Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035560.D
Acq On : 8 Sep 2020 17:30
Operator : SY/AP
Sample : L3936-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Quant Time: Sep 09 02:37:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1039067	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.18	114	4447061	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.09	117	4448933	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3346769	10.59	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	48834	0.271	ppbv		98
3) Chlorodifluoromethane	2.98	51	72405	0.630	ppbv	#	82
4) Chloromethane	3.13	50	31499	0.512	ppbv	#	86
9) Propene	3.20	41	117639	2.655	ppbv		94
10) Heptane	8.13	43	63651	0.535	ppbv		95
11) Trichlorofluoromethane	3.94	101	66133	0.252	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.48	101	14478	0.073	ppbv		96
13) Ethanol	3.60	45	725198	66.019	ppbv		97
15) Acetone	3.84	43	1941908	16.945	ppbv		100
16) 1,3-Butadiene	3.30	39	83106	1.948	ppbv	#	27
17) tert-Butyl alcohol	4.30	59	29456	0.211	ppbv	#	72
19) Isopropyl Alcohol	3.97	45	207847	3.040	ppbv	#	1
20) Methylene Chloride	4.34	84	489399	5.734	ppbv		97
21) Allyl Chloride	4.37	41	3268	0.061	ppbv	#	1
23) Vinyl Acetate	5.06	43	49652	0.338	ppbv	#	51
25) Ethyl Acetate	5.68	43	155893	0.770	ppbv	#	81
26) Hexane	5.68	57	218797	1.907	ppbv	#	55
27) Carbon Disulfide	4.55	76	56219	0.342	ppbv	#	87
29) Chloroform	5.75	83	17171	0.073	ppbv		86
30) Cyclohexane	7.13	84	12606	0.103	ppbv	#	8
34) 2-Butanone	5.25	43	167105	1.266	ppbv		100
35) Carbon Tetrachloride	7.02	117	14632	0.065	ppbv		97
36) Benzene	6.89	78	144460	0.502	ppbv	#	95
39) 1,2-Dichloropropane	7.18	63	809378	8.323	ppbv	#	32
41) Tetrahydrofuran	6.06	42	4312	0.062	ppbv	#	52
44) 2,2,4-Trimethylpentane	7.87	57	302615	0.799	ppbv		92
50) 4-Methyl-2-Pentanone	8.75	43	28983	0.152	ppbv	#	30
51) 2-Hexanone	10.06	43	6674	0.043	ppbv	#	95
52) Tetrachloroethene	11.23	164	6967	0.041	ppbv		93
53) Toluene	9.81	91	5108993	14.113	ppbv		98
58) Ethyl Benzene	12.72	91	268923	0.586	ppbv		93
59) m/p-Xylene	12.98	91	875308	2.283	ppbv		97
60) o-Xylene	13.70	91	291450	0.755	ppbv		96
61) Styrene	13.53	104	76723	0.260	ppbv		97
64) n-propylbenzene	15.57	120	18560	0.098	ppbv	#	51
65) tert-Butylbenzene	16.77	119	32048	0.056	ppbv	#	24
69) p-Isopropyltoluene	17.67	119	20469	0.030	ppbv		97
71) 2-Chlorotoluene	15.57	91	81668	0.181	ppbv	#	38
72) 4-Ethyltoluene	15.85	105	119182	0.243	ppbv		96
73) 1,3,5-Trimethylbenzene	16.01	105	121048	0.267	ppbv		96
74) 1,2,4-Trimethylbenzene	16.77	105	459190	0.921	ppbv	#	72

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035560.D
Acq On : 8 Sep 2020 17:30
Operator : SY/AP
Sample : L3936-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Quant Time: Sep 09 02:37:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Naphthalene	22.23	128	21321	0.039	ppbv		94
80) Naphthalene,2-methyl-	25.00	142	8347	0.044	ppbv	#	90

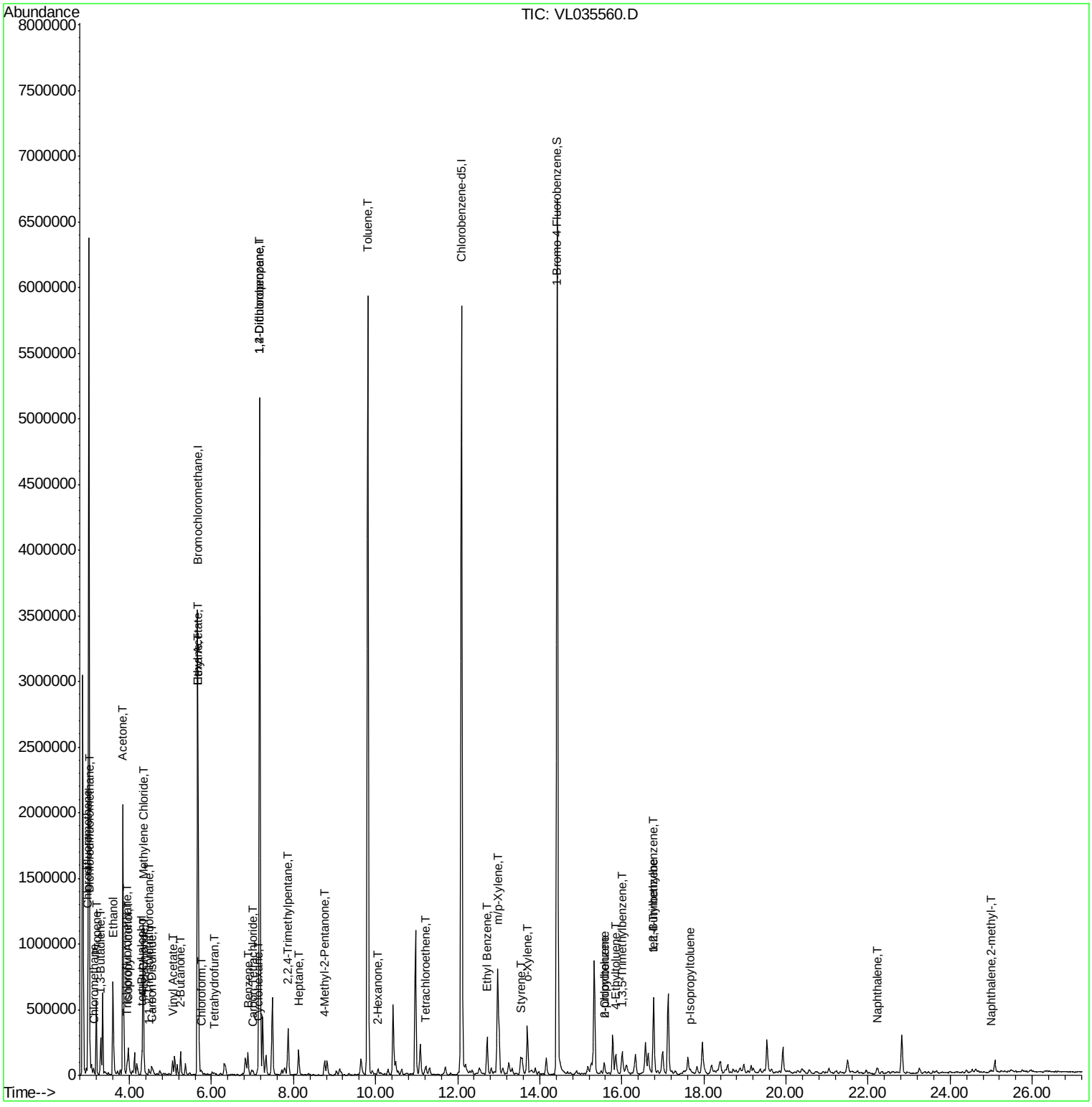
(#) = qualifier out of range (m) = manual integration (+) = signals summed

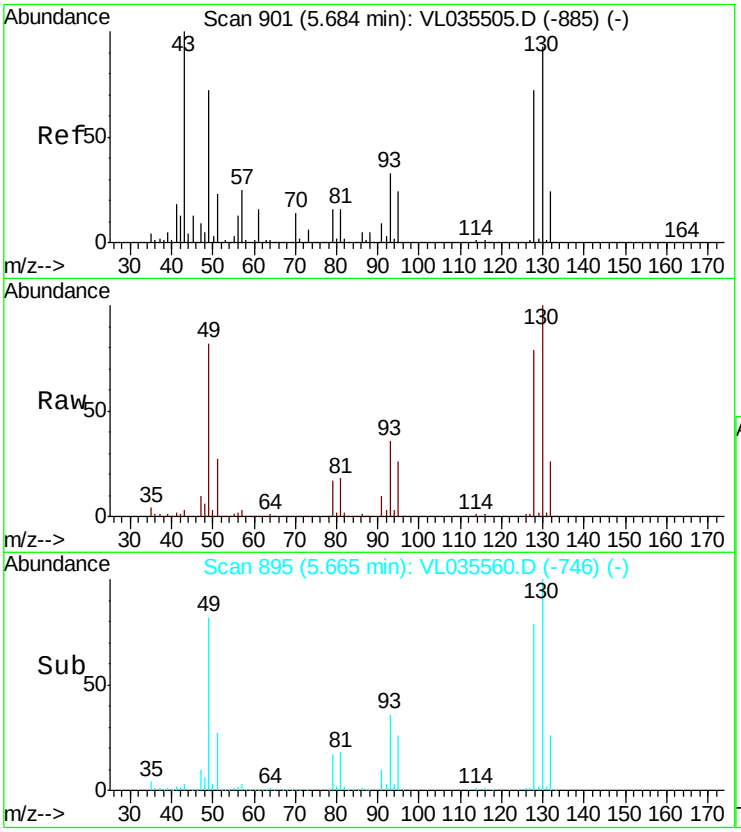
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035560.D
Acq On : 8 Sep 2020 17:30
Operator : SY/AP
Sample : L3936-02DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Quant Time: Sep 09 02:37:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration



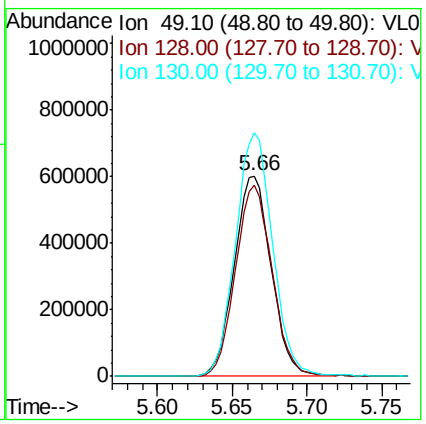


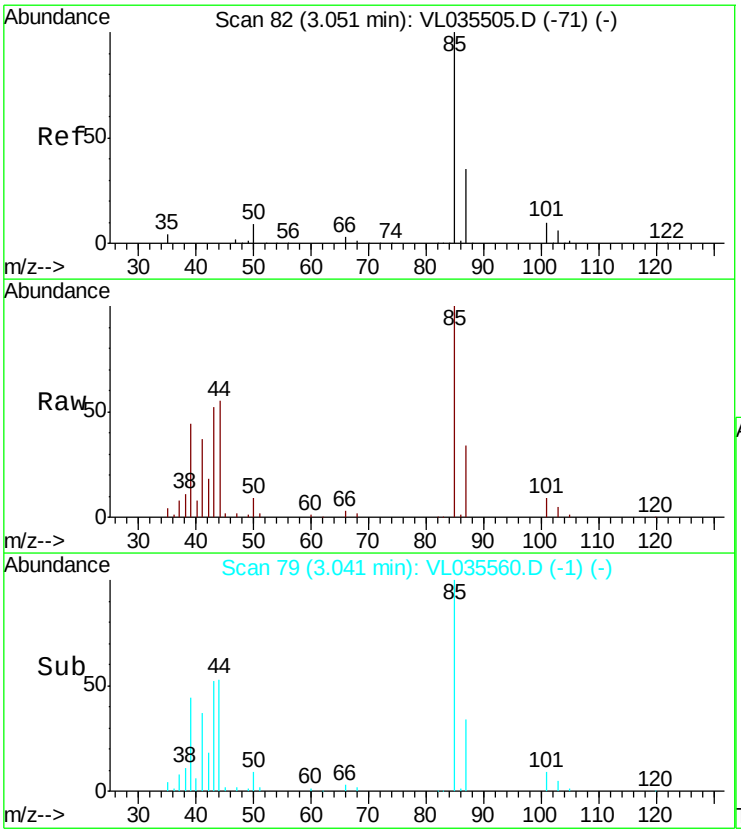
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 49 Resp: 1039067

Ion	Ratio	Lower	Upper
49	100		
128	95.2	50.0	150.1
130	122.6	64.4	193.2

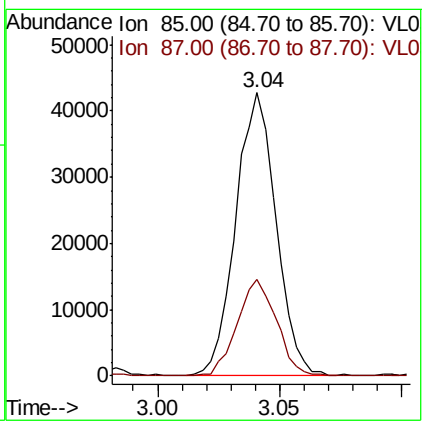


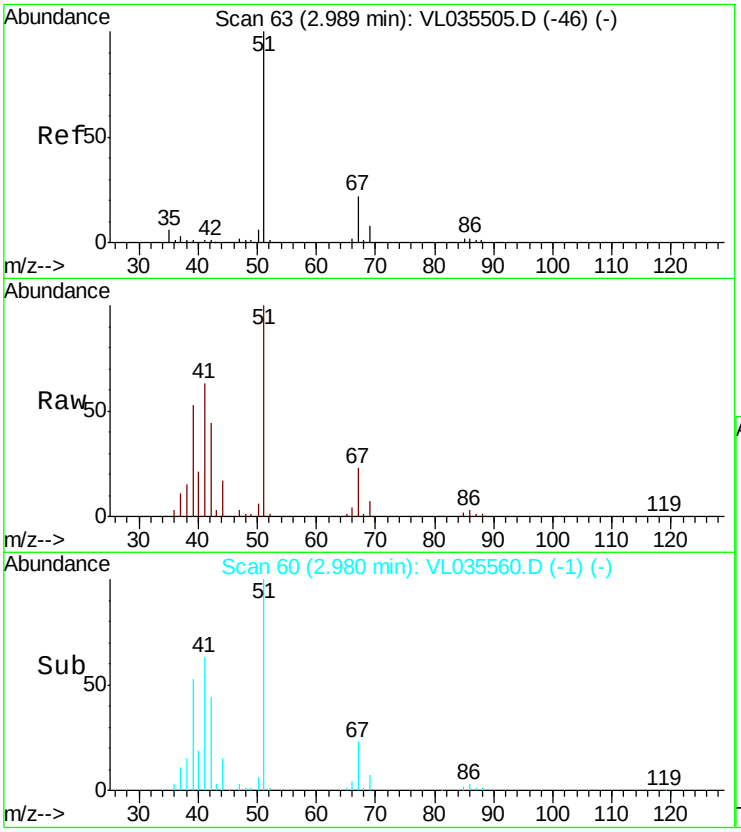


#2
Dichlorodifluoromethane
Concen: 0.271 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 85 Resp: 48834

Ion	Ratio	Lower	Upper
85	100		
87	34.0	28.0	42.0



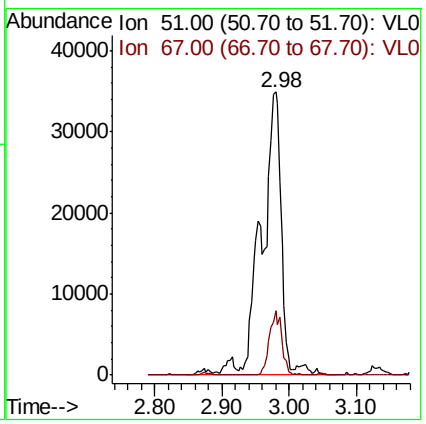


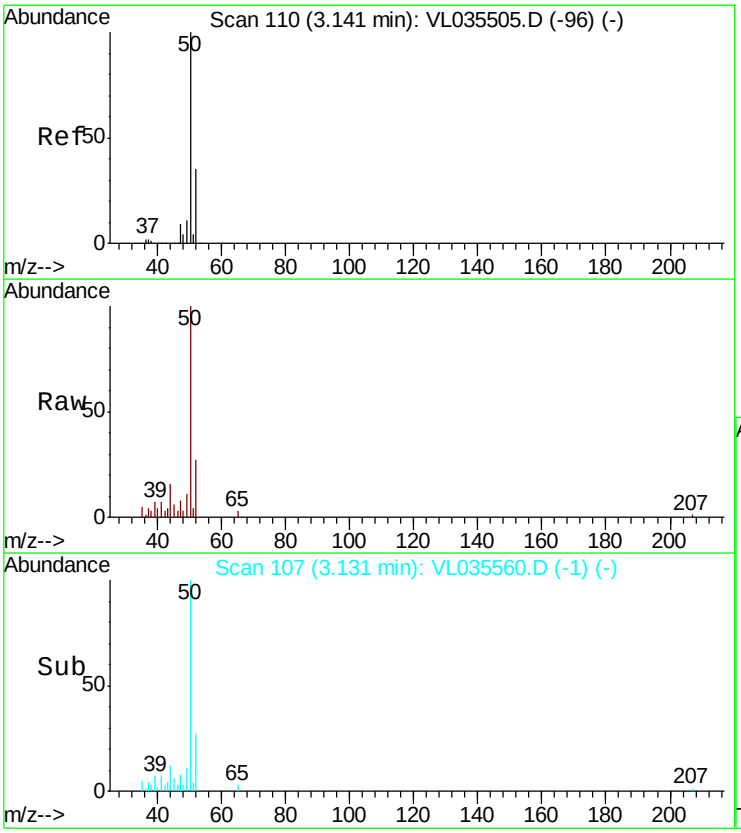
#3
Chlorodifluoromethane
Concen: 0.630 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 51 Resp: 72405

Ion	Ratio	Lower	Upper
51	100		
67	13.6	17.8	26.8#

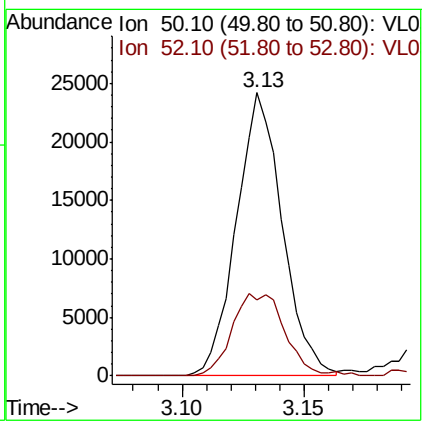


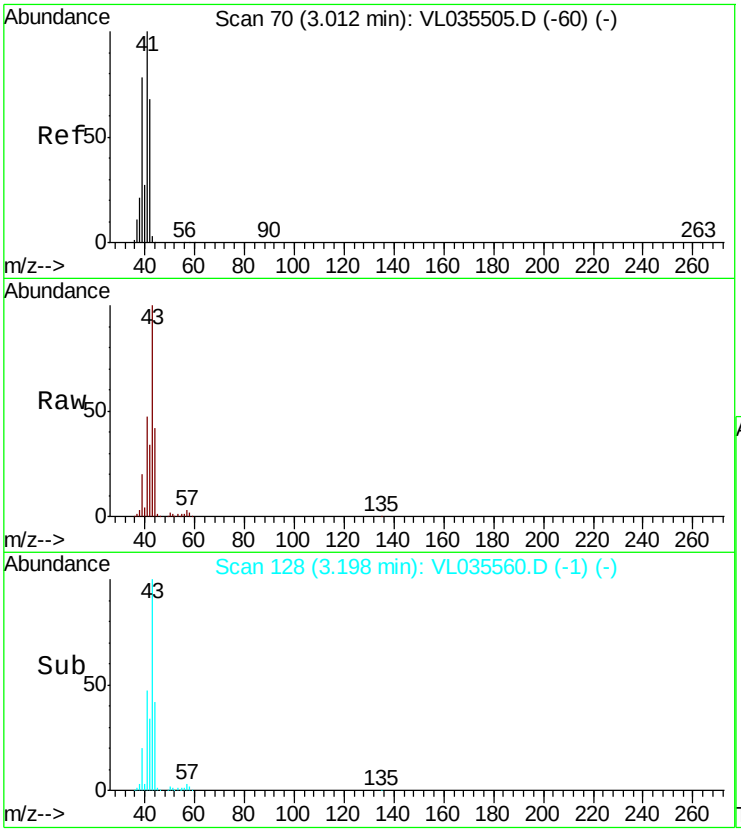


#4
Chloromethane
Concen: 0.512 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 50 Resp: 31499

Ion	Ratio	Lower	Upper
50	100		
52	26.7	27.7	41.5#



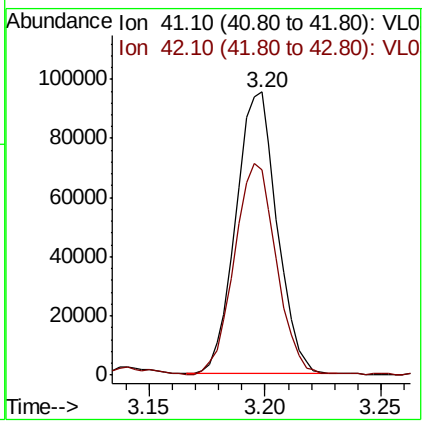


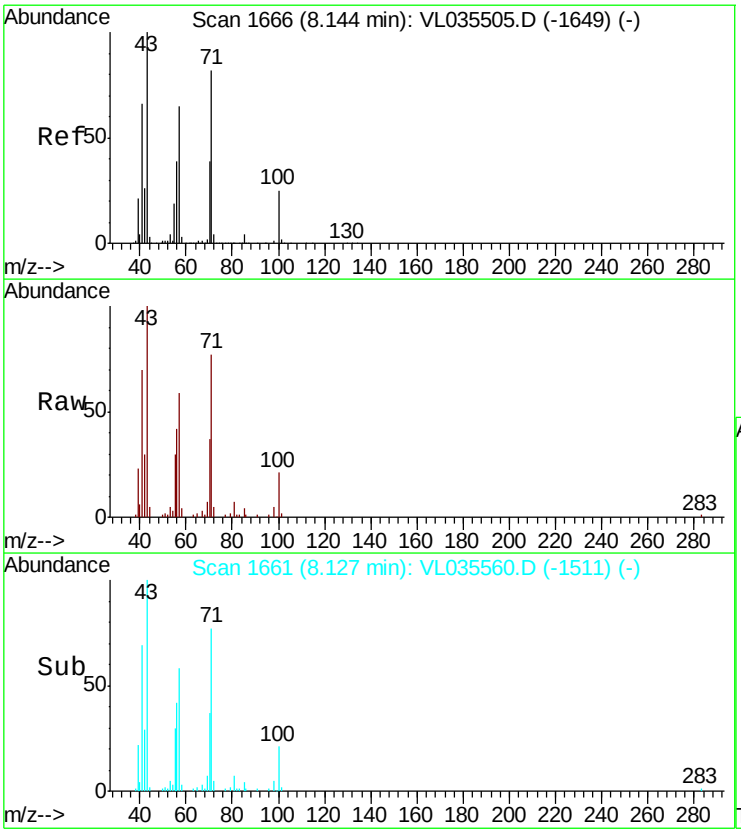
#9
Propene
Concen: 2.655 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.19 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 41 Resp: 117639

Ion	Ratio	Lower	Upper
41	100		
42	75.7	56.3	84.5

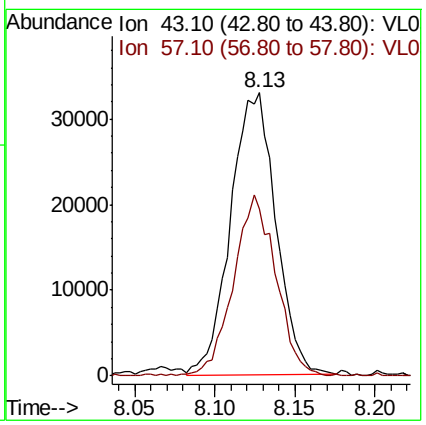


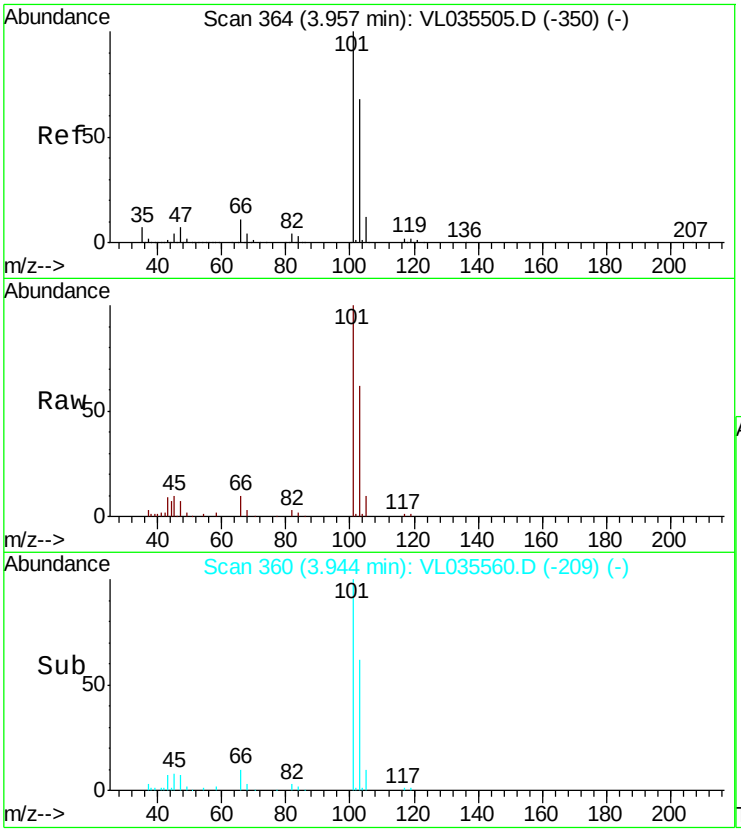


#10
Heptane
Concen: 0.535 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 43 Resp: 63651

Ion	Ratio	Lower	Upper
43	100		
57	60.3	51.4	77.0



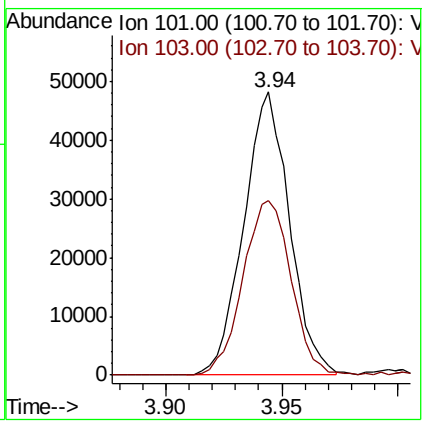


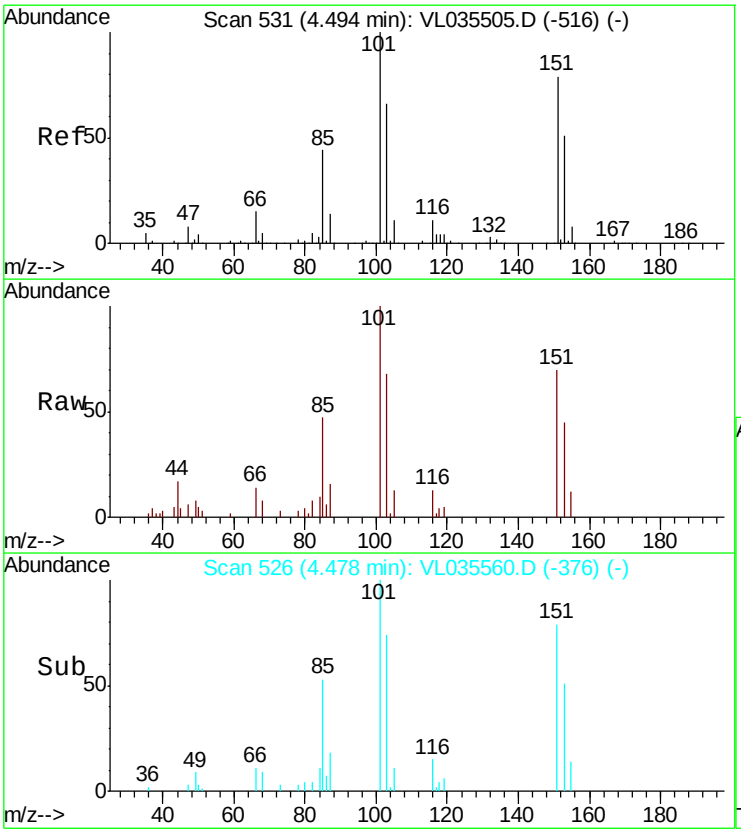
#11
Trichlorofluoromethane
Concen: 0.252 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:101 Resp: 66133

Ion	Ratio	Lower	Upper
101	100		
103	61.6	54.5	81.7

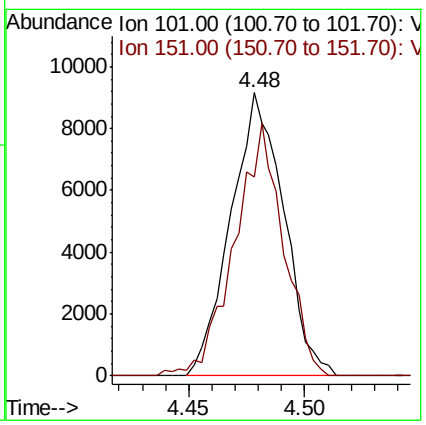


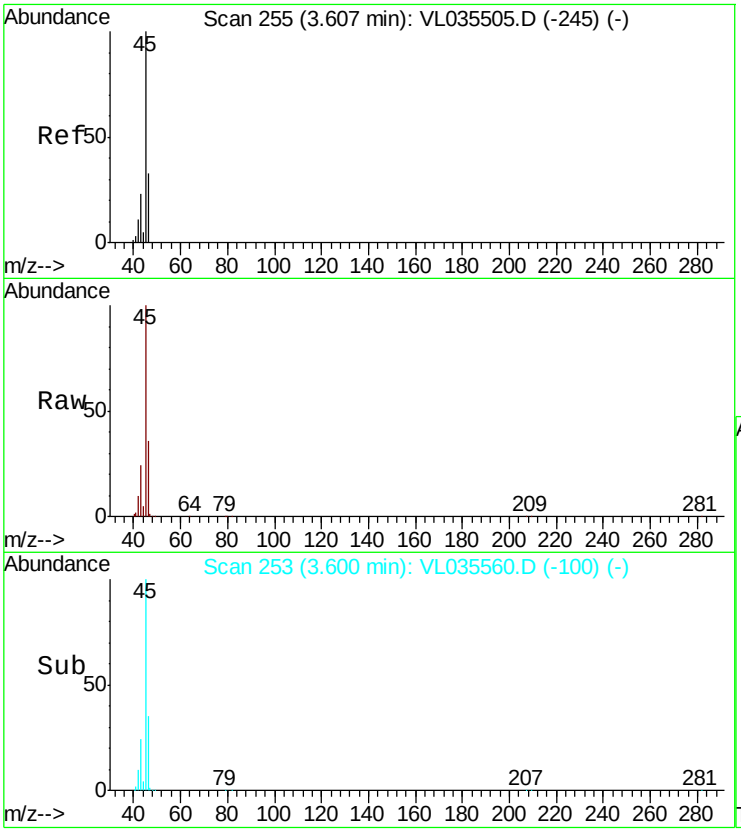


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.073 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion:101 Resp: 14478

Ion	Ratio	Lower	Upper
101	100		
151	82.6	63.5	95.3



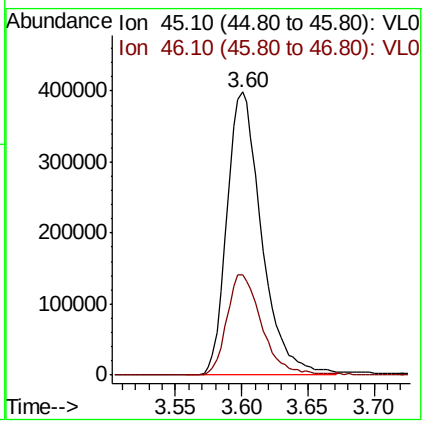


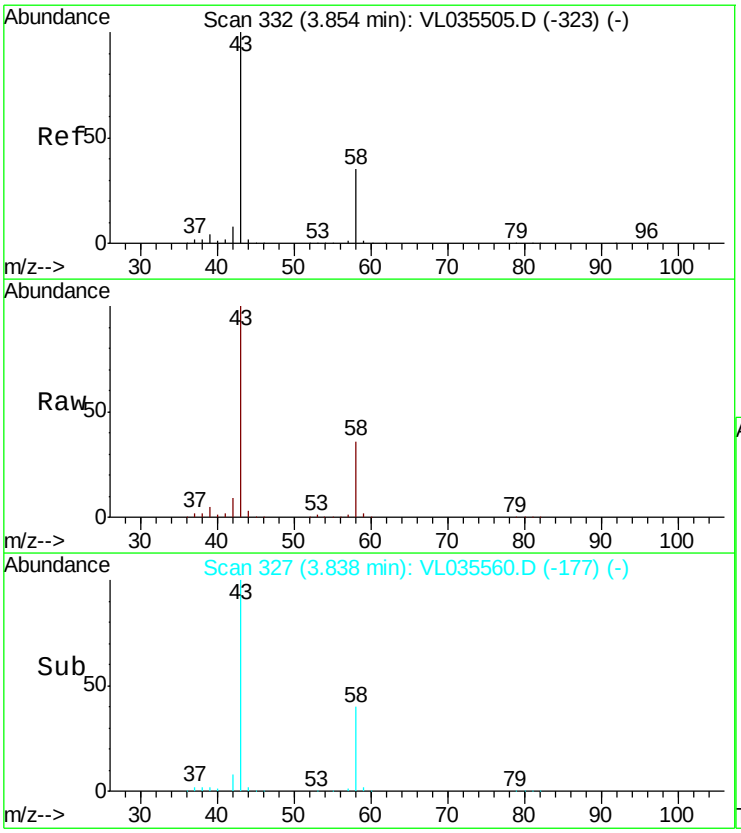
#13
Ethanol
Concen: 66.019 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 45 Resp: 725198

Ion	Ratio	Lower	Upper
45	100		
46	36.3	15.2	60.6

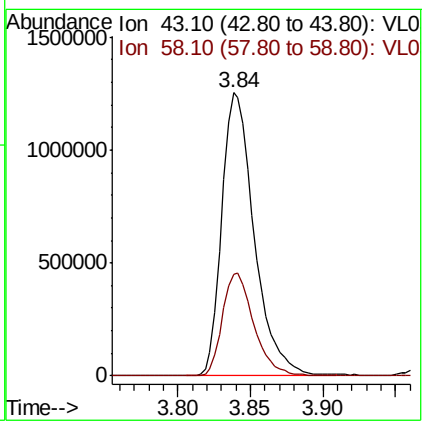


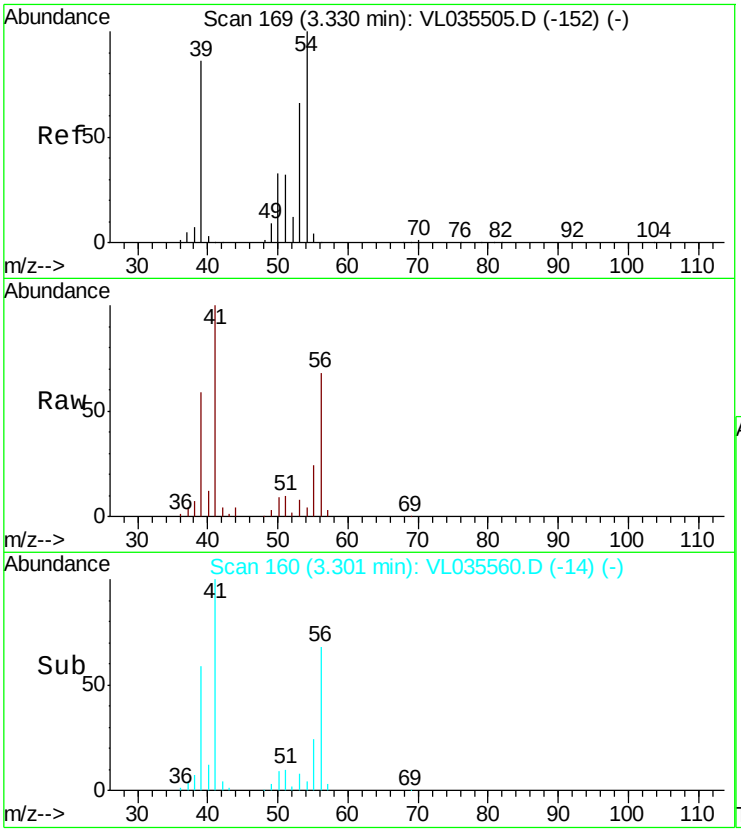


#15
Acetone
Concen: 16.945 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 43 Resp: 1941908

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.4	42.6



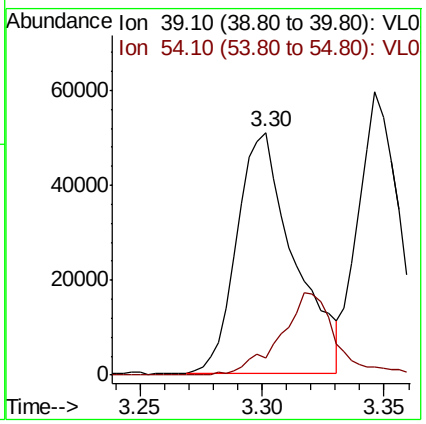


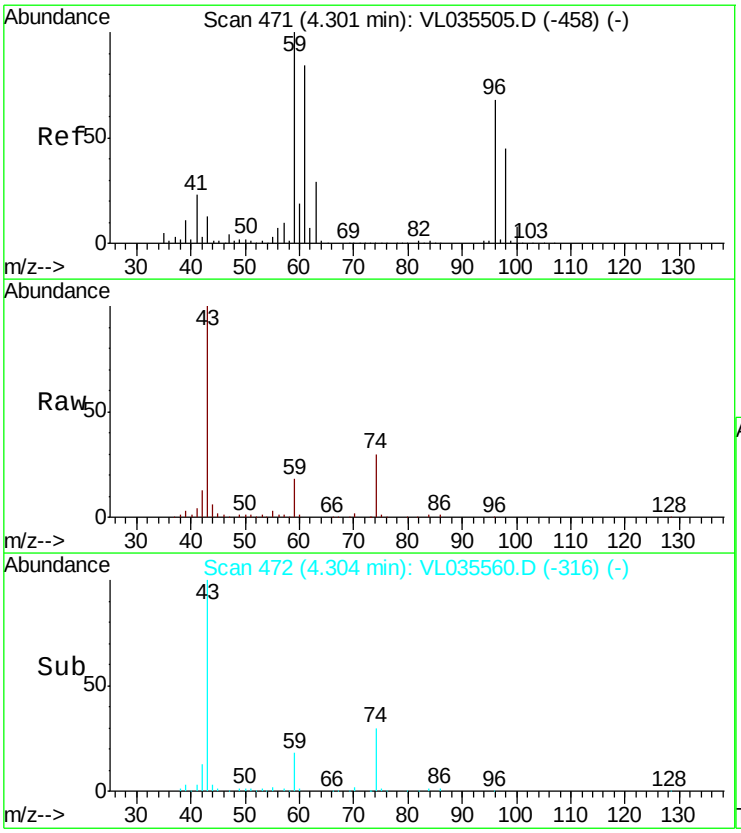
#16
1,3-Butadiene
Concen: 1.948 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 39 Resp: 83106

Ion	Ratio	Lower	Upper
39	100		
54	33.2	88.4	132.6#

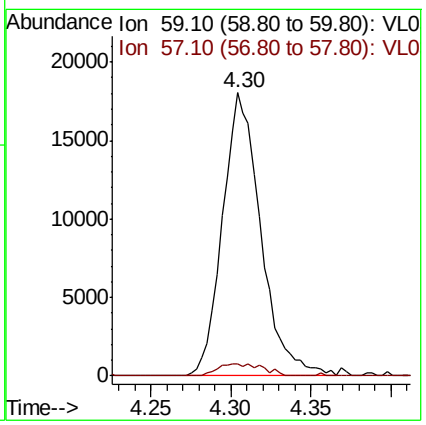


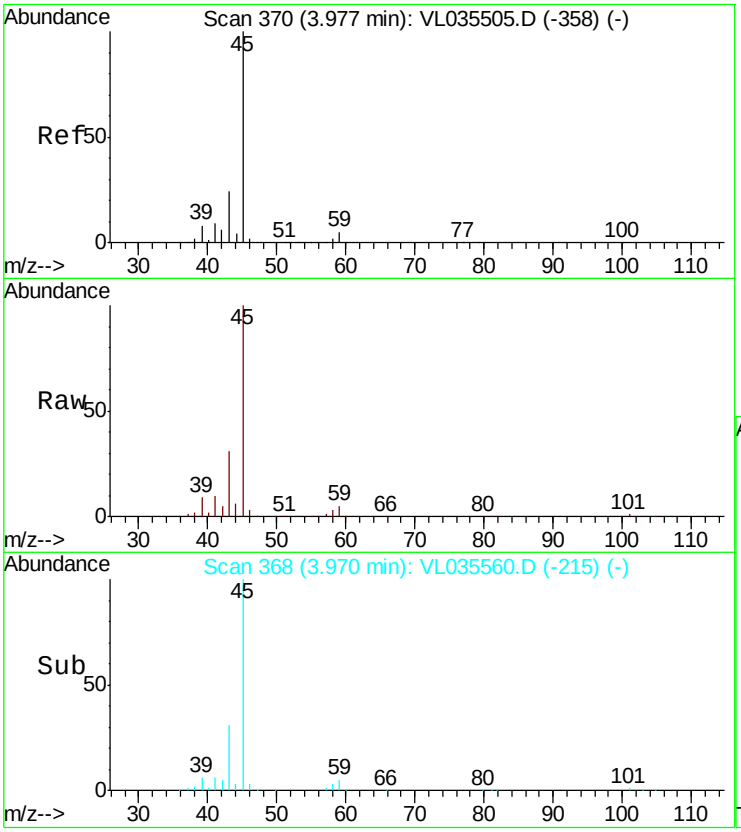


#17
tert-Butyl alcohol
Concen: 0.211 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.00 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 59 Resp: 29456

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



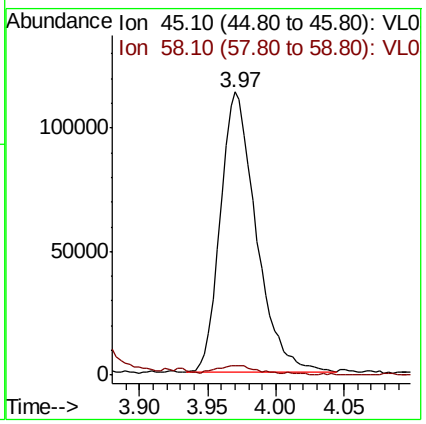


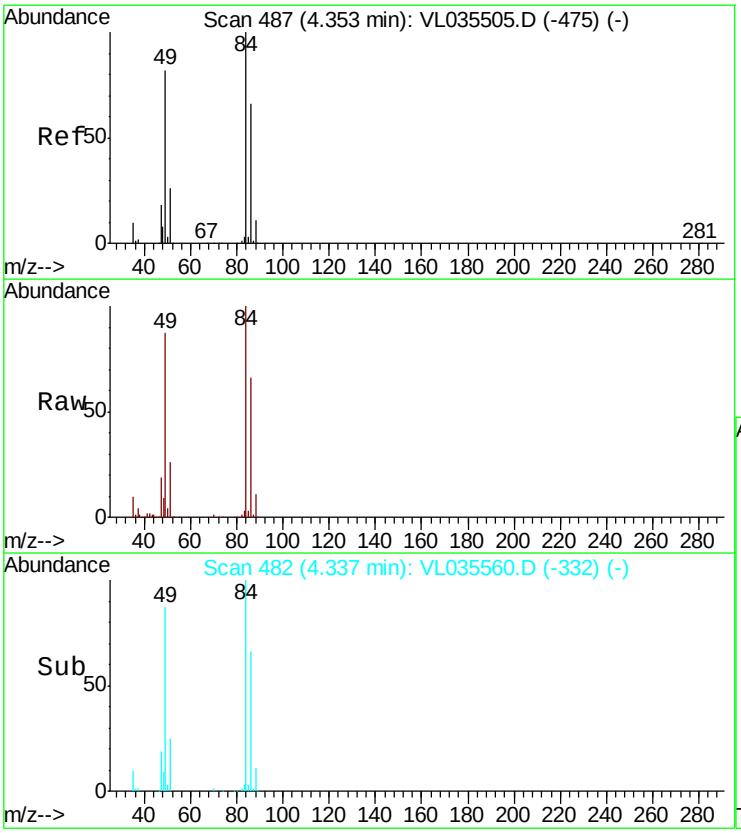
#19
Isopropyl Alcohol
Concen: 3.040 ppbv
RT: 3.97 min Scan# 368
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 45 Resp: 207847

Ion	Ratio	Lower	Upper
45	100		
58	331.1	2.0	3.0#

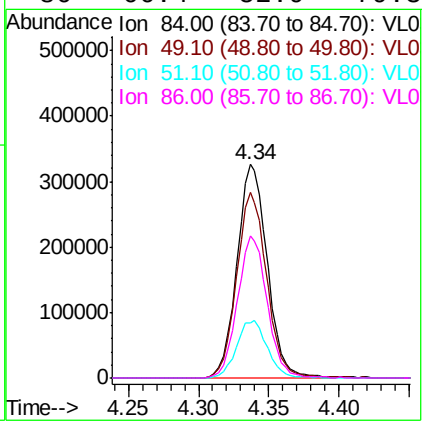


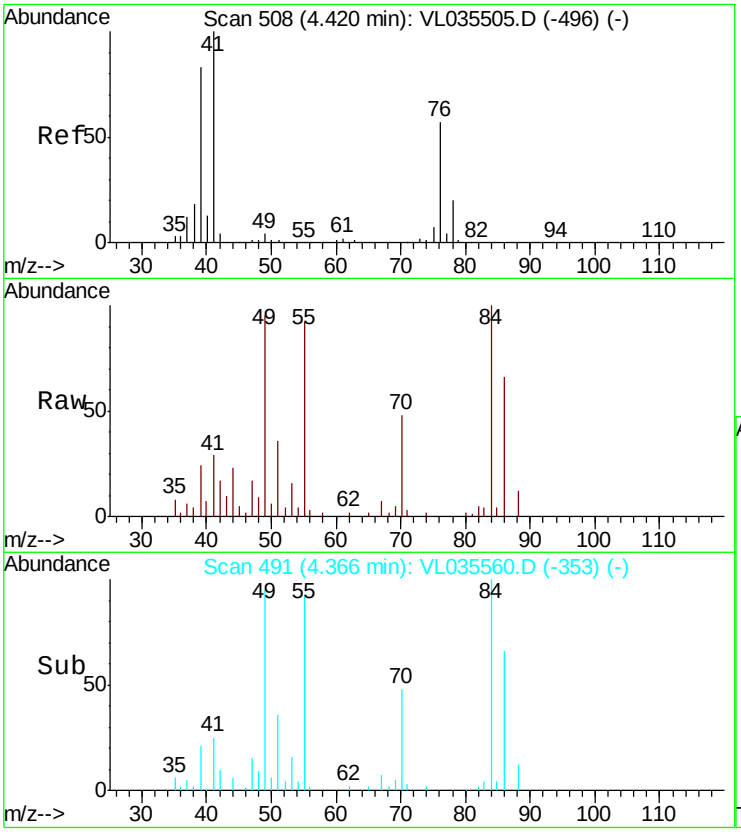


#20
Methylene Chloride
Concen: 5.734 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 84 Resp: 489399

Ion	Ratio	Lower	Upper
84	100		
49	87.2	65.4	98.0
51	25.5	21.5	32.3
86	66.4	52.9	79.3



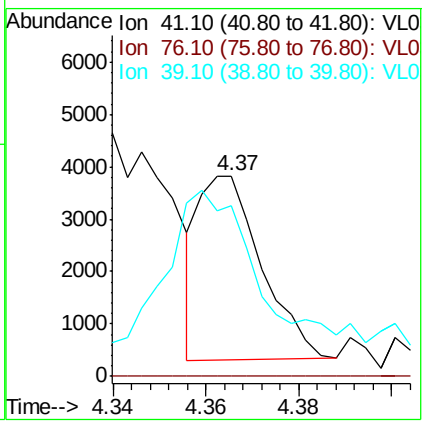


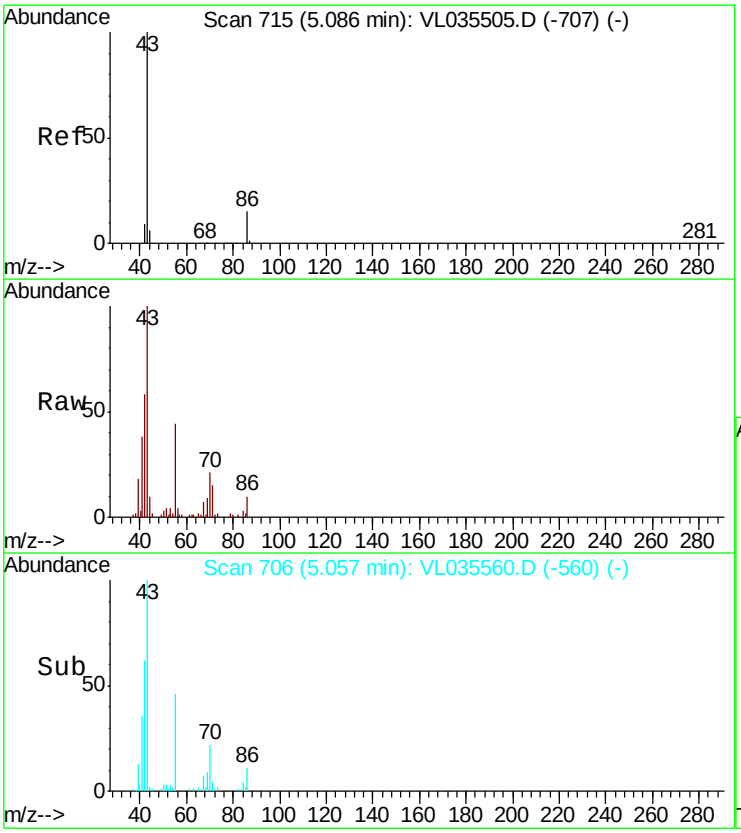
#21
Allvl Chloride
Concen: 0.061 ppbv
RT: 4.37 min Scan# 491
Delta R.T. -0.05 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Tgt Ion: 41 Resp: 3268

Ion	Ratio	Lower	Upper
41	100		
76	0.0	46.2	69.2#
39	210.7	67.8	101.6#

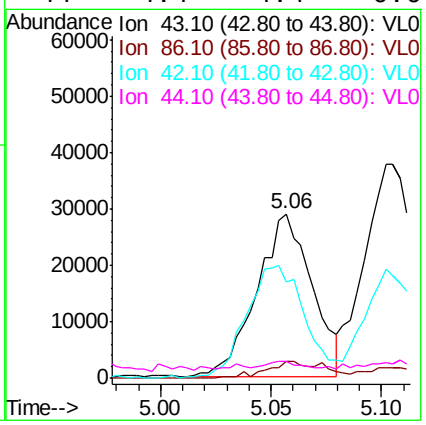


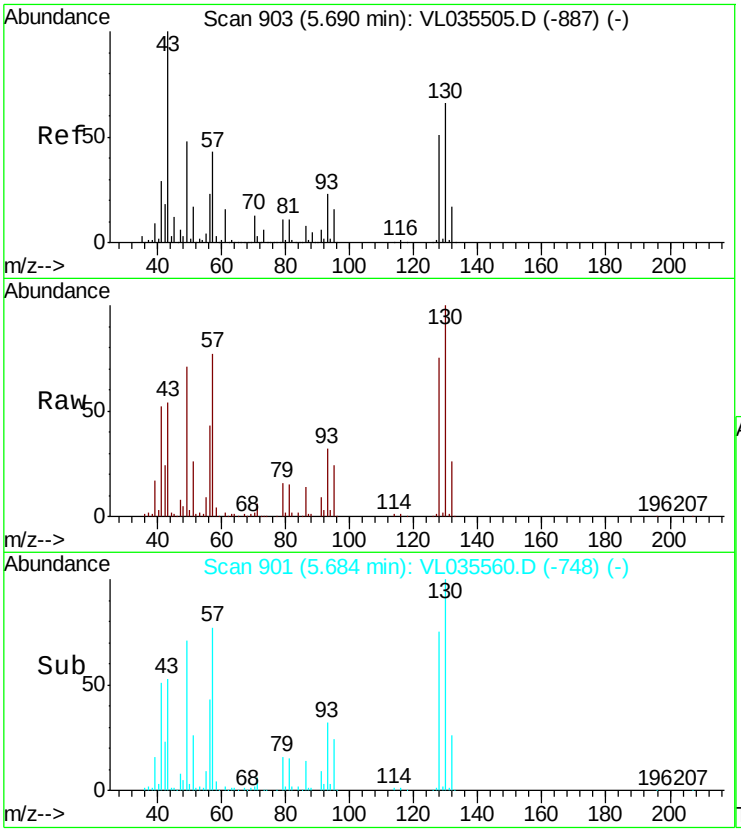


#23
Vinyl Acetate
Concen: 0.338 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 43 Resp: 49652

Ion	Ratio	Lower	Upper
43	100		
86	10.4	10.6	16.0#
42	58.5	7.5	11.3#
44	4.4	4.4	6.6



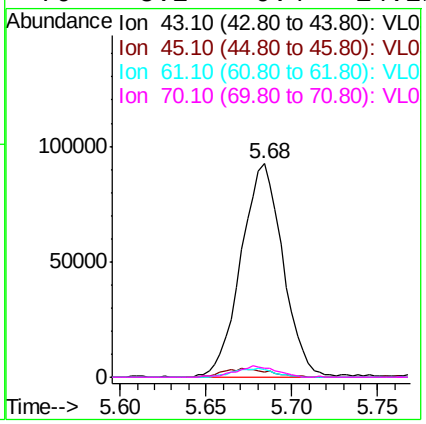


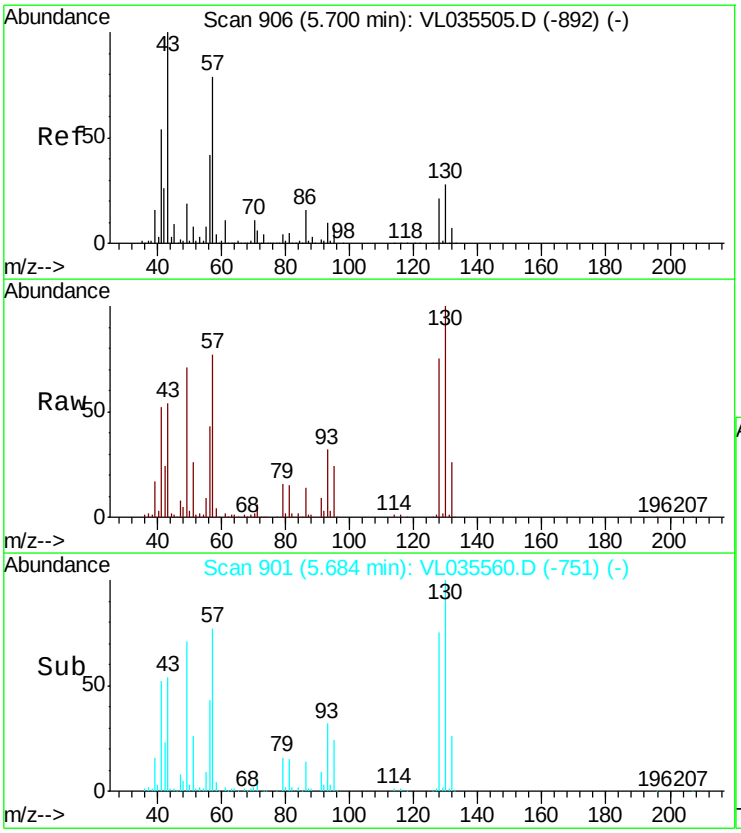
#25
Ethyl Acetate
Concen: 0.770 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Tgt Ion: 43 Resp: 155893

Ion	Ratio	Lower	Upper
43	100		
45	5.0	8.4	12.6#
61	4.1	10.6	16.0#
70	5.2	9.4	14.2#

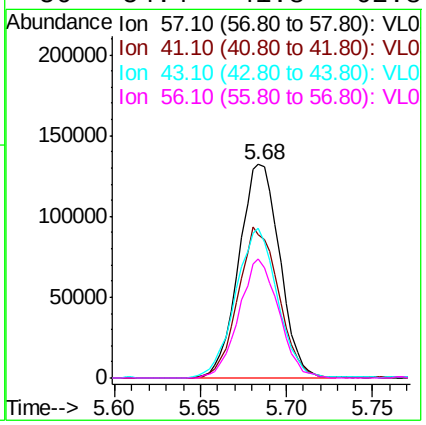


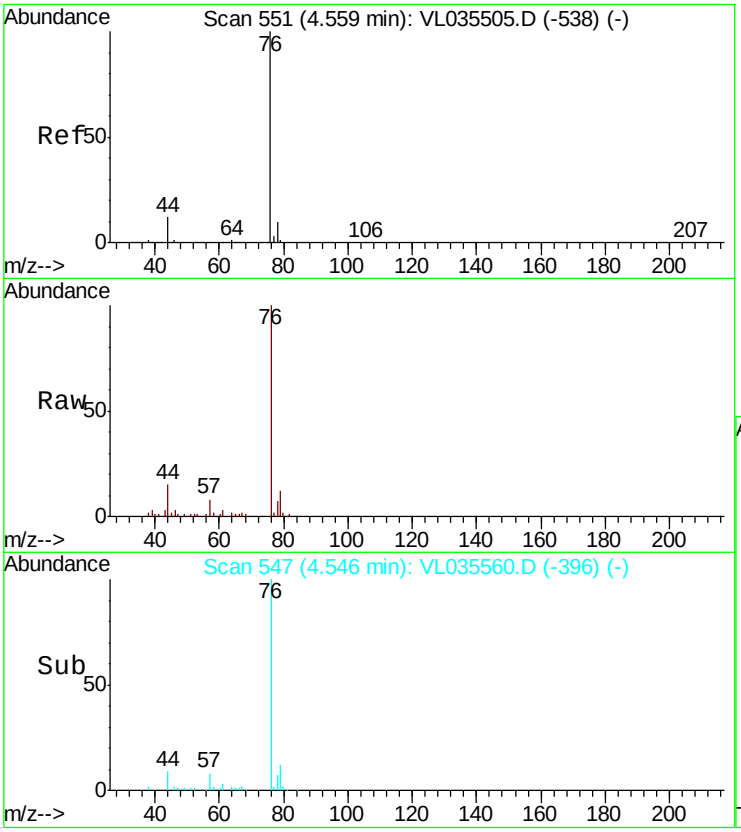


#26
Hexane
Concen: 1.907 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 57 Resp: 218797

Ion	Ratio	Lower	Upper
57	100		
41	70.4	55.9	83.9
43	72.3	141.8	212.8#
56	54.4	41.8	62.8



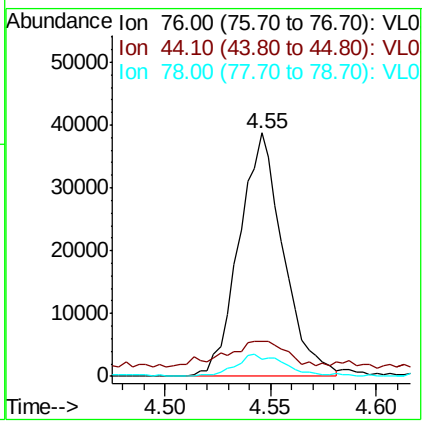


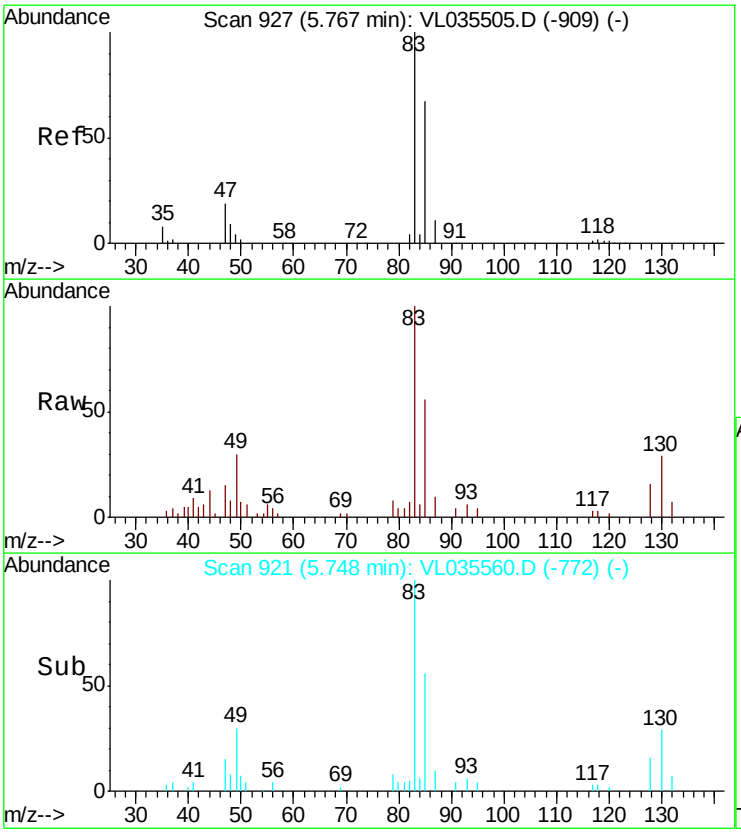
#27
Carbon Disulfide
Concen: 0.342 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Tgt Ion: 76 Resp: 56219

Ion	Ratio	Lower	Upper
76	100		
44	20.2	9.3	13.9#
78	10.2	7.8	11.6

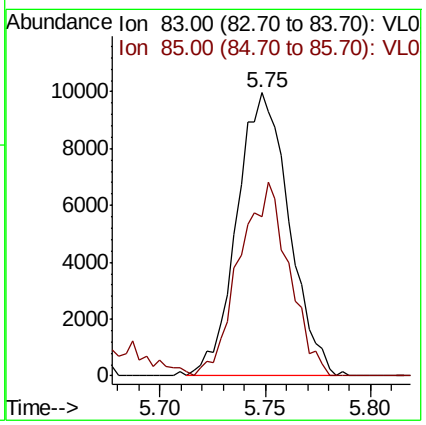


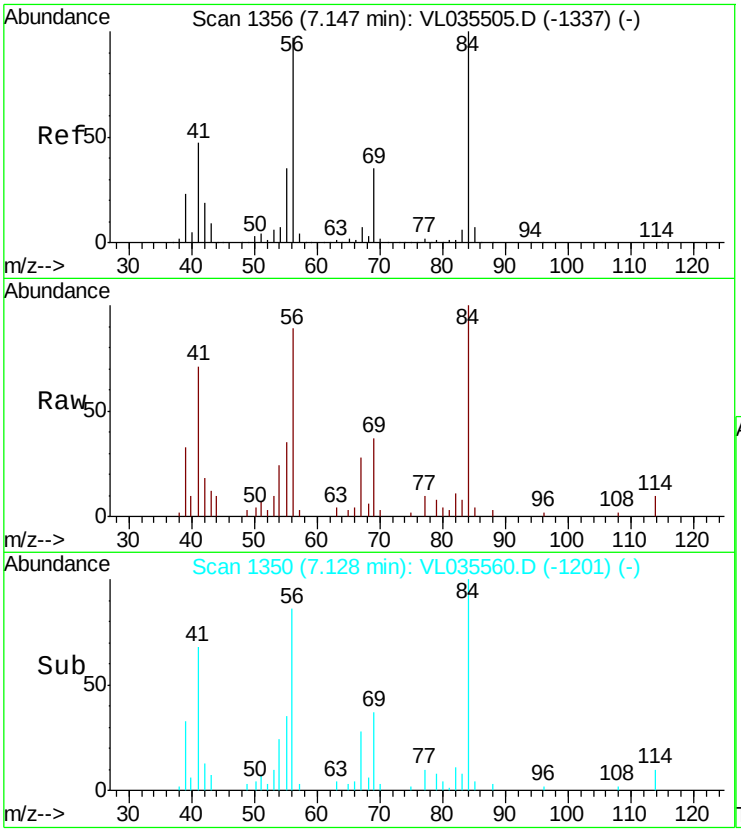


#29
Chloroform
Concen: 0.073 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 83 Resp: 17171

Ion	Ratio	Lower	Upper
83	100		
85	56.3	53.9	80.9



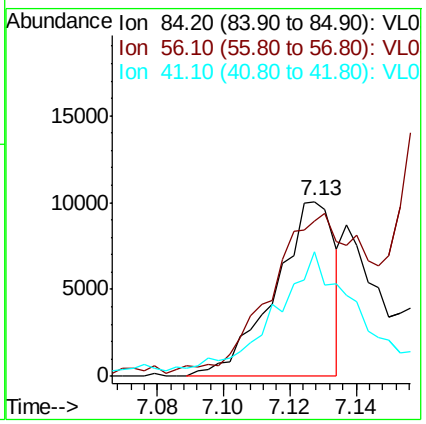


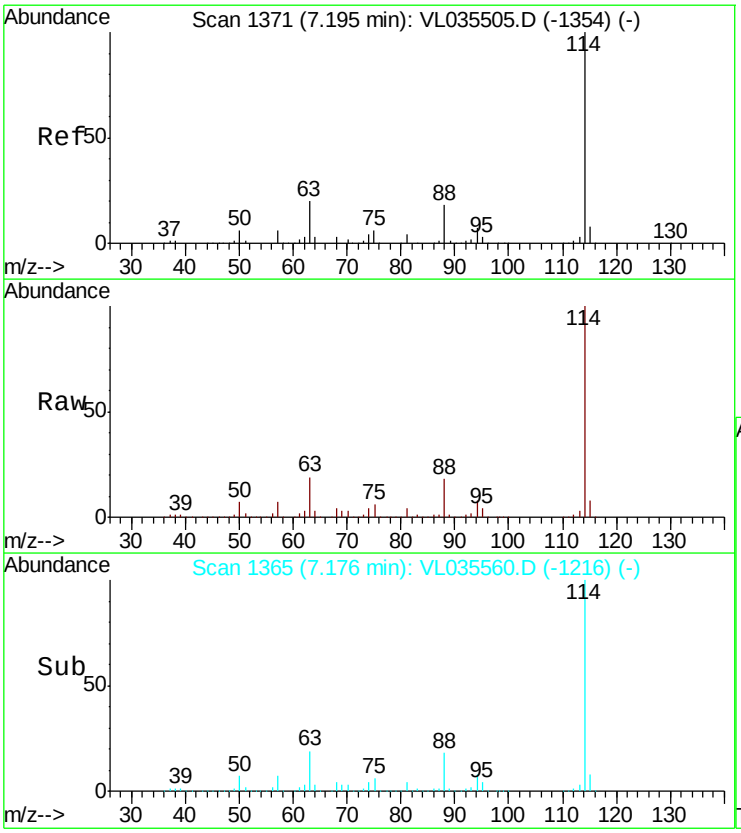
#30
Cyclohexane
Concen: 0.103 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Tgt Ion: 84 Resp: 12606

Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	98.6	38.1	57.1#

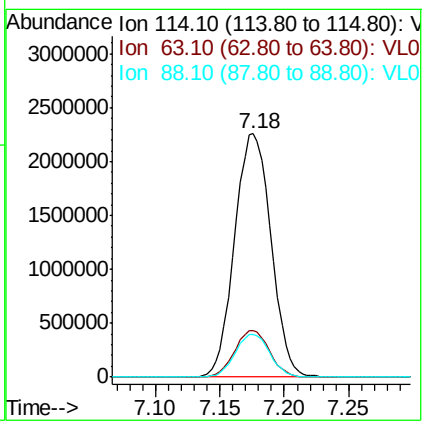


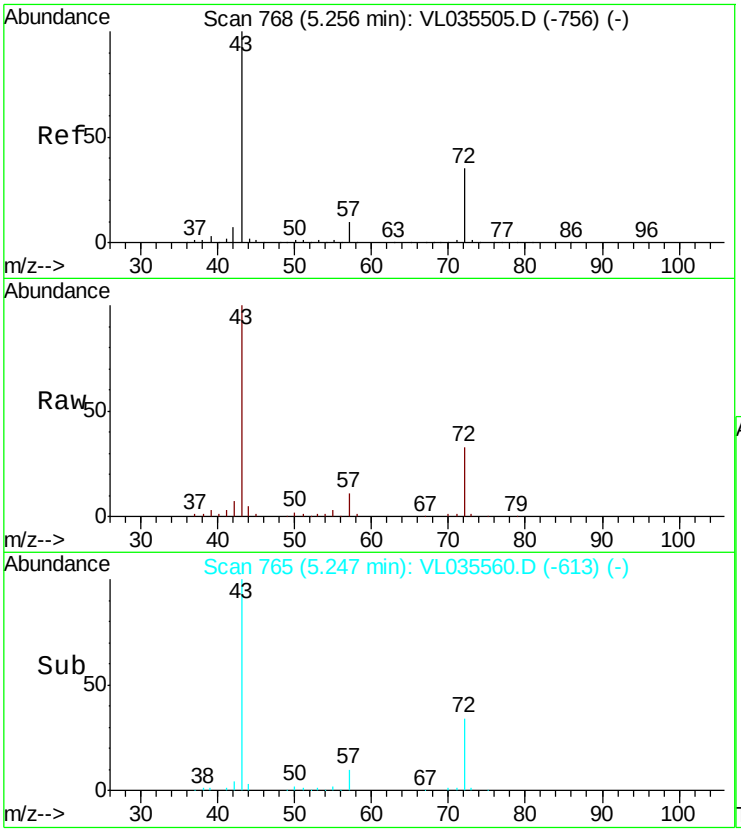


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion:114 Resp: 4447061

Ion	Ratio	Lower	Upper
114	100		
63	18.3	14.7	22.1
88	16.8	13.4	20.2



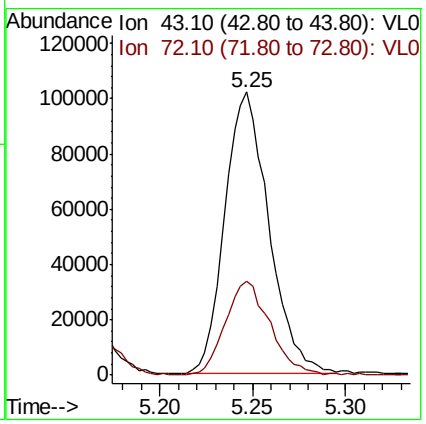


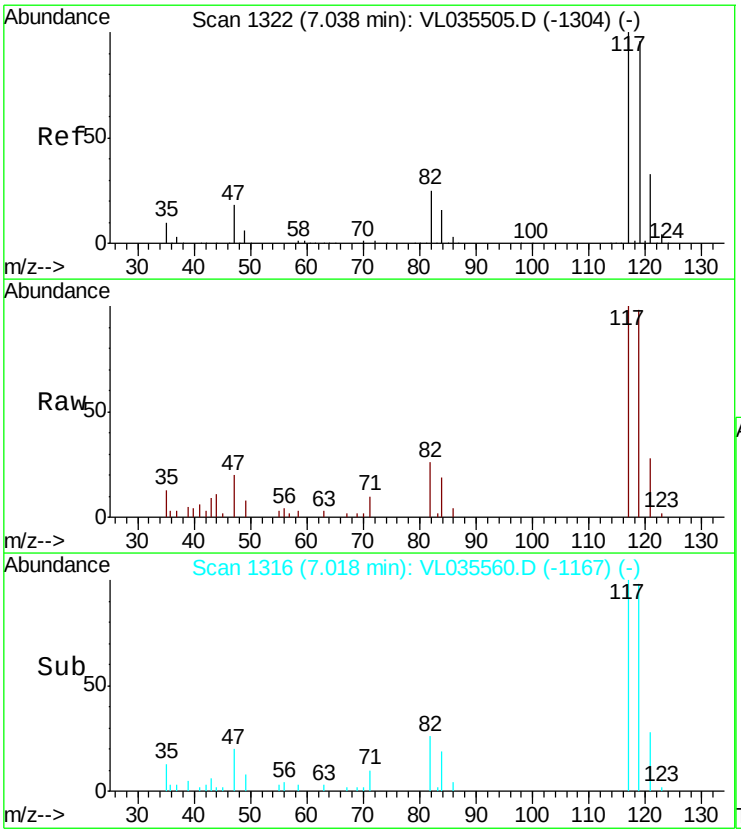
#34
2-Butanone
Concen: 1.266 ppbv
RT: 5.25 min Scan# 765
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 43 Resp: 167105

Ion	Ratio	Lower	Upper
43	100		
72	34.5	27.7	41.5

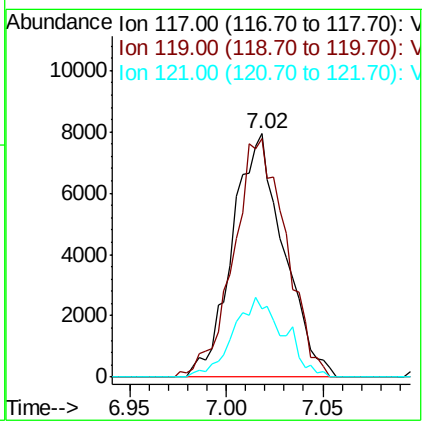


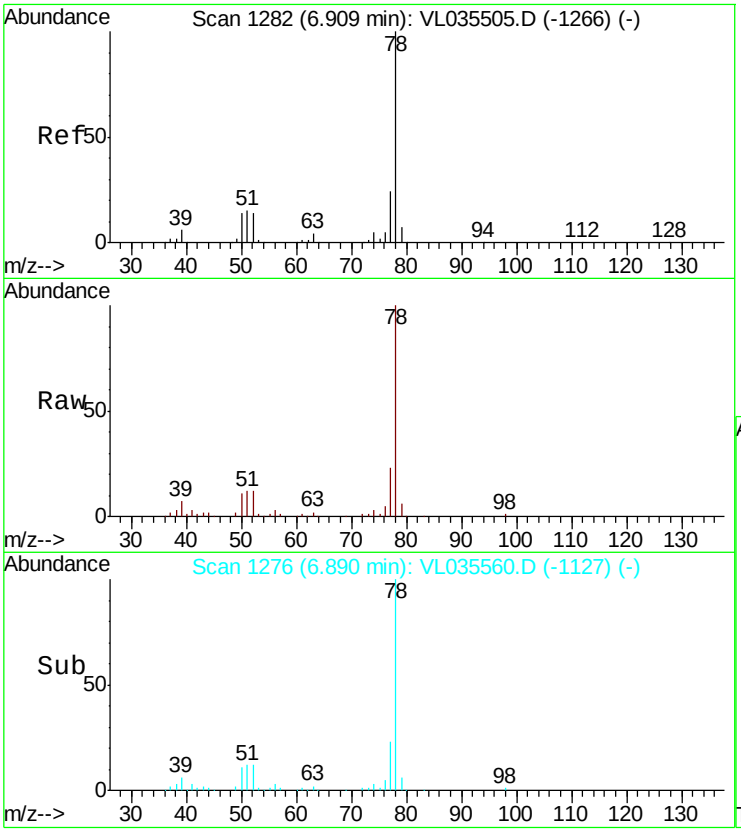


#35
Carbon Tetrachloride
Concen: 0.065 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion:117 Resp: 14632

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.2	115.8
121	28.3	26.1	39.1



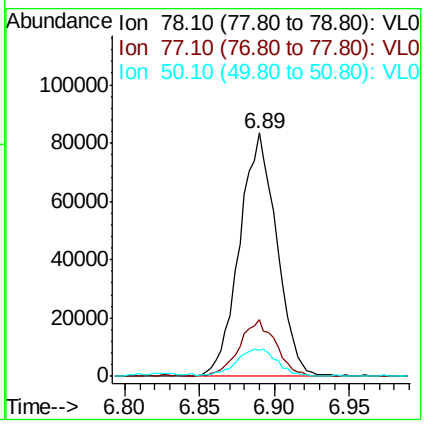


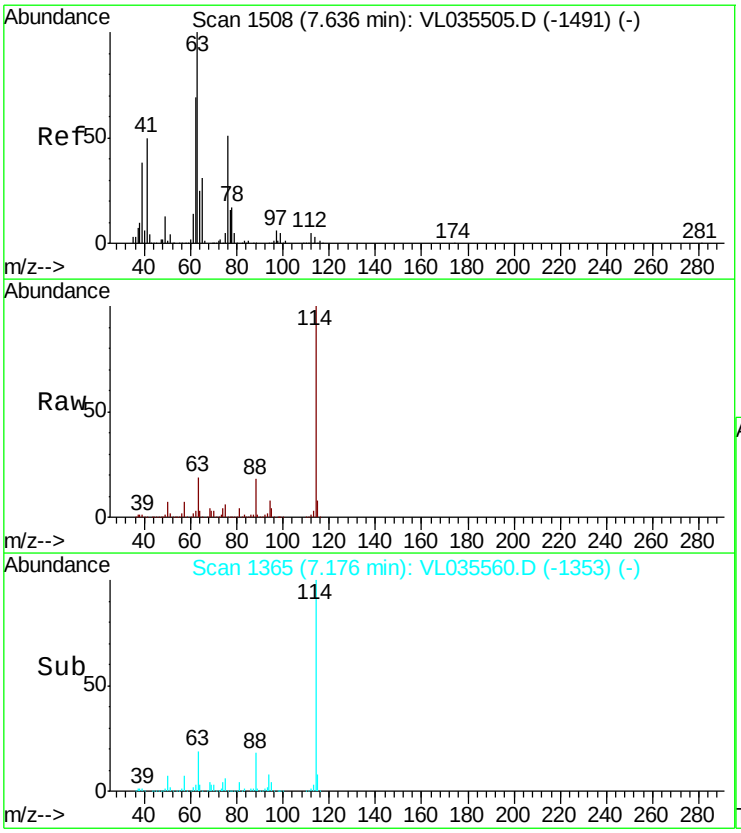
#36
Benzene
Concen: 0.502 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 78 Resp: 144460

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9
50	10.3	11.0	16.6#

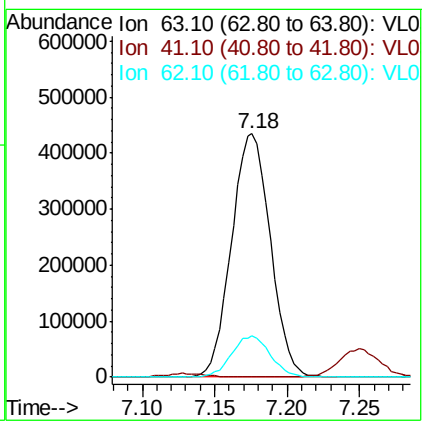


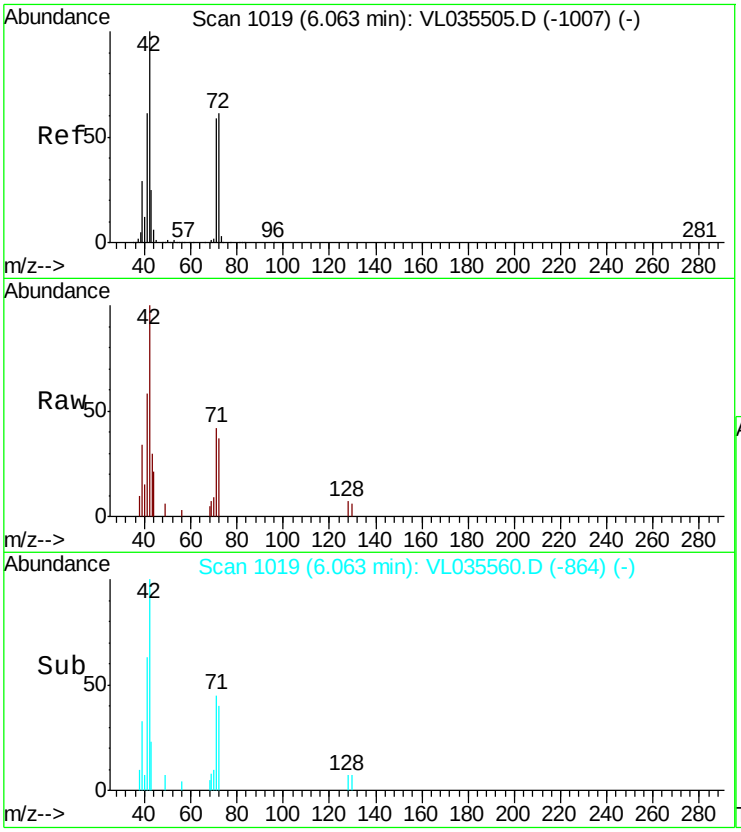


#39
1,2-Dichloropropane
Concen: 8.323 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.46 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 63 Resp: 809378

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.0	55.4	83.0#



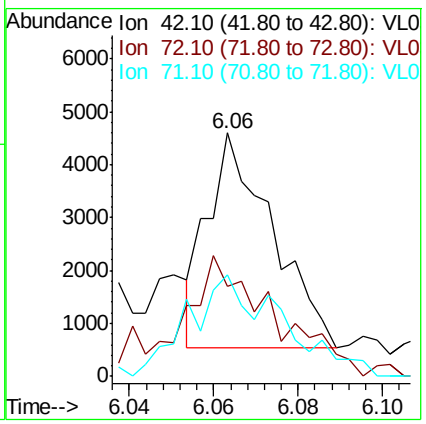


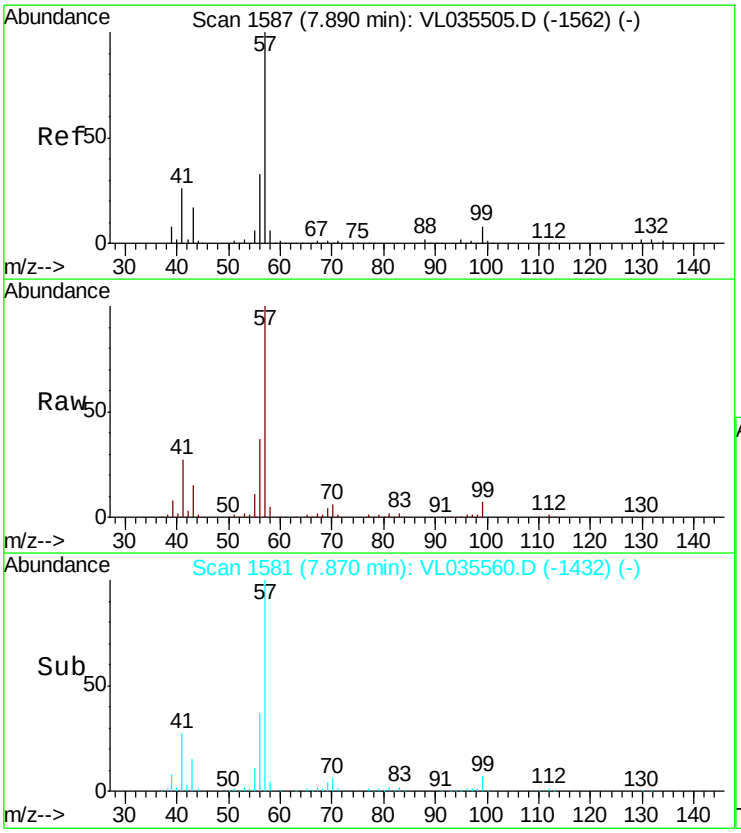
#41
Tetrahydrofuran
Concen: 0.062 ppbv
RT: 6.06 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument : MSVOA_L
ClientSampleId : 02-WHDUP

Tgt Ion: 42 Resp: 4312

Ion	Ratio	Lower	Upper
42	100		
72	120.2	48.6	73.0#
71	69.1	46.1	69.1

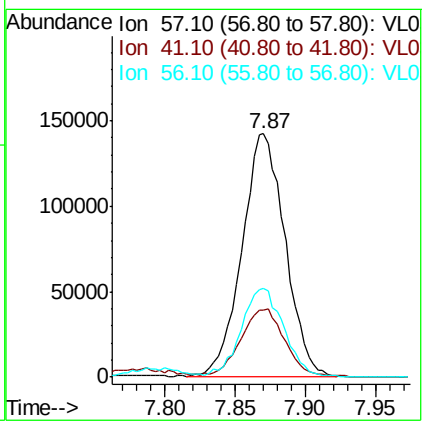


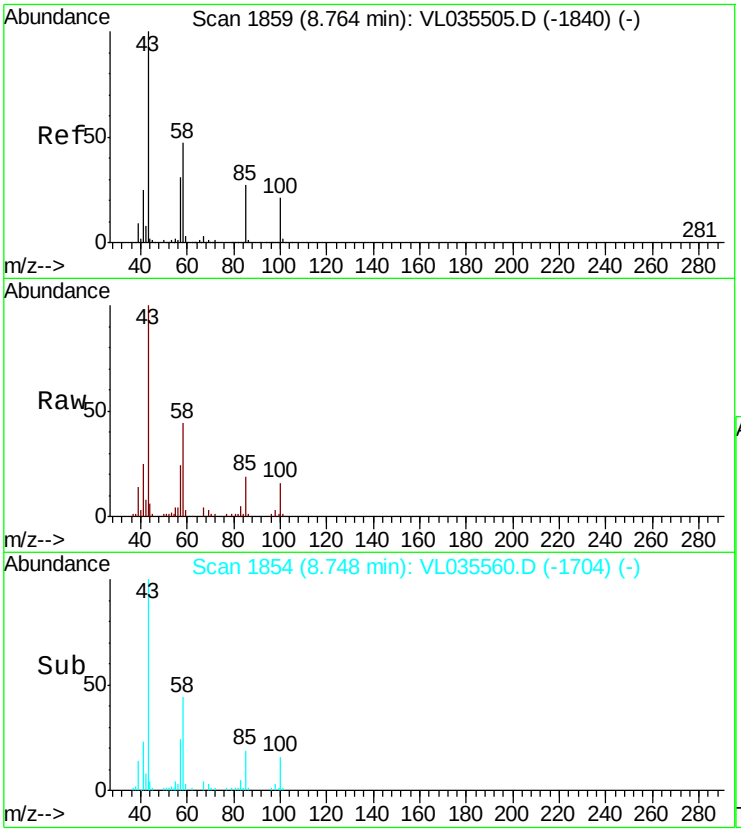


#44
2,2,4-Trimethylpentane
Concen: 0.799 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 57 Resp: 302615

Ion	Ratio	Lower	Upper
57	100		
41	28.9	20.5	30.7
56	36.8	25.3	37.9



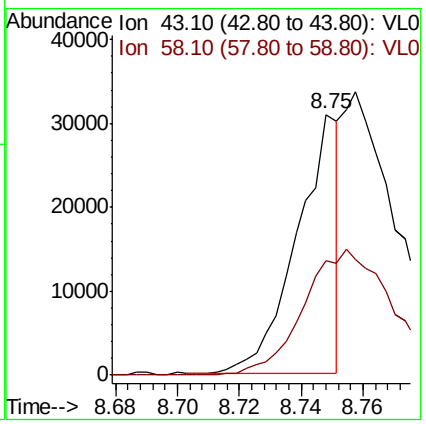


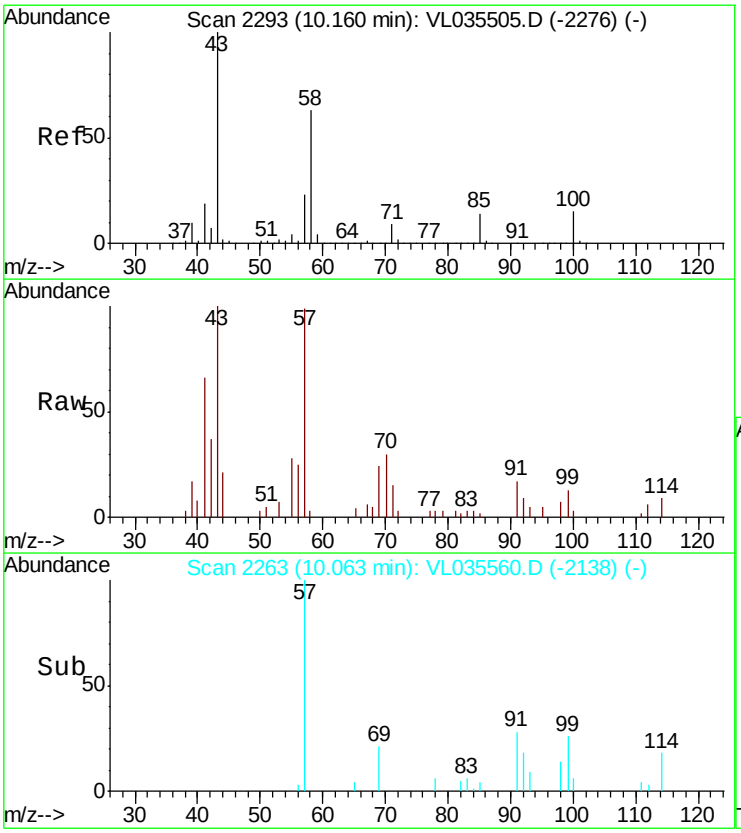
#50
4-Methyl-2-Pentanone
Concen: 0.152 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 43 Resp: 28983

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.4	56.0#

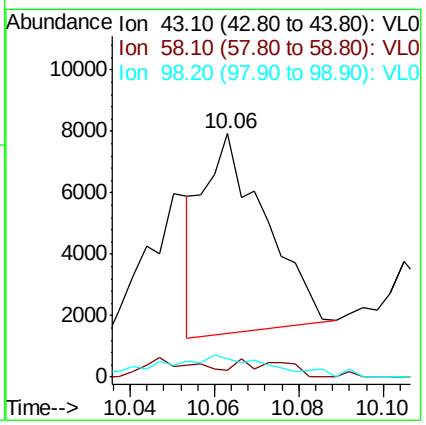


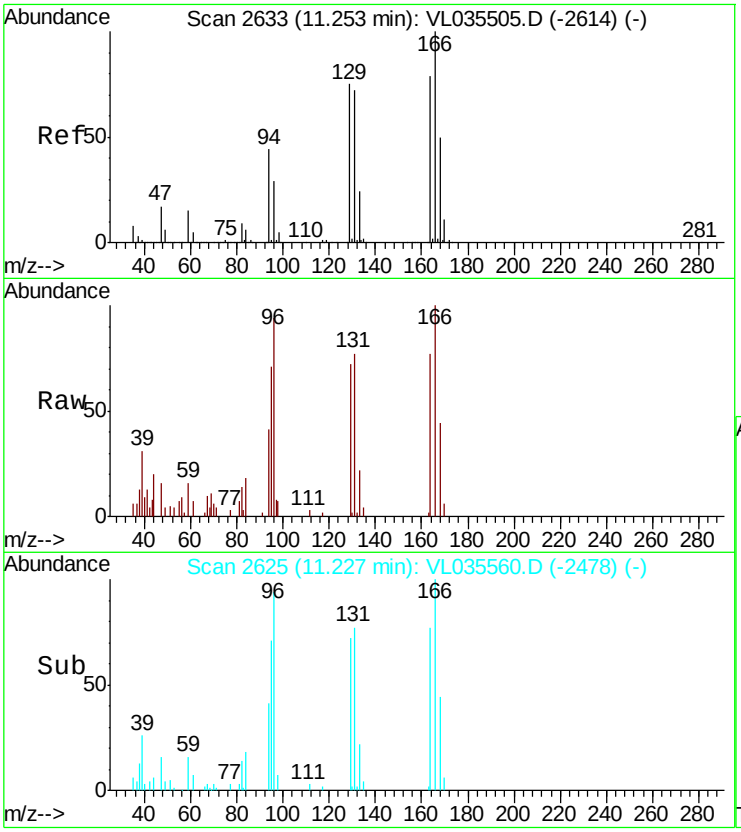


#51
2-Hexanone
Concen: 0.043 ppbv
RT: 10.06 min Scan# 2263
Delta R.T. -0.10 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 43 Resp: 6674

Ion	Ratio	Lower	Upper
43	100		
58	58.9	50.2	75.4
98	19.7	0.4	0.6#



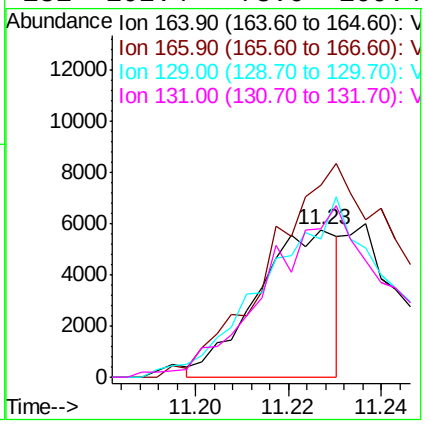


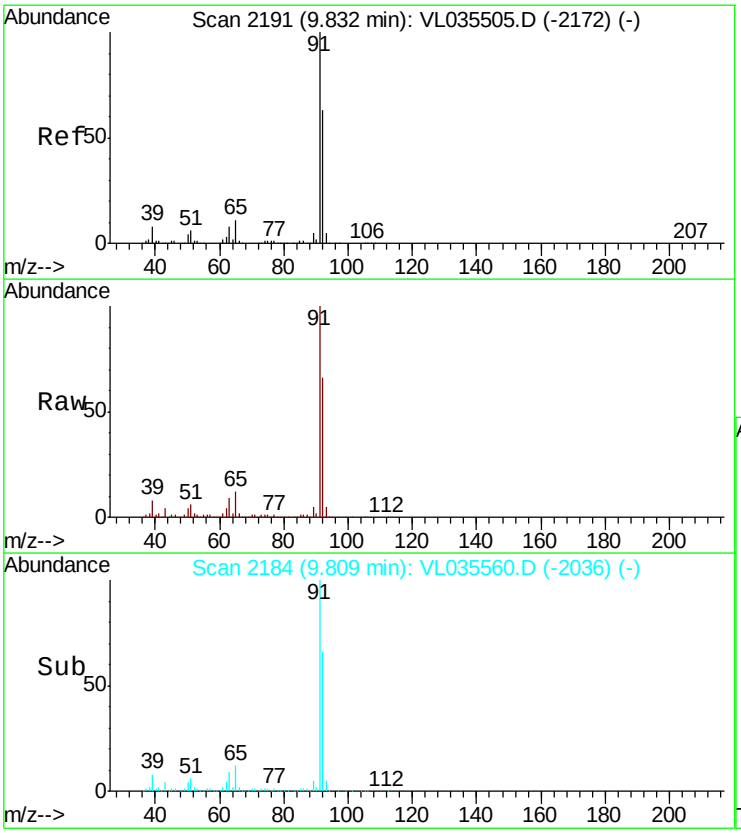
#52
Tetrachloroethene
Concen: 0.041 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:164 Resp: 6967

Ion	Ratio	Lower	Upper
164	100		
166	132.5	100.9	151.3
129	90.4	75.3	112.9
131	102.4	73.0	109.4

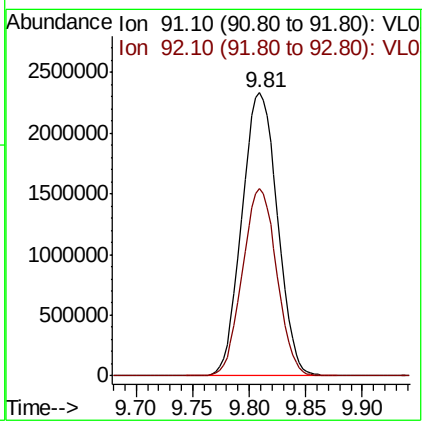


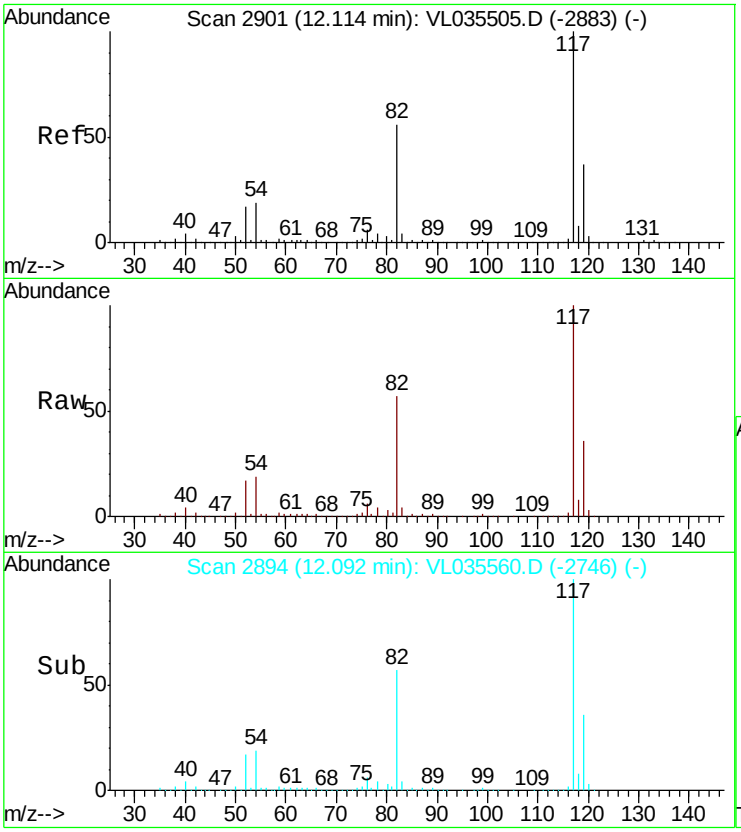


#53
Toluene
Concen: 14.113 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 91 Resp: 5108993

Ion	Ratio	Lower	Upper
91	100		
92	64.0	49.8	74.8



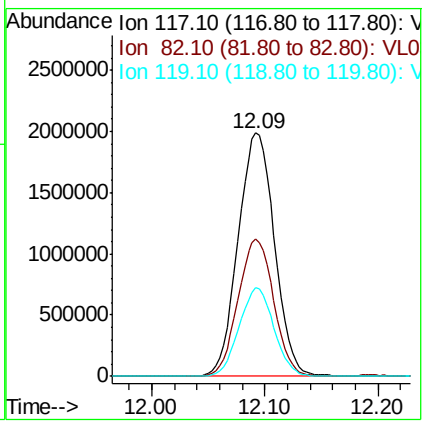


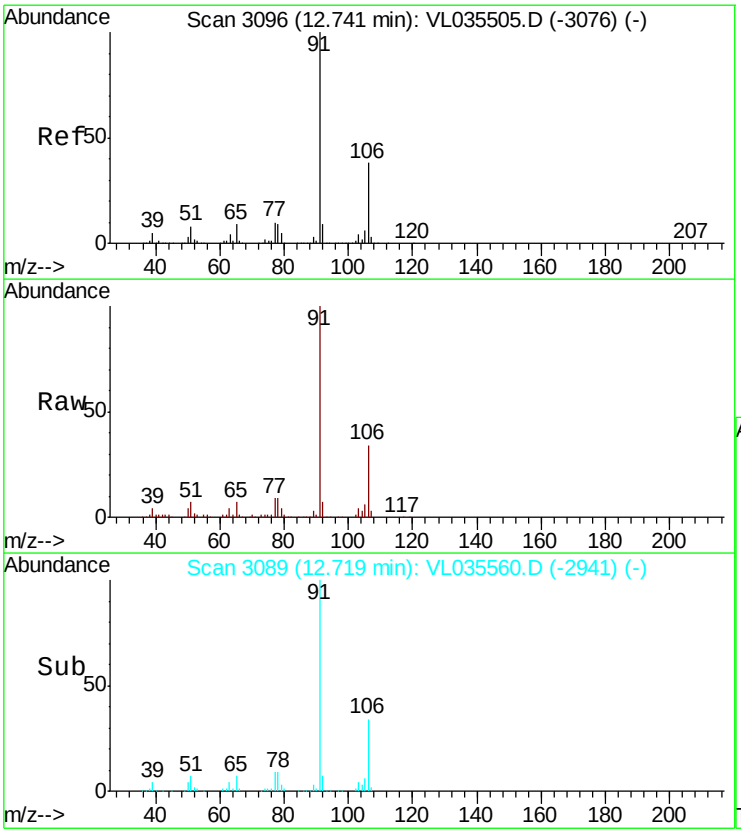
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:117 Resp: 4448933

Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.6	62.4
119	34.9	29.3	43.9

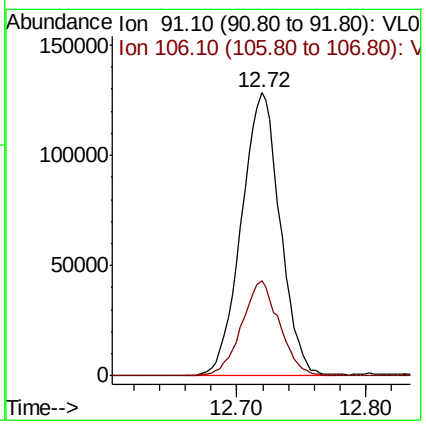


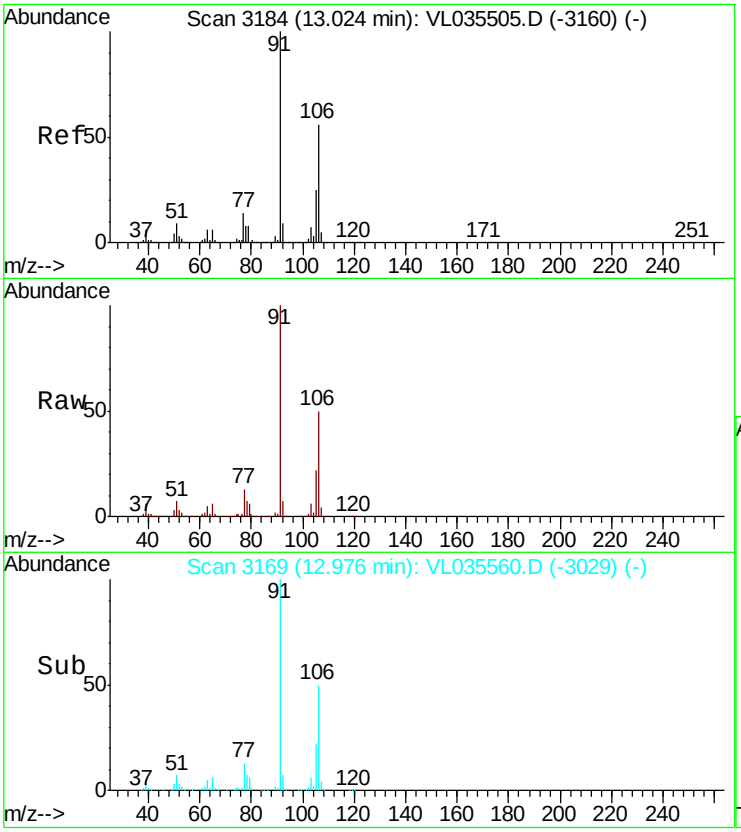


#58
Ethyl Benzene
Concen: 0.586 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 91 Resp: 268923

Ion	Ratio	Lower	Upper
91	100		
106	33.8	30.3	45.5



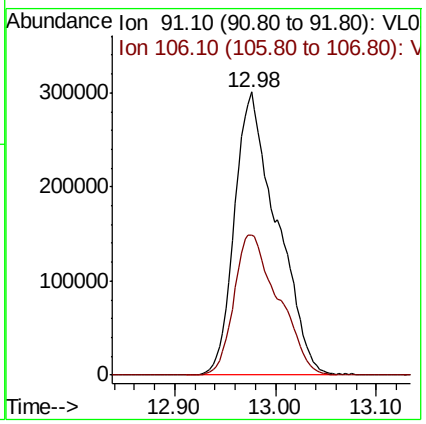


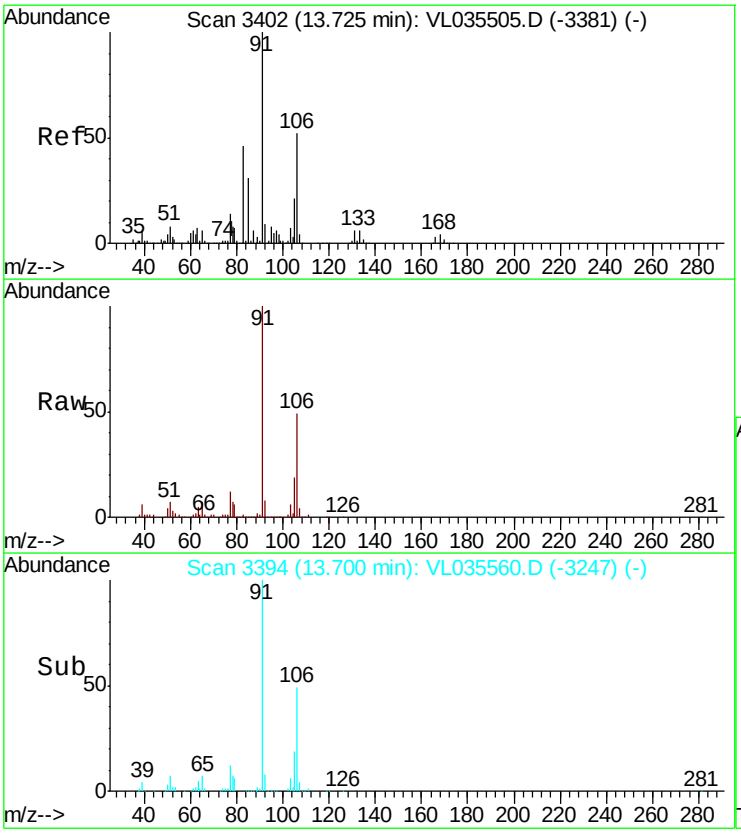
#59
m/p-Xylene
Concen: 2.283 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.05 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion: 91 Resp: 875308

Ion	Ratio	Lower	Upper
91	100		
106	52.0	43.4	65.2

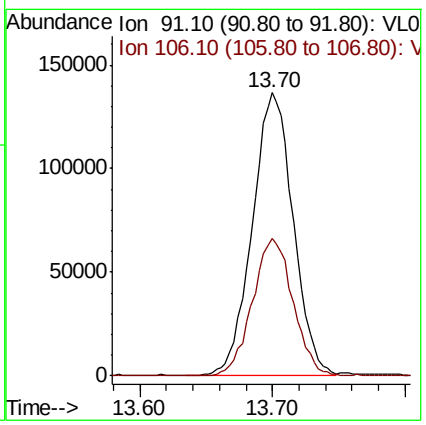


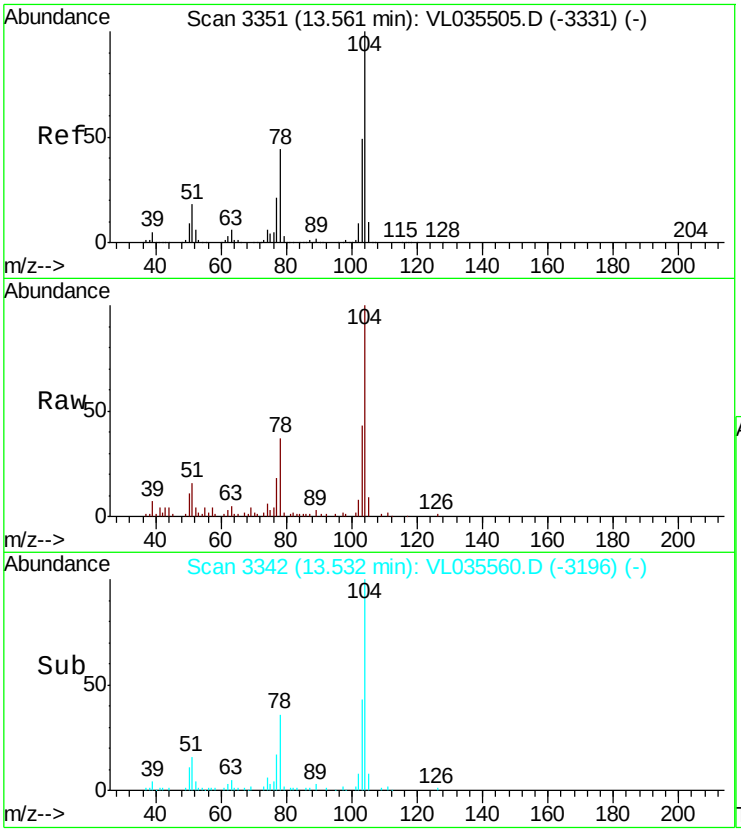


#60
o-Xylene
Concen: 0.755 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 91 Resp: 291450

Ion	Ratio	Lower	Upper
91	100		
106	48.7	25.8	77.4



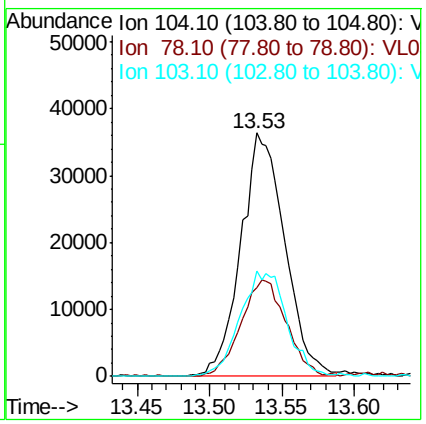


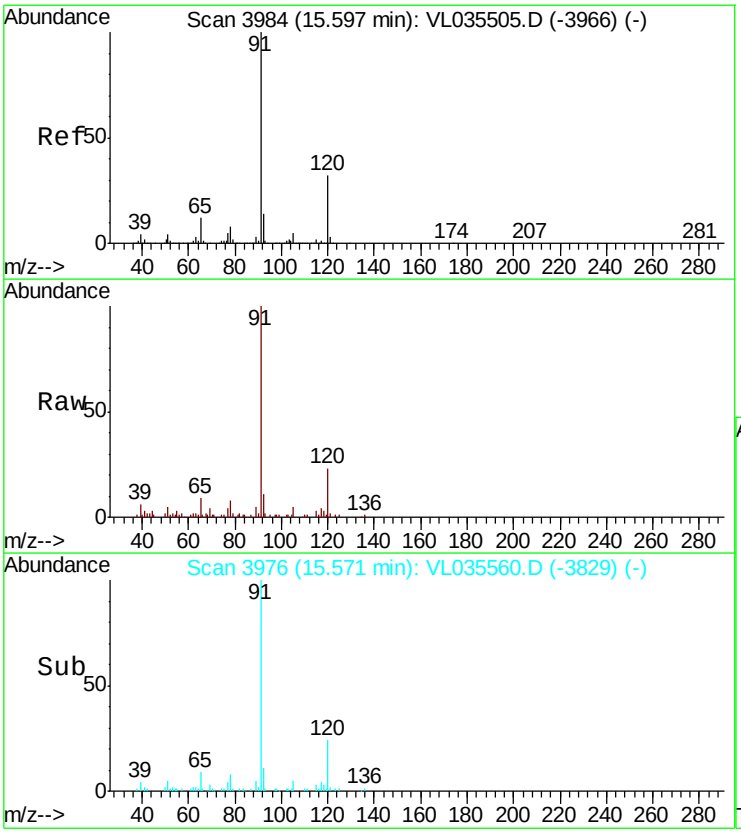
#61
Stvrene
Concen: 0.260 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:104 Resp: 76723

Ion	Ratio	Lower	Upper
104	100		
78	40.9	34.8	52.2
103	46.0	38.2	57.4

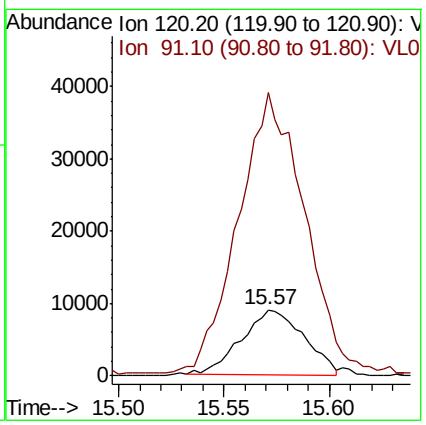


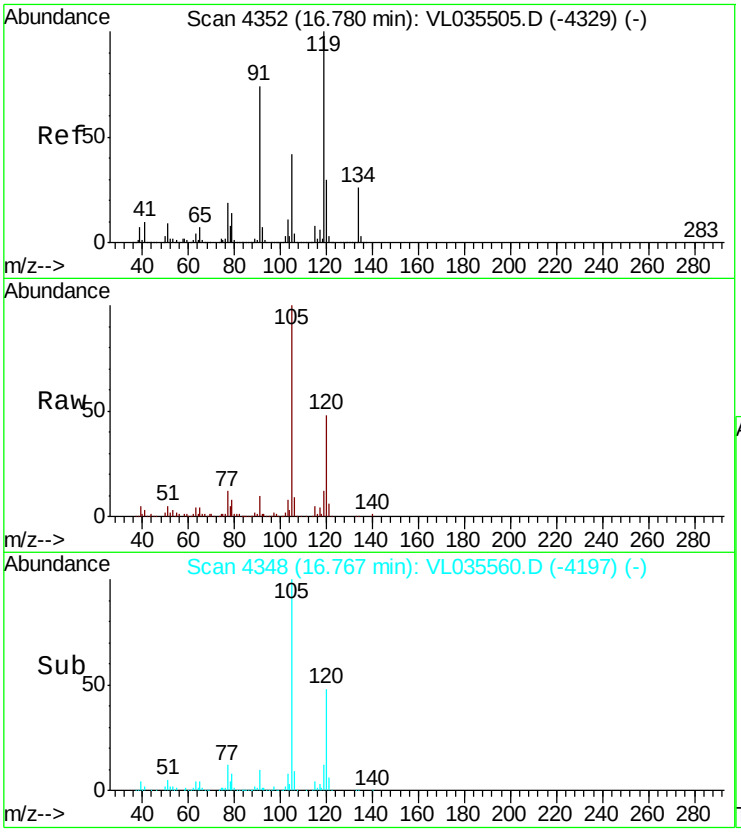


#64
n-propylbenzene
Concen: 0.098 ppbv
RT: 15.57 min Scan# 3976
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion:120 Resp: 18560

Ion	Ratio	Lower	Upper
120	100		
91	455.8	279.4	419.0#



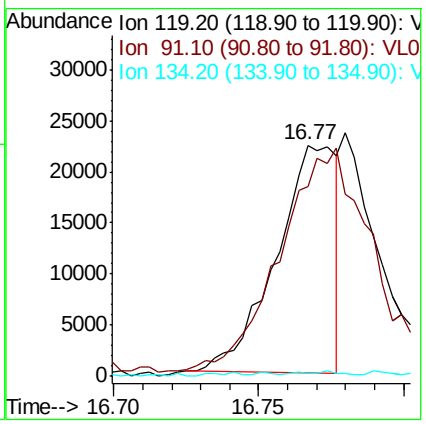


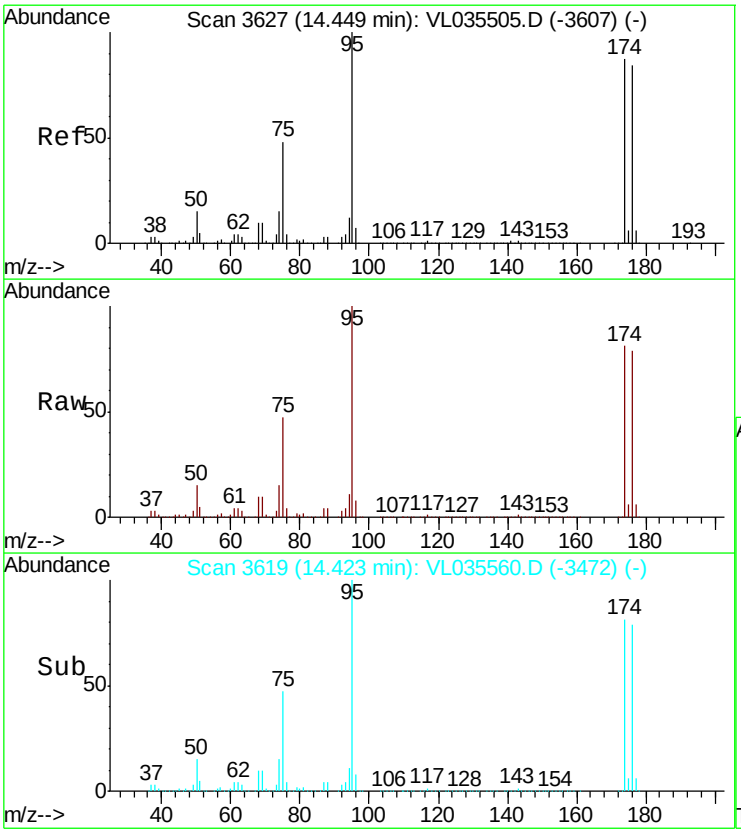
#65
tert-Butylbenzene
Concen: 0.056 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:119 Resp: 32048

Ion	Ratio	Lower	Upper
119	100		
91	0.0	58.6	87.8#
134	2.2	18.9	28.3#

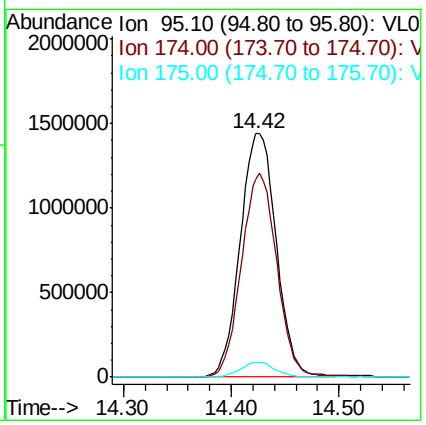


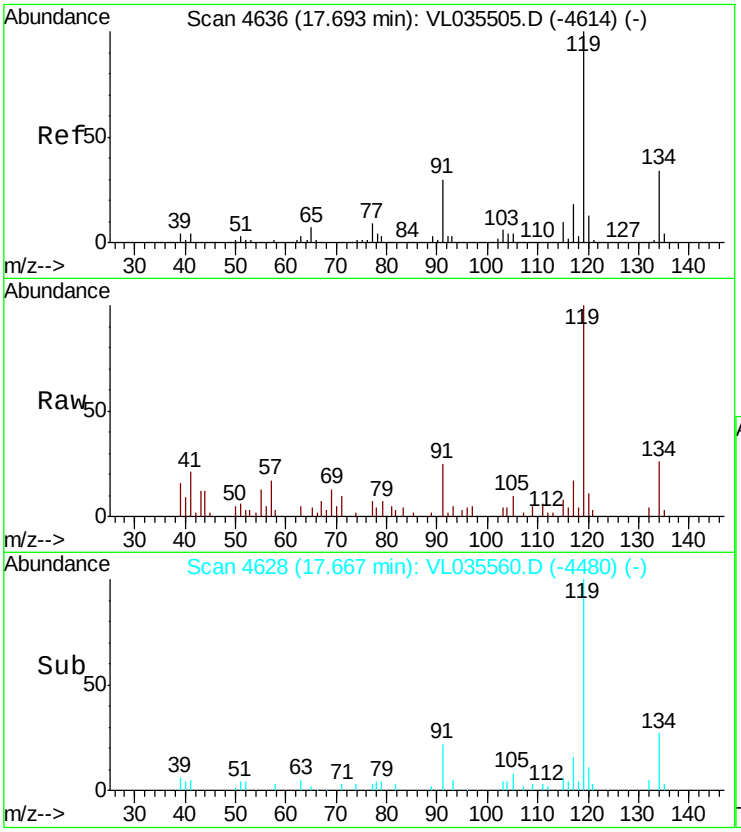


#68
1-Bromo-4-Fluorobenzene
Concen: 10.593 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 95 Resp: 3346769

Ion	Ratio	Lower	Upper
95	100		
174	82.9	69.6	104.4
175	6.0	5.1	7.7



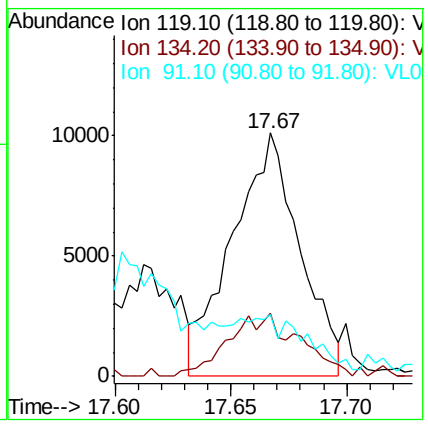


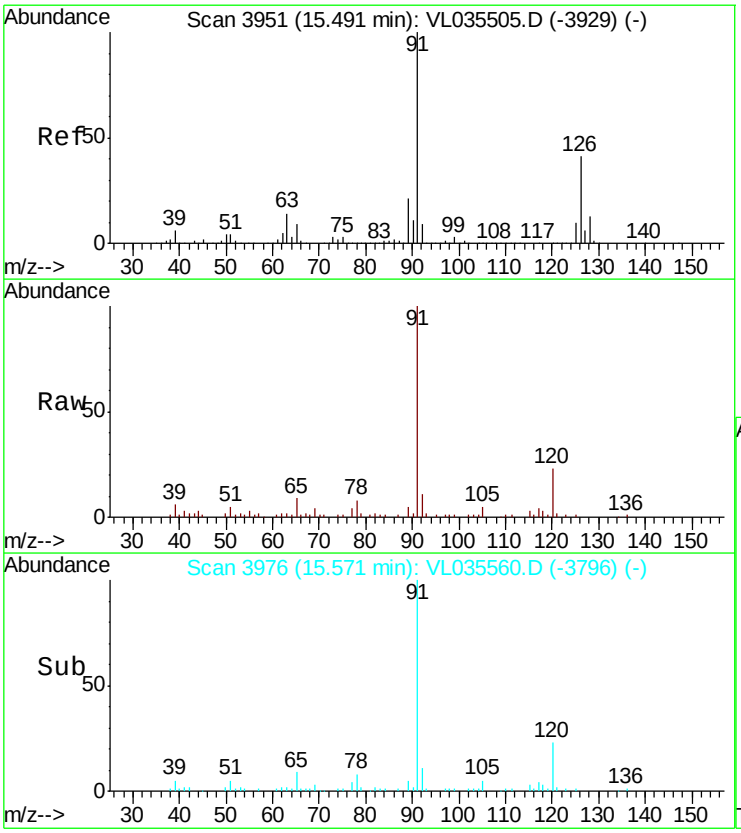
#69
p-Isopropyltoluene
Concen: 0.030 ppbv
RT: 17.67 min Scan# 4628
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:119 Resp: 20469

Ion	Ratio	Lower	Upper
119	100		
134	28.7	25.0	37.4
91	26.8	22.3	33.5

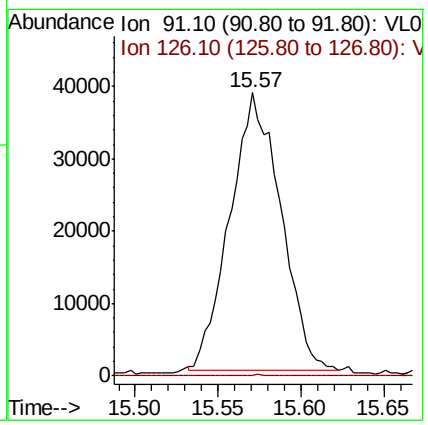


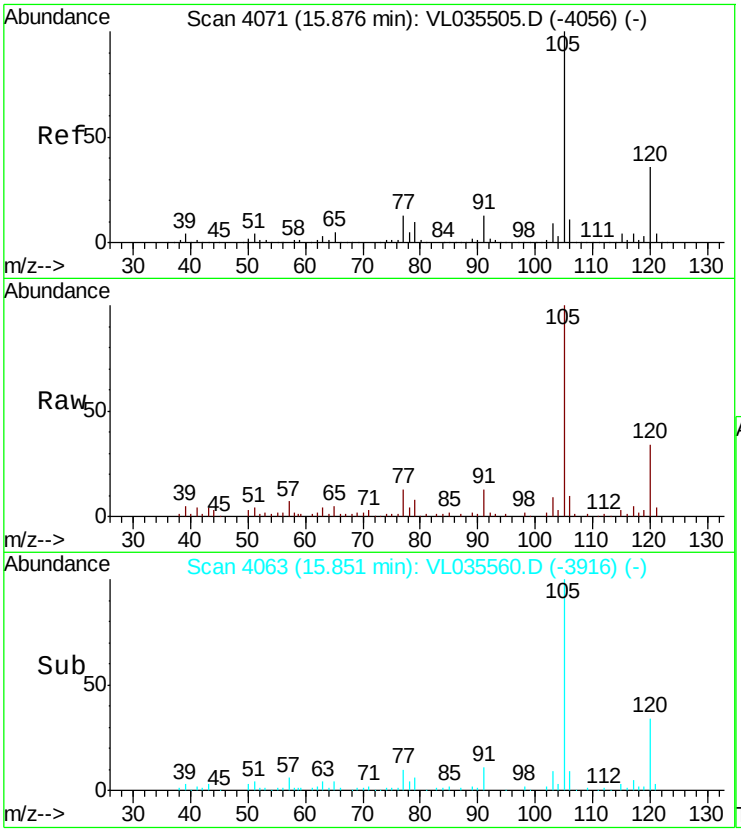


#71
2-Chlorotoluene
Concen: 0.181 ppbv
RT: 15.57 min Scan# 3976
Delta R.T. 0.08 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion: 91 Resp: 81668

Ion	Ratio	Lower	Upper
91	100		
126	1.0	15.6	62.6#



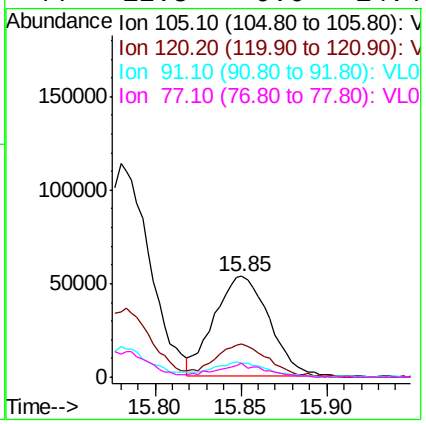


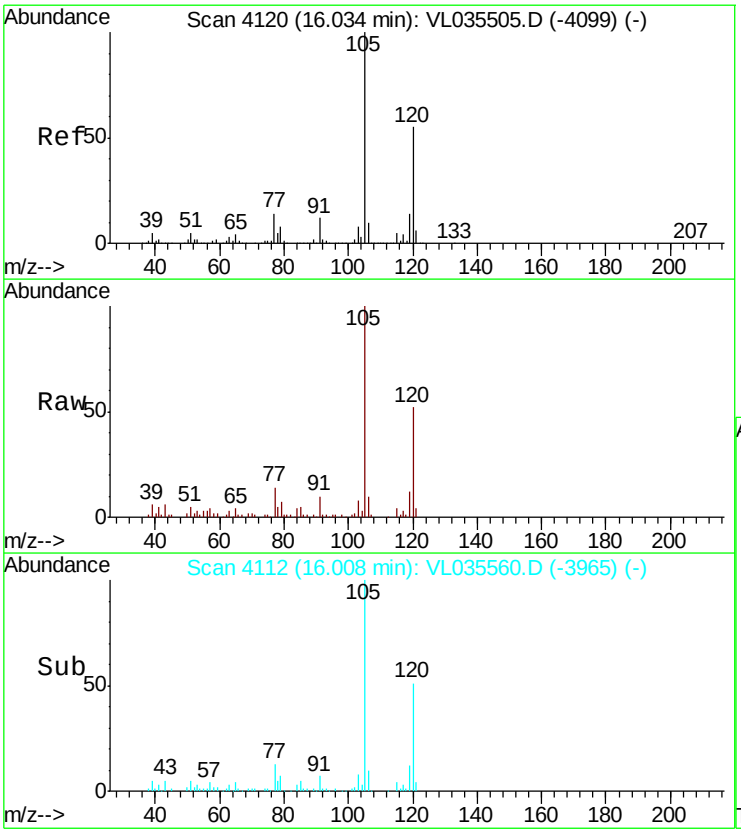
#72
4-Ethyltoluene
Concen: 0.243 ppbv
RT: 15.85 min Scan# 4063
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:105 Resp: 119182

Ion	Ratio	Lower	Upper
105	100		
120	32.2	27.4	41.2
91	14.2	9.7	14.5
77	12.8	9.6	14.4

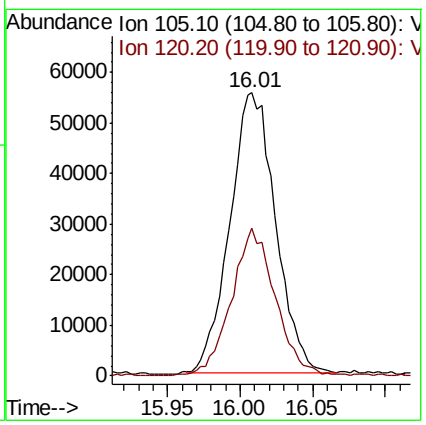


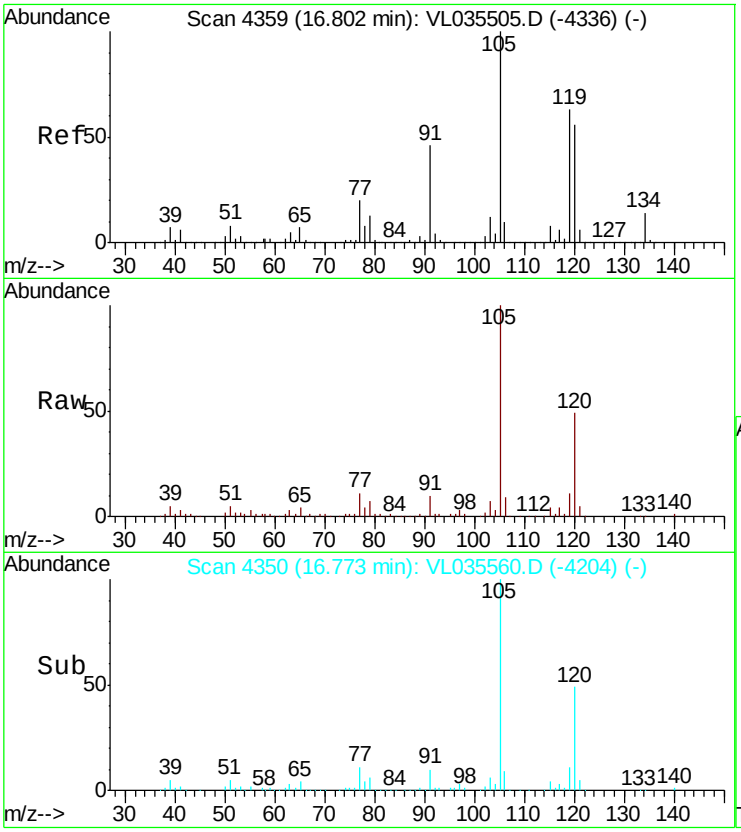


#73
1,3,5-Trimethylbenzene
Concen: 0.267 ppbv
RT: 16.01 min Scan# 4112
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion:105 Resp: 121048

Ion	Ratio	Lower	Upper
105	100		
120	52.3	44.2	66.2



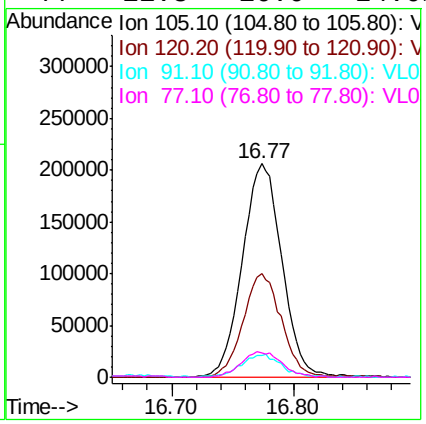


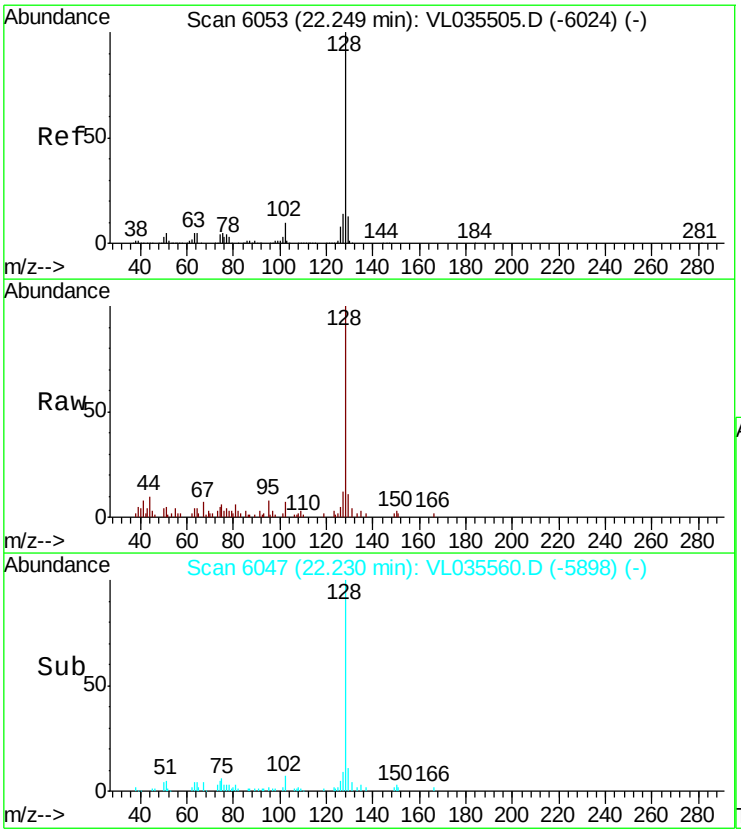
#74
1,2,4-Trimethylbenzene
Concen: 0.921 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.03 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:105 Resp: 459190

Ion	Ratio	Lower	Upper
105	100		
120	48.9	44.4	66.6
91	9.9	37.1	55.7#
77	11.3	16.0	24.0#

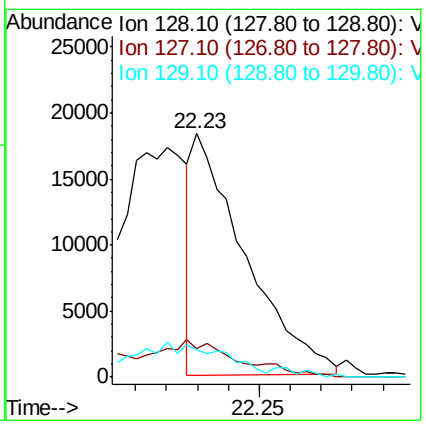


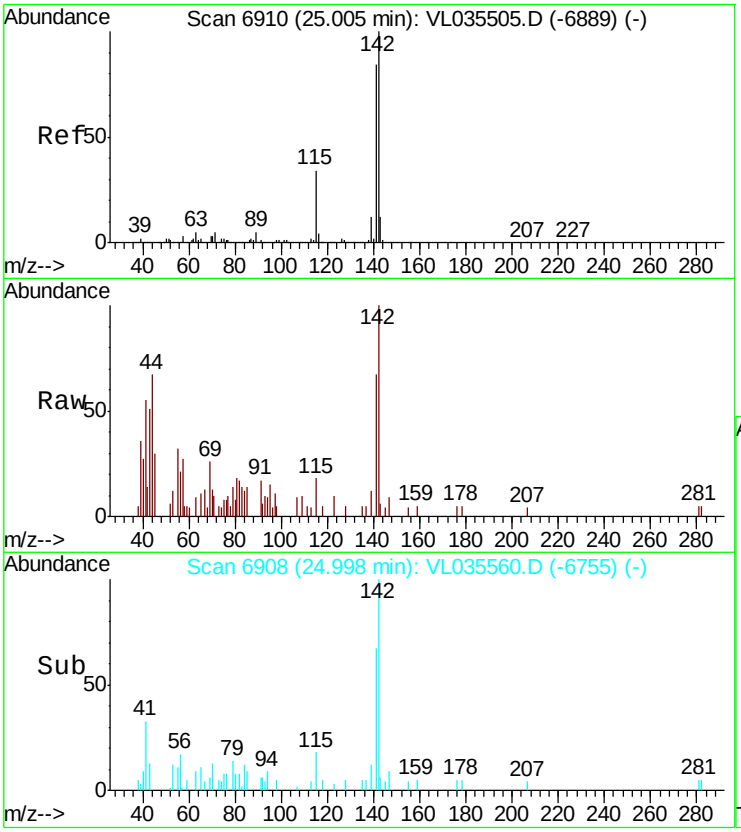


#79
Naphthalene
Concen: 0.039 ppbv
RT: 22.23 min Scan# 6047
Delta R.T. -0.02 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Tgt Ion:128 Resp: 21321

Ion	Ratio	Lower	Upper
128	100		
127	12.2	11.4	17.2
129	10.6	10.5	15.7





#80
Naphthalene,2-methyl-
Concen: 0.044 ppbv
RT: 25.00 min Scan# 6908
Delta R.T. -0.01 min
Lab File: VL035560.D
Acq: 8 Sep 2020 17:30

Instrument :
MSVOA_L
ClientSampleId :
02-WHDUP

Tgt Ion:142 Resp: 8347

Ion	Ratio	Lower	Upper
142	100		
141	85.6	67.6	101.4
115	50.1	25.8	38.8#