Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\

Quantitation Report (Not Reviewed)

Data File : VL034212.D
Acq On : 2 Oct 2019 15:54
Operator : SY/AP
Sample : K5106-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-2

Quant Time: Oct 03 05:40:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.70	49	1004082	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.22	114	1838754	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.16	117	1896259	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1681099	10.20	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	21889	0.148	ppbv	#	87
3) Chlorodifluoromethane	2.94	51	250332	2.126	ppbv	#	61
4) Chloromethane	3.12	50	176283	2.548	ppbv		92
5) Vinyl Chloride	3.25	62	45287	0.716	ppbv		99
7) Chloroethane	3.56	64	10181	0.461	ppbv		93
9) Propene	2.99	41	3493761	60.150	ppbv		100
10) Heptane	8.18	43	448697	2.964	ppbv		94
11) Trichlorofluoromethane	3.95	101	36774	0.272	ppbv		88
12) 1,1,2-Trichlorotrifluoroet	4.49	101	3534	0.040	ppbv	#	18
13) Ethanol	3.61	45	2307356	164.048	ppbv		98
15) Acetone	3.84	43	6944811	51.606	ppbv		91
16) 1,3-Butadiene	3.30	39	2785159	47.424	ppbv	#	29
17) tert-Butyl alcohol	4.31	59	1056641	12.392	ppbv		100
19) Isopropyl Alcohol	3.98	45	1223255	14.782	ppbv	#	1
20) Methylene Chloride	4.36	84	177222	4.568	ppbv		96
21) Allyl Chloride	4.41	41	41279	0.543	ppbv	#	1
23) Vinyl Acetate	5.08	43	420454	2.120	ppbv	#	1
25) Ethyl Acetate	5.71	43	1184207	4.653	ppbv	#	95
26) Hexane	5.72	57	741749	7.007	ppbv	#	69
27) Carbon Disulfide	4.56	76	3484036	35.686	ppbv		97
29) Chloroform	5.79	83	39518	0.261	ppbv		92
30) Cyclohexane	7.18	84	586635	7.676	ppbv		98
31) cis-1,2-Dichloroethene	5.70	61	74856	0.694	ppbv	#	33
34) 2-Butanone	5.27	43	2223683	11.844	ppbv		95
36) Benzene	6.93	78	410391	2.021	ppbv		95
37) 1,2-Dichloroethane	6.35	62	100808	0.698	ppbv		99
38) Trichloroethene	7.89	130	10018	0.138	ppbv		91
39) 1,2-Dichloropropane	7.22	63	570357	6.251	ppbv	#	20
41) Tetrahydrofuran	6.07	42	4916	0.046	ppbv	#	42
42) Bromodichloromethane	7.84	83	6096	0.035	ppbv	#	24
43) Methyl Methacrylate	8.06	69	31010	0.370	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.92	57	265488	0.679	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.80	43	182564	0.668	ppbv		97
51) 2-Hexanone	10.19	43	232347	1.013	ppbv	#	88
52) Tetrachloroethene	11.30	164	1126584	16.791	ppbv		96
53) Toluene	9.87	91	2280190	10.274	ppbv		98
58) Ethyl Benzene	12.79	91	385552	1.260	ppbv		90
59) m/p-Xylene	13.04	91	943270	3.722	ppbv		100
60) o-Xylene	13.77	91	399827	1.578	ppbv		98
61) Styrene	13.61	104	71571	0.394	ppbv	#	24
62) Isopropylbenzene	14.75	105	16034	0.049	ppbv	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\

Quantitation Report (Not Reviewed)

Data File : VL034212.D
Acq On : 2 Oct 2019 15:54
Operator : SY/AP
Sample : K5106-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-2

Quant Time: Oct 03 05:40:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) n-propylbenzene	15.64	120	12393	0.149	ppbv	#	1
69) p-Isopropyltoluene	17.74	119	28074	0.085	ppbv	#	44
70) n-Butylbenzene	18.63	91	15538	0.040	ppbv	#	1
71) 2-Chlorotoluene	15.84	91	14880	0.056	ppbv		69
72) 4-Ethyltoluene	15.93	105	61047	0.213	ppbv	#	40
73) 1,3,5-Trimethylbenzene	16.08	105	91775	0.332	ppbv		89
74) 1,2,4-Trimethylbenzene	16.84	105	294905	1.004	ppbv	#	67
79) Naphthalene	22.32	128	87324	0.338	ppbv	#	90
80) Naphthalene,2-methyl-	25.04	142	8811	0.073	ppbv	#	88

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

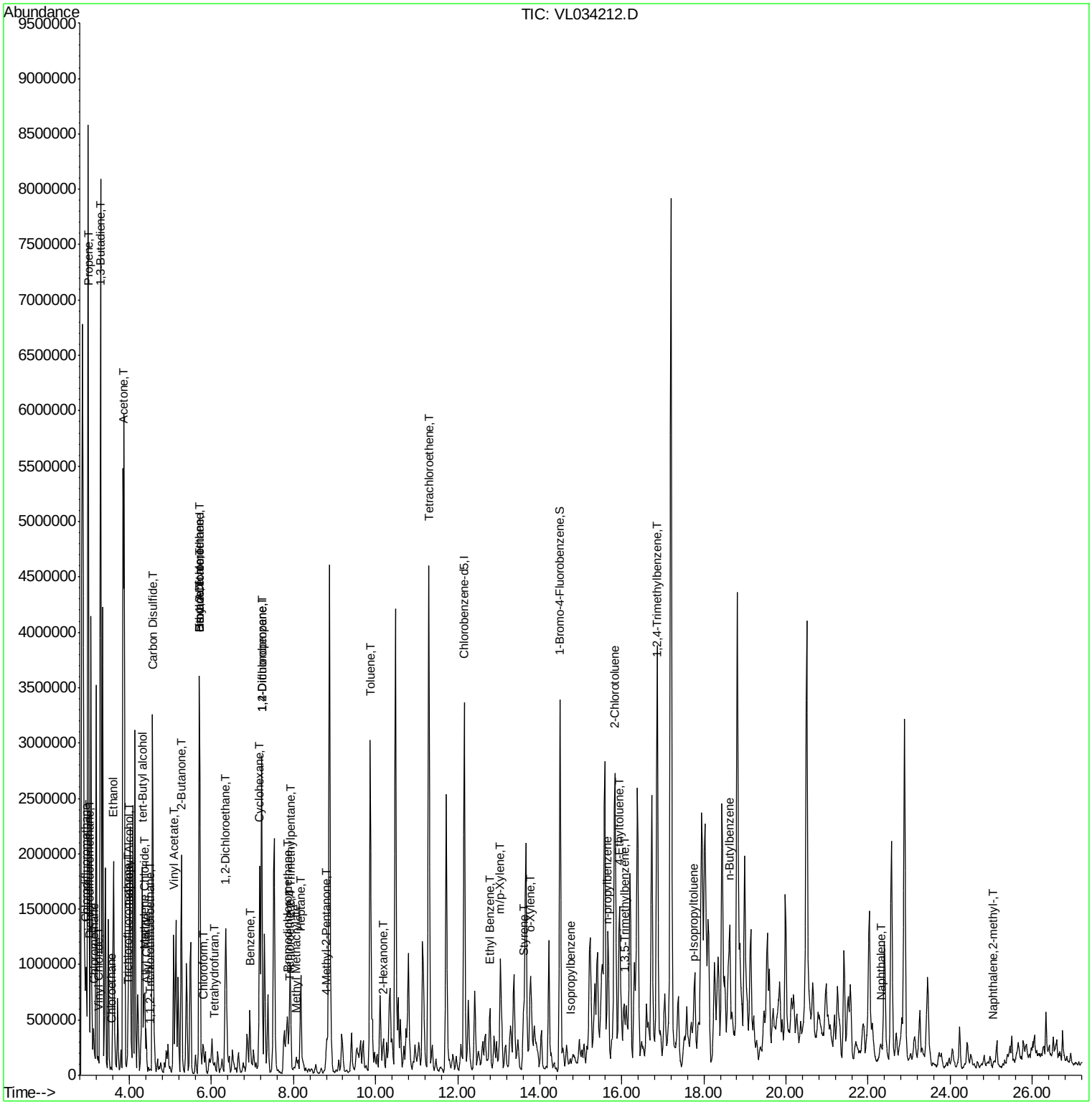
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\

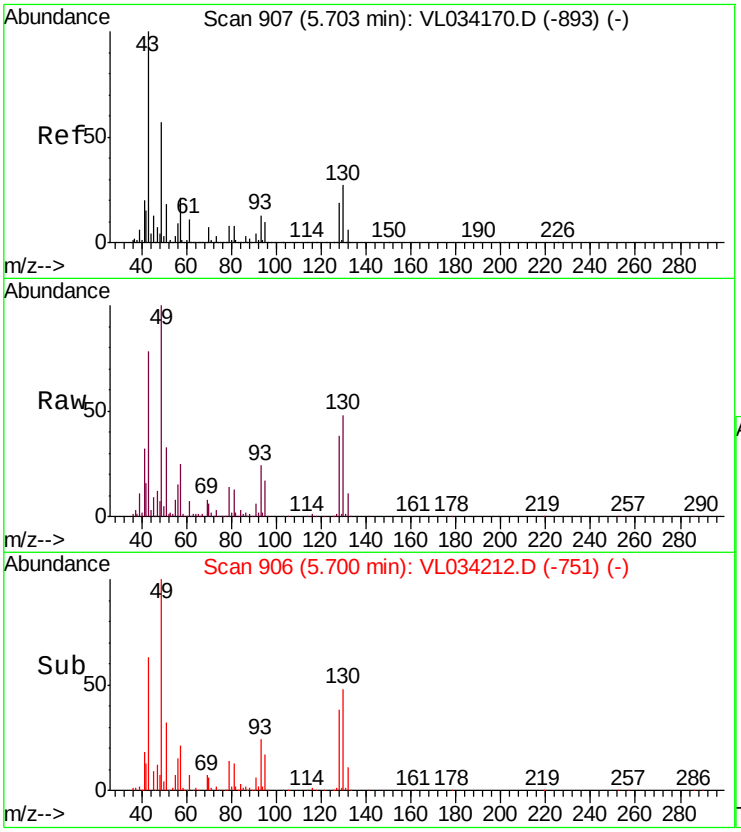
Quantitation Report (Not Reviewed)

Data File : VL034212.D
Acq On : 2 Oct 2019 15:54
Operator : SY/AP
Sample : K5106-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-2

Quant Time: Oct 03 05:40:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration



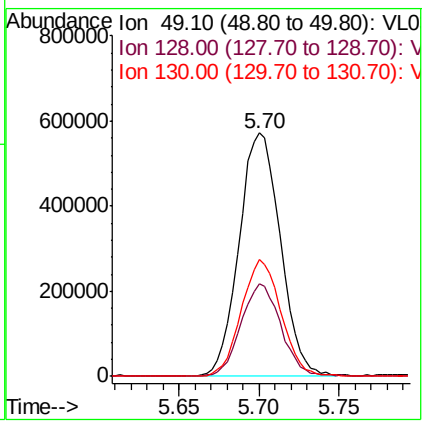


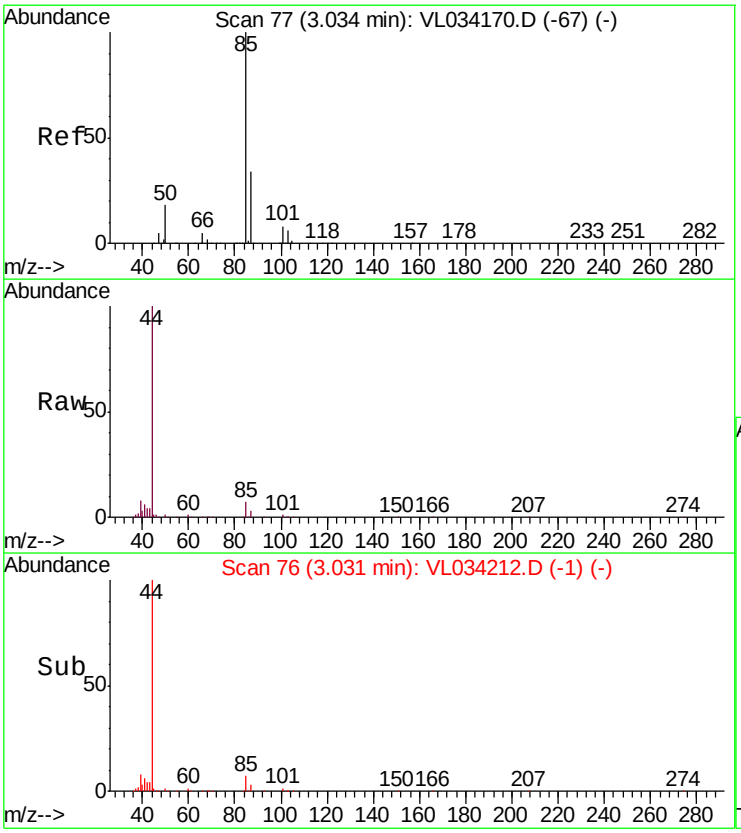
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 49 Resp: 1004082

Ion	Ratio	Lower	Upper
49	100		
128	37.2	17.6	52.9
130	46.5	22.3	66.9

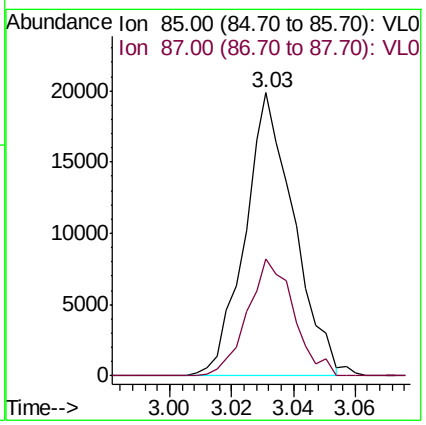


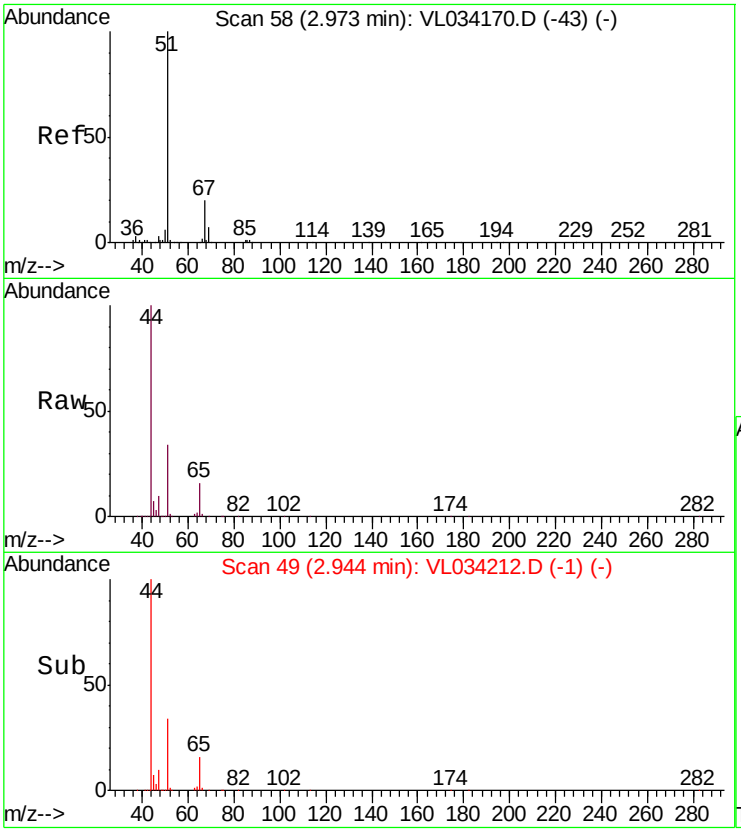


#2
Dichlorodifluoromethane
Concen: 0.148 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 85 Resp: 21889

Ion	Ratio	Lower	Upper
85	100		
87	41.4	27.2	40.8#



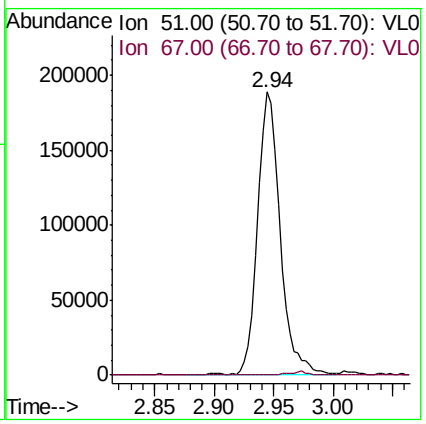


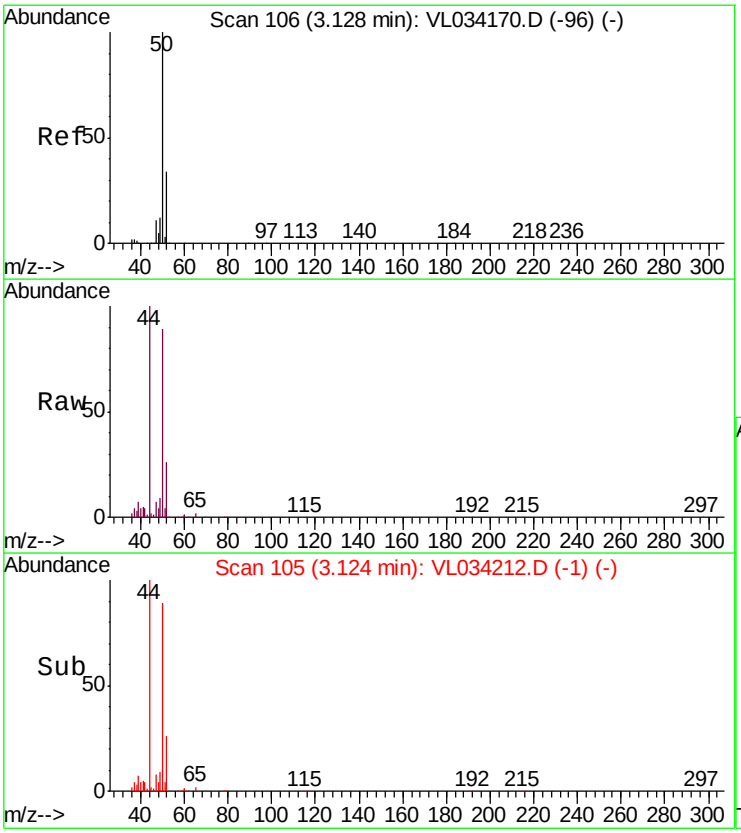
#3
Chlorodifluoromethane
Concen: 2.126 ppbv
RT: 2.94 min Scan# 49
Delta R.T. -0.03 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 51 Resp: 250332

Ion	Ratio	Lower	Upper
51	100		
67	1.1	14.8	22.2#

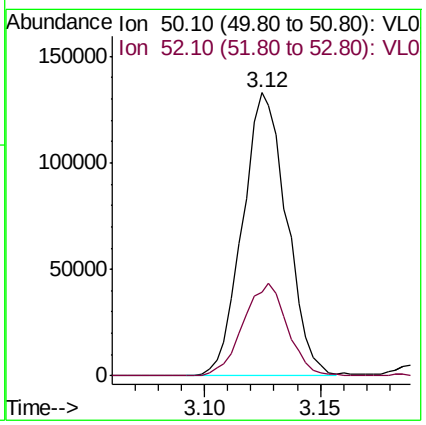


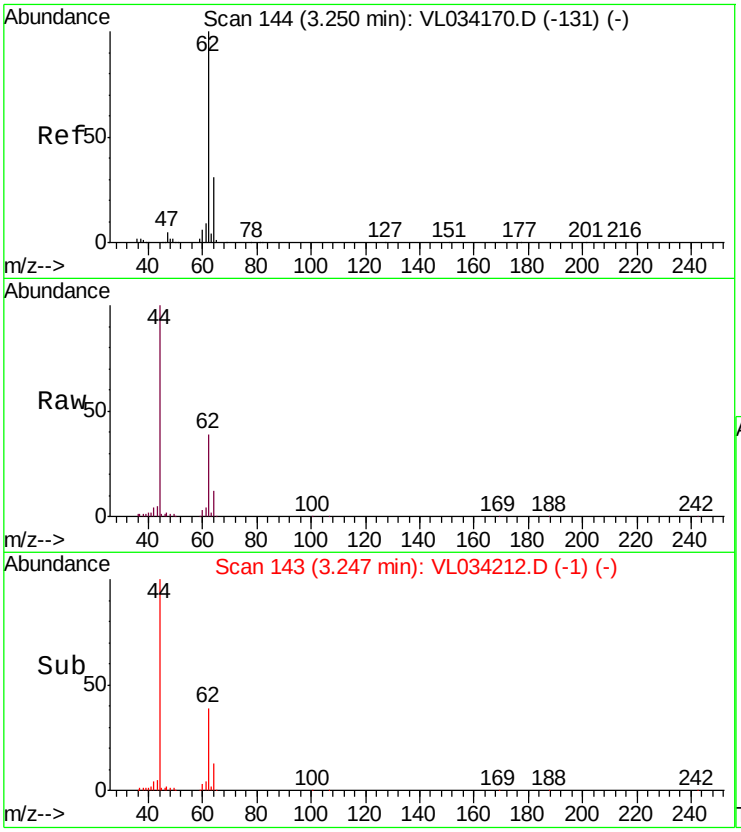


#4
Chloromethane
Concen: 2.548 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 50 Resp: 176283

Ion	Ratio	Lower	Upper
50	100		
52	29.6	27.1	40.7



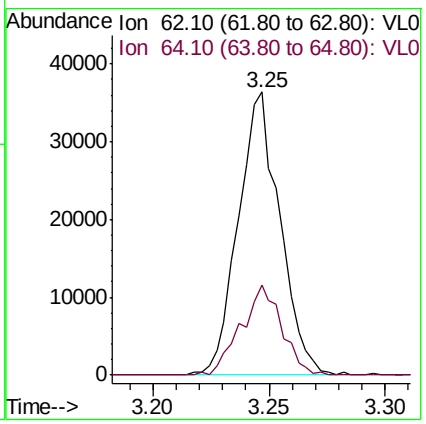


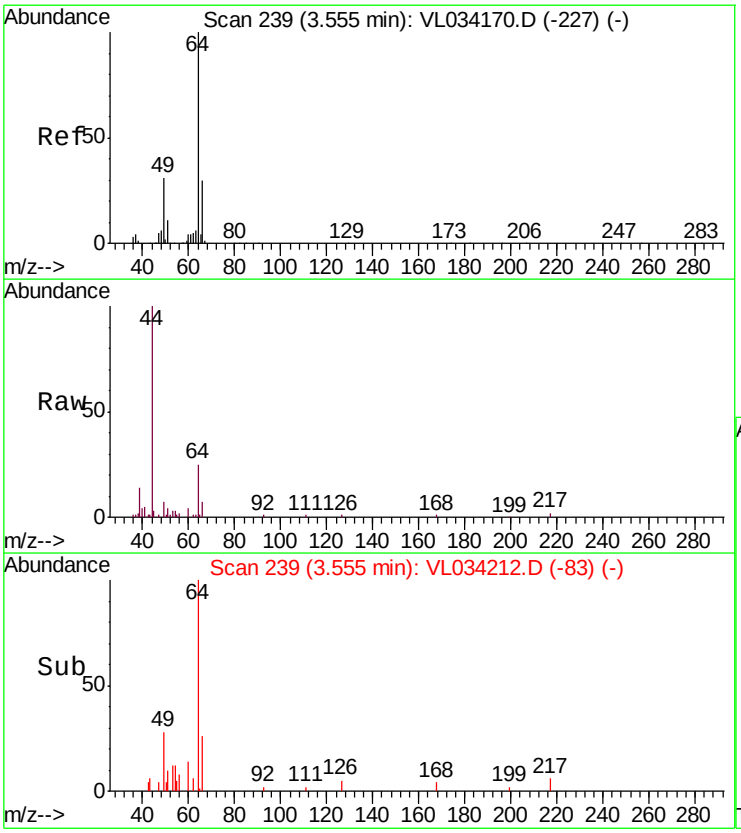
#5
Vinyl Chloride
Concen: 0.716 ppbv
RT: 3.25 min Scan# 143
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 62 Resp: 45287

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.2	37.8

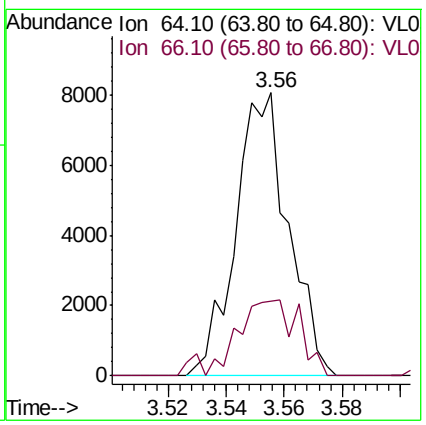


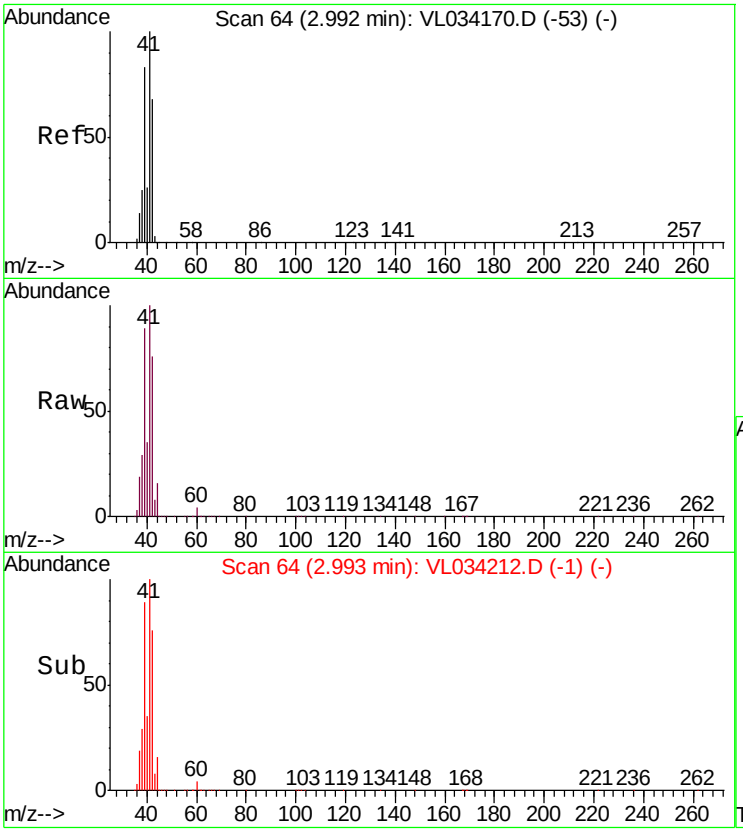


#7
Chloroethane
Concen: 0.461 ppbv
RT: 3.56 min Scan# 239
Delta R.T. 0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 64 Resp: 10181

Ion	Ratio	Lower	Upper
64	100		
66	26.4	24.2	36.4



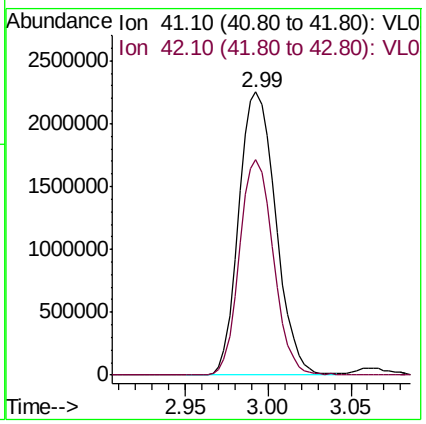


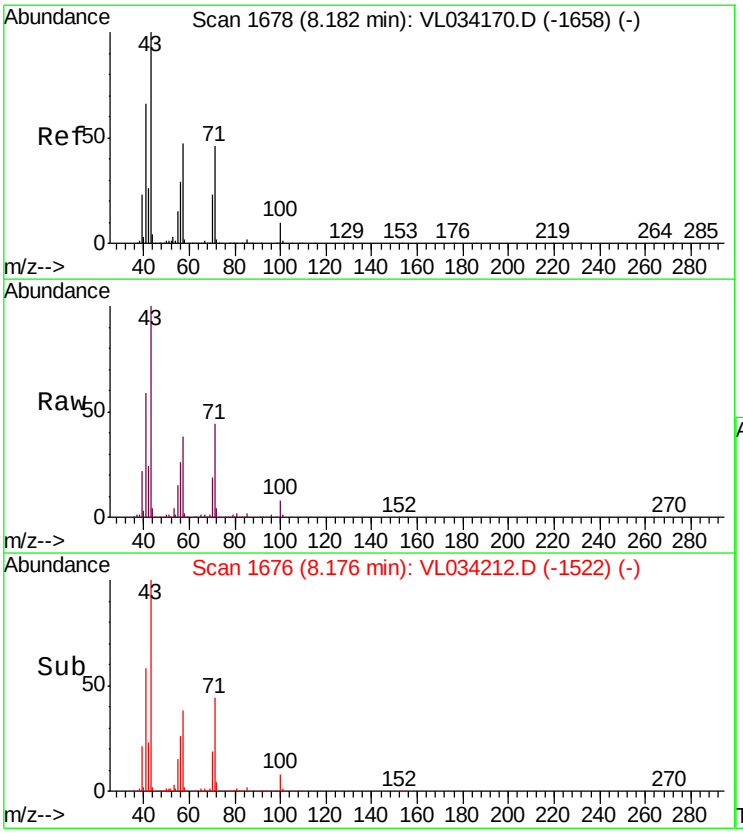
#9
Propene
Concen: 60.150 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 41 Resp: 3493761

Ion	Ratio	Lower	Upper
41	100		
42	70.1	55.8	83.6

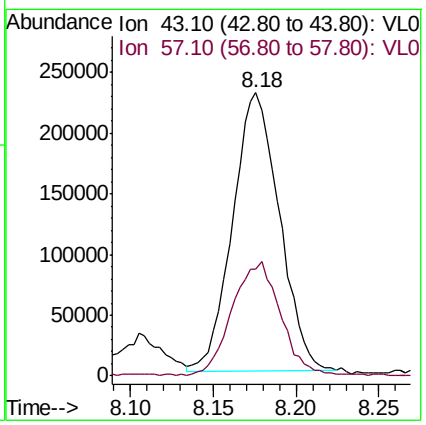


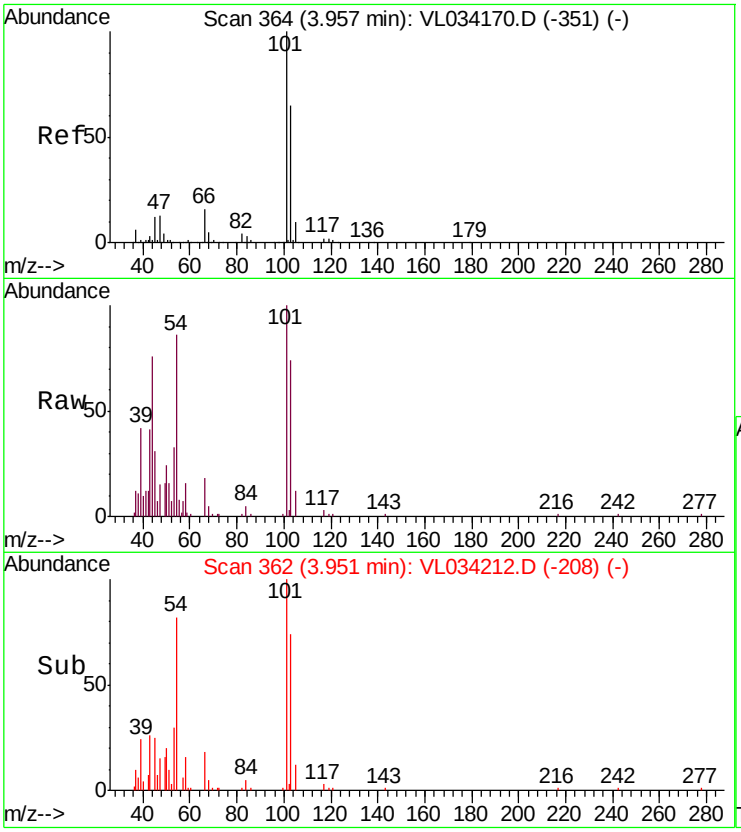


#10
Heptane
Concen: 2.964 ppbv
RT: 8.18 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 43 Resp: 448697

Ion	Ratio	Lower	Upper
43	100		
57	43.0	37.5	56.3



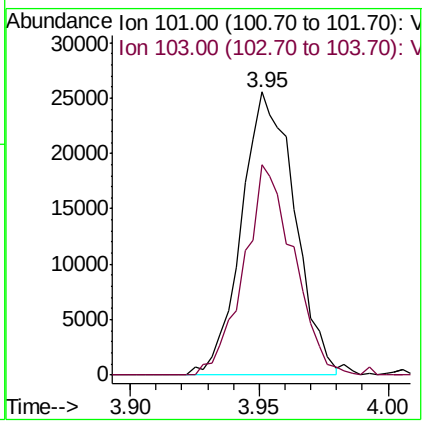


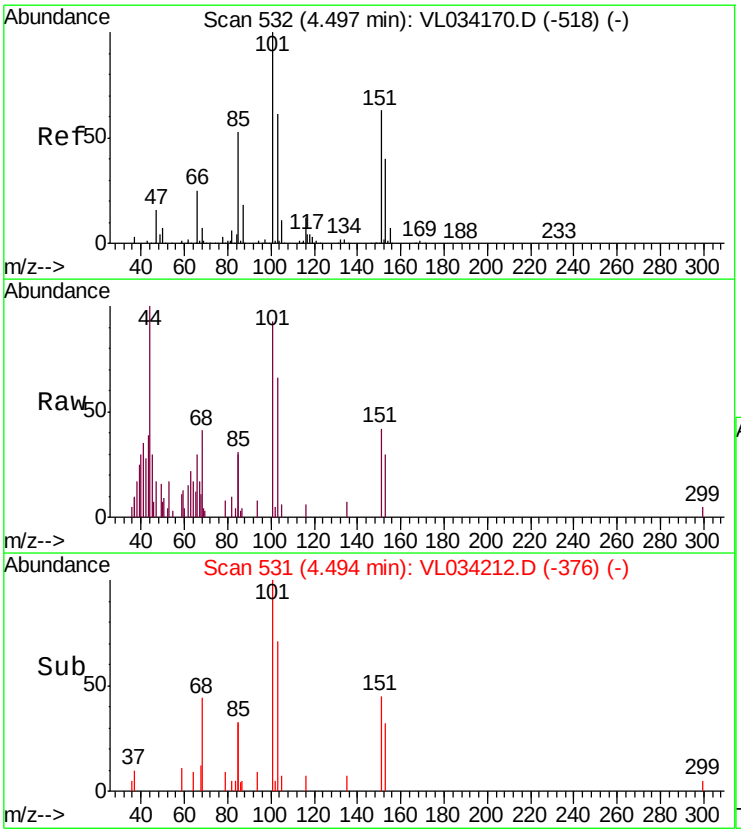
#11
Trichlorofluoromethane
Concen: 0.272 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:101 Resp: 36774

Ion	Ratio	Lower	Upper
101	100		
103	74.5	52.1	78.1

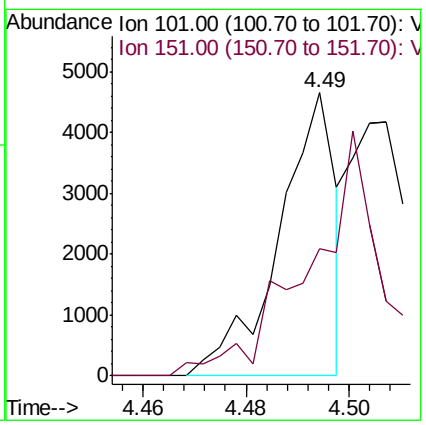


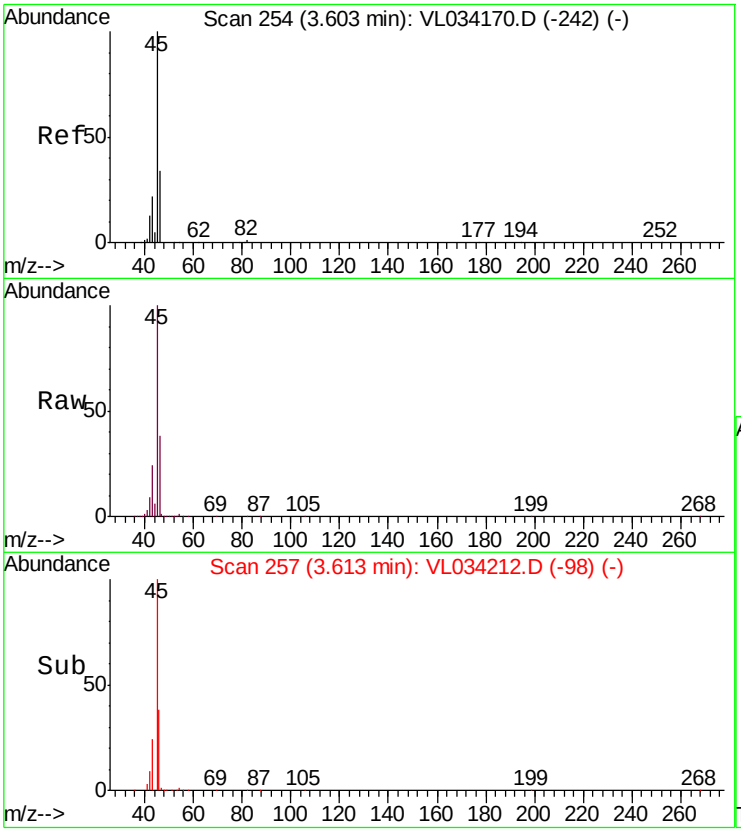


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.040 ppbv
RT: 4.49 min Scan# 531
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion:101 Resp: 3534

Ion	Ratio	Lower	Upper
101	100		
151	0.0	51.8	77.8#



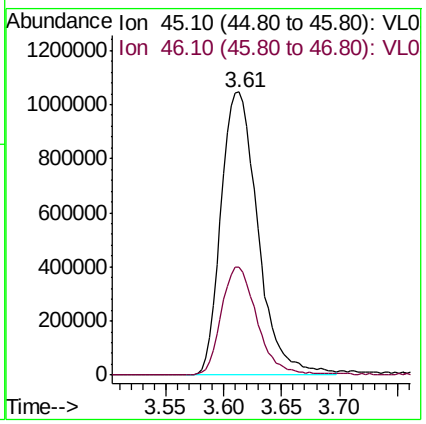


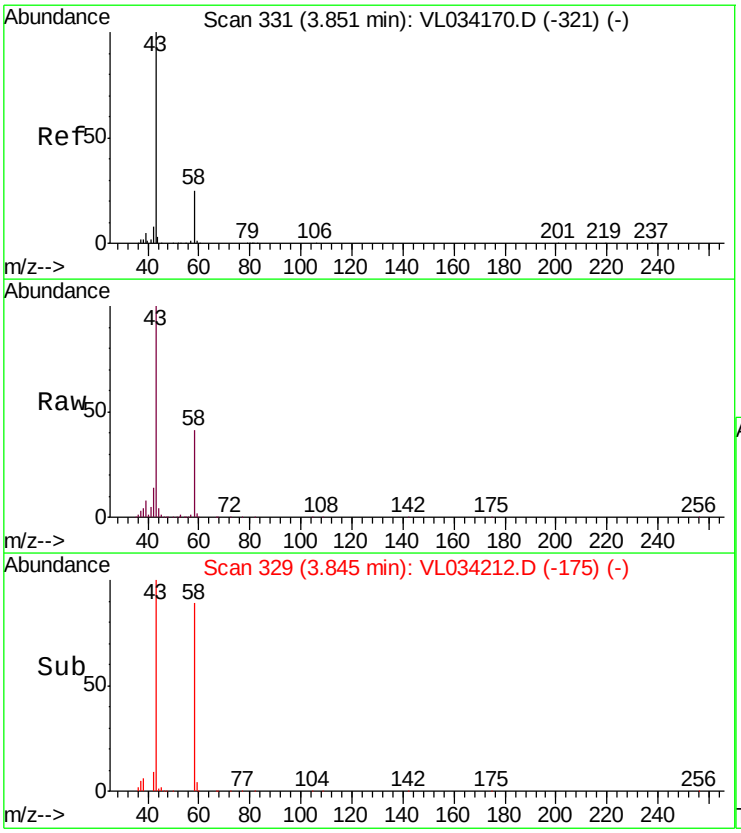
#13
Ethanol
Concen: 164.048 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 45 Resp: 2307356

Ion	Ratio	Lower	Upper
45	100		
46	37.6	15.5	61.9

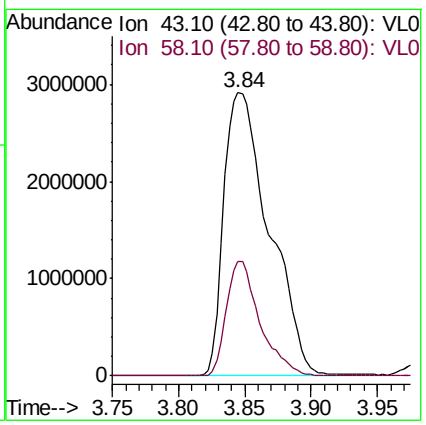


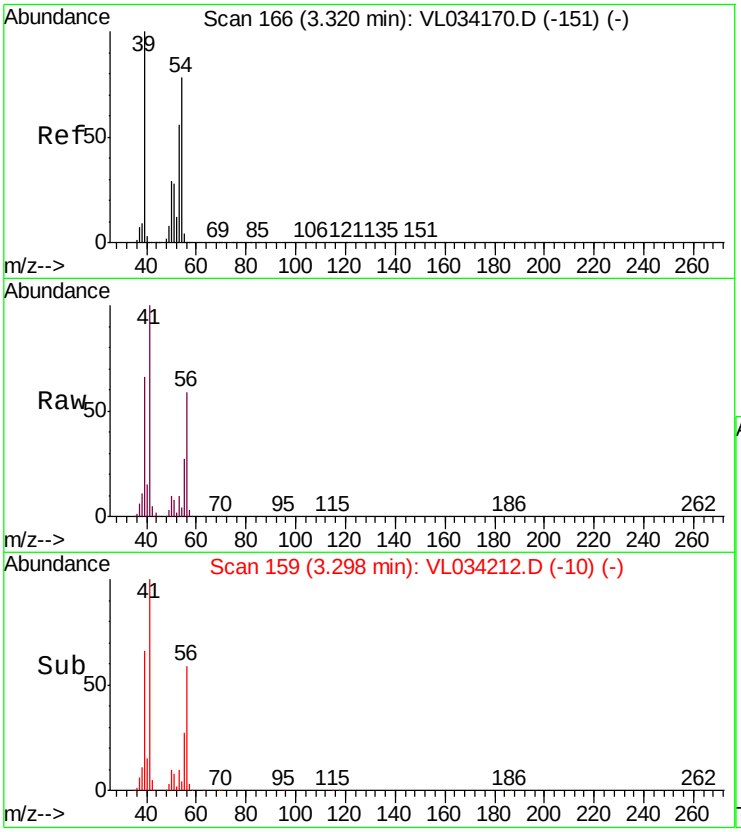


#15
Acetone
Concen: 51.606 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 43 Resp: 6944811

Ion	Ratio	Lower	Upper
43	100		
58	30.0	20.5	30.7



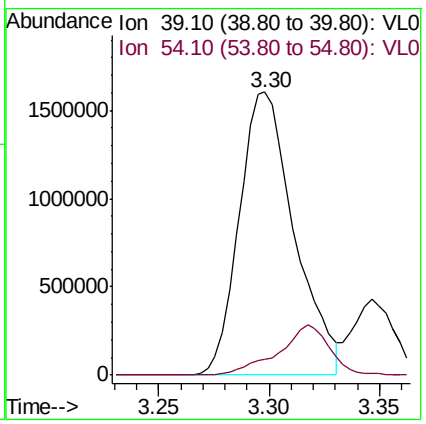


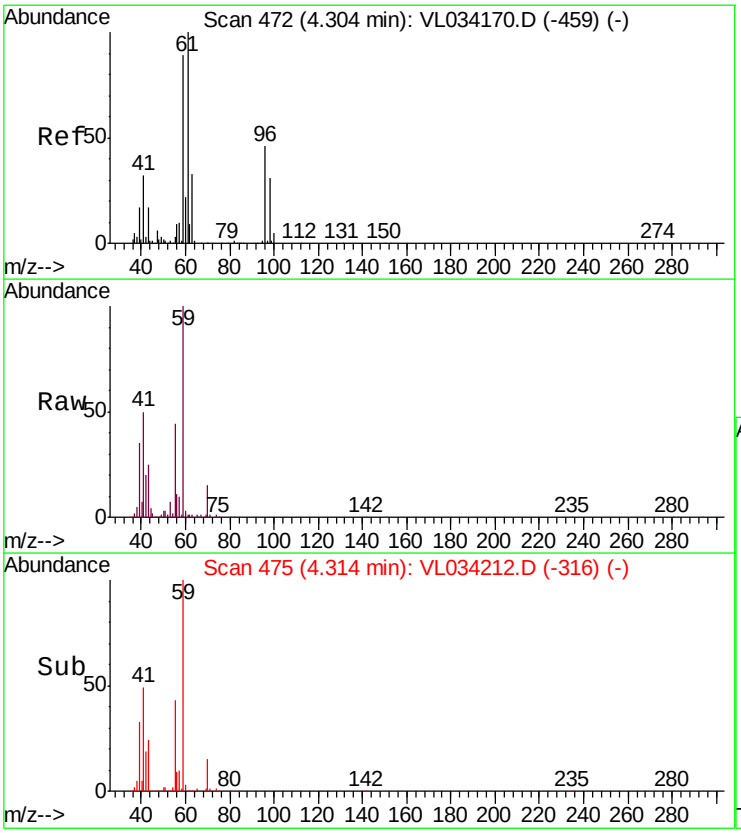
#16
1,3-Butadiene
Concen: 47.424 ppbv
RT: 3.30 min Scan# 159
Delta R.T. -0.02 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 39 Resp: 2785159

Ion	Ratio	Lower	Upper
39	100		
54	16.6	63.4	95.0#

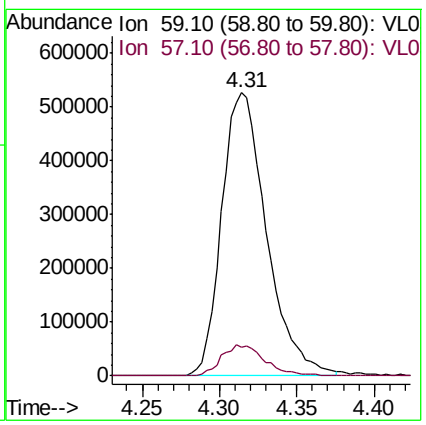


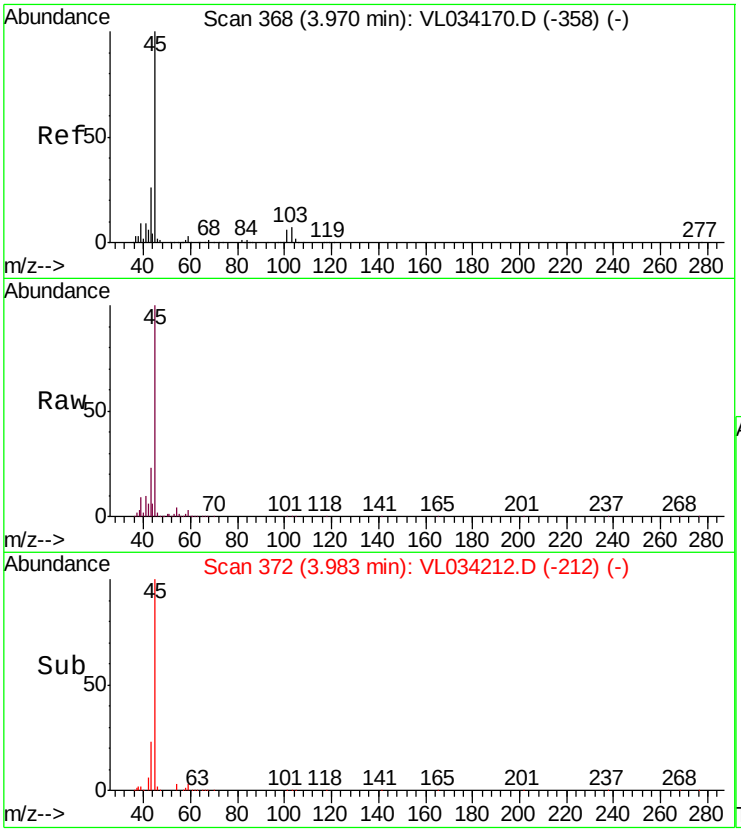


#17
tert-Butyl alcohol
Concen: 12.392 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 59 Resp: 1056641

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.7	13.1



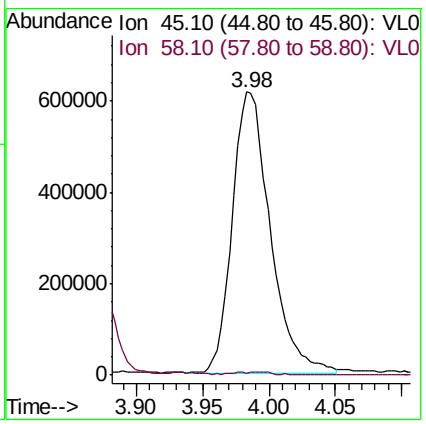


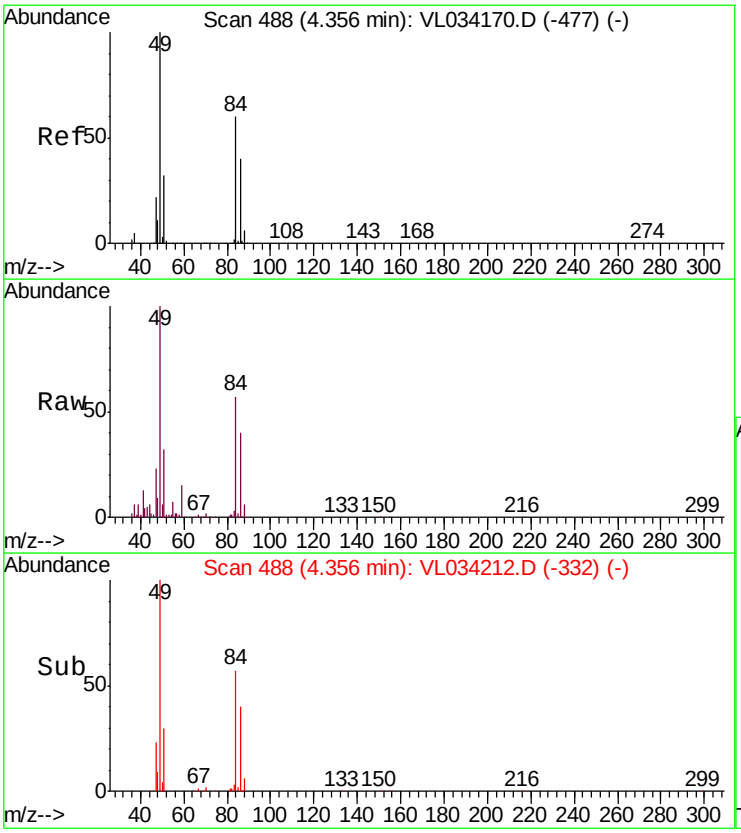
#19
Isopropyl Alcohol
Concen: 14.782 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 45 Resp: 1223255

Ion	Ratio	Lower	Upper
45	100		
58	170.2	1.4	2.0#

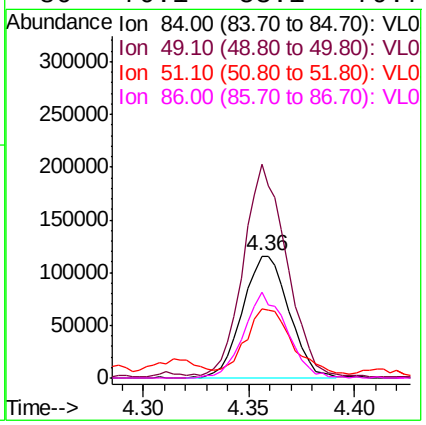


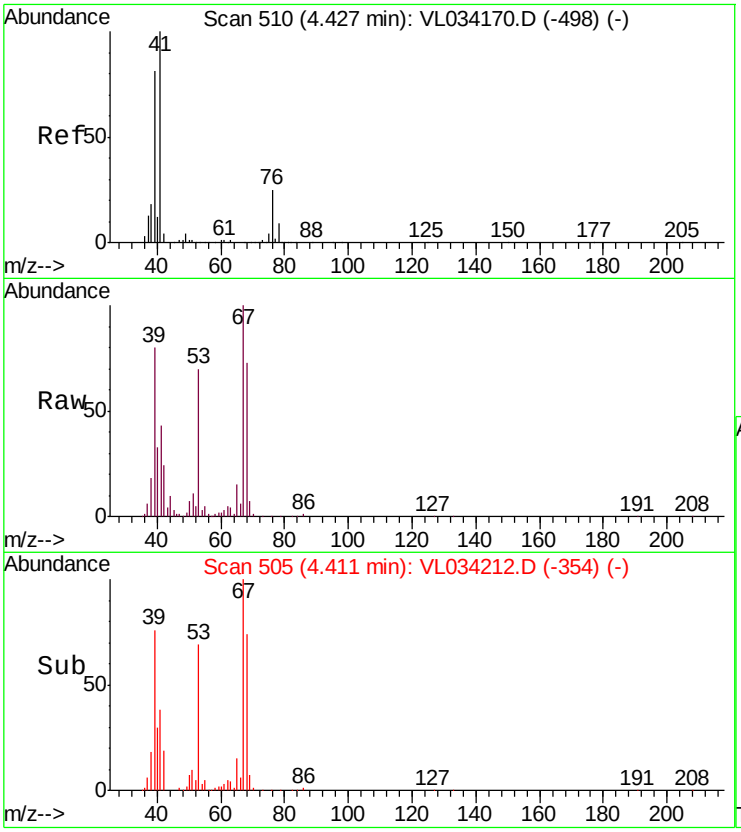


#20
Methylene Chloride
Concen: 4.568 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 84 Resp: 177222

Ion	Ratio	Lower	Upper
84	100		
49	173.5	133.8	200.8
51	52.9	43.6	65.4
86	70.1	53.1	79.7



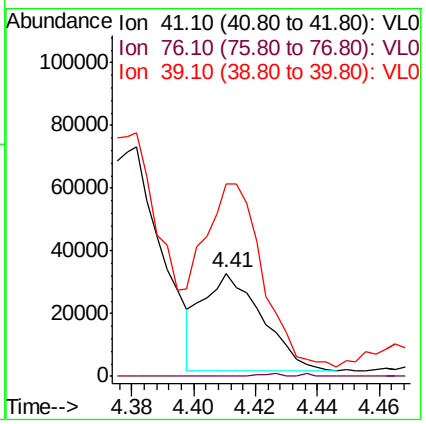


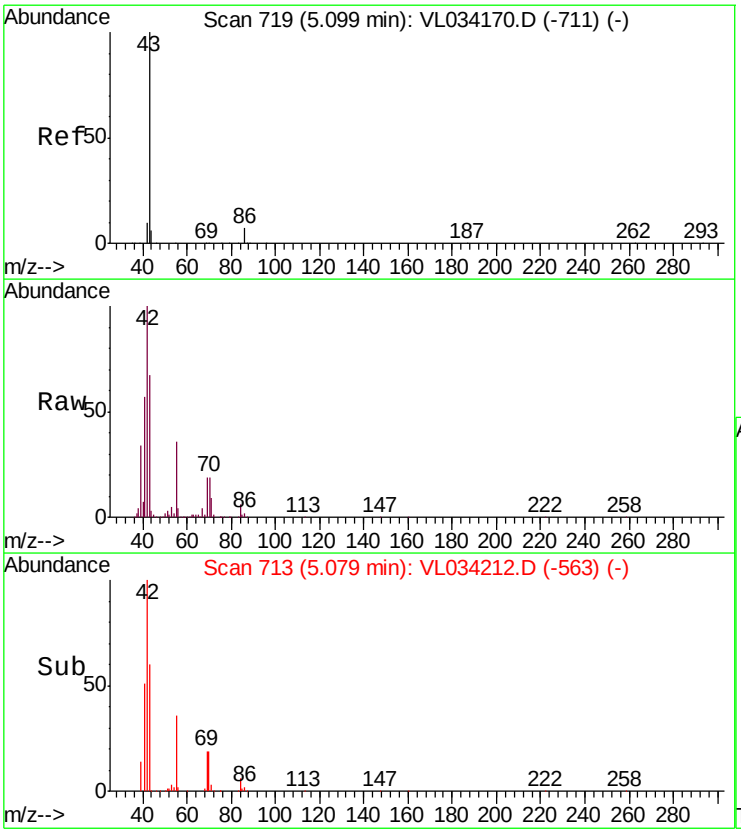
#21
Allyl Chloride
Concen: 0.543 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.02 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 41 Resp: 41279

Ion	Ratio	Lower	Upper
41	100		
76	0.0	21.8	32.6#
39	186.7	64.8	97.2#

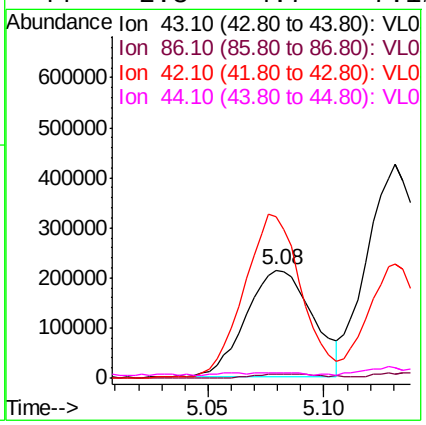


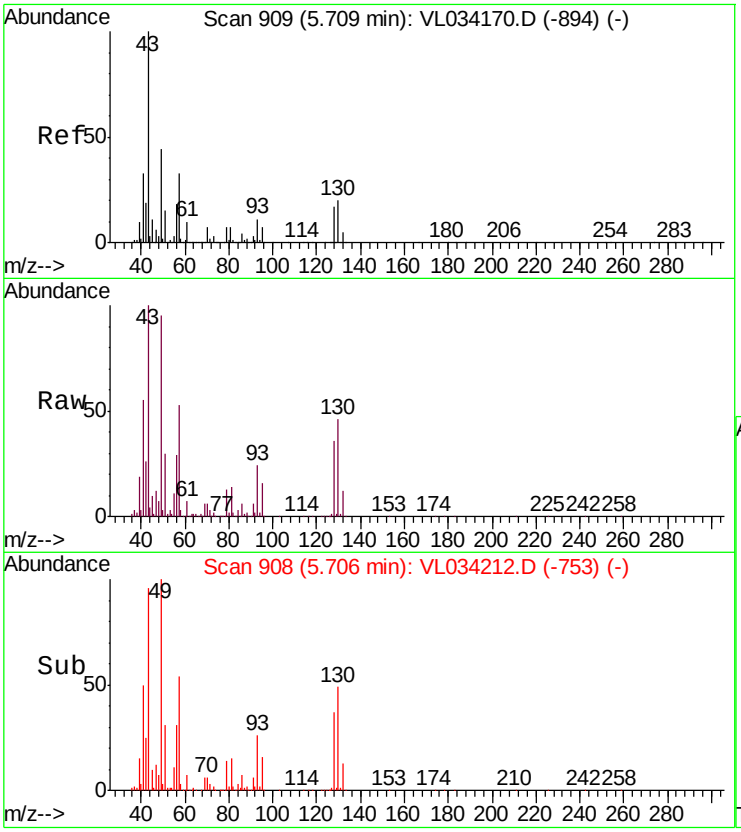


#23
Vinyl Acetate
Concen: 2.120 ppbv
RT: 5.08 min Scan# 713
Delta R.T. -0.02 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 43 Resp: 420454

Ion	Ratio	Lower	Upper
43	100		
86	3.8	5.1	7.7#
42	150.7	8.6	12.8#
44	2.3	4.7	7.1#



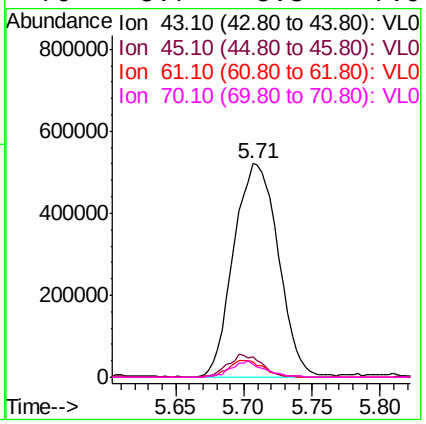


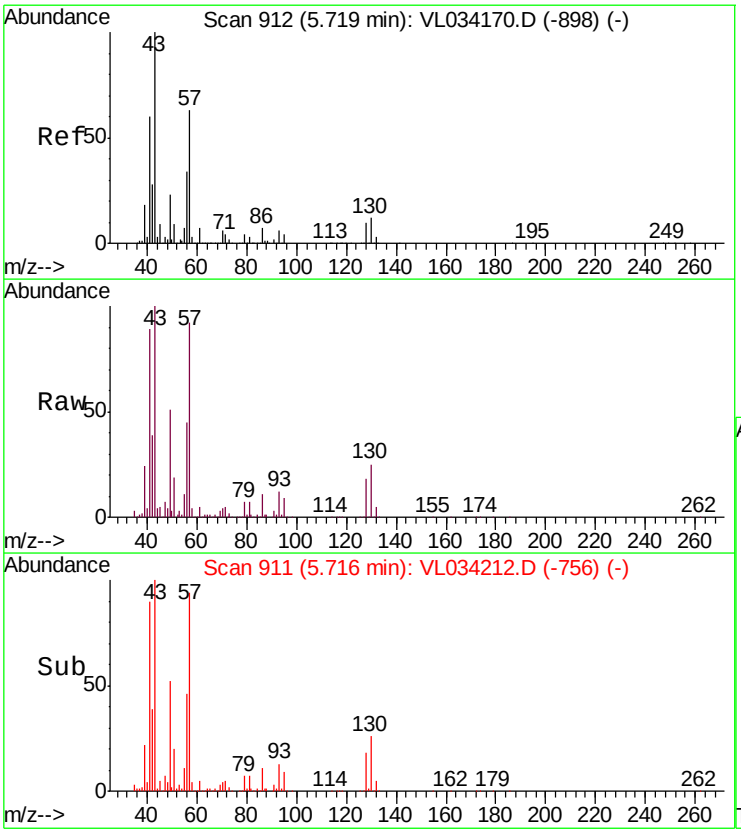
#25
Ethyl Acetate
Concen: 4.653 ppbv
RT: 5.71 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 43 Resp: 1184207

Ion	Ratio	Lower	Upper
43	100		
45	8.3	8.4	12.6#
61	6.5	7.2	10.8#
70	5.7	5.3	7.9

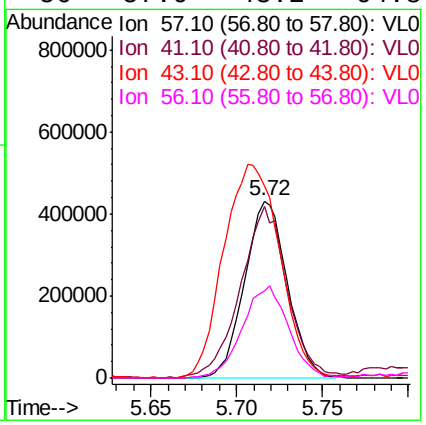


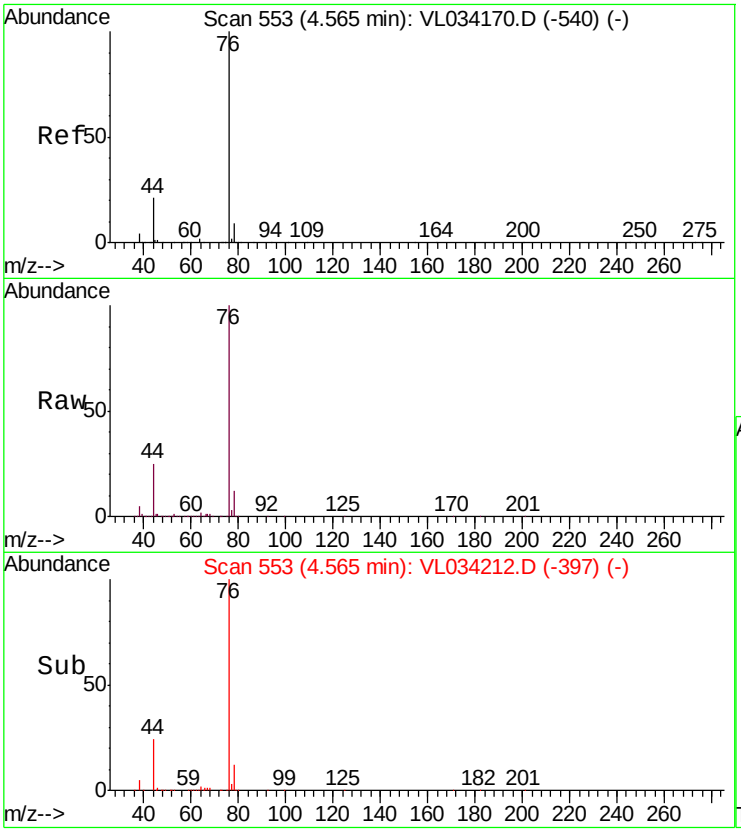


#26
Hexane
Concen: 7.007 ppbv
RT: 5.72 min Scan# 911
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 57 Resp: 741749

Ion	Ratio	Lower	Upper
57	100		
41	105.9	78.5	117.7
43	158.5	189.5	284.3#
56	57.0	43.2	64.8



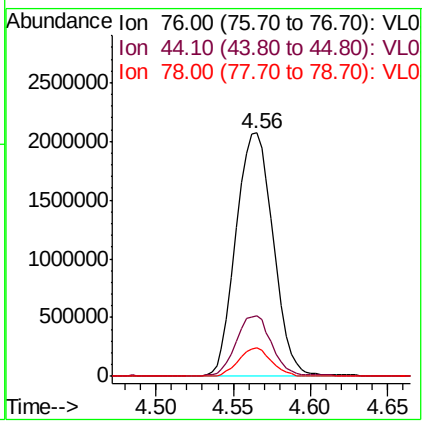


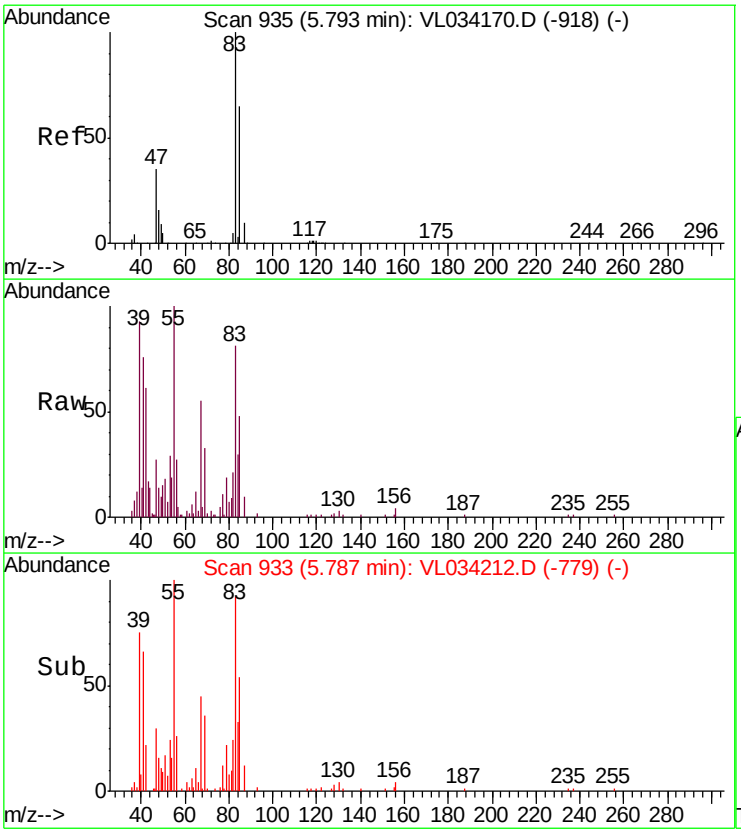
#27
Carbon Disulfide
Concen: 35.686 ppbv
RT: 4.56 min Scan# 553
Delta R.T. 0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 76 Resp: 3484036

Ion	Ratio	Lower	Upper
76	100		
44	23.4	17.6	26.4
78	10.5	7.6	11.4

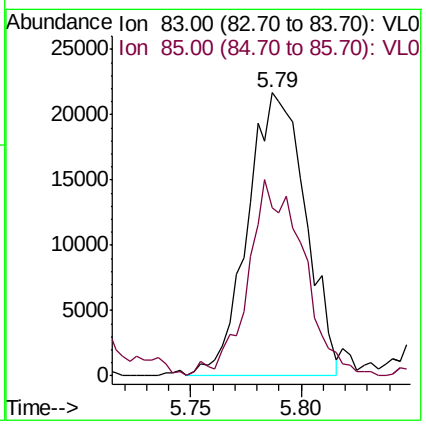


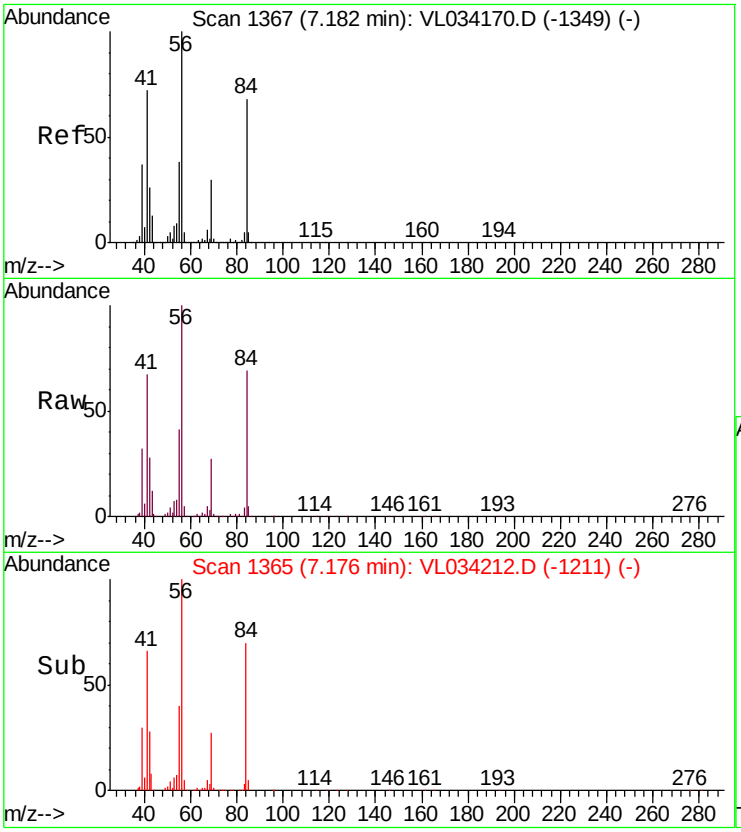


#29
Chloroform
Concen: 0.261 ppbv
RT: 5.79 min Scan# 933
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 83 Resp: 39518

Ion	Ratio	Lower	Upper
83	100		
85	59.4	52.3	78.5



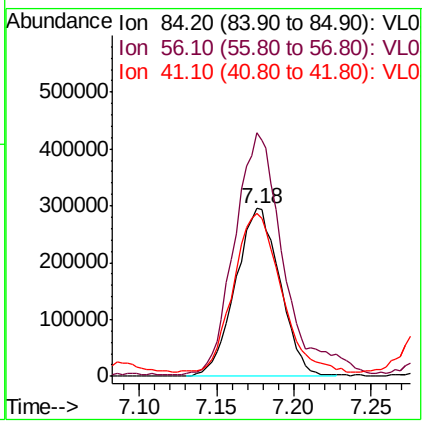


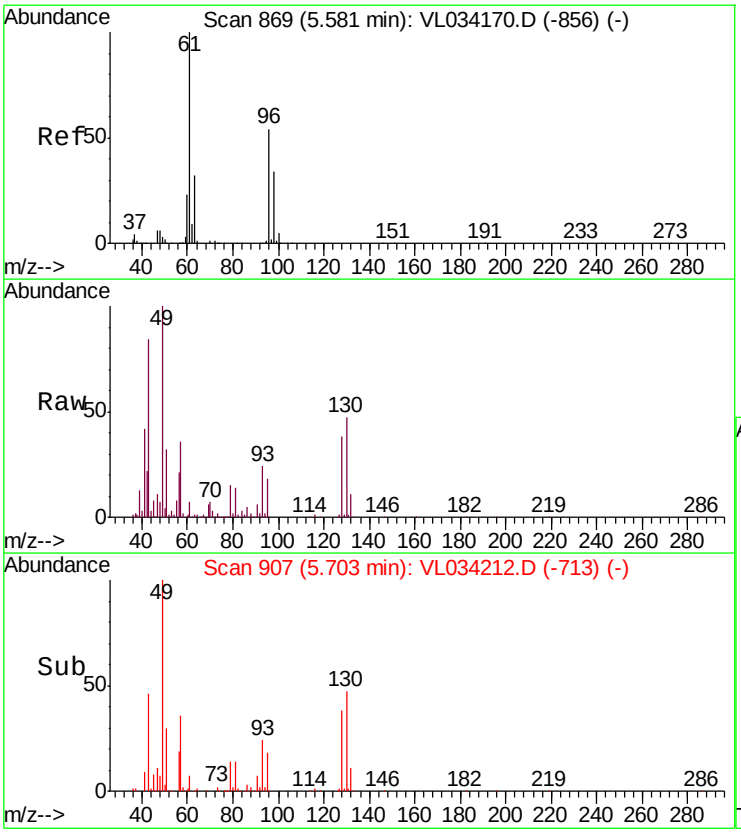
#30
Cyclohexane
Concen: 7.676 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 84 Resp: 586635

Ion	Ratio	Lower	Upper
84	100		
56	161.2	126.2	189.2
41	107.1	85.8	128.8

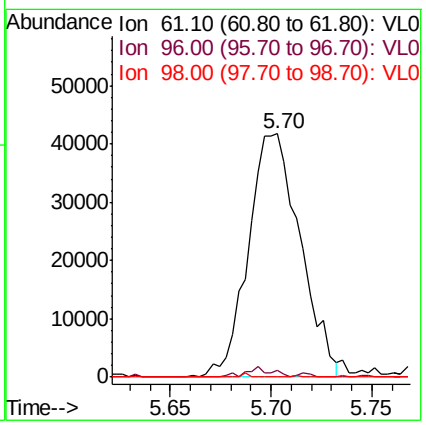


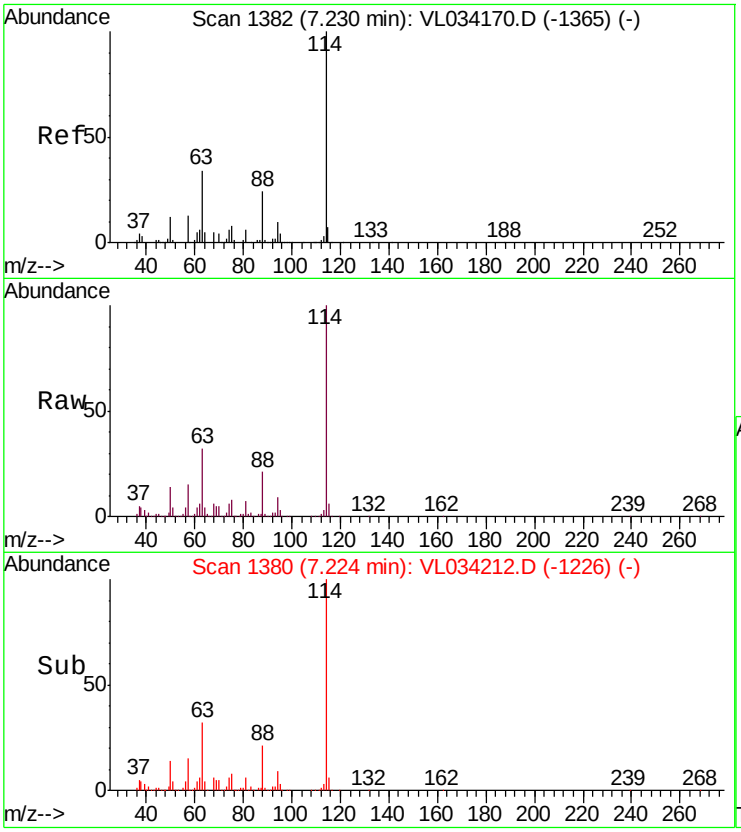


#31
cis-1,2-Dichloroethene
Concen: 0.694 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.12 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 61 Resp: 74856

Ion	Ratio	Lower	Upper
61	100		
96	2.9	43.0	64.4#
98	0.0	27.2	40.8#



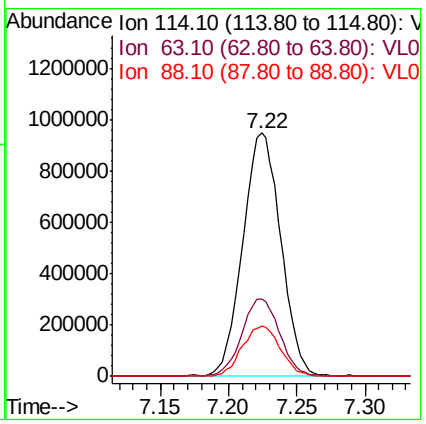


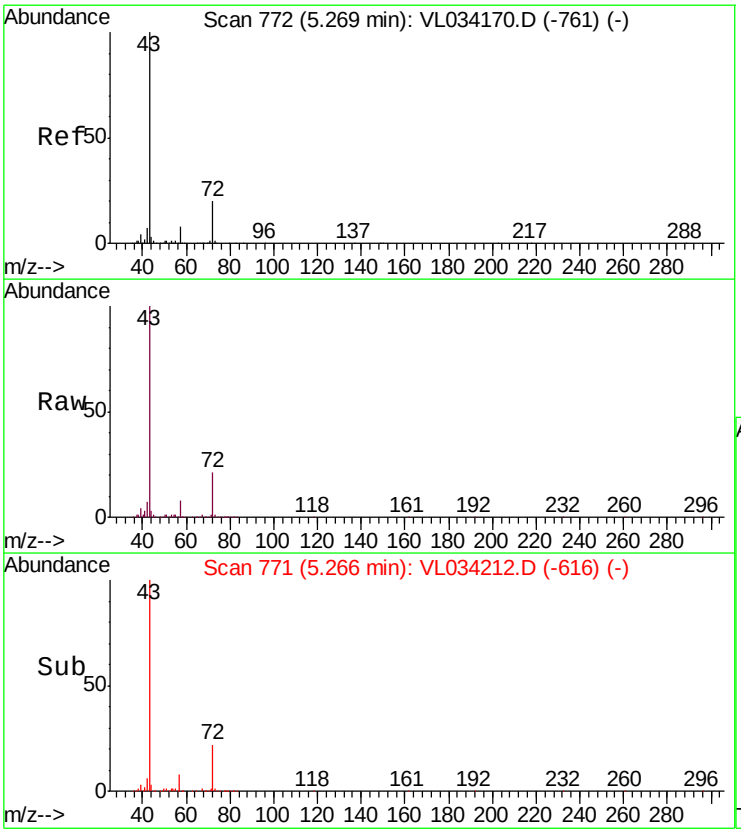
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:114 Resp: 1838754

Ion	Ratio	Lower	Upper
114	100		
63	32.2	27.8	41.6
88	20.8	17.1	25.7

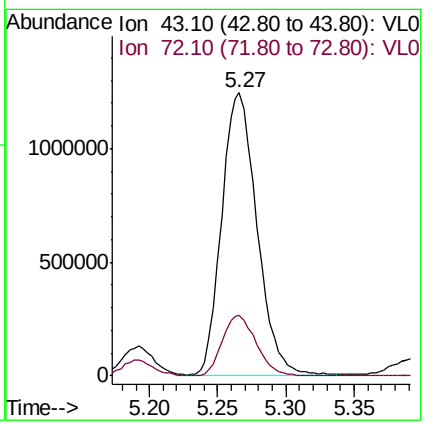


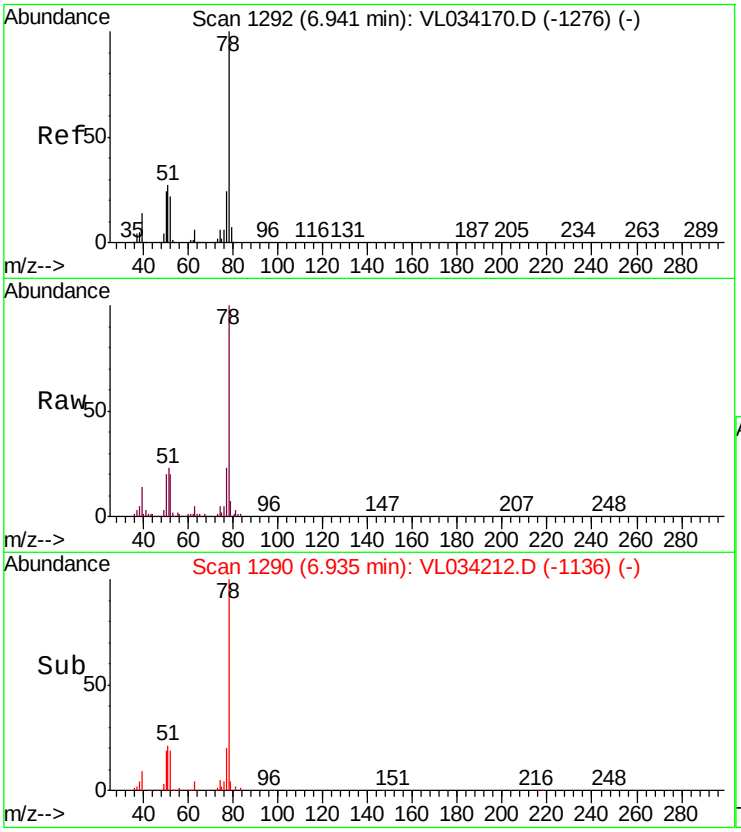


#34
2-Butanone
Concen: 11.844 ppbv
RT: 5.27 min Scan# 771
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 43 Resp: 2223683

Ion	Ratio	Lower	Upper
43	100		
72	20.9	15.0	22.6



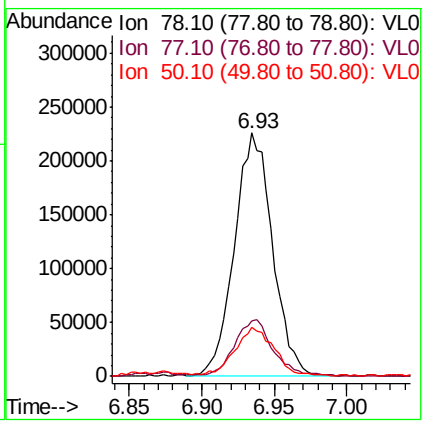


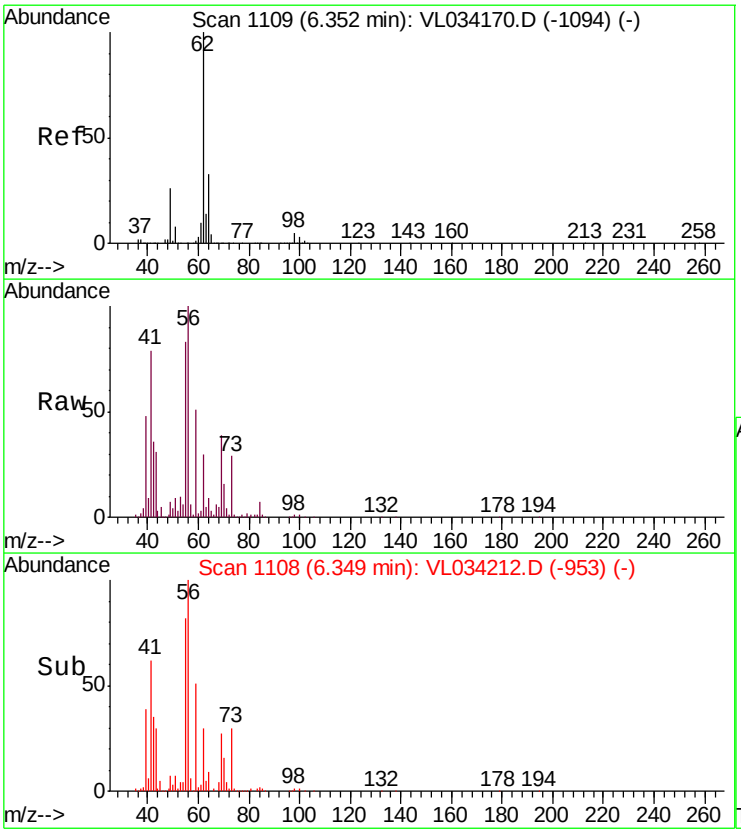
#36
Benzene
Concen: 2.021 ppbv
RT: 6.93 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 78 Resp: 410391

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4
50	19.8	18.9	28.3

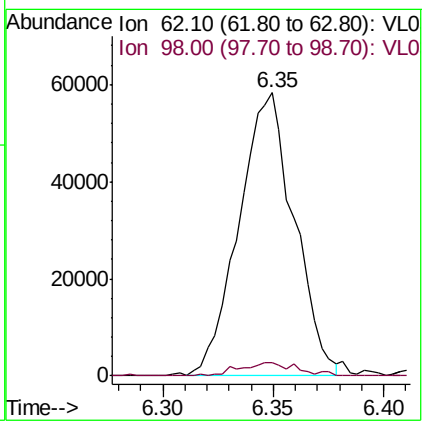


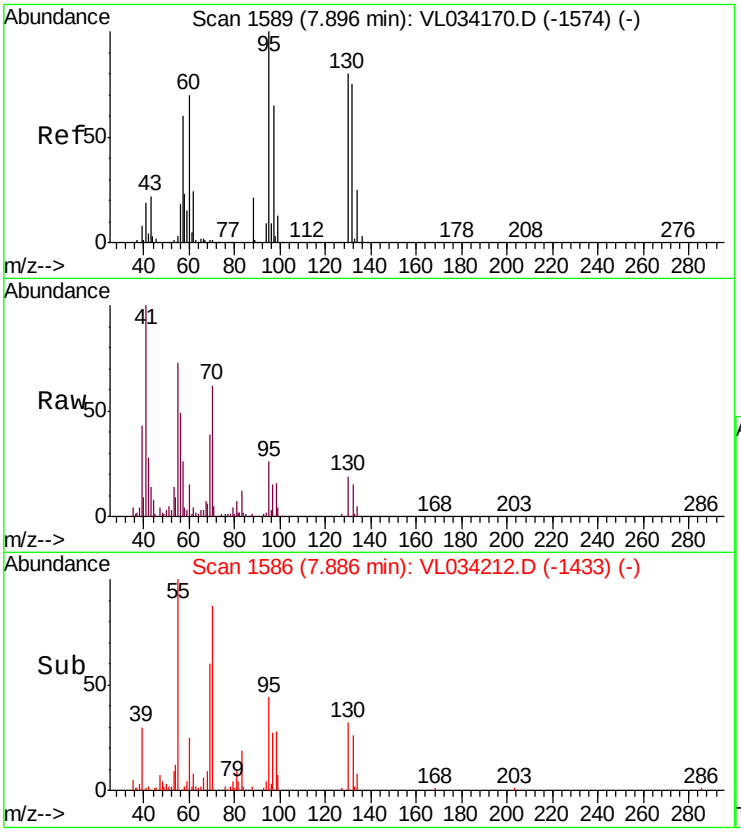


#37
1,2-Dichloroethane
Concen: 0.698 ppbv
RT: 6.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 62 Resp: 100808

Ion	Ratio	Lower	Upper
62	100		
98	5.1	3.8	5.8



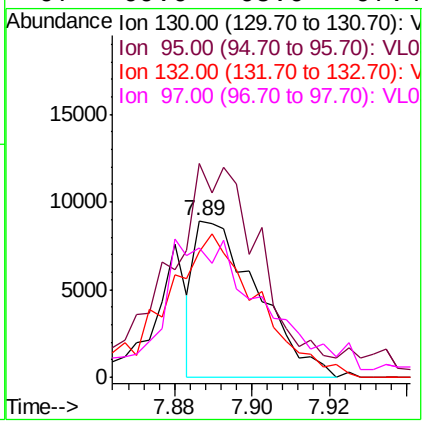


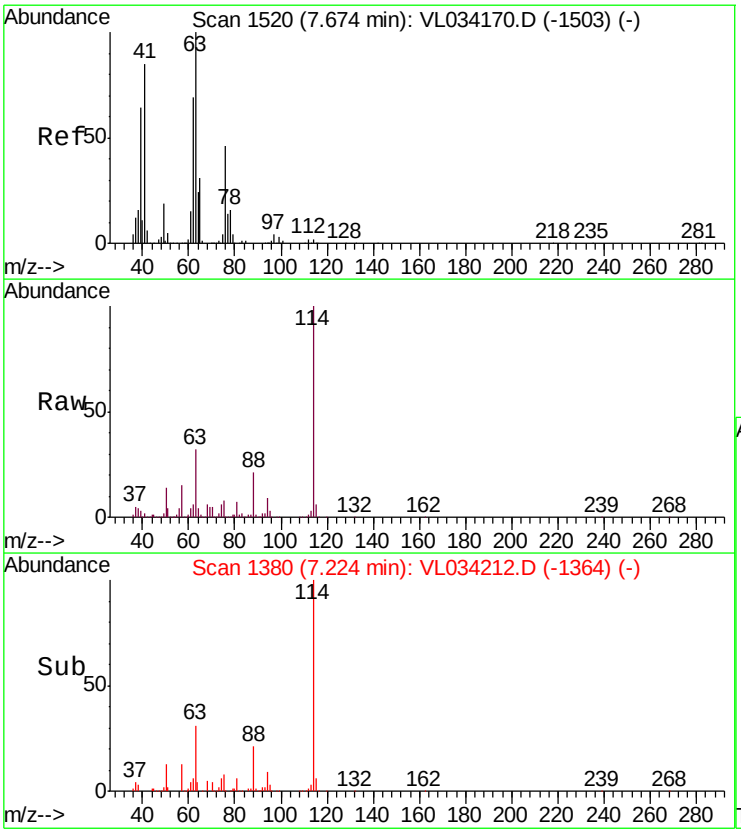
#38
Trichloroethene
Concen: 0.138 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion:130 Resp: 10018

Ion	Ratio	Lower	Upper
130	100		
95	123.7	99.8	149.6
132	77.9	75.2	112.8
97	69.0	65.0	97.4

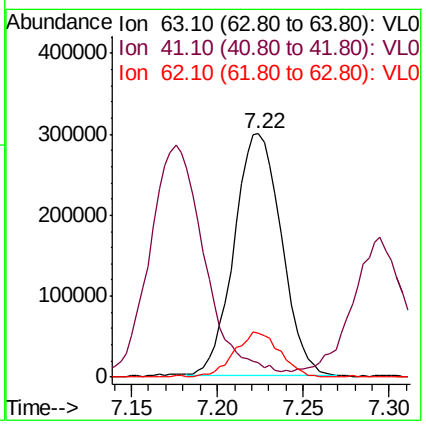


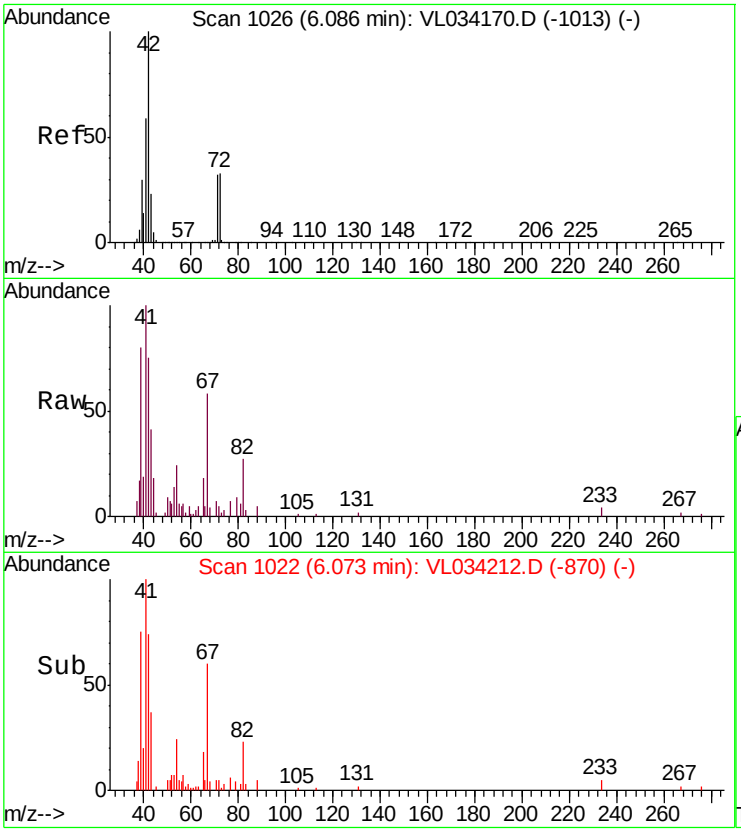


#39
1,2-Dichloropropane
Concen: 6.251 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.45 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 63 Resp: 570357

Ion	Ratio	Lower	Upper
63	100		
41	0.0	68.4	102.6#
62	18.4	55.4	83.2#



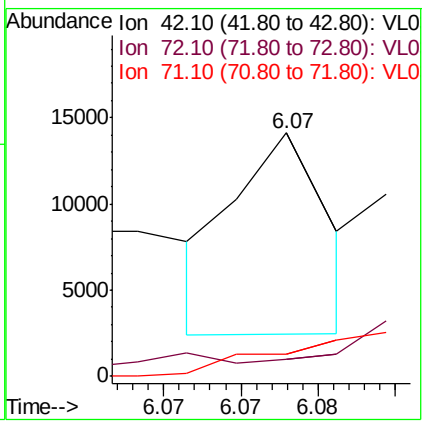


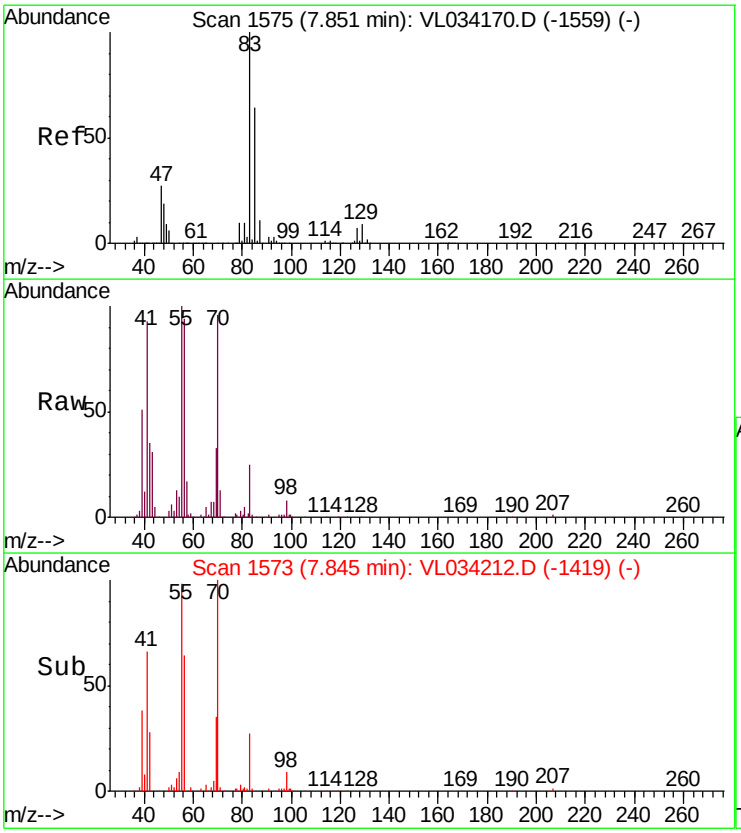
#41
Tetrahydrofuran
Concen: 0.046 ppbv
RT: 6.07 min Scan# 1022
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 42 Resp: 4916

Ion	Ratio	Lower	Upper
42	100		
72	0.0	26.6	40.0#
71	0.0	25.1	37.7#

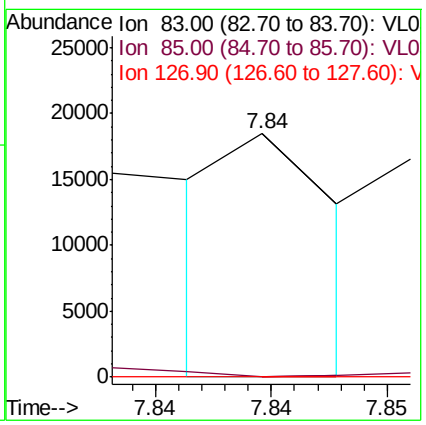


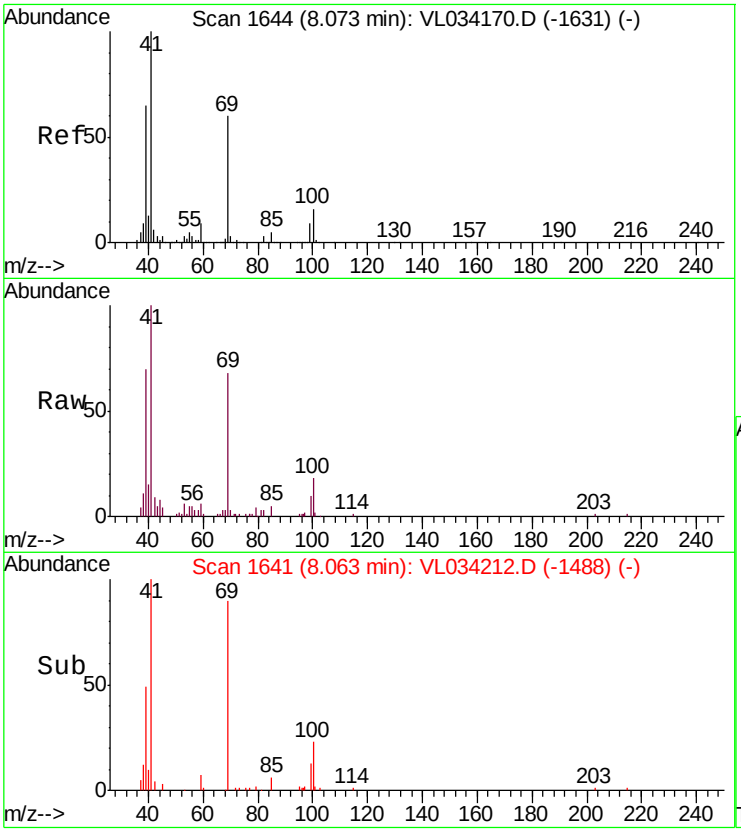


#42
Bromodichloromethane
Concen: 0.035 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 83 Resp: 6096

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.4	77.0#
127	0.0	5.5	8.3#



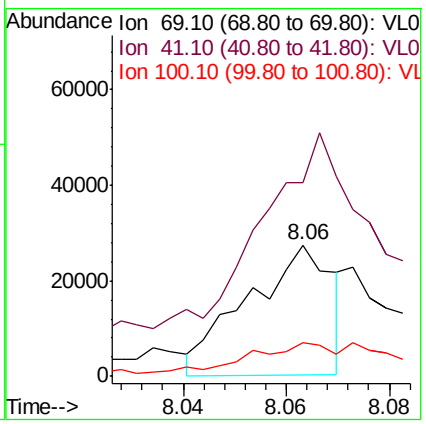


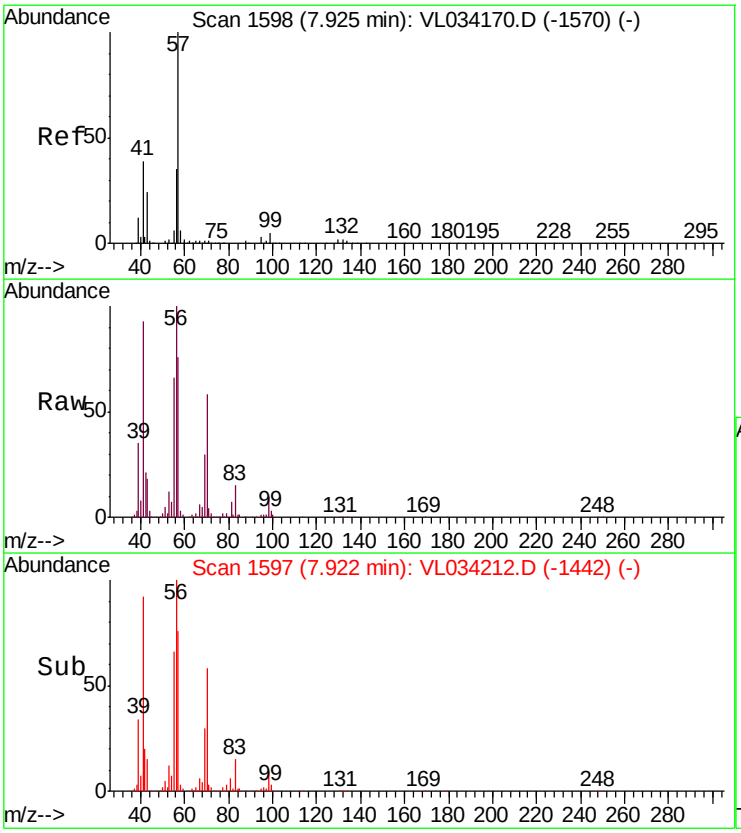
#43
Methyl Methacrylate
Concen: 0.370 ppbv
RT: 8.06 min Scan# 1641
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion: 69 Resp: 31010

Ion	Ratio	Lower	Upper
69	100		
41	403.7	140.4	210.6#
100	43.8	21.9	32.9#

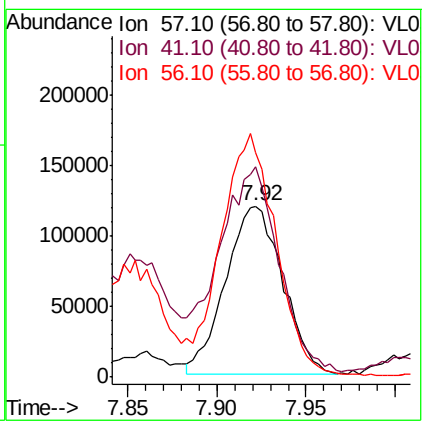


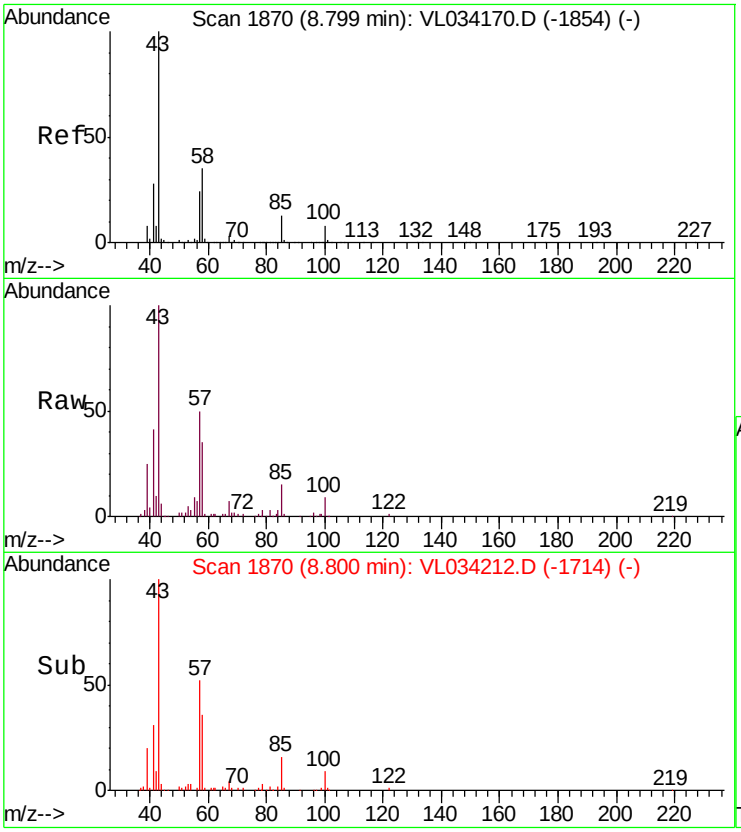


#44
2,2,4-Trimethylpentane
Concen: 0.679 ppbv
RT: 7.92 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 57 Resp: 265488

Ion	Ratio	Lower	Upper
57	100		
41	137.9	29.8	44.6#
56	141.0	25.9	38.9#



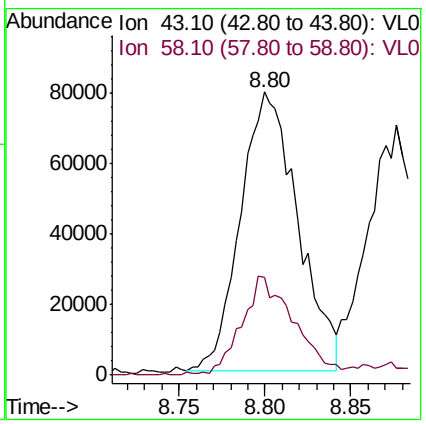


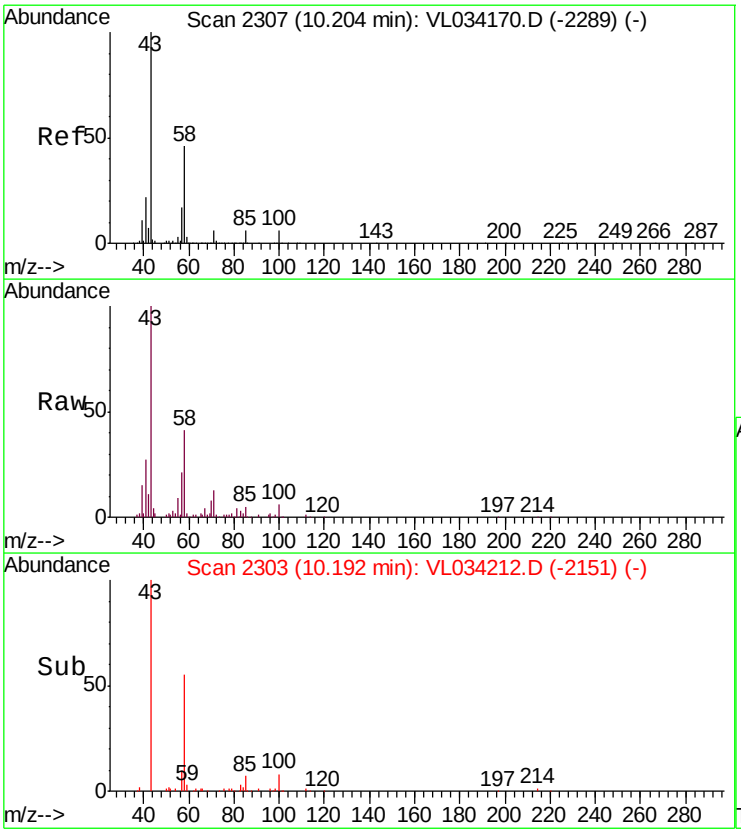
#50
4-Methyl-2-Pentanone
Concen: 0.668 ppbv
RT: 8.80 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 43 Resp: 182564

Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.6	41.4

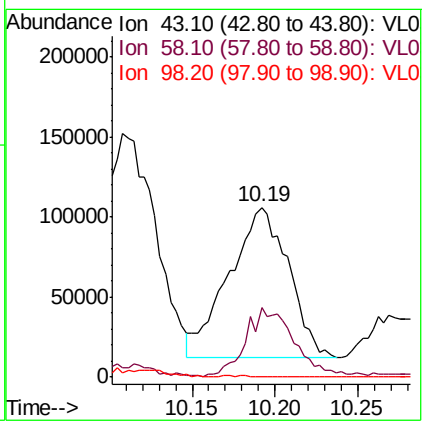


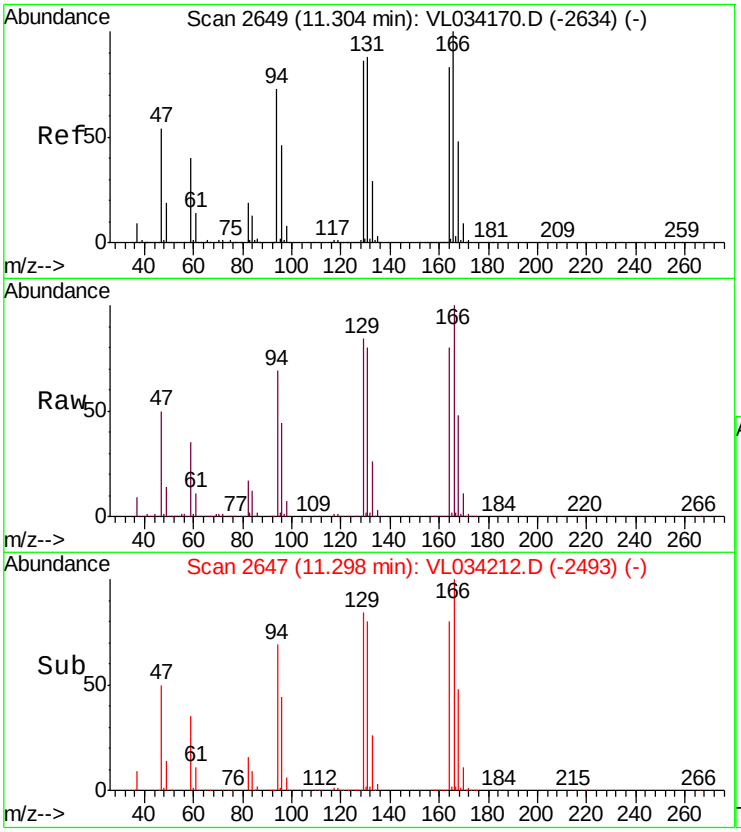


#51
2-Hexanone
Concen: 1.013 ppbv
RT: 10.19 min Scan# 2303
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 43 Resp: 232347

Ion	Ratio	Lower	Upper
43	100		
58	37.7	36.2	54.4
98	0.6	0.2	0.2#



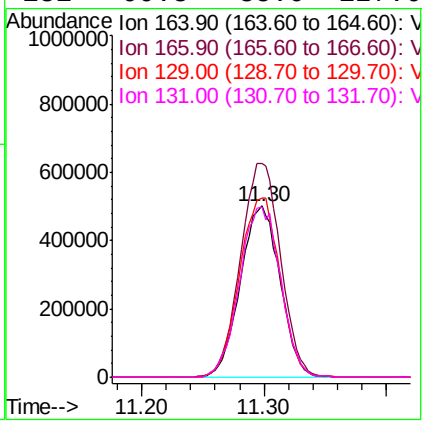


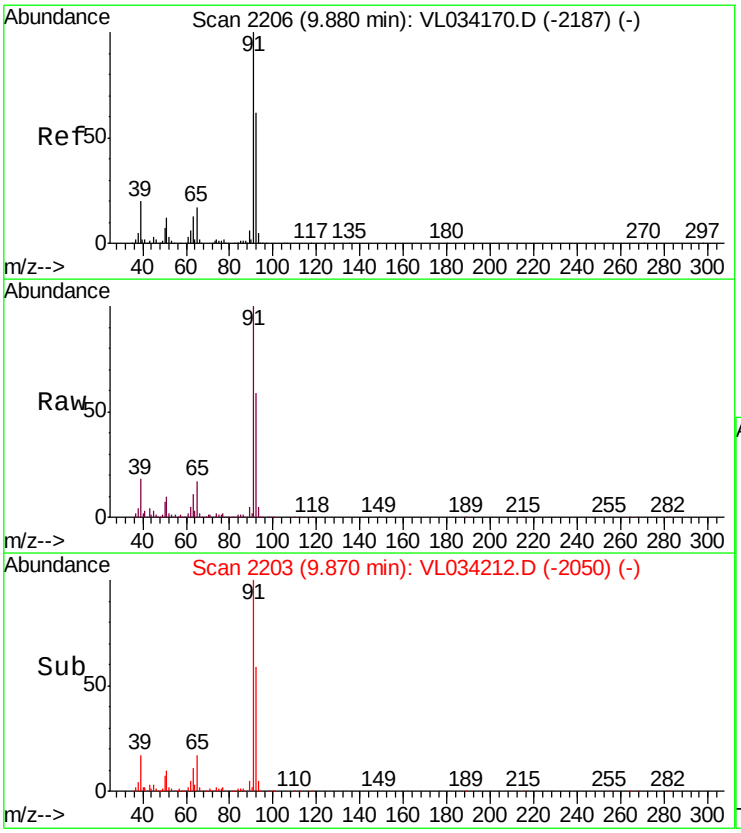
#52
Tetrachloroethene
Concen: 16.791 ppbv
RT: 11.30 min Scan# 2647
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:164 Resp: 1126584

Ion	Ratio	Lower	Upper
164	100		
166	124.7	96.7	145.1
129	104.6	82.8	124.2
131	99.8	85.0	127.6

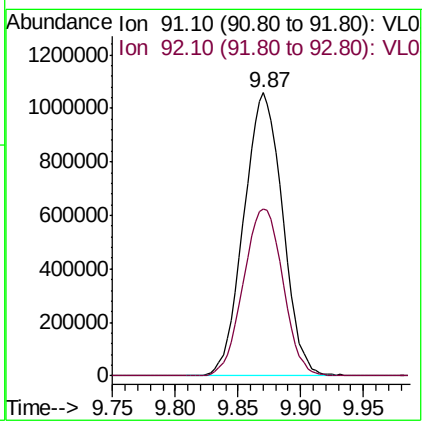


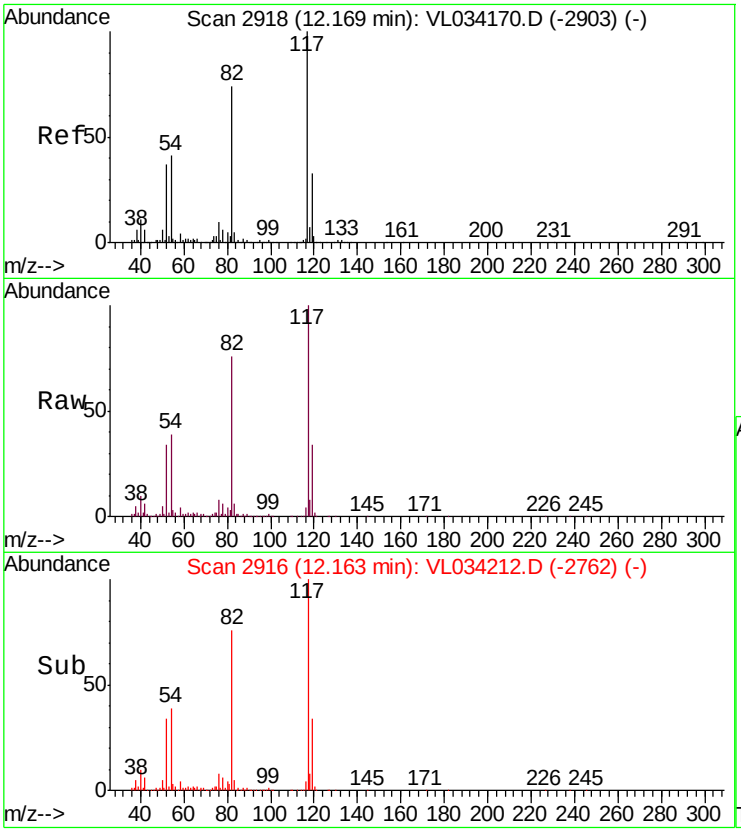


#53
Toluene
Concen: 10.274 ppbv
RT: 9.87 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 91 Resp: 2280190

Ion	Ratio	Lower	Upper
91	100		
92	60.1	49.0	73.6



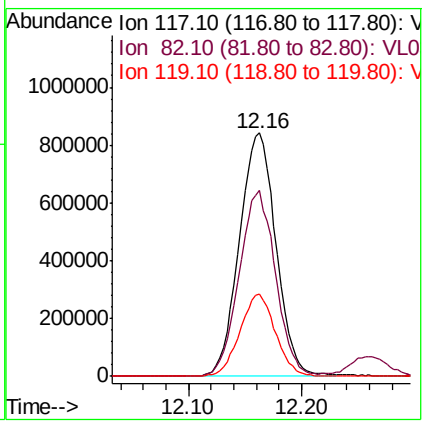


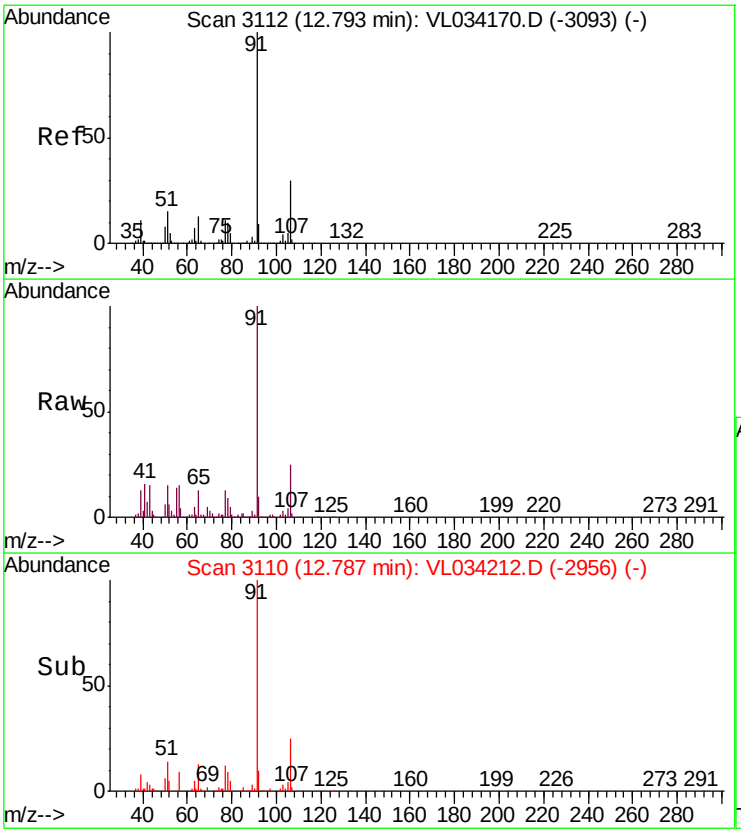
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument : MSVOA_L
ClientSampleId : SV-2

Tgt Ion:117 Resp: 1896259

Ion	Ratio	Lower	Upper
117	100		
82	75.9	58.2	87.4
119	32.8	23.7	35.5

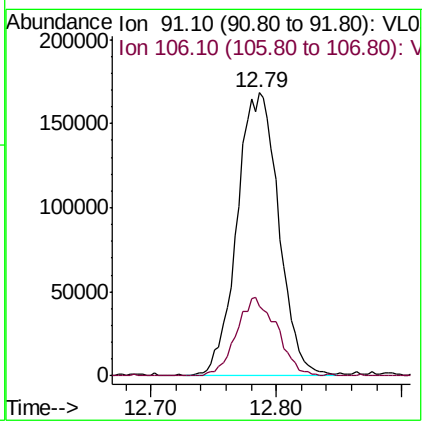


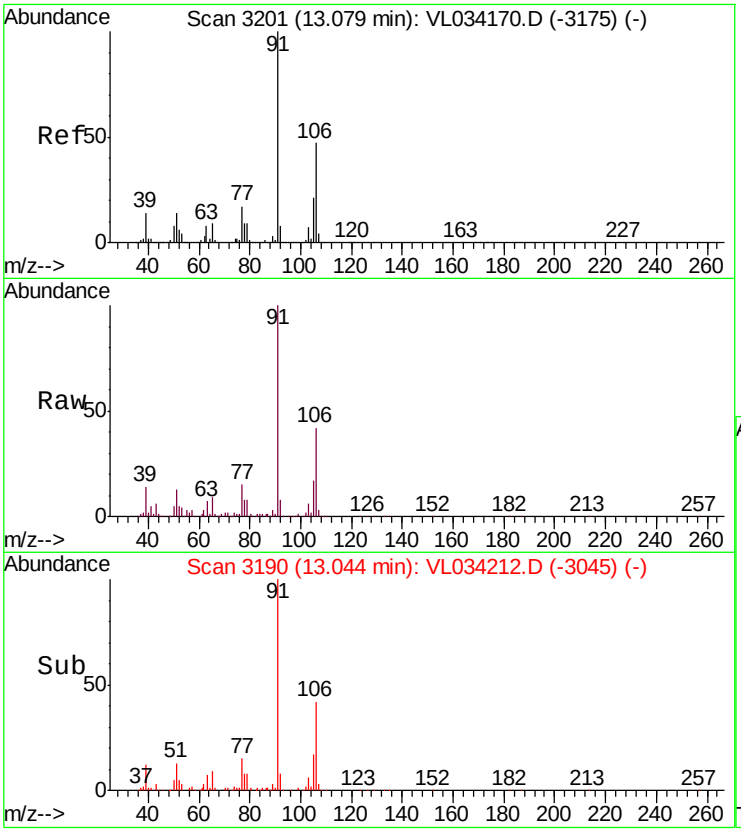


#58
Ethyl Benzene
Concen: 1.260 ppbv
RT: 12.79 min Scan# 3110
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 91 Resp: 385552

Ion	Ratio	Lower	Upper
91	100		
106	24.7	24.2	36.4



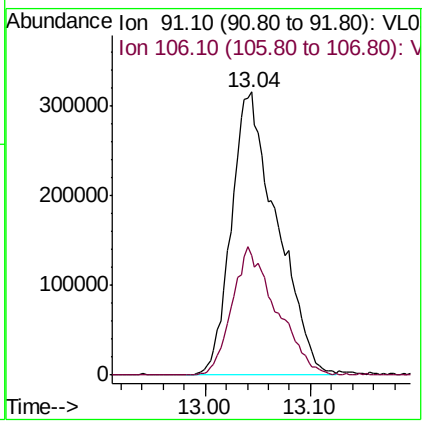


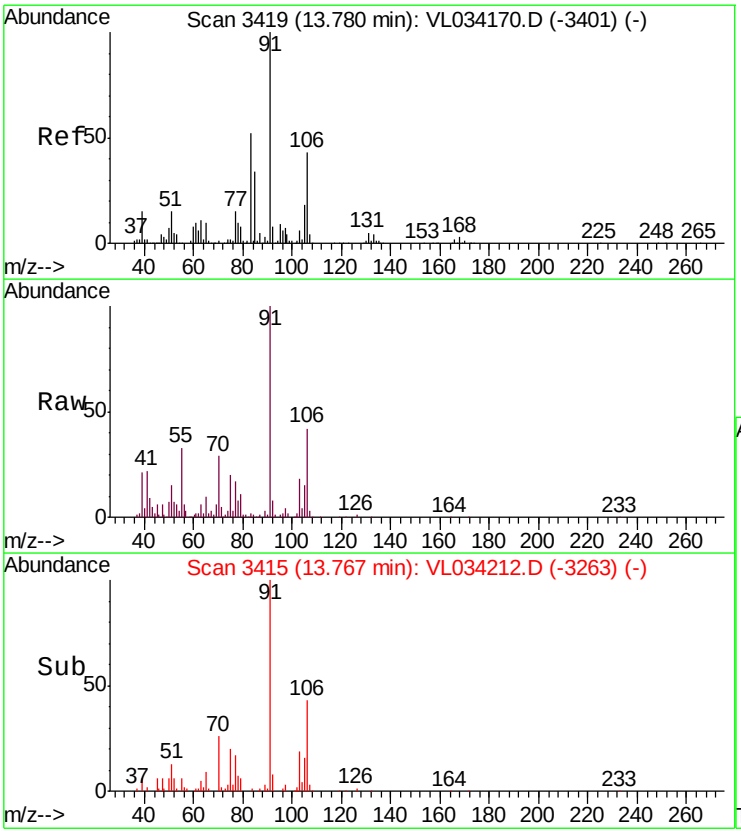
#59
m/p-Xylene
Concen: 3.722 ppbv
RT: 13.04 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 91 Resp: 943270

Ion	Ratio	Lower	Upper
91	100		
106	44.3	35.5	53.3

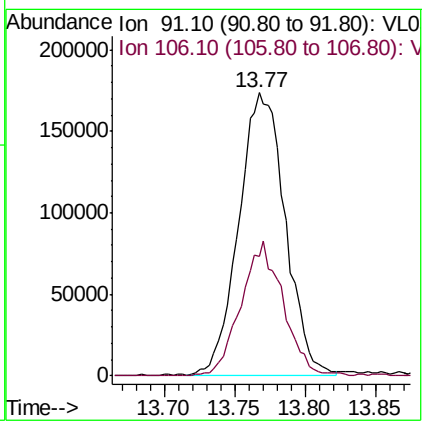


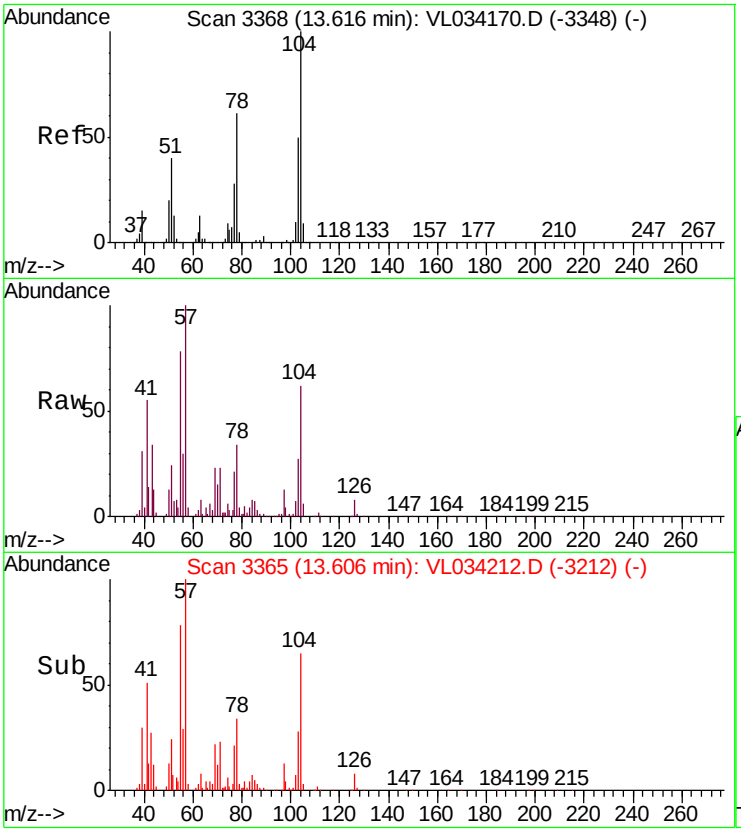


#60
o-Xylene
Concen: 1.578 ppbv
RT: 13.77 min Scan# 3415
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 91 Resp: 399827

Ion	Ratio	Lower	Upper
91	100		
106	43.5	21.2	63.6



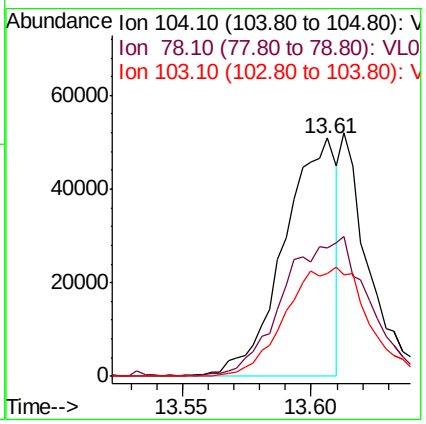


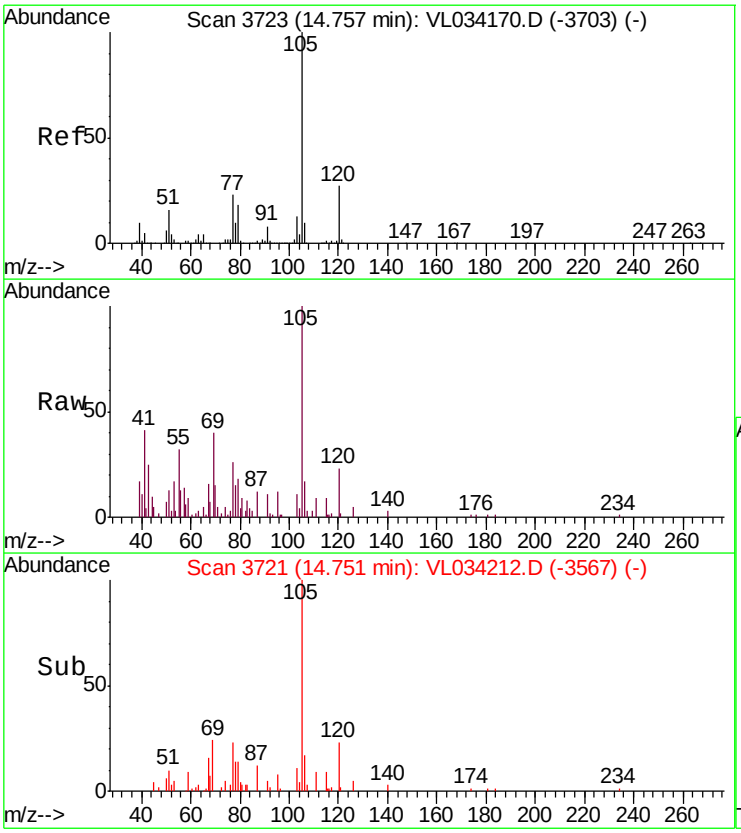
#61
Styrene
Concen: 0.394 ppbv
RT: 13.61 min Scan# 3365
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:104 Resp: 71571

Ion	Ratio	Lower	Upper
104	100		
78	0.0	49.7	74.5#
103	0.0	38.4	57.6#

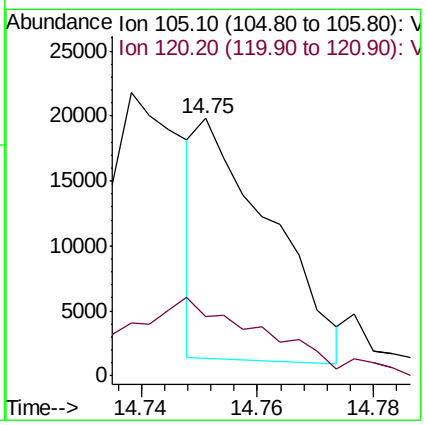


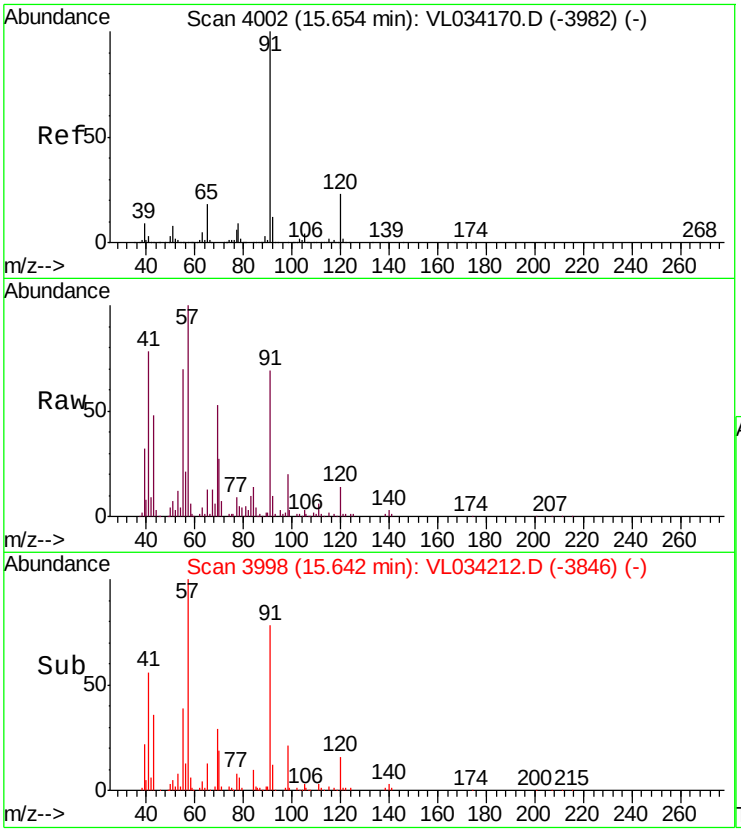


#62
Isopropylbenzene
Concen: 0.049 ppbv
RT: 14.75 min Scan# 3721
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion:105 Resp: 16034

Ion	Ratio	Lower	Upper
105	100		
120	80.1	20.7	31.1#



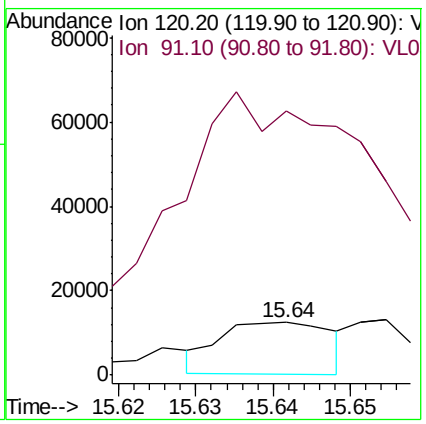


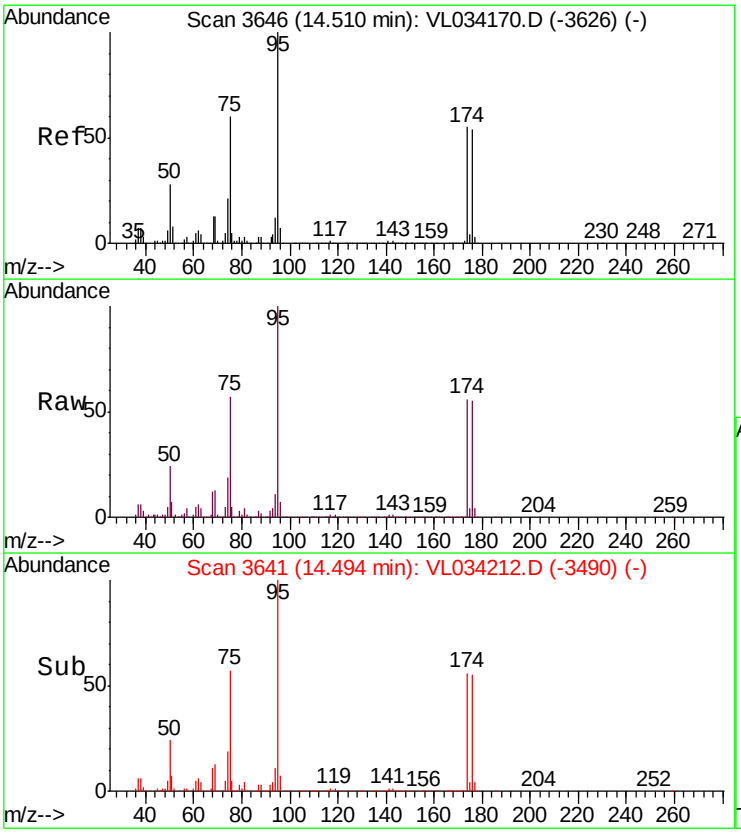
#64
n-propylbenzene
Concen: 0.149 ppbv
RT: 15.64 min Scan# 3998
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:120 Resp: 12393

Ion	Ratio	Lower	Upper
120	100		
91	1223.3	378.2	567.2#

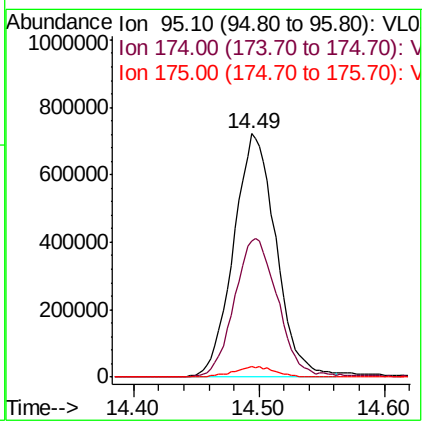


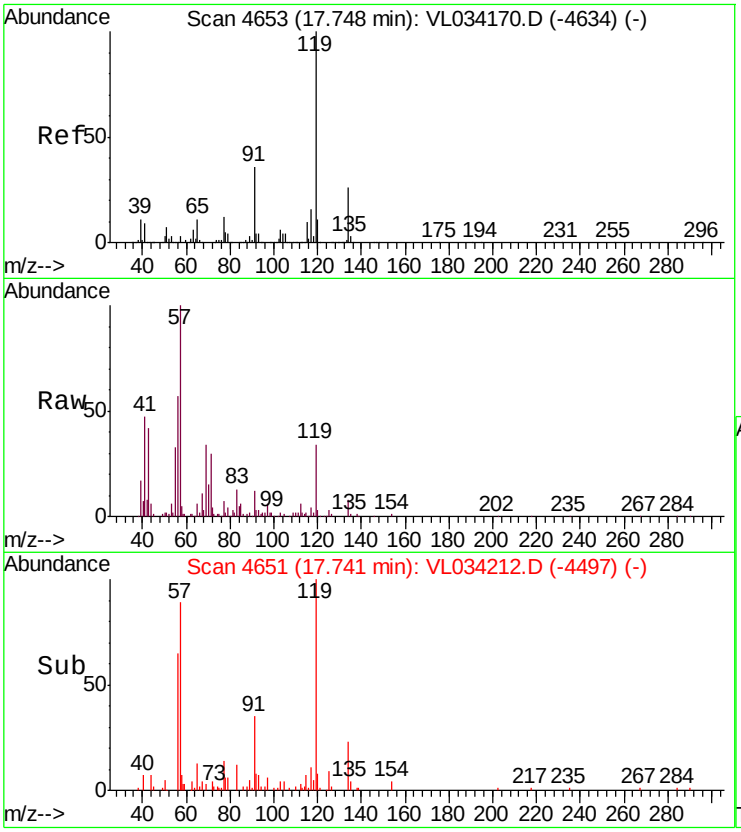


#68
1-Bromo-4-Fluorobenzene
Concen: 10.203 ppbv
RT: 14.49 min Scan# 3641
Delta R.T. -0.02 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 95 Resp: 1681099

Ion	Ratio	Lower	Upper
95	100		
174	59.5	45.1	67.7
175	4.3	3.3	4.9



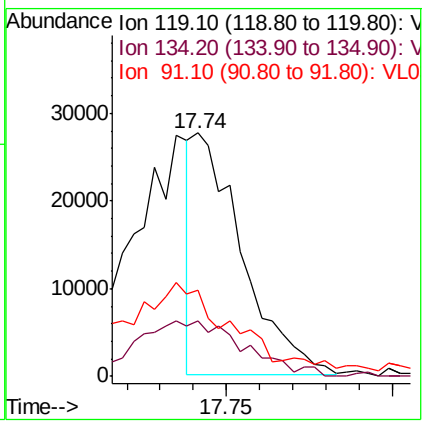


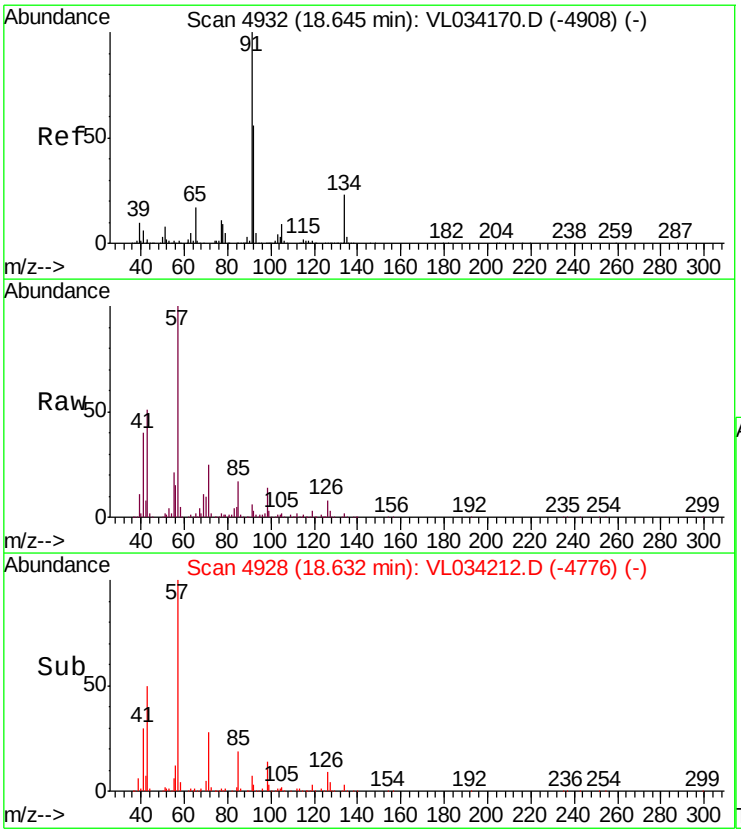
#69
p-Isopropyltoluene
Concen: 0.085 ppbv
RT: 17.74 min Scan# 4651
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:119 Resp: 28074

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	30.8#
91	0.0	27.6	41.4#

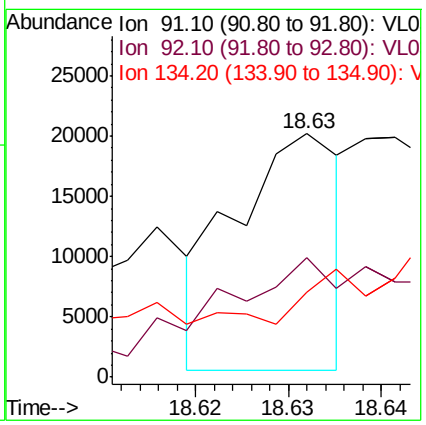


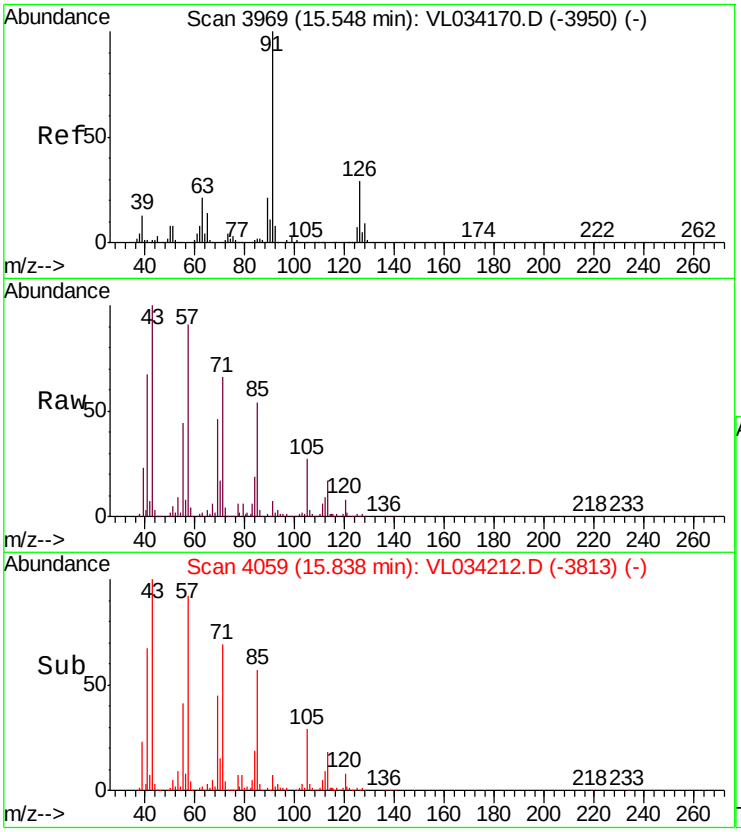


#70
n-Butylbenzene
Concen: 0.040 ppbv
RT: 18.63 min Scan# 4928
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion: 91 Resp: 15538

Ion	Ratio	Lower	Upper
91	100		
92	159.8	44.8	67.2#
134	0.0	17.3	25.9#



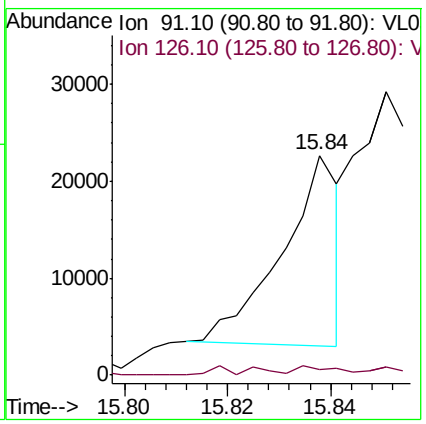


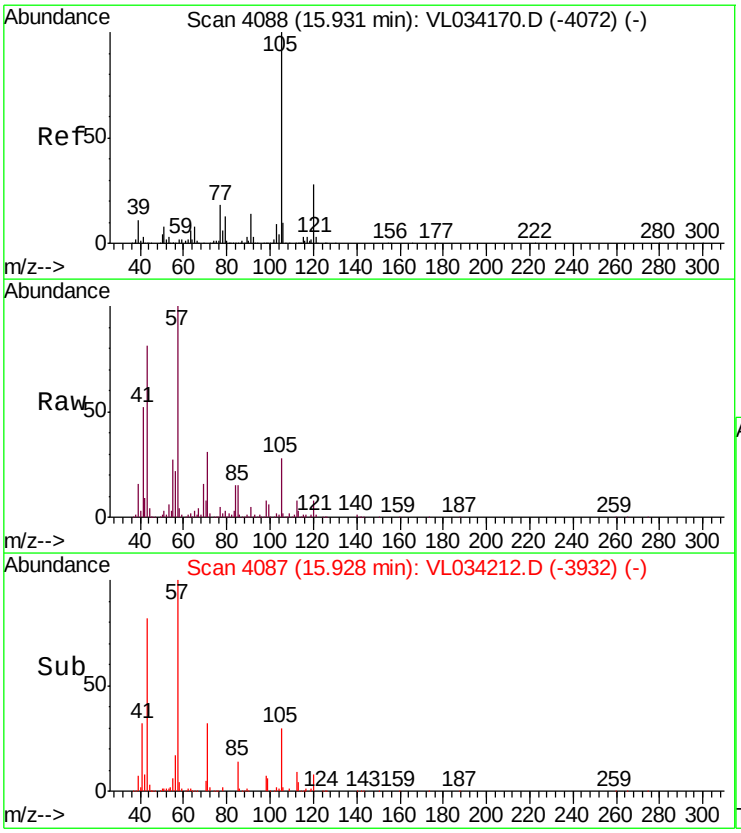
#71
2-Chlorotoluene
Concen: 0.056 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.29 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion: 91 Resp: 14880

Ion	Ratio	Lower	Upper
91	100		
126	12.0	11.2	45.0

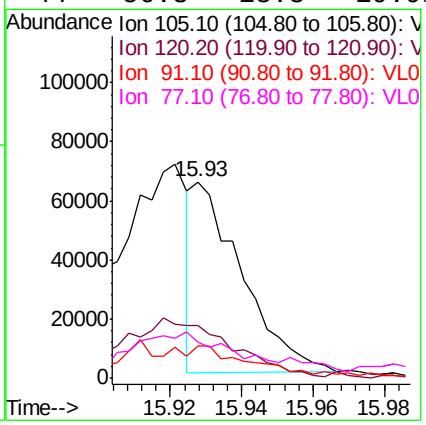


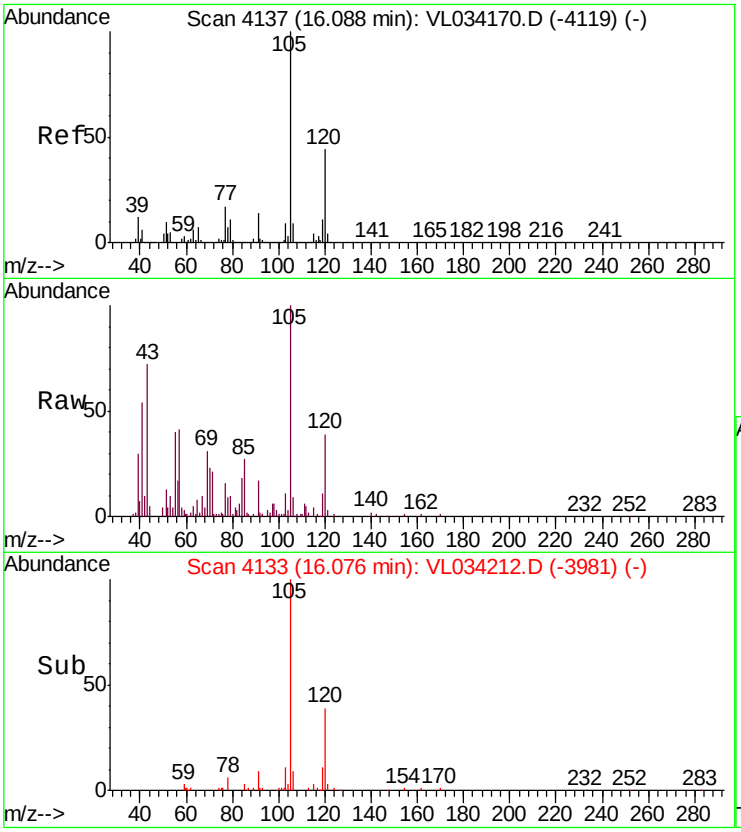


#72
4-Ethyltoluene
Concen: 0.213 ppbv
RT: 15.93 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion:105 Resp: 61047

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.3	34.9#
91	0.0	11.4	17.2#
77	56.3	13.3	19.9#



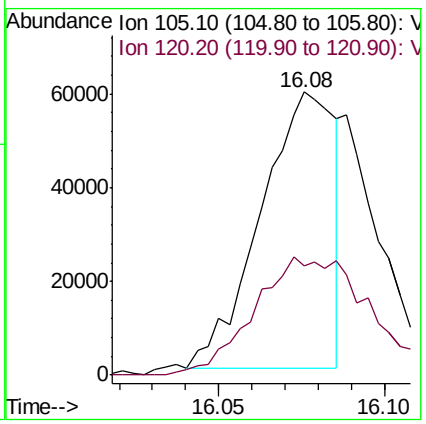


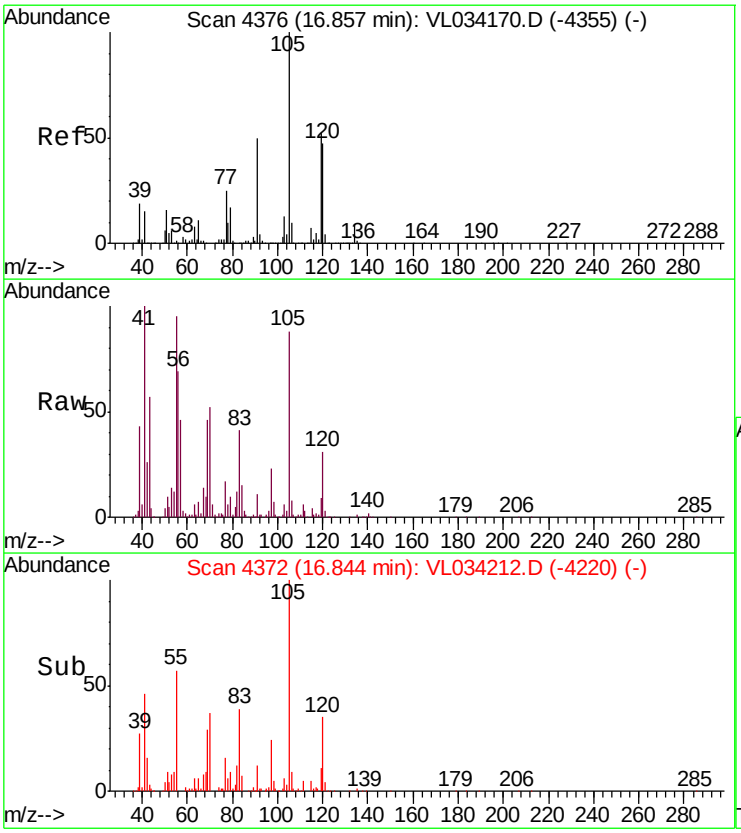
#73
1,3,5-Trimethylbenzene
Concen: 0.332 ppbv
RT: 16.08 min Scan# 4133
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:105 Resp: 91775

Ion	Ratio	Lower	Upper
105	100		
120	37.4	35.6	53.4

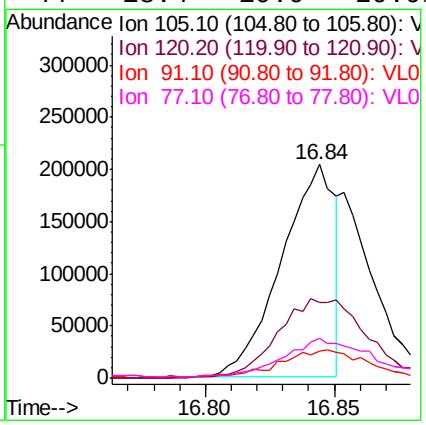


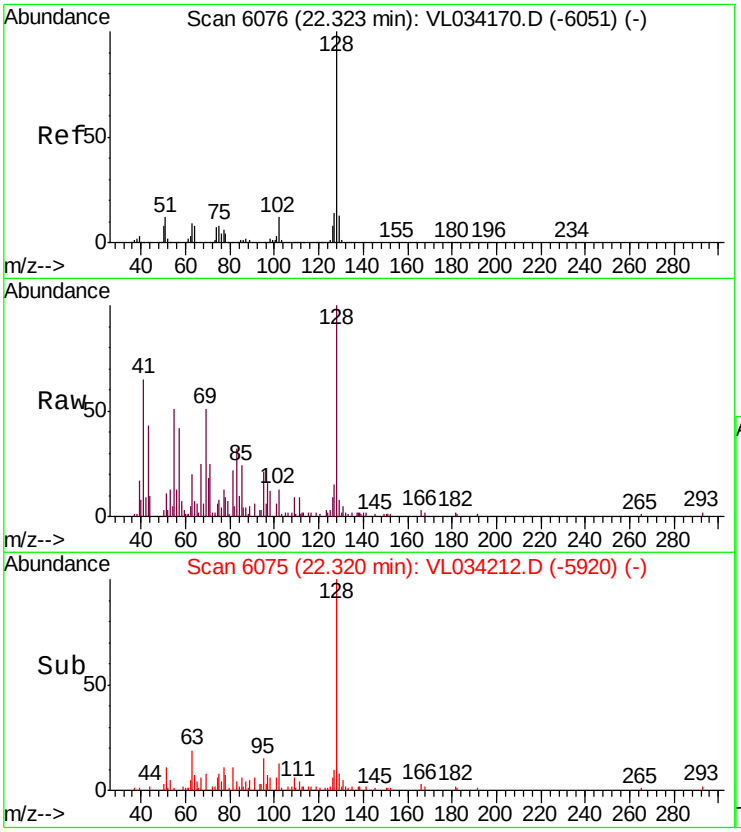


#74
1,2,4-Trimethylbenzene
Concen: 1.004 ppbv
RT: 16.84 min Scan# 4372
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion:105 Resp: 294905

Ion	Ratio	Lower	Upper
105	100		
120	35.1	37.5	56.3#
91	12.0	41.1	61.7#
77	18.4	19.9	29.9#



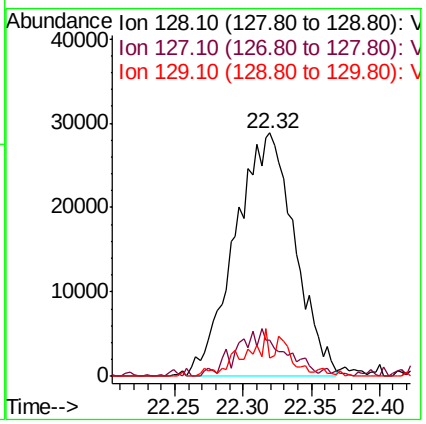


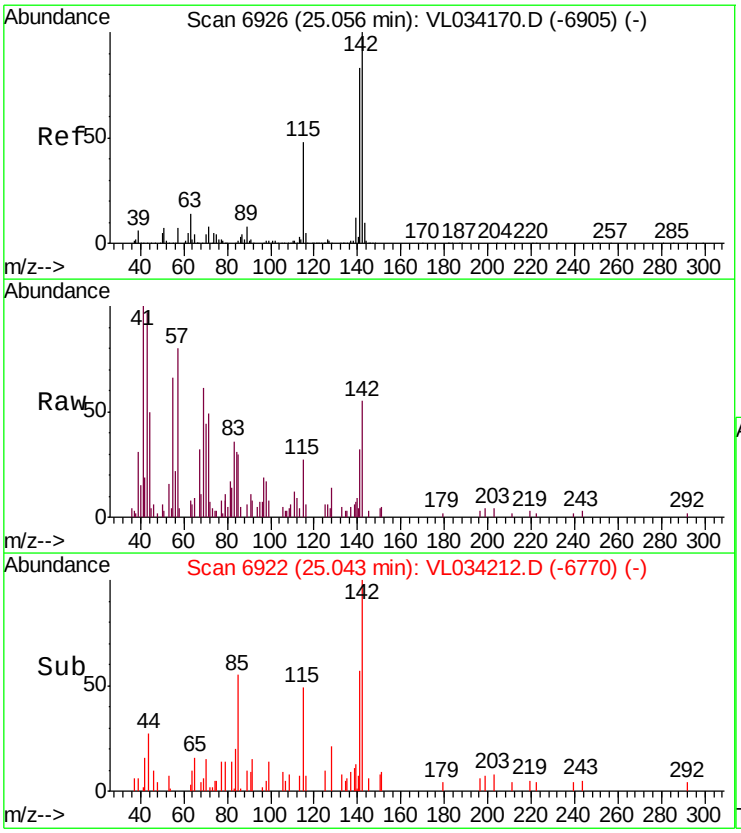
#79
Naphthalene
Concen: 0.338 ppbv
RT: 22.32 min Scan# 6075
Delta R.T. -0.00 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tgt Ion:128 Resp: 87324

Ion	Ratio	Lower	Upper
128	100		
127	11.3	11.1	16.7
129	7.5	10.2	15.4#





#80
Naphthalene,2-methyl-
Concen: 0.073 ppbv
RT: 25.04 min Scan# 6922
Delta R.T. -0.01 min
Lab File: VL034212.D
Acq: 2 Oct 2019 15:54

Tgt Ion:142 Resp: 8811

Ion	Ratio	Lower	Upper
142	100		
141	82.0	67.6	101.4
115	64.5	36.9	55.3#