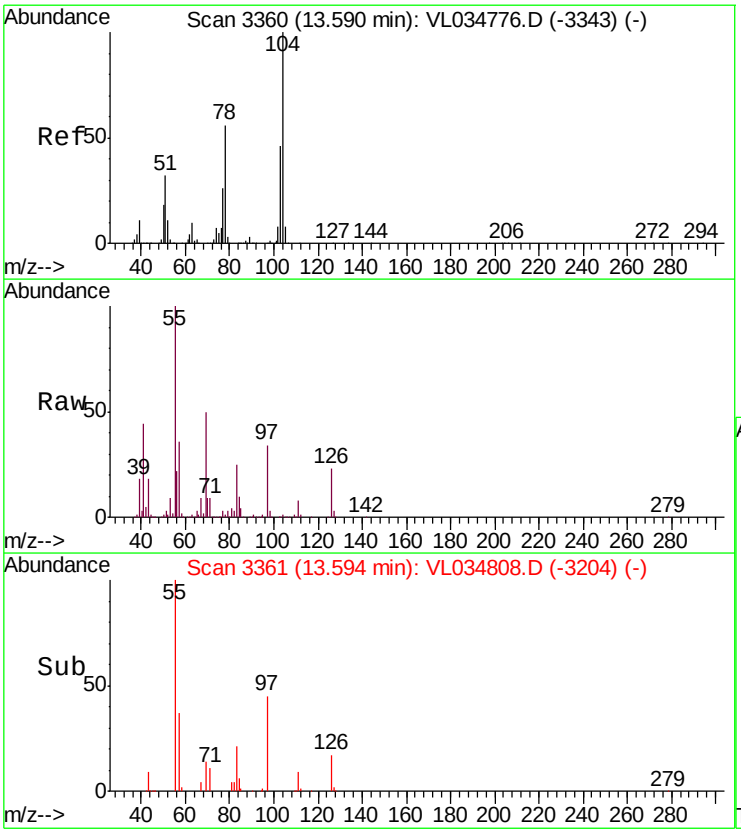
#60
o-Xylene
Concen: 82.020 ppbv
RT: 13.77 min Scan# 3415
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion: 91 Resp: 8649466

Ion	Ratio	Lower	Upper
91	100		
106	52.6	21.7	65.1

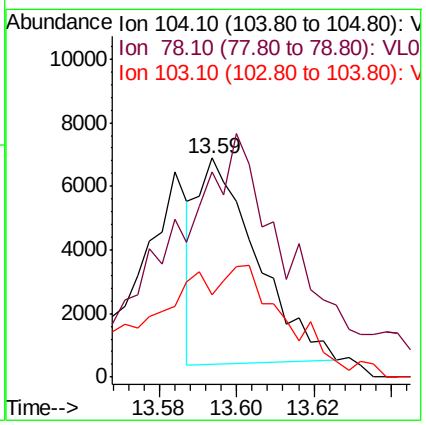


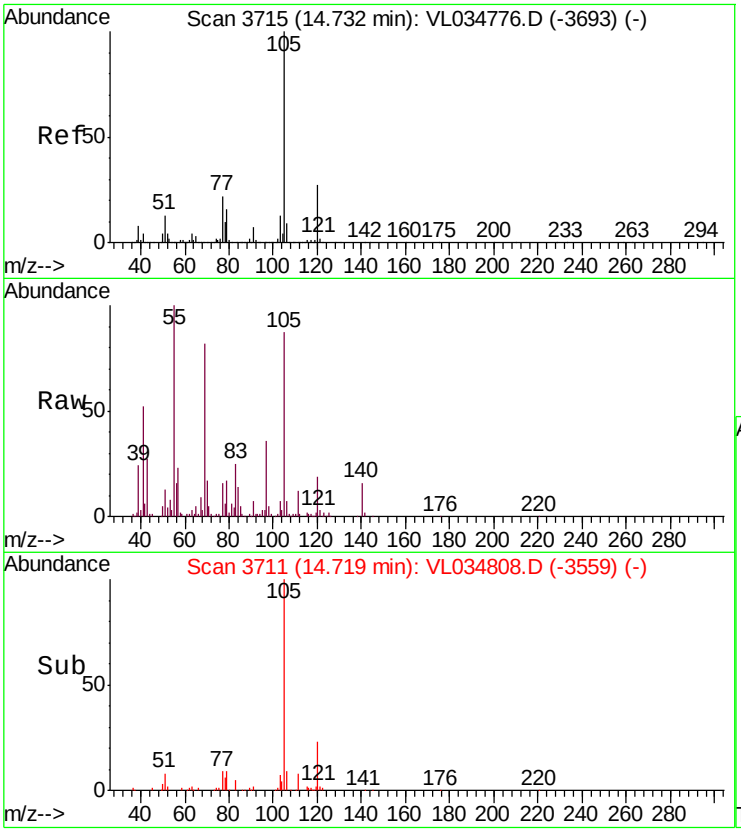


#61
Styrene
Concen: 0.106 ppbv
RT: 13.59 min Scan# 3361
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion:104 Resp: 6912

Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.7	67.1#
103	0.0	38.2	57.2#



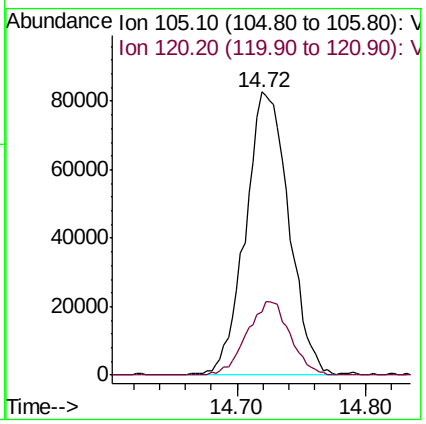


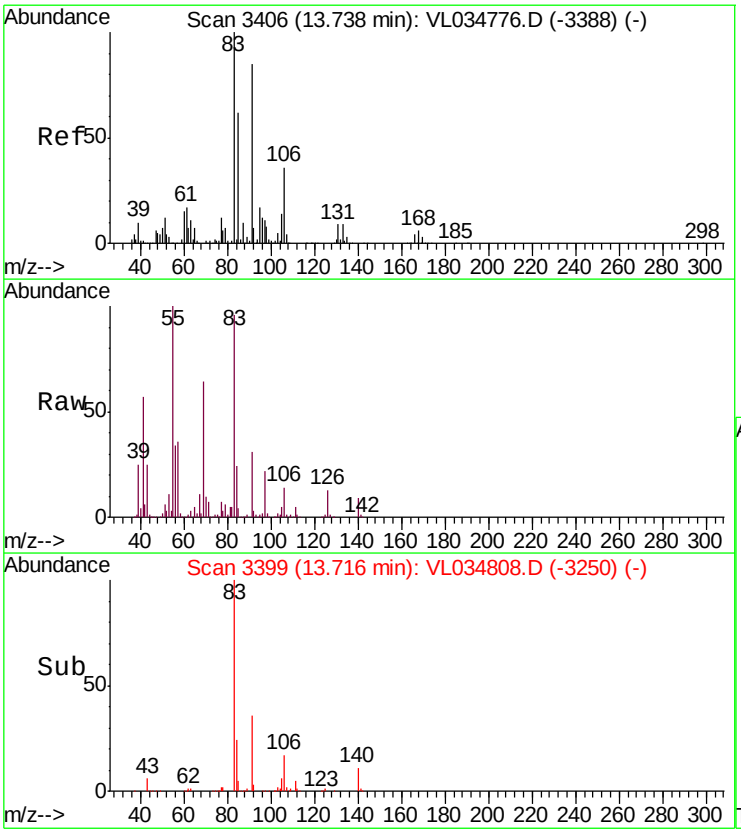
#62
Isopropylbenzene
Concen: 1.246 ppbv
RT: 14.72 min Scan# 3711
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion:105 Resp: 193422

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.5	30.7

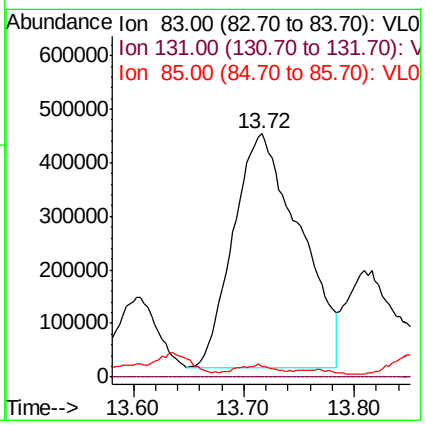


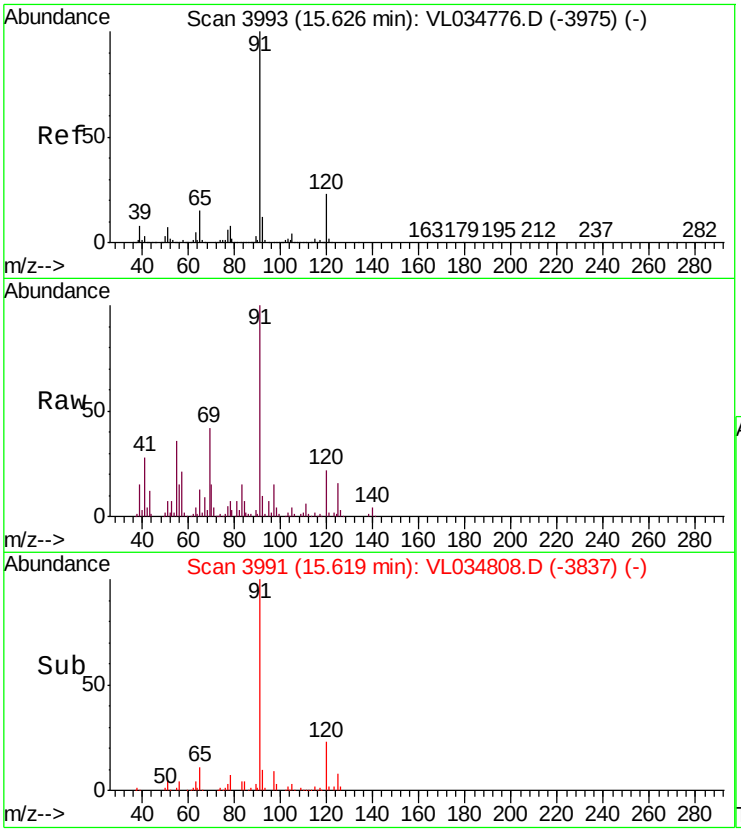


#63
1,1,2,2-Tetrachloroethane
Concen: 22.086 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 83 Resp: 1836023

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.0#
85	4.9	32.9	98.7#



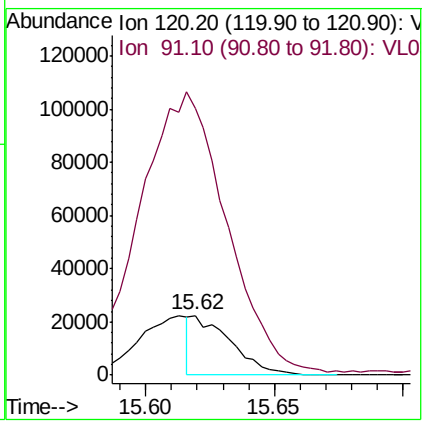


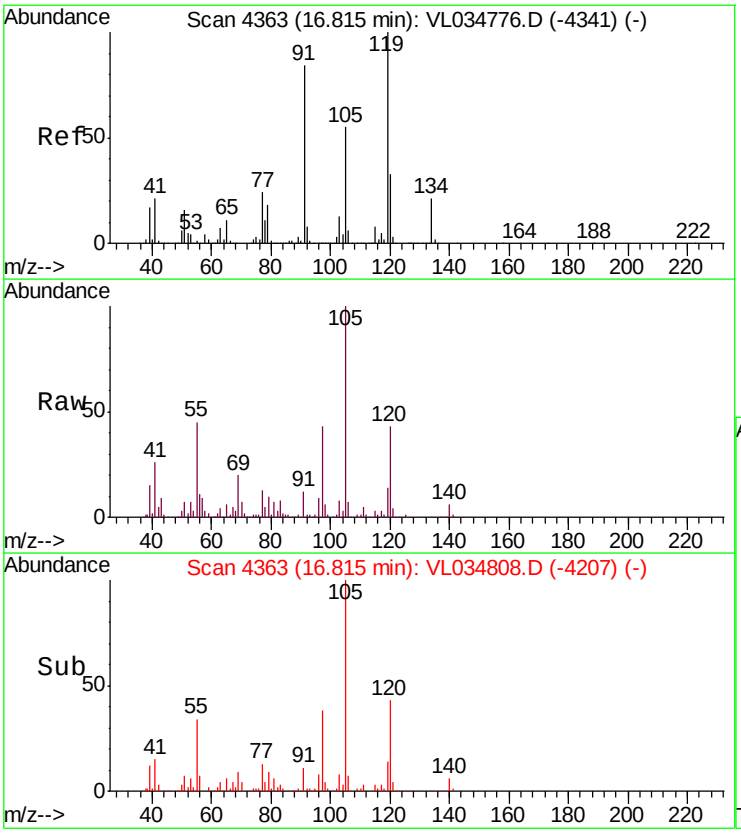
#64
n-propylbenzene
Concen: 0.607 ppbv
RT: 15.62 min Scan# 3991
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion:120 Resp: 23640

Ion	Ratio	Lower	Upper
120	100		
91	1057.1	379.4	569.2#

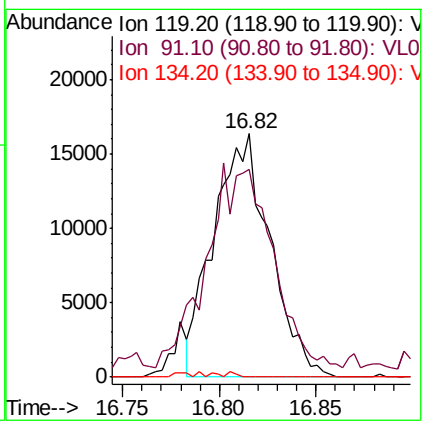


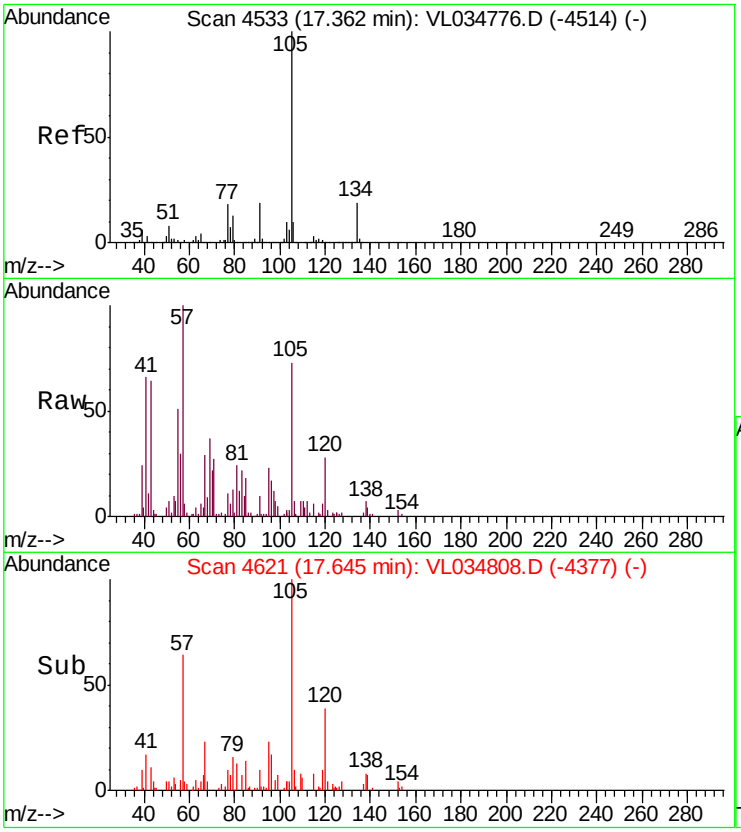


#65
tert-Butylbenzene
Concen: 0.253 ppbv
RT: 16.82 min Scan# 4363
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion:119 Resp: 33196

Ion	Ratio	Lower	Upper
119	100		
91	98.3	69.8	104.6
134	1.3	15.9	23.9#



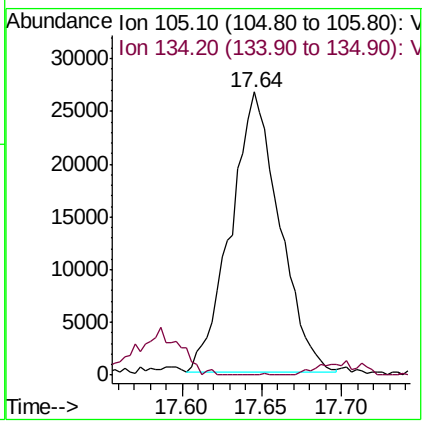


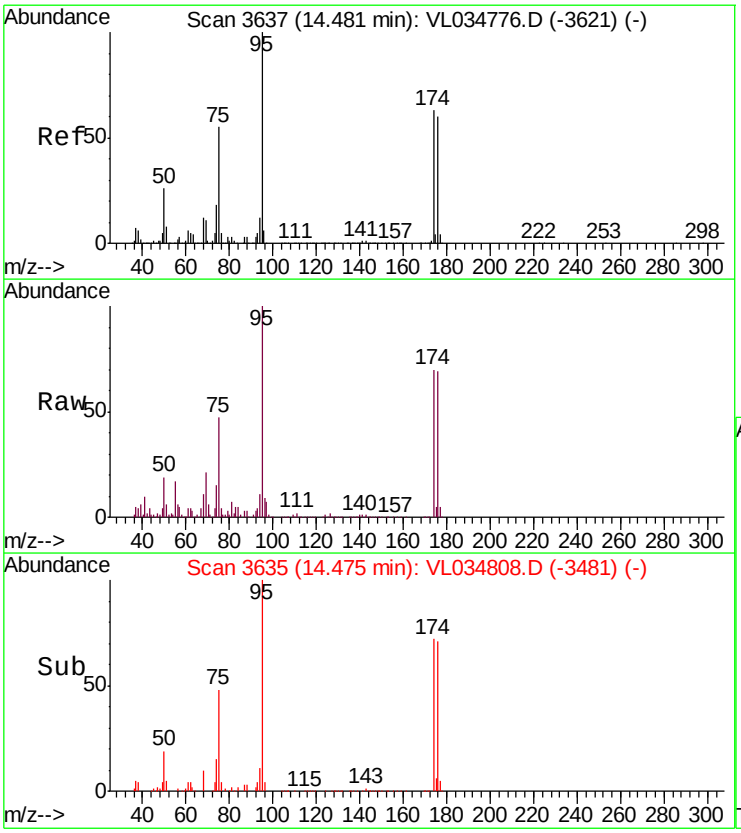
#67
sec-Butylbenzene
Concen: 0.291 ppbv
RT: 17.64 min Scan# 4621
Delta R.T. 0.28 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument : MSVOA_L
ClientSampleId : SS-3-4DL

Tgt Ion:105 Resp: 55622

Ion	Ratio	Lower	Upper
105	100		
134	15.8	14.7	22.1

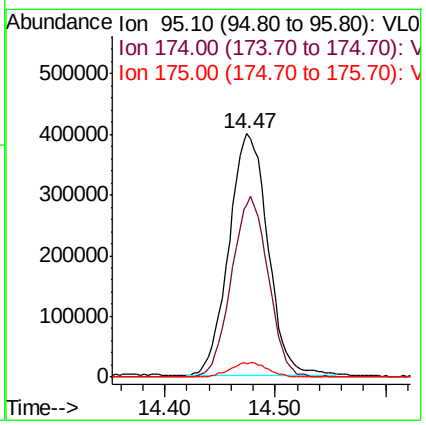


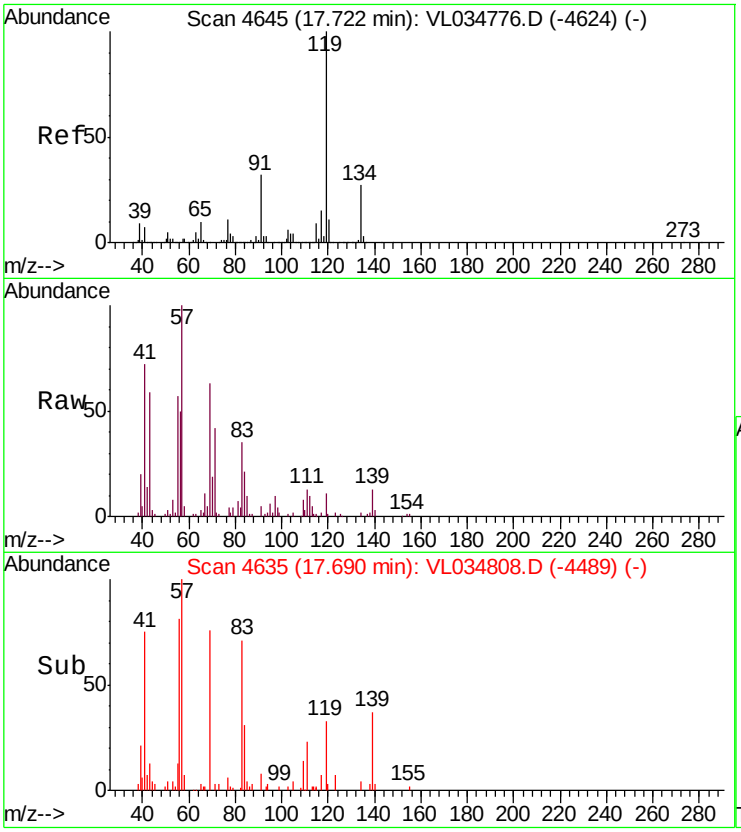


#68
1-Bromo-4-Fluorobenzene
Concen: 12.001 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 95 Resp: 977705

Ion	Ratio	Lower	Upper
95	100		
174	70.3	50.6	76.0
175	5.8	3.8	5.6#



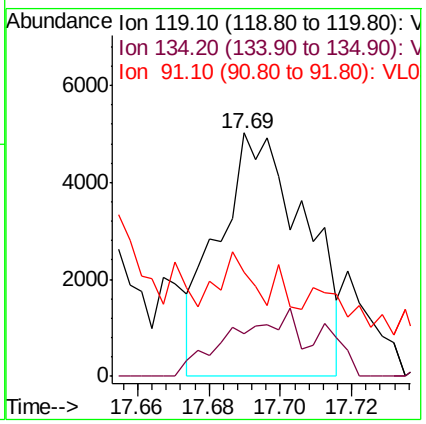


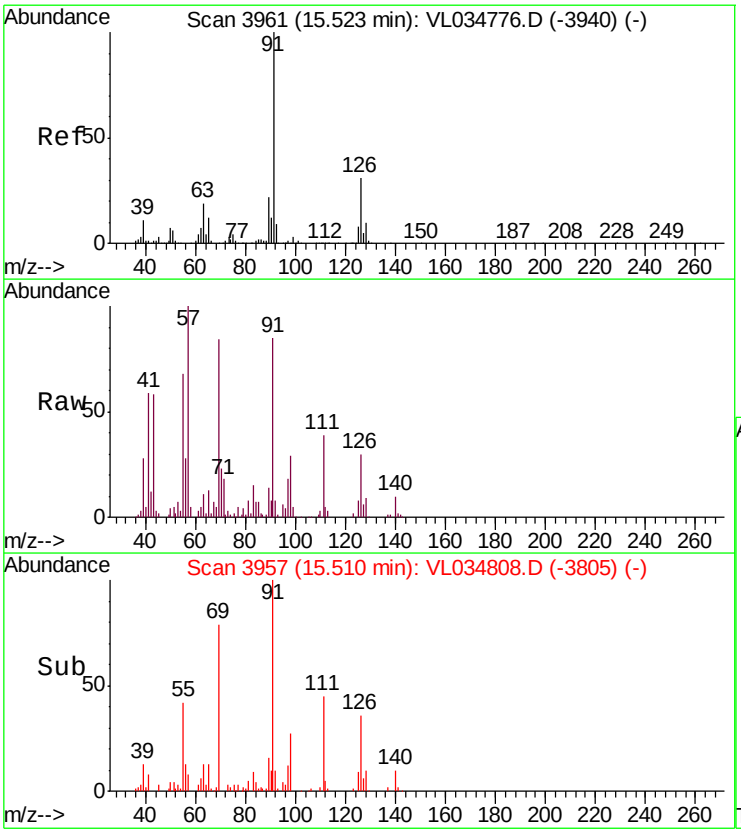
#69
p-Isopropyltoluene
Concen: 0.055 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. -0.03 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion:119 Resp: 8444

Ion	Ratio	Lower	Upper
119	100		
134	27.4	20.6	30.8
91	0.0	25.3	37.9#

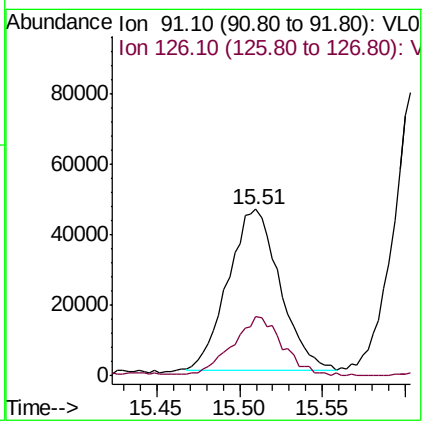


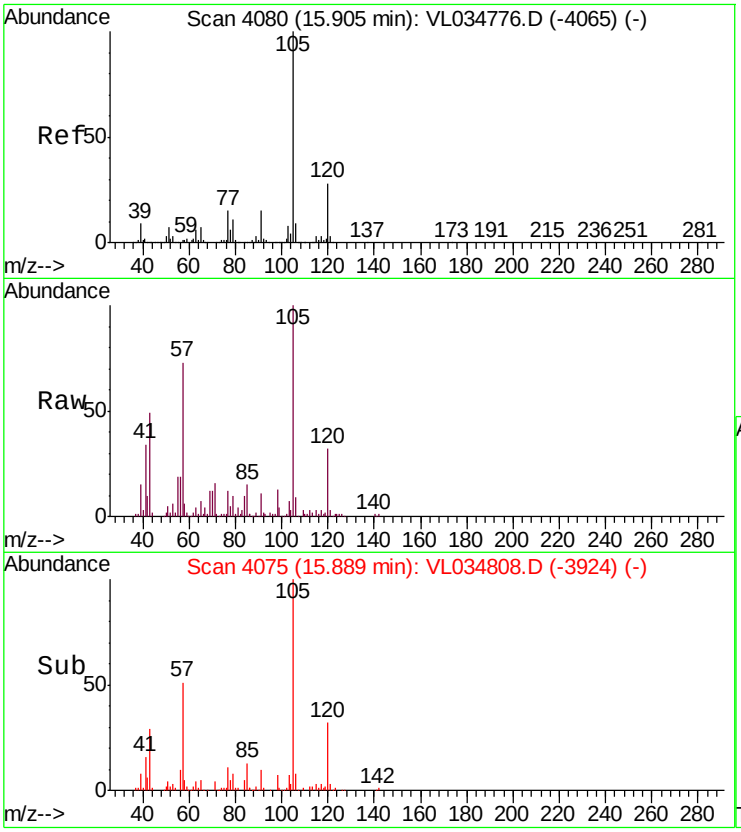


#71
2-Chlorotoluene
Concen: 0.847 ppbv
RT: 15.51 min Scan# 3957
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 91 Resp: 99238

Ion	Ratio	Lower	Upper
91	100		
126	35.9	11.7	46.7



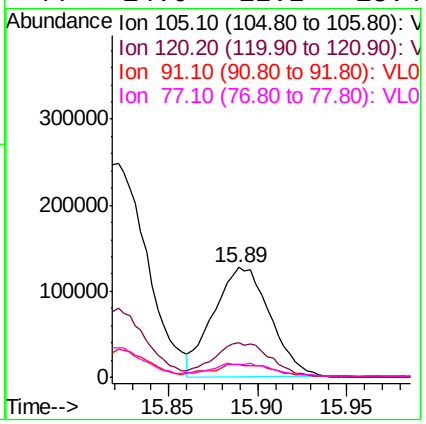


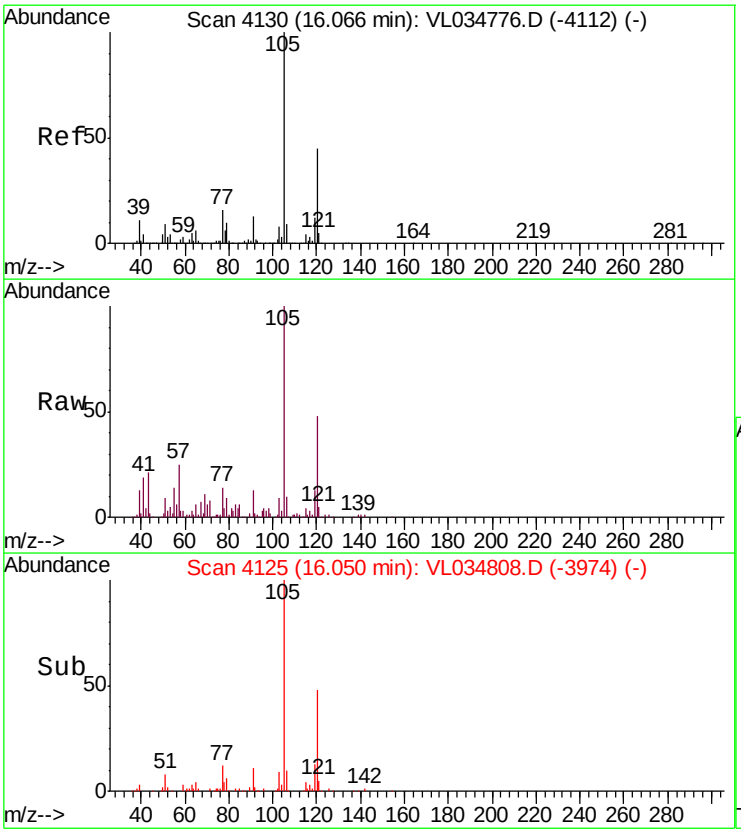
#72
4-Ethyltoluene
Concen: 2.382 ppbv
RT: 15.89 min Scan# 4075
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion:105 Resp: 279633

Ion	Ratio	Lower	Upper
105	100		
120	32.2	23.0	34.6
91	12.0	11.1	16.7
77	14.0	12.2	18.4

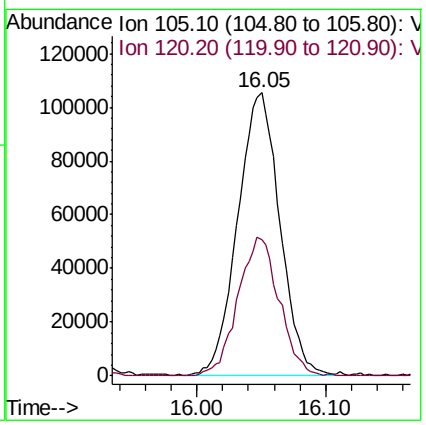


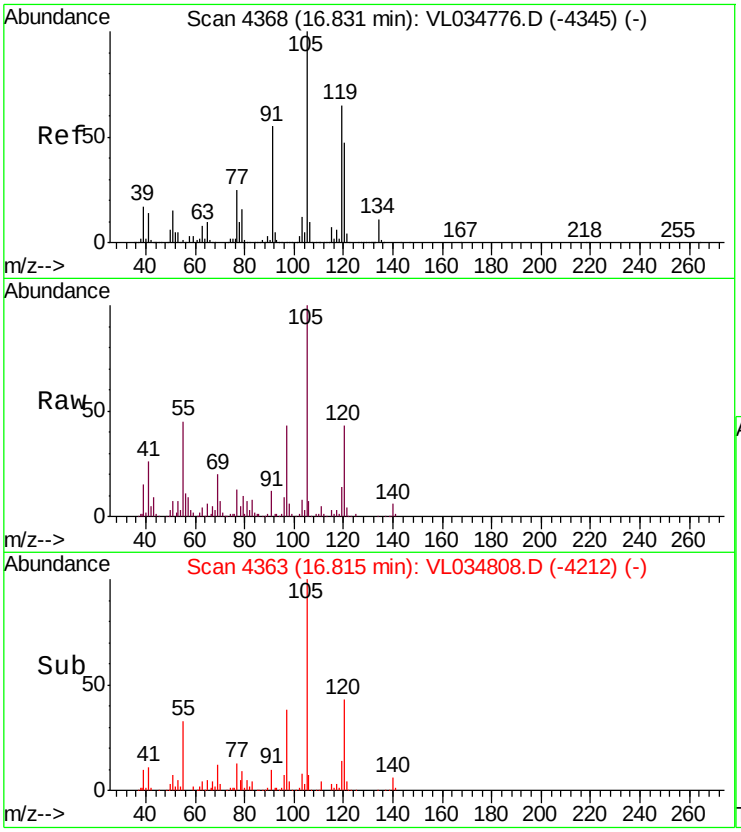


#73
1,3,5-Trimethylbenzene
Concen: 2.126 ppbv
RT: 16.05 min Scan# 4125
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion:105 Resp: 239476

Ion	Ratio	Lower	Upper
105	100		
120	48.1	35.6	53.4





#74
1,2,4-Trimethylbenzene
Concen: 2.214 ppbv
RT: 16.82 min Scan# 4363
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tgt Ion:105 Resp: 271112

Ion	Ratio	Lower	Upper
105	100		
120	43.3	37.8	56.6
91	10.9	43.8	65.8#
77	12.4	19.9	29.9#