Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035447.D
Acq On : 18 Aug 2020 18:32
Operator : SY/AP
Sample : L3725-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 19 02:43:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1131081	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	5082908	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	5062973	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	3703822	10.45	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	59705	0.285	ppbv		97
3) Chlorodifluoromethane	3.03	51	596948	4.209	ppbv	#	67
4) Chloromethane	3.14	50	4914	0.067	ppbv		99
9) Propene	3.02	41	29191	0.512	ppbv	#	75
10) Heptane	8.15	43	31396	0.210	ppbv	#	75
11) Trichlorofluoromethane	3.96	101	453085	1.377	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.50	101	15768	0.064	ppbv	#	72
13) Ethanol	3.65	45	17213786	824.227	ppbv		88
15) Acetone	3.85	43	4297401	33.009	ppbv	#	76
16) 1,3-Butadiene	3.31	39	8521	0.161	ppbv	#	21
17) tert-Butyl alcohol	4.35	59	218557	1.299	ppbv	#	65
19) Isopropyl Alcohol	4.02	45	188150	2.097	ppbv	#	1
20) Methylene Chloride	4.36	84	650345	6.191	ppbv	#	63
21) Allyl Chloride	4.38	41	41704	0.630	ppbv	#	18
23) Vinyl Acetate	5.08	43	35430	0.190	ppbv	#	58
25) Ethyl Acetate	5.70	43	207096	0.817	ppbv	#	78
26) Hexane	5.70	57	365711	2.558	ppbv	#	31
27) Carbon Disulfide	4.56	76	708966	3.431	ppbv	#	87
29) Chloroform	5.77	83	607572	2.115	ppbv		100
30) Cyclohexane	7.15	84	11453	0.072	ppbv	#	1
34) 2-Butanone	5.26	43	730279	4.300	ppbv	#	75
36) Benzene	6.91	78	106294	0.285	ppbv		95
38) Trichloroethene	7.85	130	15409	0.074	ppbv	#	64
39) 1,2-Dichloropropane	7.19	63	903606	7.349	ppbv	#	22
40) 1,4-Dioxane	7.87	88	3455	0.052	ppbv	#	1
41) Tetrahydrofuran	6.07	42	193721	2.068	ppbv	#	83
44) 2,2,4-Trimethylpentane	7.89	57	26690	0.055	ppbv	#	49
50) 4-Methyl-2-Pentanone	8.77	43	365798	1.502	ppbv	#	85
51) 2-Hexanone	10.17	43	59886	0.292	ppbv	#	77
52) Tetrachloroethene	11.25	164	79867	0.351	ppbv	#	77
53) Toluene	9.83	91	1168754	2.432	ppbv		99
58) Ethyl Benzene	12.74	91	329724	0.539	ppbv		96
59) m/p-Xylene	13.00	91	1115609	2.159	ppbv	#	84
60) o-Xylene	13.73	91	419667	0.836	ppbv		89
61) Styrene	13.56	104	42765	0.105	ppbv		91
62) Isopropylbenzene	14.71	105	39766	0.048	ppbv		90
64) n-propylbenzene	15.60	120	59432	0.234	ppbv		75
65) tert-Butylbenzene	16.79	119	101155	0.126	ppbv	#	15
66) Benzyl Chloride	17.24	91	9901	0.051	ppbv	#	93
69) p-Isopropyltoluene	17.70	119	39822	0.043	ppbv	#	45
70) n-Butylbenzene	18.60	91	192587	0.218	ppbv	#	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035447.D
Acq On : 18 Aug 2020 18:32
Operator : SY/AP
Sample : L3725-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 19 02:43:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) 2-Chlorotoluene	15.60	91	239260	0.401	ppbv	#	47
72) 4-Ethyltoluene	15.87	105	407979	0.619	ppbv	#	93
73) 1,3,5-Trimethylbenzene	16.03	105	383554	0.626	ppbv		92
74) 1,2,4-Trimethylbenzene	16.80	105	1701842	2.554	ppbv	#	70
79) Naphthalene	22.25	128	915911	0.976	ppbv		96
80) Naphthalene,2-methyl-	25.01	142	268958	0.694	ppbv		98
81) 1,2,4-Trichlorobenzene	21.98	180	19268	0.034	ppbv		85

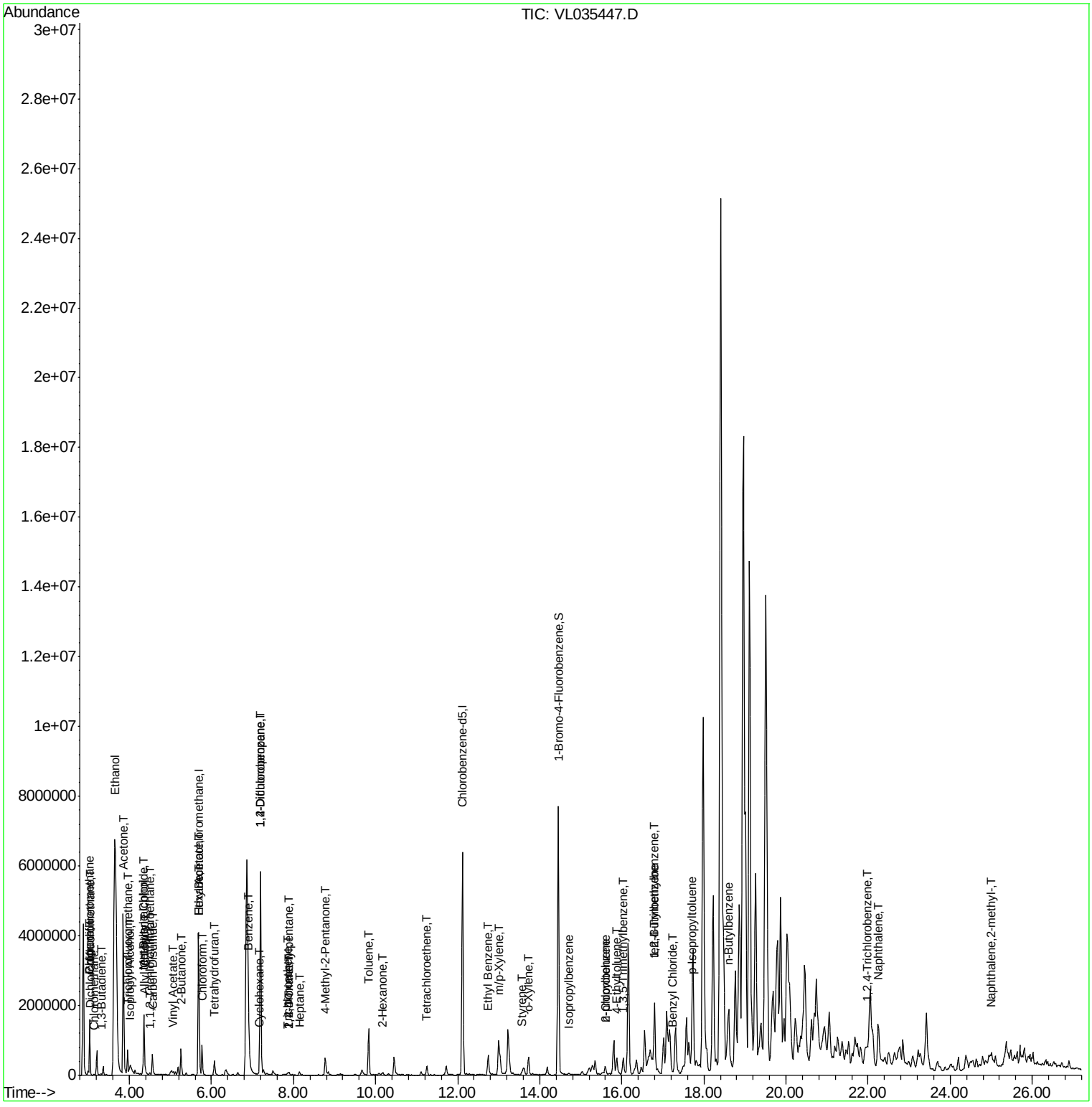
(#) = qualifier out of range (m) = manual integration (+) = signals summed

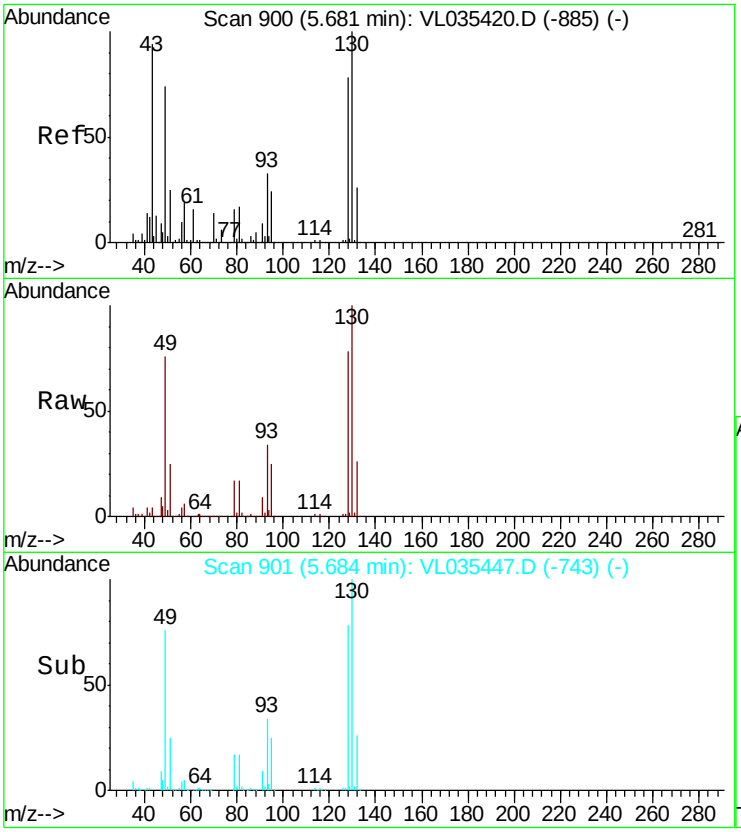
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035447.D
Acq On : 18 Aug 2020 18:32
Operator : SY/AP
Sample : L3725-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 19 02:43:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration



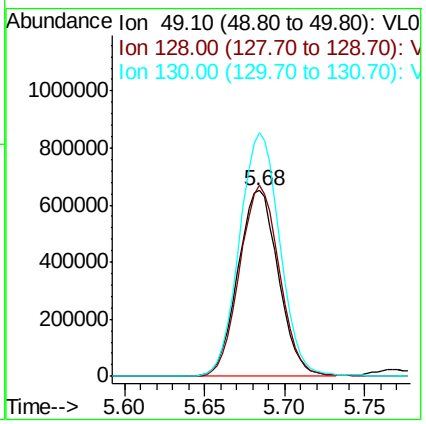


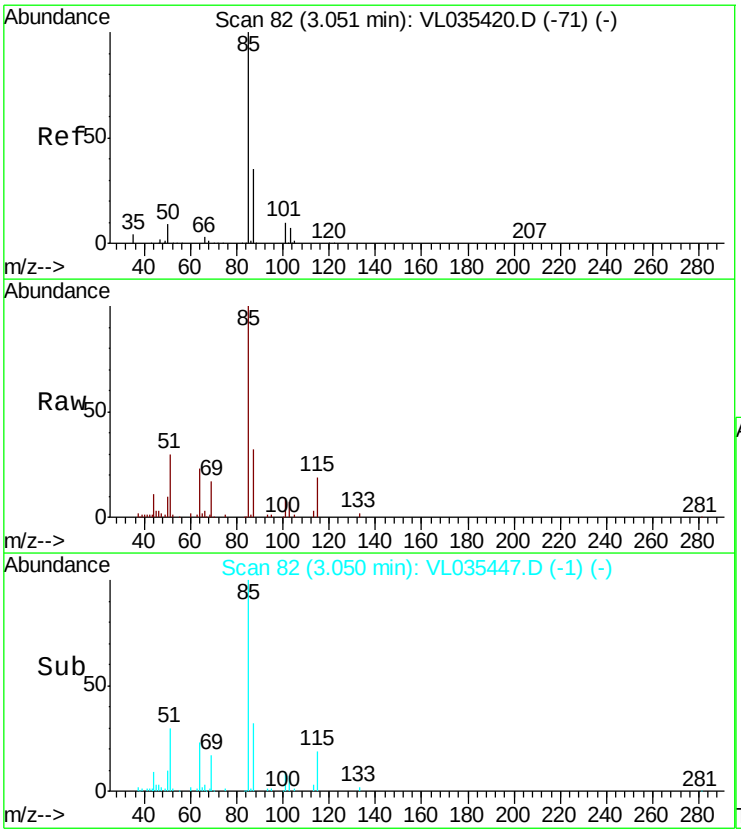
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1131081

Ion	Ratio	Lower	Upper
49	100		
128	101.5	20.9	62.7#
130	131.2	26.7	80.1#

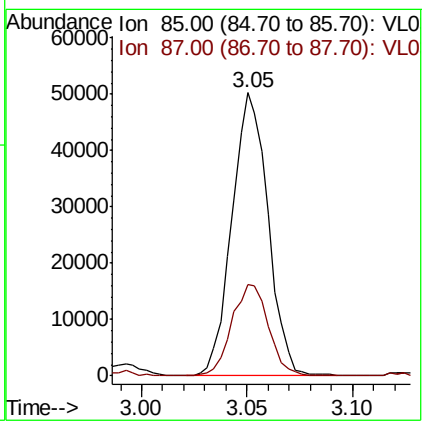


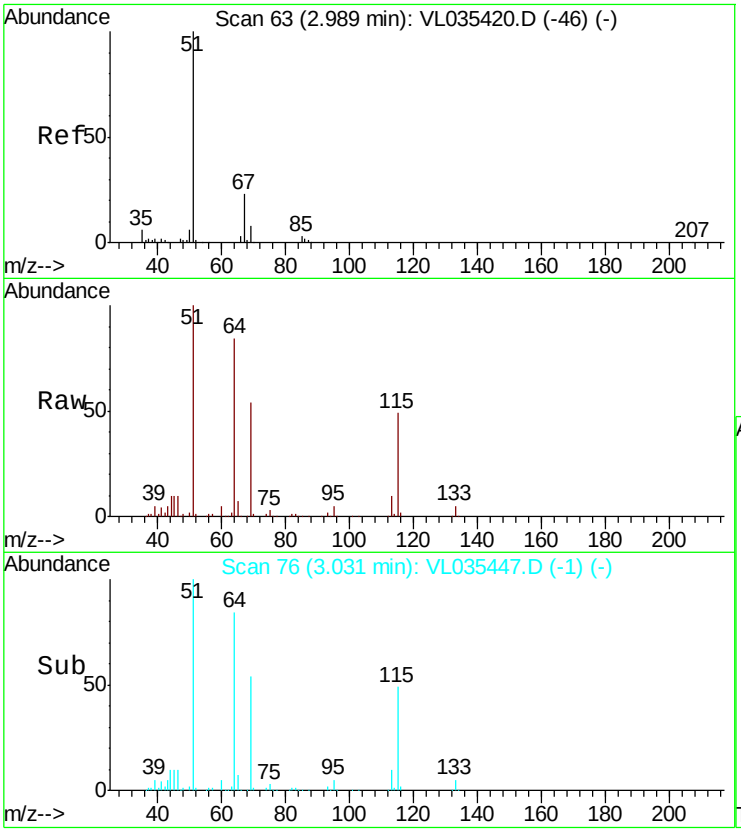


#2
Dichlorodifluoromethane
Concen: 0.285 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 85 Resp: 59705

Ion	Ratio	Lower	Upper
85	100		
87	32.1	27.1	40.7



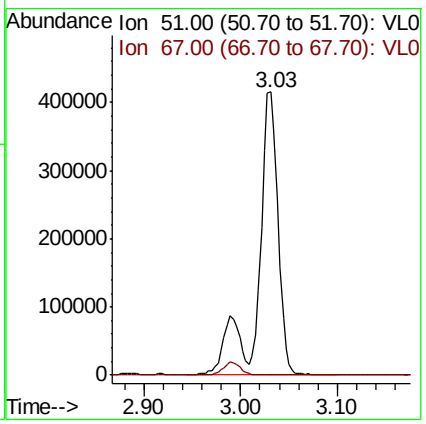


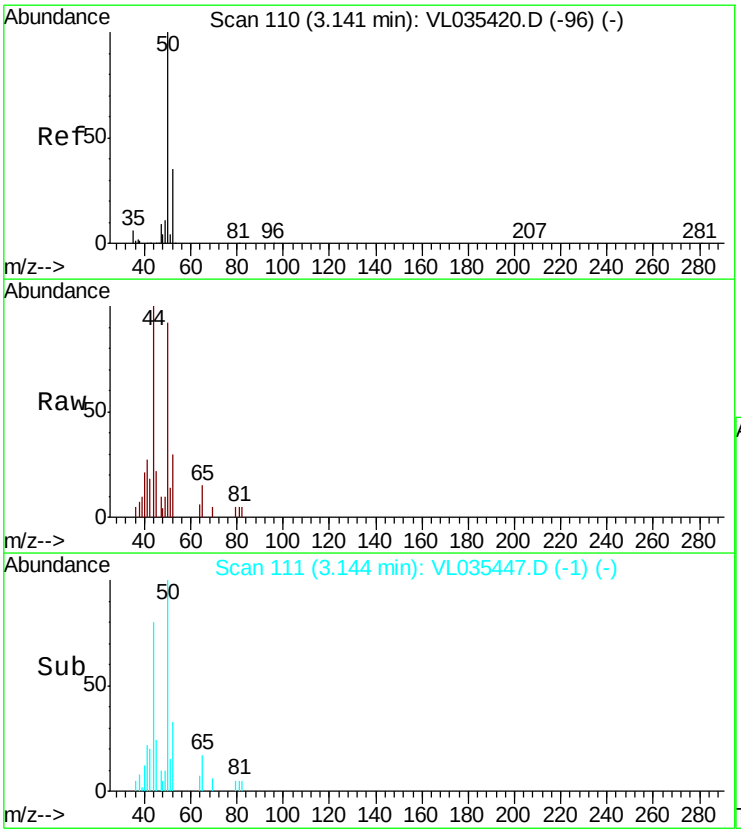
#3
Chlorodifluoromethane
Concen: 4.209 ppbv
RT: 3.03 min Scan# 76
Delta R.T. 0.05 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 596948

Ion	Ratio	Lower	Upper
51	100		
67	3.9	15.0	22.6#

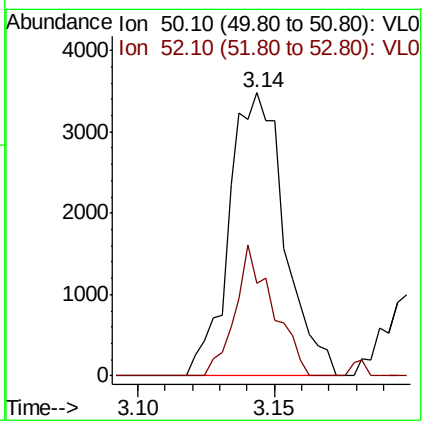


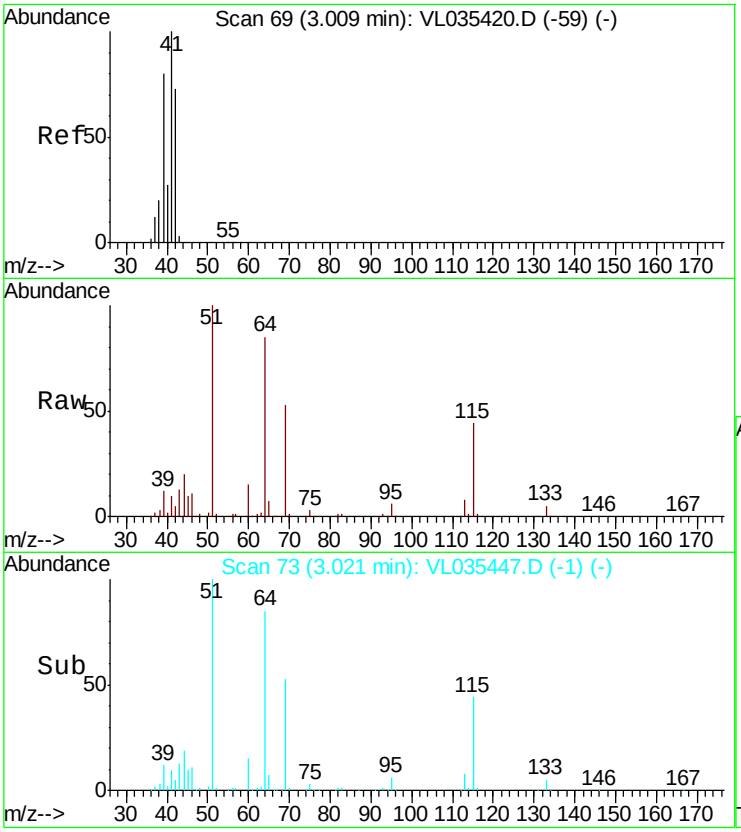


#4
Chloromethane
Concen: 0.067 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 50 Resp: 4914

Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.9	38.9

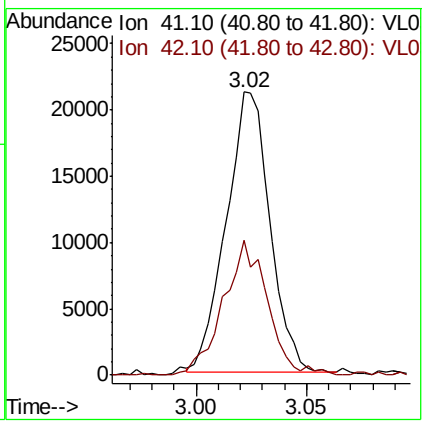




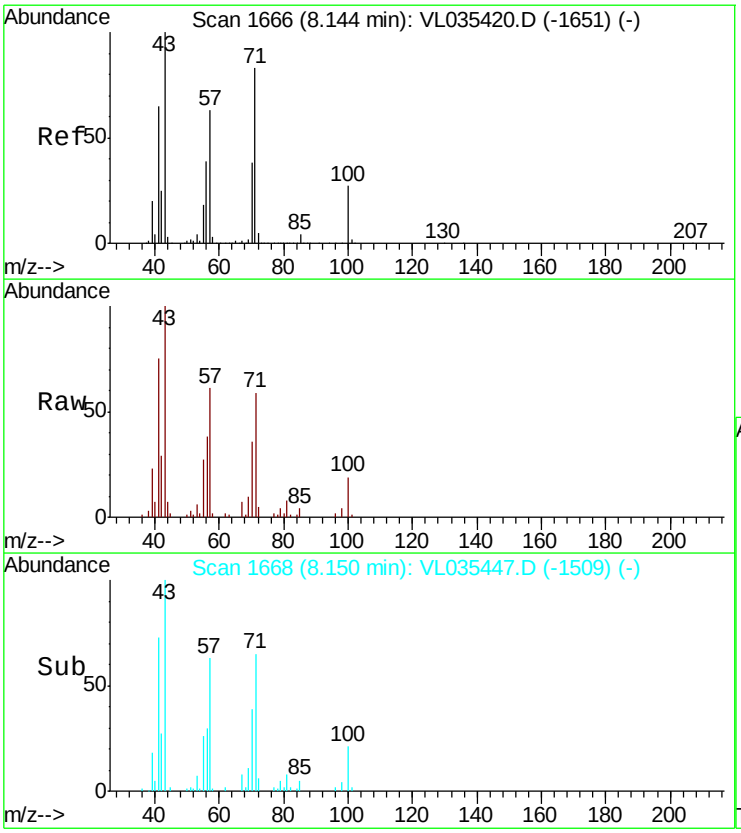
#9
Propene
Concen: 0.512 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 41 Resp: 29191

Ion	Ratio	Lower	Upper
41	100		
42	48.7	55.5	83.3#



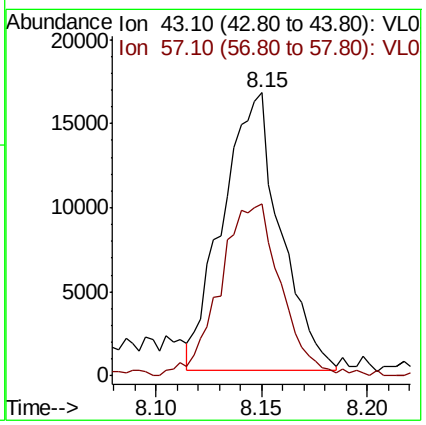
Instrument :
MSVOA_L
ClientSampleId :

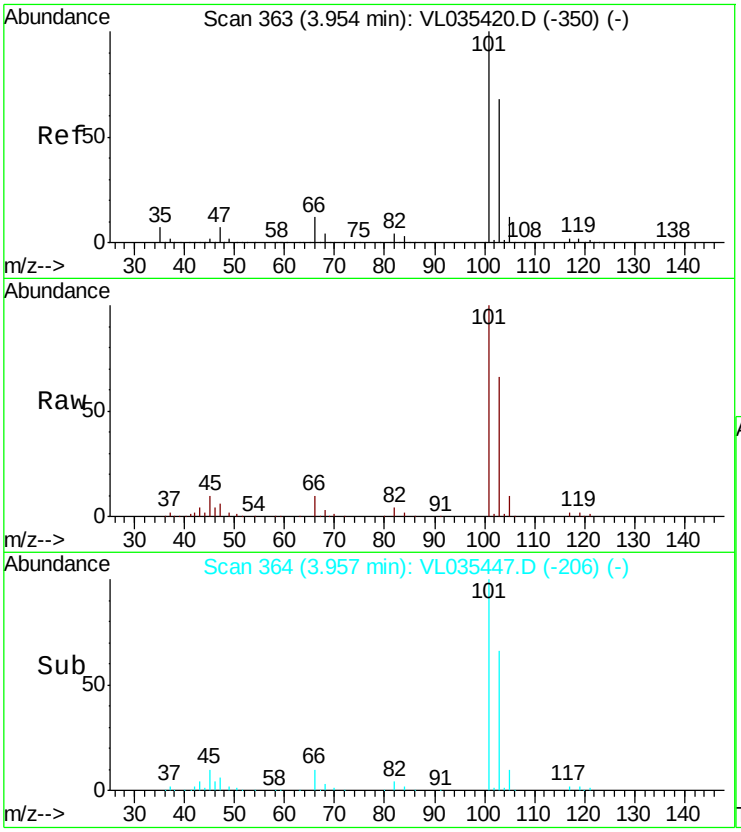


#10
Heptane
Concen: 0.210 ppbv
RT: 8.15 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 43 Resp: 31396

Ion	Ratio	Lower	Upper
43	100		
57	66.8	39.8	59.6#



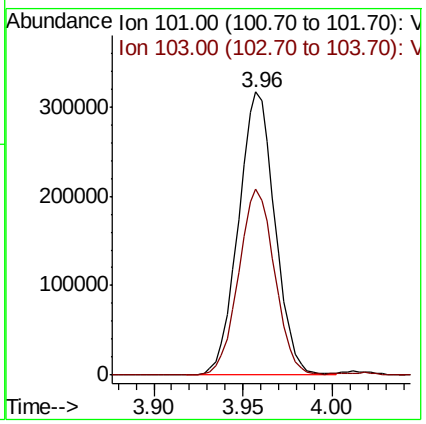


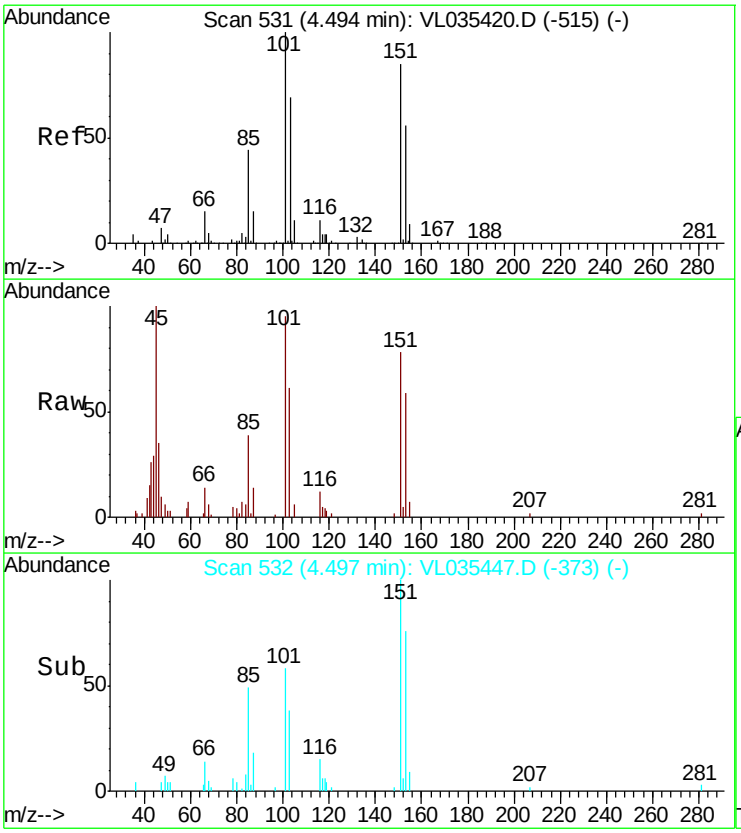
#11
Trichlorofluoromethane
Concen: 1.377 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 453085

Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.6	78.8

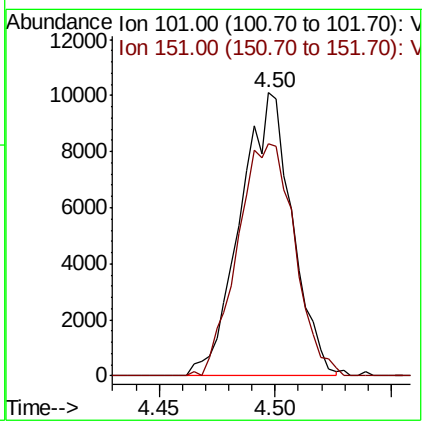


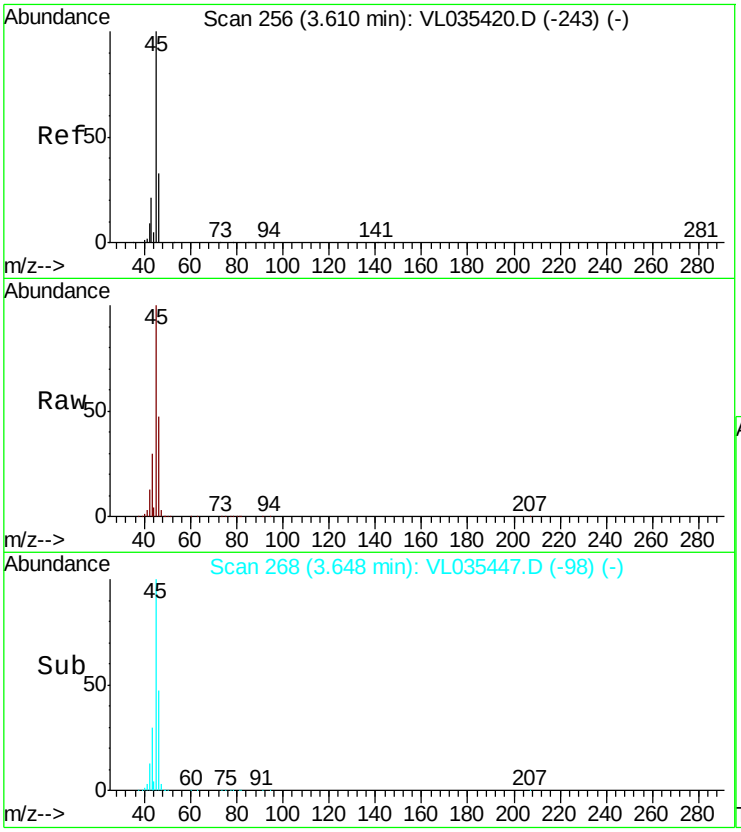


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.064 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:101 Resp: 15768

Ion	Ratio	Lower	Upper
101	100		
151	89.7	53.6	80.4#



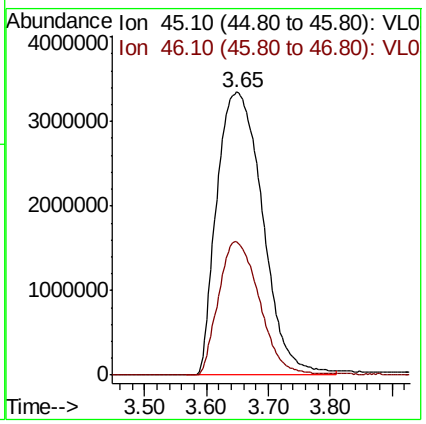


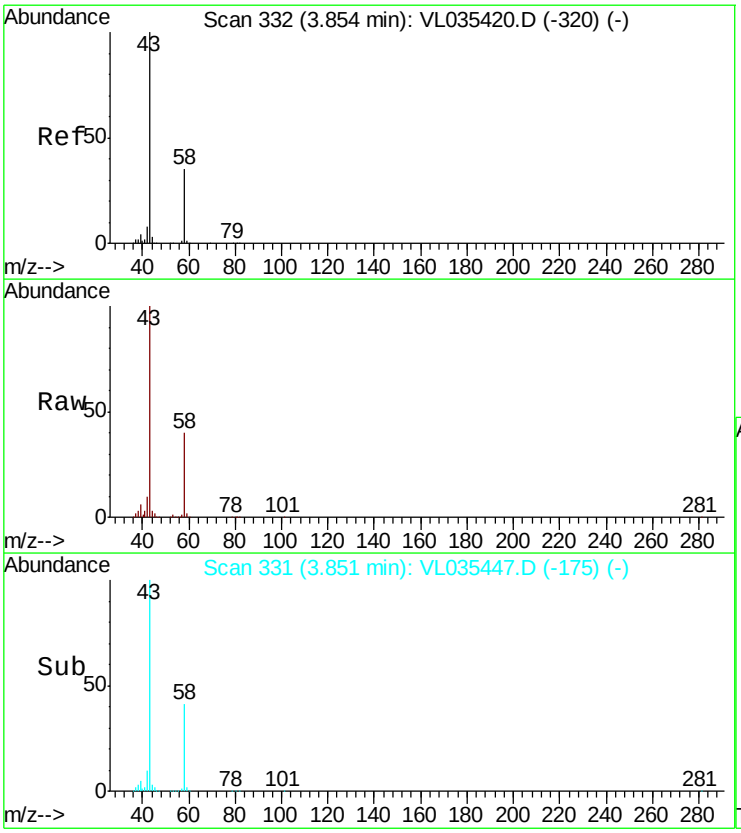
#13
Ethanol
Concen: 824.227 ppbv
RT: 3.65 min Scan# 268
Delta R.T. 0.05 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp:17213786

Ion	Ratio	Lower	Upper
45	100		
46	42.6	14.2	56.6

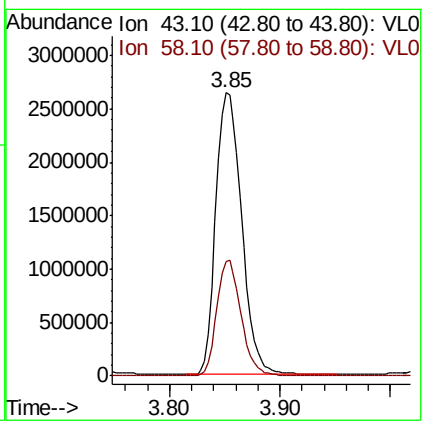


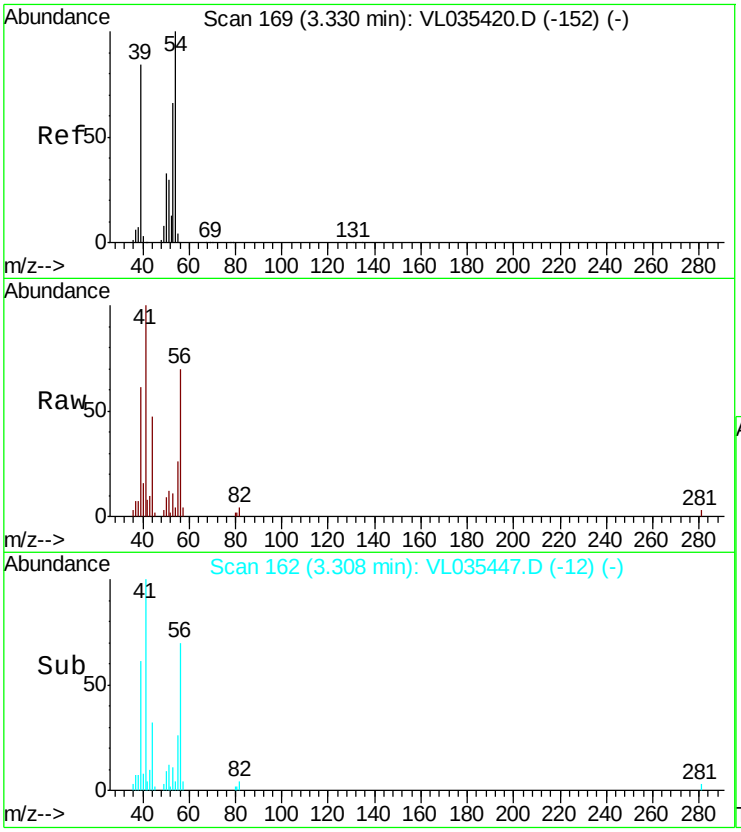


#15
Acetone
Concen: 33.009 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 43 Resp: 4297401

Ion	Ratio	Lower	Upper
43	100		
58	38.6	21.0	31.6#



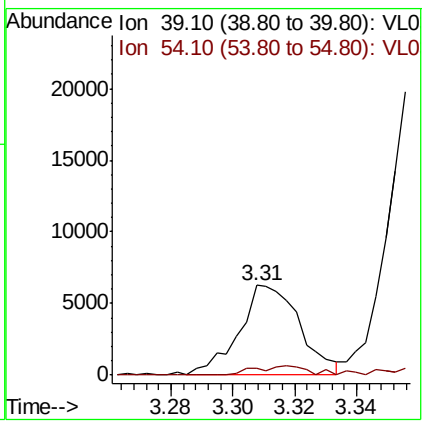


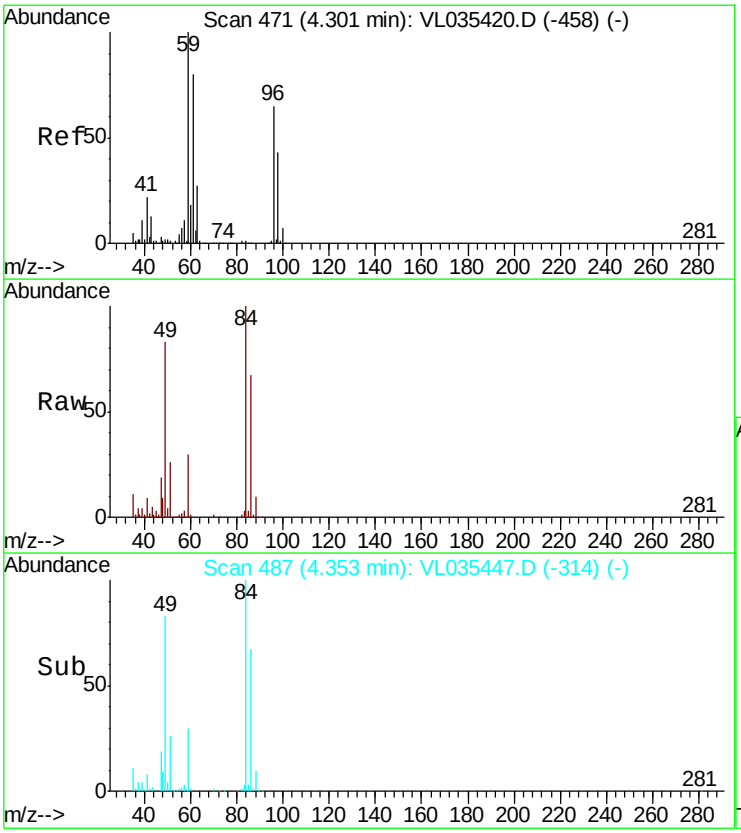
#16
1,3-Butadiene
Concen: 0.161 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 8521

Ion	Ratio	Lower	Upper
39	100		
54	10.2	64.4	96.6#

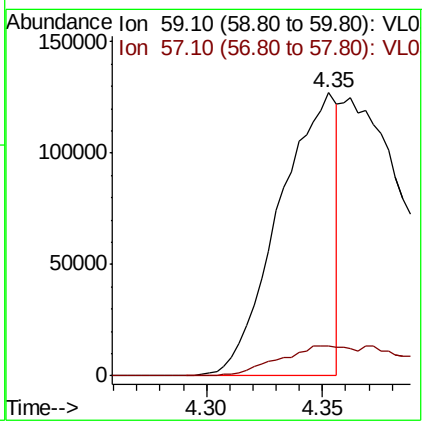


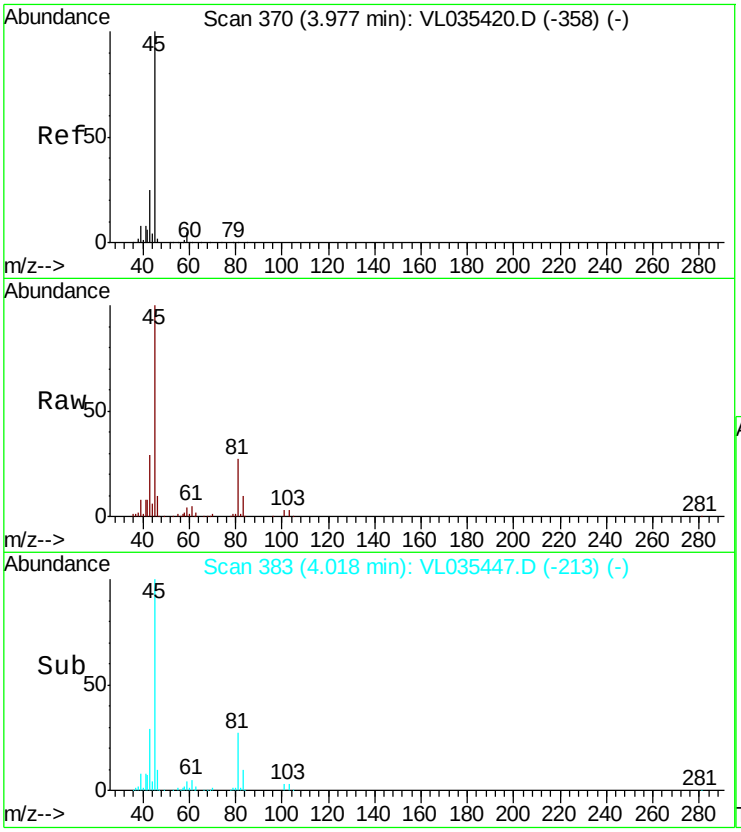


#17
tert-Butyl alcohol
Concen: 1.299 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.06 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 59 Resp: 218557

Ion	Ratio	Lower	Upper
59	100		
57	24.6	8.9	13.3#



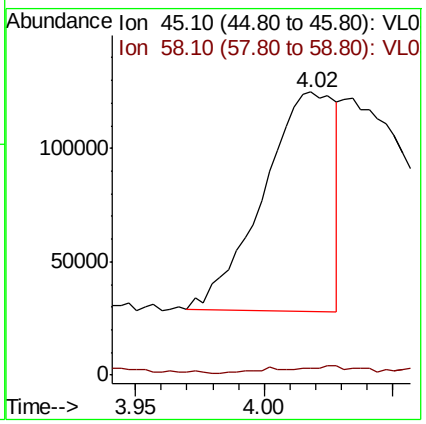


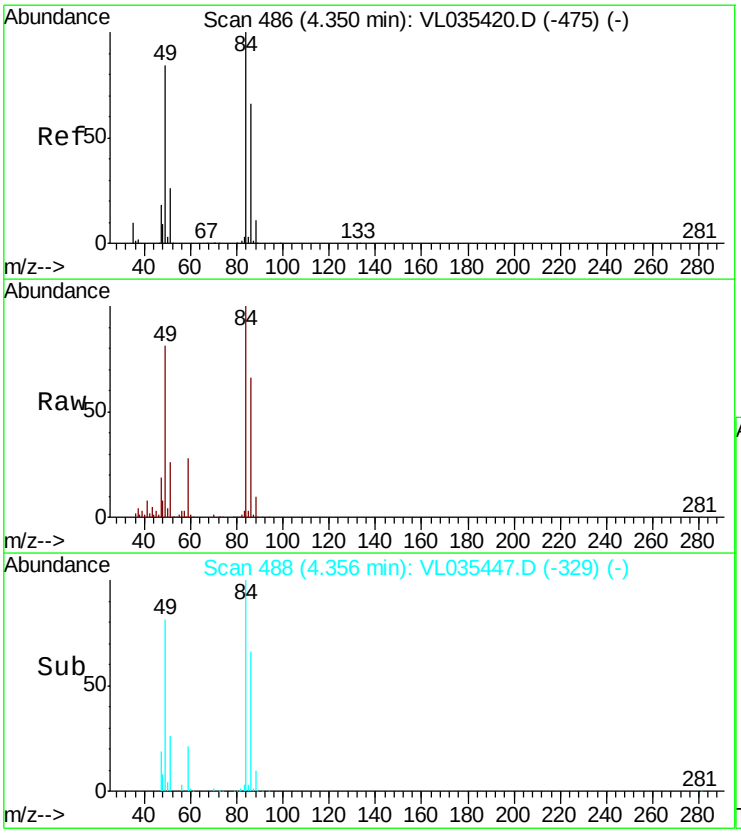
#19
Isopropyl Alcohol
Concen: 2.097 ppbv
RT: 4.02 min Scan# 383
Delta R.T. 0.05 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 188150

Ion	Ratio	Lower	Upper
45	100		
58	880.9	1.0	1.6#

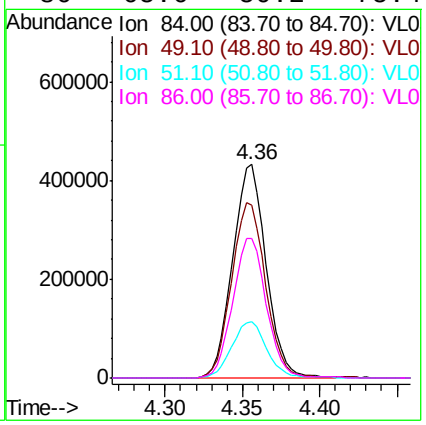


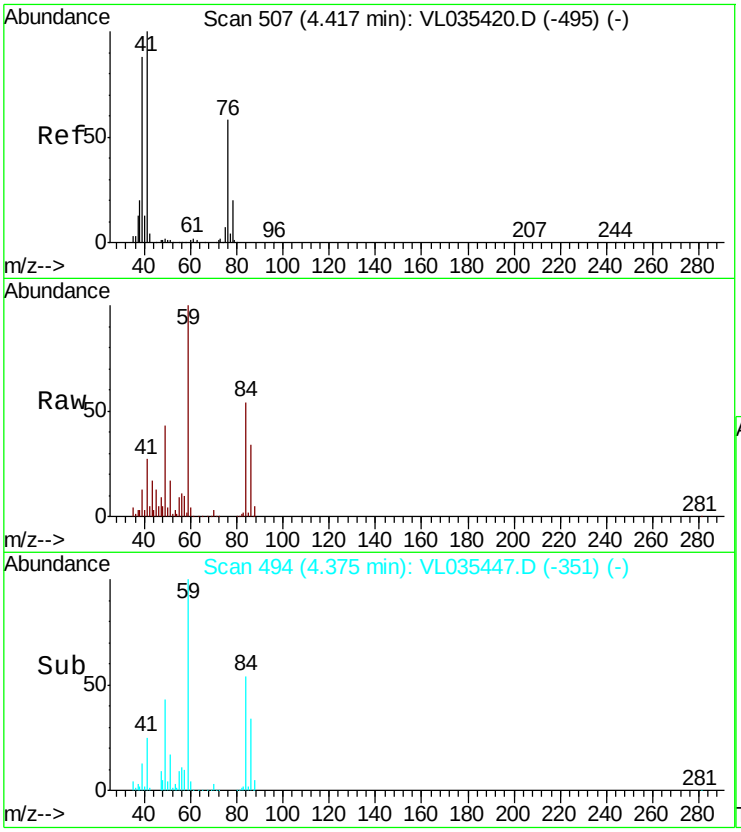


#20
Methylene Chloride
Concen: 6.191 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 84 Resp: 650345

Ion	Ratio	Lower	Upper
84	100		
49	81.1	118.6	177.8#
51	26.2	36.4	54.6#
86	65.6	50.2	75.4



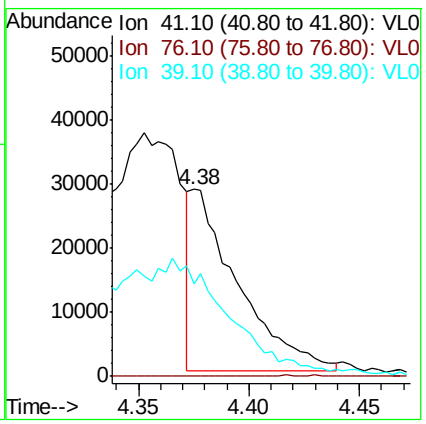


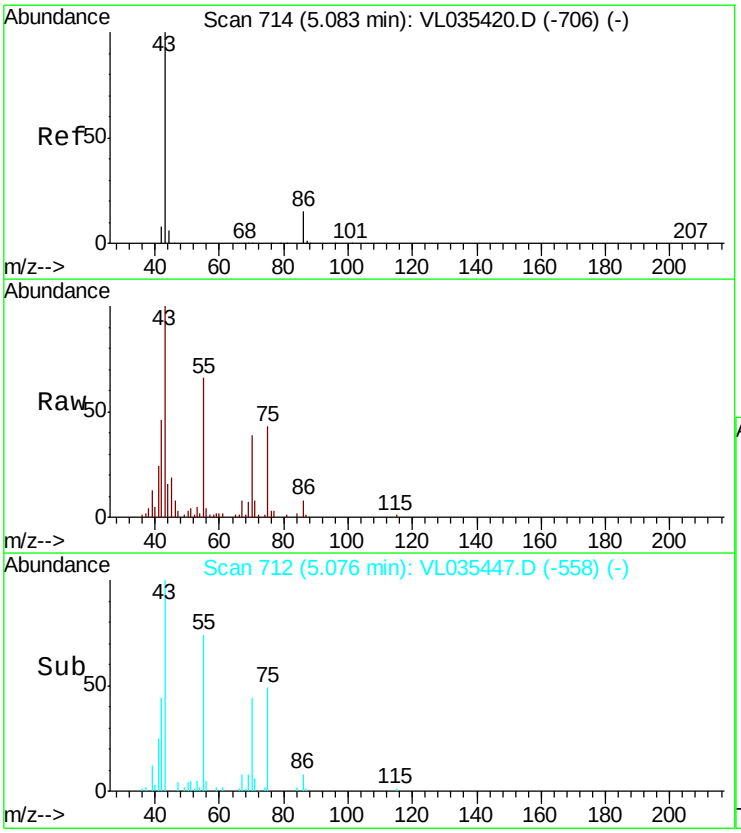
#21
Allvl Chloride
Concen: 0.630 ppbv
RT: 4.38 min Scan# 494
Delta R.T. -0.04 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 41704

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	0.0	66.2	99.2#

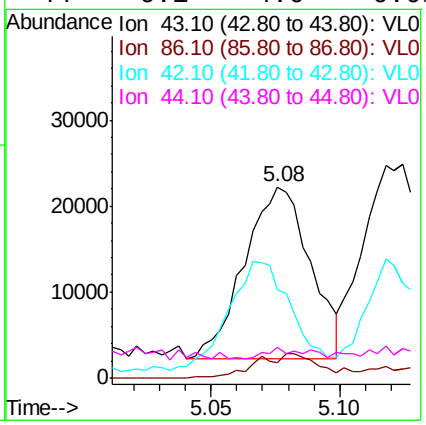


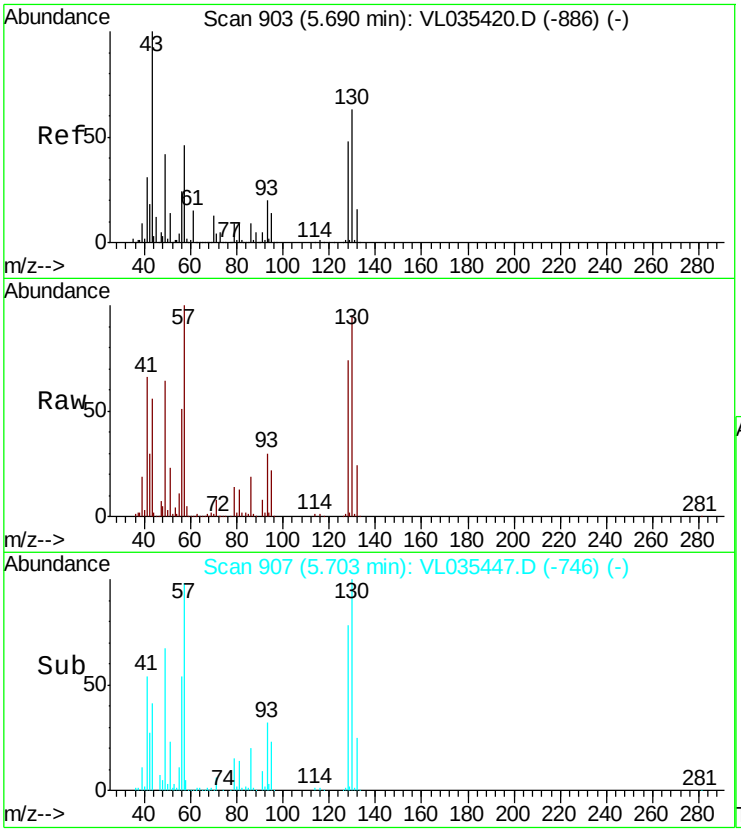


#23
Vinyl Acetate
Concen: 0.190 ppbv
RT: 5.08 min Scan# 712
Delta R.T. -0.00 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 43 Resp: 35430

Ion	Ratio	Lower	Upper
43	100		
86	9.2	6.5	9.7
42	44.7	8.3	12.5#
44	6.1	4.0	6.0#



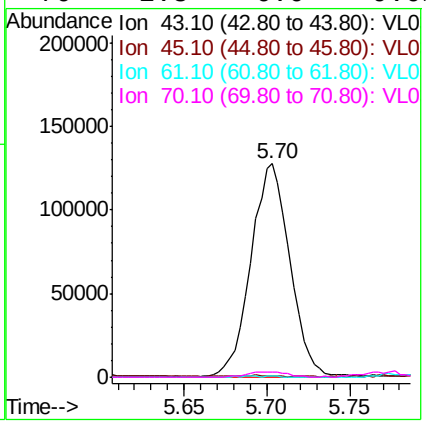


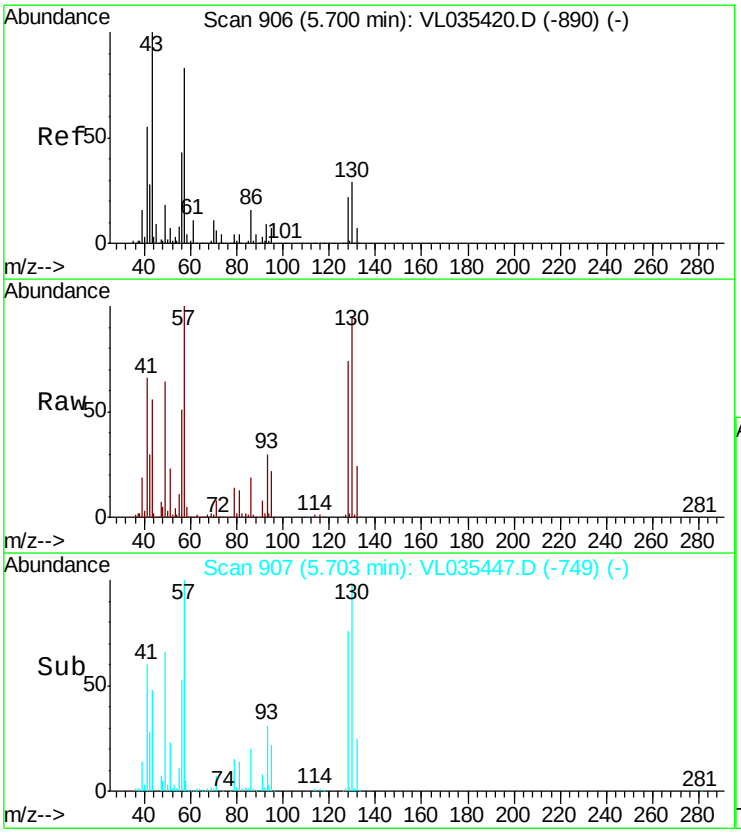
#25
Ethyl Acetate
Concen: 0.817 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 207096

Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.3	12.5#
61	0.6	7.6	11.4#
70	2.8	6.0	9.0#

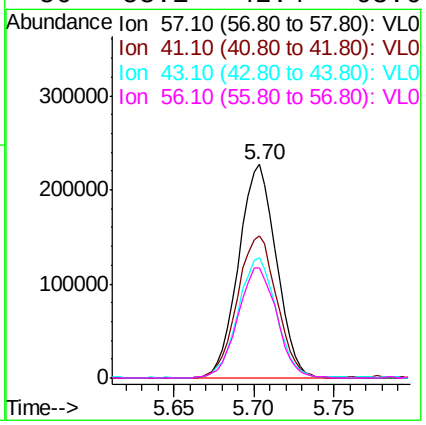


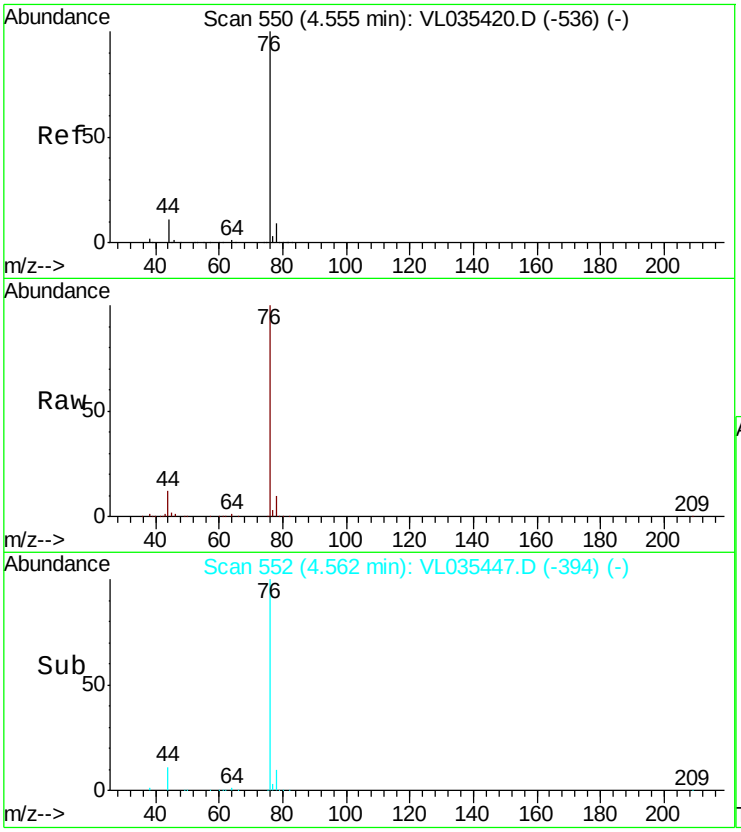


#26
Hexane
Concen: 2.558 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 57 Resp: 365711

Ion	Ratio	Lower	Upper
57	100		
41	70.4	75.5	113.3#
43	57.0	181.7	272.5#
56	53.1	42.4	63.6



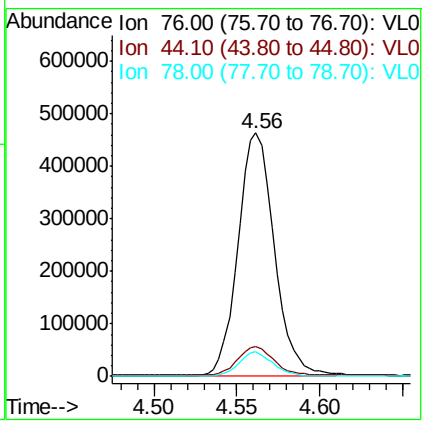


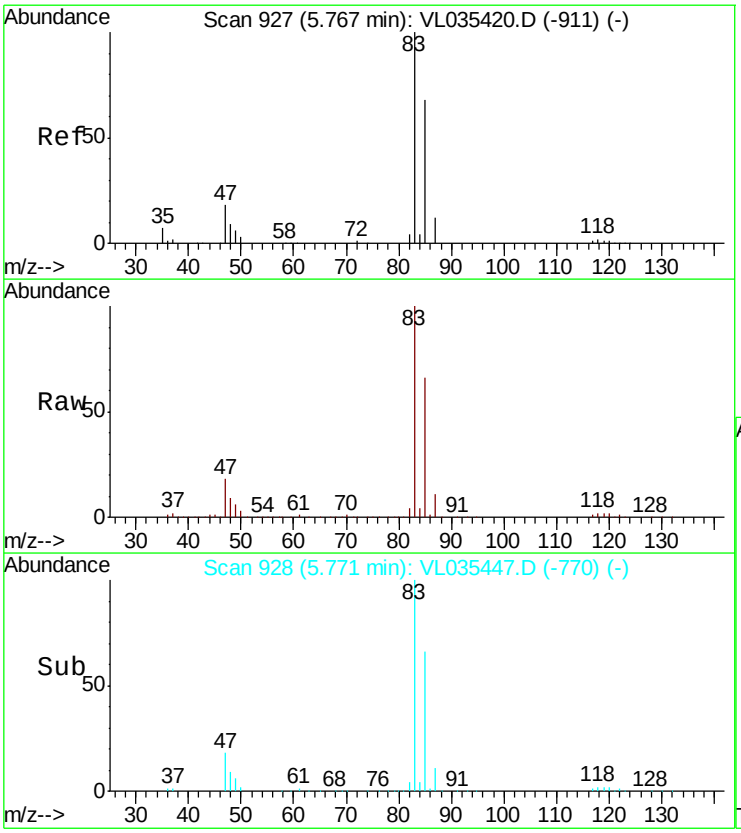
#27
Carbon Disulfide
Concen: 3.431 ppbv
RT: 4.56 min Scan# 552
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 708966

Ion	Ratio	Lower	Upper
76	100		
44	12.3	16.8	25.2#
78	9.6	7.3	10.9

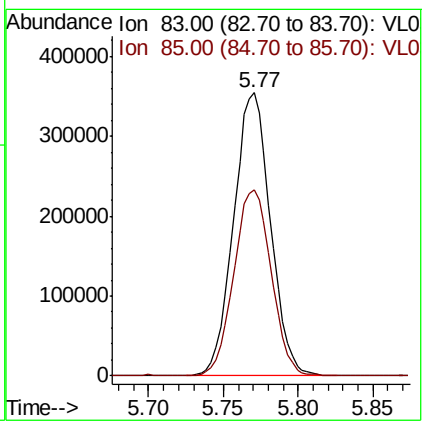


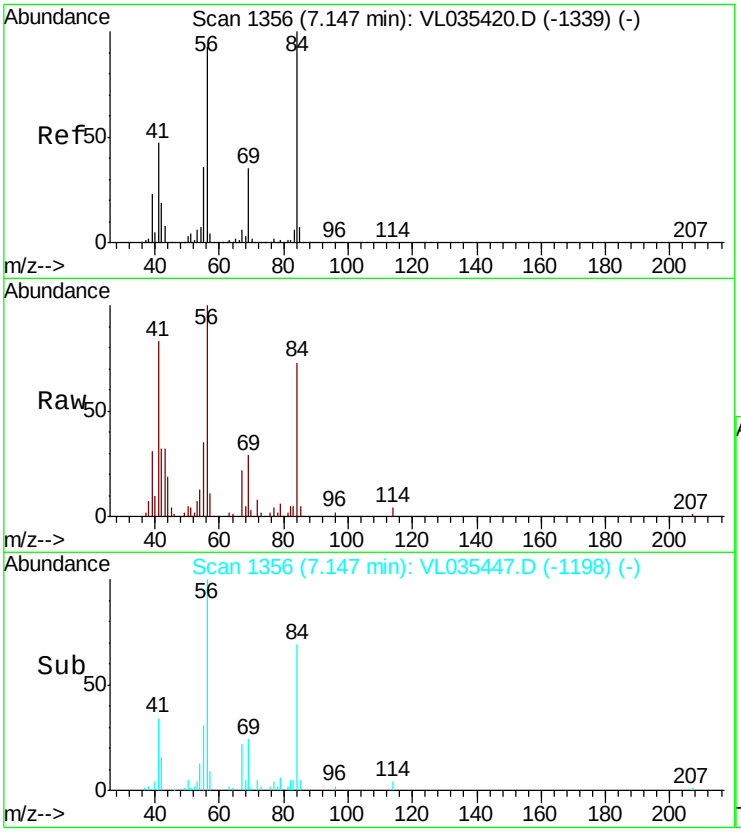


#29
Chloroform
Concen: 2.115 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 83 Resp: 607572

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.7	79.1



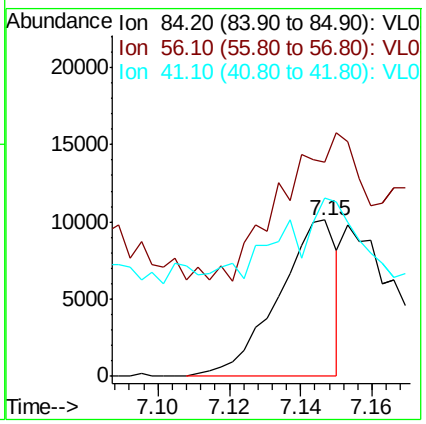


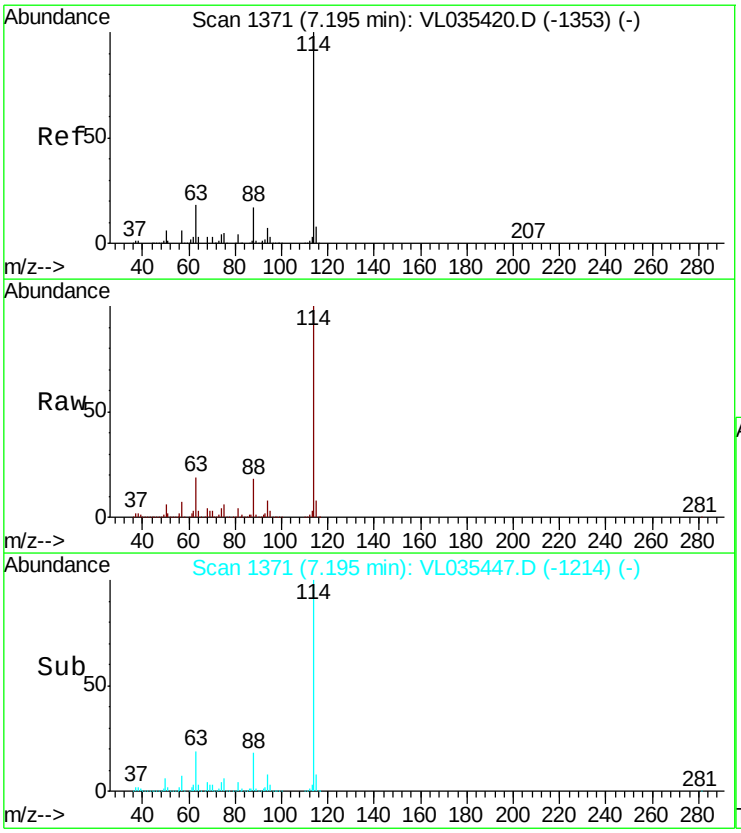
#30
Cyclohexane
Concen: 0.072 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 11453

Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.9	172.3#
41	0.0	72.3	108.5#

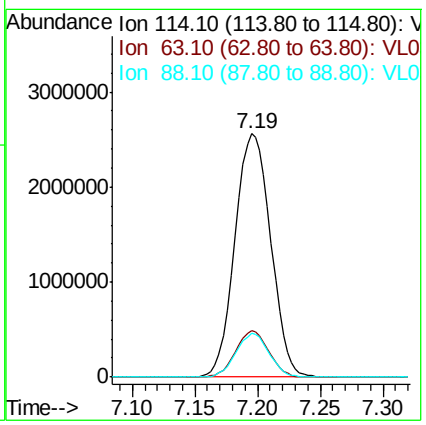


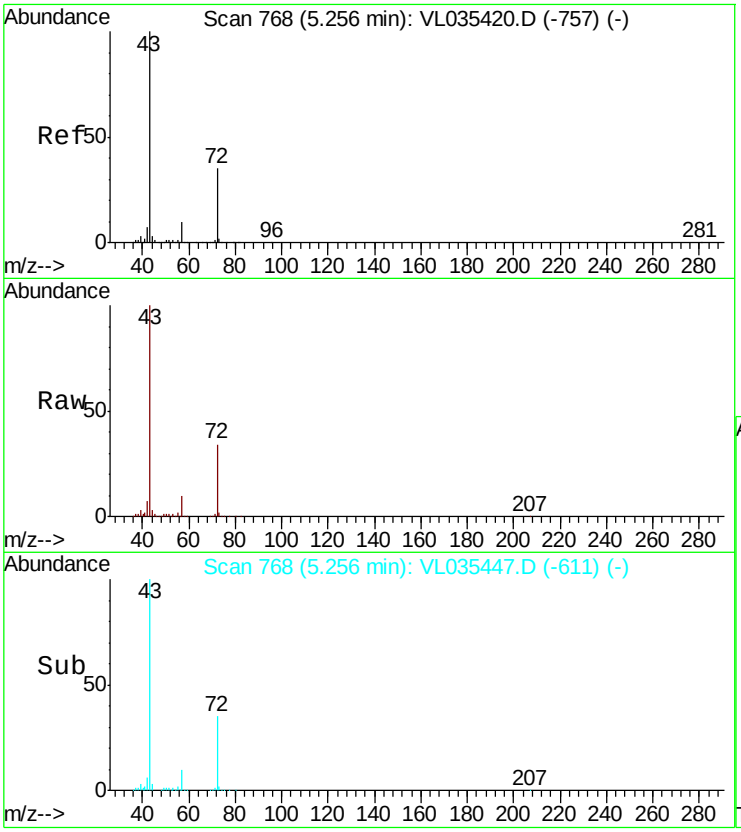


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:114 Resp: 5082908

Ion	Ratio	Lower	Upper
114	100		
63	17.9	23.1	34.7#
88	16.7	15.9	23.9



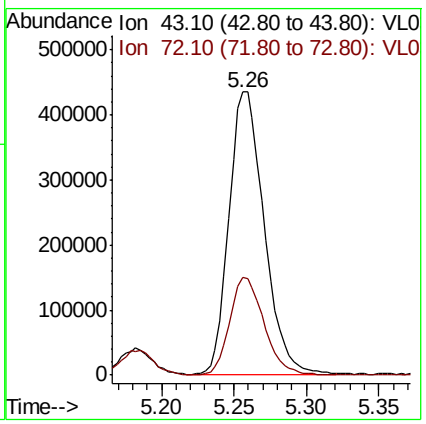


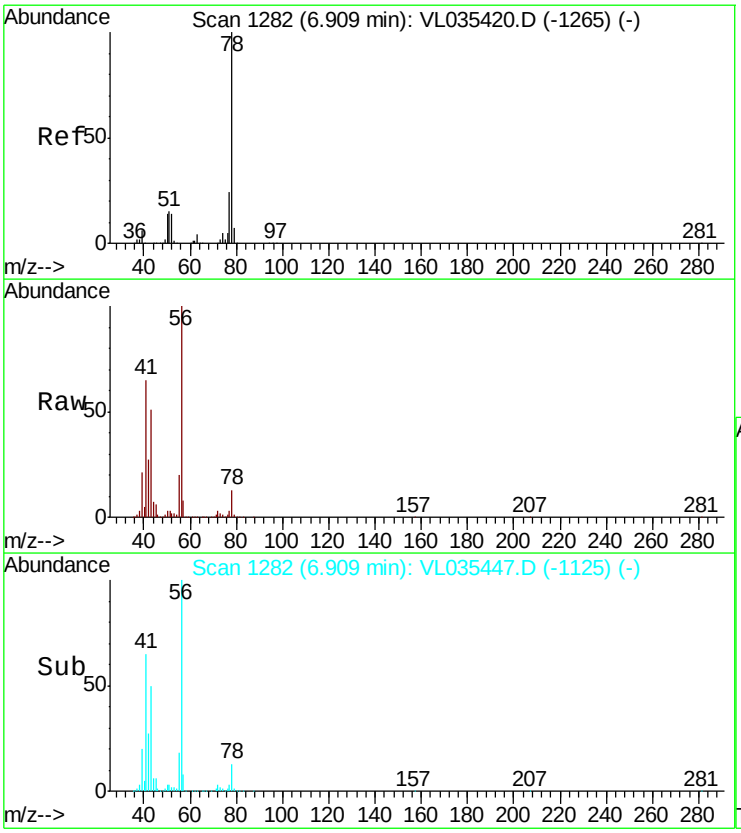
#34
2-Butanone
Concen: 4.300 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 730279

Ion	Ratio	Lower	Upper
43	100		
72	33.8	17.6	26.4#

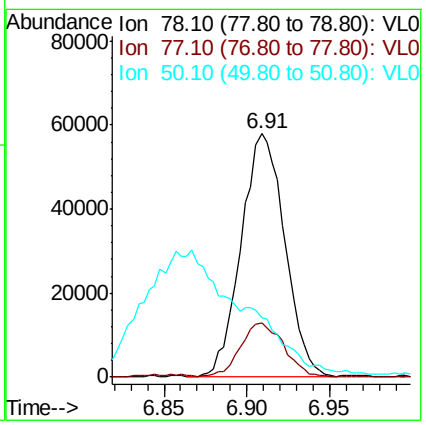


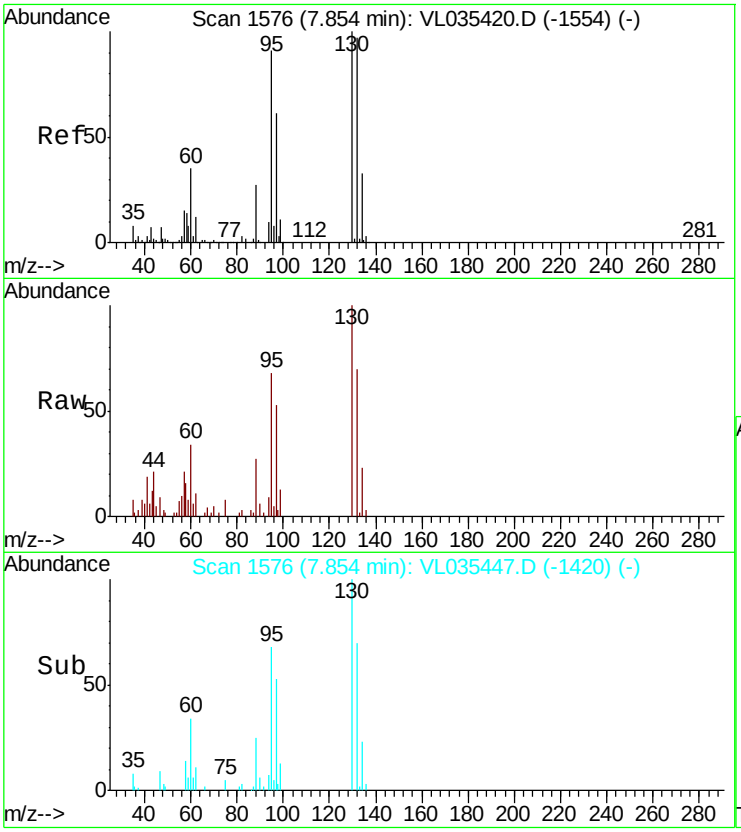


#36
Benzene
Concen: 0.285 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 78 Resp: 106294

Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.6	29.4
50	22.3	16.3	24.5



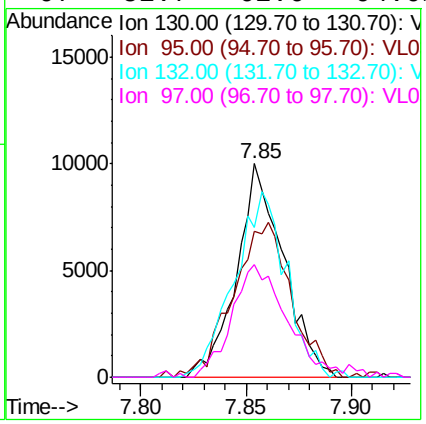


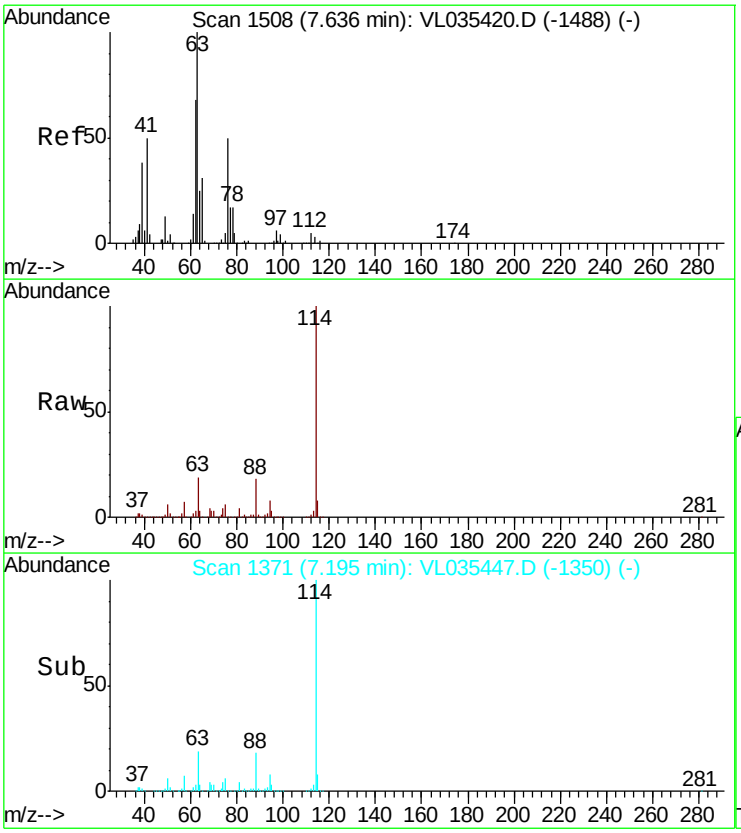
#38
Trichloroethene
Concen: 0.074 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 15409

Ion	Ratio	Lower	Upper
130	100		
95	66.5	95.8	143.8#
132	68.4	74.3	111.5#
97	52.7	62.6	94.0#

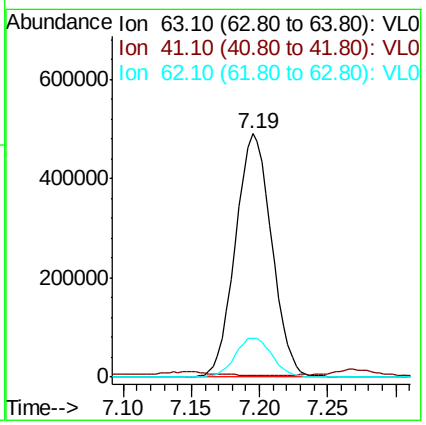


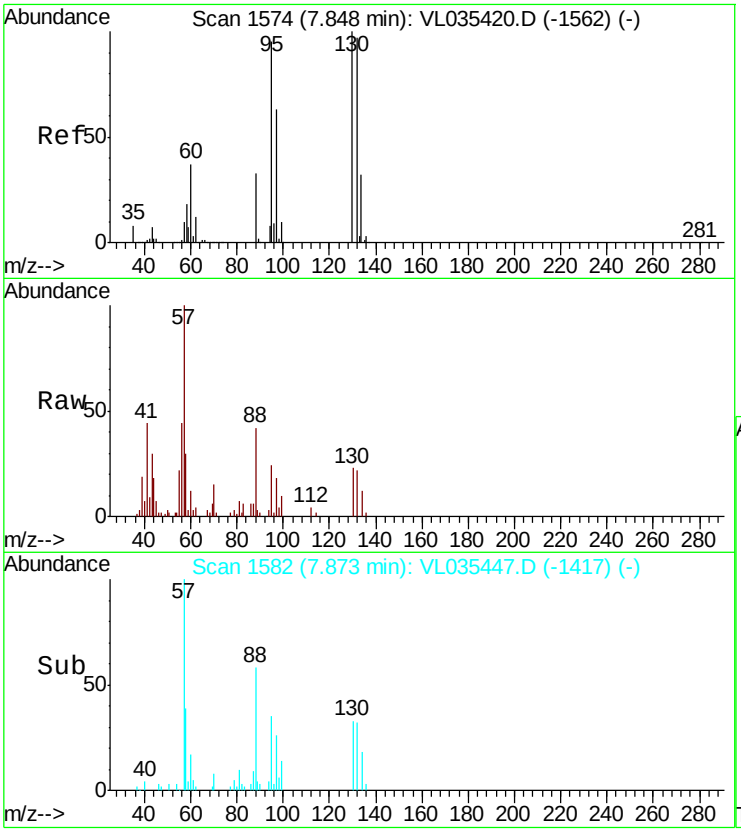


#39
1,2-Dichloropropane
Concen: 7.349 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.43 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 63 Resp: 903606

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.1	91.7#
62	16.1	55.3	82.9#



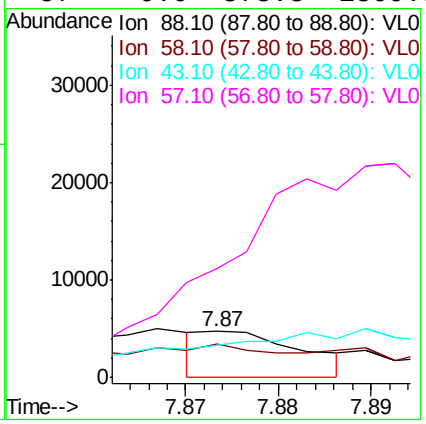


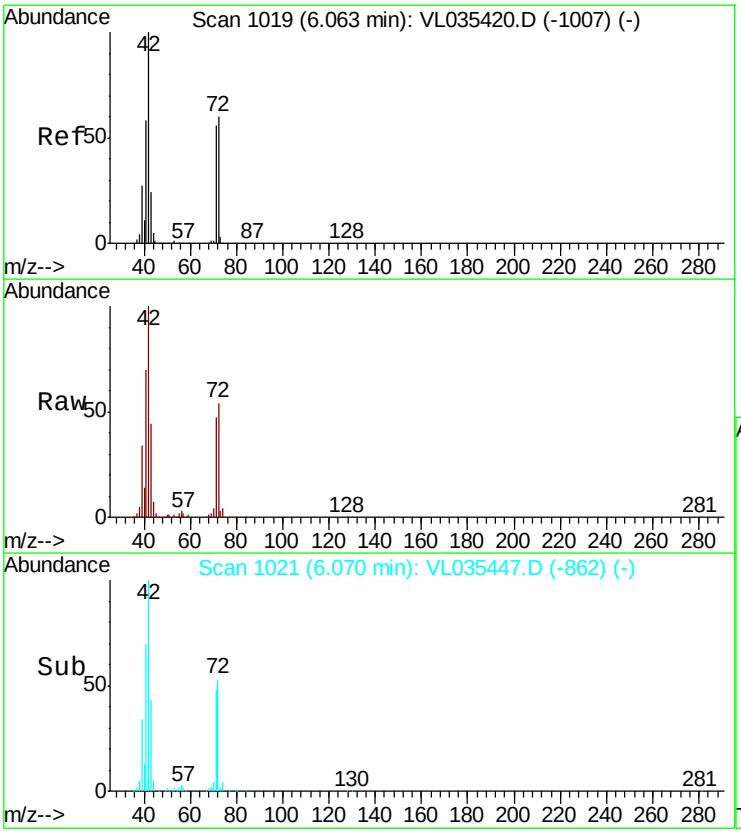
#40
1,4-Dioxane
Concen: 0.052 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.03 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 88 Resp: 3455

Ion	Ratio	Lower	Upper
88	100		
58	309.0	106.6	160.0#
43	0.0	209.7	314.5#
57	0.0	873.3	1309.9#

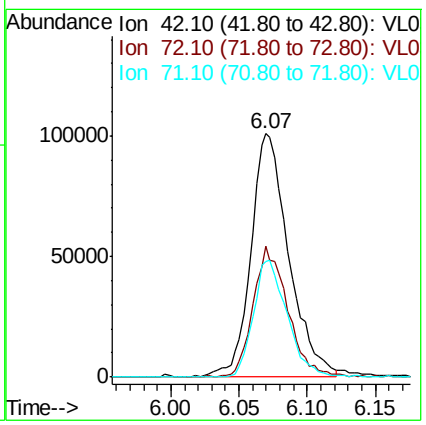


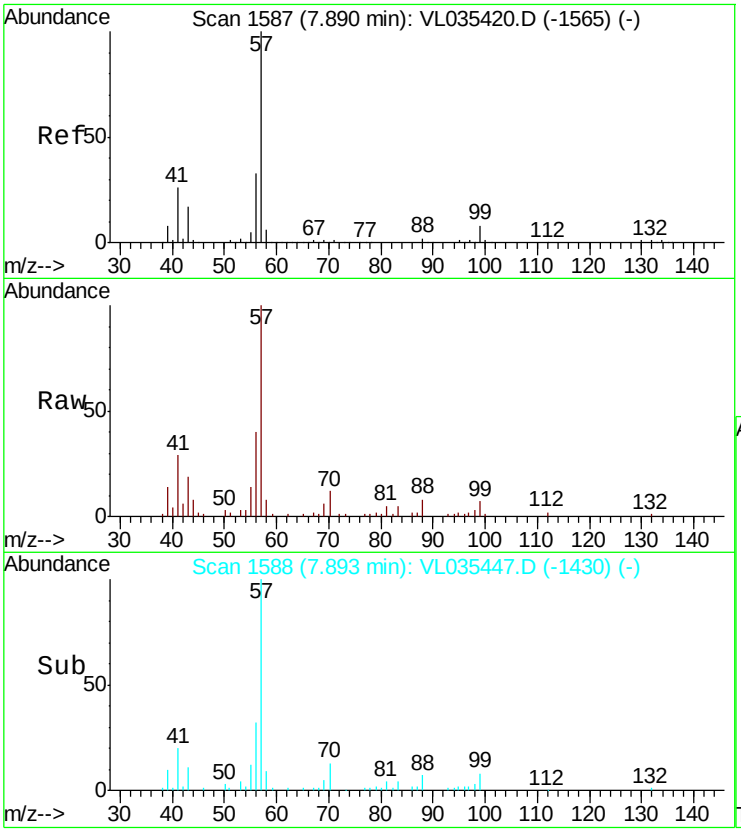


#41
Tetrahydrofuran
Concen: 2.068 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 42 Resp: 193721

Ion	Ratio	Lower	Upper
42	100		
72	49.2	29.4	44.2#
71	43.3	28.9	43.3#



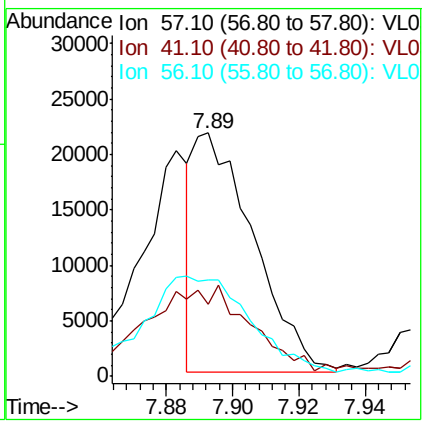


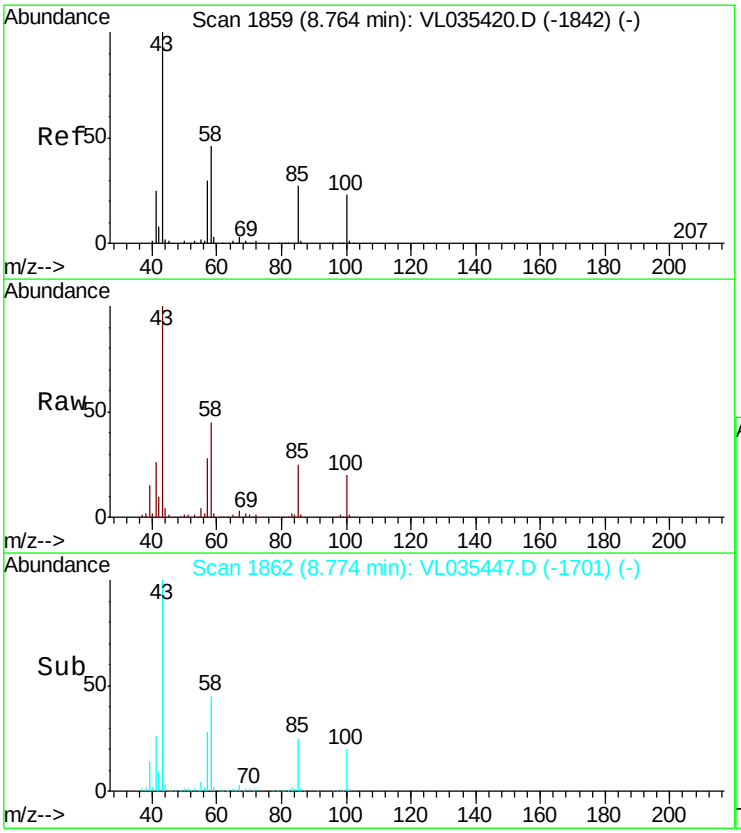
#44
2,2,4-Trimethylpentane
Concen: 0.055 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 26690

Ion	Ratio	Lower	Upper
57	100		
41	60.0	27.2	40.8#
56	0.0	25.4	38.0#

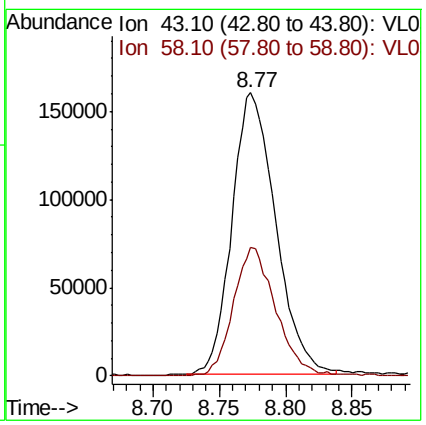


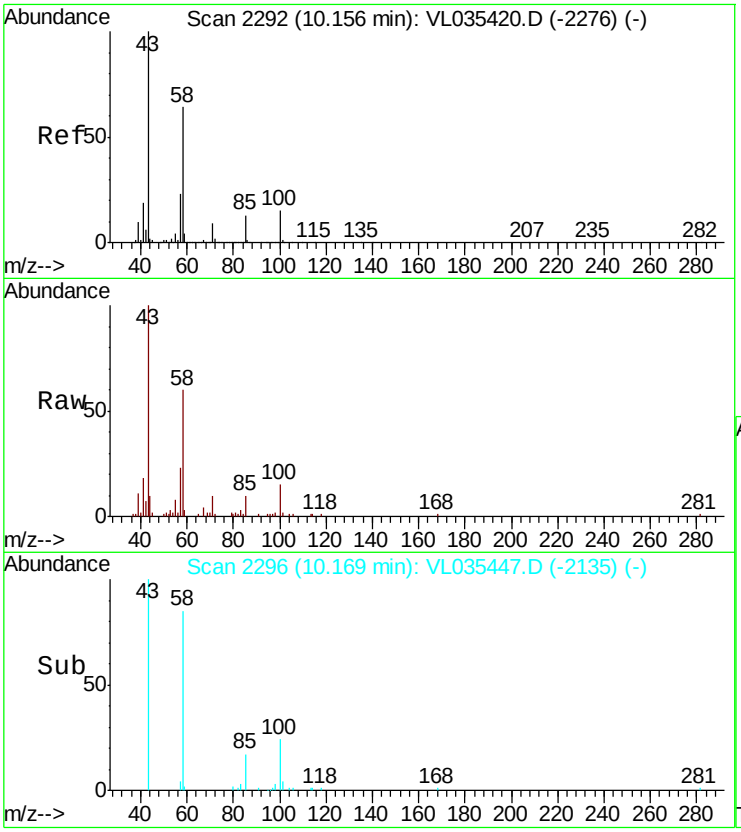


#50
4-Methyl-2-Pentanone
Concen: 1.502 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. 0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 43 Resp: 365798

Ion	Ratio	Lower	Upper
43	100		
58	45.0	28.7	43.1#



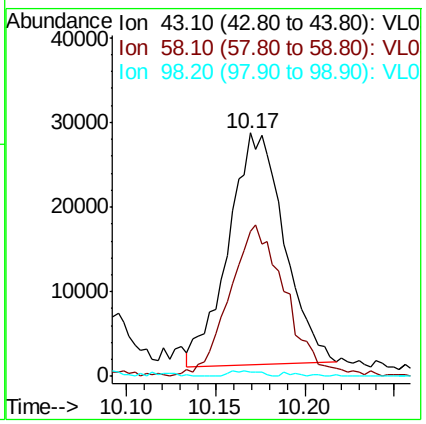


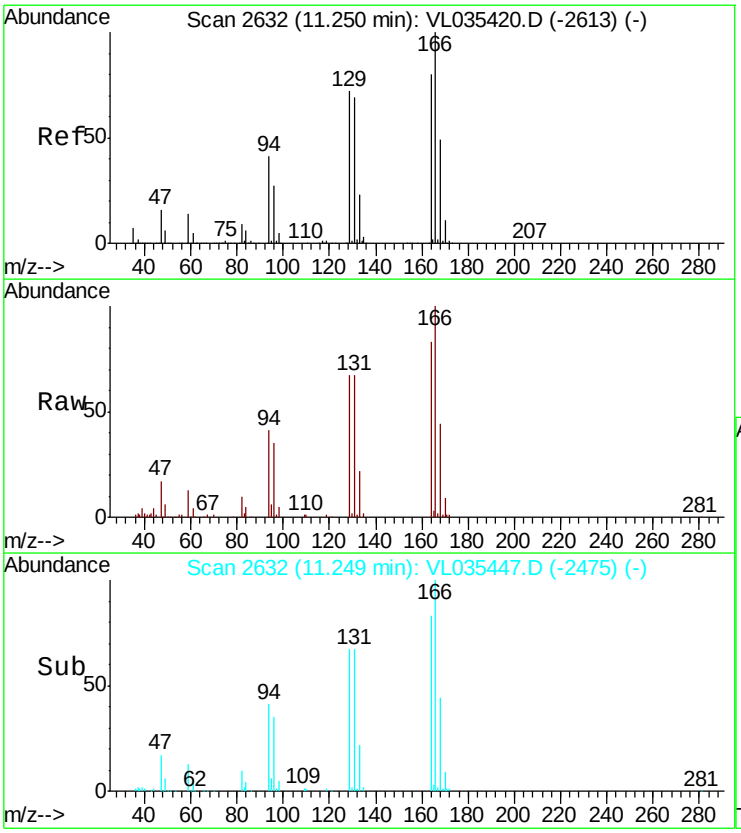
#51
2-Hexanone
Concen: 0.292 ppbv
RT: 10.17 min Scan# 2296
Delta R.T. 0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 59886

Ion	Ratio	Lower	Upper
43	100		
58	64.1	38.6	58.0#
98	1.8	0.2	0.2#

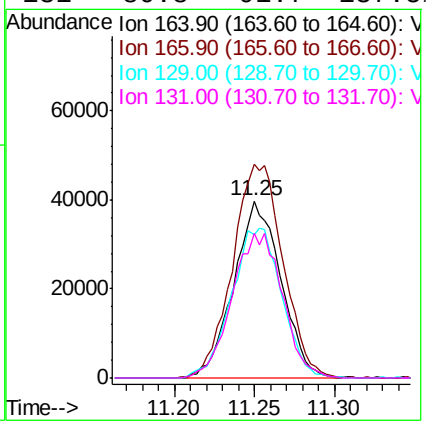


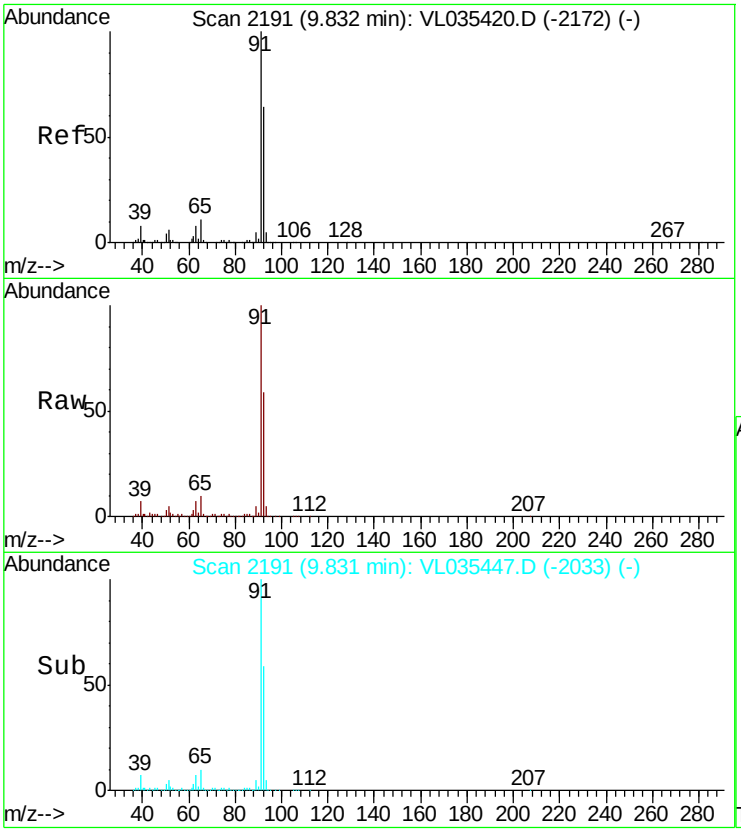


#52
Tetrachloroethene
Concen: 0.351 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:164 Resp: 79867

Ion	Ratio	Lower	Upper
164	100		
166	120.0	103.4	155.0
129	80.1	90.2	135.4#
131	80.8	91.7	137.5#



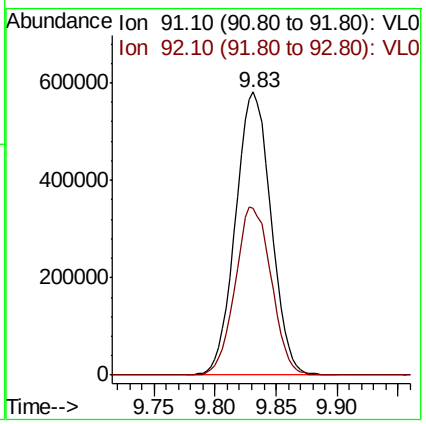


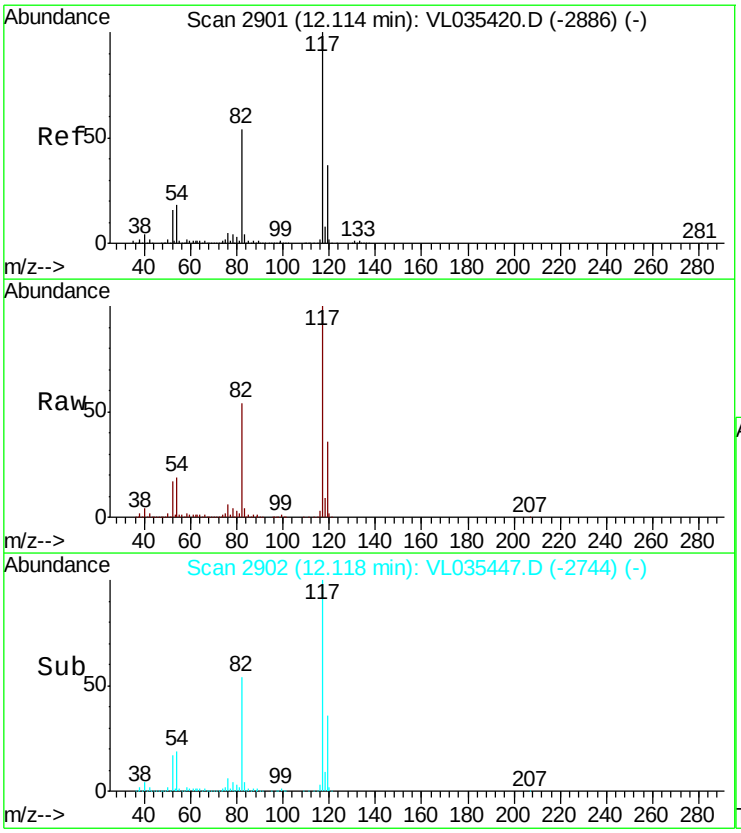
#53
Toluene
Concen: 2.432 ppbv
RT: 9.83 min Scan# 2191
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 1168754

Ion	Ratio	Lower	Upper
91	100		
92	60.4	49.1	73.7

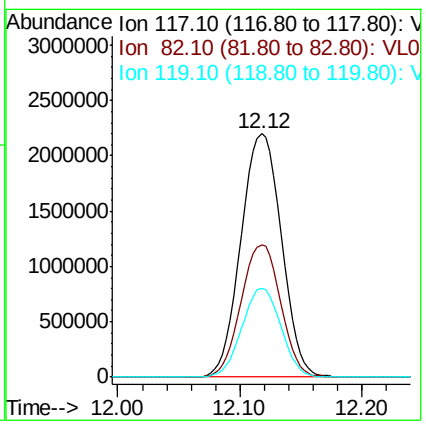


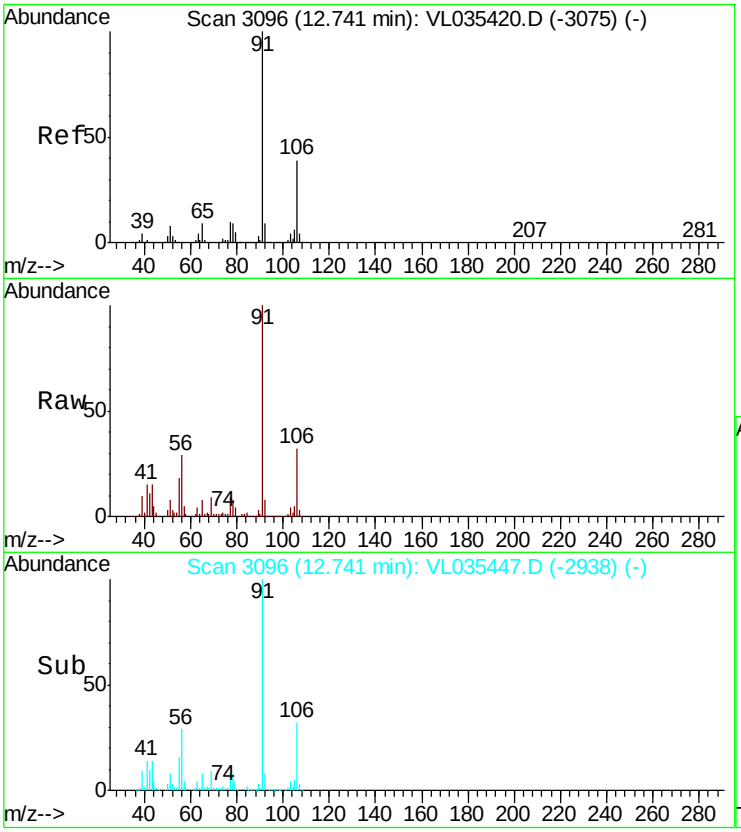


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:117 Resp: 5062973

Ion	Ratio	Lower	Upper
117	100		
82	53.4	57.4	86.0#
119	35.1	28.4	42.6



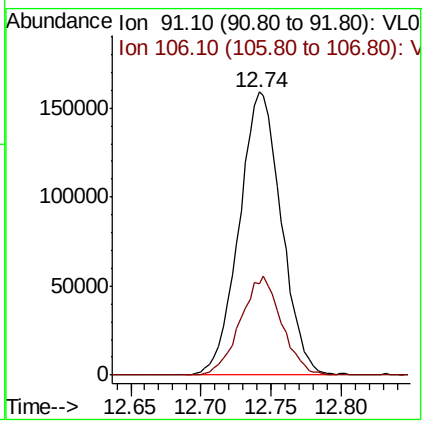


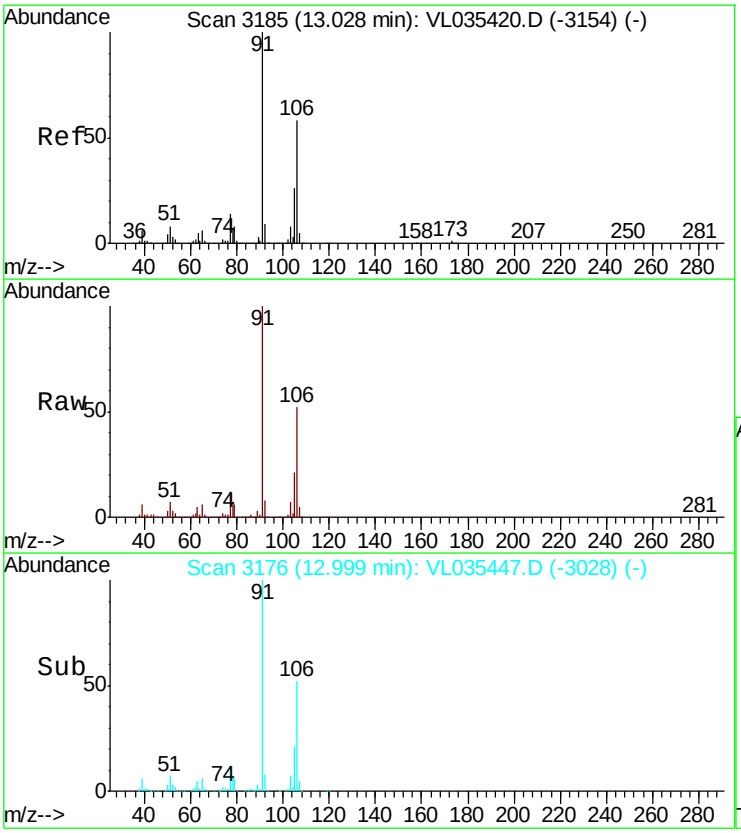
#58
Ethyl Benzene
Concen: 0.539 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 329724

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.1	36.1

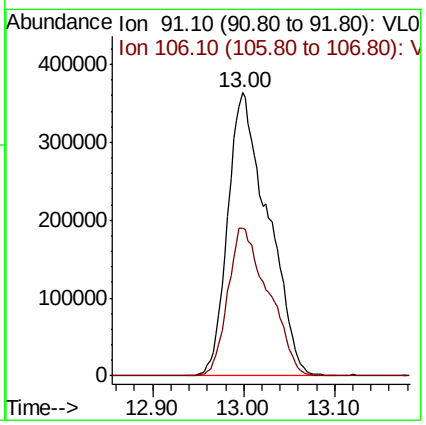


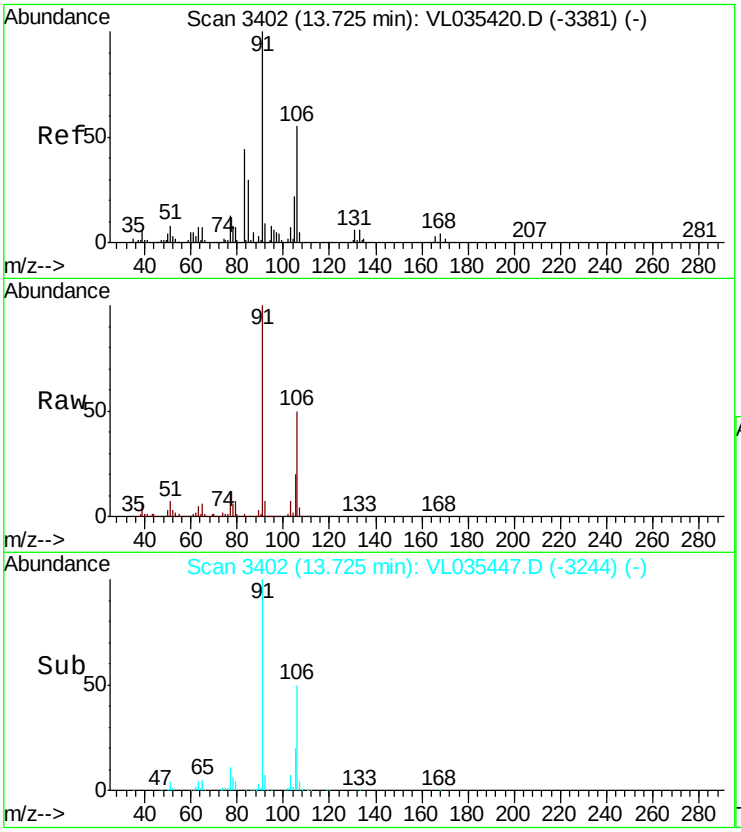


#59
m/p-Xylene
Concen: 2.159 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 91 Resp: 1115609

Ion	Ratio	Lower	Upper
91	100		
106	52.8	34.0	51.0#



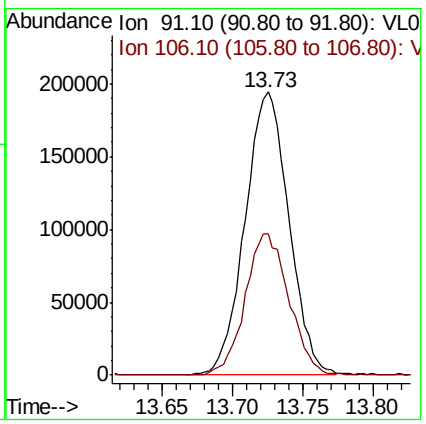


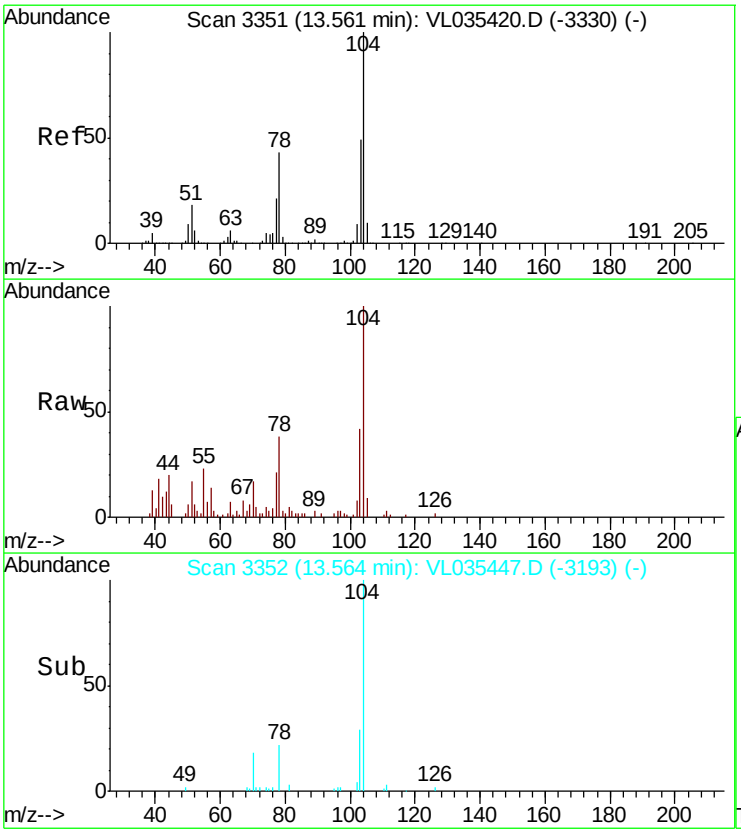
#60
o-Xylene
Concen: 0.836 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 419667

Ion	Ratio	Lower	Upper
91	100		
106	50.3	21.8	65.3

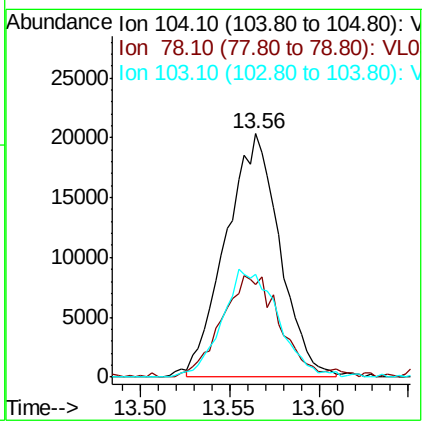


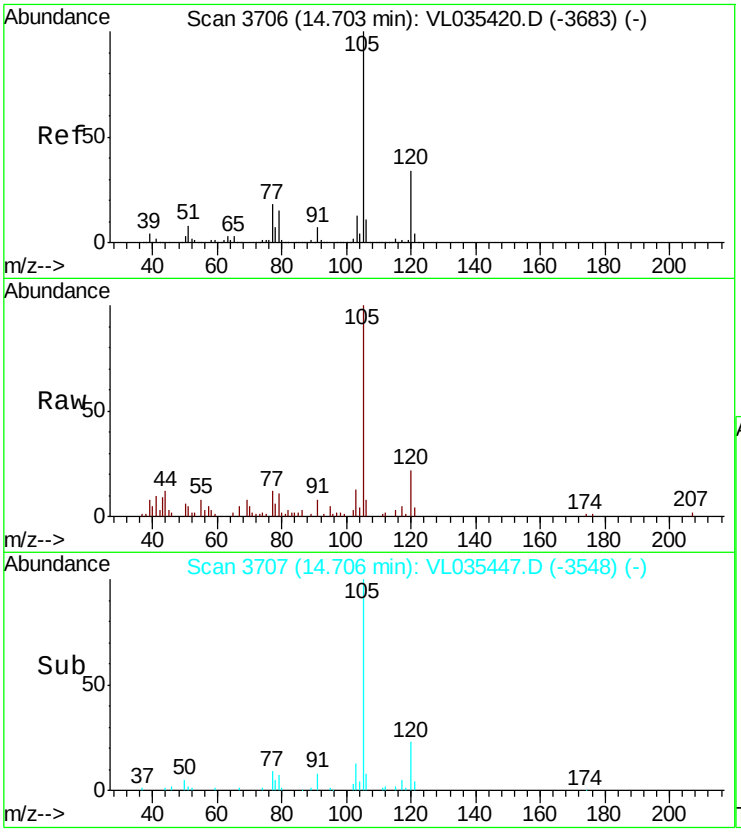


#61
Styrene
Concen: 0.105 ppbv
RT: 13.56 min Scan# 3352
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:104 Resp: 42765

Ion	Ratio	Lower	Upper
104	100		
78	45.9	45.4	68.2
103	46.2	37.8	56.8



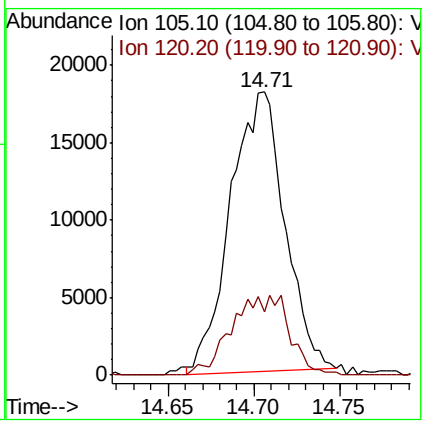


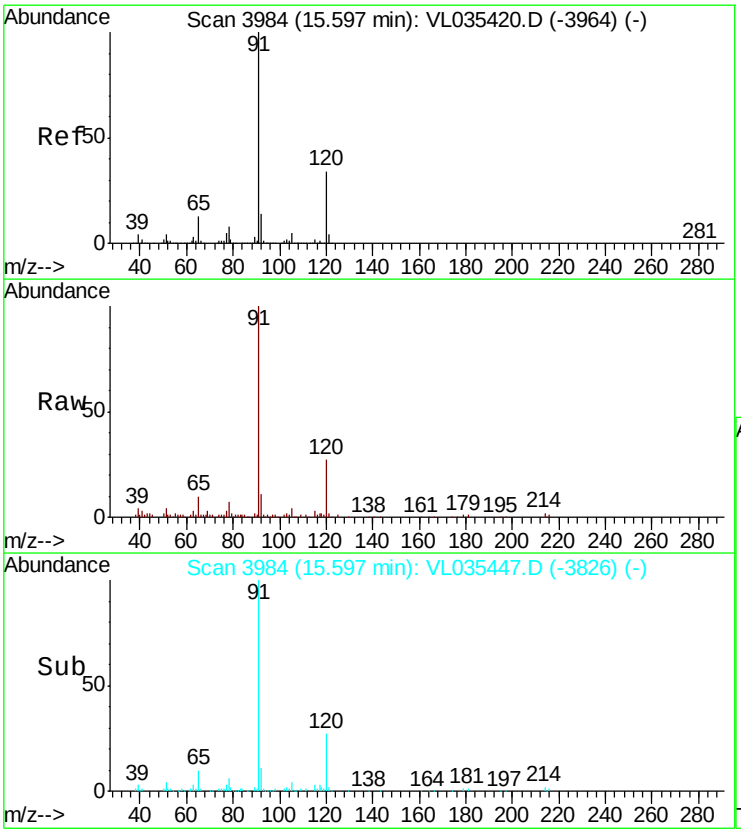
#62
Isopropylbenzene
Concen: 0.048 ppbv
RT: 14.71 min Scan# 3707
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 39766

Ion	Ratio	Lower	Upper
105	100		
120	30.3	20.3	30.5

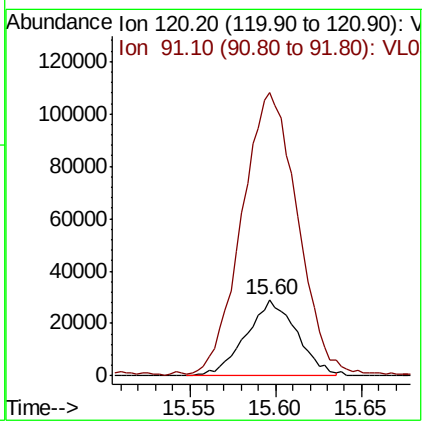


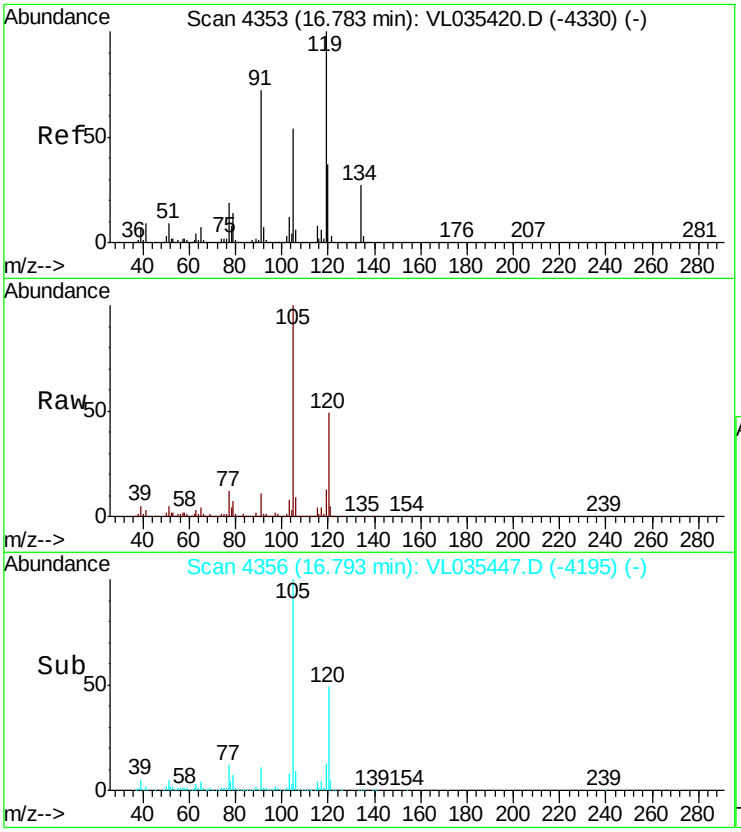


#64
n-propylbenzene
Concen: 0.234 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:120 Resp: 59432

Ion	Ratio	Lower	Upper
120	100		
91	413.4	385.5	578.3



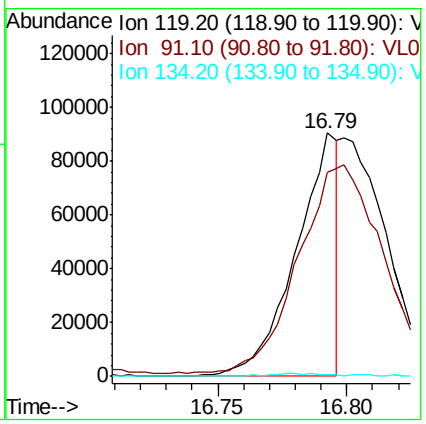


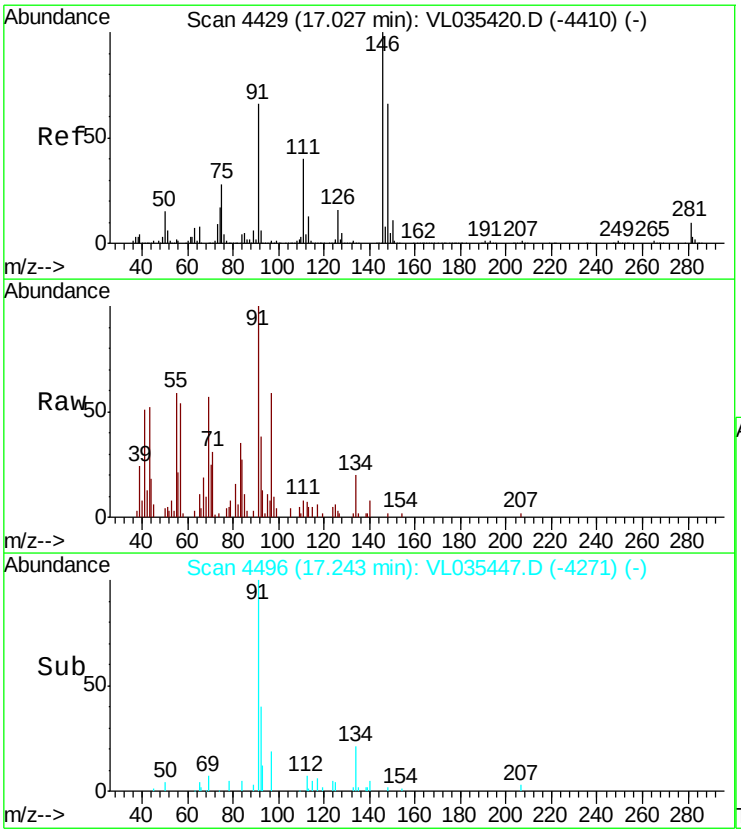
#65
tert-Butylbenzene
Concen: 0.126 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. 0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 101155

Ion	Ratio	Lower	Upper
119	100		
91	0.0	72.0	108.0#
134	1.8	15.7	23.5#

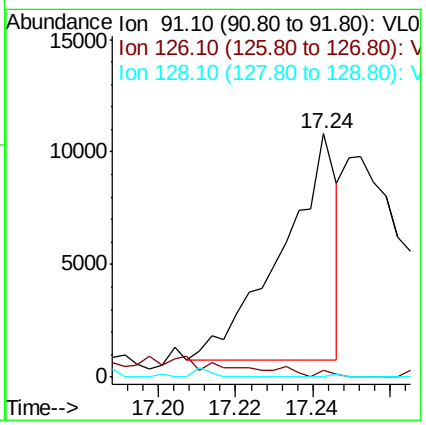


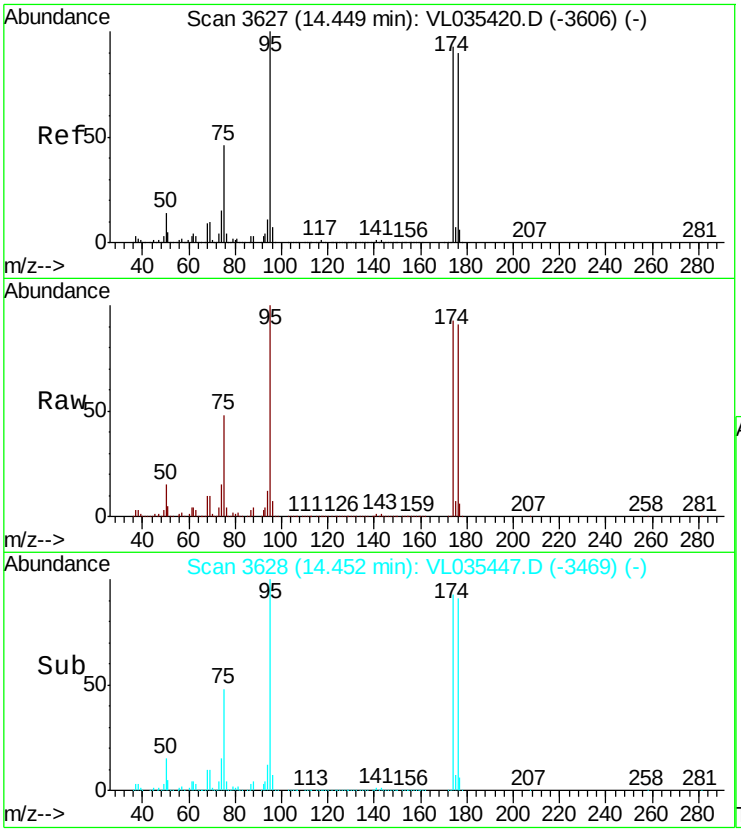


#66
Benzyl Chloride
Concen: 0.051 ppbv
RT: 17.24 min Scan# 4496
Delta R.T. 0.23 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 91 Resp: 9901

Ion	Ratio	Lower	Upper
91	100		
126	18.3	13.3	19.9
128	0.0	4.1	6.1#



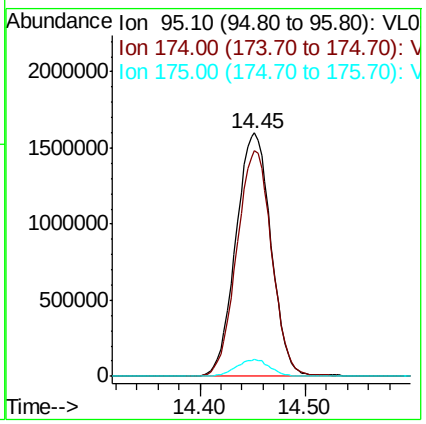


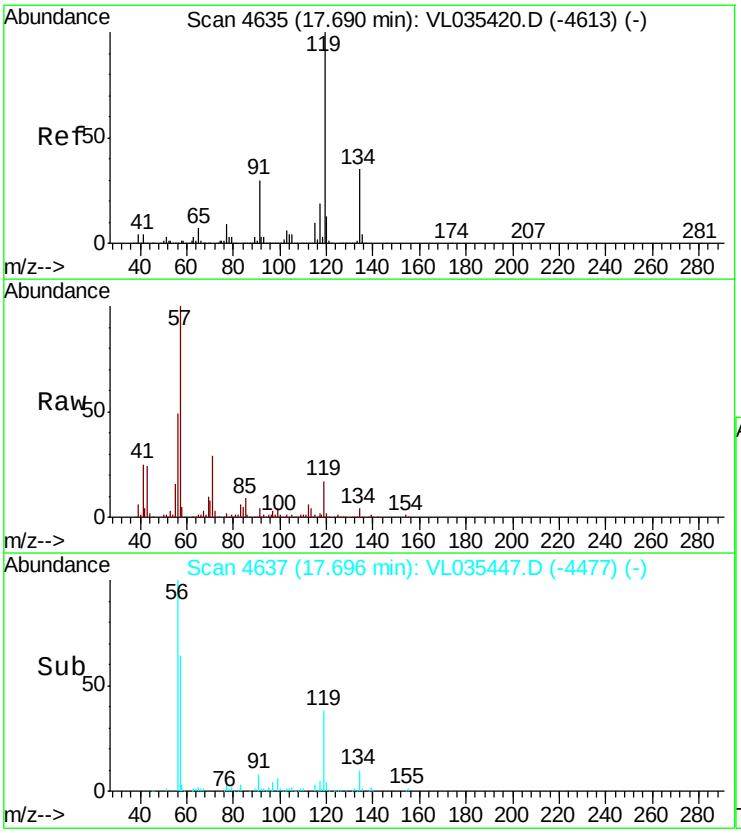
#68
1-Bromo-4-Fluorobenzene
Concen: 10.449 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 3703822

Ion	Ratio	Lower	Upper
95	100		
174	92.7	44.0	66.0#
175	6.8	3.2	4.8#

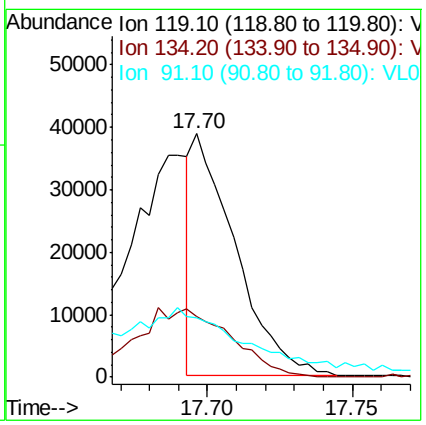


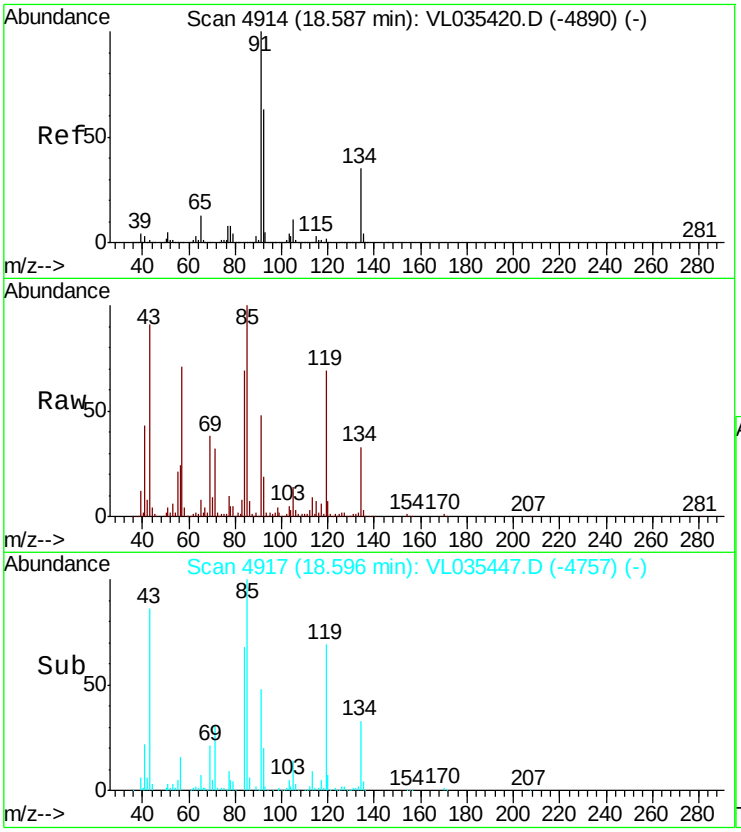


#69
p-Isopropyltoluene
Concen: 0.043 ppbv
RT: 17.70 min Scan# 4637
Delta R.T. 0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:119 Resp: 39822

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	30.8#
91	0.0	26.6	39.8#



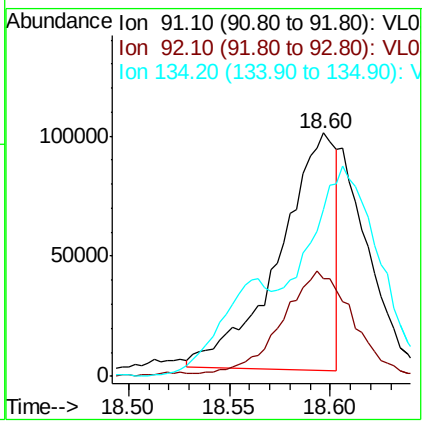


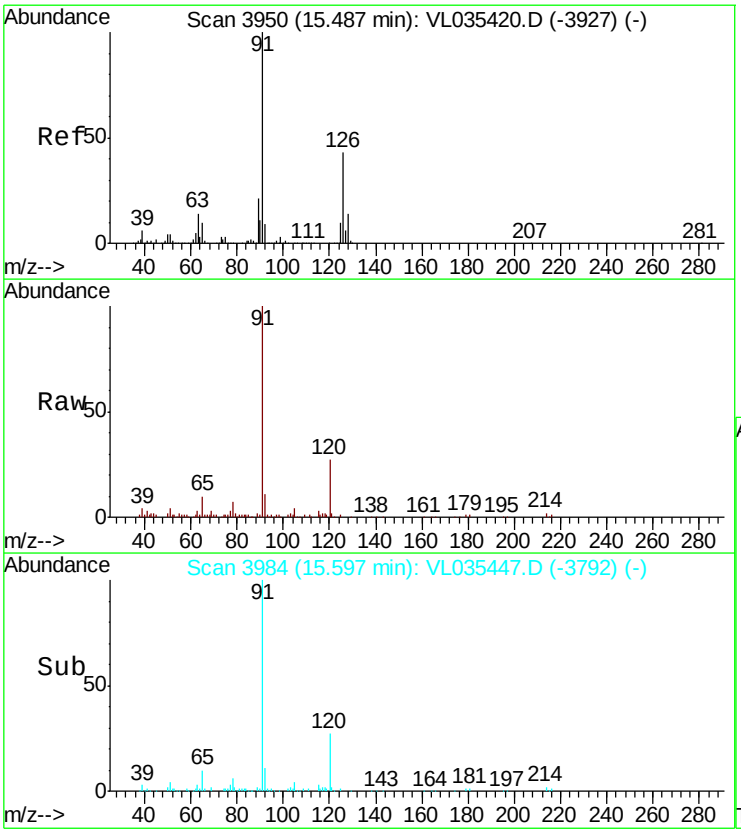
#70
n-Butylbenzene
Concen: 0.218 ppbv
RT: 18.60 min Scan# 4917
Delta R.T. 0.02 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 192587

Ion	Ratio	Lower	Upper
91	100		
92	57.7	44.8	67.2
134	0.0	17.3	25.9#

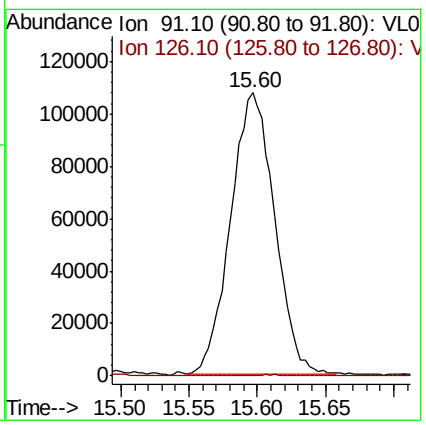


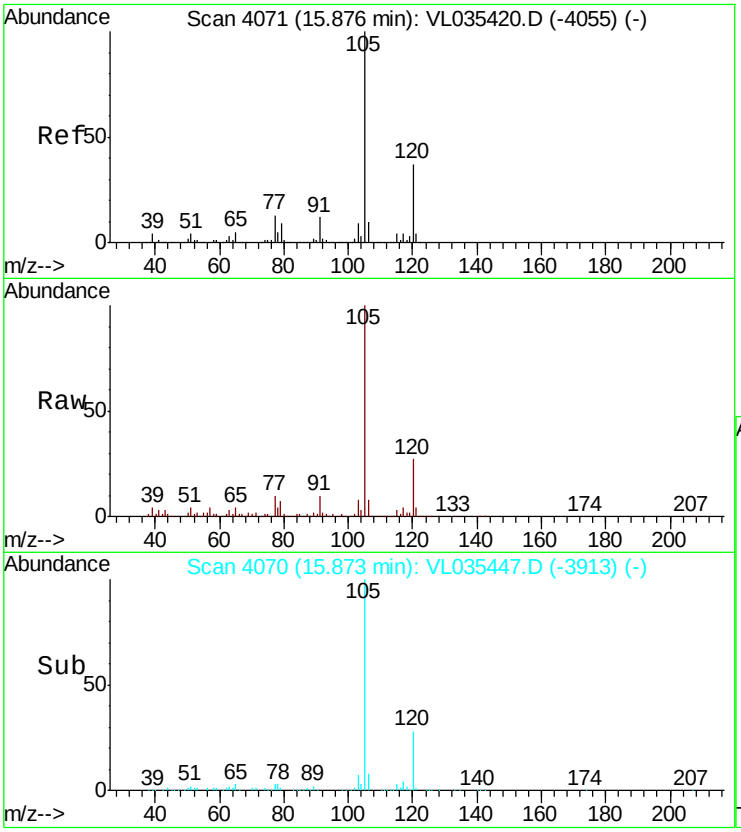


#71
2-Chlorotoluene
Concen: 0.401 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.12 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion: 91 Resp: 239260

Ion	Ratio	Lower	Upper
91	100		
126	0.3	11.4	45.6#



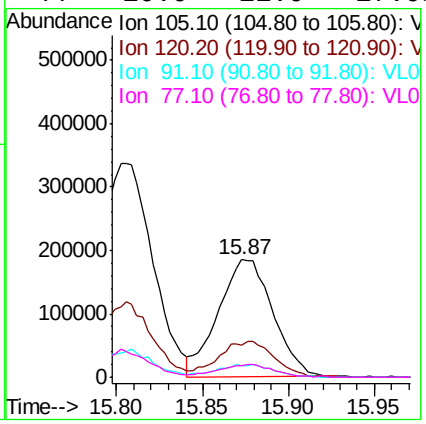


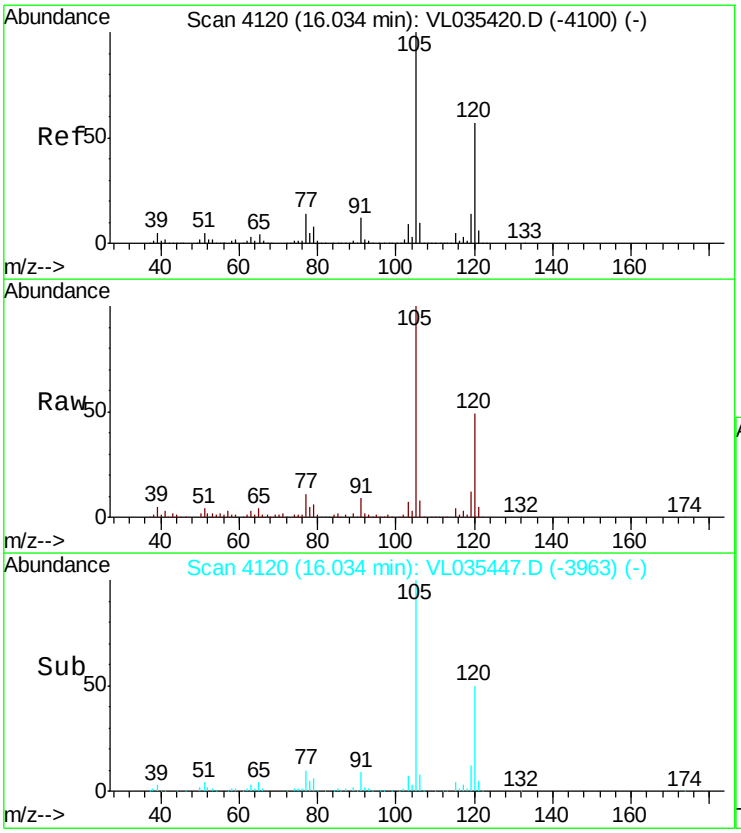
#72
4-Ethyltoluene
Concen: 0.619 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 407979

Ion	Ratio	Lower	Upper
105	100		
120	32.0	22.7	34.1
91	11.6	10.8	16.2
77	10.9	11.9	17.9#

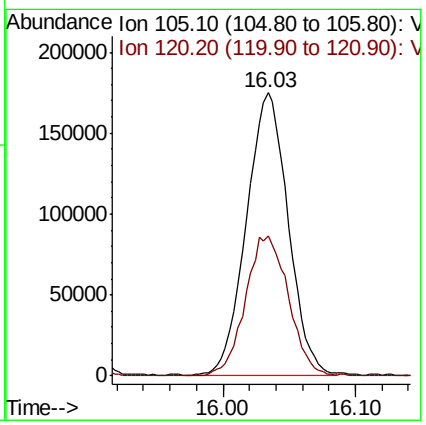


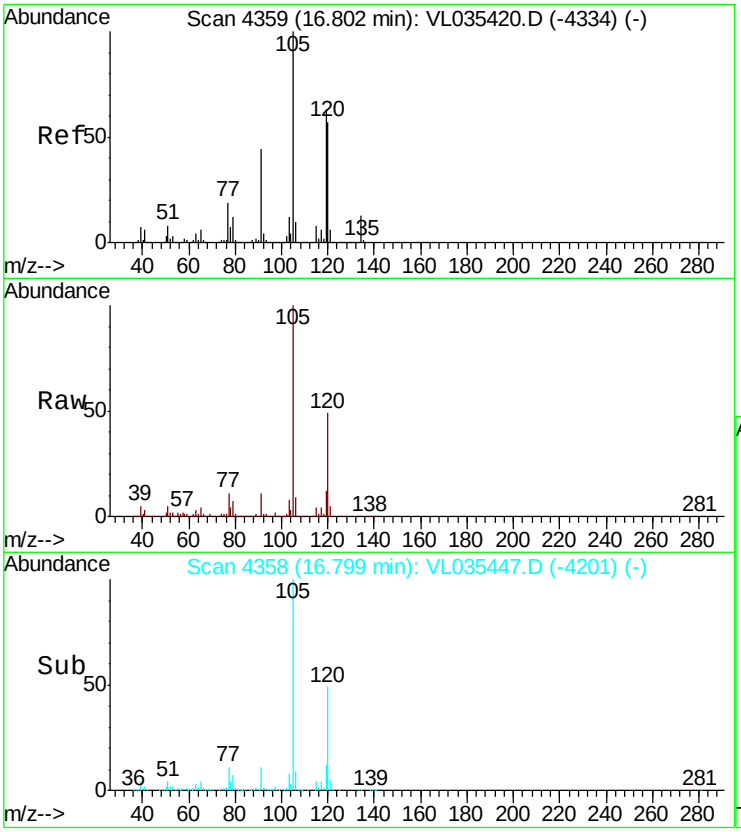


#73
1,3,5-Trimethylbenzene
Concen: 0.626 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:105 Resp: 383554

Ion	Ratio	Lower	Upper
105	100		
120	49.5	35.6	53.4



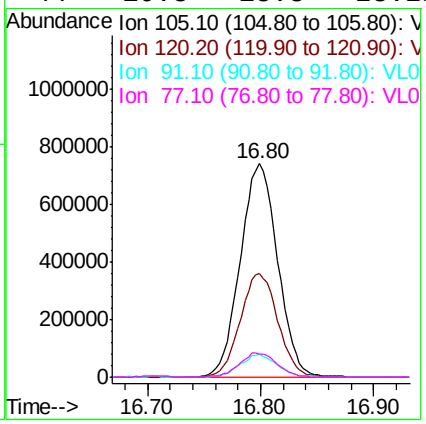


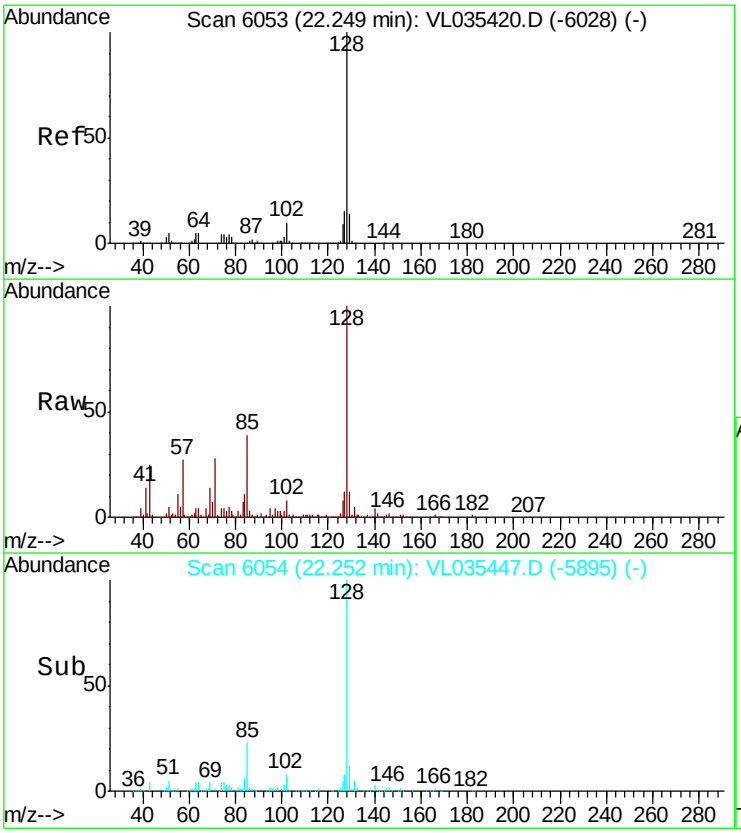
#74
1,2,4-Trimethylbenzene
Concen: 2.554 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 1701842

Ion	Ratio	Lower	Upper
105	100		
120	48.6	37.8	56.8
91	10.5	40.0	60.0#
77	10.8	18.8	28.2#

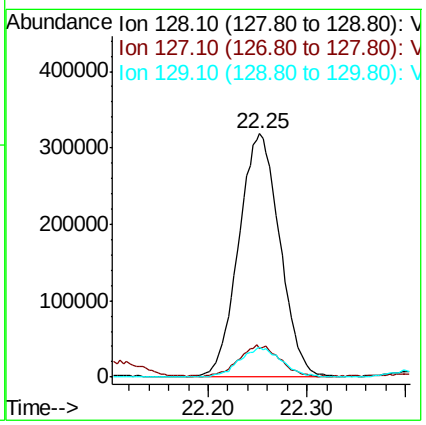


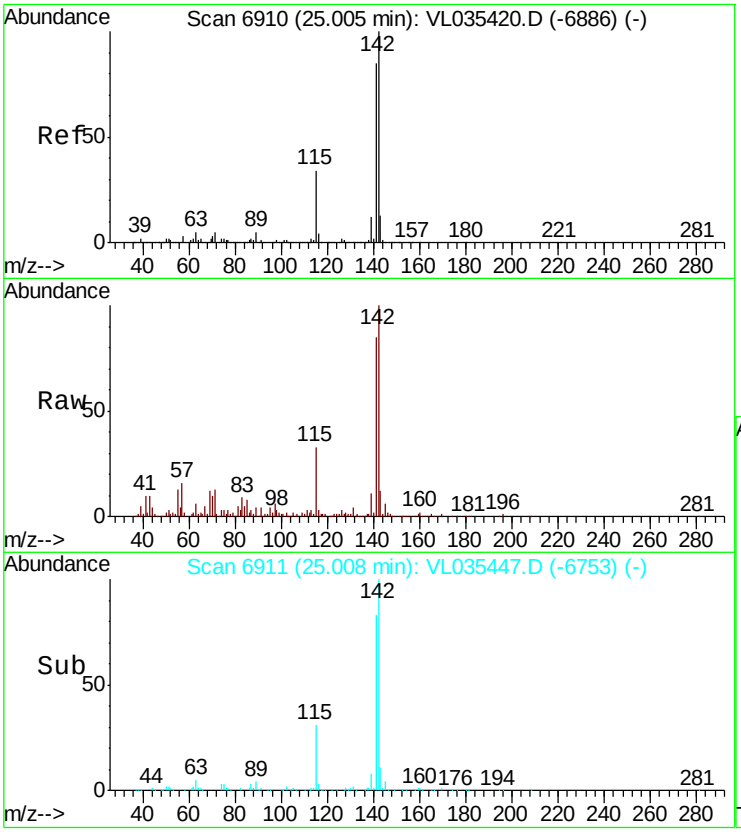


#79
Naphthalene
Concen: 0.976 ppbv
RT: 22.25 min Scan# 6054
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:128 Resp: 915911

Ion	Ratio	Lower	Upper
128	100		
127	11.6	11.4	17.0
129	12.1	9.5	14.3



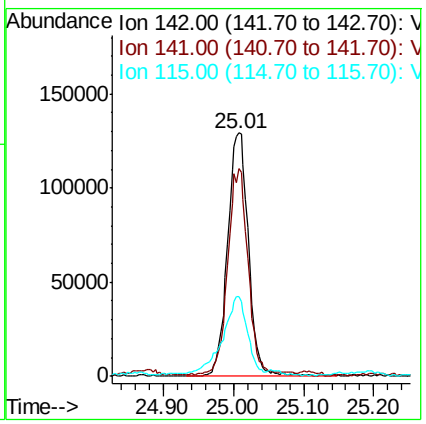


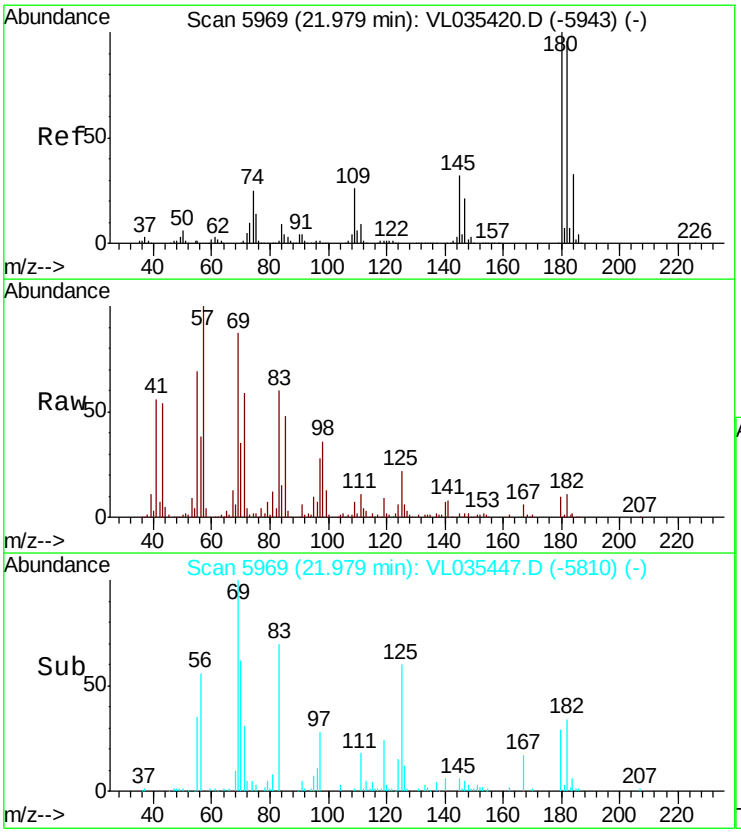
#80
Naphthalene,2-methyl-
Concen: 0.694 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 268958

Ion	Ratio	Lower	Upper
142	100		
141	83.3	67.1	100.7
115	42.8	36.1	54.1





#81
1,2,4-Trichlorobenzene
Concen: 0.034 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. 0.01 min
Lab File: VL035447.D
Acq: 18 Aug 2020 18:32

Tgt Ion:180 Resp: 19268

Ion	Ratio	Lower	Upper
180	100		
182	113.9	76.6	115.0
184	34.3	24.8	37.2