Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034424.D
Acq On : 2 Dec 2019 13:42
Operator : SY/AP
Sample : K6068-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-1

Quant Time: Dec 03 02:48:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	1066485	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.22	114	2135682	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.15	117	2248327	10.00	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1820885	9.63	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	90909	0.471	ppbv		99
3) Chlorodifluoromethane	2.97	51	40550	0.305	ppbv		93
4) Chloromethane	3.12	50	9572	0.122	ppbv	#	83
9) Propene	2.99	41	3049465	51.620	ppbv		99
10) Heptane	8.17	43	429433	2.817	ppbv		99
11) Trichlorofluoromethane	3.95	101	46144	0.240	ppbv	#	80
13) Ethanol	3.61	45	2205670	134.032	ppbv		98
15) Acetone	3.84	43	4351749	28.496	ppbv		94
16) 1,3-Butadiene	3.29	39	2263754	34.030	ppbv	#	36
17) tert-Butyl alcohol	4.32	59	743215	5.790	ppbv		99
18) 1,1-Dichloroethene	4.30	96	8609	0.154	ppbv	#	58
19) Isopropyl Alcohol	3.99	45	10685391	109.160	ppbv	#	98
20) Methylene Chloride	4.35	84	249817	4.613	ppbv		92
21) Allyl Chloride	4.41	41	89119	0.974	ppbv	#	1
22) trans-1,2-Dichloroethene	4.90	96	67672	1.204	ppbv		96
23) Vinyl Acetate	5.09	43	82285	0.412	ppbv	#	2
24) 1,1-Dichloroethane	5.03	63	60756	0.396	ppbv	#	96
25) Ethyl Acetate	5.71	43	522536	1.917	ppbv	#	82
26) Hexane	5.71	57	621854	5.310	ppbv	#	43
27) Carbon Disulfide	4.56	76	109493	0.858	ppbv	#	71
28) Methyl tert-Butyl Ether	5.01	73	378297	1.948	ppbv	#	73
29) Chloroform	5.78	83	428215	2.258	ppbv		99
30) Cyclohexane	7.17	84	143930	1.626	ppbv		93
31) cis-1,2-Dichloroethene	5.57	61	650744	5.378	ppbv		99
32) 1,1,1-Trichloroethane	6.55	97	550515	3.096	ppbv		99
34) 2-Butanone	5.27	43	615980	3.504	ppbv		98
36) Benzene	6.93	78	668261	3.130	ppbv		98
38) Trichloroethene	7.89	130	7892798	90.089	ppbv		92
39) 1,2-Dichloropropane	7.87	63	10142	0.123	ppbv	#	1
41) Tetrahydrofuran	6.08	42	27821	0.282	ppbv	#	38
44) 2,2,4-Trimethylpentane	7.92	57	482689	1.237	ppbv	#	82
50) 4-Methyl-2-Pentanone	8.79	43	62840	0.247	ppbv	#	69
51) 2-Hexanone	10.19	43	87285	0.410	ppbv	#	84
52) Tetrachloroethene	11.29	164	358607	3.882	ppbv		93
53) Toluene	9.86	91	3011665	12.419	ppbv		98
56) 1,1,1,2-Tetrachloroethane	11.76	131	41013	0.373	ppbv	#	10
58) Ethyl Benzene	12.78	91	503610	1.443	ppbv		96
59) m/p-Xylene	13.03	91	1379167	4.573	ppbv		98
60) o-Xylene	13.76	91	466808	1.565	ppbv		97
61) Styrene	13.59	104	9298	0.043	ppbv	#	29
64) n-propylbenzene	15.64	120	6617	0.065	ppbv	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034424.D
Acq On : 2 Dec 2019 13:42
Operator : SY/AP
Sample : K6068-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-1

Quant Time: Dec 03 02:48:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) tert-Butylbenzene	16.84	119	35096	0.099	ppbv	#	66
69) p-Isopropyltoluene	17.74	119	207846	0.505	ppbv		98
72) 4-Ethyltoluene	15.92	105	41301	0.120	ppbv	#	55
73) 1,3,5-Trimethylbenzene	16.07	105	57548	0.171	ppbv		97
74) 1,2,4-Trimethylbenzene	16.84	105	324570	0.906	ppbv	#	61
75) 1,3-Dichlorobenzene	17.08	146	133933	0.650	ppbv	#	30
76) 1,4-Dichlorobenzene	17.08	146	133933	0.670	ppbv	#	30
78) Hexachloro-1,3-Butadiene	23.47	225	5670	0.033	ppbv	#	18
80) Naphthalene,2-methyl-	25.06	142	8669	0.062	ppbv		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034424.D
Acq On : 2 Dec 2019 13:42
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Misc : 400ml/MSVOA_L
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Instrument : MSVOA_L
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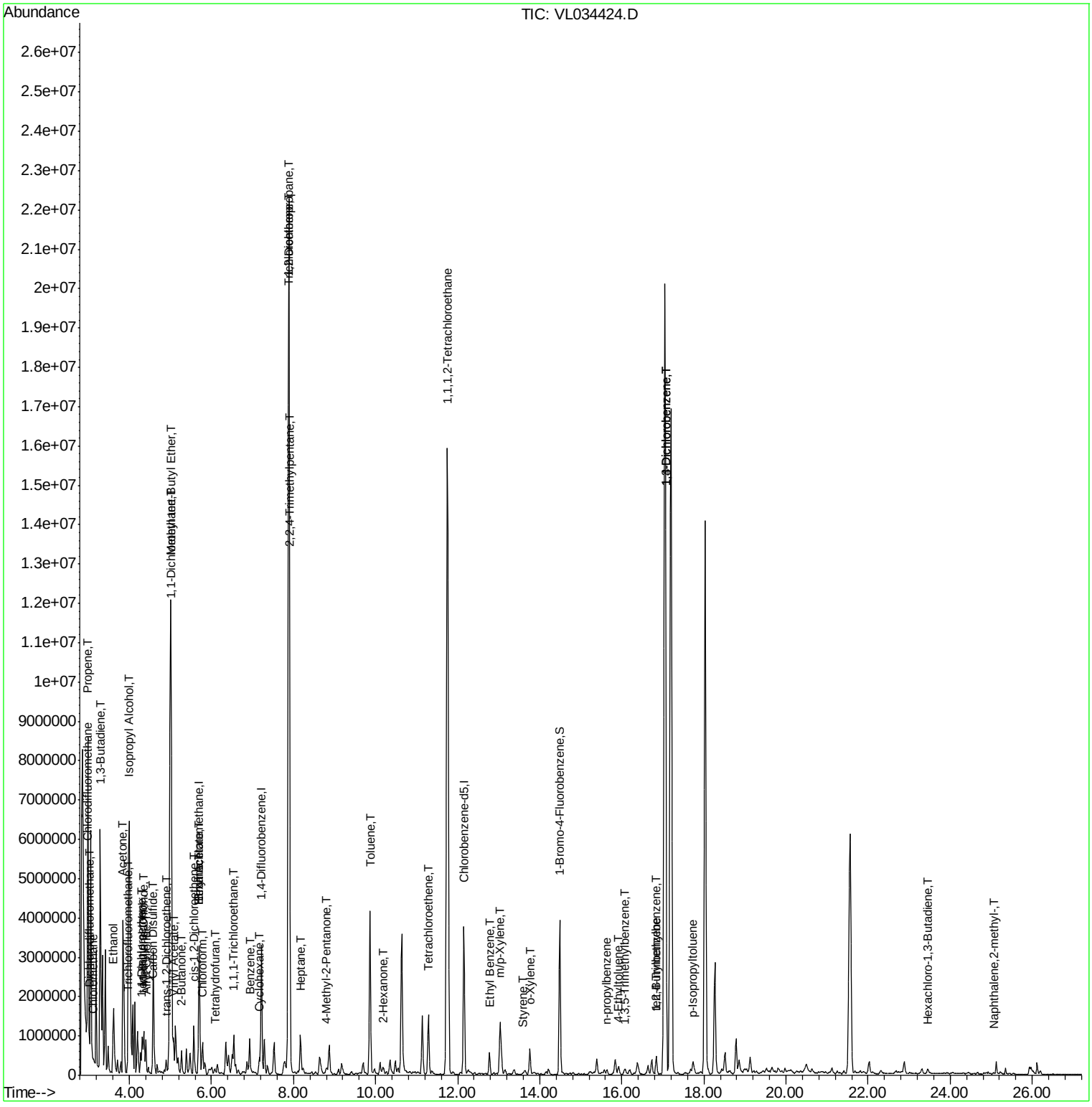
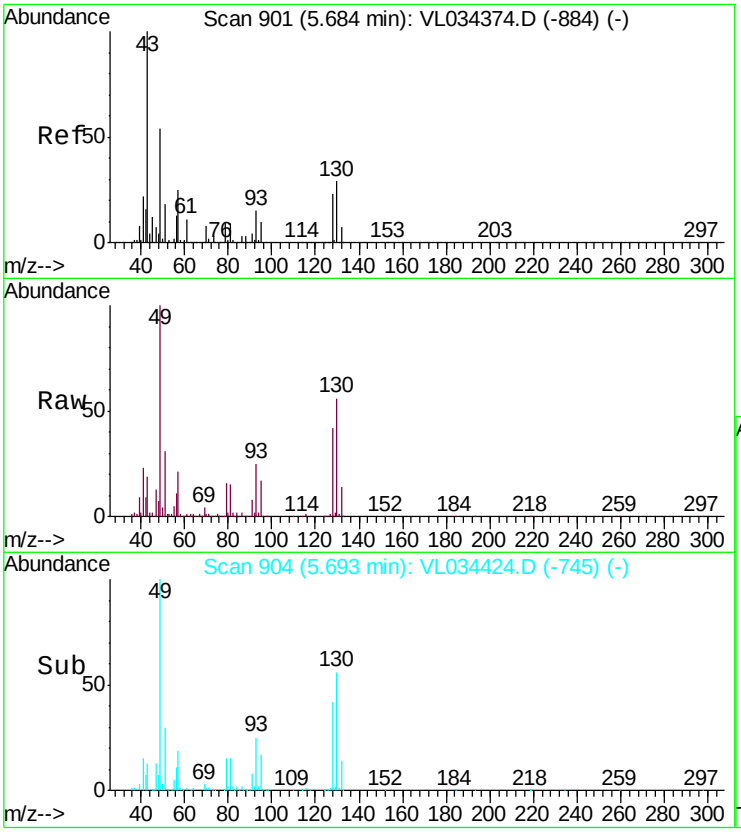
Quant Time: Dec 03 02:48:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration



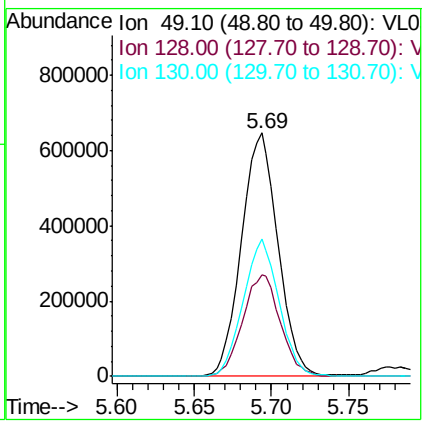


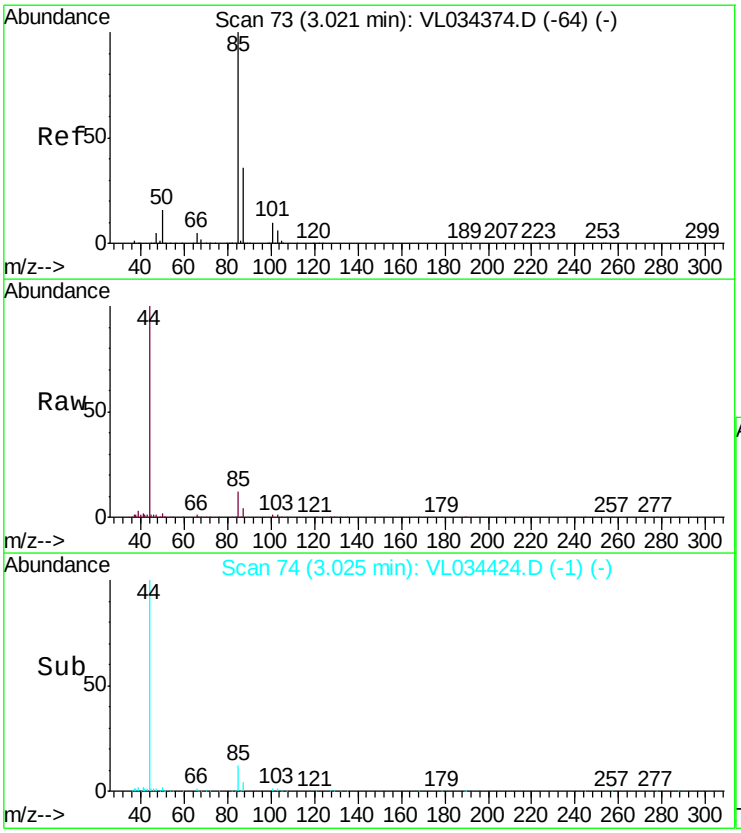
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 49 Resp: 1066485

Ion	Ratio	Lower	Upper
49	100		
128	43.2	21.8	65.3
130	55.2	28.0	84.0

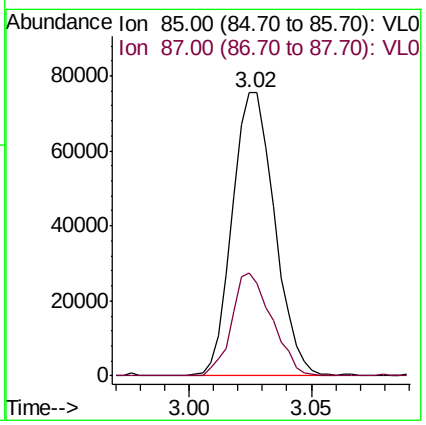


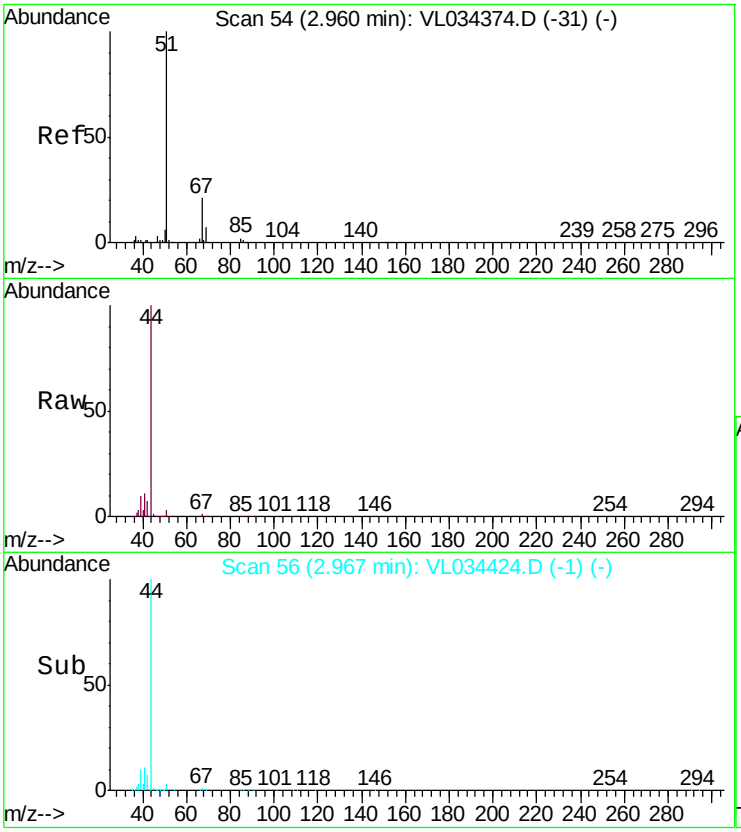


#2
Dichlorodifluoromethane
Concen: 0.471 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 85 Resp: 90909

Ion	Ratio	Lower	Upper
85	100		
87	36.3	28.5	42.7



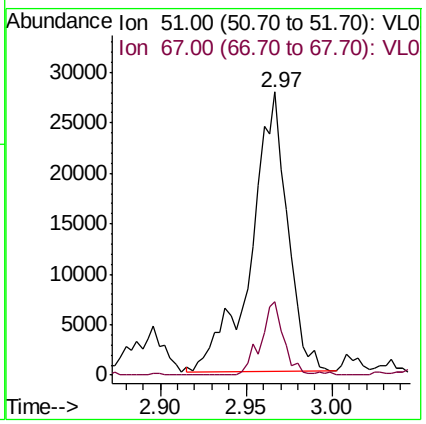


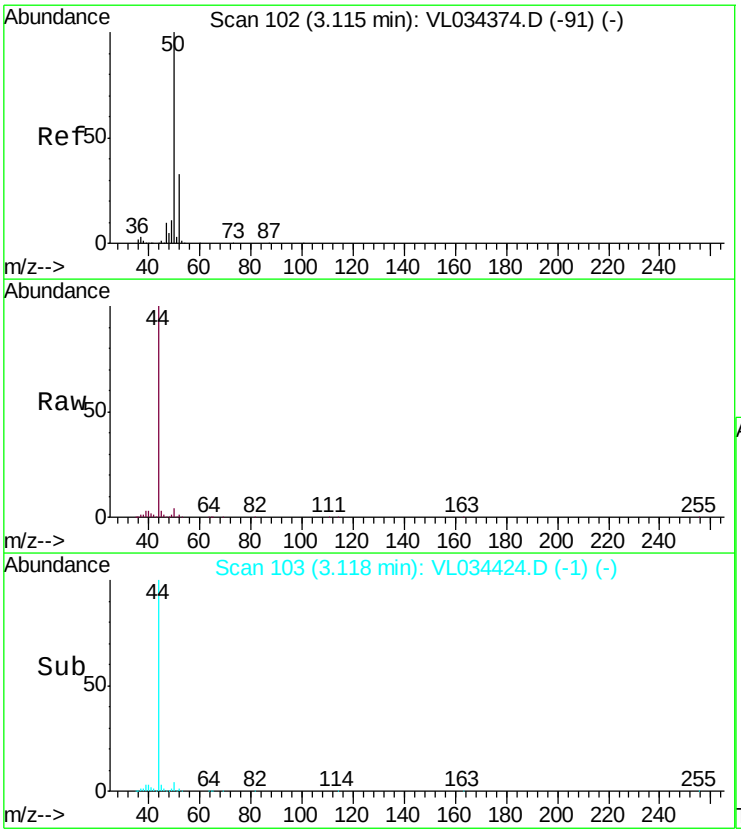
#3
Chlorodifluoromethane
Concen: 0.305 ppbv
RT: 2.97 min Scan# 56
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 51 Resp: 40550

Ion	Ratio	Lower	Upper
51	100		
67	17.1	16.2	24.2

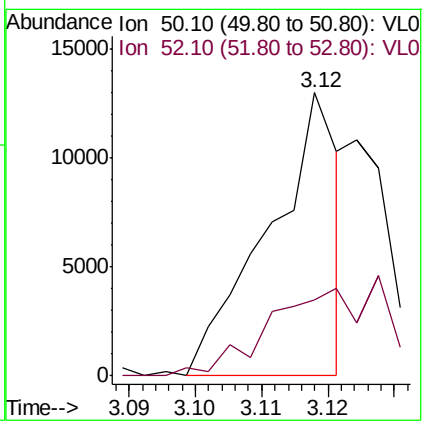


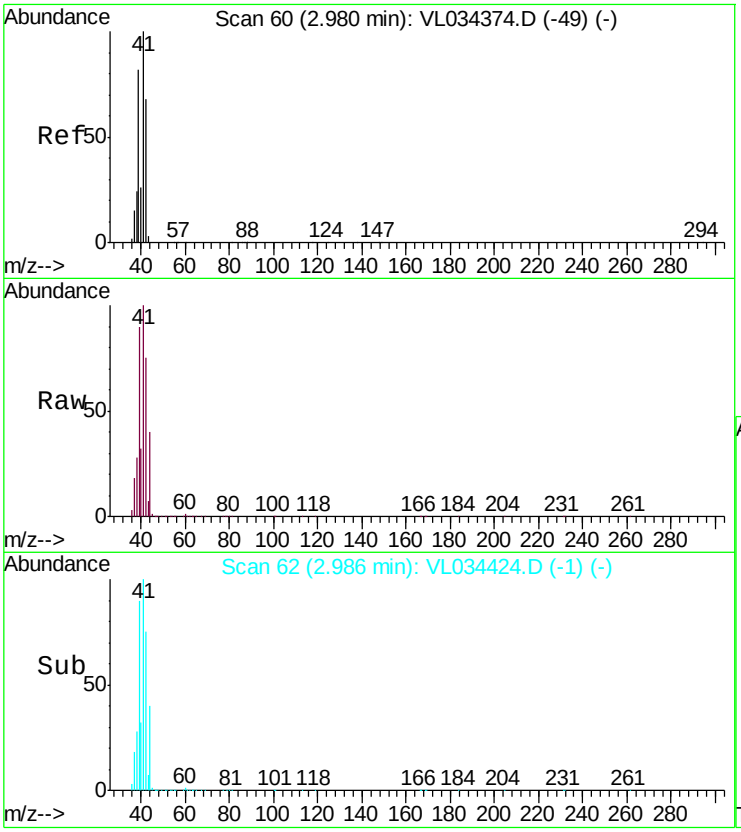


#4
Chloromethane
Concen: 0.122 ppbv
RT: 3.12 min Scan# 103
Delta R.T. 0.00 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 50 Resp: 9572

Ion	Ratio	Lower	Upper
50	100		
52	23.6	26.8	40.2#



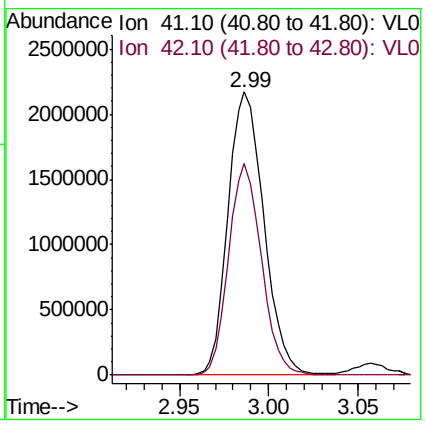


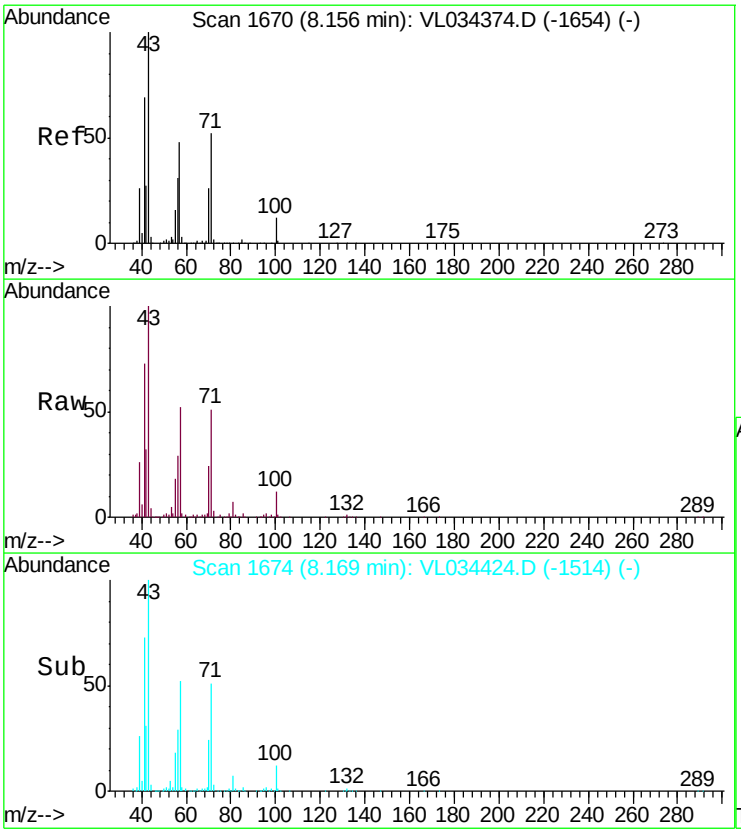
#9
Propene
Concen: 51.620 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 41 Resp: 3049465

Ion	Ratio	Lower	Upper
41	100		
42	68.8	54.6	82.0

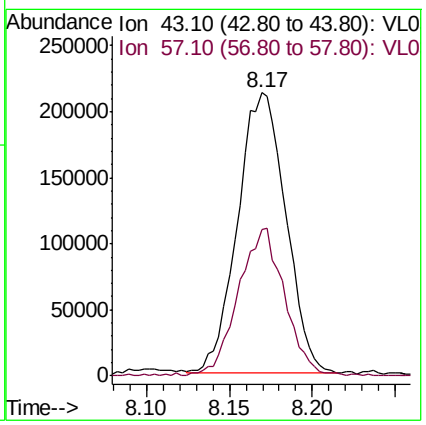


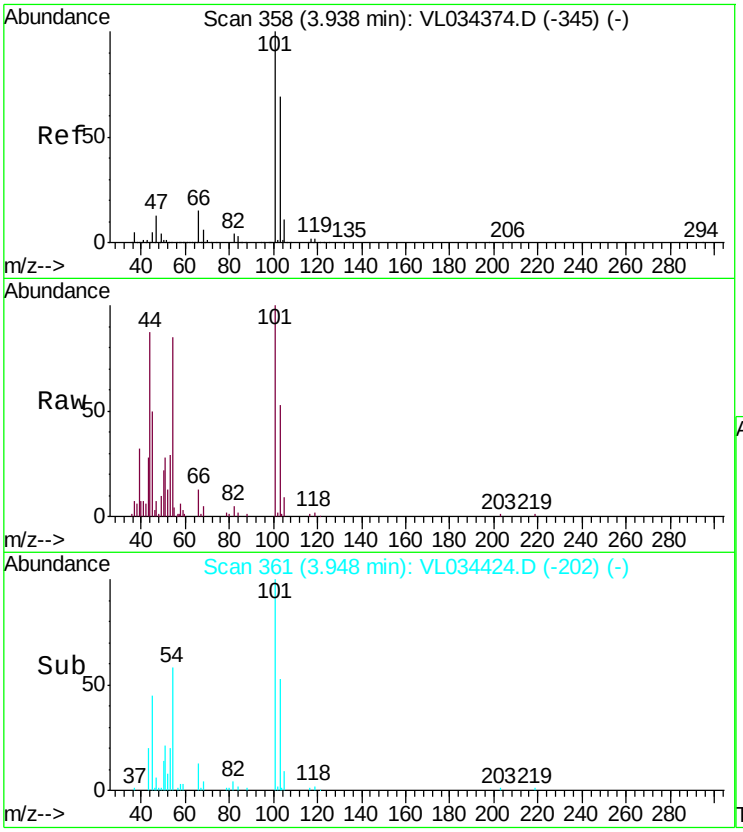


#10
Heptane
Concen: 2.817 ppbv
RT: 8.17 min Scan# 1674
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 43 Resp: 429433

Ion	Ratio	Lower	Upper
43	100		
57	50.9	40.2	60.2



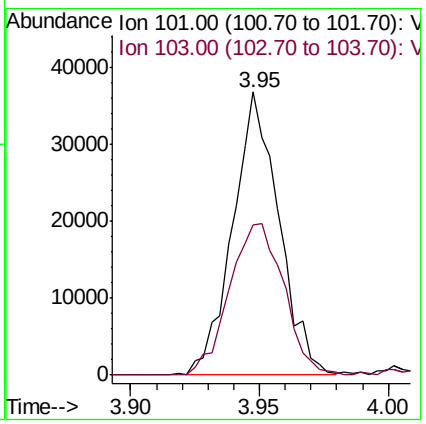


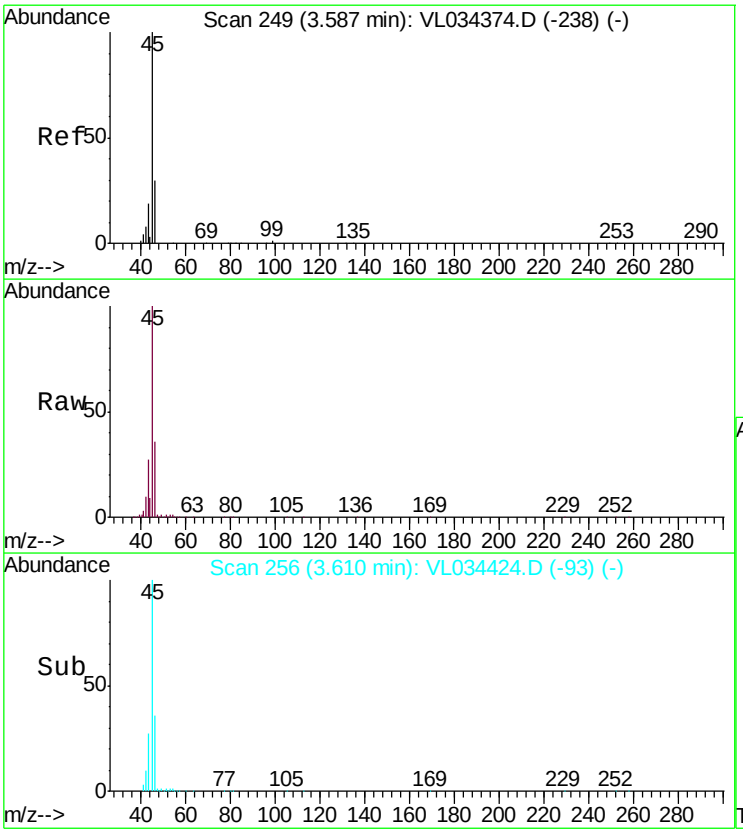
#11
Trichlorofluoromethane
Concen: 0.240 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion:101 Resp: 46144

Ion	Ratio	Lower	Upper
101	100		
103	53.1	55.4	83.0#

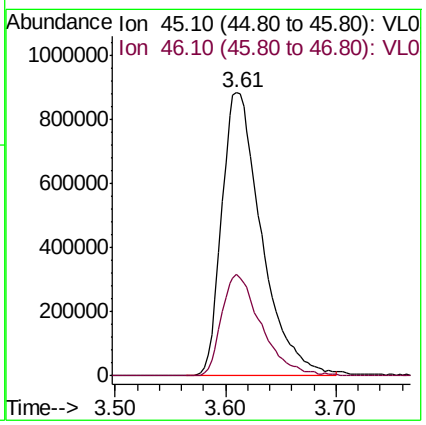


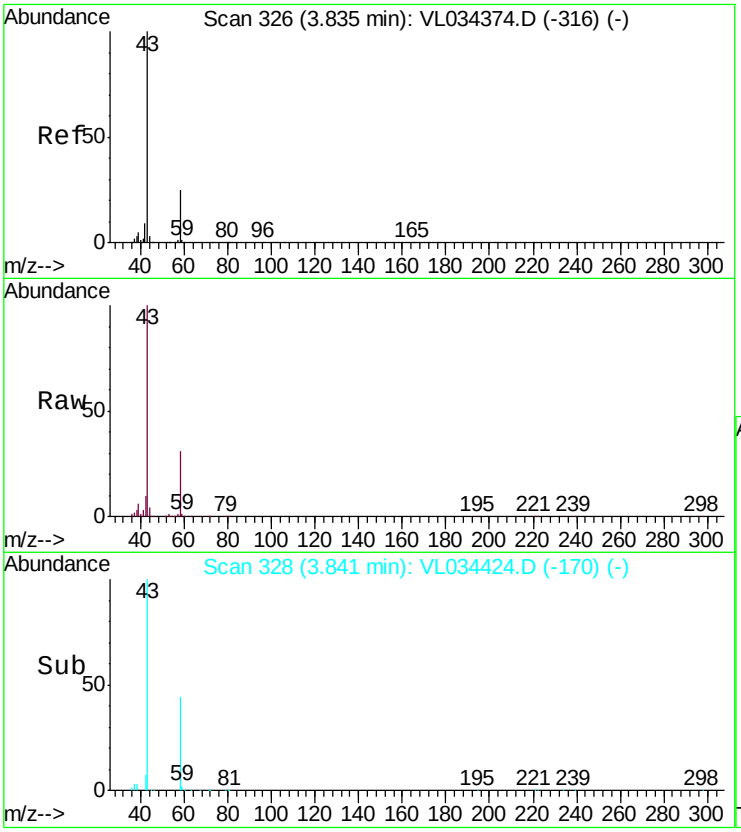


#13
Ethanol
Concen: 134.032 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 45 Resp: 2205670

Ion	Ratio	Lower	Upper
45	100		
46	36.0	13.8	55.4



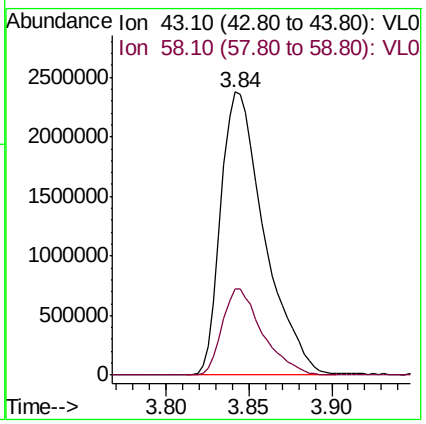


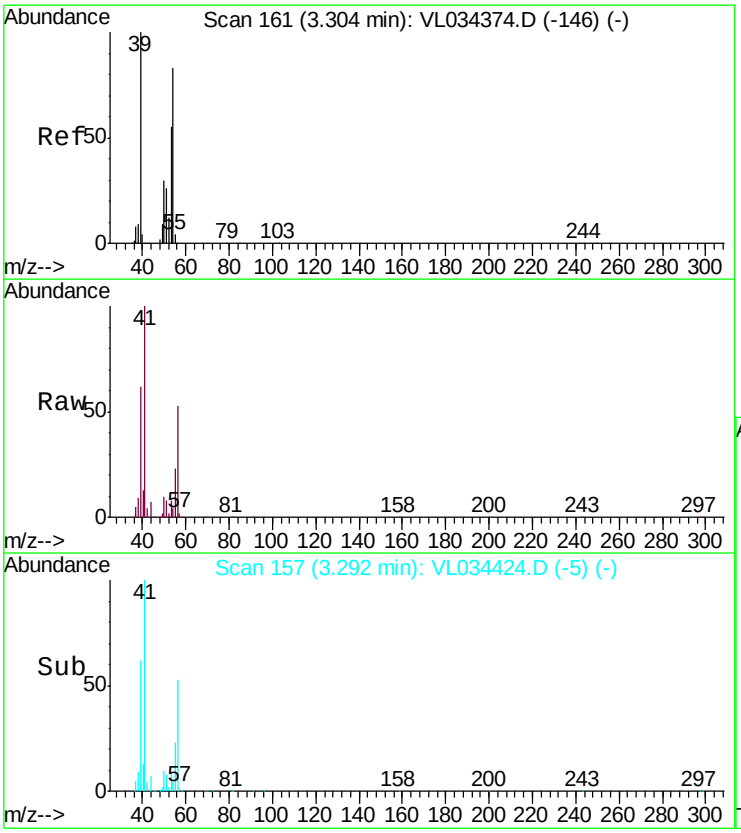
#15
Acetone
Concen: 28.496 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 43 Resp: 4351749

Ion	Ratio	Lower	Upper
43	100		
58	28.4	20.2	30.4

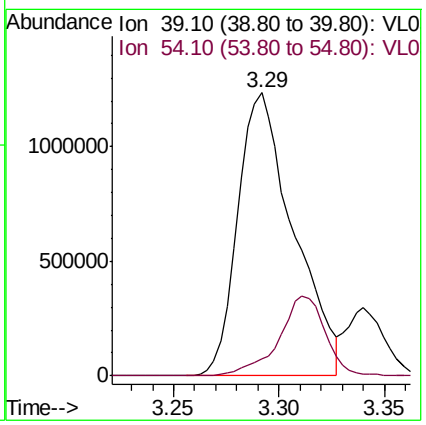


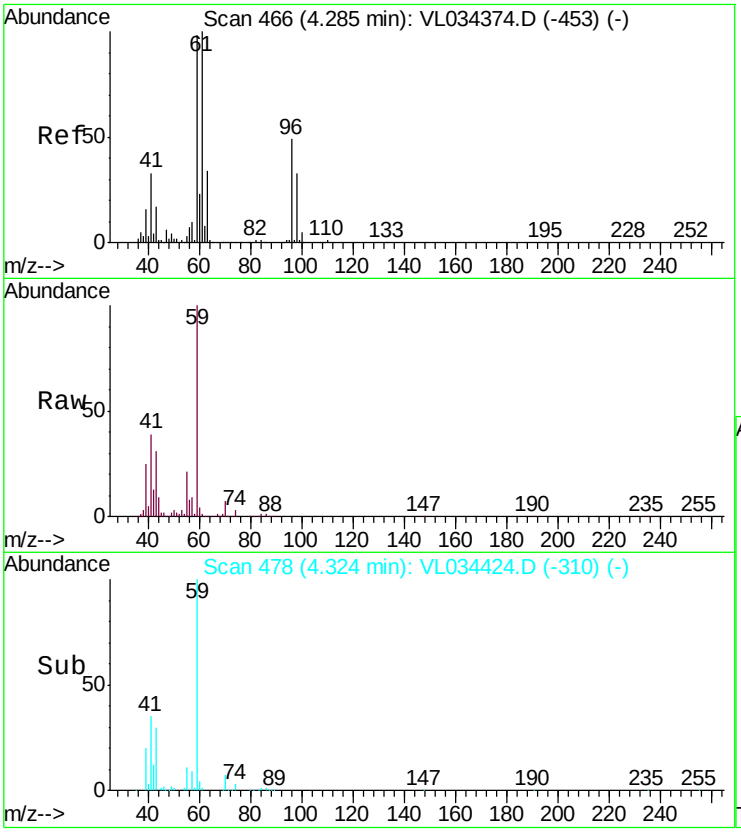


#16
1,3-Butadiene
Concen: 34.030 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 39 Resp: 2263754

Ion	Ratio	Lower	Upper
39	100		
54	23.7	64.7	97.1#



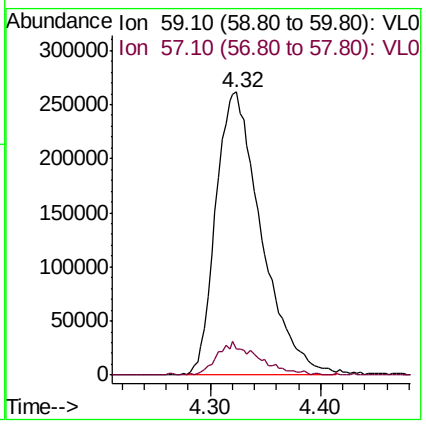


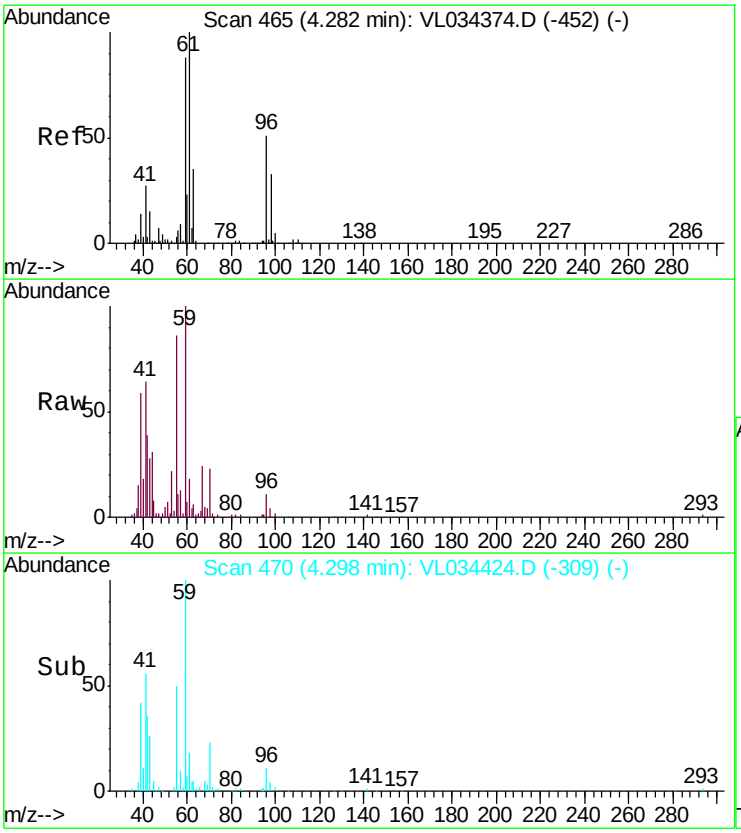
#17
tert-Butyl alcohol
Concen: 5.790 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.04 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 59 Resp: 743215

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.8	13.2

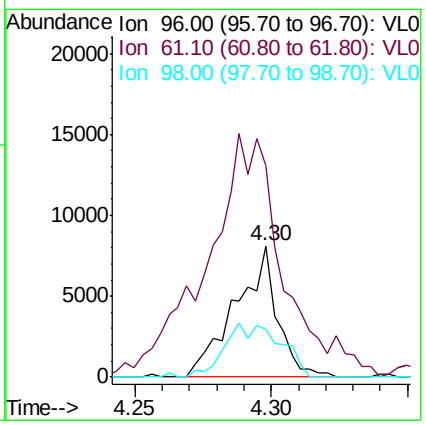


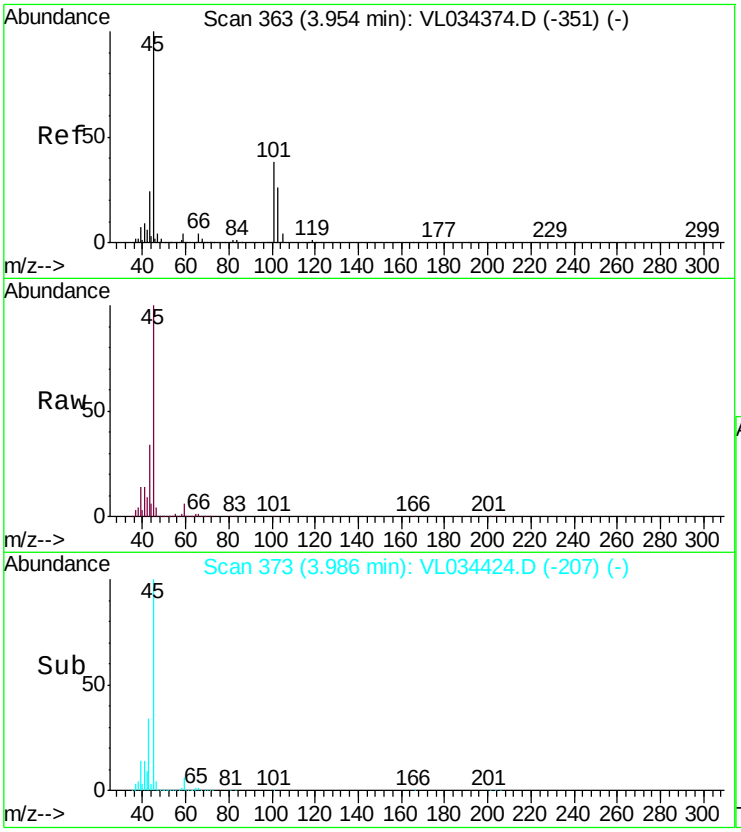


#18
1,1-Dichloroethene
Concen: 0.154 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 96 Resp: 8609

Ion	Ratio	Lower	Upper
96	100		
61	129.8	155.6	233.4#
98	36.3	51.6	77.4#



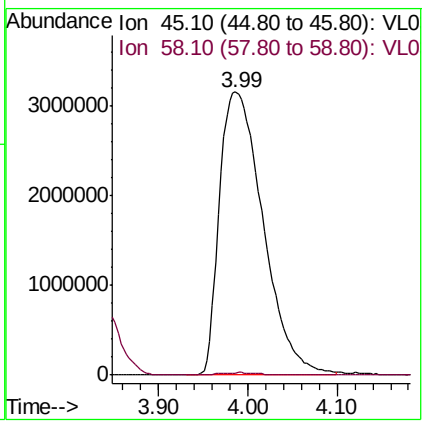


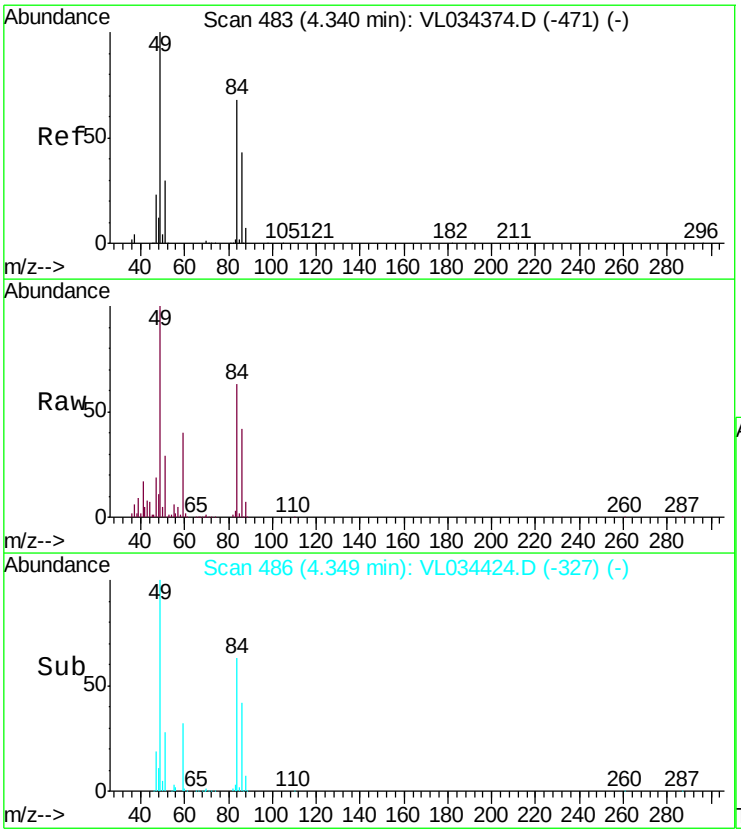
#19
Isopropyl Alcohol
Concen: 109.160 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.03 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 45 Resp:10685391

Ion	Ratio	Lower	Upper
45	100		
58	0.8	1.3	1.9#

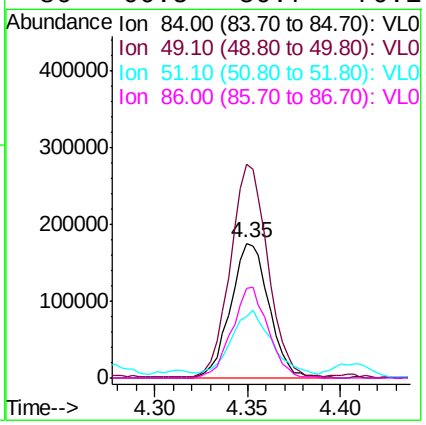


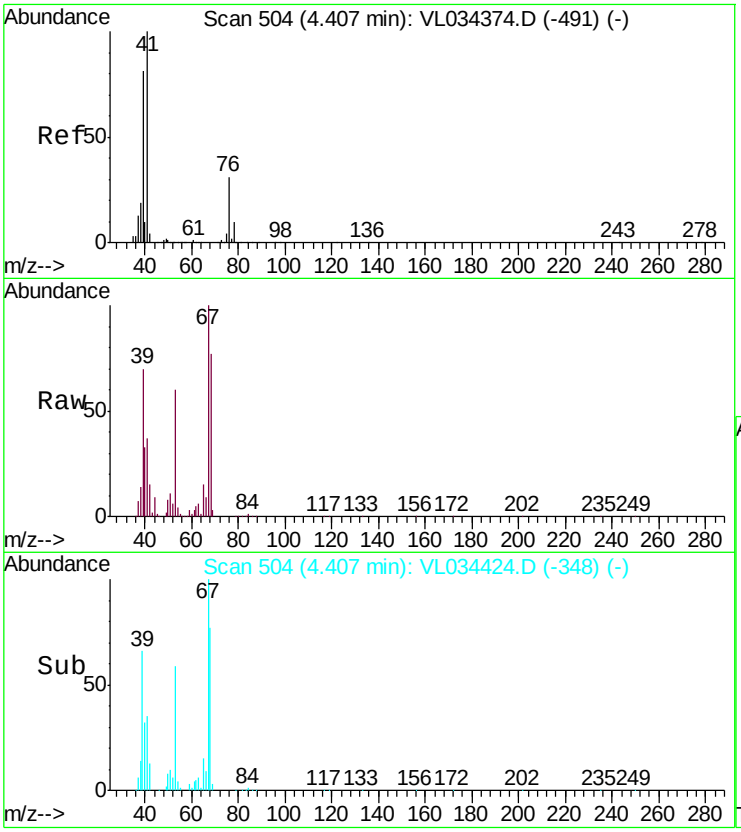


#20
Methylene Chloride
Concen: 4.613 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 84 Resp: 249817

Ion	Ratio	Lower	Upper
84	100		
49	158.4	116.8	175.2
51	41.2	35.6	53.4
86	66.5	50.7	76.1



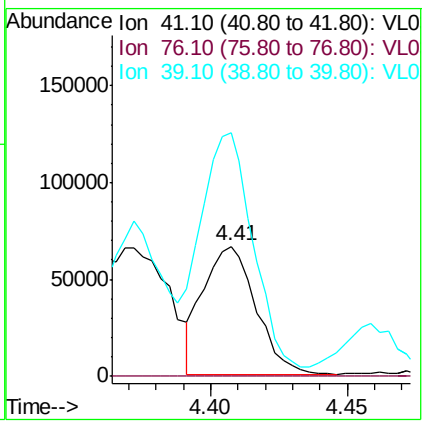


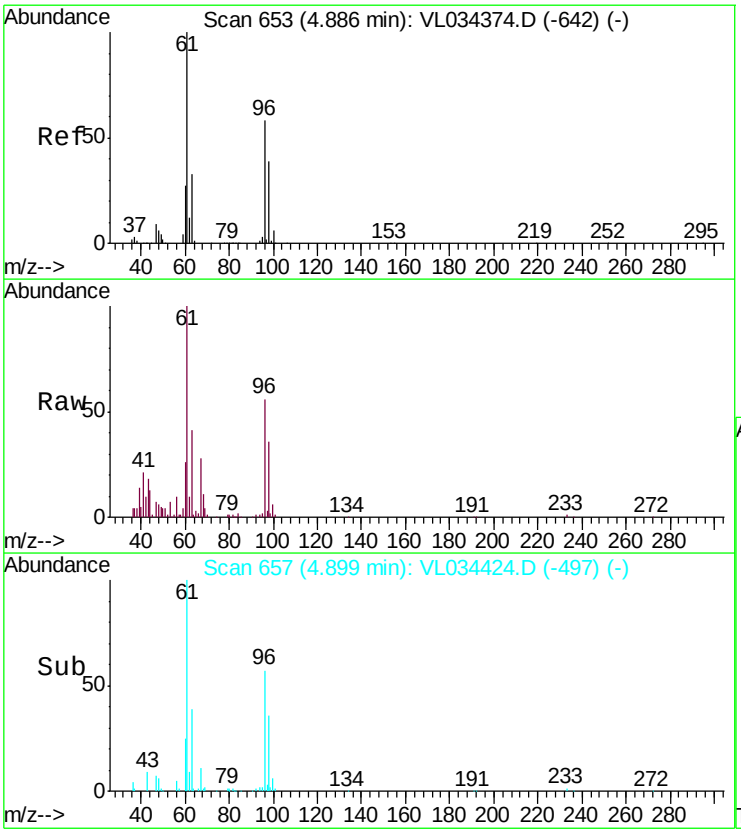
#21
Allyl Chloride
Concen: 0.974 ppbv
RT: 4.41 min Scan# 504
Delta R.T. 0.00 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 41 Resp: 89119

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	309.2	66.9	100.3#

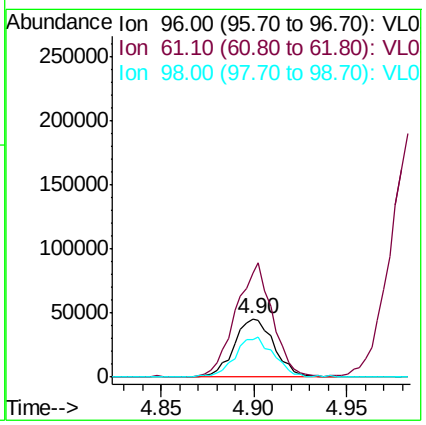


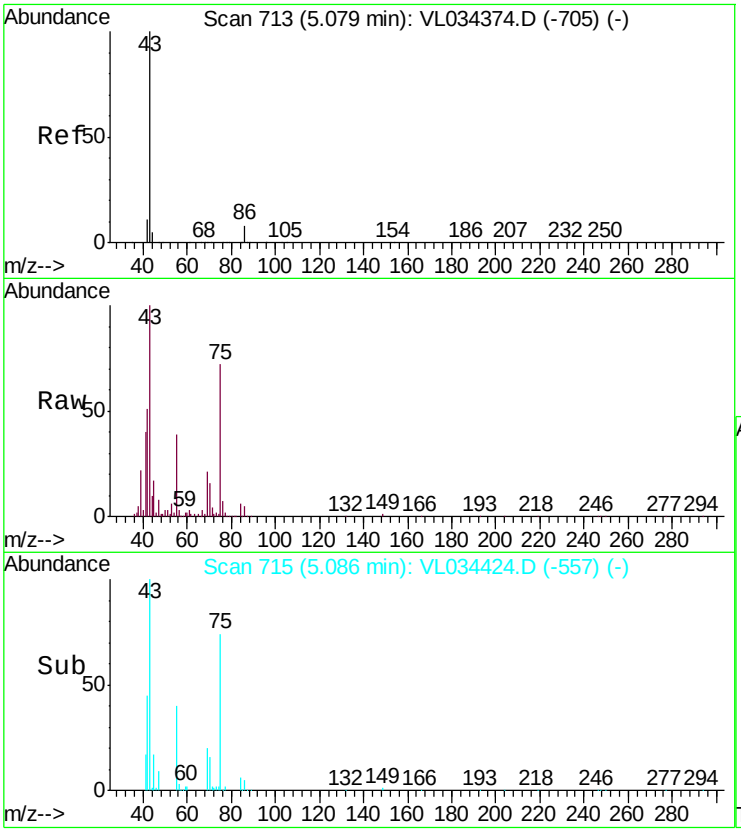


#22
trans-1,2-Dichloroethene
Concen: 1.204 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 96 Resp: 67672

Ion	Ratio	Lower	Upper
96	100		
61	177.4	137.9	206.9
98	63.9	53.5	80.3



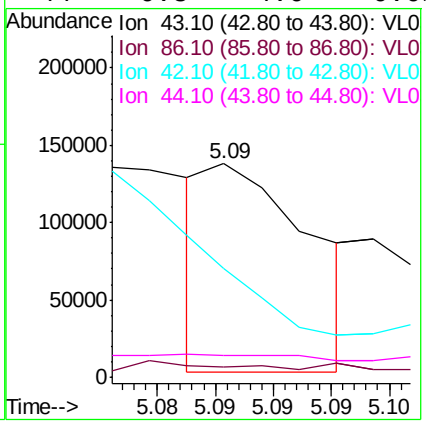


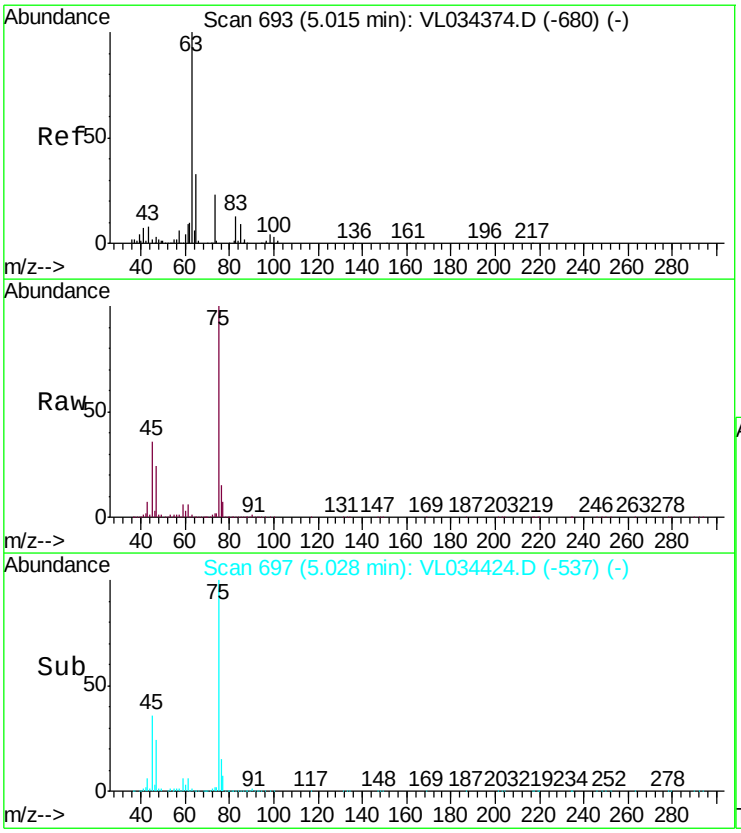
#23
Vinyl Acetate
Concen: 0.412 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 43 Resp: 82285

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.8	8.6#
42	83.4	8.9	13.3#
44	6.8	4.0	6.0#

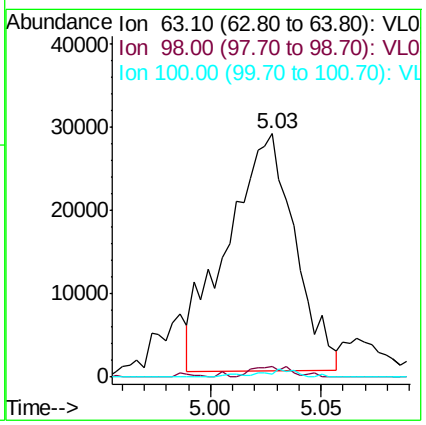


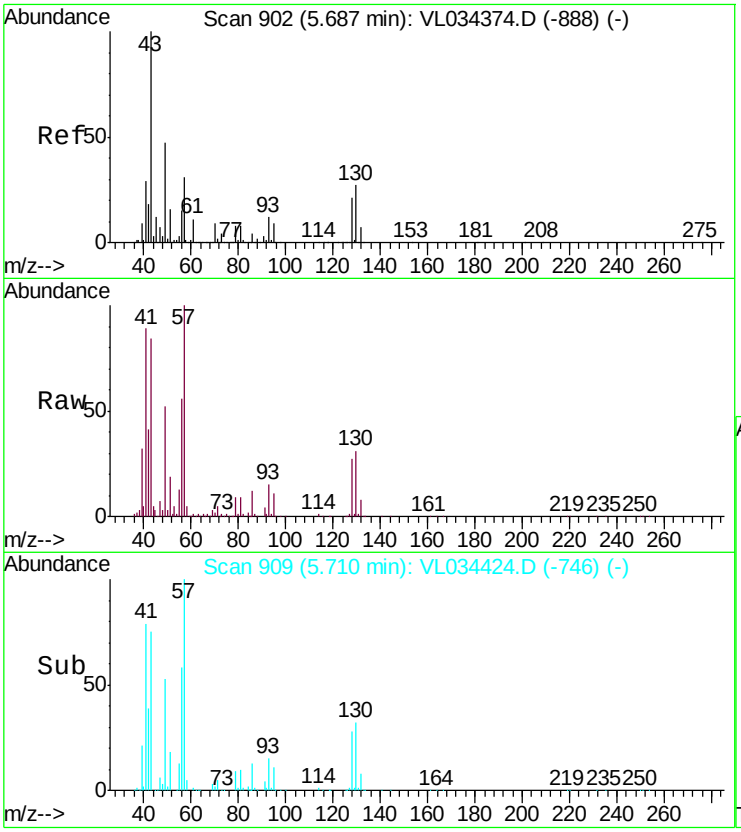


#24
1,1-Dichloroethane
Concen: 0.396 ppbv
RT: 5.03 min Scan# 697
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 63 Resp: 60756

Ion	Ratio	Lower	Upper
63	100		
98	5.0	1.9	5.7
100	1.3	1.4	4.0#



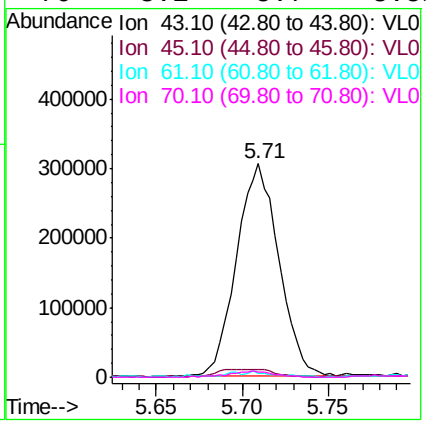


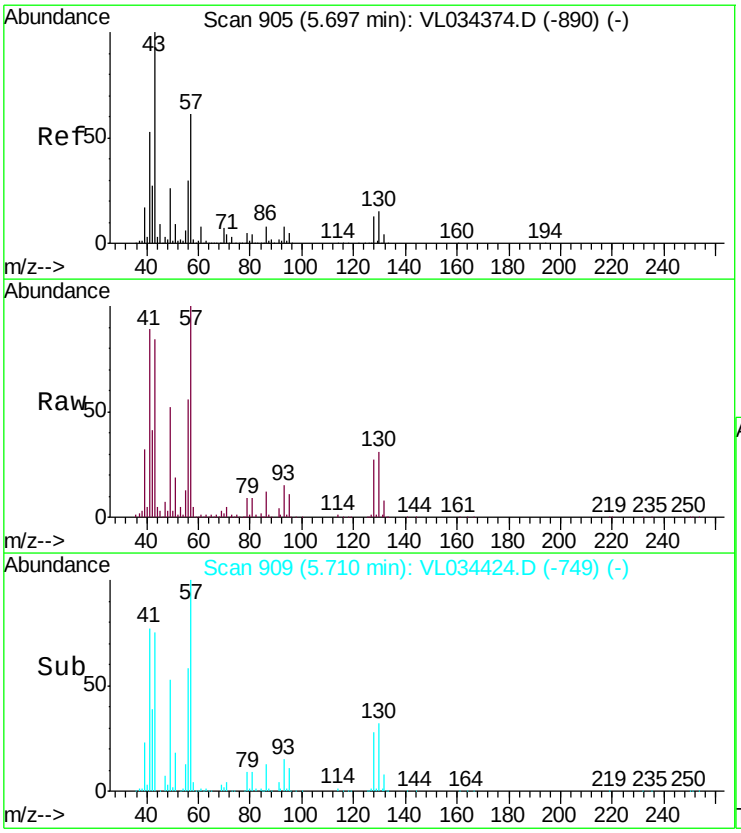
#25
Ethyl Acetate
Concen: 1.917 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 43 Resp: 522536

Ion	Ratio	Lower	Upper
43	100		
45	4.5	8.2	12.4#
61	0.0	7.5	11.3#
70	3.1	5.7	8.5#

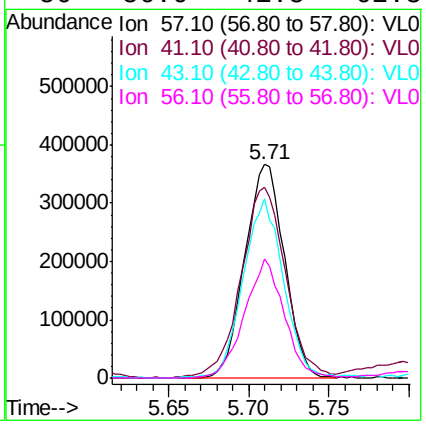


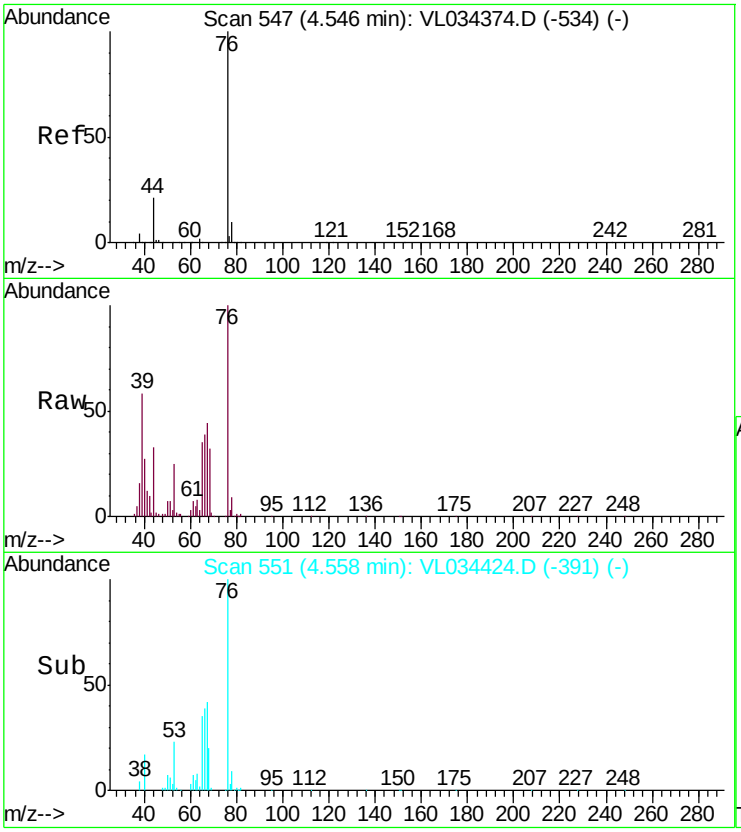


#26
Hexane
Concen: 5.310 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 57 Resp: 621854

Ion	Ratio	Lower	Upper
57	100		
41	100.1	75.0	112.4
43	85.8	186.6	279.8#
56	56.0	41.5	62.3



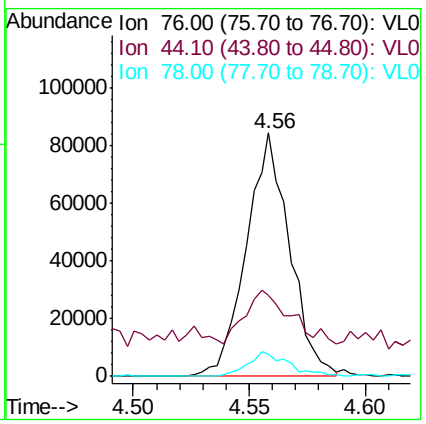


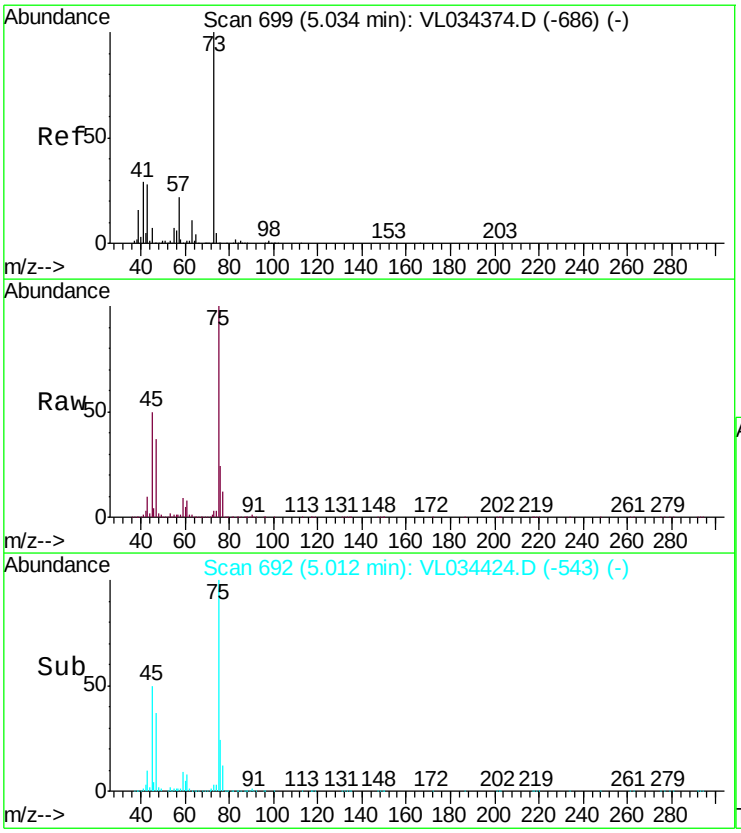
#27
Carbon Disulfide
Concen: 0.858 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 76 Resp: 109493

Ion	Ratio	Lower	Upper
76	100		
44	40.6	17.0	25.4#
78	9.6	7.6	11.4

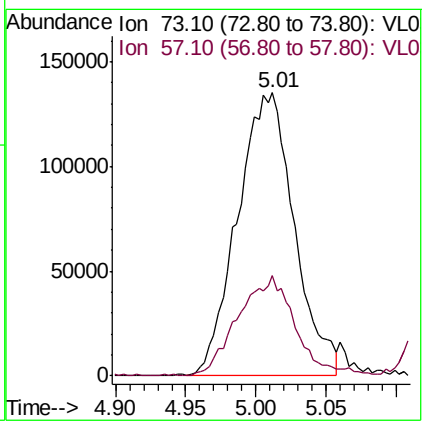


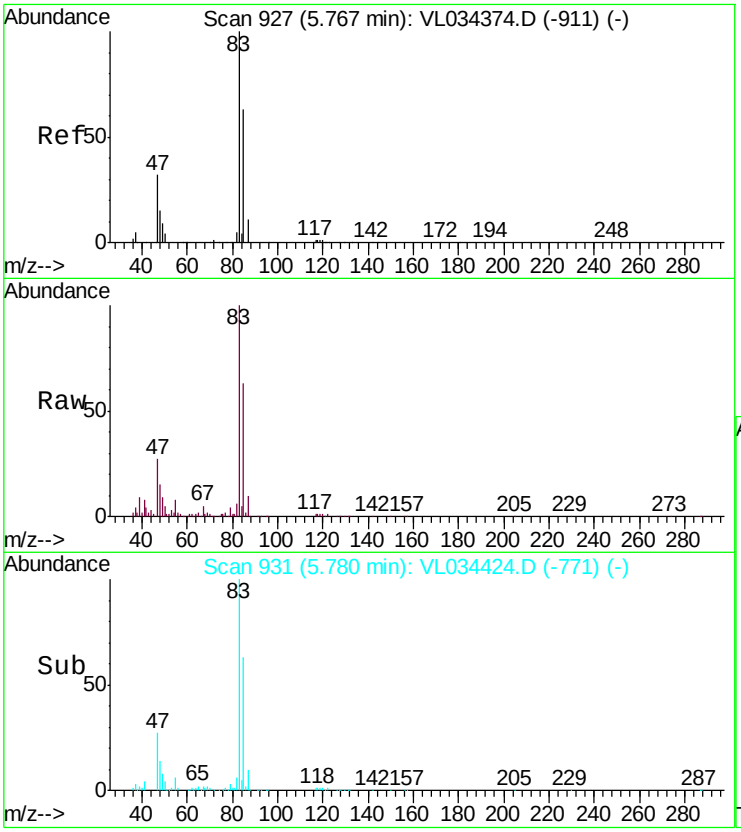


#28
Methyl tert-Butyl Ether
Concen: 1.948 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 73 Resp: 378297

Ion	Ratio	Lower	Upper
73	100		
57	36.0	18.4	27.6#



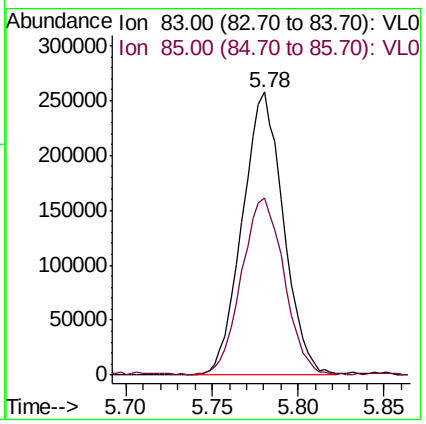


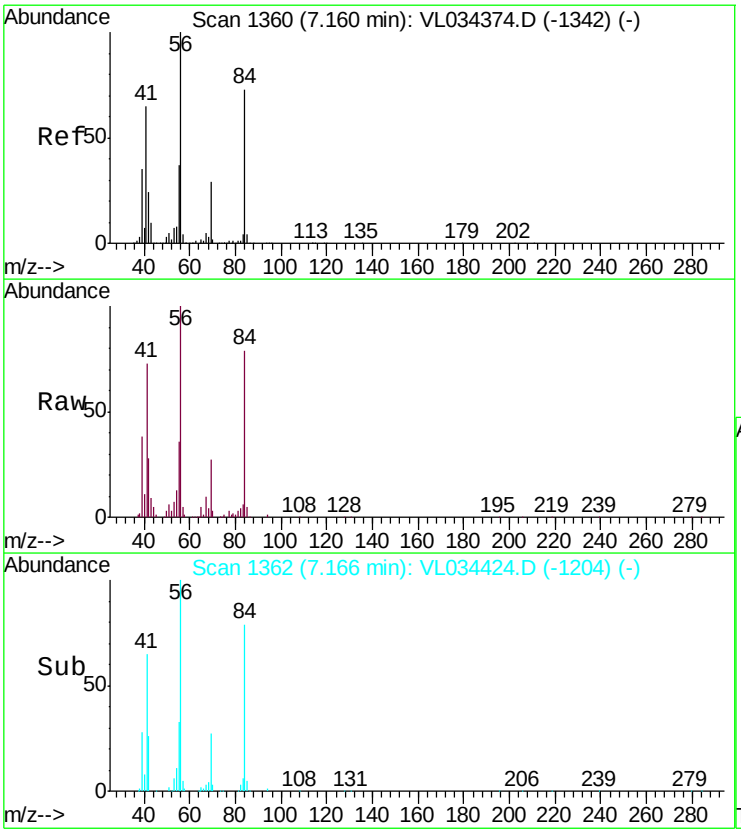
#29
Chloroform
Concen: 2.258 ppbv
RT: 5.78 min Scan# 931
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 83 Resp: 428215

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.4	75.6

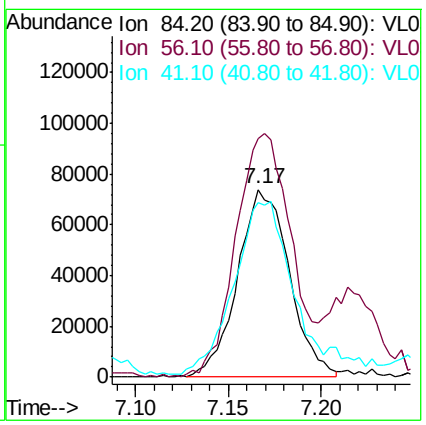


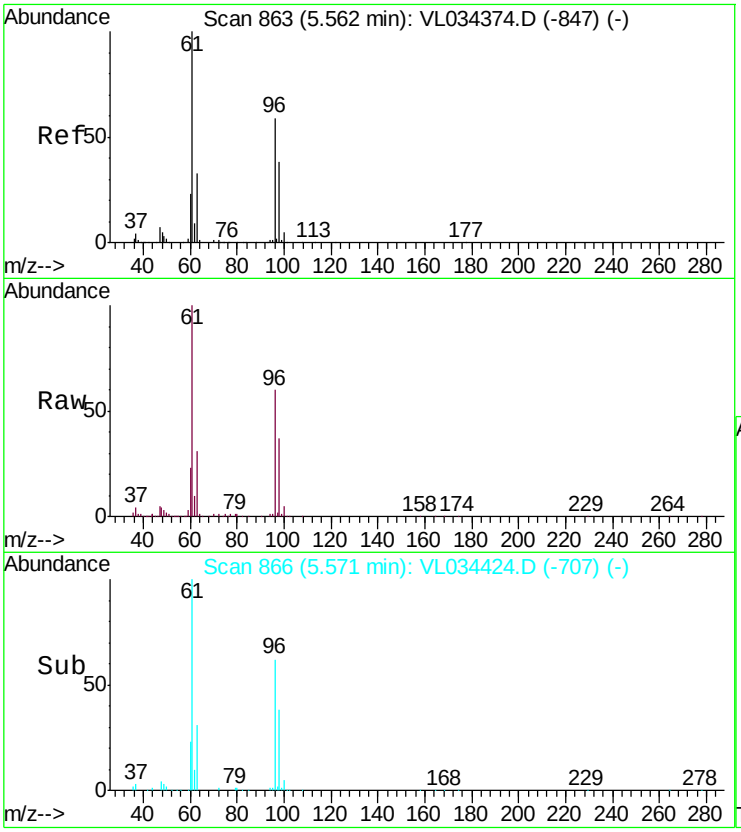


#30
Cyclohexane
Concen: 1.626 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 84 Resp: 143930

Ion	Ratio	Lower	Upper
84	100		
56	142.0	112.6	169.0
41	108.3	73.4	110.2



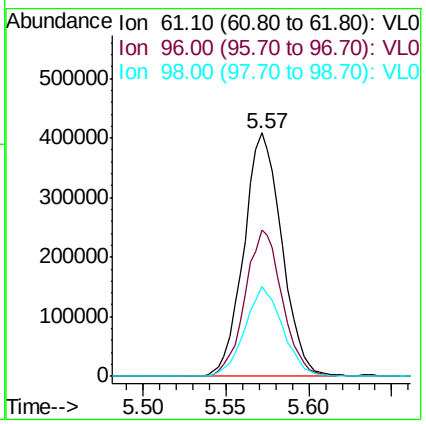


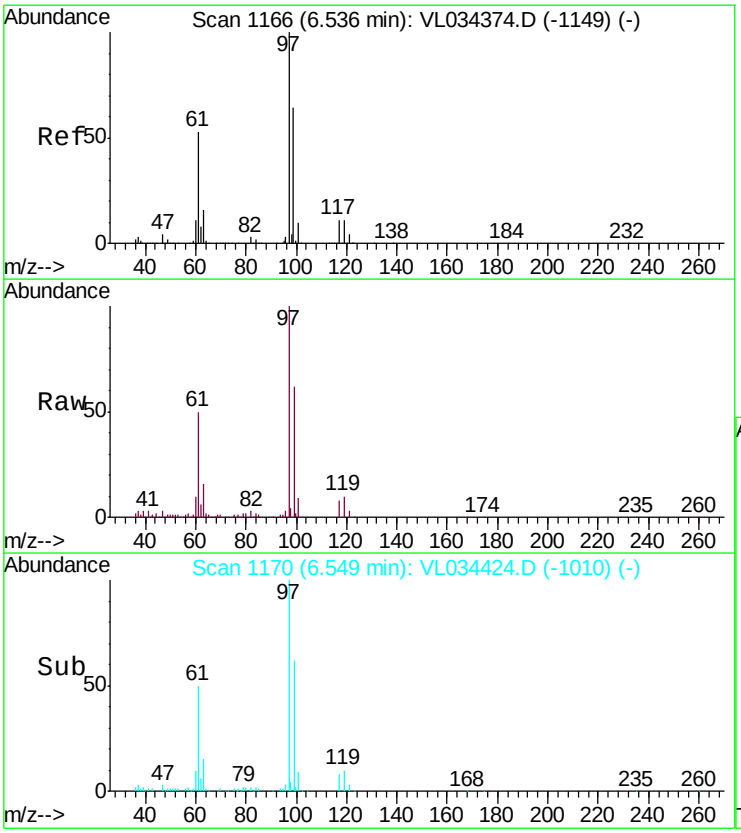
#31
cis-1,2-Dichloroethene
Concen: 5.378 ppbv
RT: 5.57 min Scan# 866
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 61 Resp: 650744

Ion	Ratio	Lower	Upper
61	100		
96	60.1	47.4	71.2
98	36.9	30.6	45.8

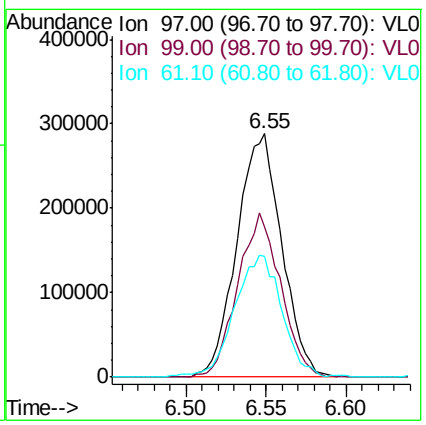


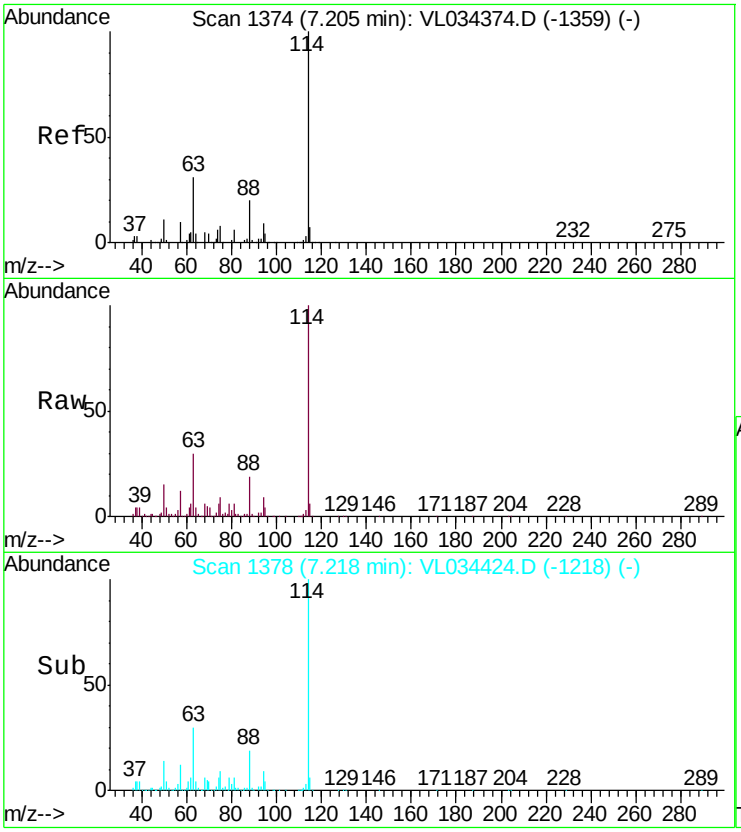


#32
1,1,1-Trichloroethane
Concen: 3.096 ppbv
RT: 6.55 min Scan# 1170
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 97 Resp: 550515

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	53.6	43.7	65.5



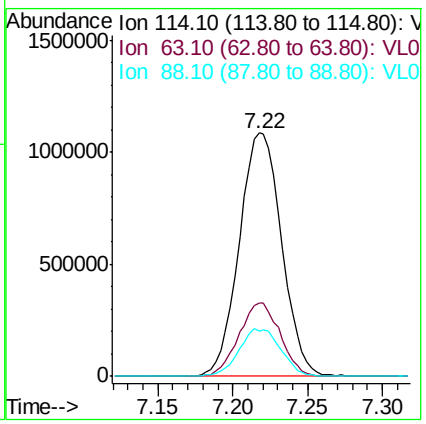


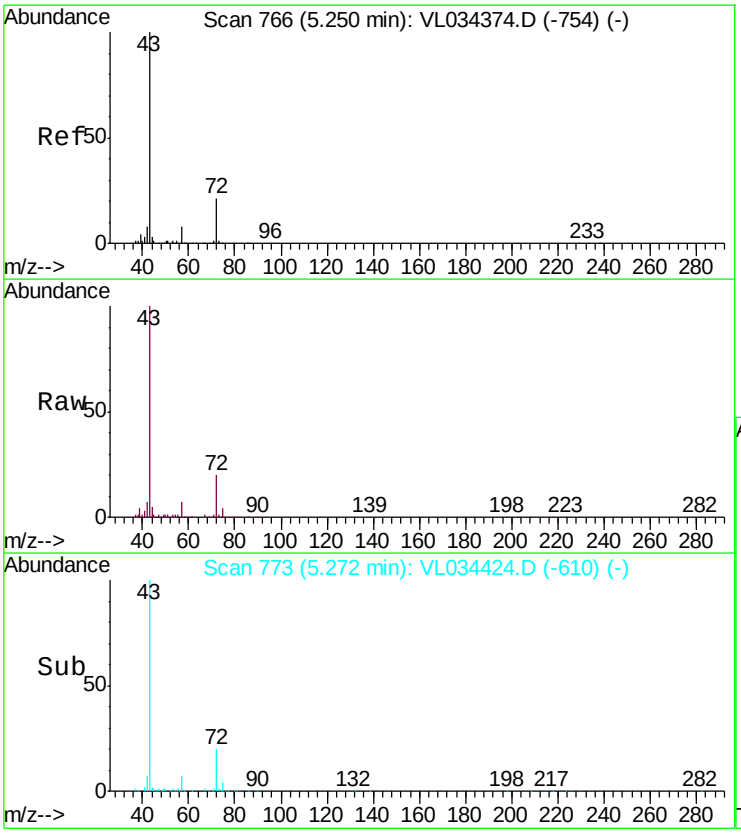
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion:114 Resp: 2135682

Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.2	36.4
88	19.4	15.9	23.9

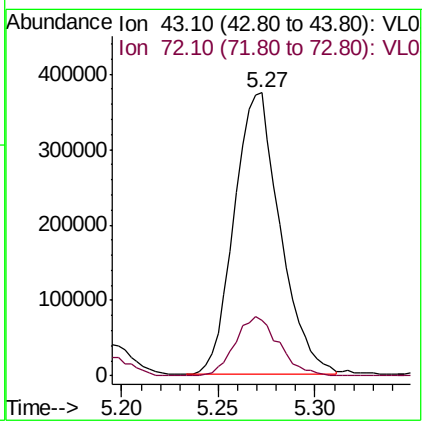


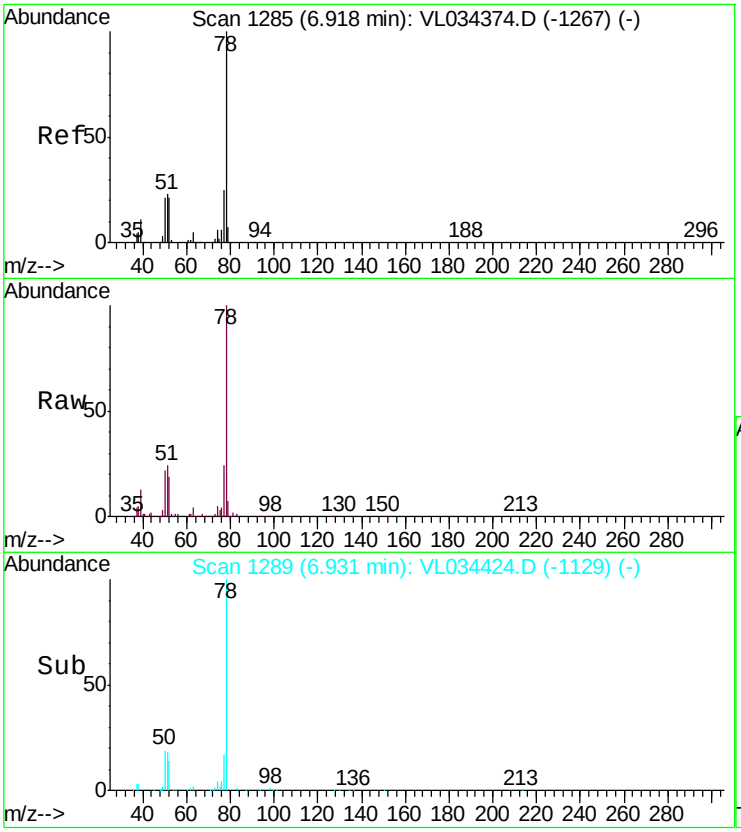


#34
2-Butanone
Concen: 3.504 ppbv
RT: 5.27 min Scan# 773
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 43 Resp: 615980

Ion	Ratio	Lower	Upper
43	100		
72	20.4	17.0	25.6



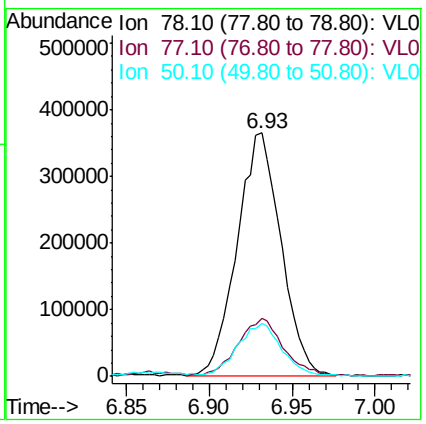


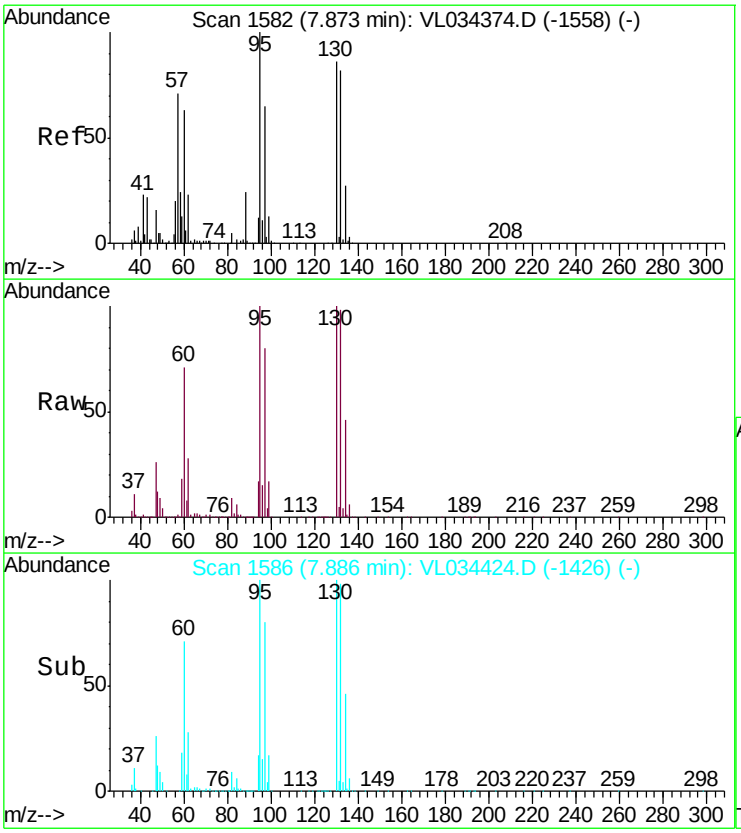
#36
Benzene
Concen: 3.130 ppbv
RT: 6.93 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 78 Resp: 668261

Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.2	30.4
50	21.5	17.1	25.7

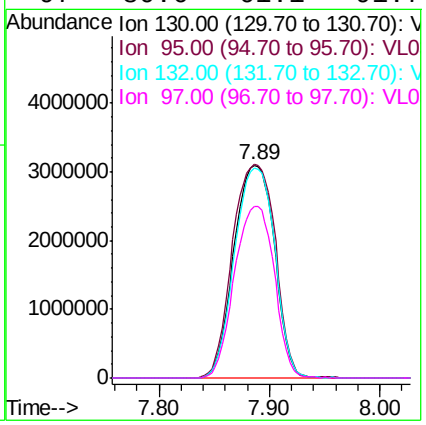


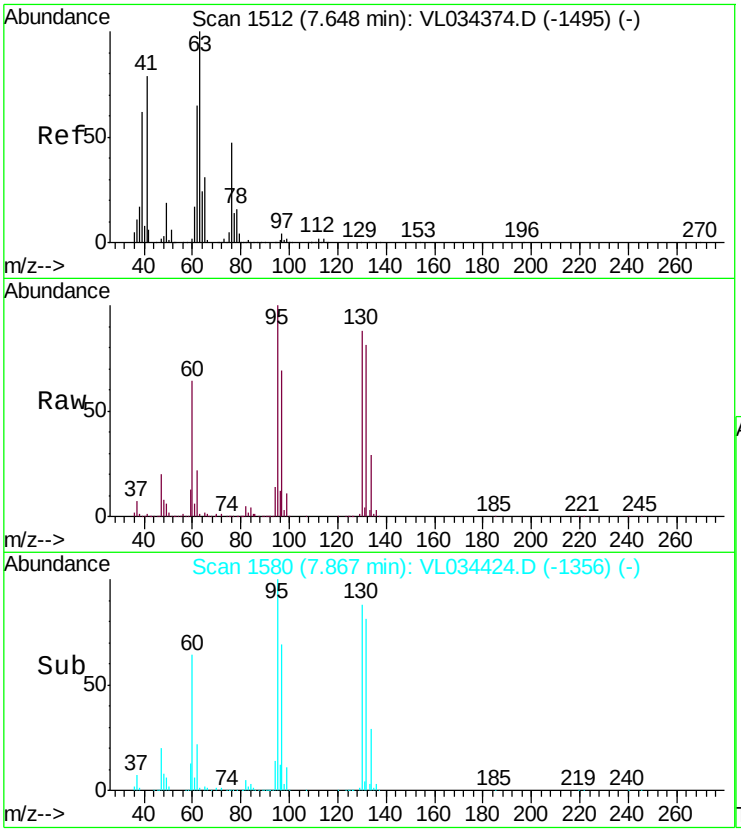


#38
Trichloroethene
Concen: 90.089 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:130 Resp: 7892798

Ion	Ratio	Lower	Upper
130	100		
95	100.2	93.4	140.0
132	98.4	76.4	114.6
97	80.6	61.1	91.7



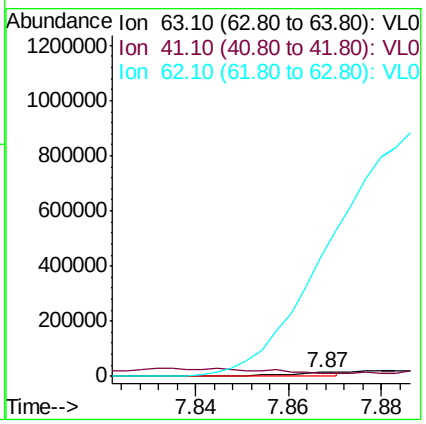


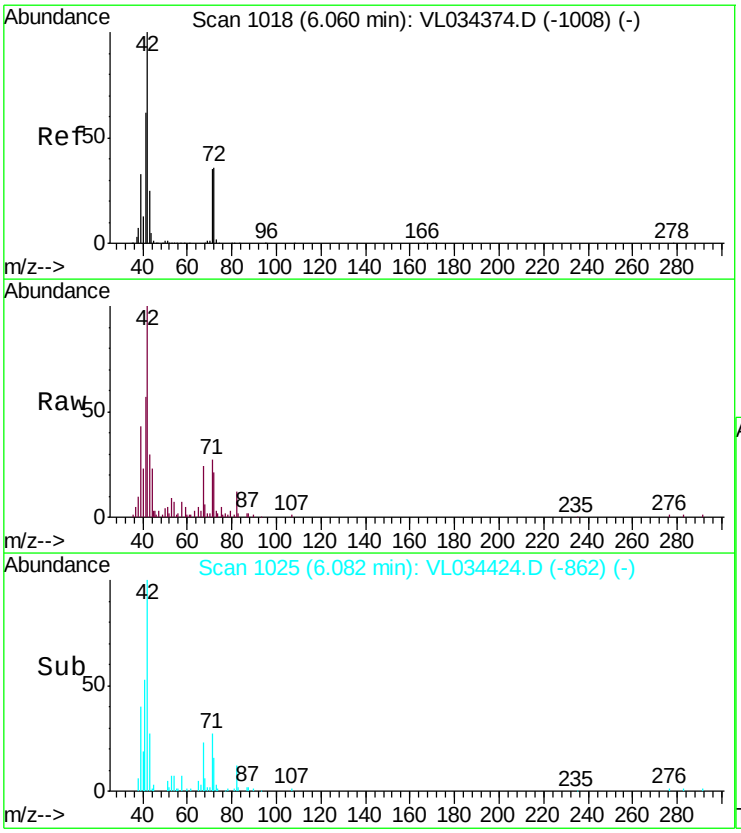
#39
1,2-Dichloropropane
Concen: 0.123 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.22 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 63 Resp: 10142

Ion	Ratio	Lower	Upper
63	100		
41	14.0	63.1	94.7#
62	3319.2	52.3	78.5#

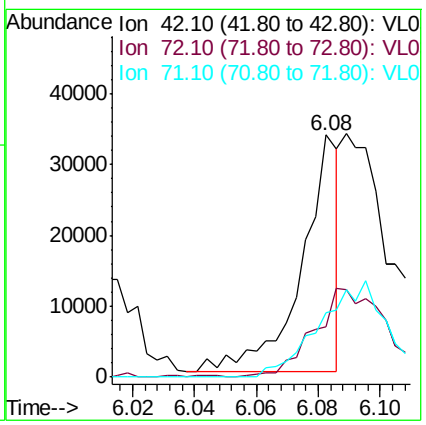


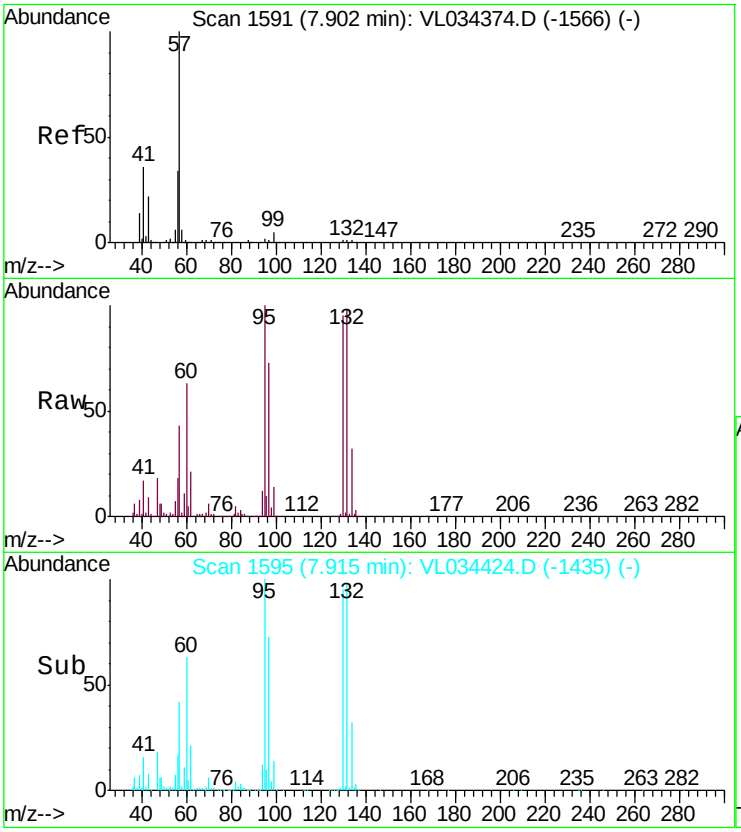


#41
Tetrahydrofuran
Concen: 0.282 ppbv
RT: 6.08 min Scan# 1025
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 42 Resp: 27821

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.4#
71	0.0	29.4	44.2#



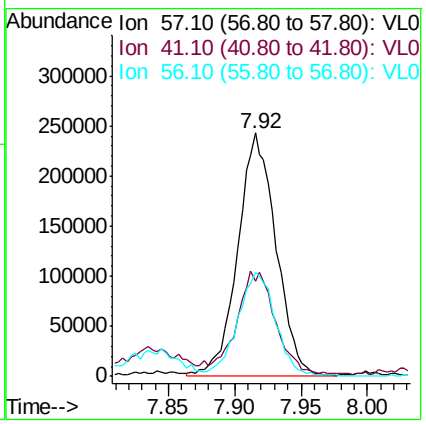


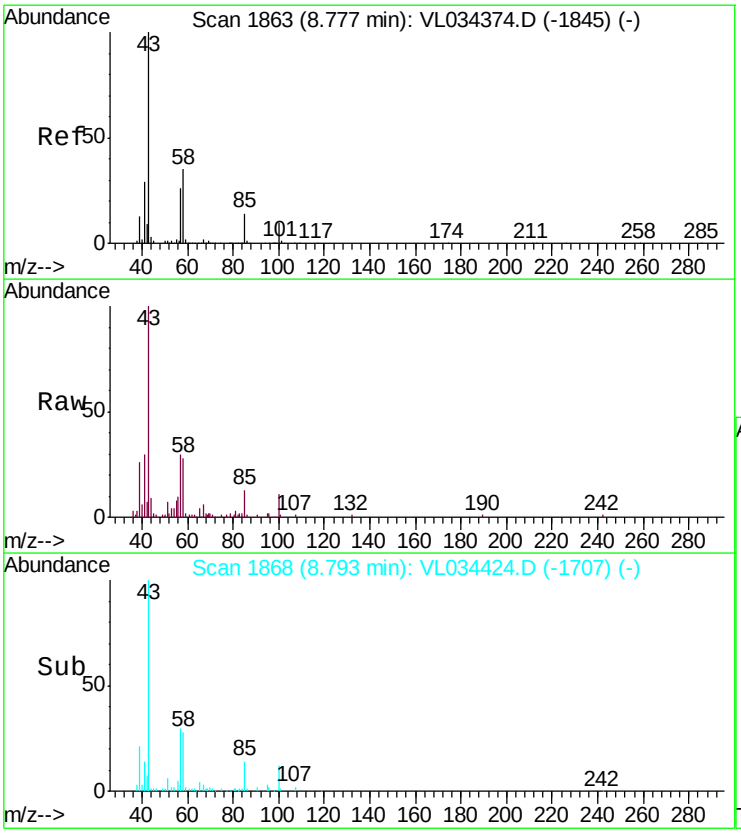
#44
2,2,4-Trimethylpentane
Concen: 1.237 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 57 Resp: 482689

Ion	Ratio	Lower	Upper
57	100		
41	44.6	28.6	42.8#
56	42.8	25.3	37.9#

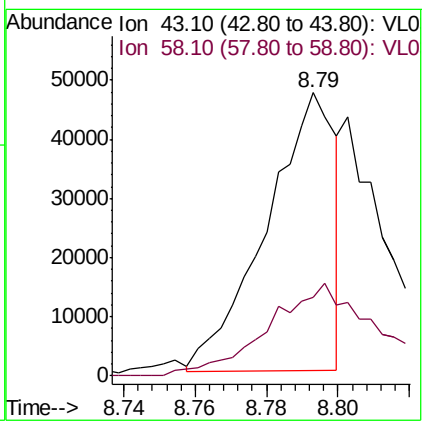


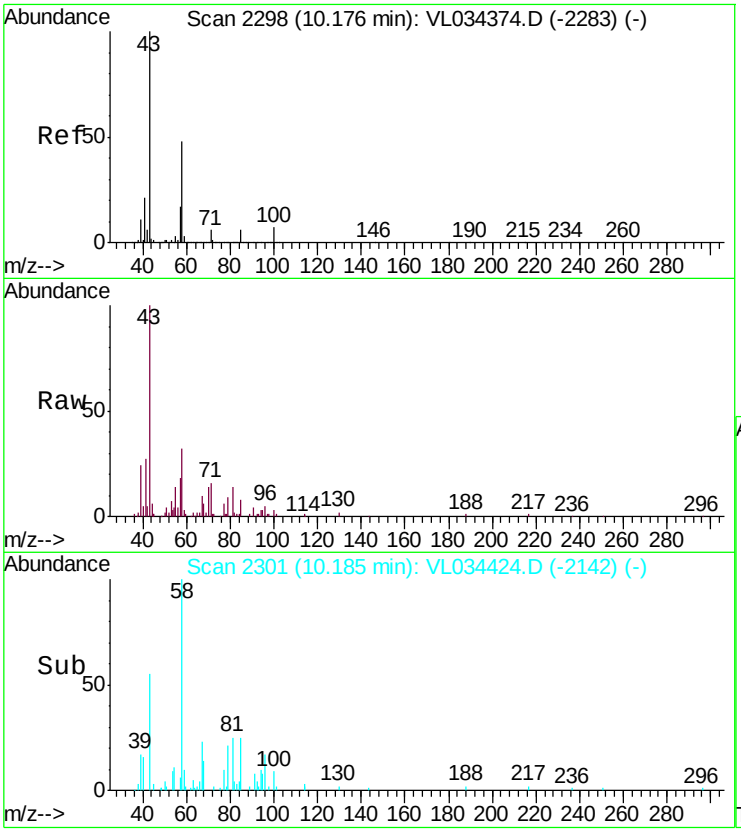


#50
4-Methyl-2-Pentanone
Concen: 0.247 ppbv
RT: 8.79 min Scan# 1868
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 43 Resp: 62840

Ion	Ratio	Lower	Upper
43	100		
58	52.6	27.9	41.9#



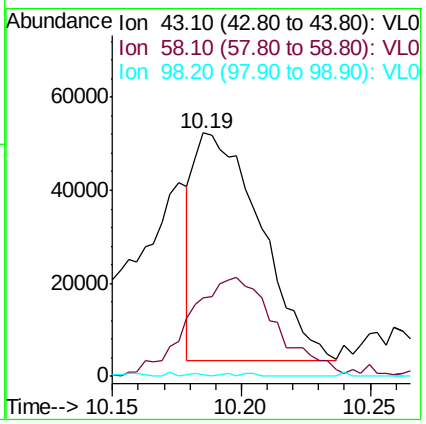


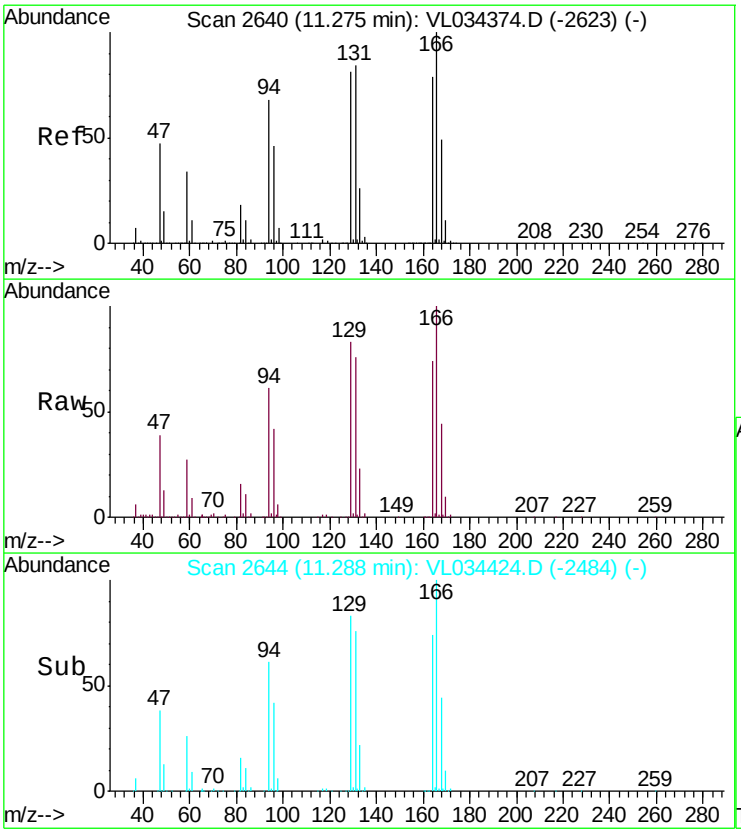
#51
2-Hexanone
Concen: 0.410 ppbv
RT: 10.19 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 43 Resp: 87285

Ion	Ratio	Lower	Upper
43	100		
58	58.7	38.2	57.4#
98	0.8	0.2	0.2#

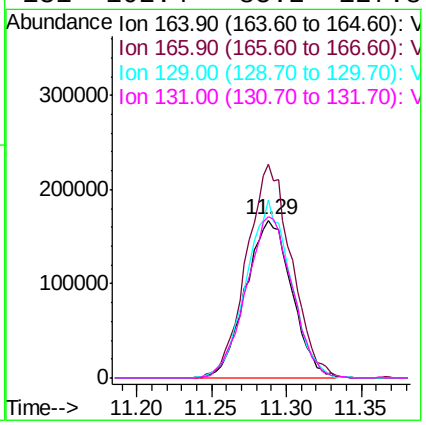


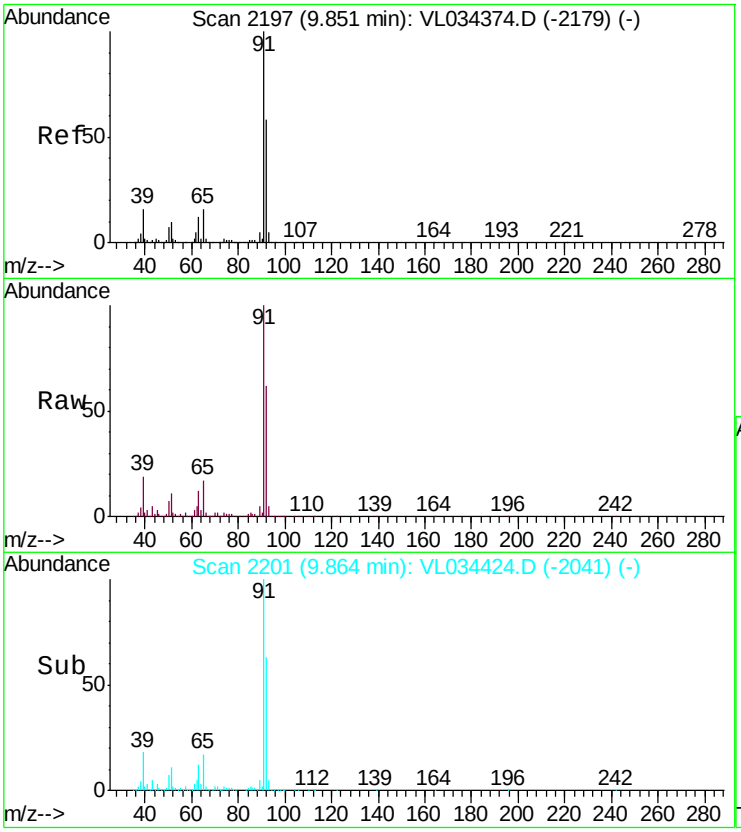


#52
Tetrachloroethene
Concen: 3.882 ppbv
RT: 11.29 min Scan# 2644
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:164 Resp: 358607

Ion	Ratio	Lower	Upper
164	100		
166	135.3	101.7	152.5
129	112.6	82.6	123.8
131	102.4	85.2	127.8



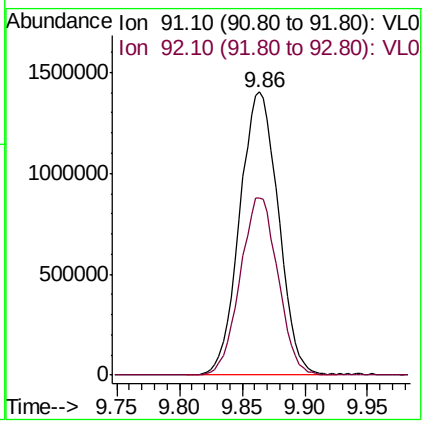


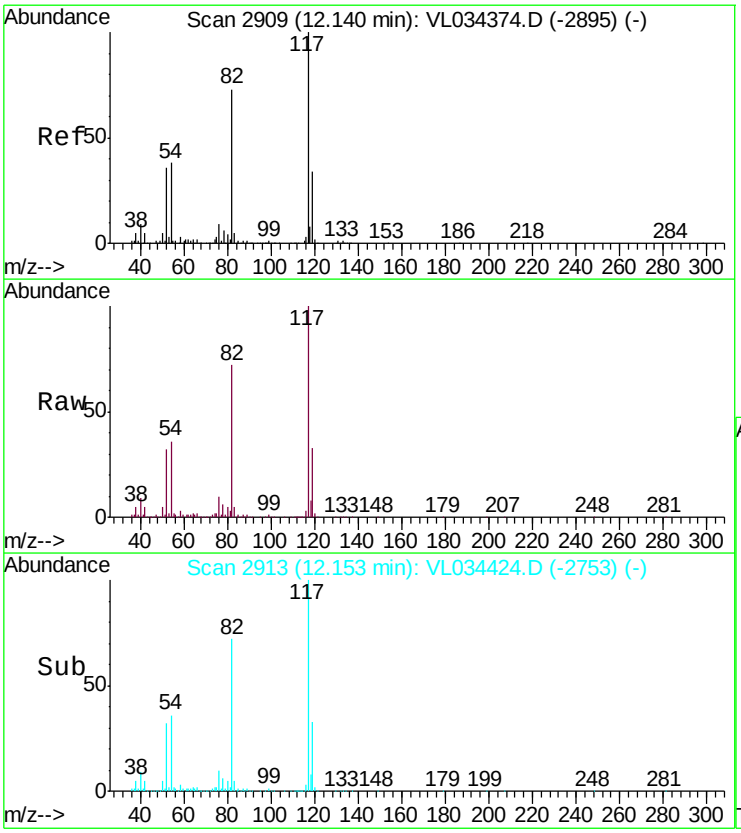
#53
Toluene
Concen: 12.419 ppbv
RT: 9.86 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 91 Resp: 3011665

Ion	Ratio	Lower	Upper
91	100		
92	61.7	47.9	71.9

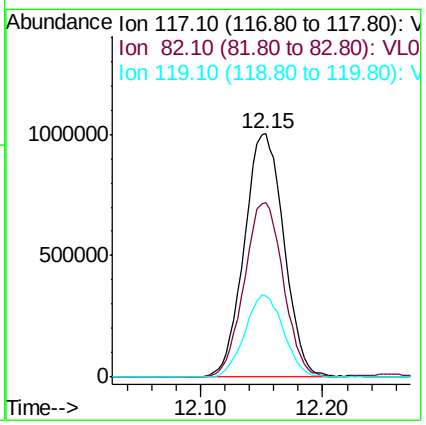


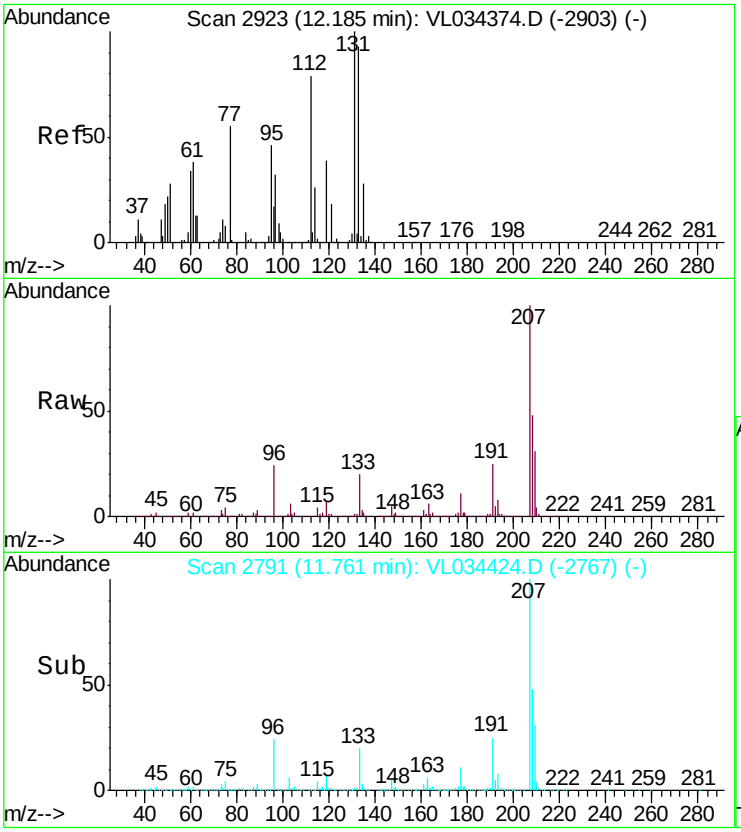


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:117 Resp: 2248327

Ion	Ratio	Lower	Upper
117	100		
82	70.7	57.5	86.3
119	33.1	25.4	38.2



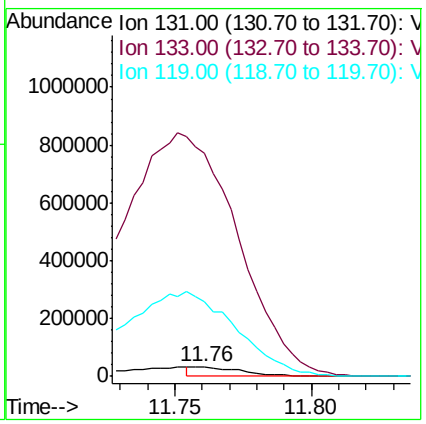


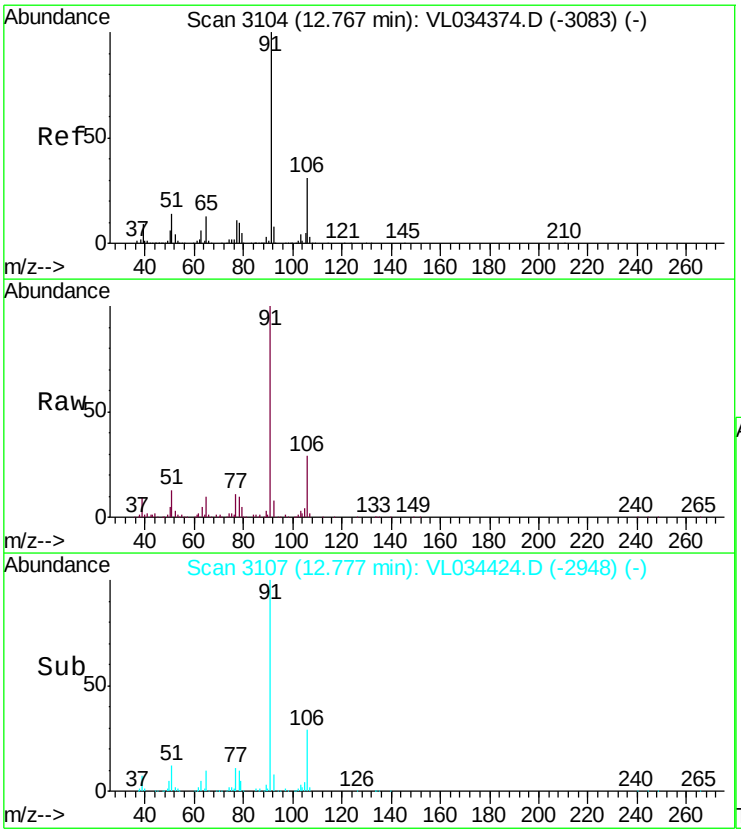
#56
1,1,1,2-Tetrachloroethane
Concen: 0.373 ppbv
RT: 11.76 min Scan# 2791
Delta R.T. -0.42 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion:131 Resp: 41013

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.2	114.2#
119	0.0	44.6	67.0#

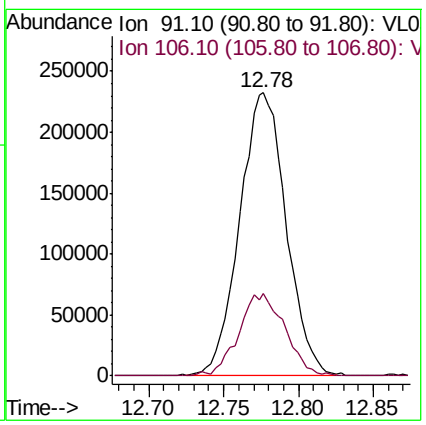


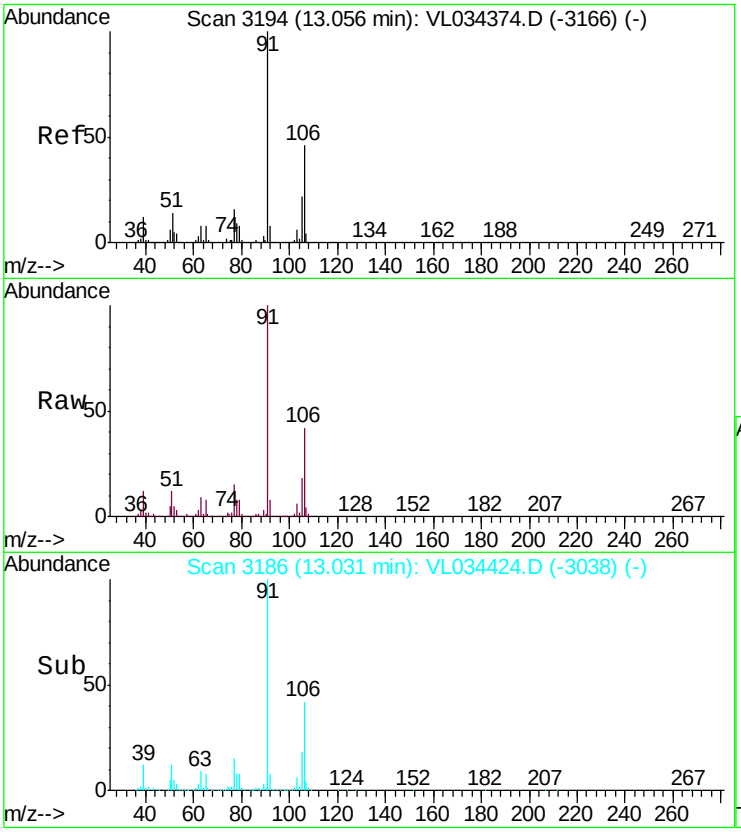


#58
Ethyl Benzene
Concen: 1.443 ppbv
RT: 12.78 min Scan# 3107
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 91 Resp: 503610

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.8	37.2



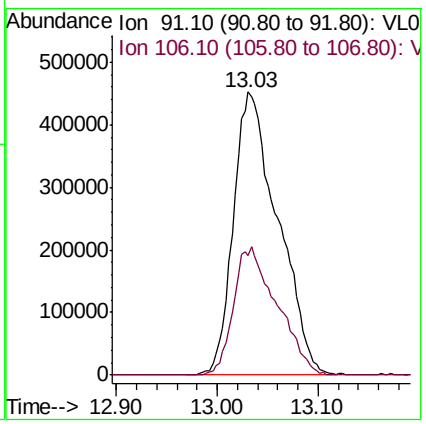


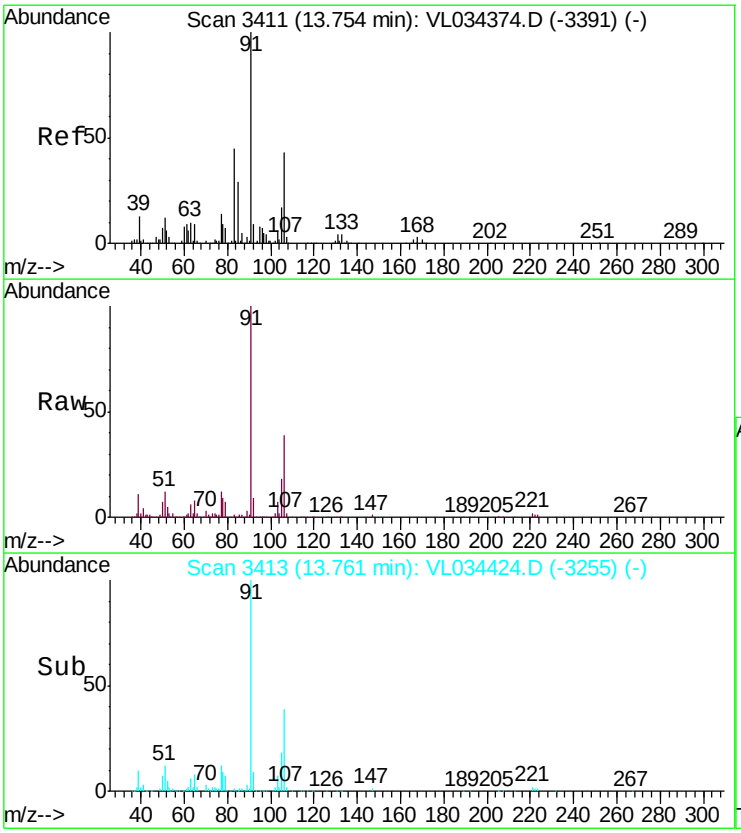
#59
m/p-Xylene
Concen: 4.573 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. -0.03 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion: 91 Resp: 1379167

Ion	Ratio	Lower	Upper
91	100		
106	44.6	34.6	51.8

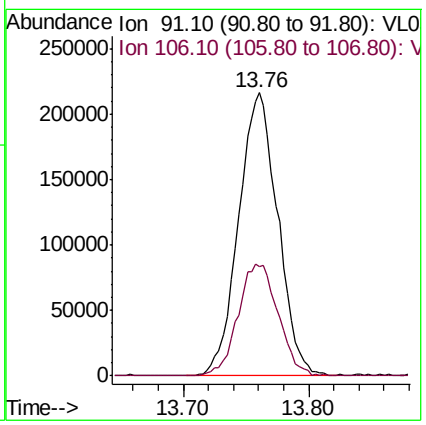


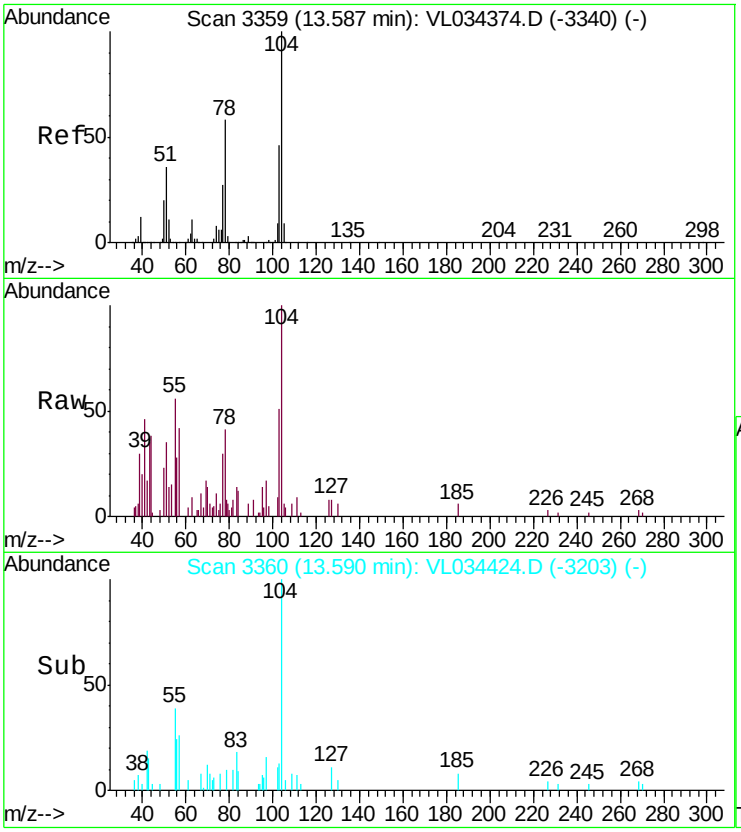


#60
o-Xylene
Concen: 1.565 ppbv
RT: 13.76 min Scan# 3413
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 91 Resp: 466808

Ion	Ratio	Lower	Upper
91	100		
106	40.7	21.3	64.0



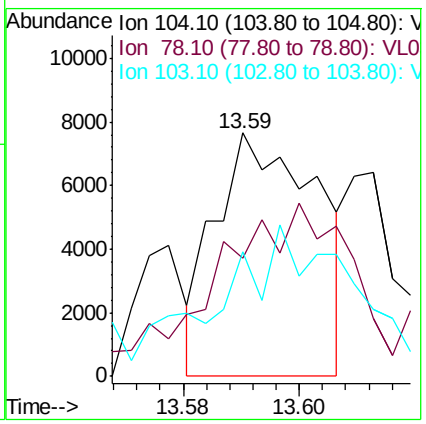


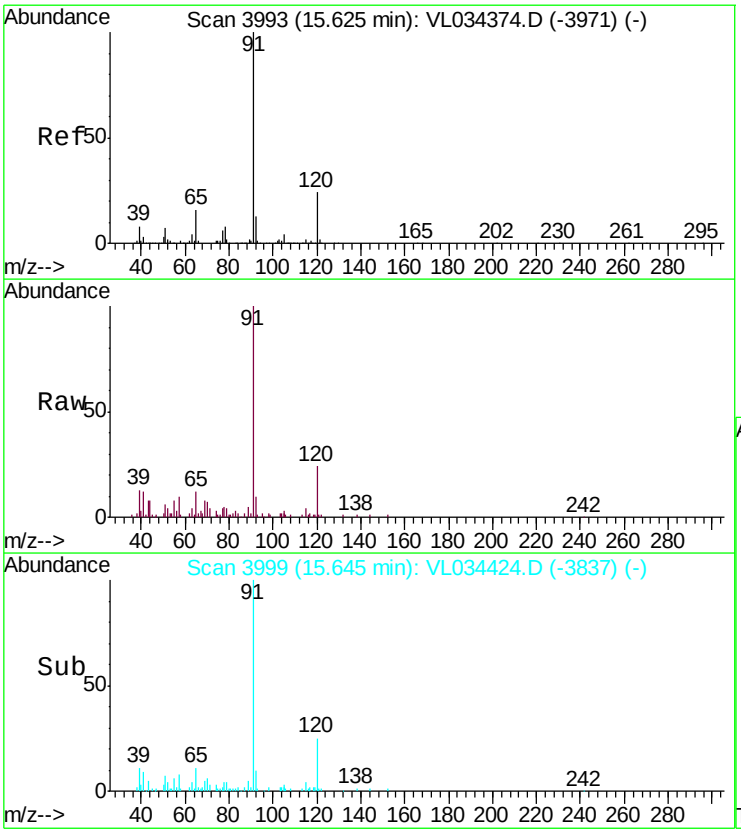
#61
Styrene
Concen: 0.043 ppbv
RT: 13.59 min Scan# 3360
Delta R.T. 0.00 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion:104 Resp: 9298

Ion	Ratio	Lower	Upper
104	100		
78	115.8	47.6	71.4#
103	92.9	38.6	57.8#

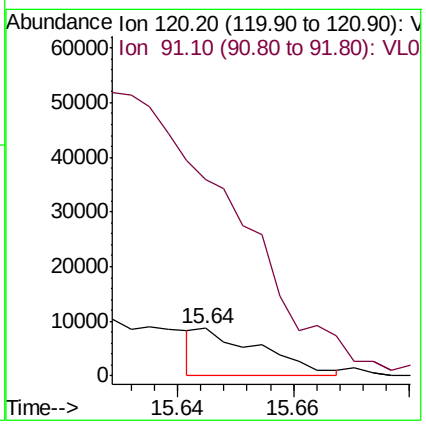


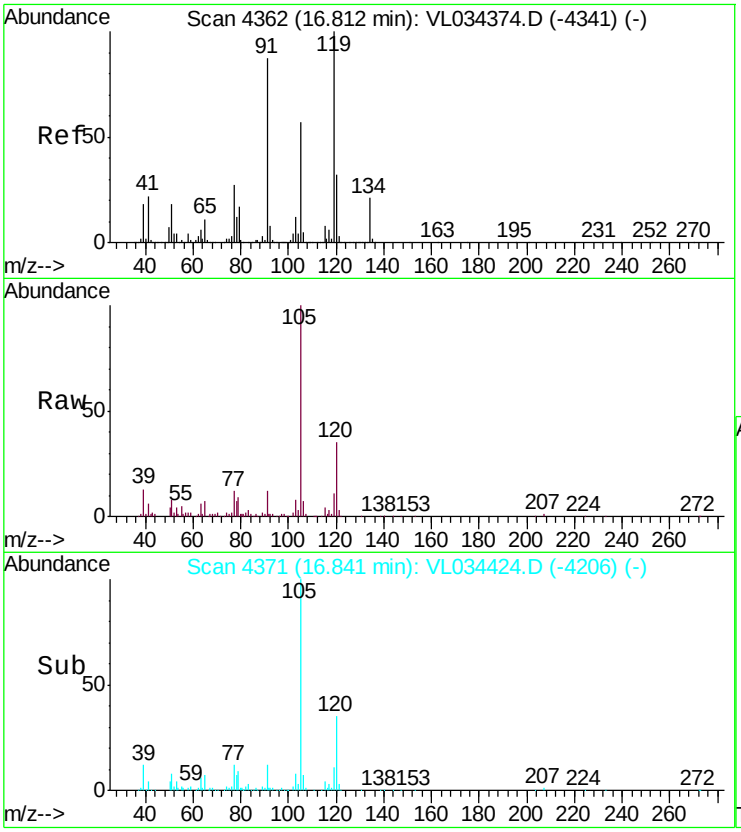


#64
n-propylbenzene
Concen: 0.065 ppbv
RT: 15.64 min Scan# 3999
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:120 Resp: 6617

Ion	Ratio	Lower	Upper
120	100		
91	0.0	370.9	556.3#



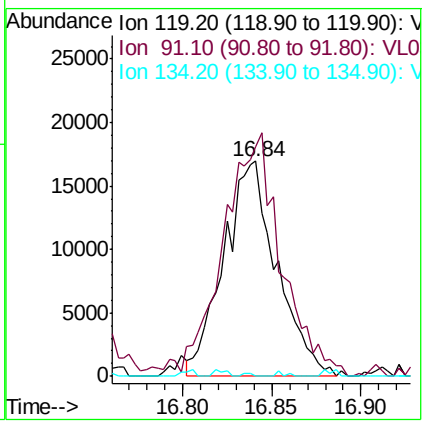


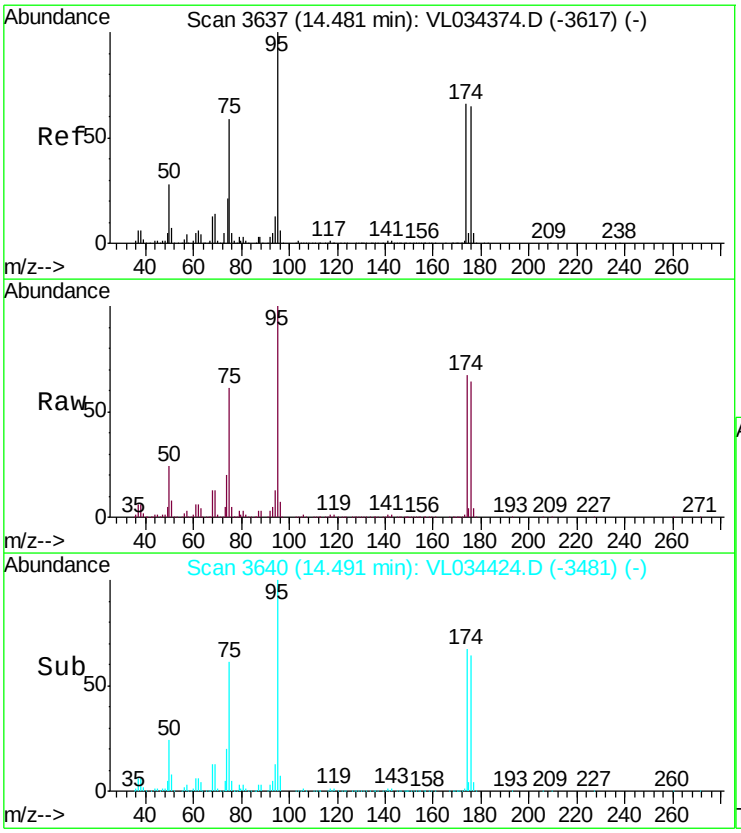
#65
tert-Butylbenzene
Concen: 0.099 ppbv
RT: 16.84 min Scan# 4371
Delta R.T. 0.03 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument : MSVOA_L
ClientSampleId : SV-1

Tgt Ion:119 Resp: 35096

Ion	Ratio	Lower	Upper
119	100		
91	121.4	71.6	107.4#
134	4.8	15.9	23.9#

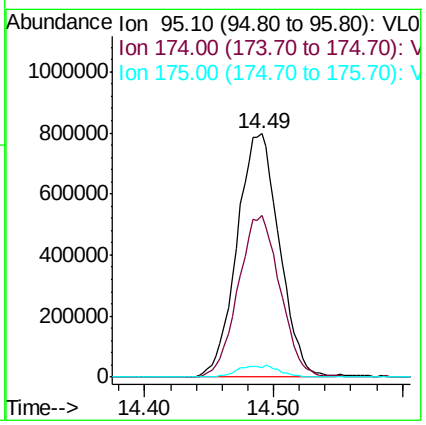


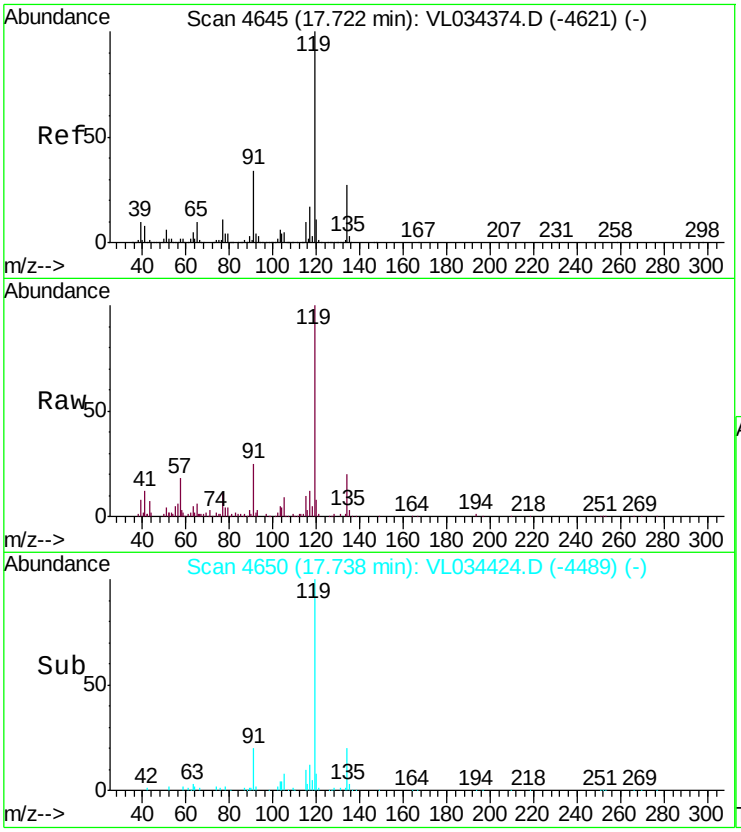


#68
1-Bromo-4-Fluorobenzene
Concen: 9.627 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion: 95 Resp: 1820885

Ion	Ratio	Lower	Upper
95	100		
174	66.0	52.2	78.2
175	4.7	3.8	5.8



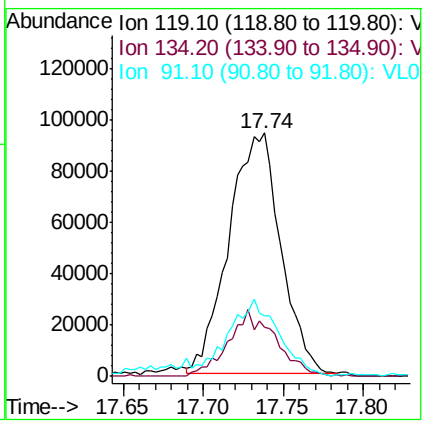


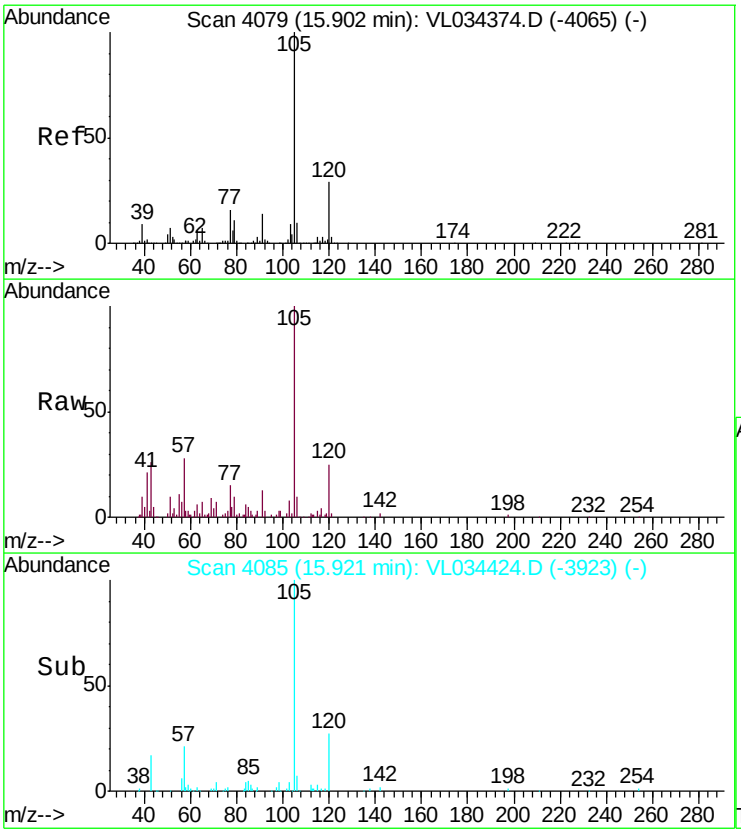
#69
p-Isopropyltoluene
Concen: 0.505 ppbv
RT: 17.74 min Scan# 4650
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion:119 Resp: 207846

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.6	31.0
91	34.8	26.3	39.5

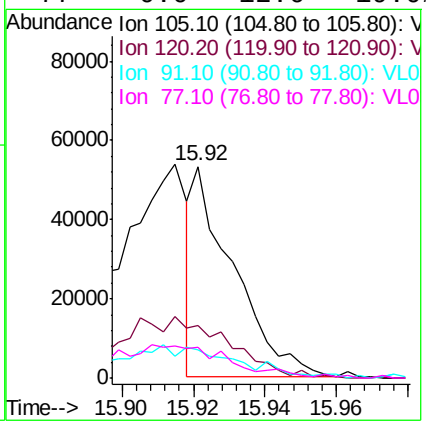


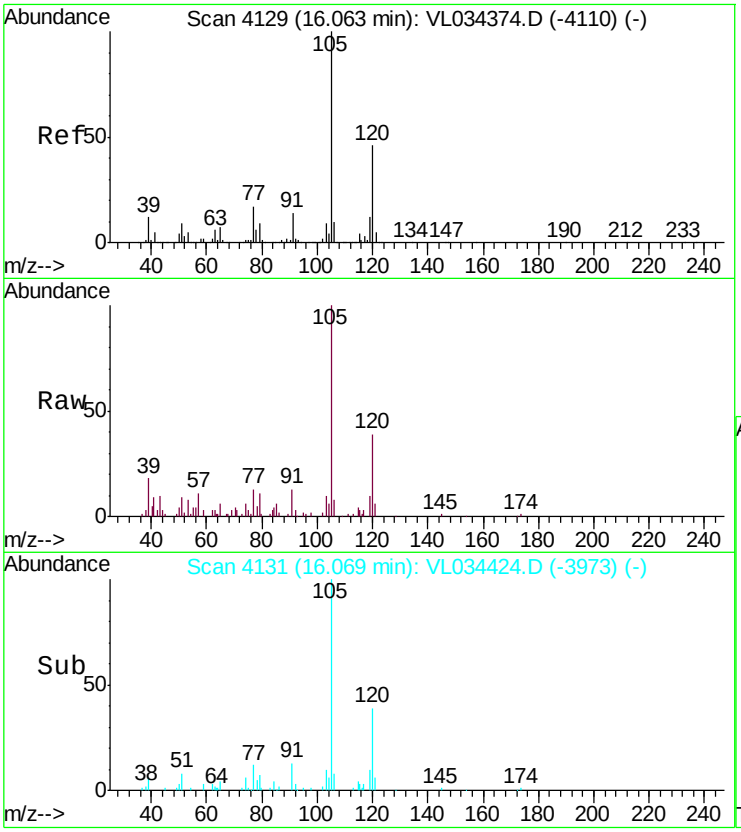


#72
4-Ethyltoluene
Concen: 0.120 ppbv
RT: 15.92 min Scan# 4085
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:105 Resp: 41301

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.5	35.3#
91	0.0	11.4	17.0#
77	0.0	12.6	19.0#



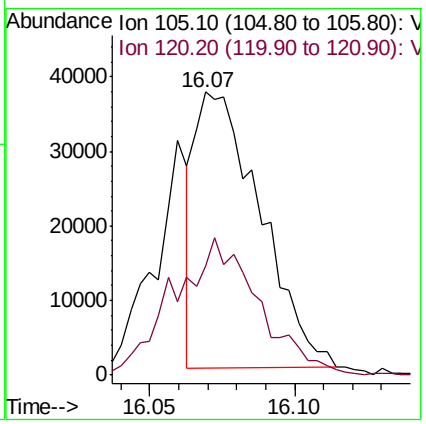


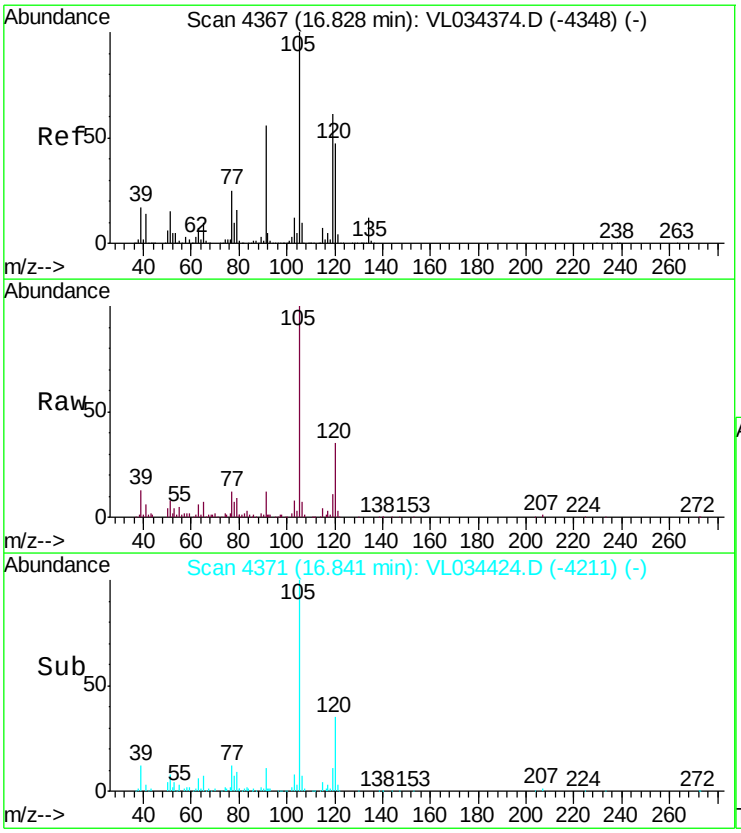
#73
1,3,5-Trimethylbenzene
Concen: 0.171 ppbv
RT: 16.07 min Scan# 4131
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion:105 Resp: 57548

Ion	Ratio	Lower	Upper
105	100		
120	44.5	37.1	55.7

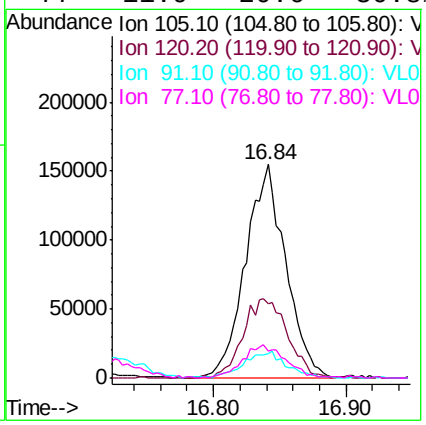


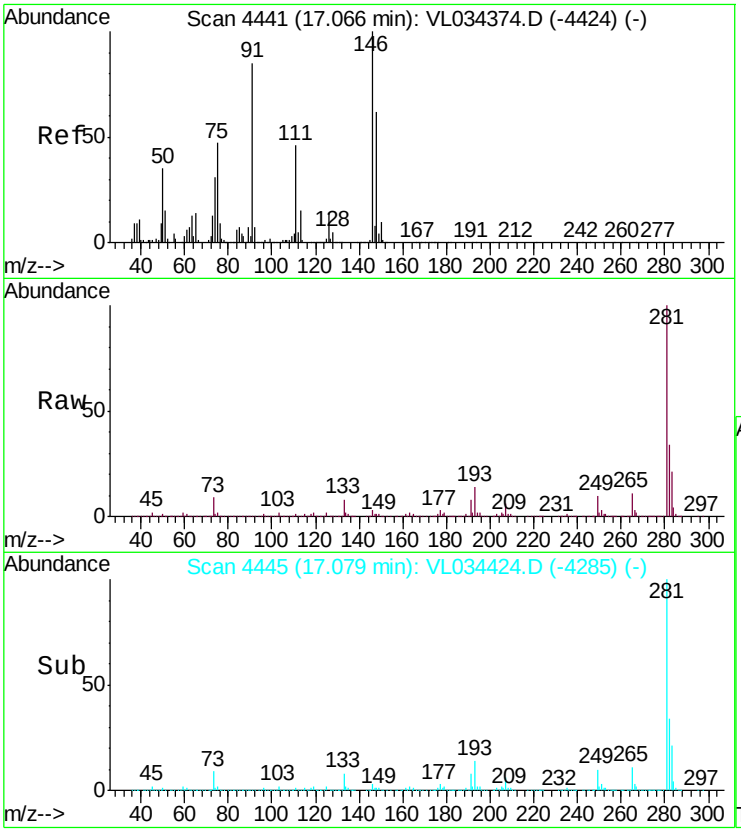


#74
1,2,4-Trimethylbenzene
Concen: 0.906 ppbv
RT: 16.84 min Scan# 4371
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:105 Resp: 324570

Ion	Ratio	Lower	Upper
105	100		
120	34.7	37.4	56.0#
91	12.5	46.3	69.5#
77	11.9	20.6	30.8#



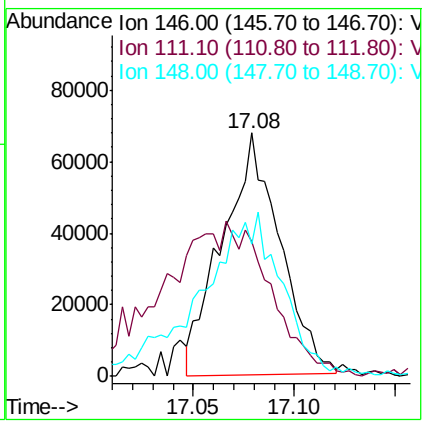


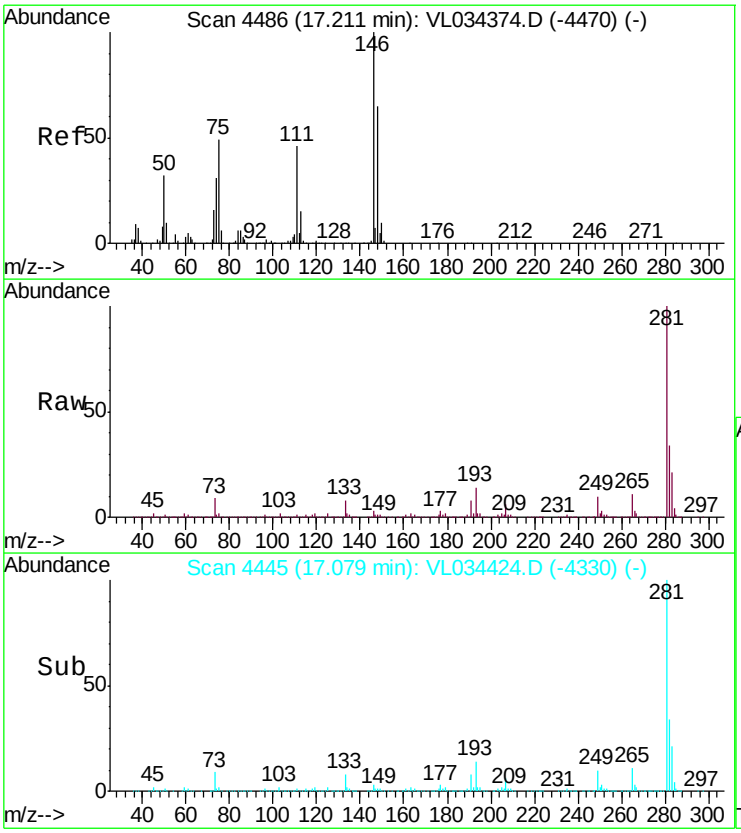
#75
1,3-Dichlorobenzene
Concen: 0.650 ppbv
RT: 17.08 min Scan# 4445
Delta R.T. 0.01 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion:146 Resp: 133933

Ion	Ratio	Lower	Upper
146	100		
111	120.6	24.4	73.4#
148	99.1	32.4	97.0#

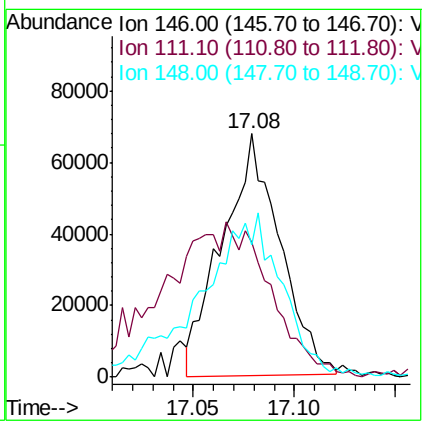


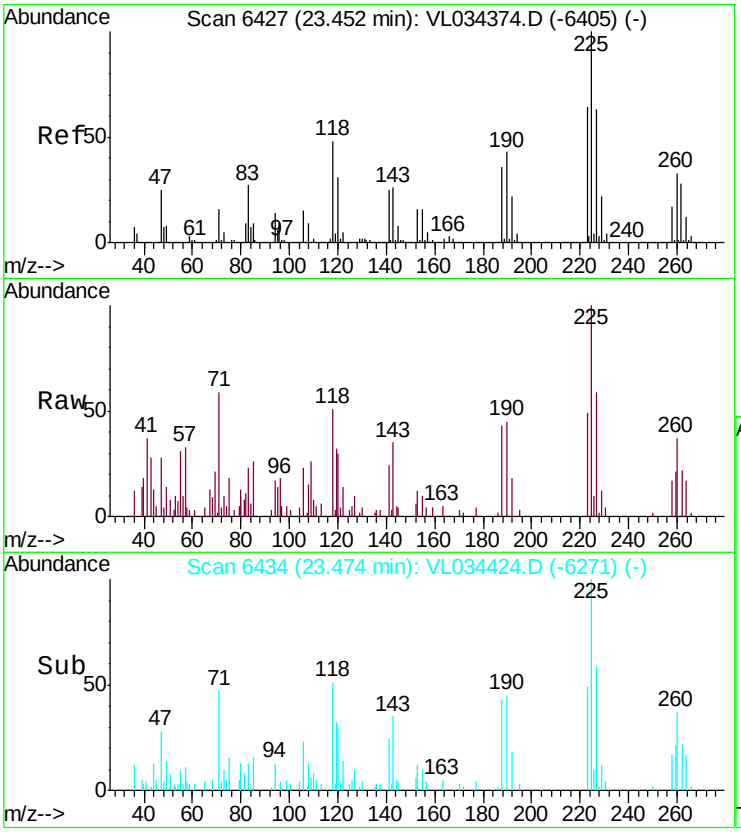


#76
1,4-Dichlorobenzene
Concen: 0.670 ppbv
RT: 17.08 min Scan# 4445
Delta R.T. -0.13 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:146 Resp: 133933

Ion	Ratio	Lower	Upper
146	100		
111	120.6	24.1	72.3#
148	99.1	32.9	98.6#



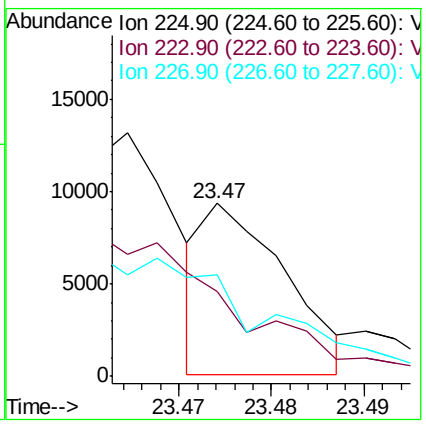


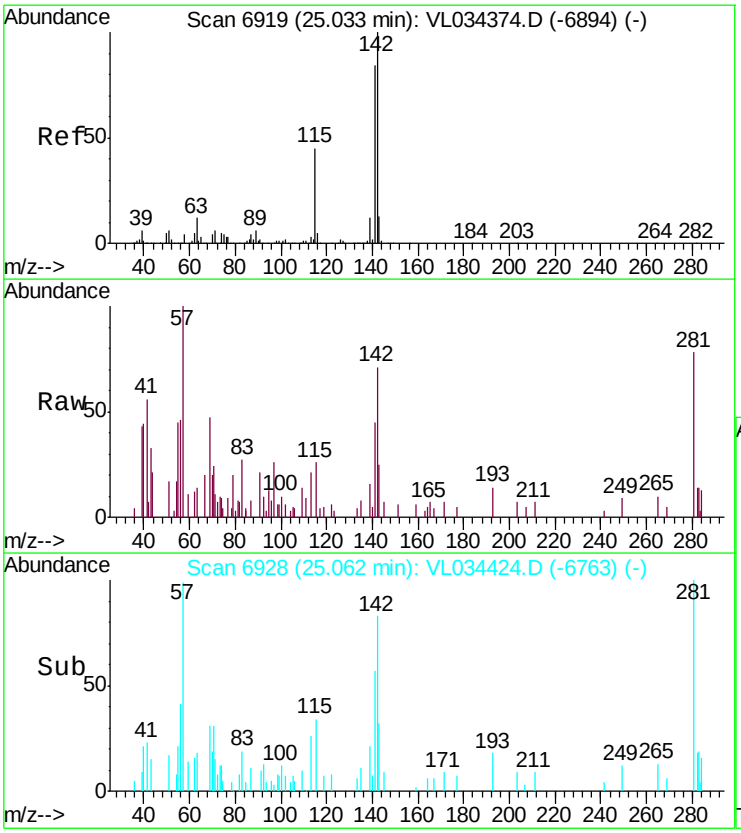
#78
Hexachloro-1,3-Butadiene
Concen: 0.033 ppbv
RT: 23.47 min Scan# 6434
Delta R.T. 0.02 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion:225 Resp: 5670

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.2	75.2#
227	0.0	51.5	77.3#





#80
Naphthalene,2-methyl-
Concen: 0.062 ppbv
RT: 25.06 min Scan# 6928
Delta R.T. 0.03 min
Lab File: VL034424.D
Acq: 2 Dec 2019 13:42

Tgt Ion:142 Resp: 8669

Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.1	100.7
115	40.3	36.6	54.8