Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034434.D
Acq On : 2 Dec 2019 20:08
Operator : SY/AP
Sample : K6068-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-4

Quant Time: Dec 03 02:51:42 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	896715	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.23	114	1816589	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.16	117	1746869	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1532301	10.43	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	104199	0.642	ppbv		95
3) Chlorodifluoromethane	2.96	51	70339	0.629	ppbv		94
4) Chloromethane	3.12	50	27200	0.412	ppbv		98
8) Dichlorotetrafluoroethane	3.02	85	104199	0.715	ppbv	#	18
9) Propene	2.99	41	415770	8.370	ppbv		83
10) Heptane	8.18	43	66432	0.518	ppbv		92
11) Trichlorofluoromethane	3.95	101	37931	0.235	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	3472	0.032	ppbv	#	14
13) Ethanol	3.60	45	189390	13.688	ppbv		100
15) Acetone	3.84	43	6063429	47.221	ppbv	#	86
16) 1,3-Butadiene	3.29	39	184340	3.296	ppbv	#	32
17) tert-Butyl alcohol	4.31	59	100125	0.928	ppbv	#	63
18) 1,1-Dichloroethene	4.29	96	3349	0.071	ppbv	#	1
19) Isopropyl Alcohol	3.97	45	443744	5.391	ppbv	#	96
20) Methylene Chloride	4.35	84	50630	1.112	ppbv		91
22) trans-1,2-Dichloroethene	4.90	96	19550	0.414	ppbv	#	85
23) Vinyl Acetate	5.07	43	35288	0.210	ppbv	#	1
24) 1,1-Dichloroethane	5.02	63	28387	0.220	ppbv		98
25) Ethyl Acetate	5.71	43	111587	0.487	ppbv	#	83
26) Hexane	5.71	57	113805	1.156	ppbv	#	47
27) Carbon Disulfide	4.56	76	187338	1.747	ppbv		94
28) Methyl tert-Butyl Ether	5.04	73	6573	0.040	ppbv	#	53
29) Chloroform	5.78	83	271125	1.700	ppbv		95
30) Cyclohexane	7.16	84	15807	0.212	ppbv	#	1
31) cis-1,2-Dichloroethene	5.57	61	1535174	15.088	ppbv		97
32) 1,1,1-Trichloroethane	6.55	97	667720	4.467	ppbv		98
34) 2-Butanone	5.29	43	420714	2.814	ppbv		99
36) Benzene	6.93	78	313786	1.728	ppbv		96
38) Trichloroethene	7.92	130	17294519	232.075	ppbv		87
39) 1,2-Dichloropropane	7.90	63	65996	0.943	ppbv	#	1
41) Tetrahydrofuran	6.07	42	4255	0.051	ppbv	#	38
42) Bromodichloromethane	7.92	83	565910	3.354	ppbv	#	90
43) Methyl Methacrylate	8.07	69	18955	0.252	ppbv		99
50) 4-Methyl-2-Pentanone	8.81	43	23109	0.107	ppbv	#	40
52) Tetrachloroethene	11.33	164	13528969	172.188	ppbv		87
53) Toluene	9.87	91	565243	2.740	ppbv		98
58) Ethyl Benzene	12.79	91	64281	0.237	ppbv		100
59) m/p-Xylene	13.07	91	61464	0.262	ppbv	#	33
60) o-Xylene	13.76	91	76963	0.332	ppbv	#	20
63) 1,1,2,2-Tetrachloroethane	13.77	83	5737	0.033	ppbv	#	25
64) n-propylbenzene	15.93	120	2491	0.031	ppbv		68

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034434.D
Acq On : 2 Dec 2019 20:08
Operator : SY/AP
Sample : K6068-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-4

Quant Time: Dec 03 02:51:42 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)
69) p-Isopropyltoluene	17.73	119	21044	0.066	ppbv	#	45
72) 4-Ethyltoluene	15.91	105	24960	0.093	ppbv	#	35
73) 1,3,5-Trimethylbenzene	16.08	105	11358	0.043	ppbv	#	84
74) 1,2,4-Trimethylbenzene	16.84	105	87119	0.313	ppbv	#	71

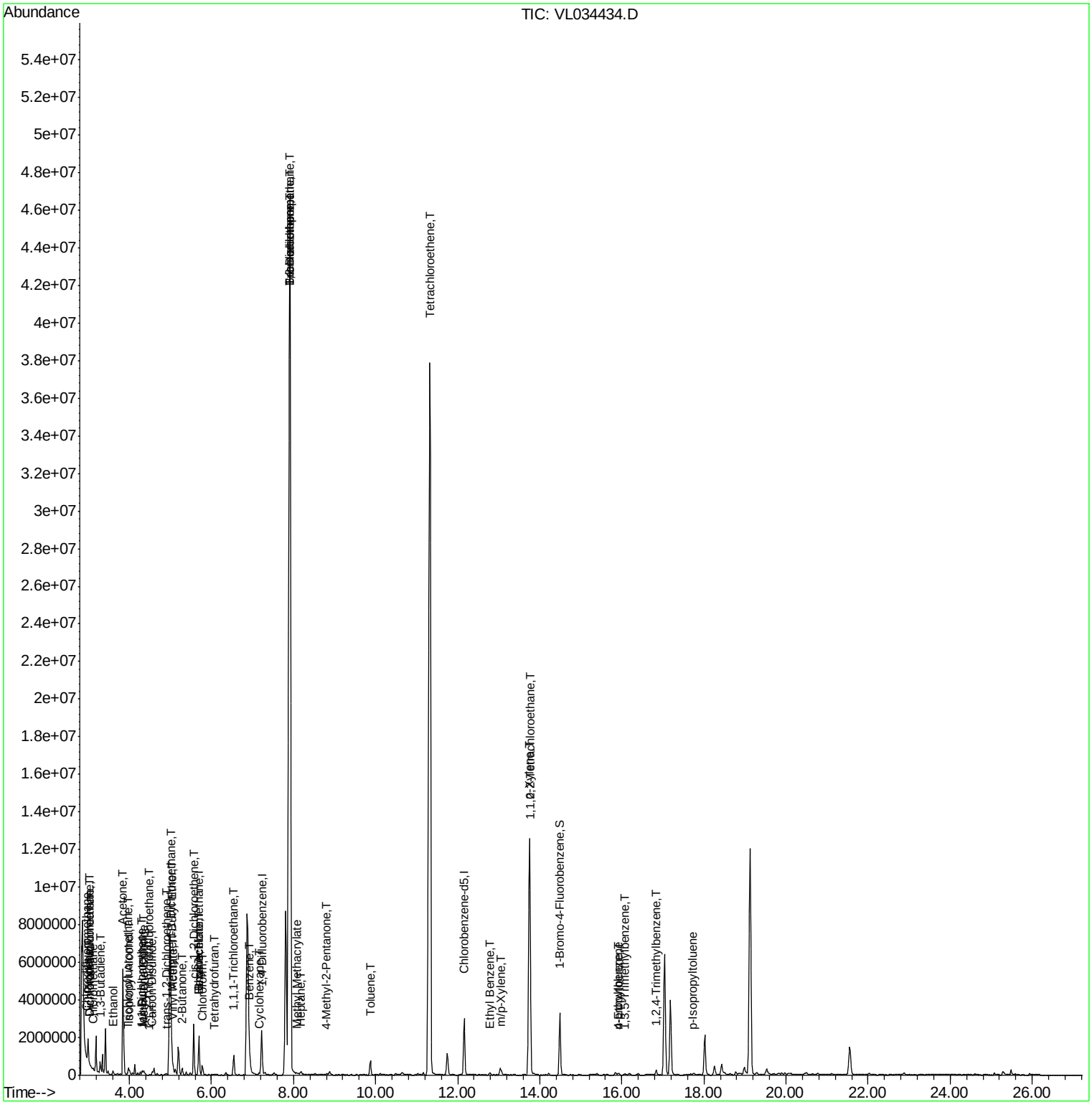
(#) = qualifier out of range (m) = manual integration (+) = signals summed

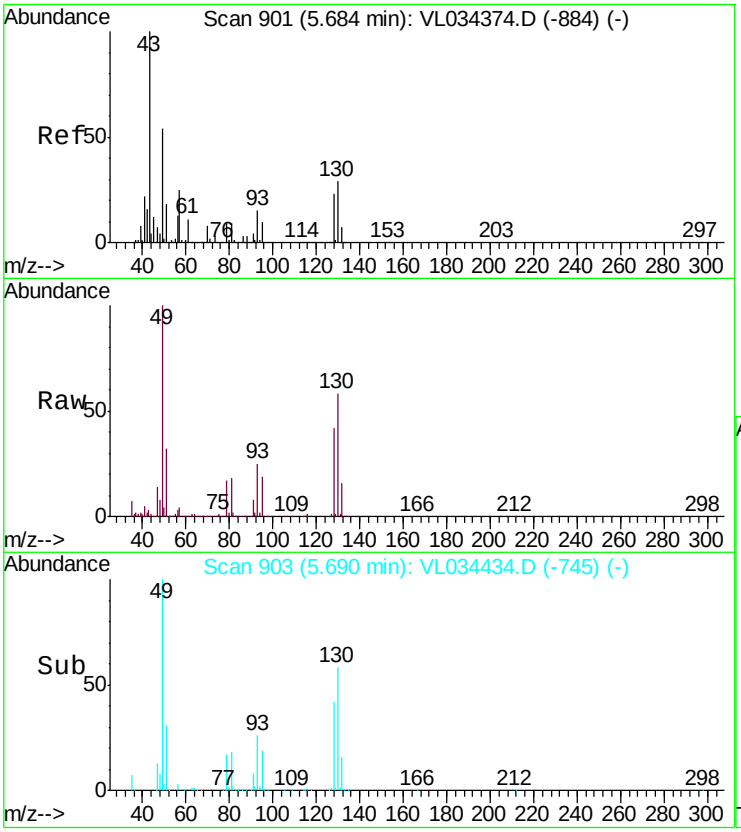
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120219\
Data File : VL034434.D
Acq On : 2 Dec 2019 20:08
Operator : SY/AP
Sample : K6068-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-4

Quant Time: Dec 03 02:51:42 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



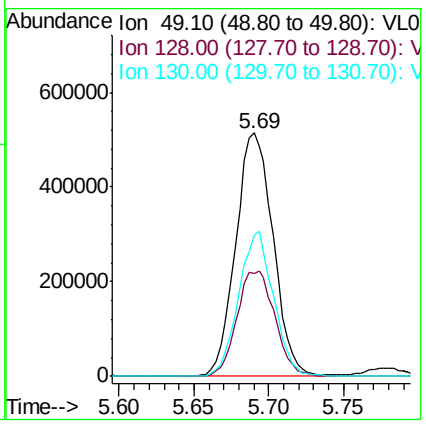


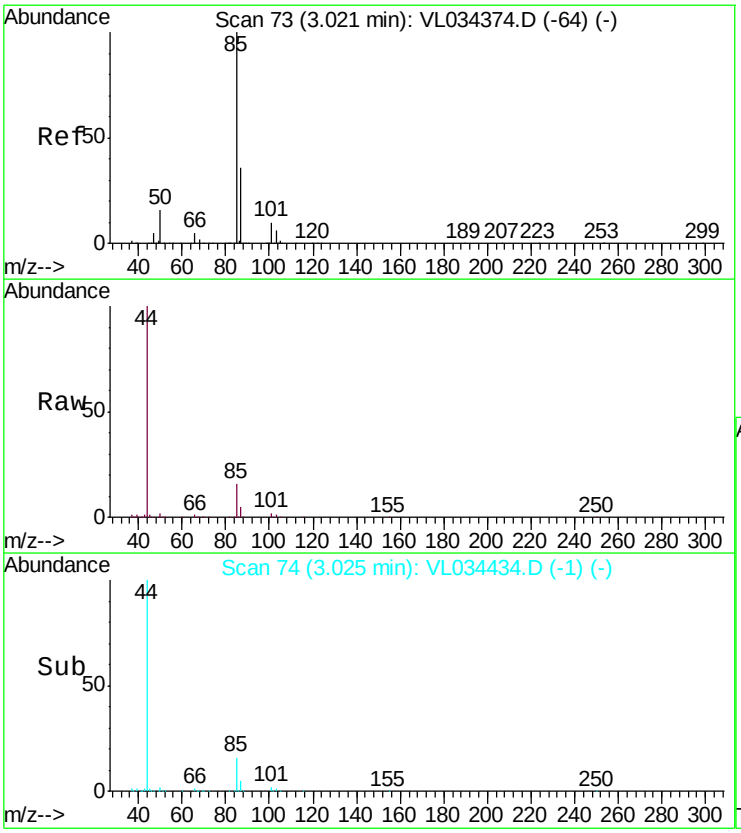
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 49 Resp: 896715

Ion	Ratio	Lower	Upper
49	100		
128	44.0	21.8	65.3
130	55.5	28.0	84.0

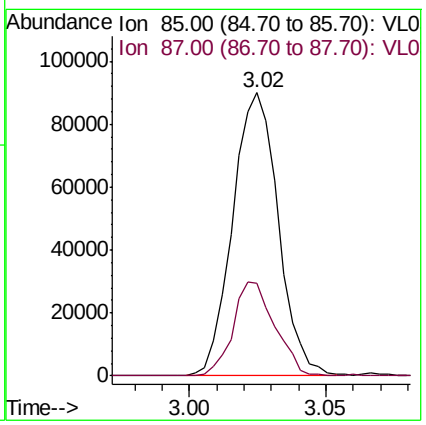


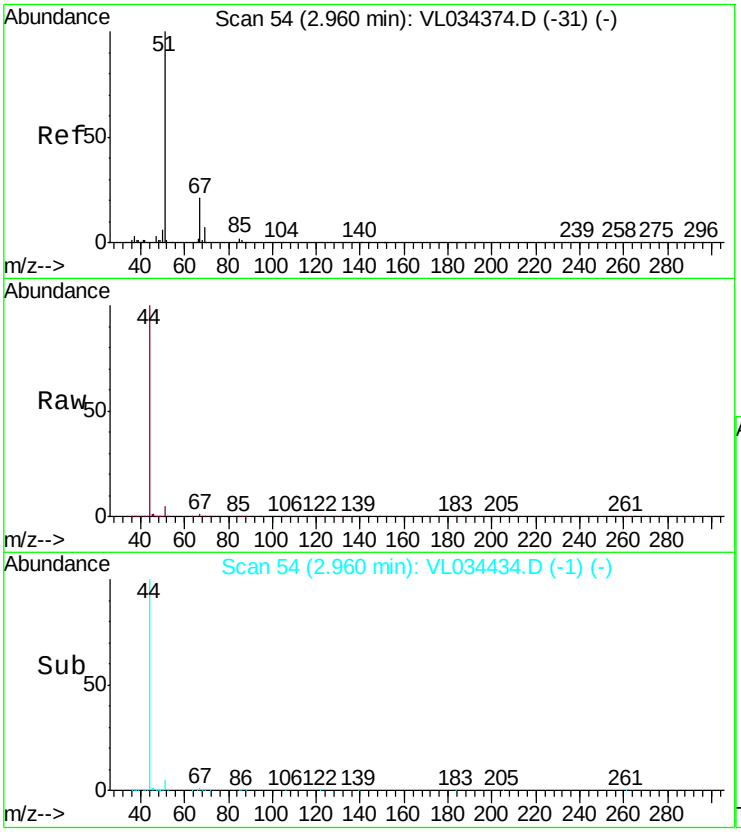


#2
Dichlorodifluoromethane
Concen: 0.642 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 85 Resp: 104199

Ion	Ratio	Lower	Upper
85	100		
87	32.9	28.5	42.7



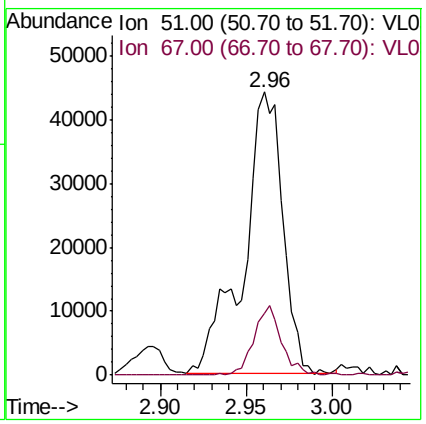


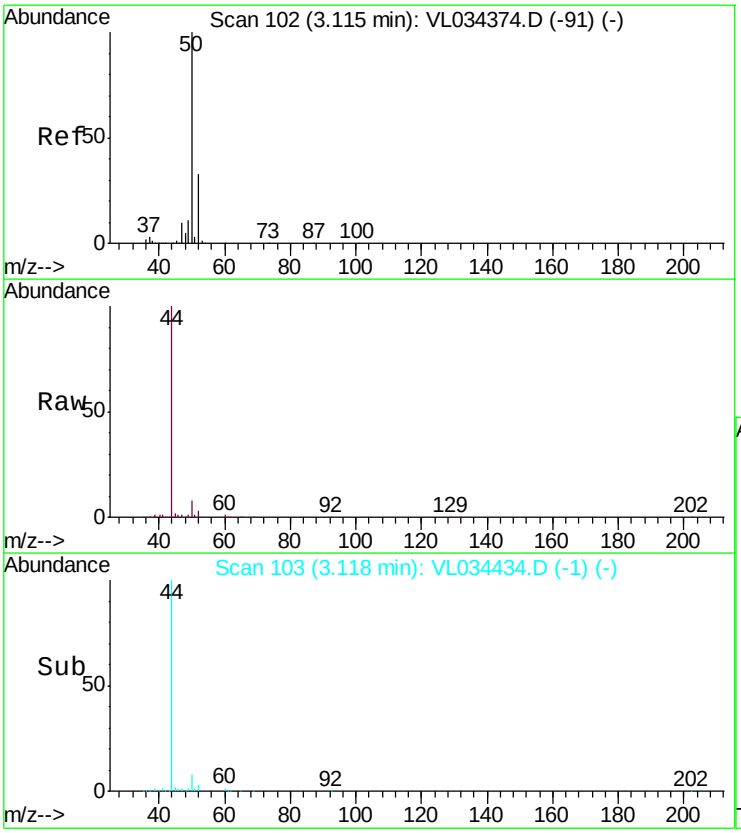
#3
Chlorodifluoromethane
Concen: 0.629 ppbv
RT: 2.96 min Scan# 54
Delta R.T. 0.00 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 51 Resp: 70339

Ion	Ratio	Lower	Upper
51	100		
67	17.5	16.2	24.2

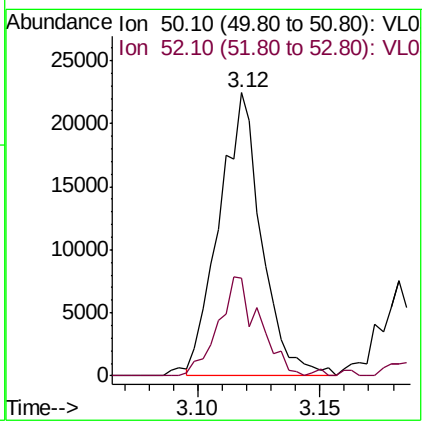


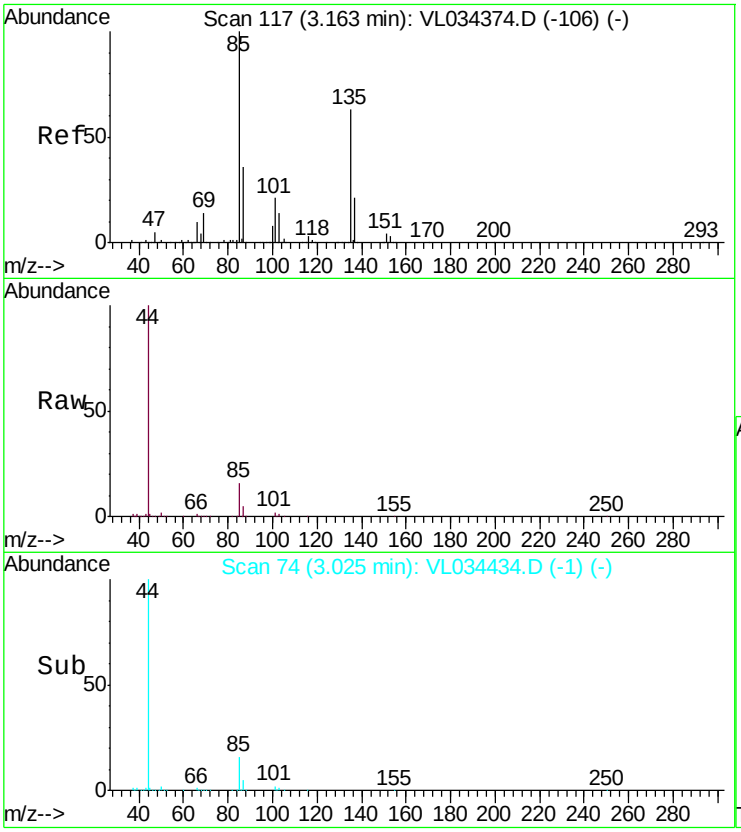


#4
Chloromethane
Concen: 0.412 ppbv
RT: 3.12 min Scan# 103
Delta R.T. 0.00 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 50 Resp: 27200

Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.8	40.2



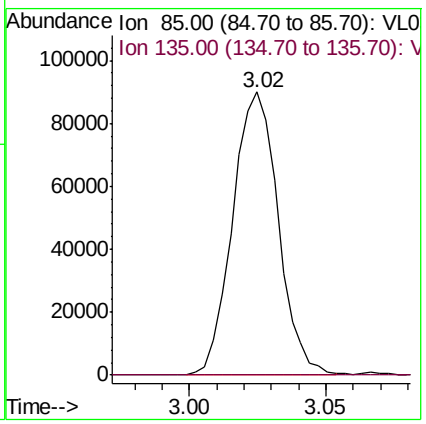


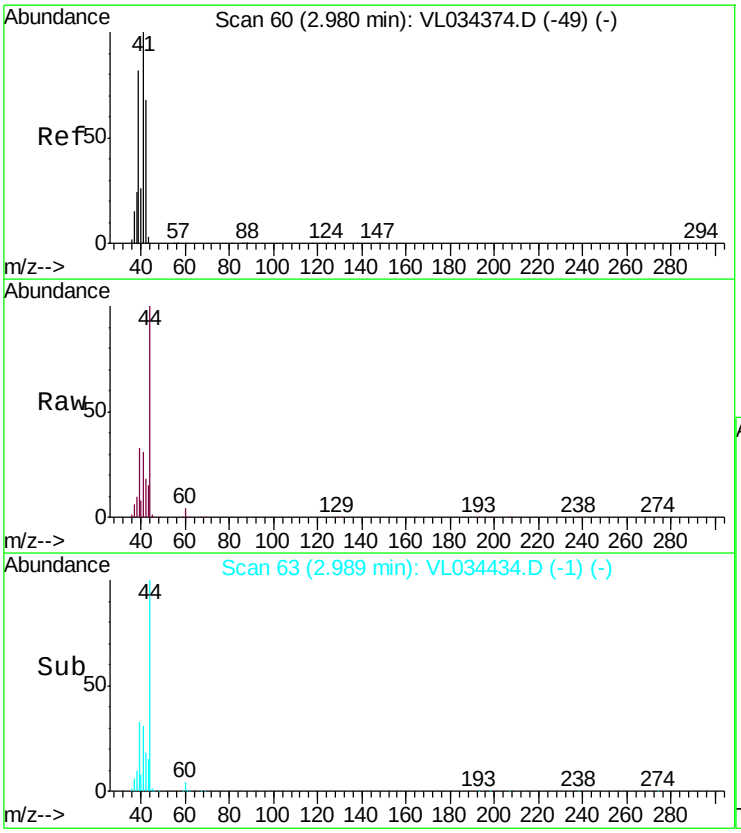
#8
Dichlorotetrafluoroethane
Concen: 0.715 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.14 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 85 Resp: 104199

Ion	Ratio	Lower	Upper
85	100		
135	0.1	51.1	76.7#

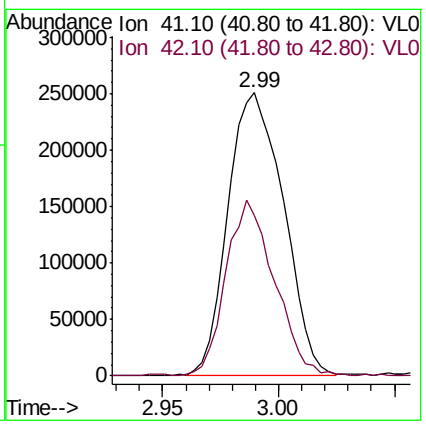


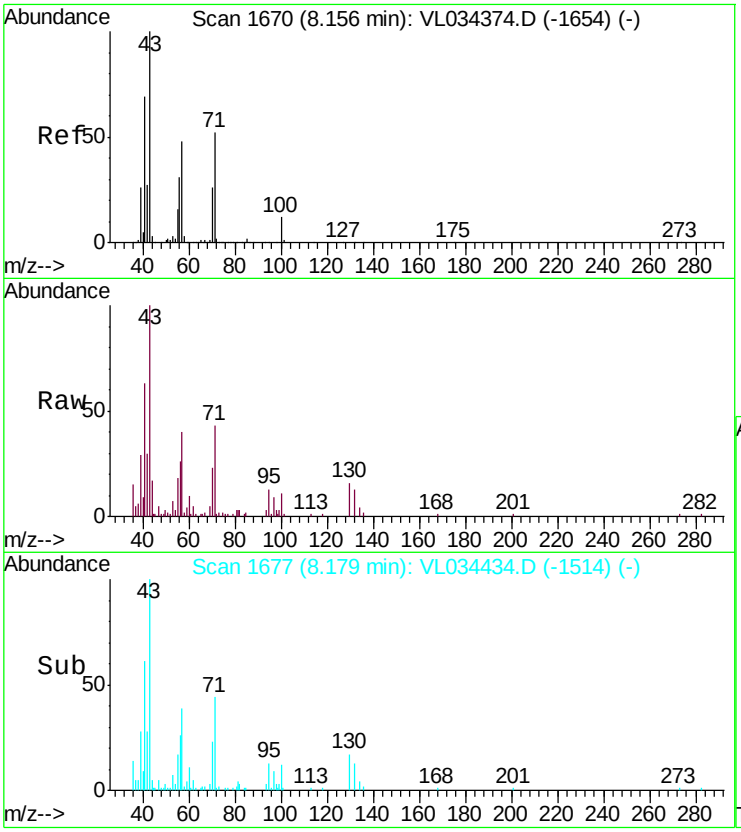


#9
Propene
Concen: 8.370 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 41 Resp: 415770

Ion	Ratio	Lower	Upper
41	100		
42	54.7	54.6	82.0



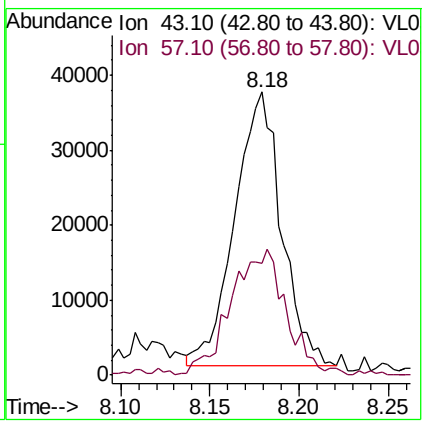


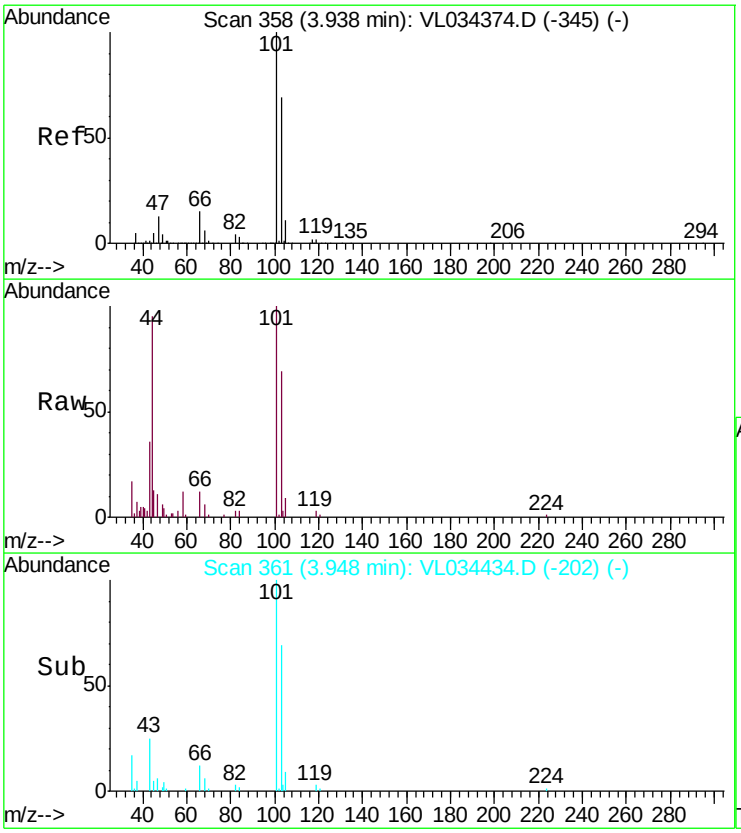
#10
Heptane
Concen: 0.518 ppbv
RT: 8.18 min Scan# 1677
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 43 Resp: 66432

Ion	Ratio	Lower	Upper
43	100		
57	55.7	40.2	60.2

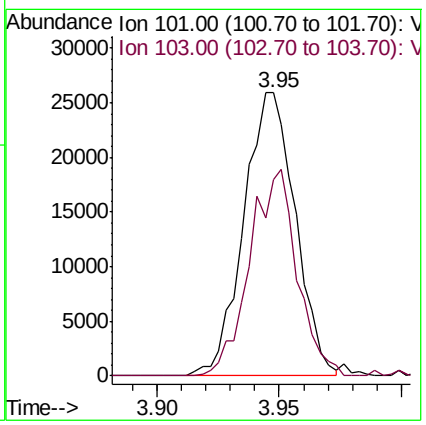


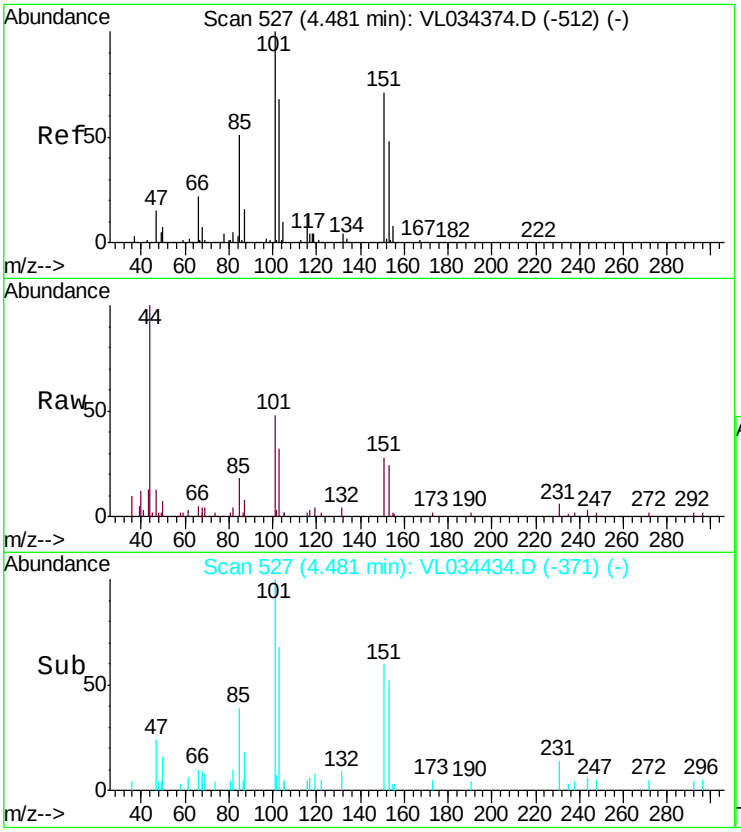


#11
Trichlorofluoromethane
Concen: 0.235 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion:101 Resp: 37931

Ion	Ratio	Lower	Upper
101	100		
103	69.2	55.4	83.0



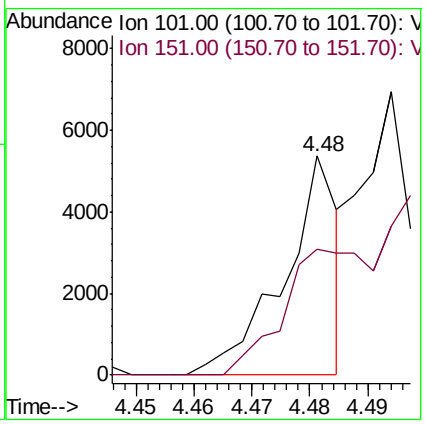


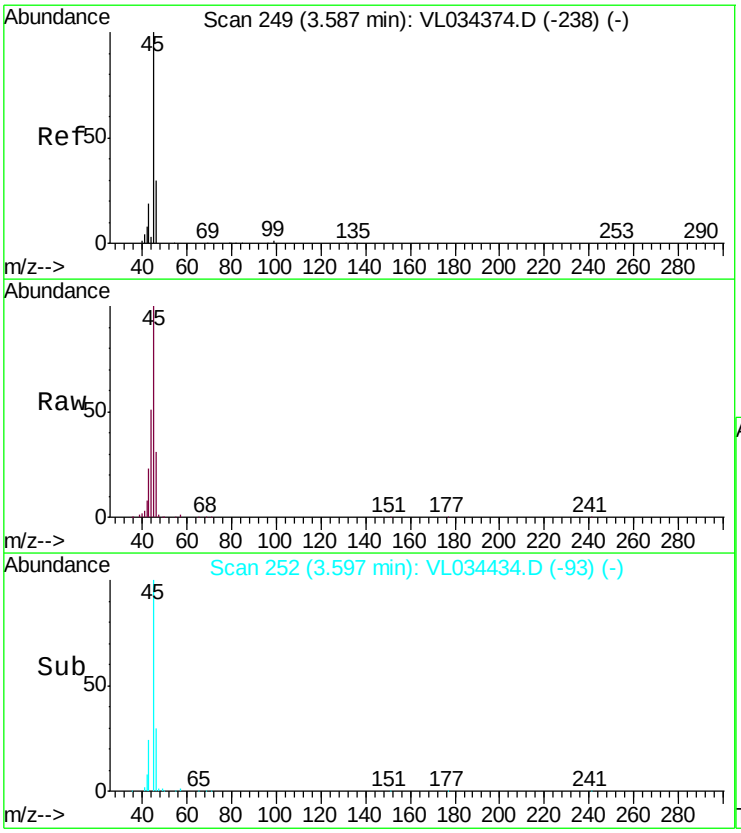
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.032 ppbv
RT: 4.48 min Scan# 527
Delta R.T. 0.00 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion:101 Resp: 3472

Ion	Ratio	Lower	Upper
101	100		
151	0.0	57.4	86.2#

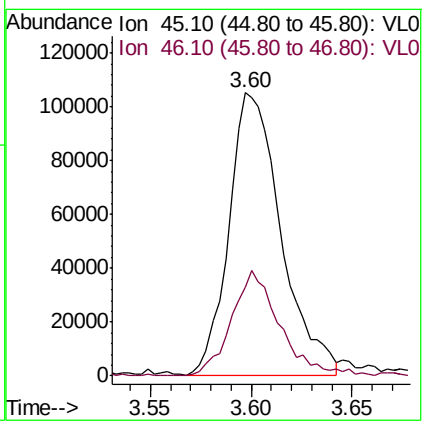


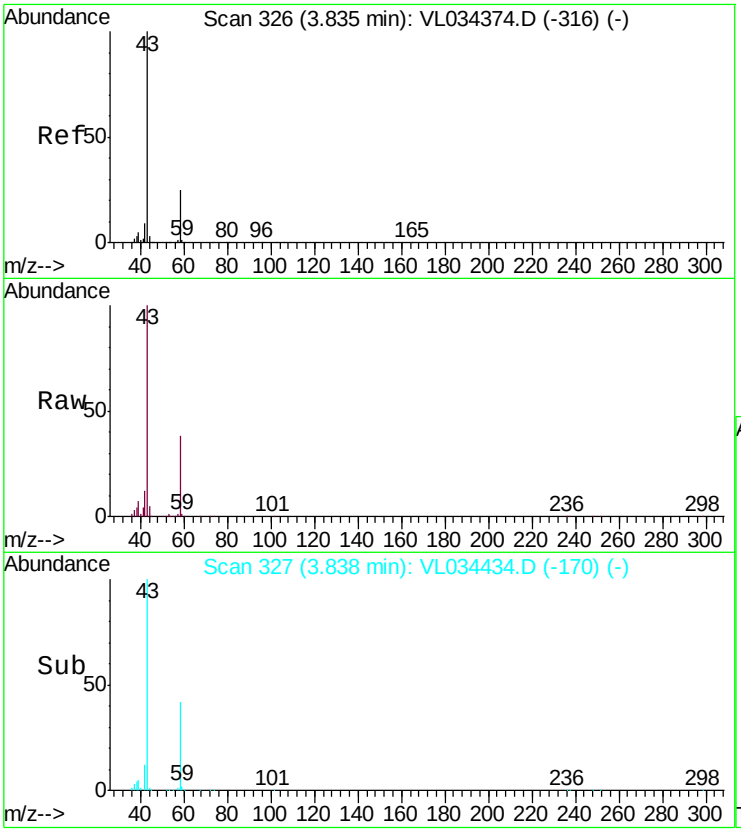


#13
Ethanol
Concen: 13.688 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 45 Resp: 189390

Ion	Ratio	Lower	Upper
45	100		
46	34.7	13.8	55.4



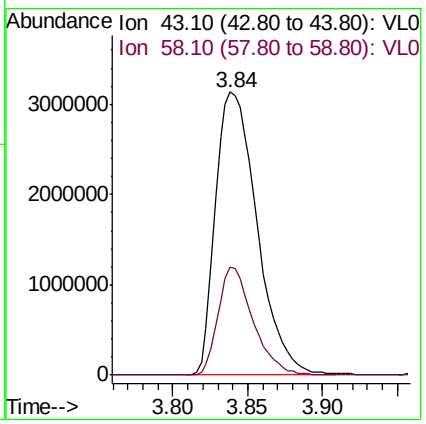


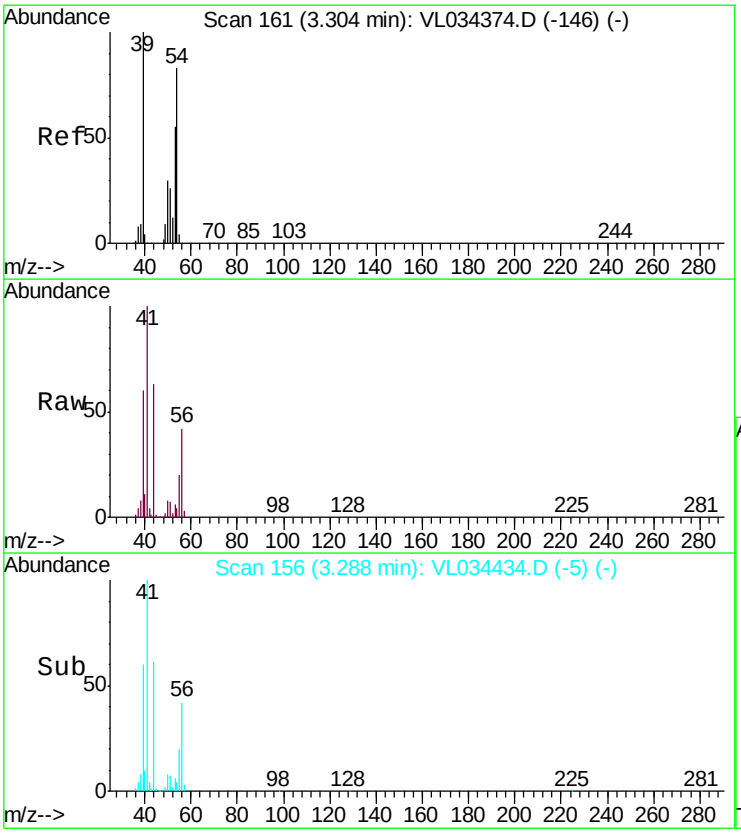
#15
Acetone
Concen: 47.221 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.00 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 43 Resp: 6063429

Ion	Ratio	Lower	Upper
43	100		
58	32.3	20.2	30.4#

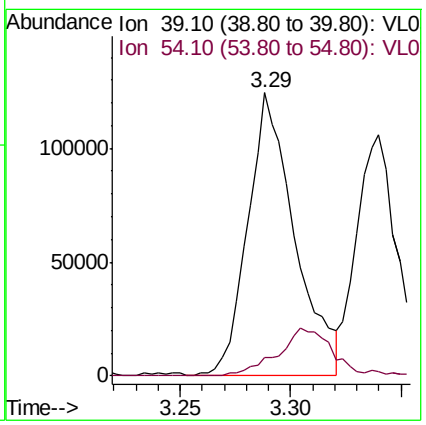


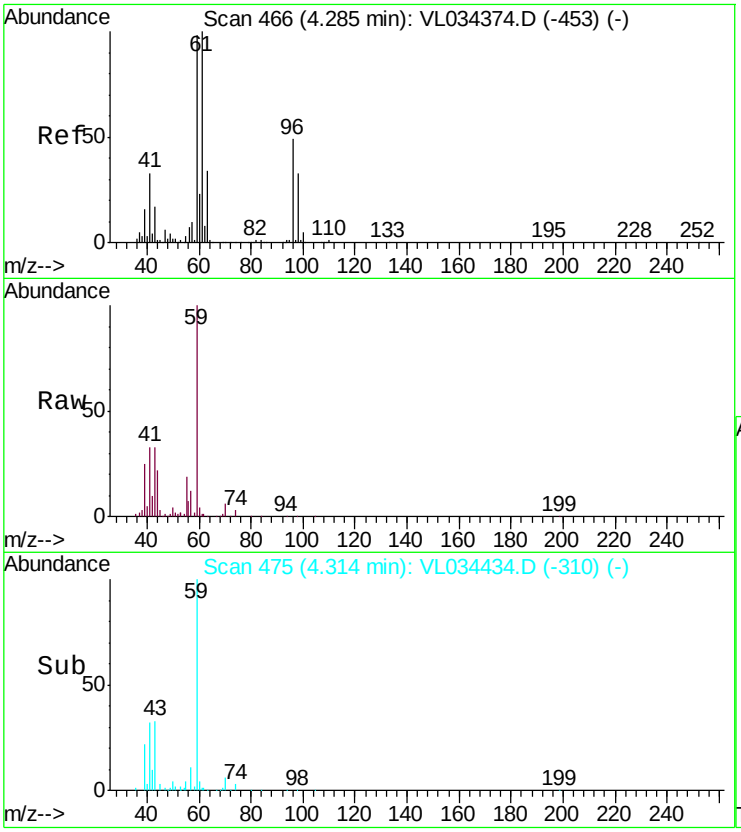


#16
1,3-Butadiene
Concen: 3.296 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 39 Resp: 184340

Ion	Ratio	Lower	Upper
39	100		
54	20.2	64.7	97.1#



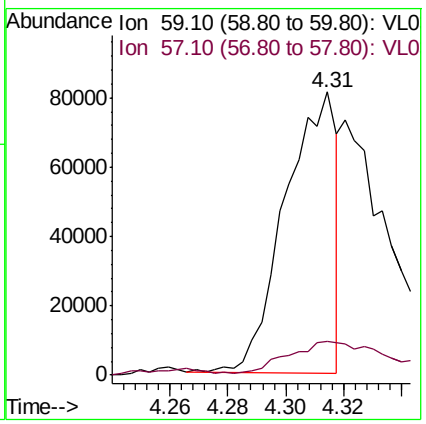


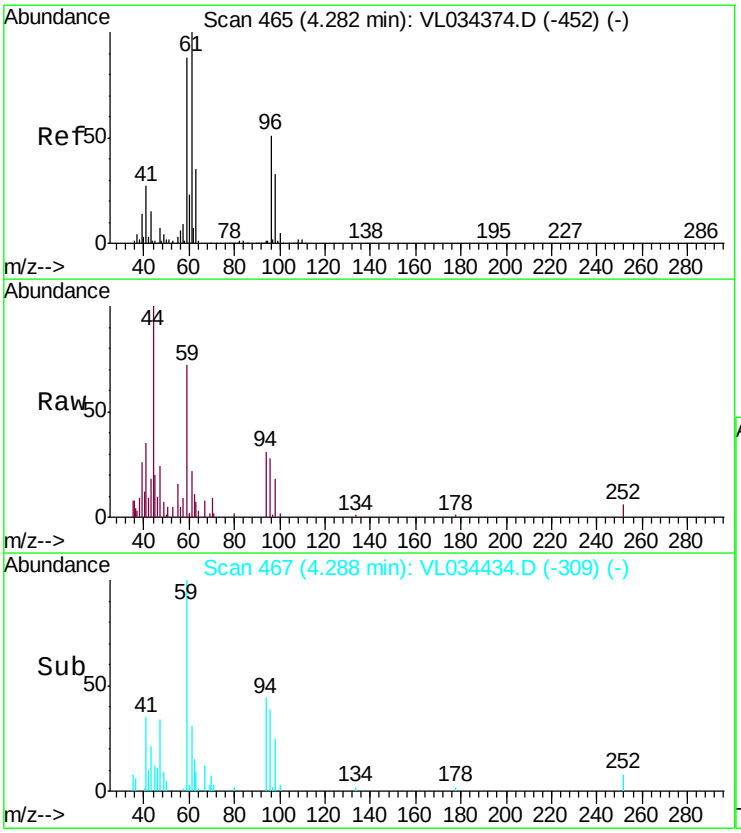
#17
tert-Butyl alcohol
Concen: 0.928 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.03 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion: 59 Resp: 100125

Ion	Ratio	Lower	Upper
59	100		
57	24.9	8.8	13.2#

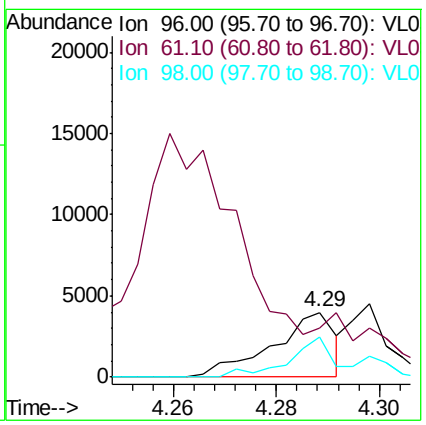


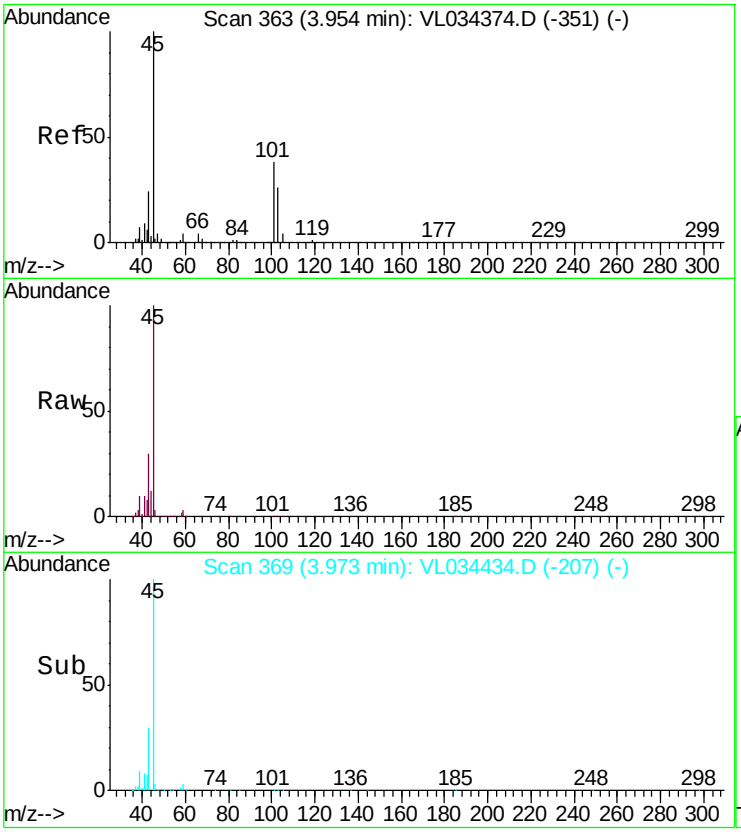


#18
1,1-Dichloroethene
Concen: 0.071 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 96 Resp: 3349

Ion	Ratio	Lower	Upper
96	100		
61	0.0	155.6	233.4#
98	62.0	51.6	77.4



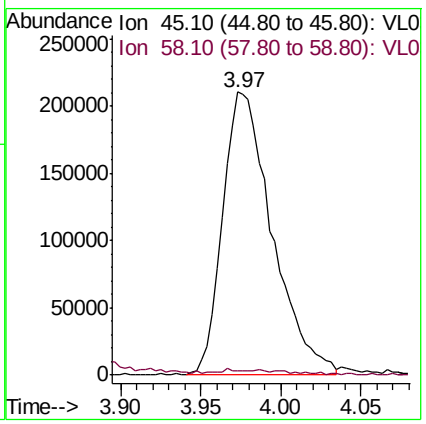


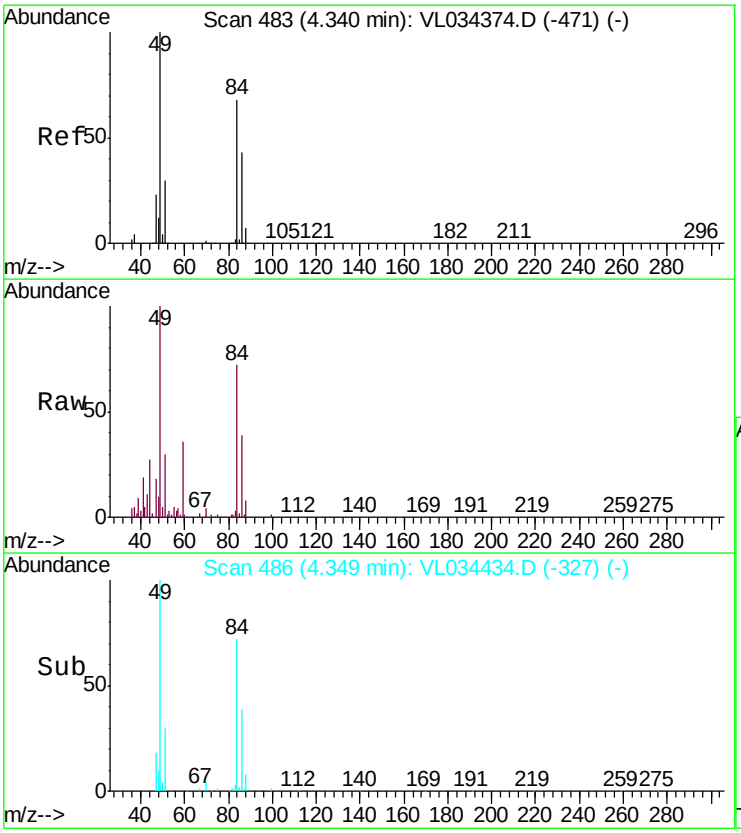
#19
Isopropyl Alcohol
Concen: 5.391 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion: 45 Resp: 443744

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.3	1.9#

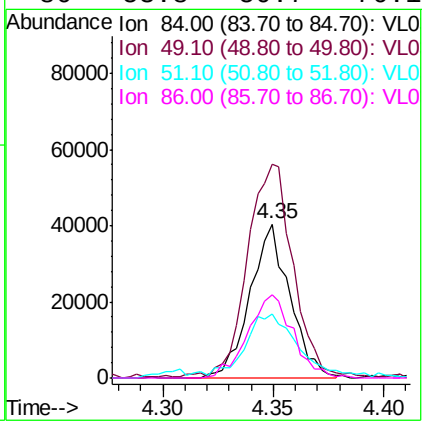


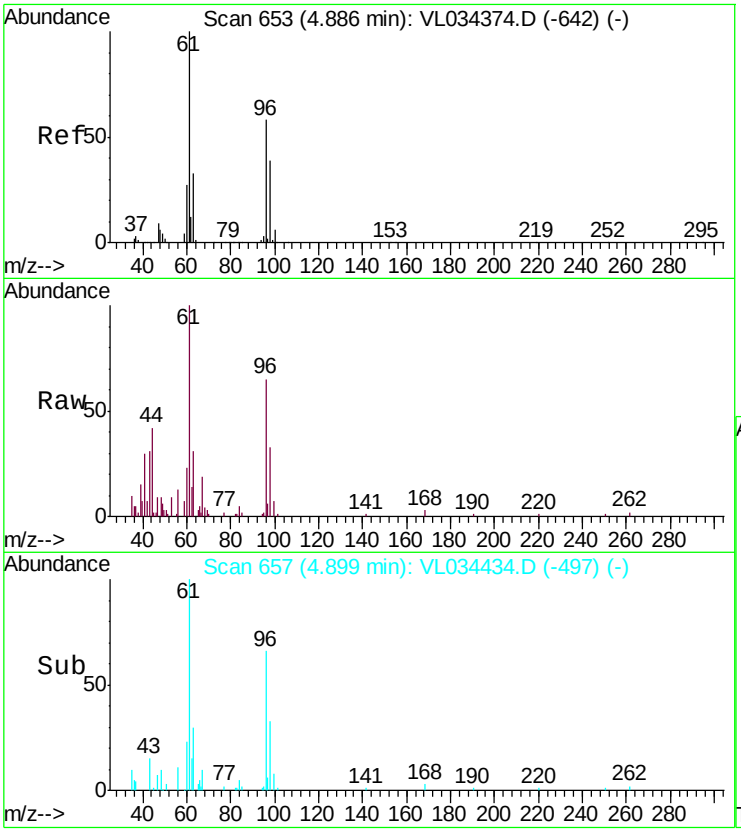


#20
Methylene Chloride
Concen: 1.112 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 84 Resp: 50630

Ion	Ratio	Lower	Upper
84	100		
49	136.1	116.8	175.2
51	39.3	35.6	53.4
86	53.8	50.7	76.1



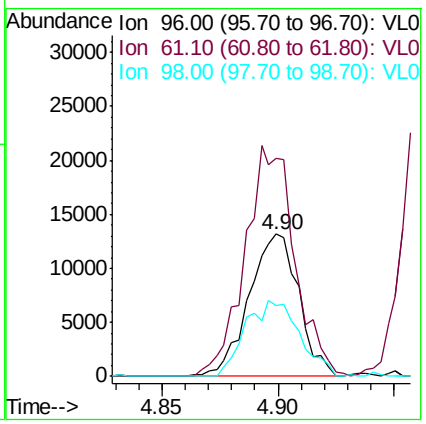


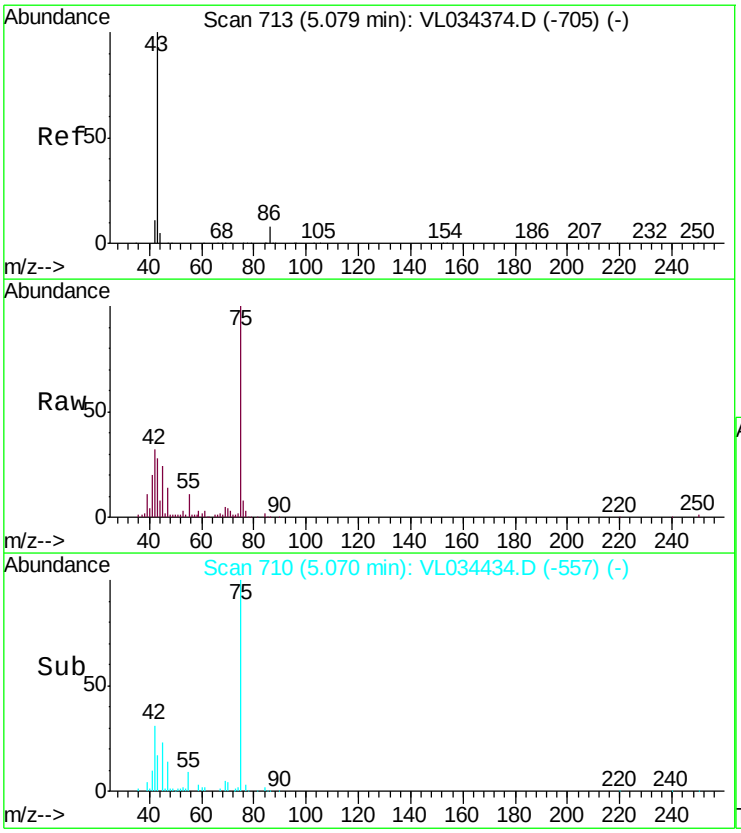
#22
trans-1,2-Dichloroethene
Concen: 0.414 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 96 Resp: 19550

Ion	Ratio	Lower	Upper
96	100		
61	153.9	137.9	206.9
98	50.3	53.5	80.3#

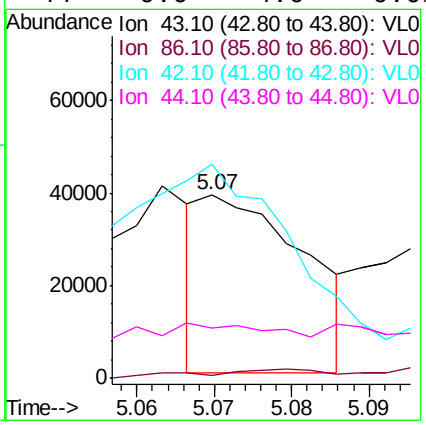


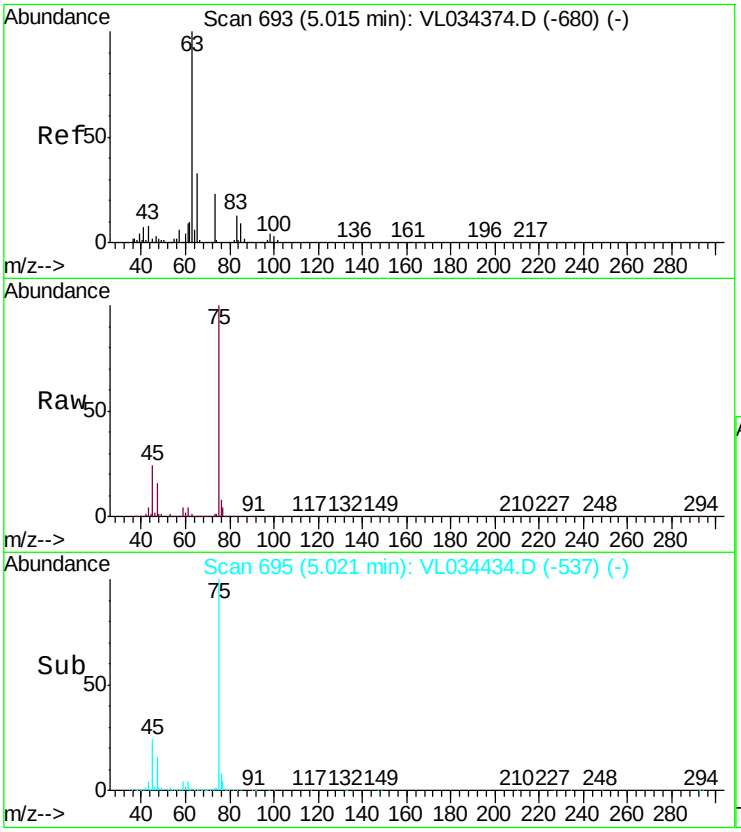


#23
Vinyl Acetate
Concen: 0.210 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 43 Resp: 35288

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.8	8.6#
42	164.7	8.9	13.3#
44	0.0	4.0	6.0#



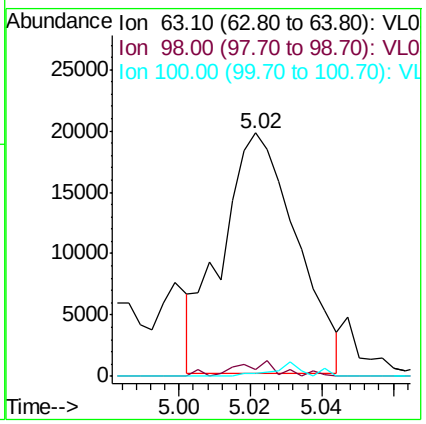


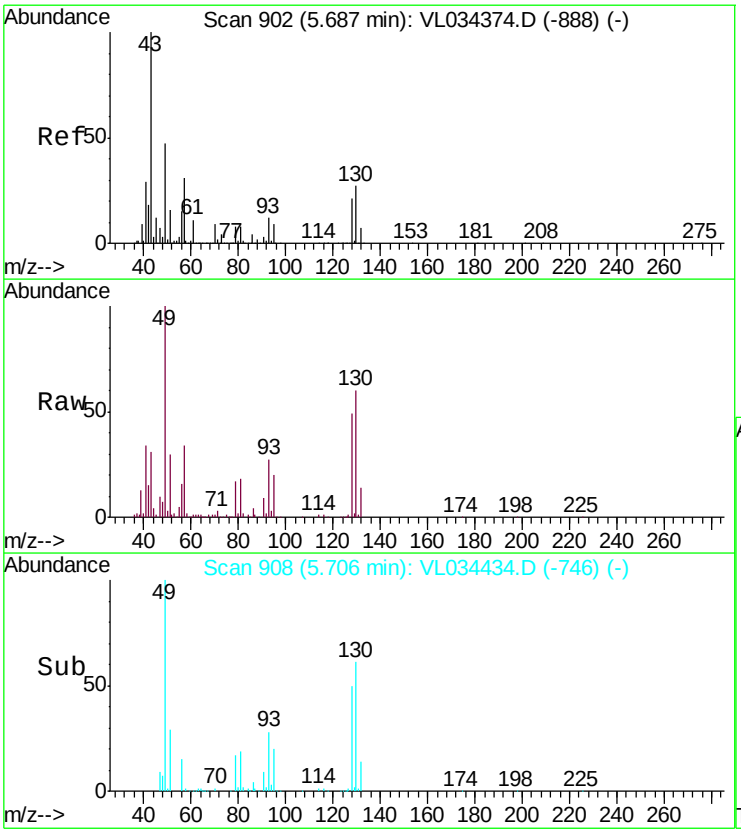
#24
1,1-Dichloroethane
Concen: 0.220 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion: 63 Resp: 28387

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.9	5.7
100	1.7	1.4	4.0

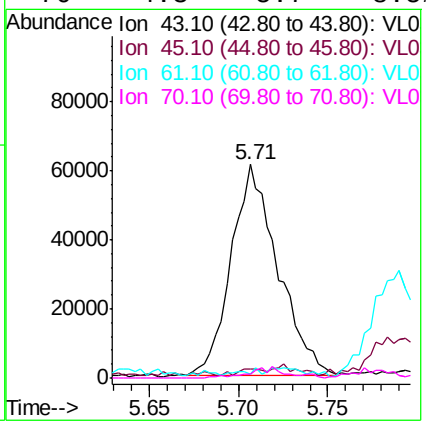


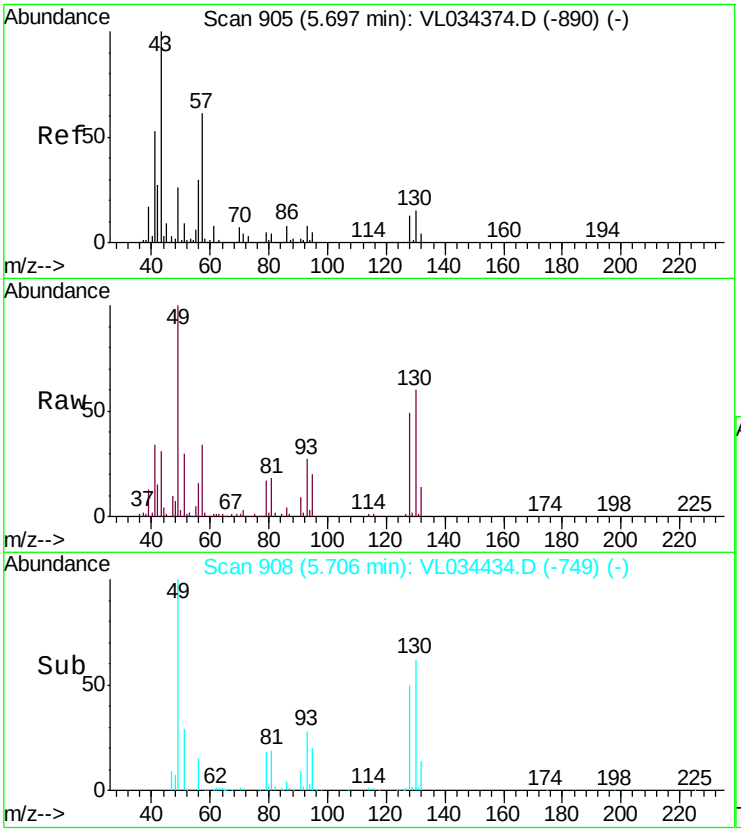


#25
Ethyl Acetate
Concen: 0.487 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 43 Resp: 111587

Ion	Ratio	Lower	Upper
43	100		
45	4.7	8.2	12.4#
61	0.0	7.5	11.3#
70	4.3	5.7	8.5#



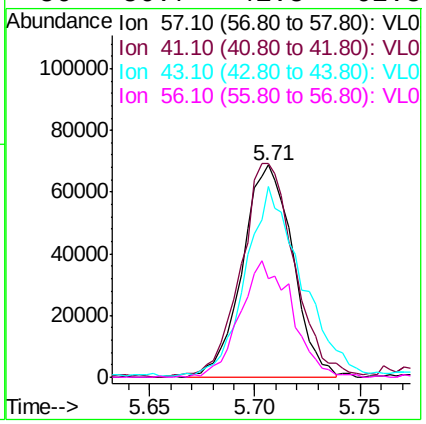


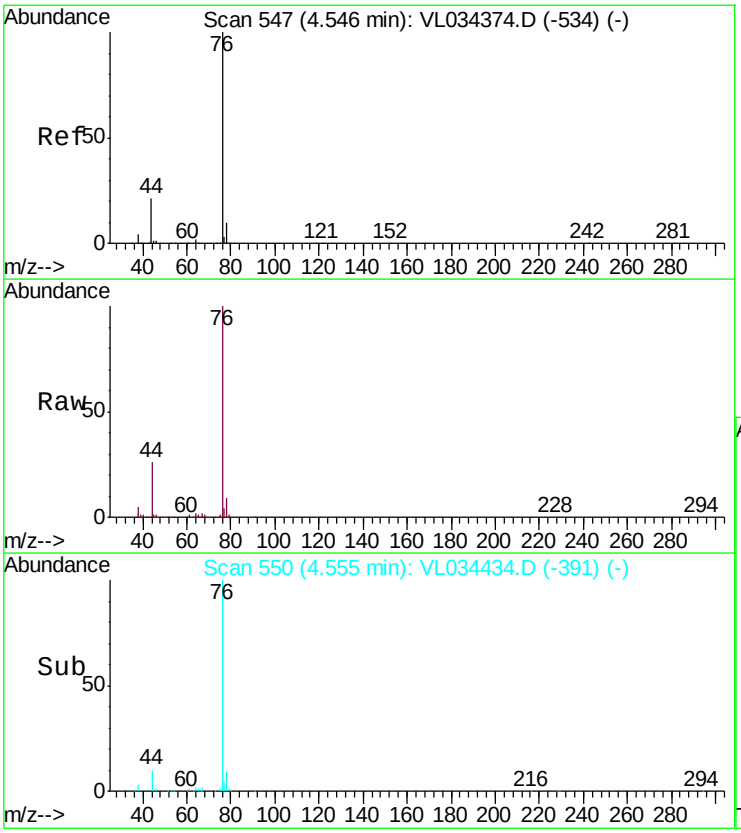
#26
Hexane
Concen: 1.156 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 57 Resp: 113805

Ion	Ratio	Lower	Upper
57	100		
41	107.9	75.0	112.4
43	100.9	186.6	279.8#
56	56.7	41.5	62.3

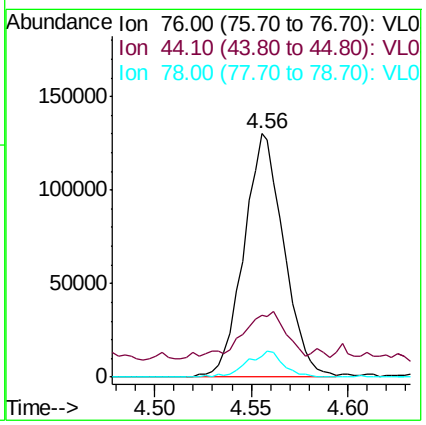


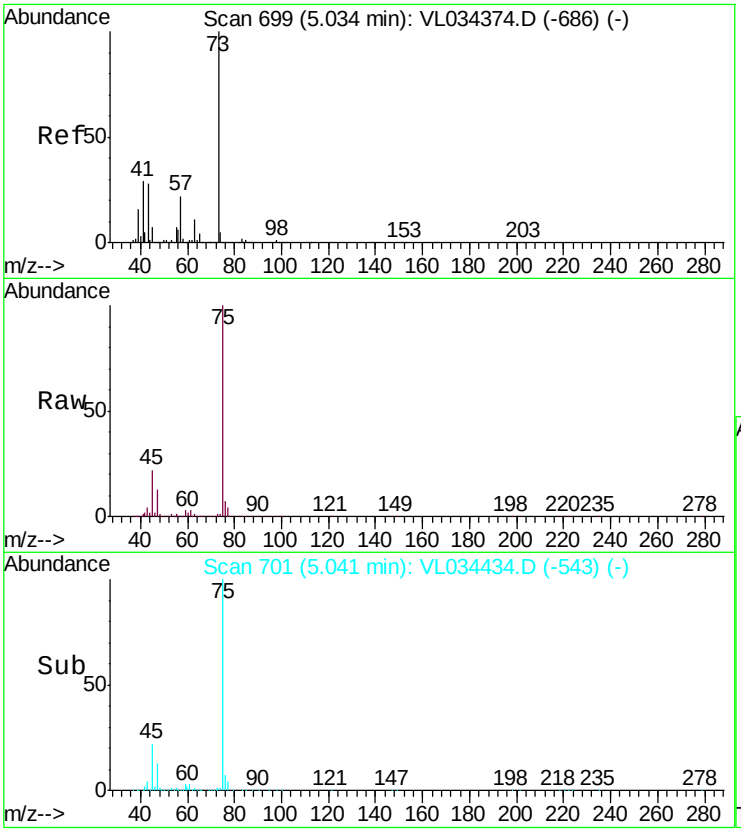


#27
Carbon Disulfide
Concen: 1.747 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 76 Resp: 187338

Ion	Ratio	Lower	Upper
76	100		
44	24.7	17.0	25.4
78	9.9	7.6	11.4



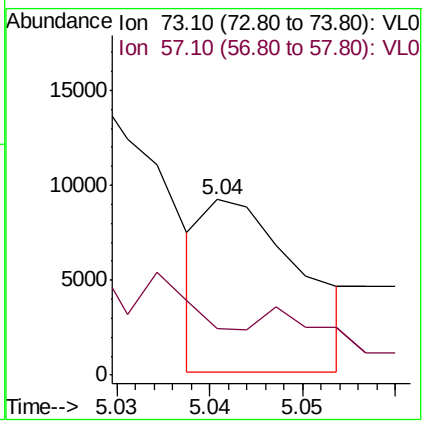


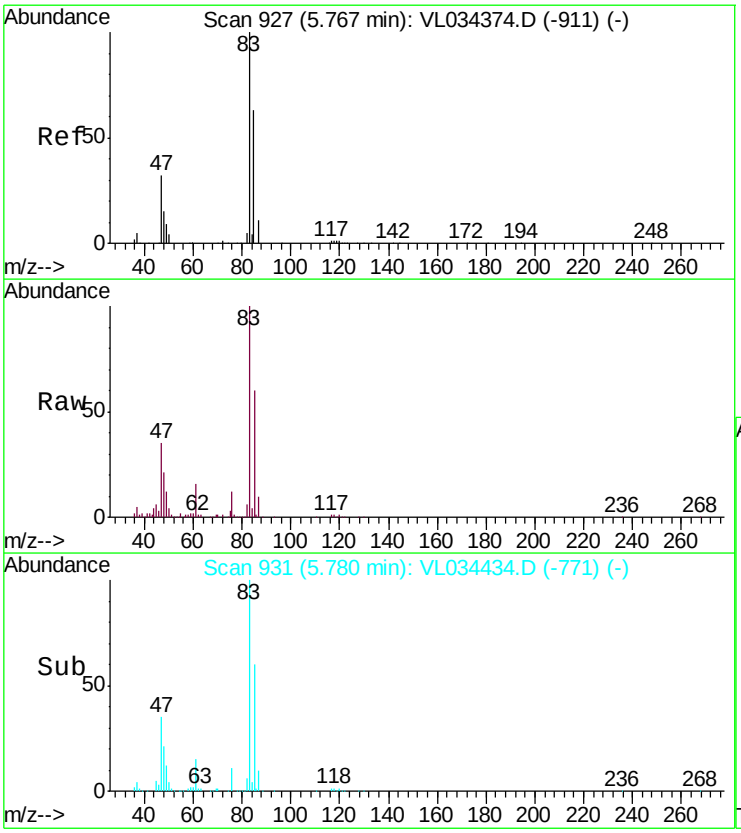
#28
Methyl tert-Butyl Ether
Concen: 0.040 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 73 Resp: 6573

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.4	27.6#

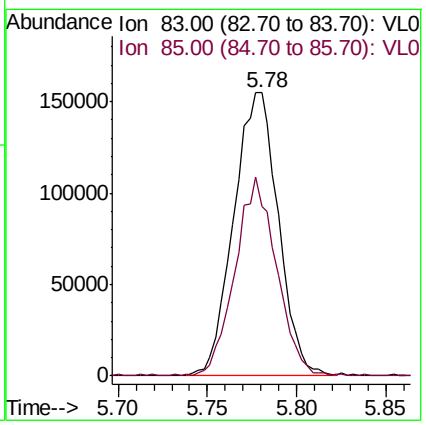


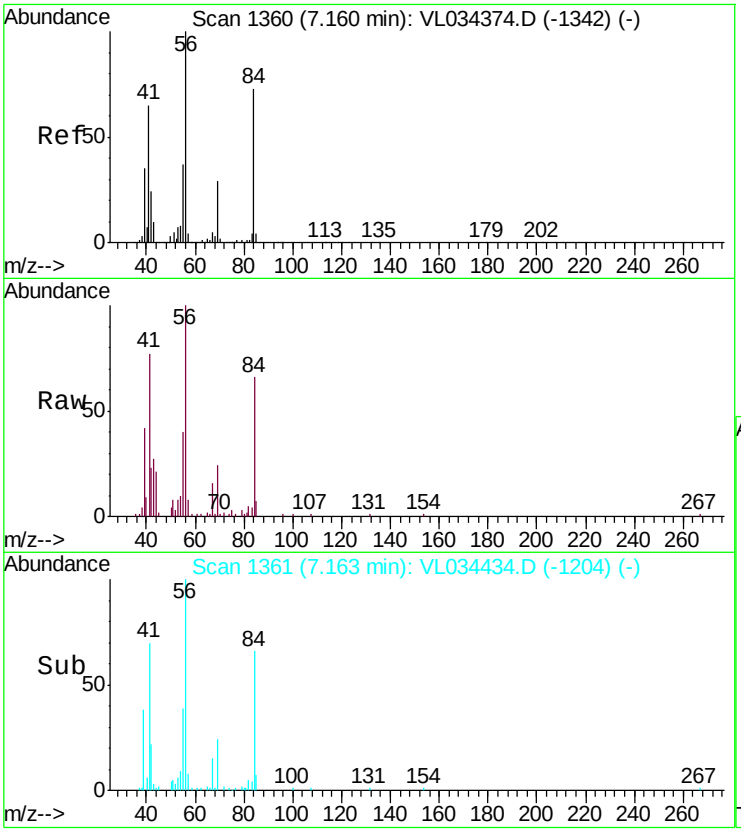


#29
Chloroform
Concen: 1.700 ppbv
RT: 5.78 min Scan# 931
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 83 Resp: 271125

Ion	Ratio	Lower	Upper
83	100		
85	59.5	50.4	75.6



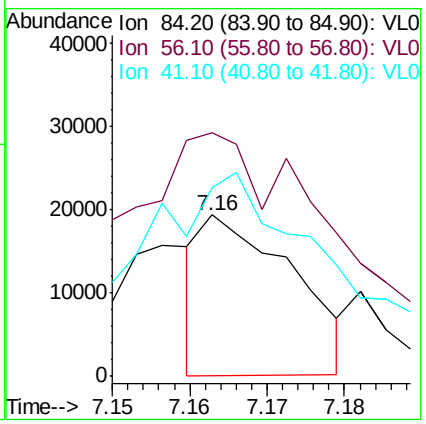


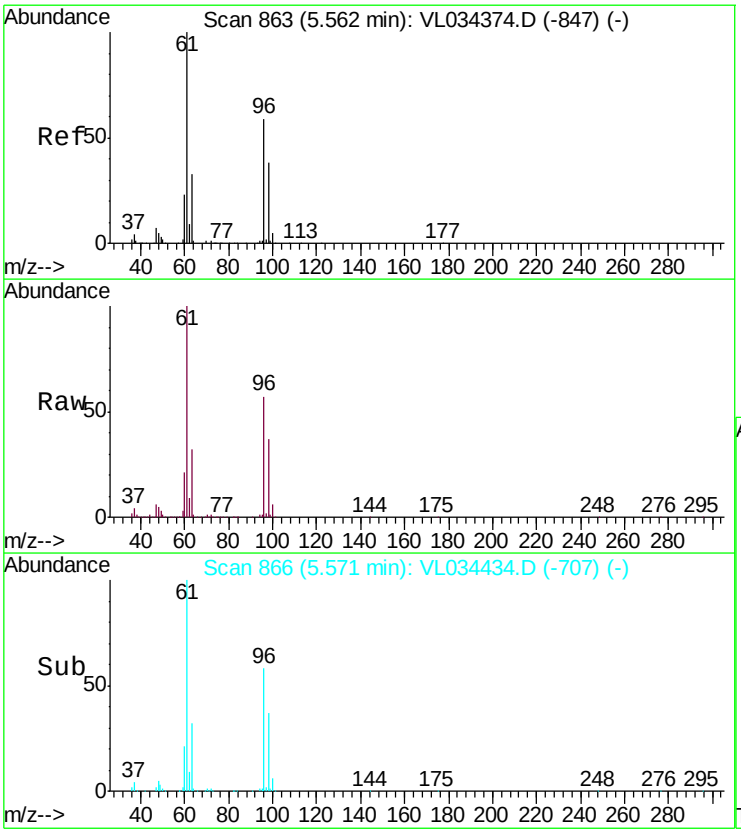
#30
Cyclohexane
Concen: 0.212 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 84 Resp: 15807

Ion	Ratio	Lower	Upper
84	100		
56	0.0	112.6	169.0#
41	0.0	73.4	110.2#

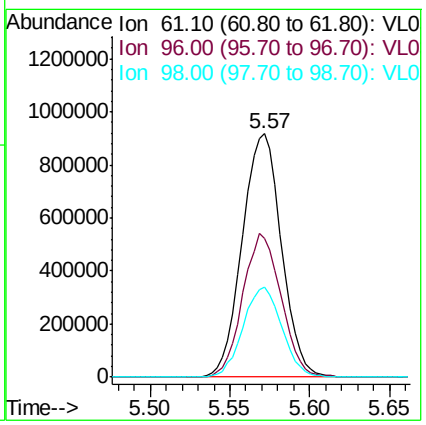


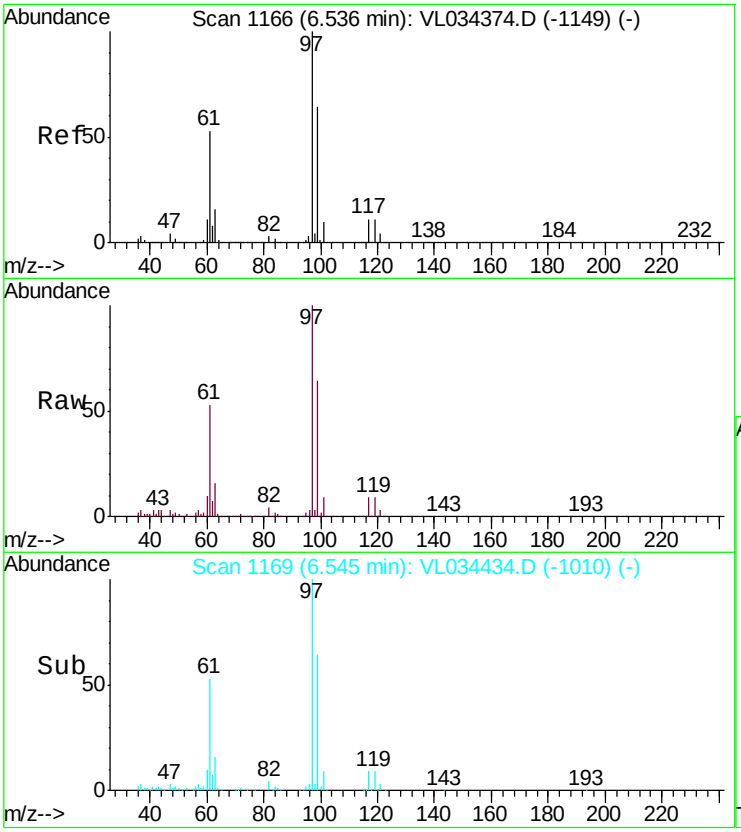


#31
cis-1,2-Dichloroethene
Concen: 15.088 ppbv
RT: 5.57 min Scan# 866
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 61 Resp: 1535174

Ion	Ratio	Lower	Upper
61	100		
96	57.0	47.4	71.2
98	37.0	30.6	45.8



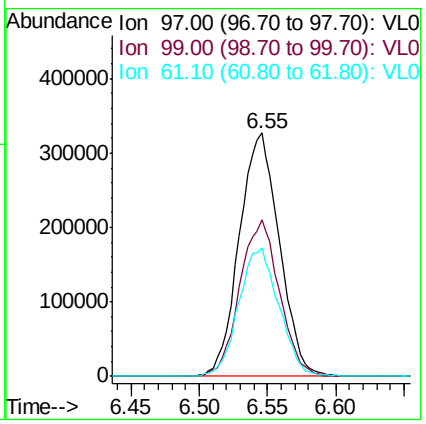


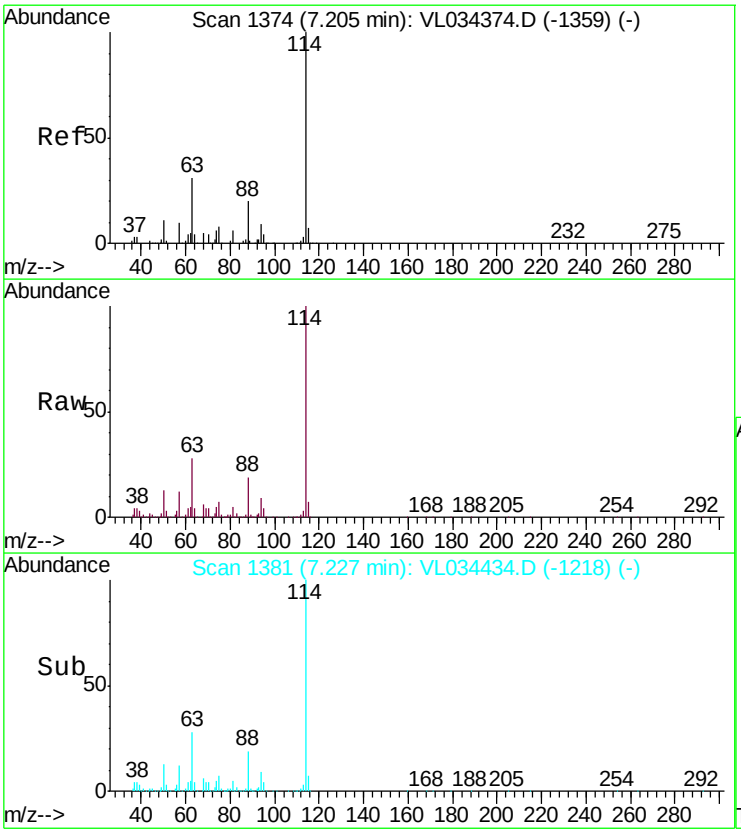
#32
1,1,1-Trichloroethane
Concen: 4.467 ppbv
RT: 6.55 min Scan# 1169
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 97 Resp: 667720

Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.3	78.5
61	53.2	43.7	65.5

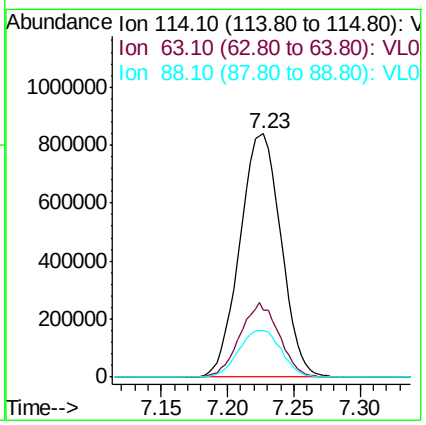


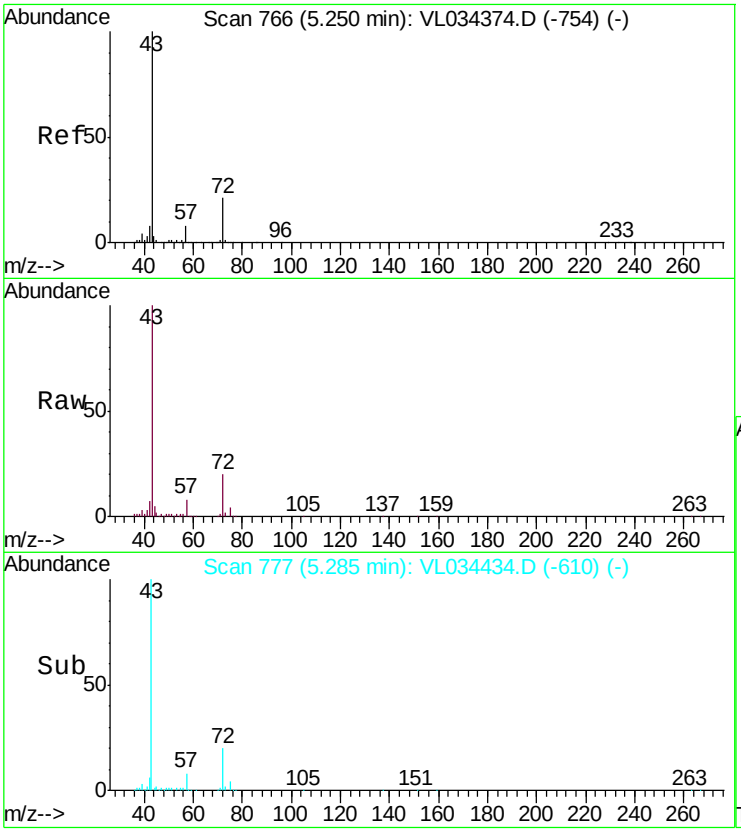


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.23 min Scan# 1381
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion:114 Resp: 1816589

Ion	Ratio	Lower	Upper
114	100		
63	29.1	24.2	36.4
88	19.8	15.9	23.9



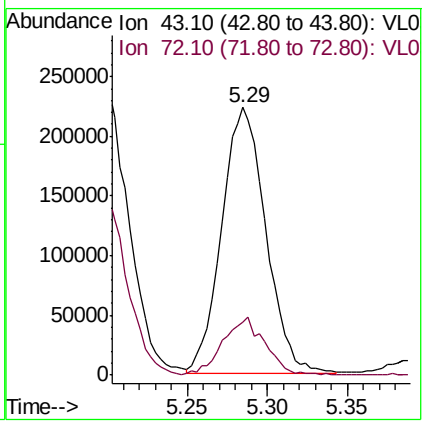


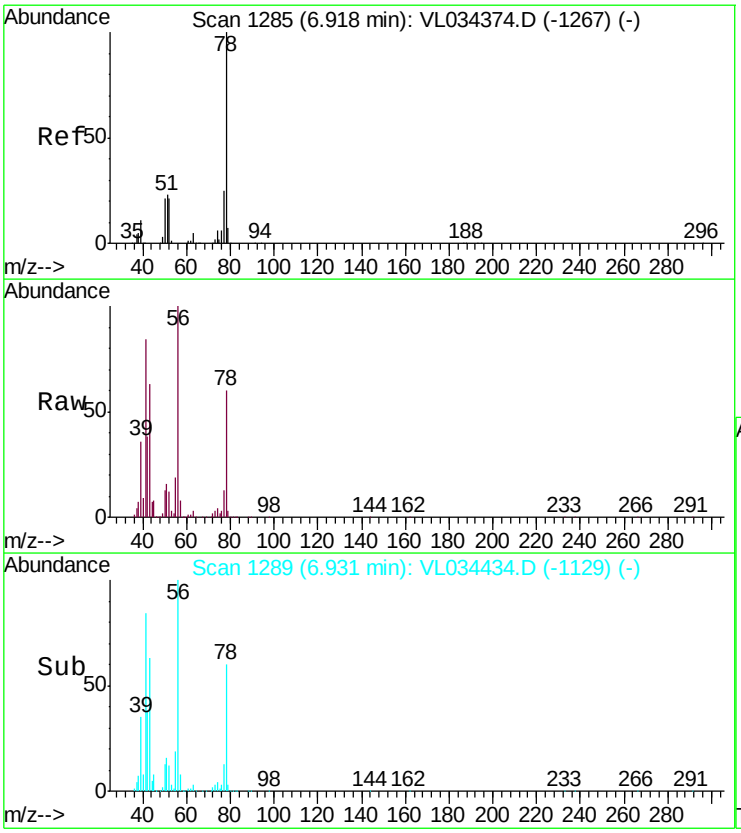
#34
2-Butanone
Concen: 2.814 ppbv
RT: 5.29 min Scan# 777
Delta R.T. 0.04 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 43 Resp: 420714

Ion	Ratio	Lower	Upper
43	100		
72	21.0	17.0	25.6

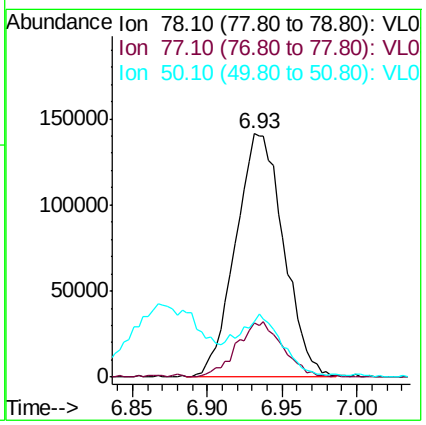


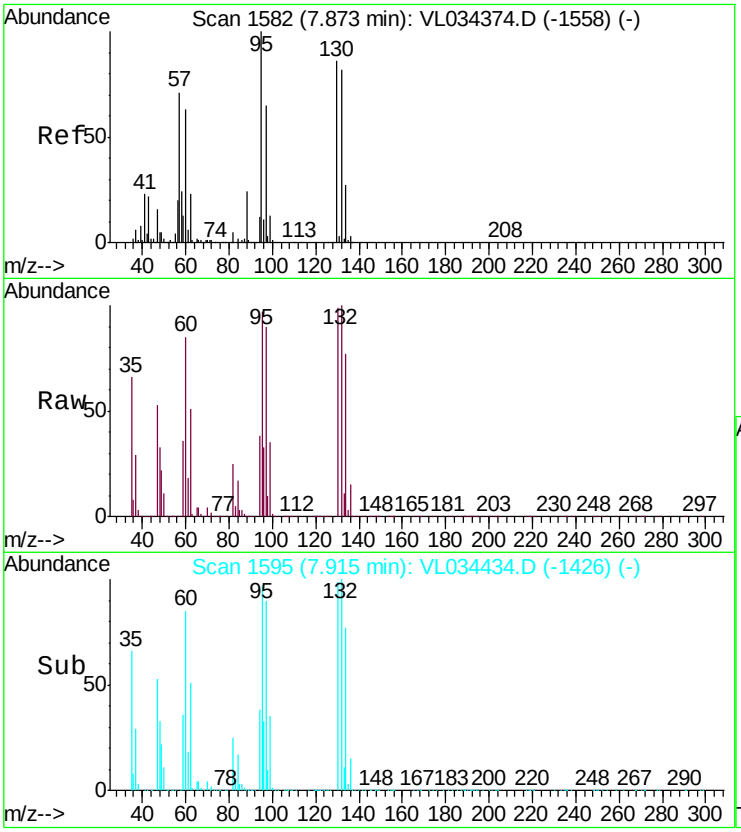


#36
Benzene
Concen: 1.728 ppbv
RT: 6.93 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 78 Resp: 313786

Ion	Ratio	Lower	Upper
78	100		
77	21.8	20.2	30.4
50	21.6	17.1	25.7



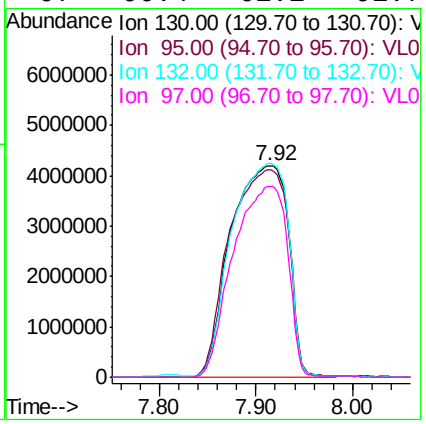


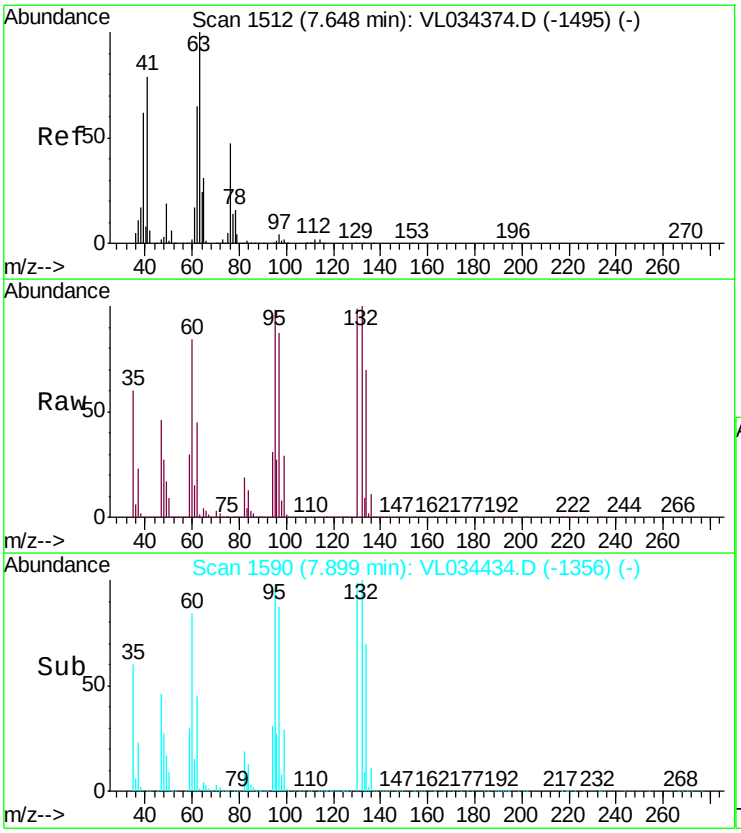
#38
Trichloroethene
Concen: 232.075 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.04 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion:130 Resp:17294519

Ion	Ratio	Lower	Upper
130	100		
95	98.2	93.4	140.0
132	100.2	76.4	114.6
97	90.4	61.1	91.7

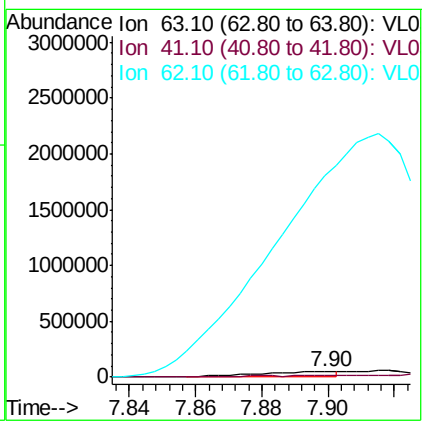


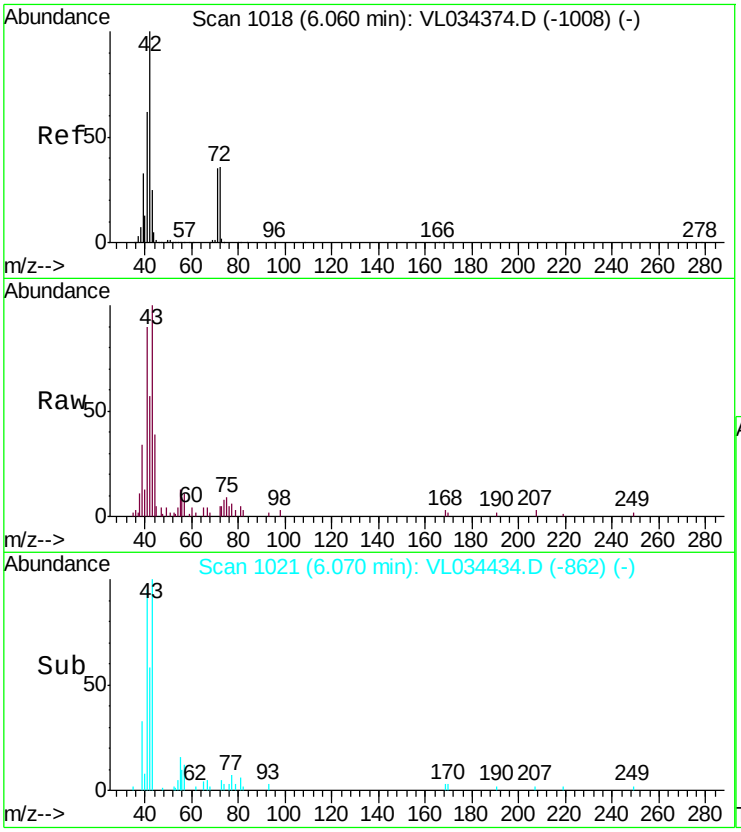


#39
1,2-Dichloropropane
Concen: 0.943 ppbv
RT: 7.90 min Scan# 1590
Delta R.T. 0.25 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 63 Resp: 65996

Ion	Ratio	Lower	Upper
63	100		
41	22.8	63.1	94.7#
62	3806.8	52.3	78.5#



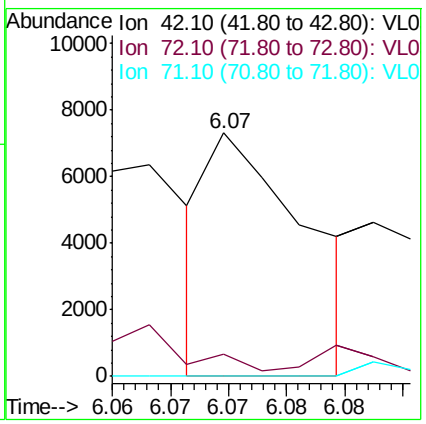


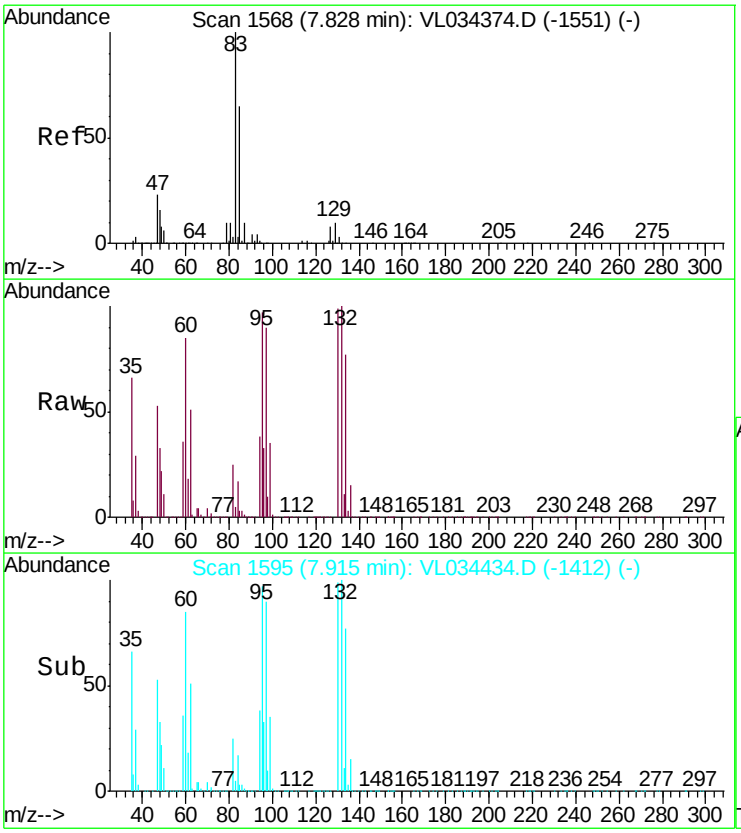
#41
Tetrahydrofuran
Concen: 0.051 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 42 Resp: 4255

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

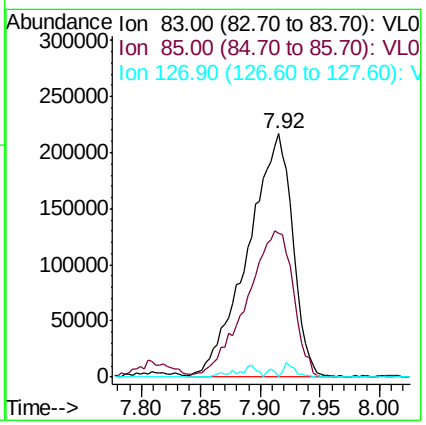


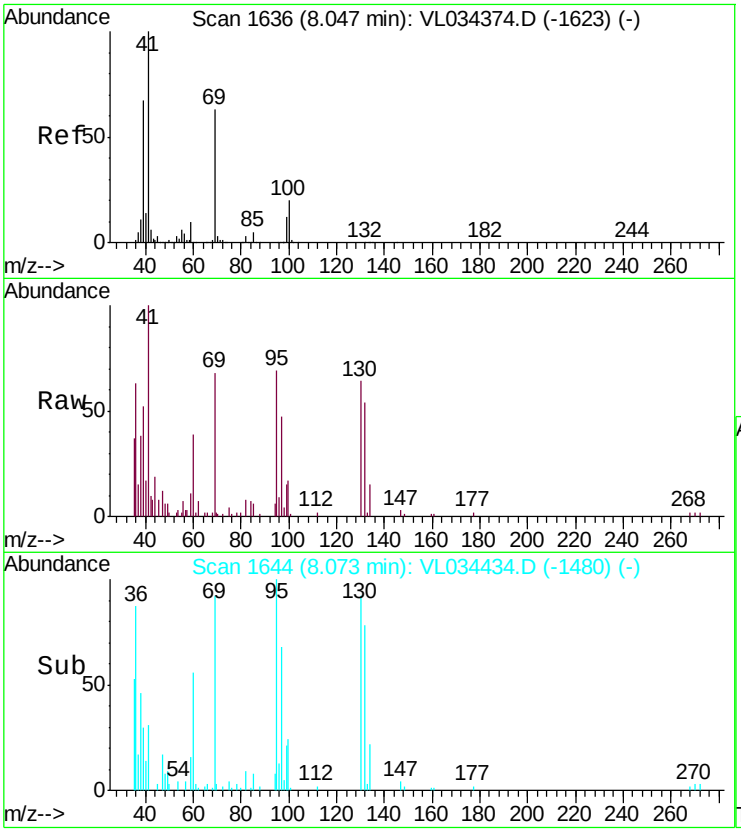


#42
Bromodichloromethane
Concen: 3.354 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.09 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 83 Resp: 565910

Ion	Ratio	Lower	Upper
83	100		
85	58.9	52.3	78.5
127	0.0	6.1	9.1#



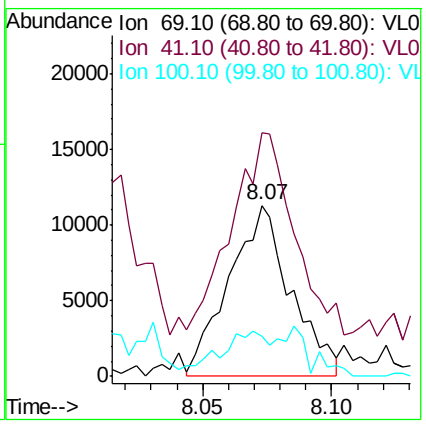


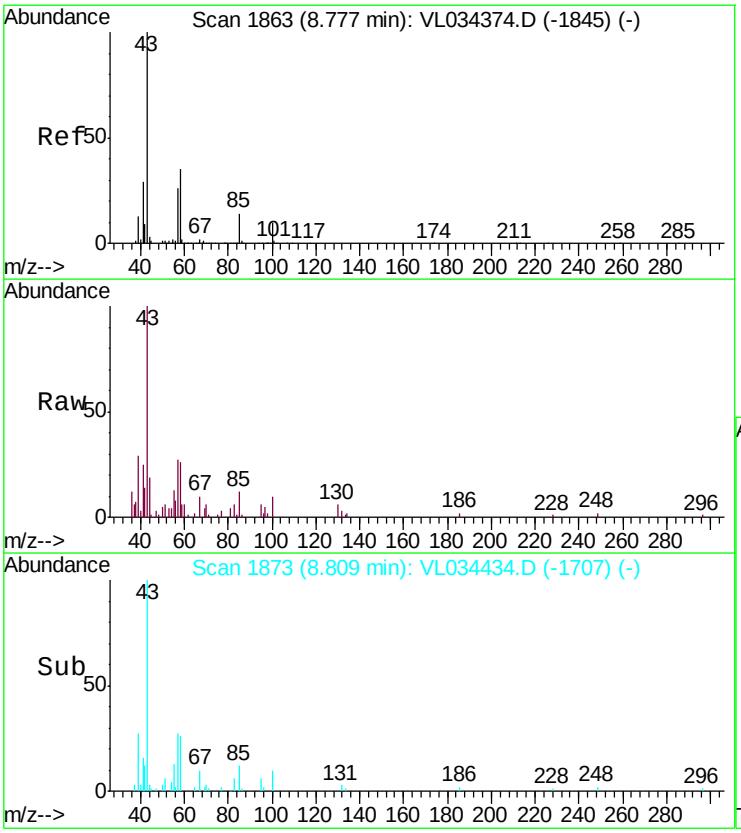
#43
Methyl Methacrylate
Concen: 0.252 ppbv
RT: 8.07 min Scan# 1644
Delta R.T. 0.03 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion: 69 Resp: 18955

Ion	Ratio	Lower	Upper
69	100		
41	159.4	127.4	191.2
100	34.5	24.2	36.4

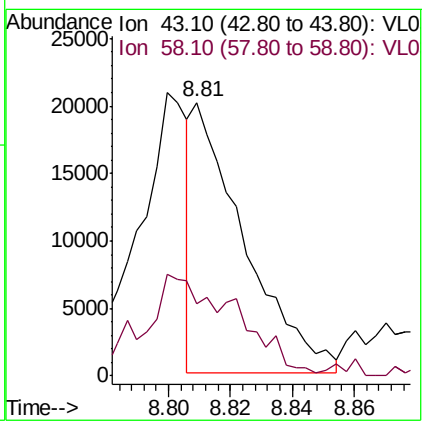


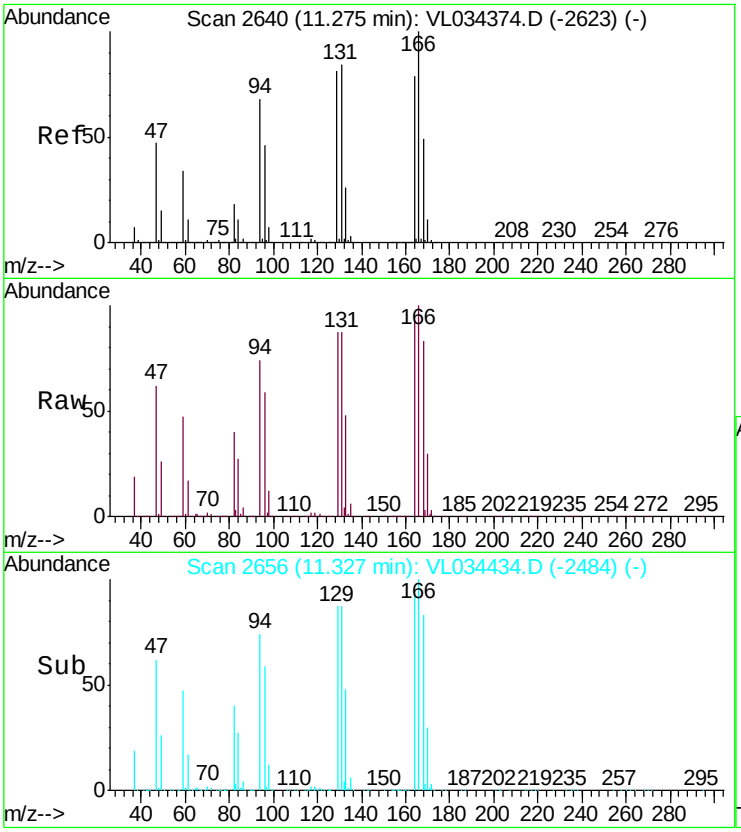


#50
4-Methyl-2-Pentanone
Concen: 0.107 ppbv
RT: 8.81 min Scan# 1873
Delta R.T. 0.03 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 43 Resp: 23109

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#



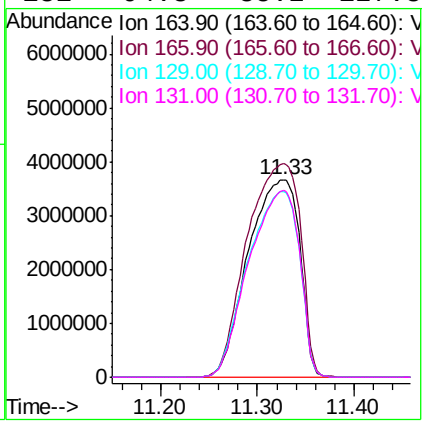


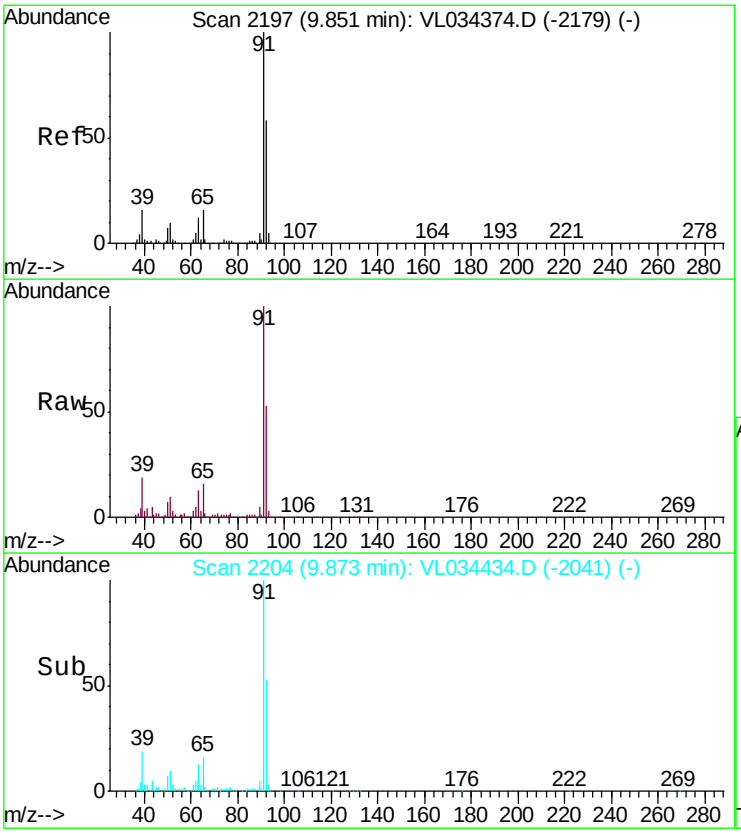
#52
Tetrachloroethene
Concen: 172.188 ppbv
RT: 11.33 min Scan# 2656
Delta R.T. 0.05 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion:164 Resp:13528969

Ion	Ratio	Lower	Upper
164	100		
166	108.0	101.7	152.5
129	94.0	82.6	123.8
131	94.3	85.2	127.8

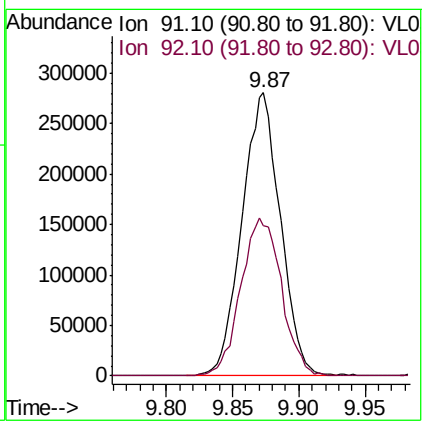


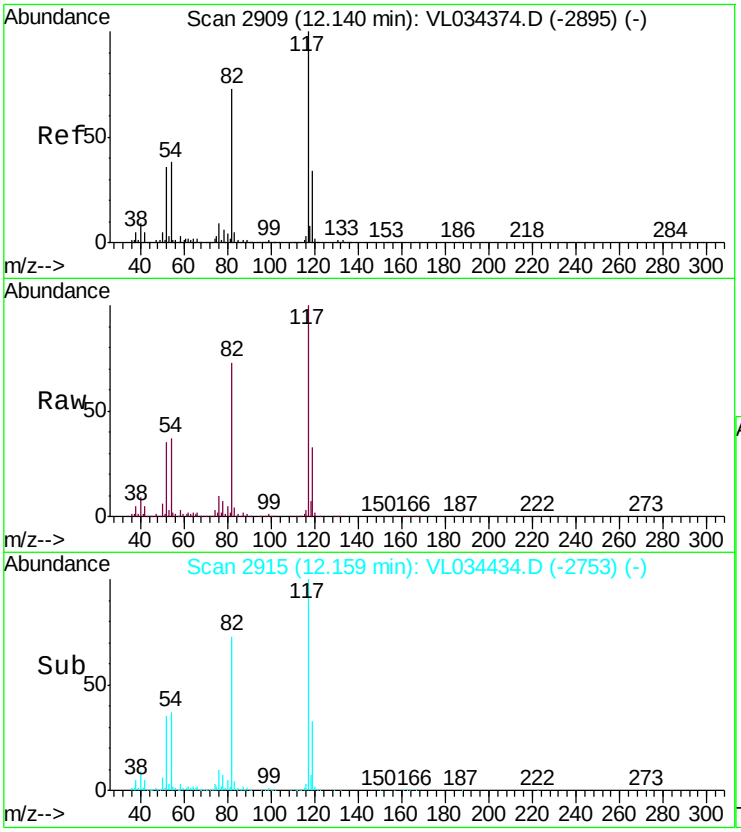


#53
Toluene
Concen: 2.740 ppbv
RT: 9.87 min Scan# 2204
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 91 Resp: 565243

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.9	71.9



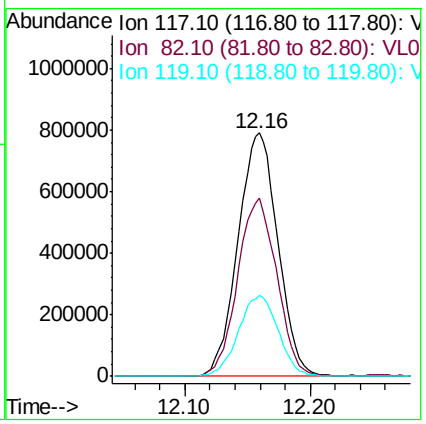


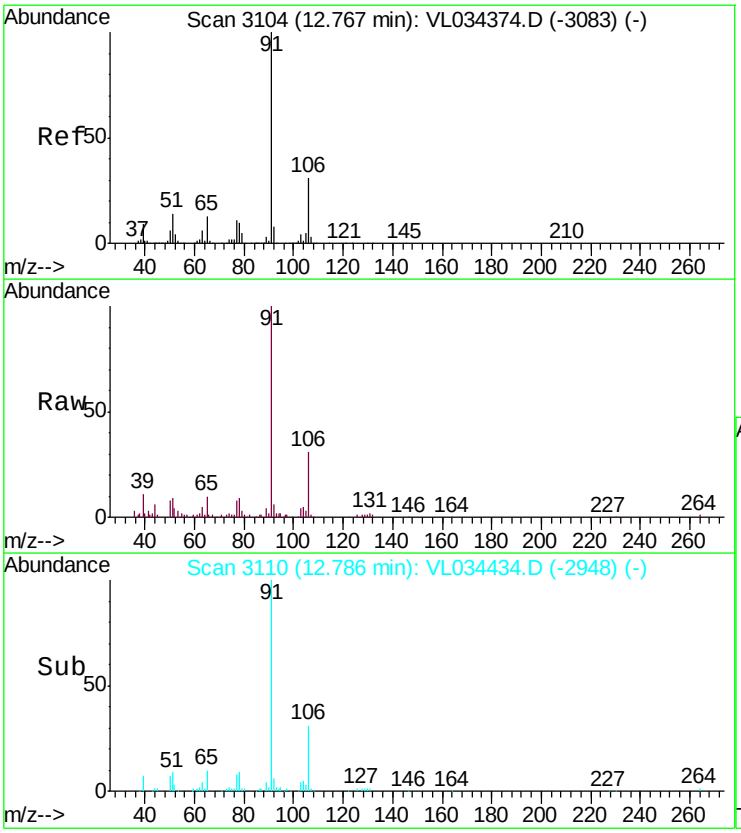
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion:117 Resp: 1746869

Ion	Ratio	Lower	Upper
117	100		
82	71.9	57.5	86.3
119	33.2	25.4	38.2

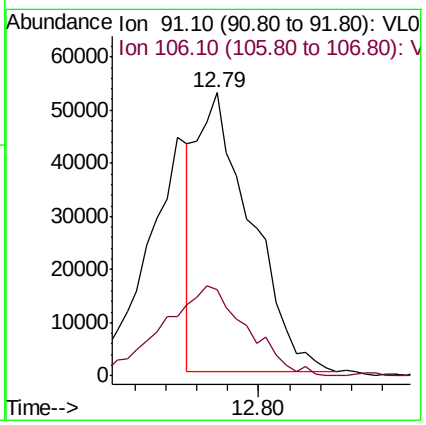


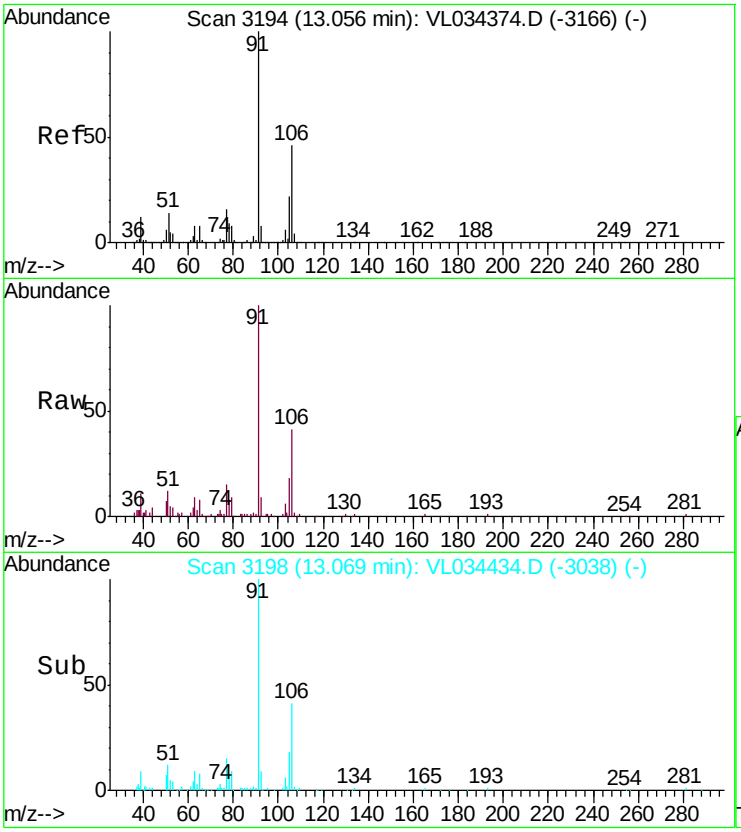


#58
Ethyl Benzene
Concen: 0.237 ppbv
RT: 12.79 min Scan# 3110
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 91 Resp: 64281

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.8	37.2



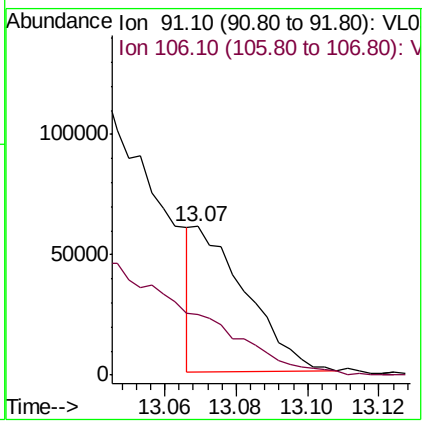


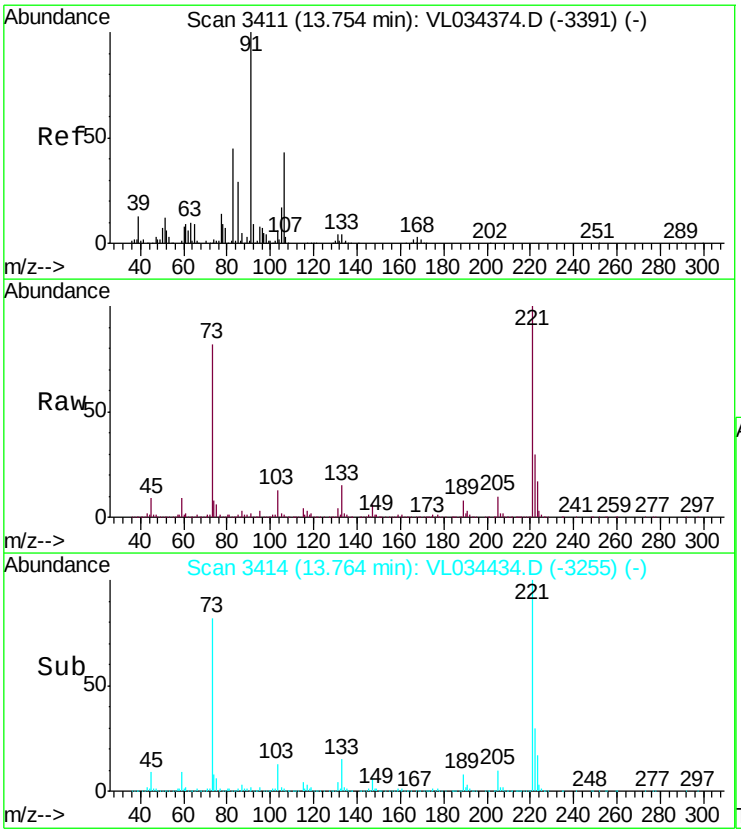
#59
m/p-Xylene
Concen: 0.262 ppbv
RT: 13.07 min Scan# 3198
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion: 91 Resp: 61464

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	51.8#

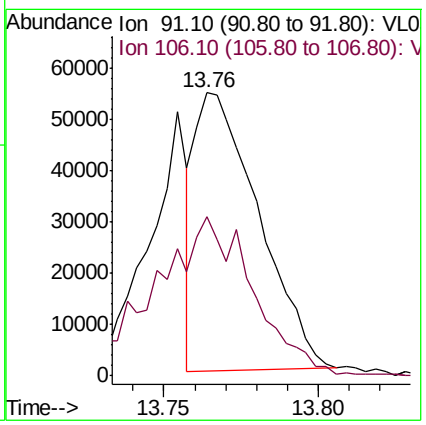


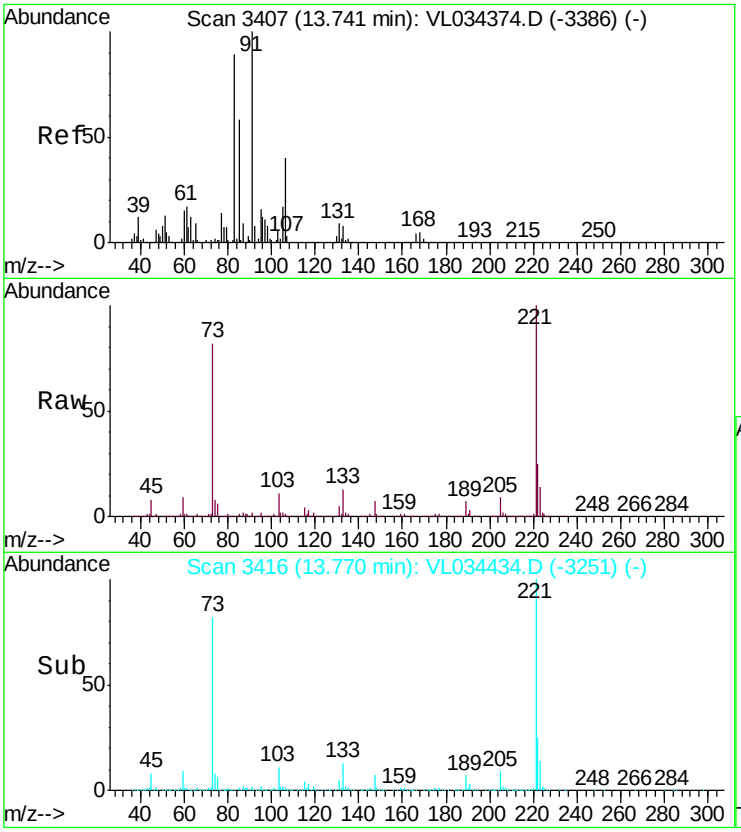


#60
o-Xylene
Concen: 0.332 ppbv
RT: 13.76 min Scan# 3414
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion: 91 Resp: 76963

Ion	Ratio	Lower	Upper
91	100		
106	93.6	21.3	64.0#



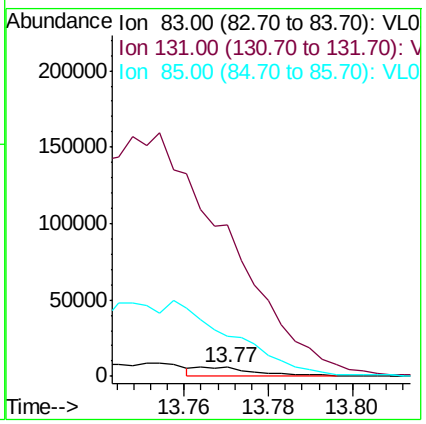


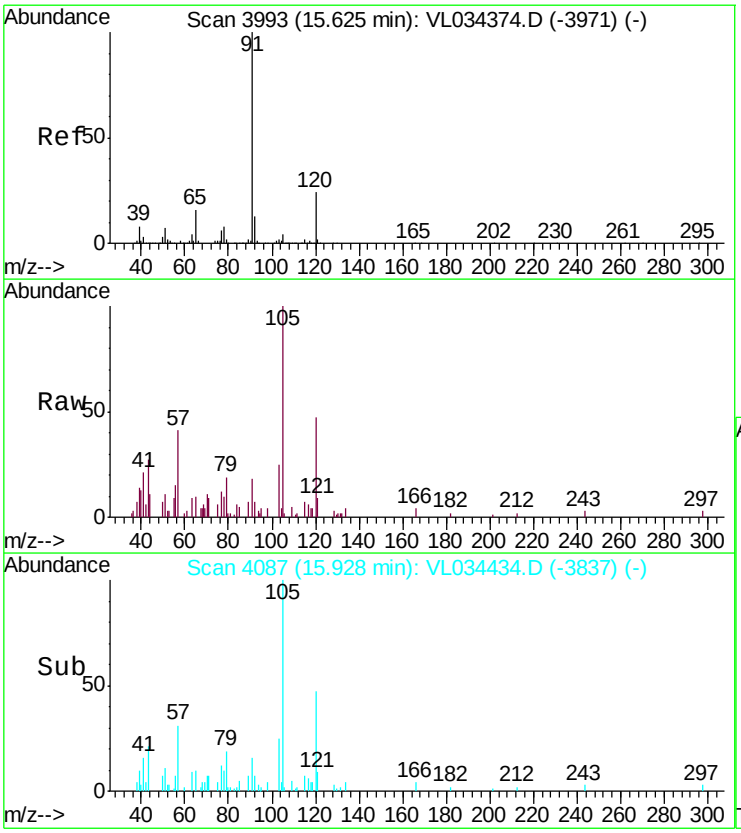
#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv
RT: 13.77 min Scan# 3416
Delta R.T. 0.03 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion: 83 Resp: 5737

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	0.0	32.6	97.8#

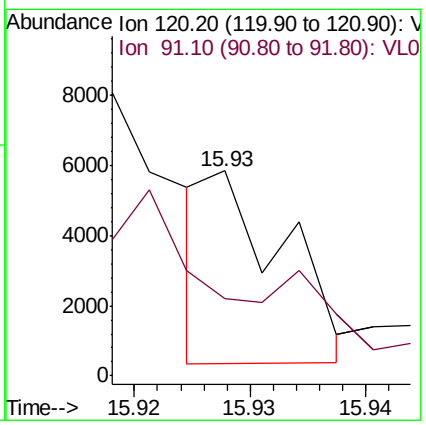


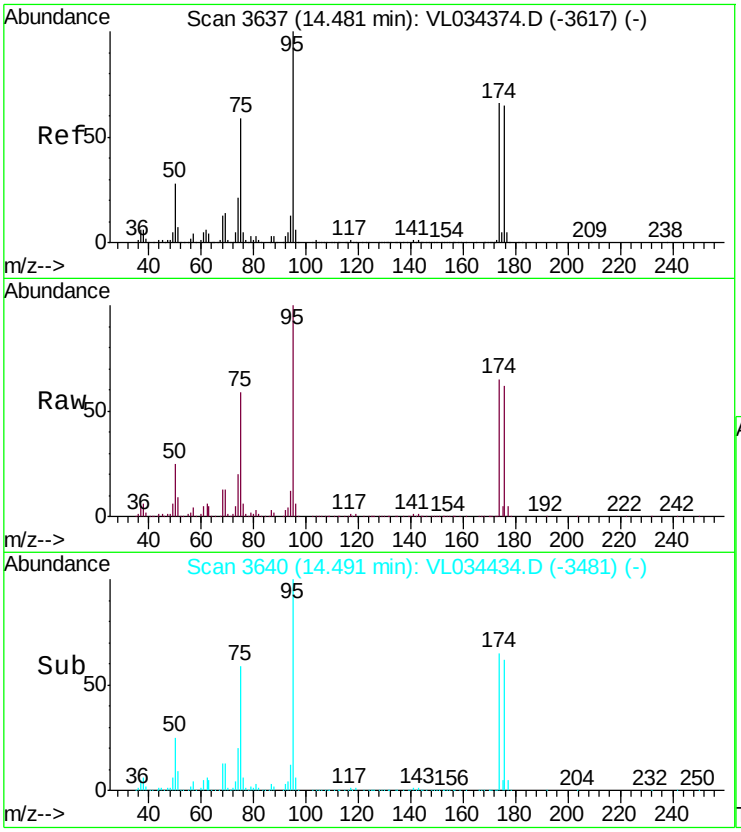


#64
n-propylbenzene
Concen: 0.031 ppbv
RT: 15.93 min Scan# 4087
Delta R.T. 0.30 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion:120 Resp: 2491

Ion	Ratio	Lower	Upper
120	100		
91	379.6	370.9	556.3



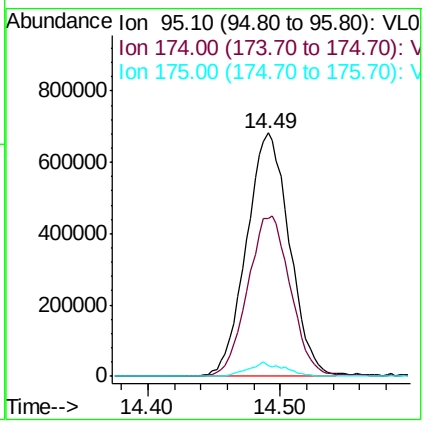


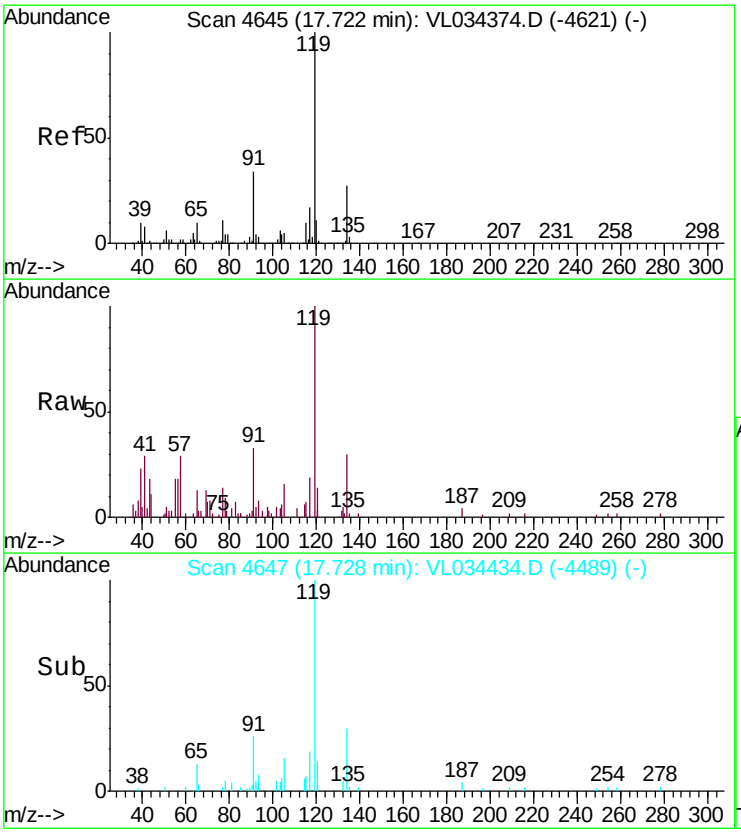
#68
1-Bromo-4-Fluorobenzene
Concen: 10.427 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument : MSVOA_L
ClientSampleId : SV-4

Tgt Ion: 95 Resp: 1532301

Ion	Ratio	Lower	Upper
95	100		
174	66.4	52.2	78.2
175	4.8	3.8	5.8

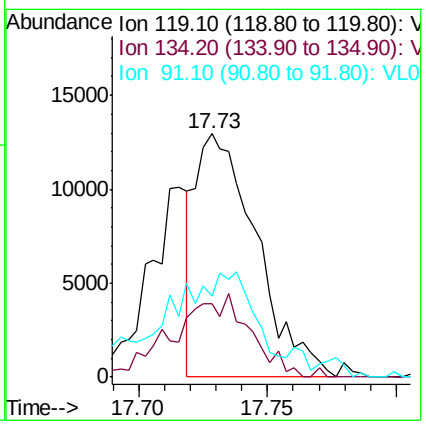


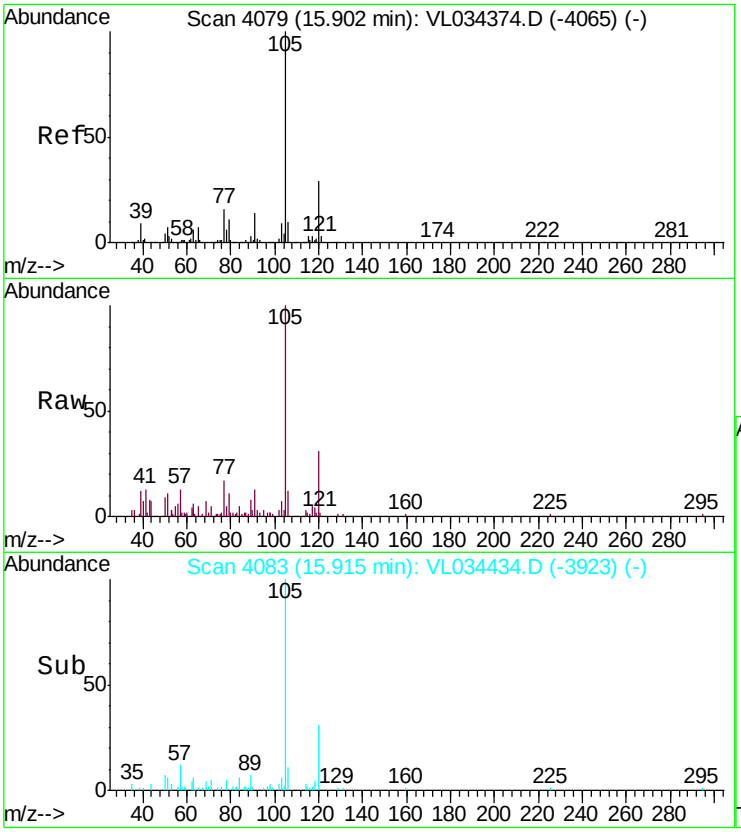


#69
p-Isopropyltoluene
Concen: 0.066 ppbv
RT: 17.73 min Scan# 4647
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion:119 Resp: 21044

Ion	Ratio	Lower	Upper
119	100		
134	44.0	20.6	31.0#
91	72.5	26.3	39.5#



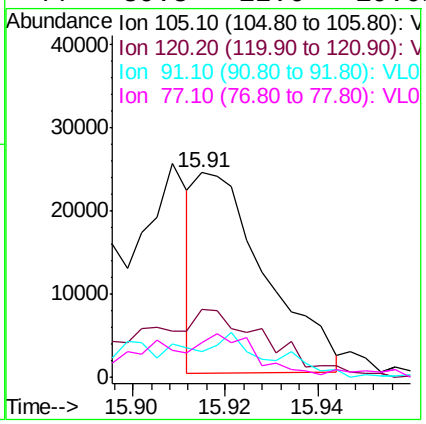


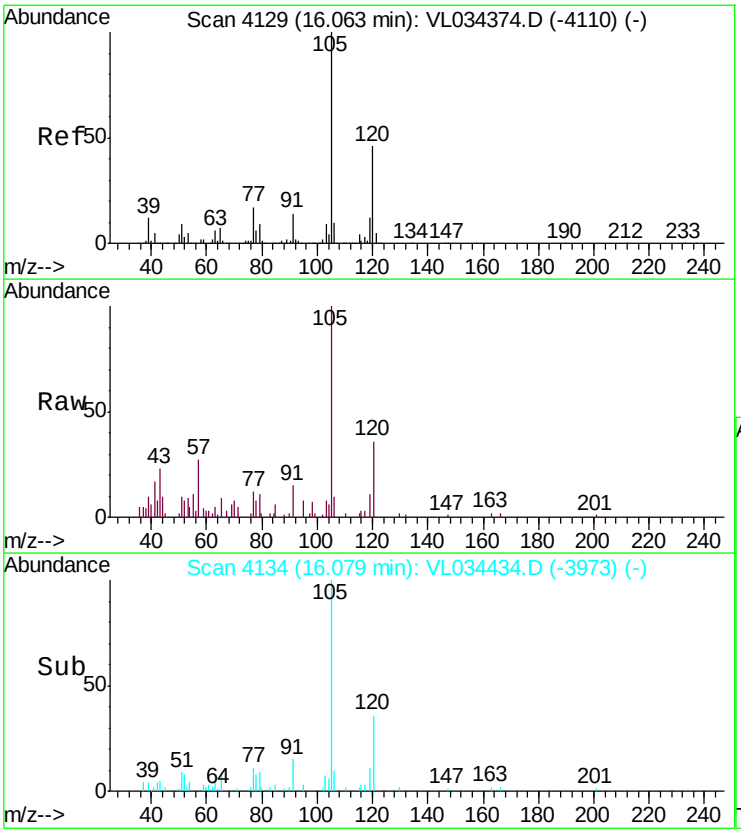
#72
4-Ethyltoluene
Concen: 0.093 ppbv
RT: 15.91 min Scan# 4083
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion:105 Resp: 24960

Ion	Ratio	Lower	Upper
105	100		
120	68.1	23.5	35.3#
91	37.7	11.4	17.0#
77	39.8	12.6	19.0#

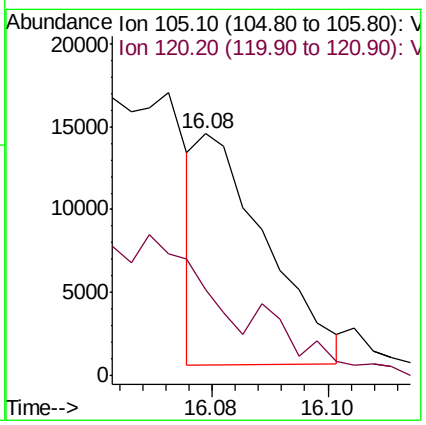


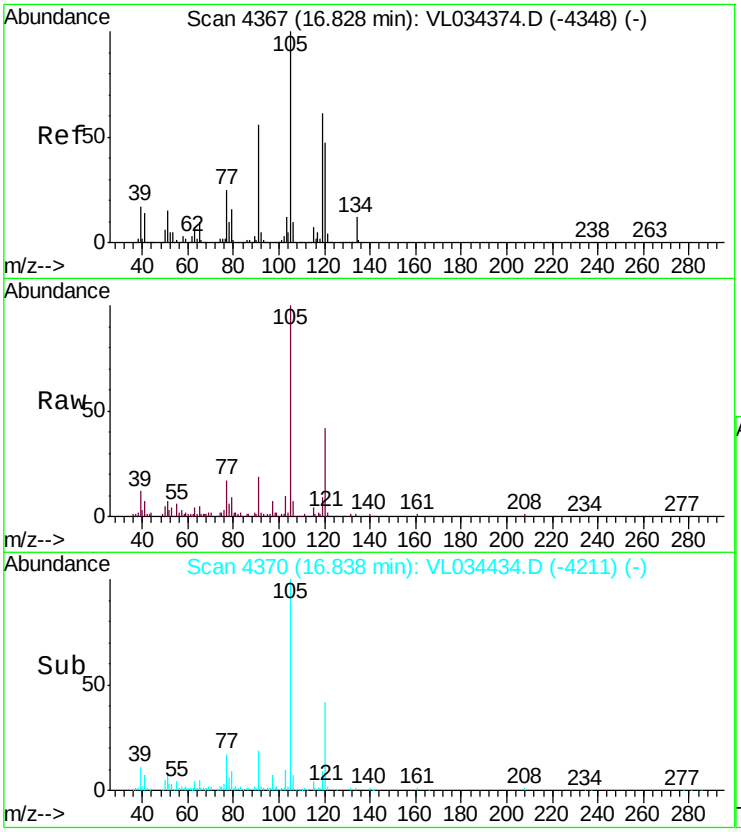


#73
1,3,5-Trimethylbenzene
Concen: 0.043 ppbv
RT: 16.08 min Scan# 4134
Delta R.T. 0.02 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Tgt Ion:105 Resp: 11358

Ion	Ratio	Lower	Upper
105	100		
120	35.6	37.1	55.7#





#74
1,2,4-Trimethylbenzene
Concen: 0.313 ppbv
RT: 16.84 min Scan# 4370
Delta R.T. 0.01 min
Lab File: VL034434.D
Acq: 2 Dec 2019 20:08

Instrument :
MSVOA_L
ClientSampleId :
SV-4

Tgt Ion:105 Resp: 87119

Ion	Ratio	Lower	Upper
105	100		
120	42.1	37.4	56.0
91	18.3	46.3	69.5#
77	17.3	20.6	30.8#