Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035458.D
Acq On : 19 Aug 2020 1:40
Operator : SY/AP
Sample : L3725-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 19 02:47:17 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	1085555	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	5030998	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	5079116	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	3715245	10.45	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	69274	0.344	ppbv		92
3) Chlorodifluoromethane	2.99	51	39963	0.294	ppbv		96
4) Chloromethane	3.14	50	16759	0.236	ppbv	#	88
7) Chloroethane	3.56	64	3724	0.119	ppbv		99
9) Propene	3.01	41	594823	10.872	ppbv		94
10) Heptane	8.14	43	72777	0.507	ppbv	#	79
11) Trichlorofluoromethane	3.95	101	380775	1.206	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	18664	0.079	ppbv	#	81
13) Ethanol	3.62	45	3975680	198.346	ppbv		97
15) Acetone	3.85	43	5469119	43.772	ppbv	#	72
16) 1,3-Butadiene	3.31	39	246851	4.872	ppbv	#	41
17) tert-Butyl alcohol	4.32	59	208848	1.293	ppbv		99
19) Isopropyl Alcohol	3.99	45	229337	2.663	ppbv	#	1
20) Methylene Chloride	4.35	84	590770	5.860	ppbv	#	64
21) Allyl Chloride	4.40	41	5479	0.086	ppbv	#	1
23) Vinyl Acetate	5.08	43	195190	1.093	ppbv	#	76
24) 1,1-Dichloroethane	5.02	63	9996	0.056	ppbv	#	92
25) Ethyl Acetate	5.70	43	211942	0.872	ppbv	#	83
26) Hexane	5.70	57	342026	2.493	ppbv	#	33
27) Carbon Disulfide	4.56	76	198319	1.000	ppbv	#	83
29) Chloroform	5.77	83	5522556	20.032	ppbv		88
30) Cyclohexane	7.14	84	46150	0.303	ppbv	#	66
32) 1,1,1-Trichloroethane	6.53	97	18915	0.073	ppbv		94
34) 2-Butanone	5.25	43	2626403	15.625	ppbv	#	68
36) Benzene	6.91	78	640615	1.735	ppbv	#	88
38) Trichloroethene	7.85	130	255194	1.242	ppbv	#	85
39) 1,2-Dichloropropane	7.19	63	866924	7.124	ppbv	#	23
41) Tetrahydrofuran	6.07	42	212374	2.290	ppbv	#	56
43) Methyl Methacrylate	8.03	69	7619	0.053	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.89	57	60109	0.125	ppbv	#	77
50) 4-Methyl-2-Pentanone	8.76	43	522662	2.168	ppbv	#	78
51) 2-Hexanone	10.17	43	87662	0.431	ppbv	#	74
52) Tetrachloroethene	11.25	164	79431	0.353	ppbv	#	86
53) Toluene	9.83	91	1968149	4.138	ppbv		100
57) Chlorobenzene	12.17	112	65089	0.154	ppbv	#	66
58) Ethyl Benzene	12.74	91	481661	0.786	ppbv		94
59) m/p-Xylene	12.99	91	1397877	2.697	ppbv	#	83
60) o-Xylene	13.72	91	646099	1.283	ppbv		88
61) Styrene	13.55	104	132257	0.325	ppbv	#	89
62) Isopropylbenzene	14.70	105	355632	0.431	ppbv		94
64) n-propylbenzene	15.59	120	372937	1.466	ppbv		67

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035458.D
Acq On : 19 Aug 2020 1:40
Operator : SY/AP
Sample : L3725-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 19 02:47:17 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)
65) tert-Butylbenzene	16.80	119	437542	0.545	ppbv	#	90
66) Benzyl Chloride	17.25	91	65511	0.339	ppbv	#	72
67) sec-Butylbenzene	17.33	105	112263	0.106	ppbv		93
69) p-Isopropyltoluene	17.69	119	2198898	2.347	ppbv	#	89
70) n-Butylbenzene	18.60	91	299576	0.339	ppbv	#	30
71) 2-Chlorotoluene	15.35	91	290403	0.485	ppbv	#	47
72) 4-Ethyltoluene	15.87	105	2039456	3.085	ppbv	#	91
73) 1,3,5-Trimethylbenzene	16.03	105	1331748	2.165	ppbv		90
74) 1,2,4-Trimethylbenzene	16.79	105	3501067	5.238	ppbv	#	70
79) Naphthalene	22.25	128	422161	0.449	ppbv		96
80) Naphthalene,2-methyl-	25.00	142	251128	0.646	ppbv		96

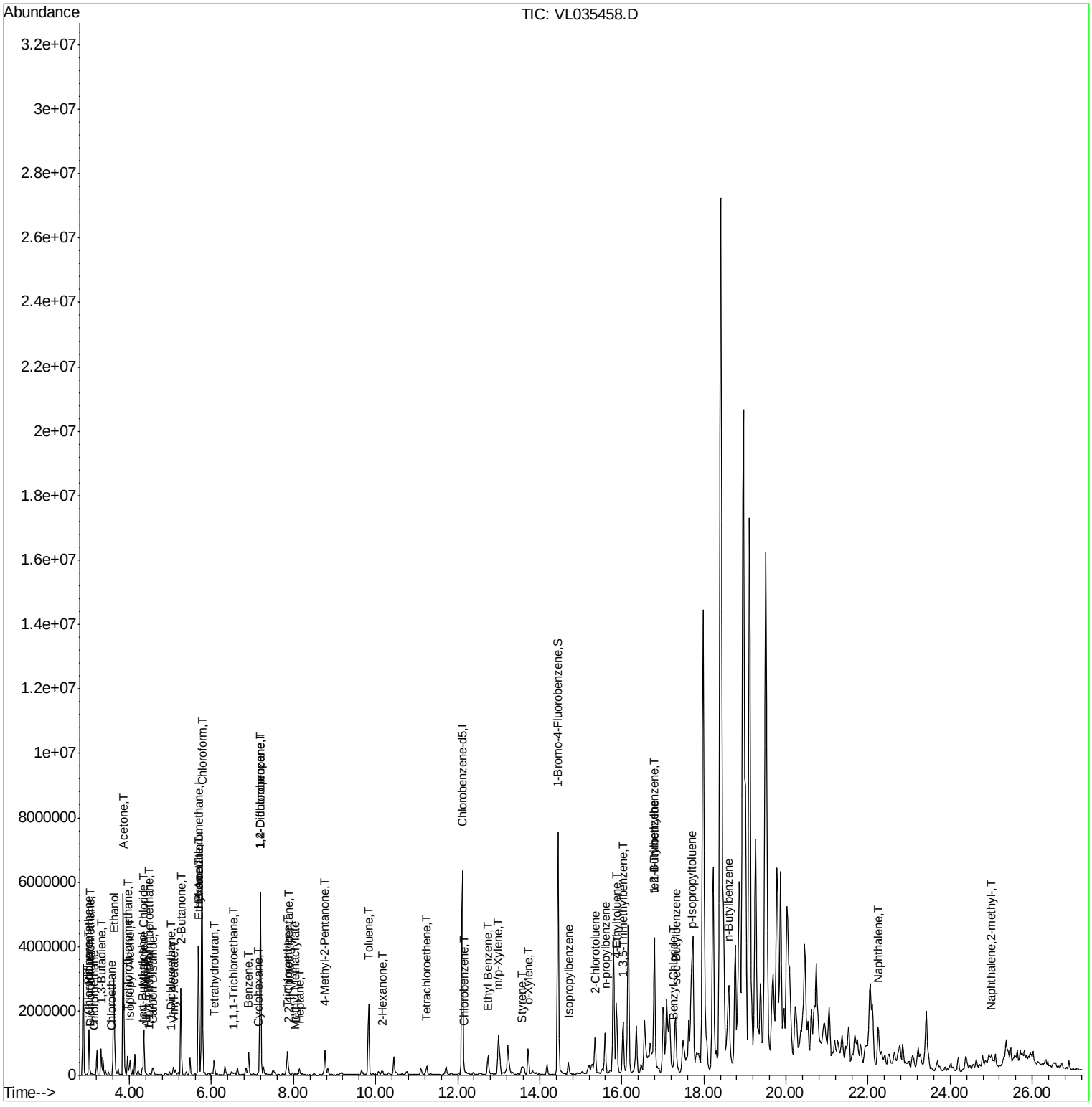
(#) = qualifier out of range (m) = manual integration (+) = signals summed

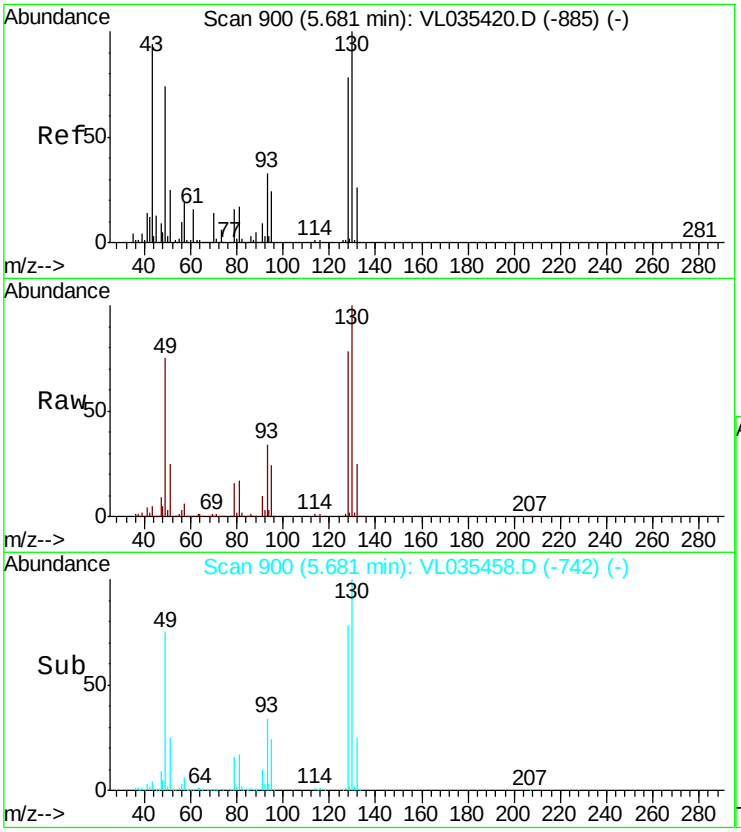
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035458.D
Acq On : 19 Aug 2020 1:40
Operator : SY/AP
Sample : L3725-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 19 02:47:17 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



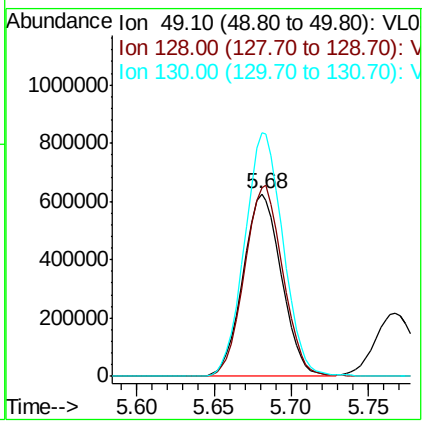


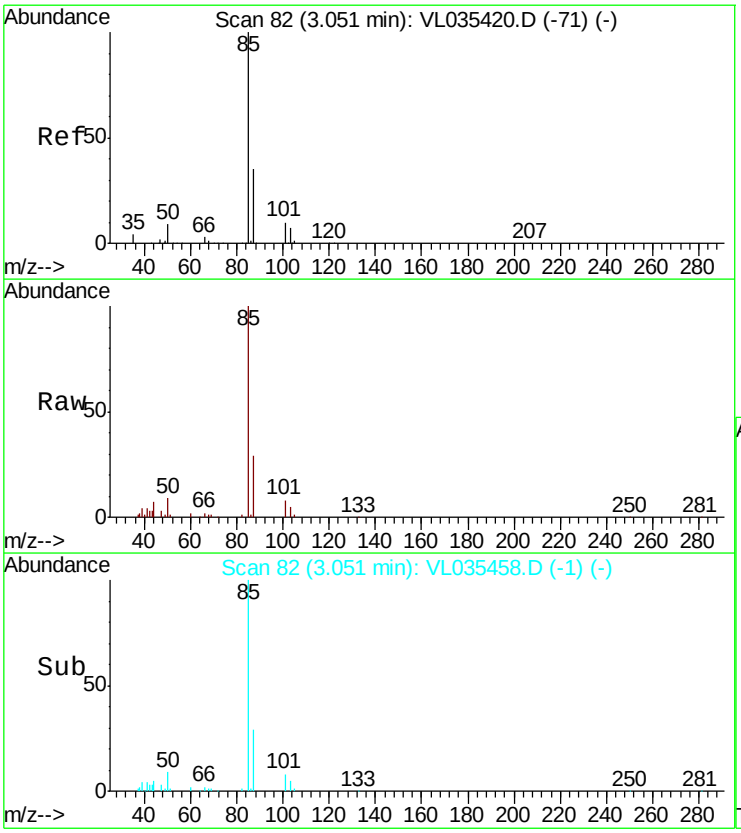
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1085555

Ion	Ratio	Lower	Upper
49	100		
128	104.6	20.9	62.7#
130	134.1	26.7	80.1#

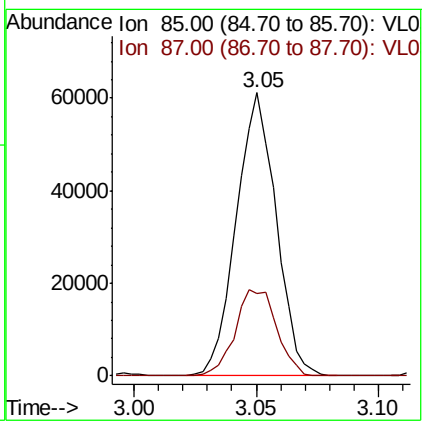


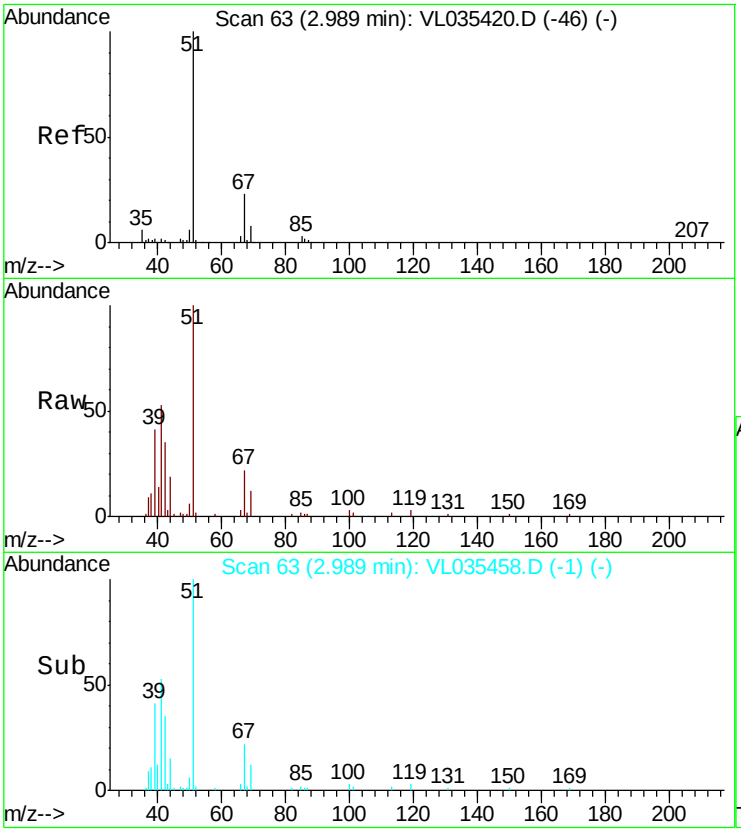


#2
Dichlorodifluoromethane
Concen: 0.344 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 85 Resp: 69274

Ion	Ratio	Lower	Upper
85	100		
87	29.0	27.1	40.7



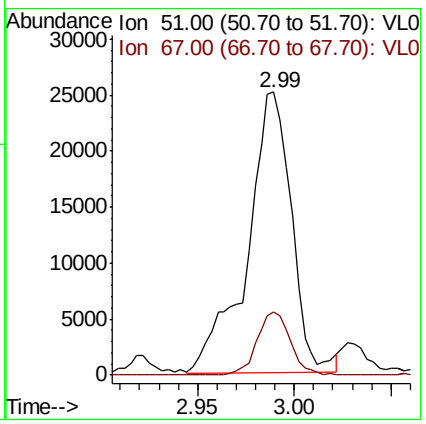


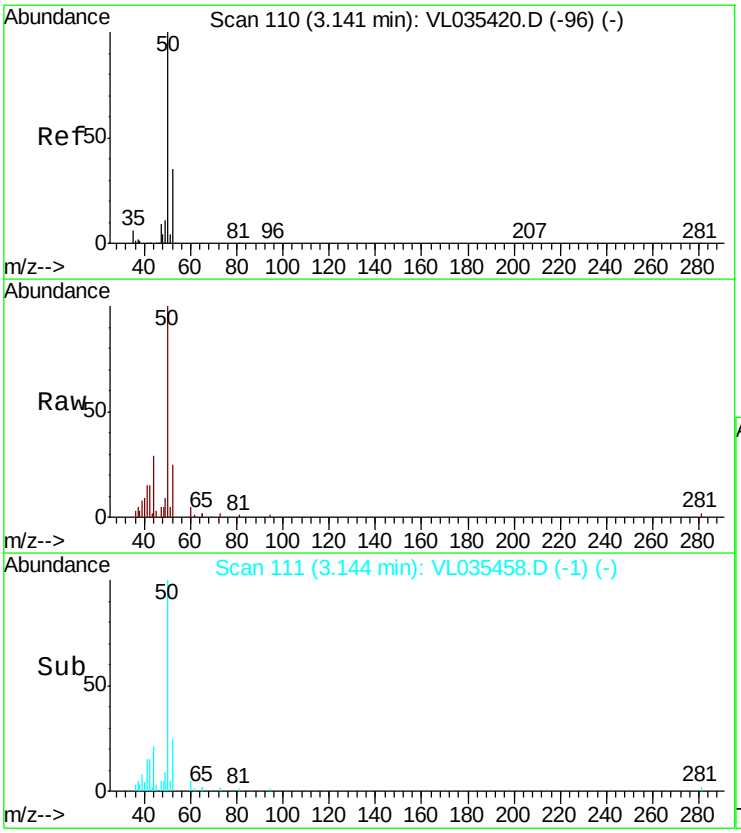
#3
Chlorodifluoromethane
Concen: 0.294 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 39963

Ion	Ratio	Lower	Upper
51	100		
67	16.8	15.0	22.6

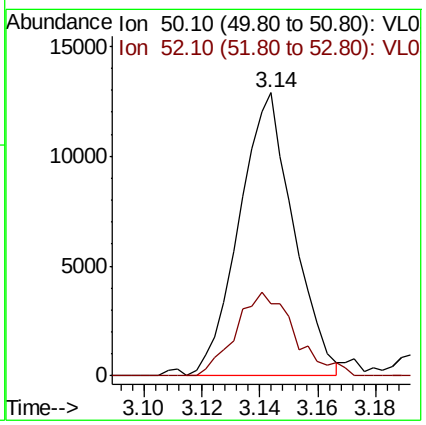


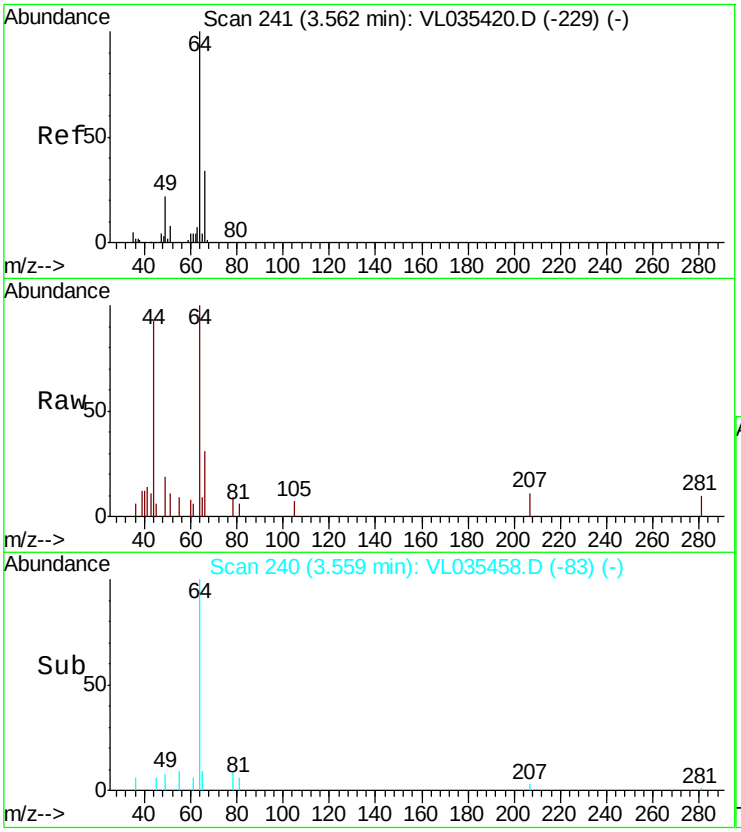


#4
Chloromethane
Concen: 0.236 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 50 Resp: 16759

Ion	Ratio	Lower	Upper
50	100		
52	25.4	25.9	38.9#



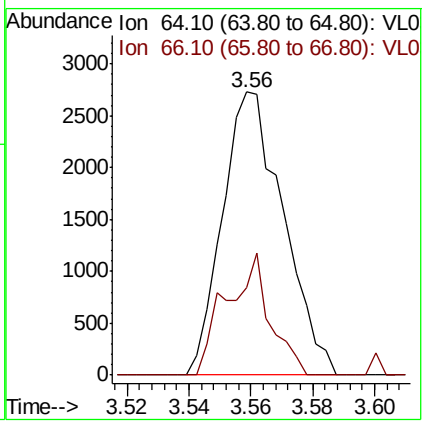


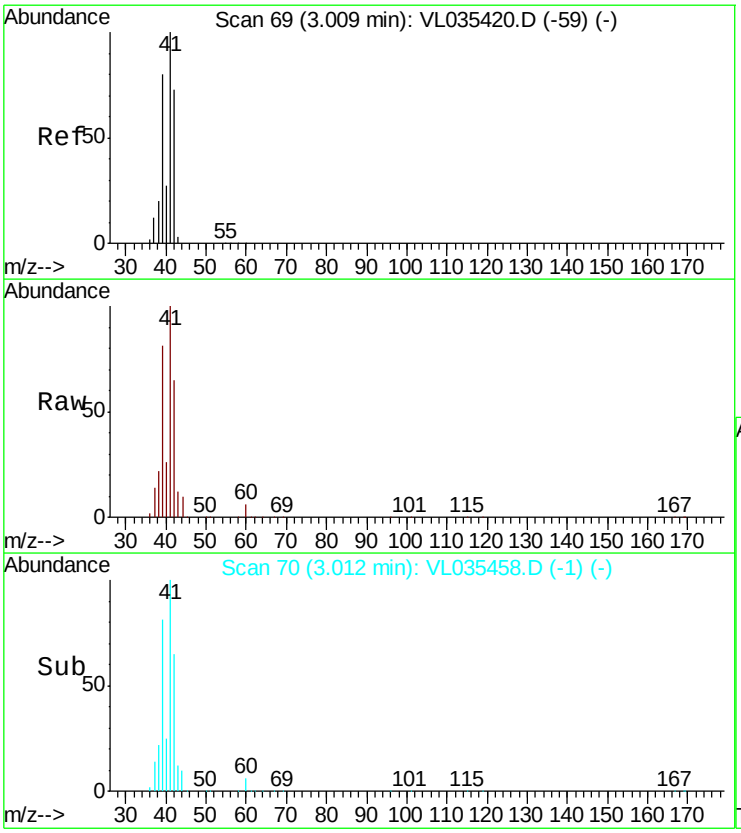
#7
Chloroethane
Concen: 0.119 ppbv
RT: 3.56 min Scan# 240
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 3724

Ion	Ratio	Lower	Upper
64	100		
66	31.0	24.5	36.7

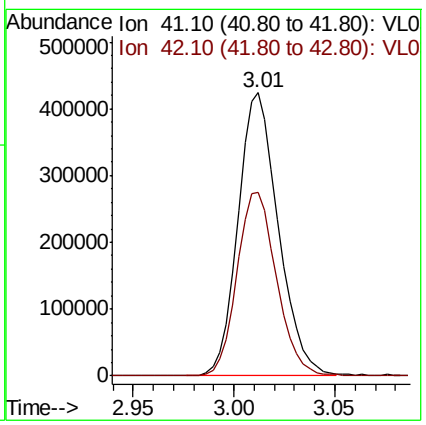


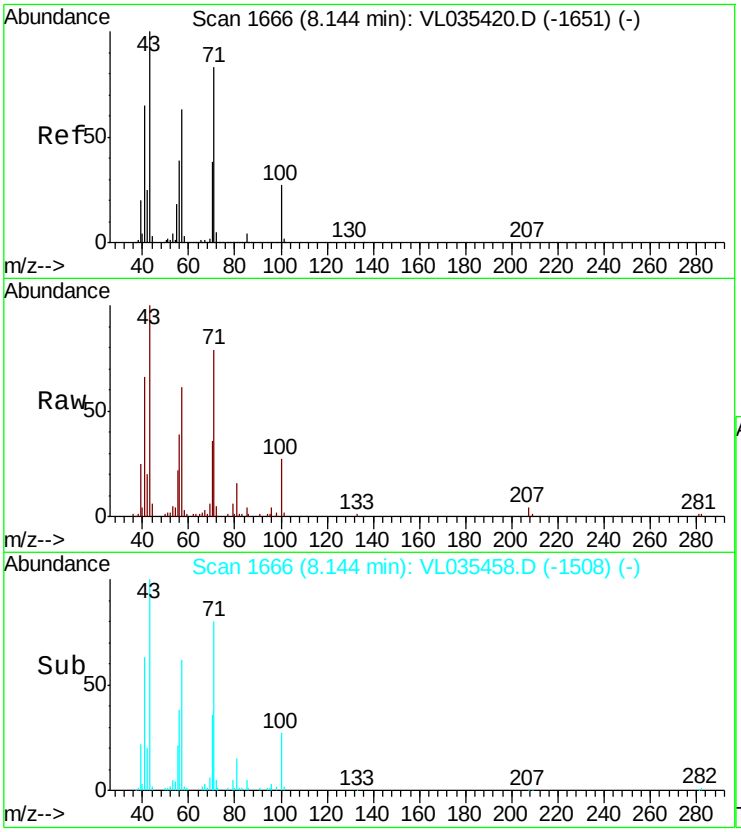


#9
Propene
Concen: 10.872 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 41 Resp: 594823

Ion	Ratio	Lower	Upper
41	100		
42	64.1	55.5	83.3



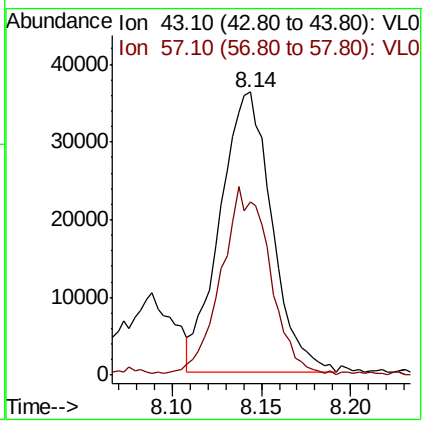


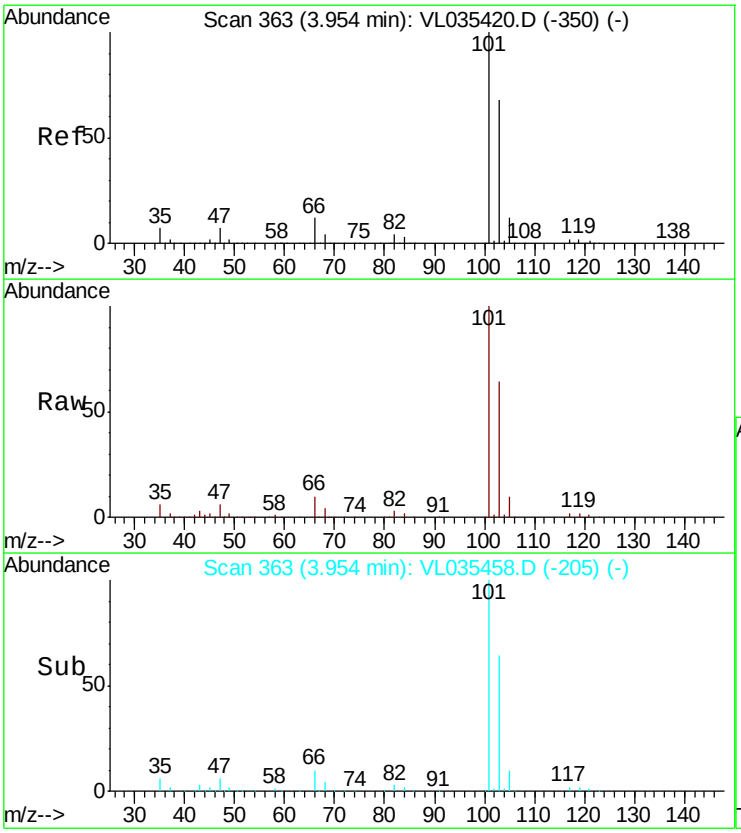
#10
Heptane
Concen: 0.507 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 72777

Ion	Ratio	Lower	Upper
43	100		
57	64.4	39.8	59.6#

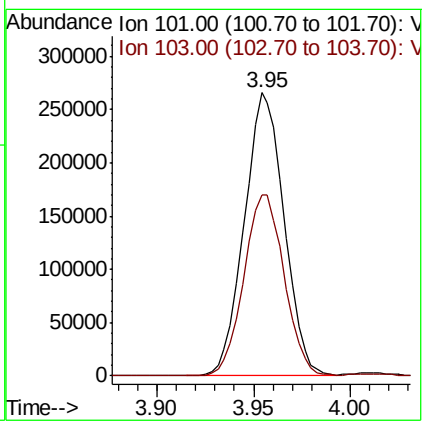


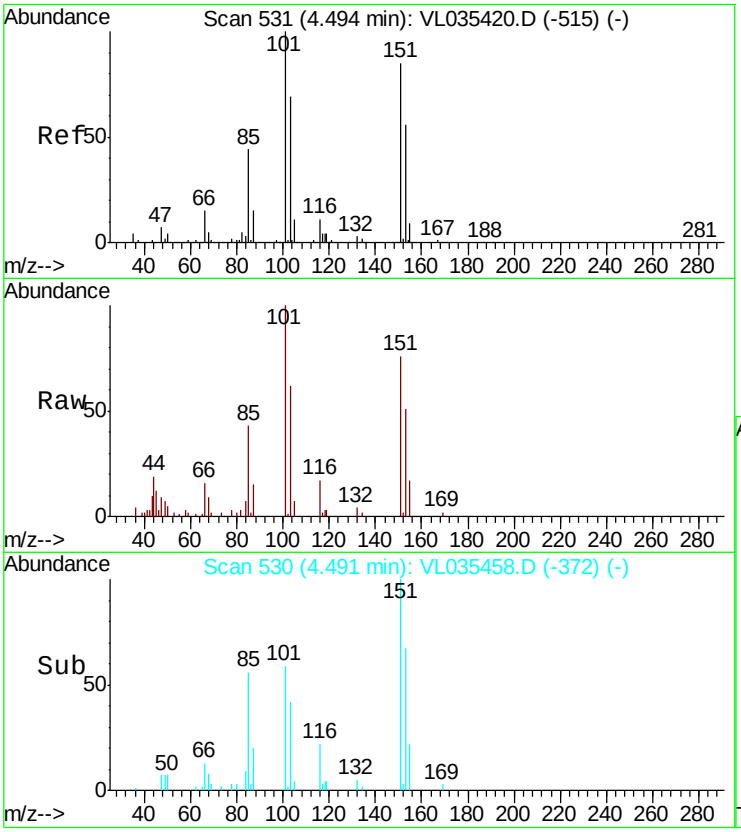


#11
Trichlorofluoromethane
Concen: 1.206 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:101 Resp: 380775

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.6	78.8



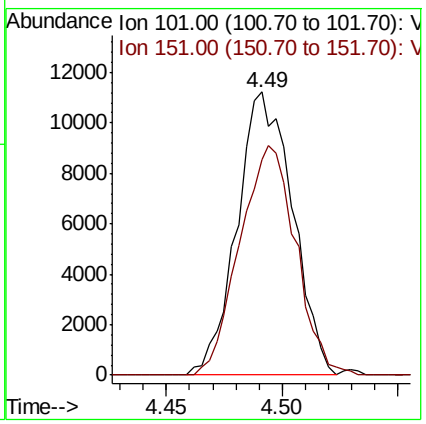


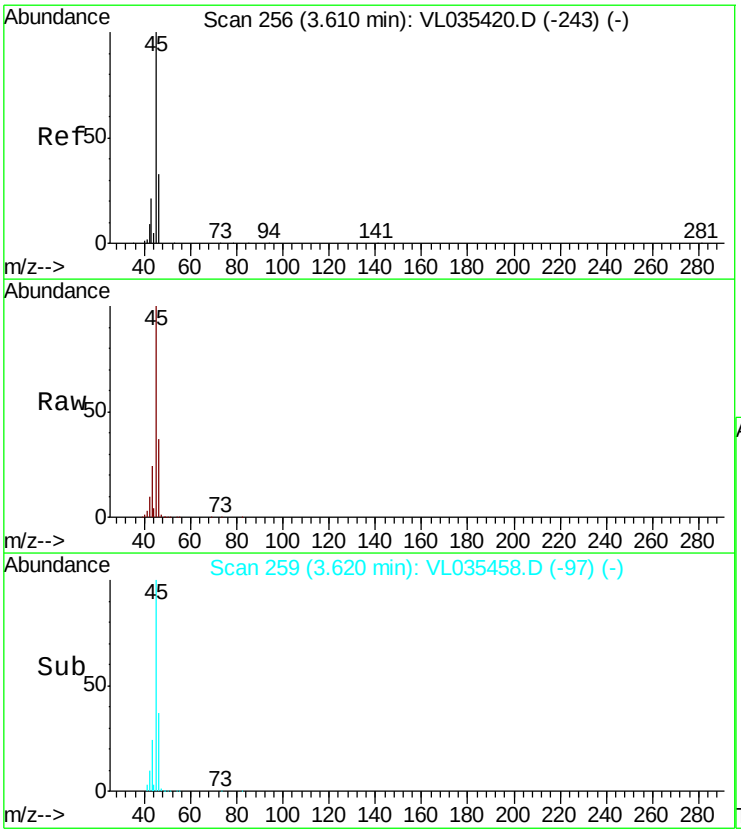
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.079 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 18664

Ion	Ratio	Lower	Upper
101	100		
151	82.0	53.6	80.4#

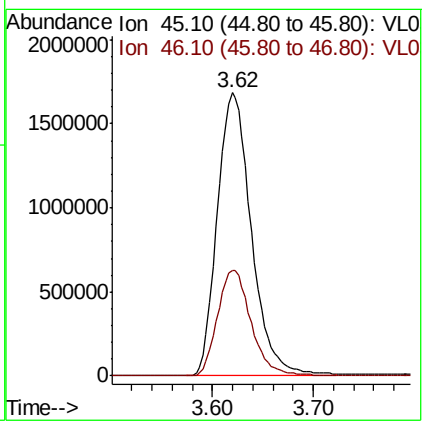


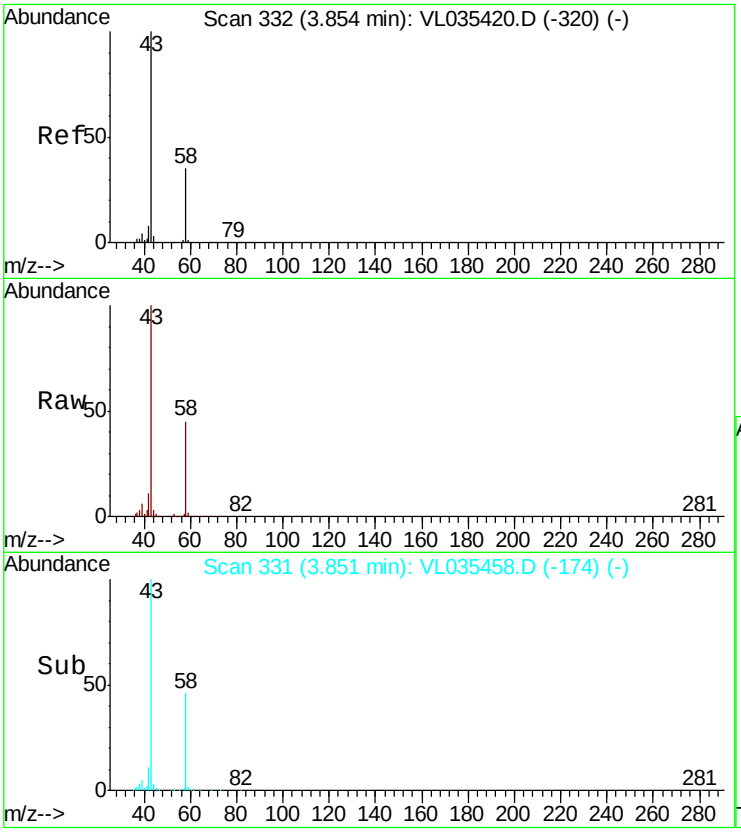


#13
Ethanol
Concen: 198.346 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 45 Resp: 3975680

Ion	Ratio	Lower	Upper
45	100		
46	37.3	14.2	56.6



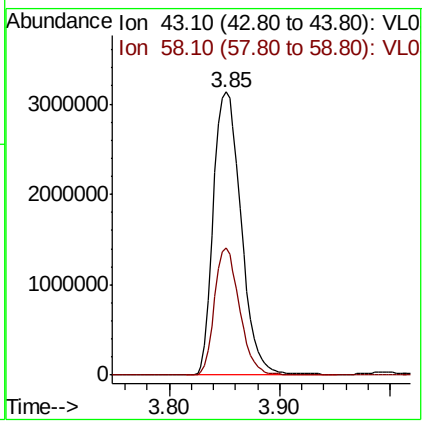


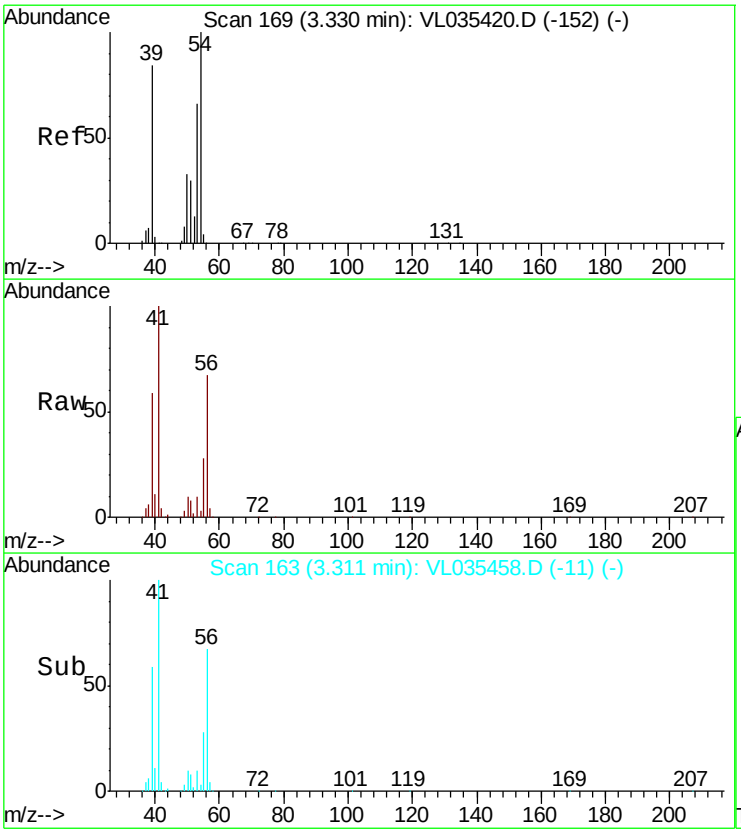
#15
Acetone
Concen: 43.772 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 5469119

Ion	Ratio	Lower	Upper
43	100		
58	40.6	21.0	31.6#

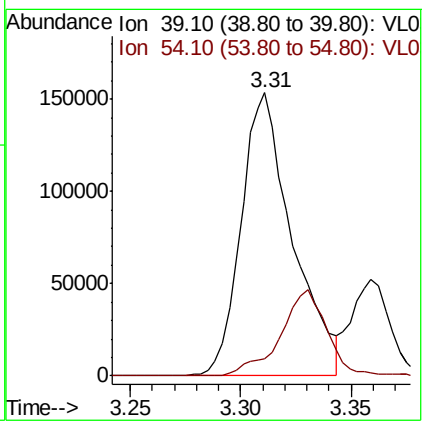


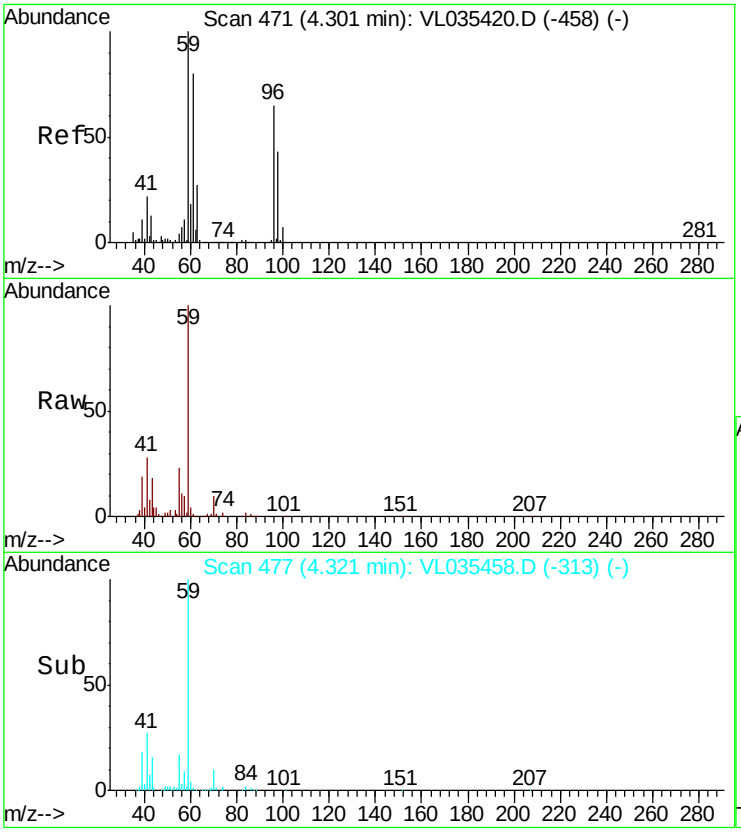


#16
1,3-Butadiene
Concen: 4.872 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 39 Resp: 246851

Ion	Ratio	Lower	Upper
39	100		
54	27.9	64.4	96.6#



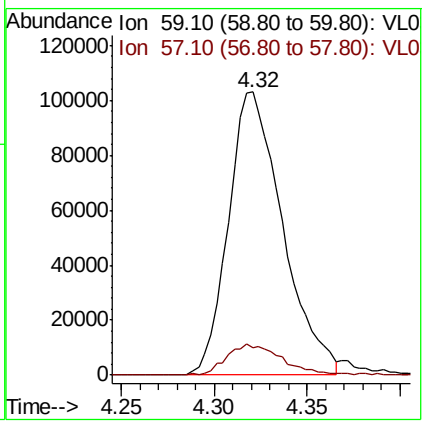


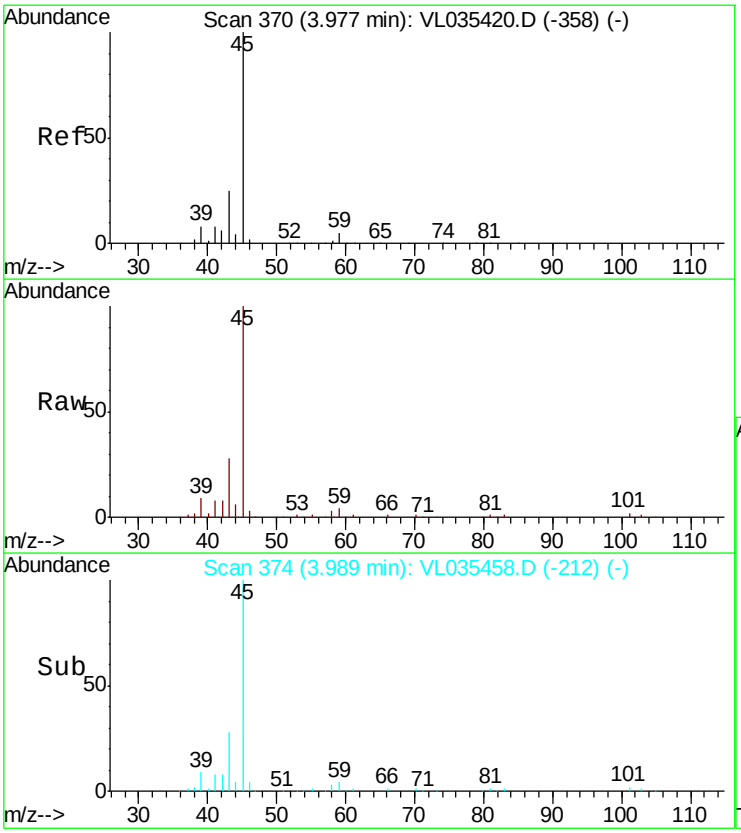
#17
tert-Butyl alcohol
Concen: 1.293 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.03 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 208848

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.9	13.3

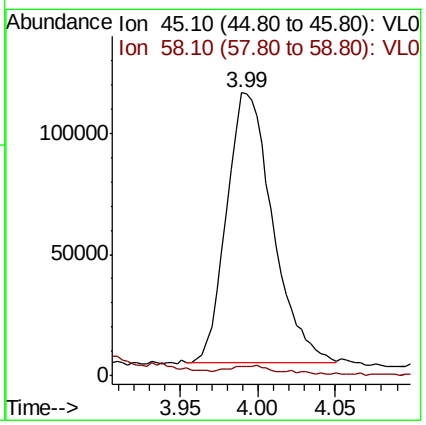


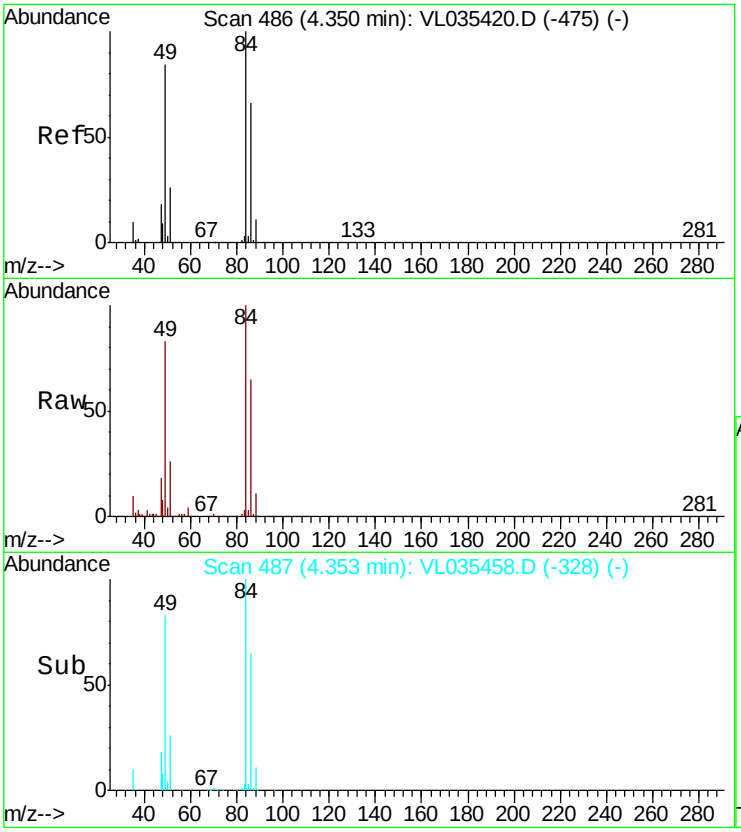


#19
Isopropyl Alcohol
Concen: 2.663 ppbv
RT: 3.99 min Scan# 374
Delta R.T. 0.02 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 45 Resp: 229337

Ion	Ratio	Lower	Upper
45	100		
58	967.4	1.0	1.6#



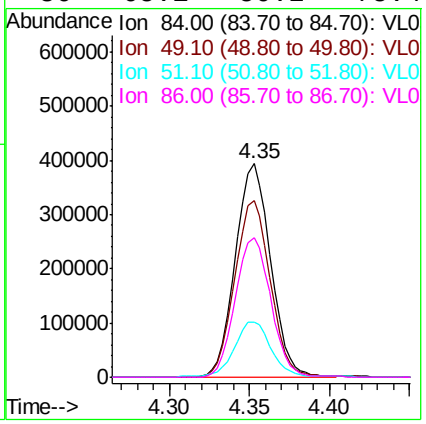


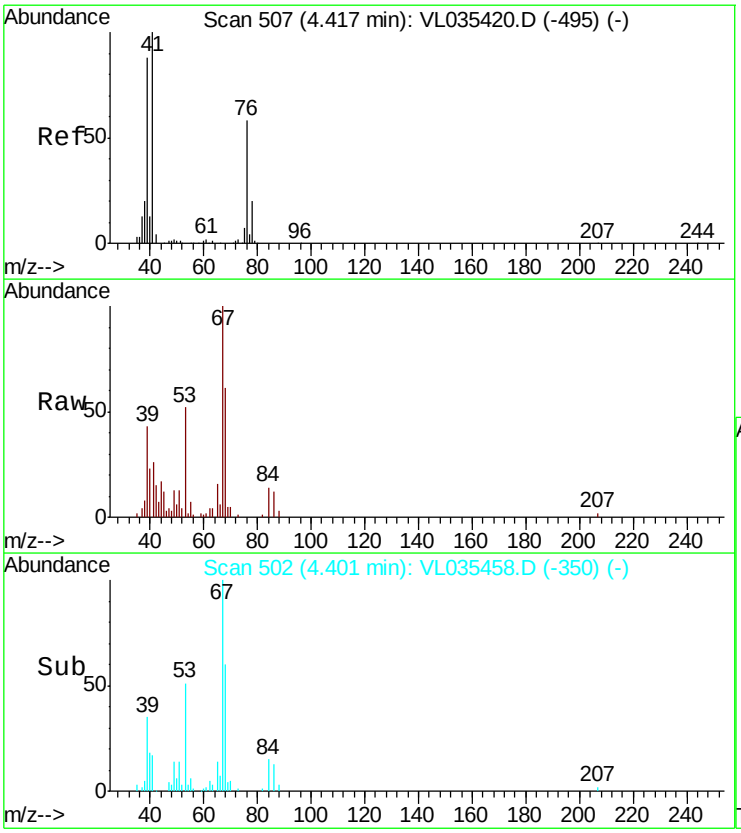
#20
Methylene Chloride
Concen: 5.860 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 590770

Ion	Ratio	Lower	Upper
84	100		
49	82.6	118.6	177.8#
51	25.5	36.4	54.6#
86	65.1	50.2	75.4

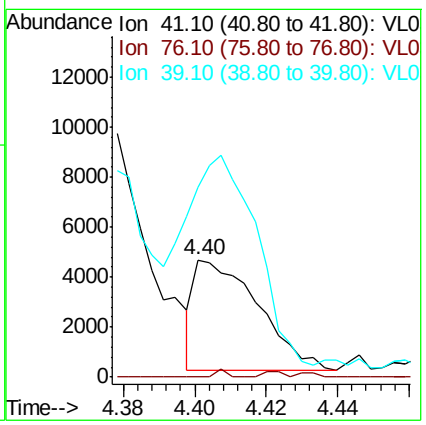


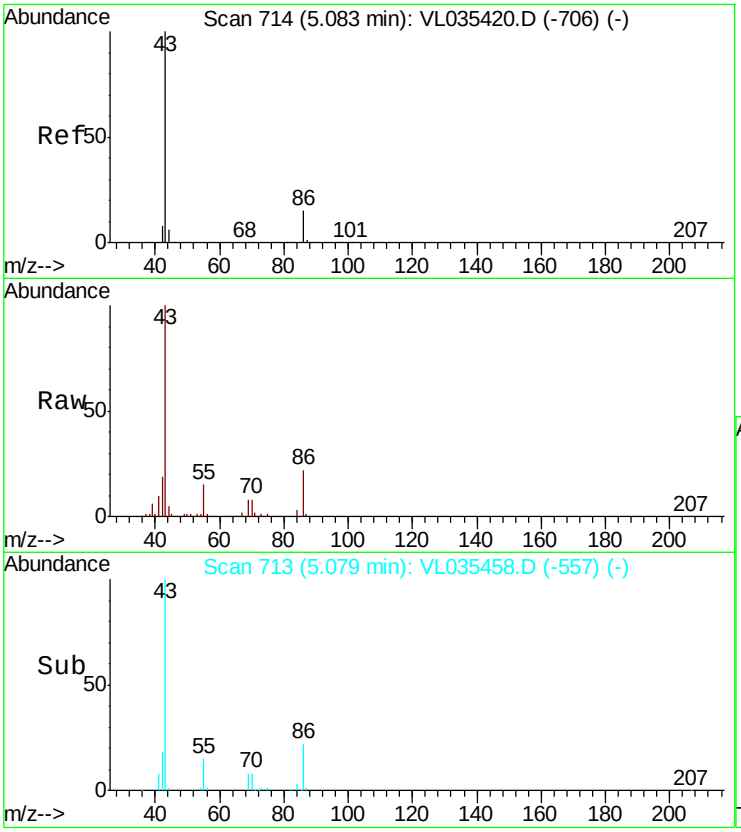


#21
Allyl Chloride
Concen: 0.086 ppbv
RT: 4.40 min Scan# 502
Delta R.T. -0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 41 Resp: 5479

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	220.0	66.2	99.2#



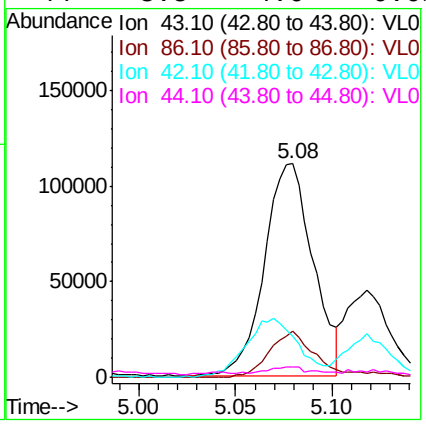


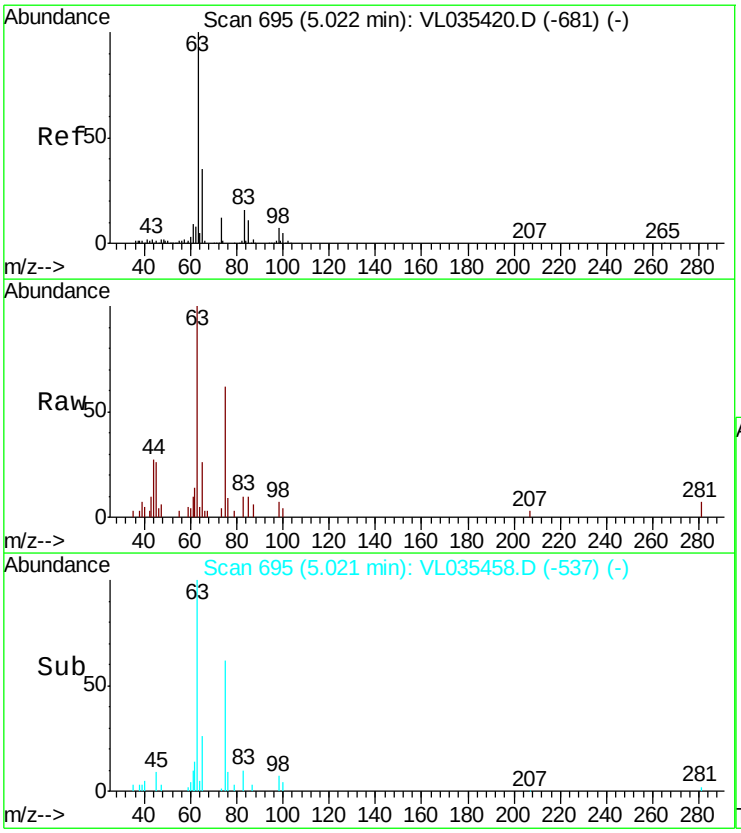
#23
Vinyl Acetate
Concen: 1.093 ppbv
RT: 5.08 min Scan# 713
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 195190

Ion	Ratio	Lower	Upper
43	100		
86	21.7	6.5	9.7#
42	18.8	8.3	12.5#
44	3.5	4.0	6.0#

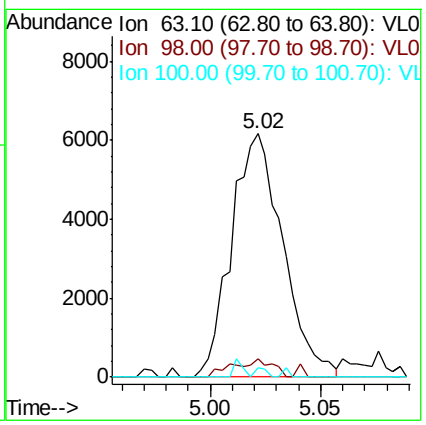


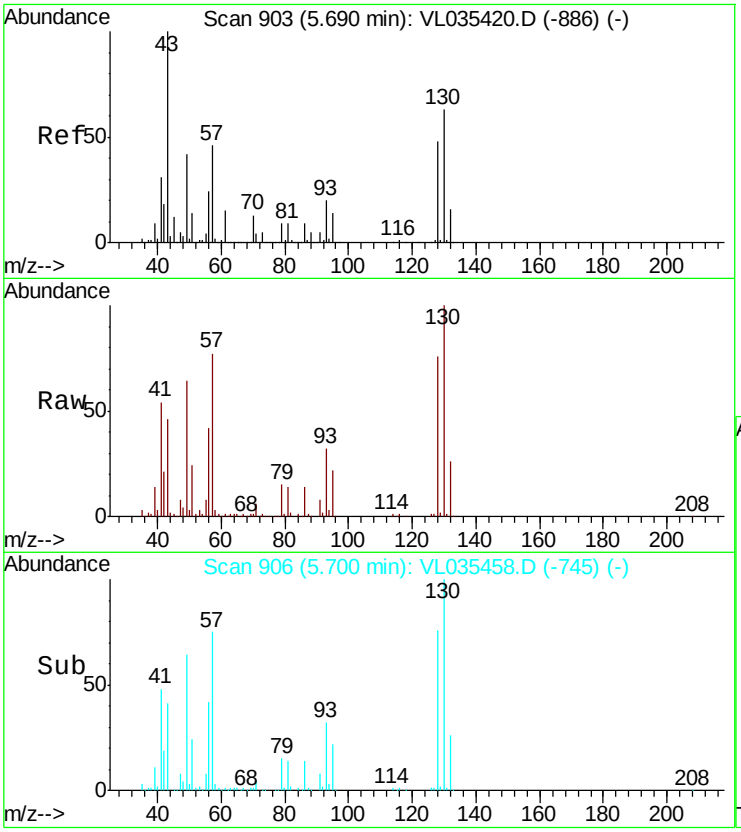


#24
1,1-Dichloroethane
Concen: 0.056 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 63 Resp: 9996

Ion	Ratio	Lower	Upper
63	100		
98	7.4	2.1	6.5#
100	3.9	1.3	3.8#



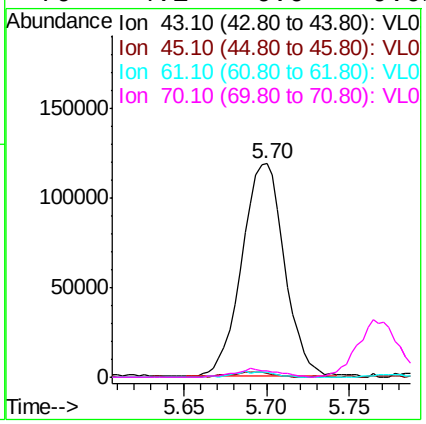


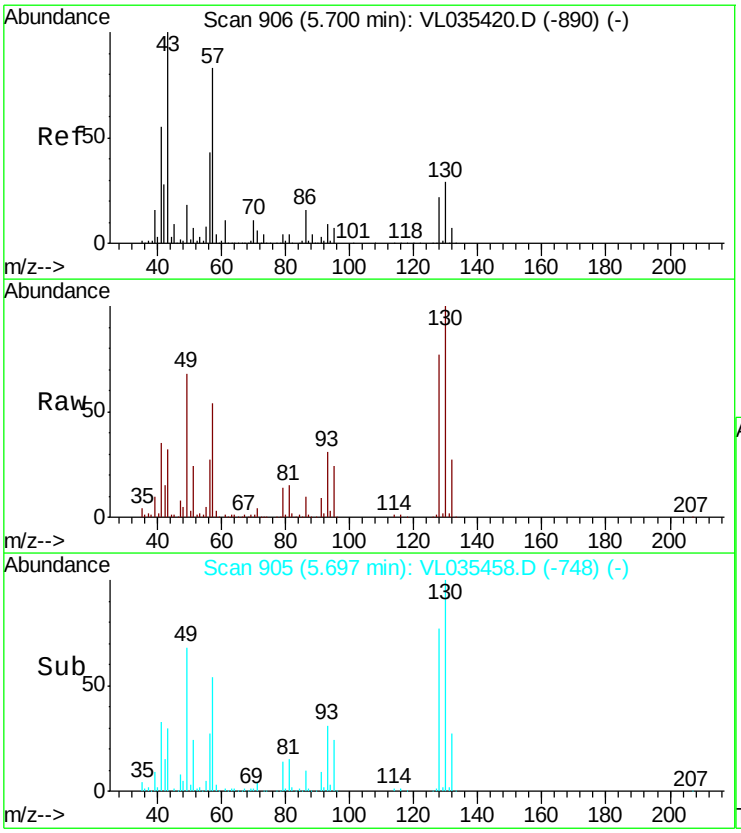
#25
Ethyl Acetate
Concen: 0.872 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 211942

Ion	Ratio	Lower	Upper
43	100		
45	2.8	8.3	12.5#
61	2.6	7.6	11.4#
70	4.1	6.0	9.0#

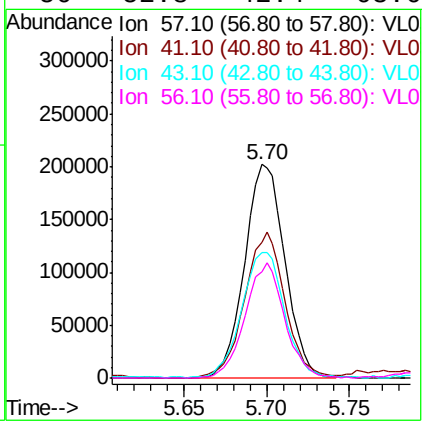


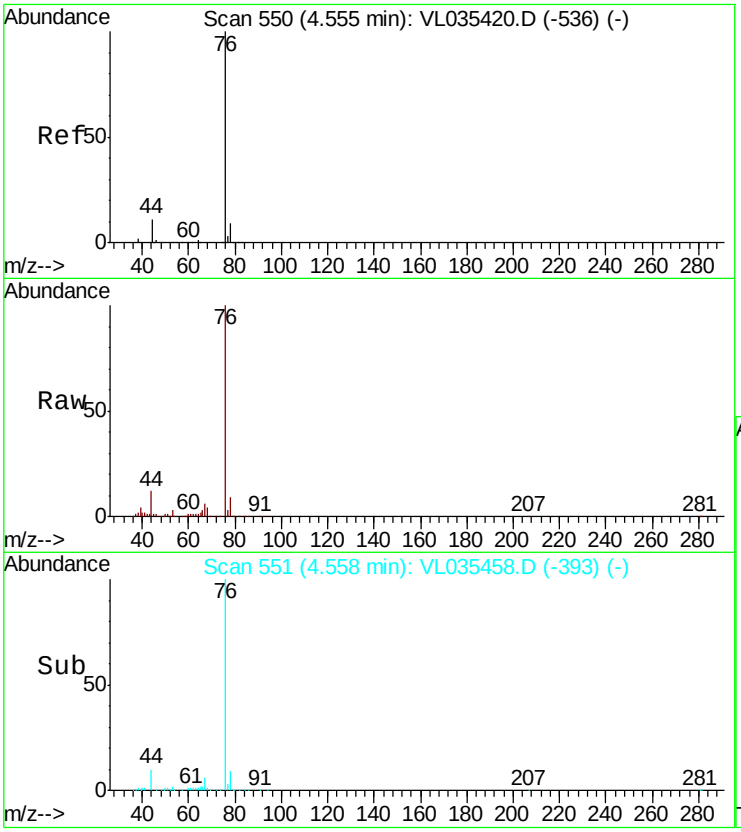


#26
Hexane
Concen: 2.493 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 57 Resp: 342026

Ion	Ratio	Lower	Upper
57	100		
41	67.8	75.5	113.3#
43	63.7	181.7	272.5#
56	52.8	42.4	63.6



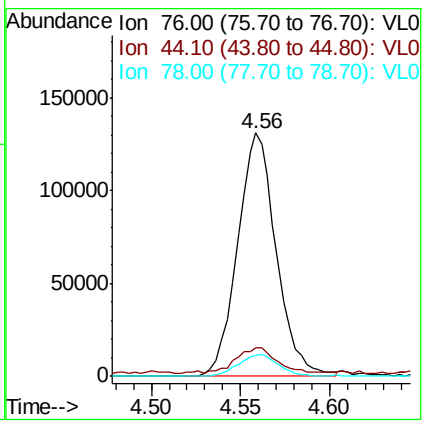


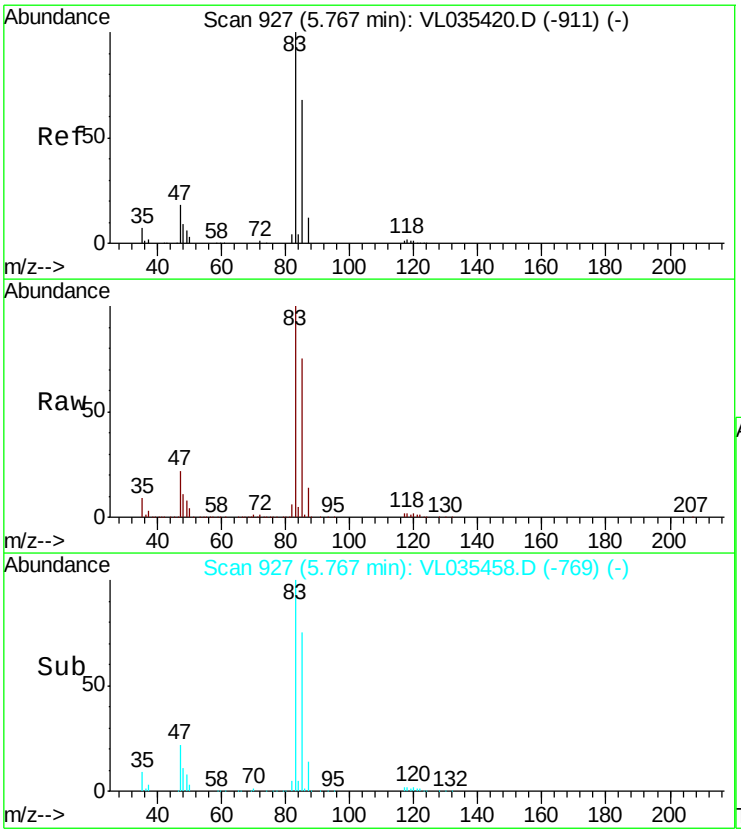
#27
Carbon Disulfide
Concen: 1.000 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 198319

Ion	Ratio	Lower	Upper
76	100		
44	10.2	16.8	25.2#
78	9.6	7.3	10.9

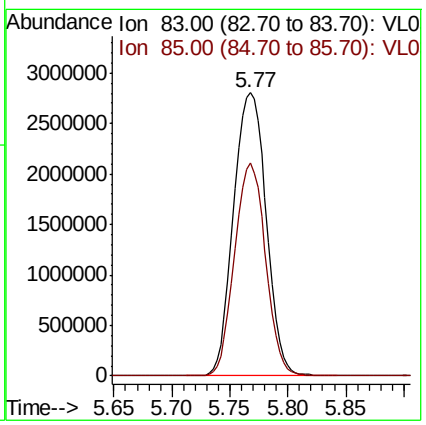


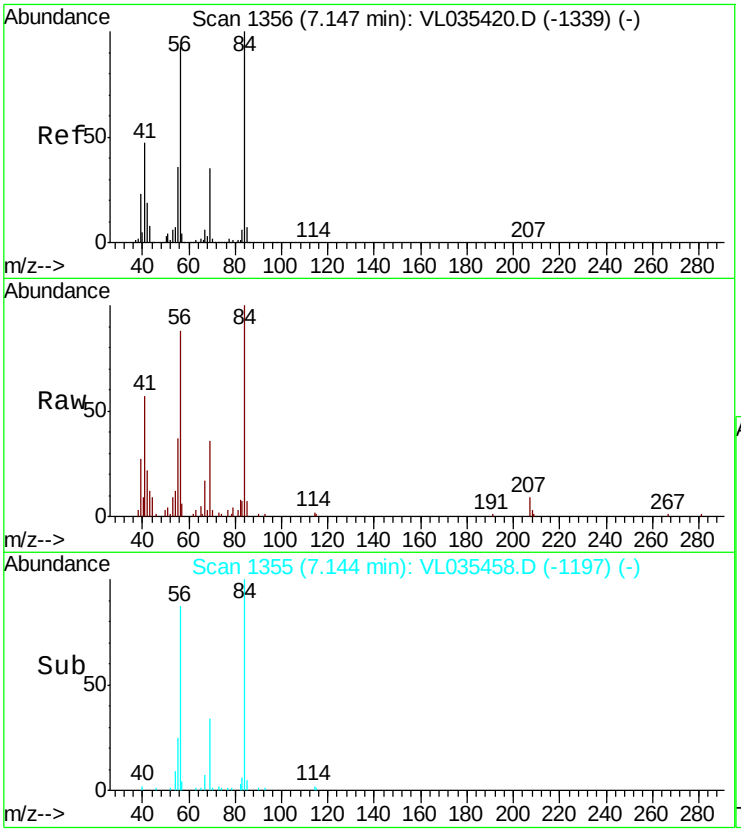


#29
Chloroform
Concen: 20.032 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 83 Resp: 5522556

Ion	Ratio	Lower	Upper
83	100		
85	75.2	52.7	79.1



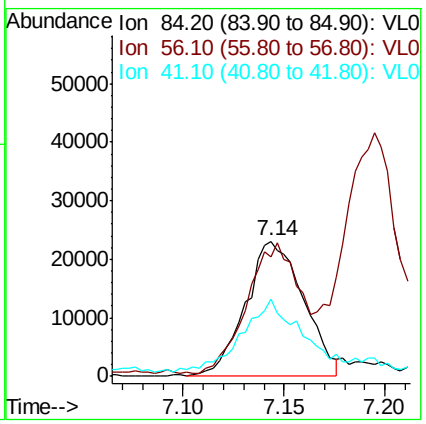


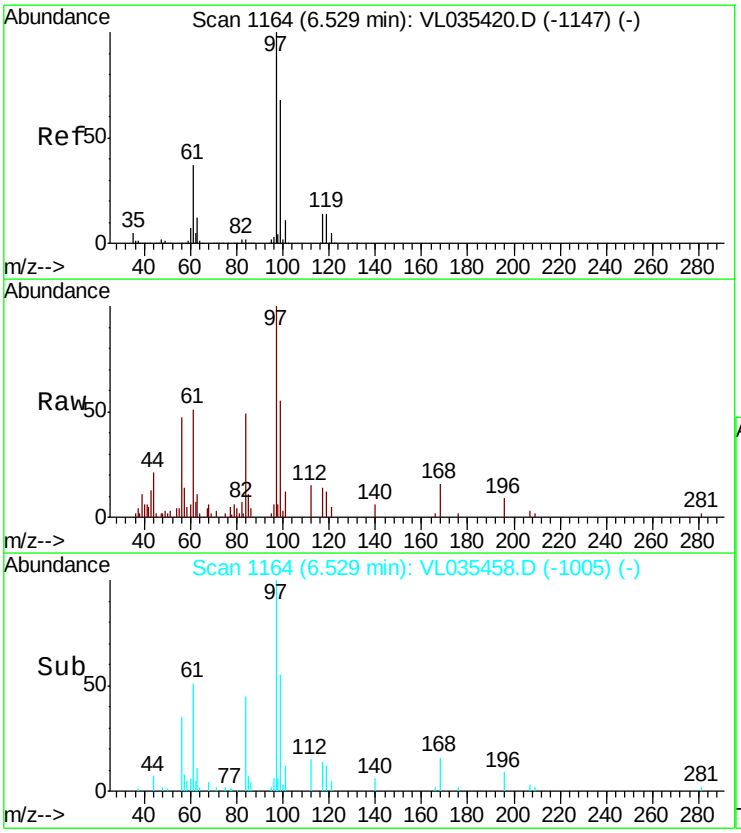
#30
Cyclohexane
Concen: 0.303 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 46150

Ion	Ratio	Lower	Upper
84	100		
56	91.5	114.9	172.3#
41	69.9	72.3	108.5#

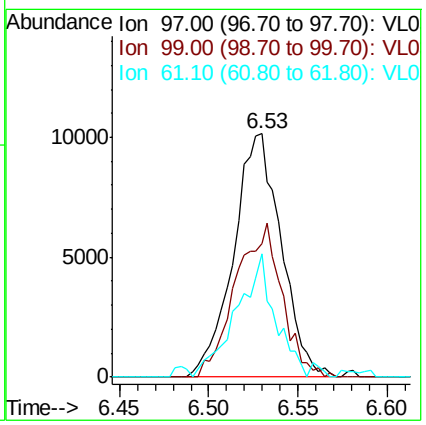


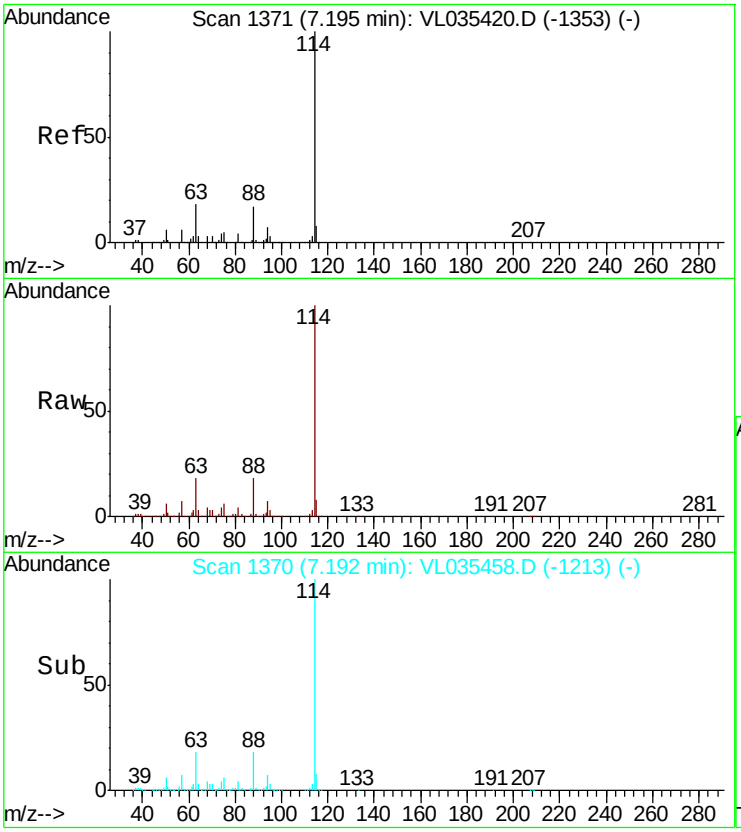


#32
1,1,1-Trichloroethane
Concen: 0.073 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 97 Resp: 18915

Ion	Ratio	Lower	Upper
97	100		
99	61.5	51.4	77.0
61	45.0	41.0	61.6



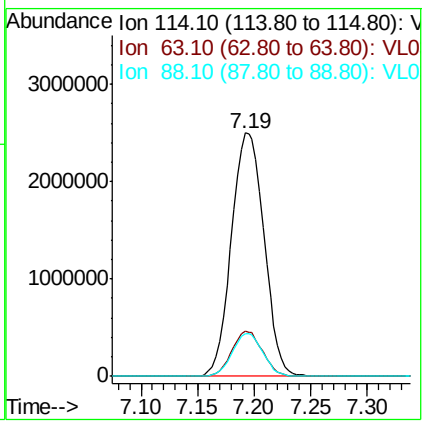


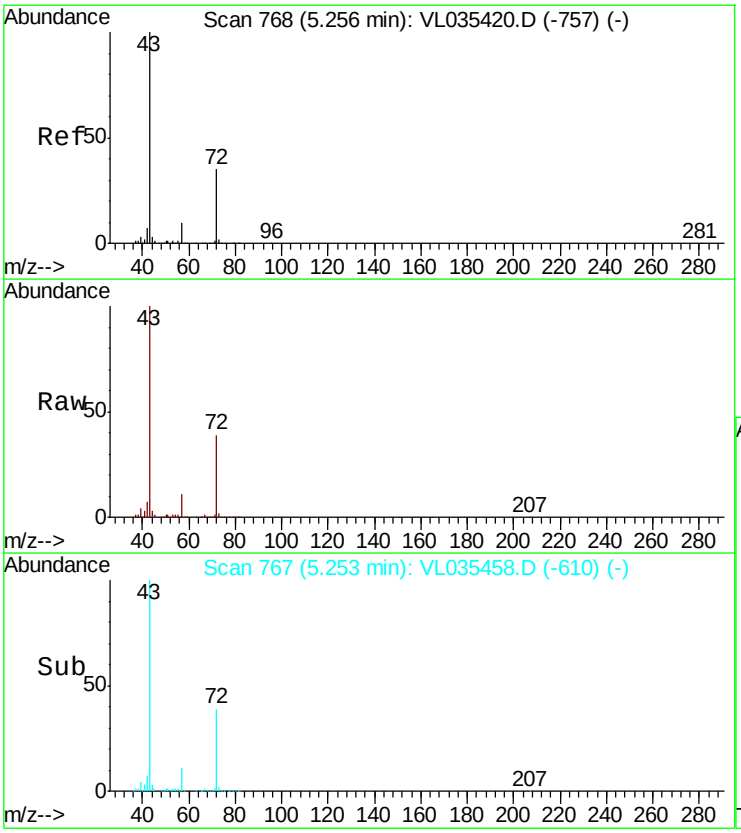
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 5030998

Ion	Ratio	Lower	Upper
114	100		
63	17.3	23.1	34.7#
88	16.5	15.9	23.9

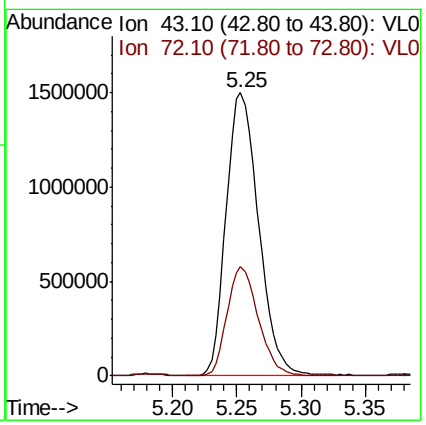


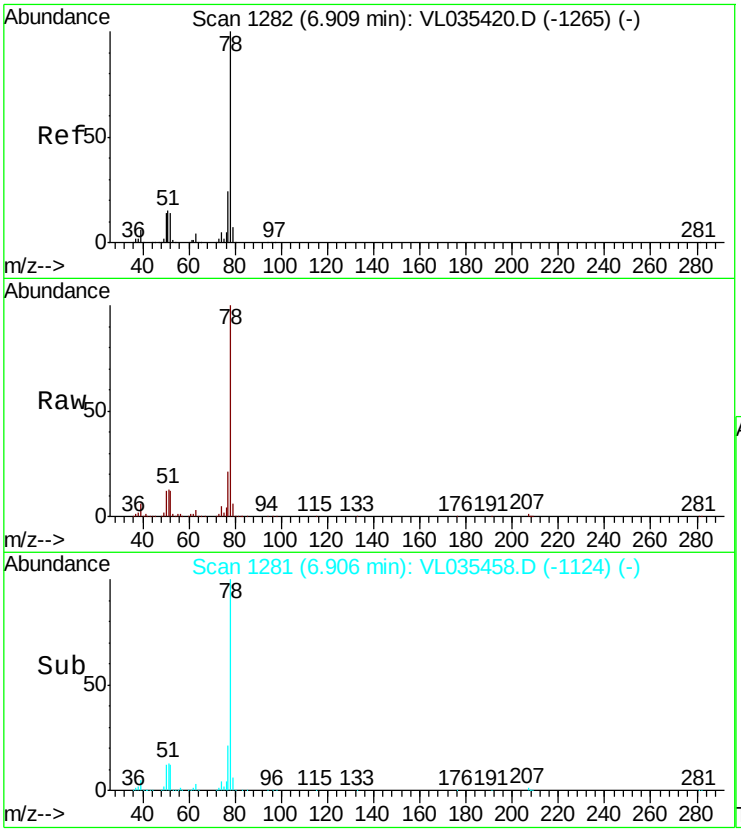


#34
2-Butanone
Concen: 15.625 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 43 Resp: 2626403

Ion	Ratio	Lower	Upper
43	100		
72	37.1	17.6	26.4#



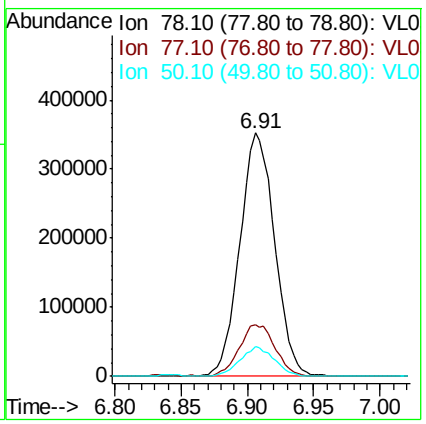


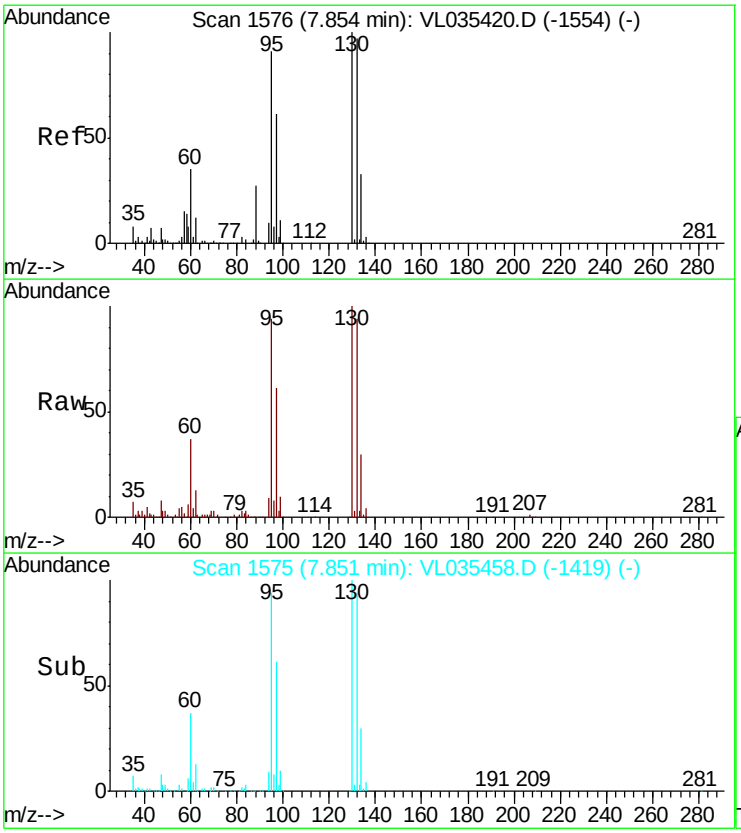
#36
Benzene
Concen: 1.735 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 640615

Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.6	29.4
50	11.9	16.3	24.5#

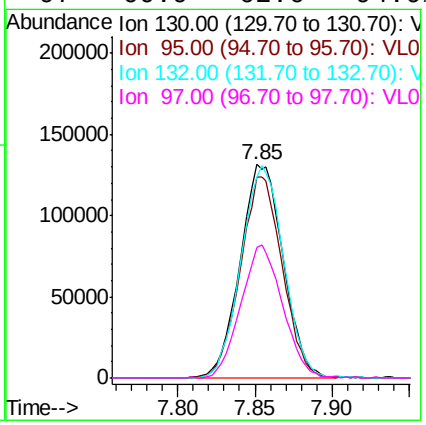


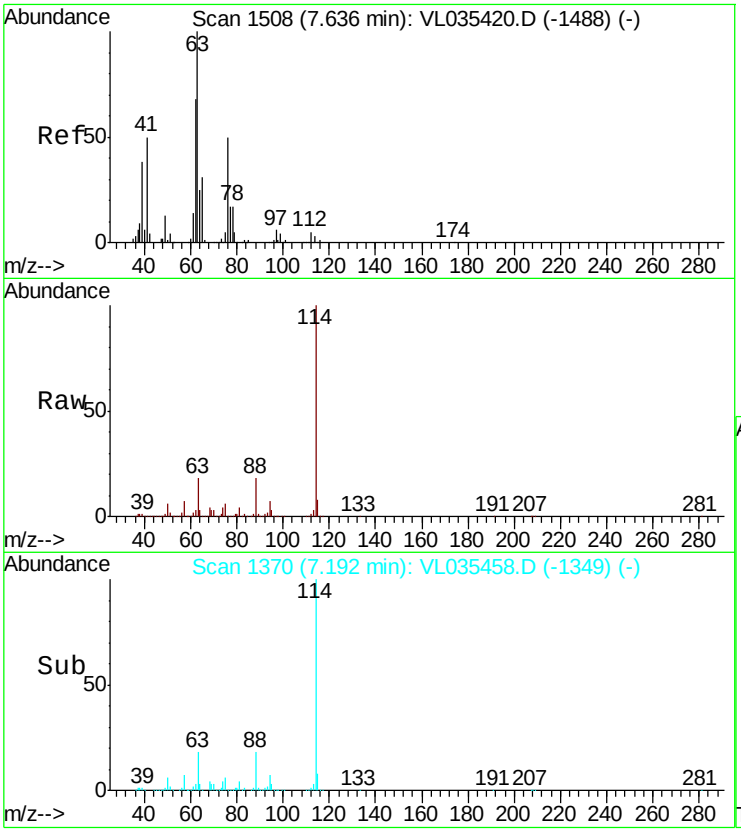


#38
Trichloroethene
Concen: 1.242 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:130 Resp: 255194

Ion	Ratio	Lower	Upper
130	100		
95	93.7	95.8	143.8#
132	94.1	74.3	111.5
97	60.9	62.6	94.0#



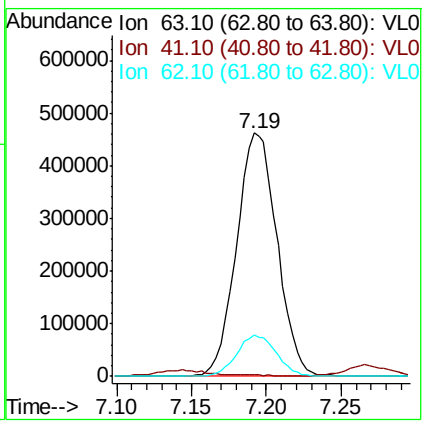


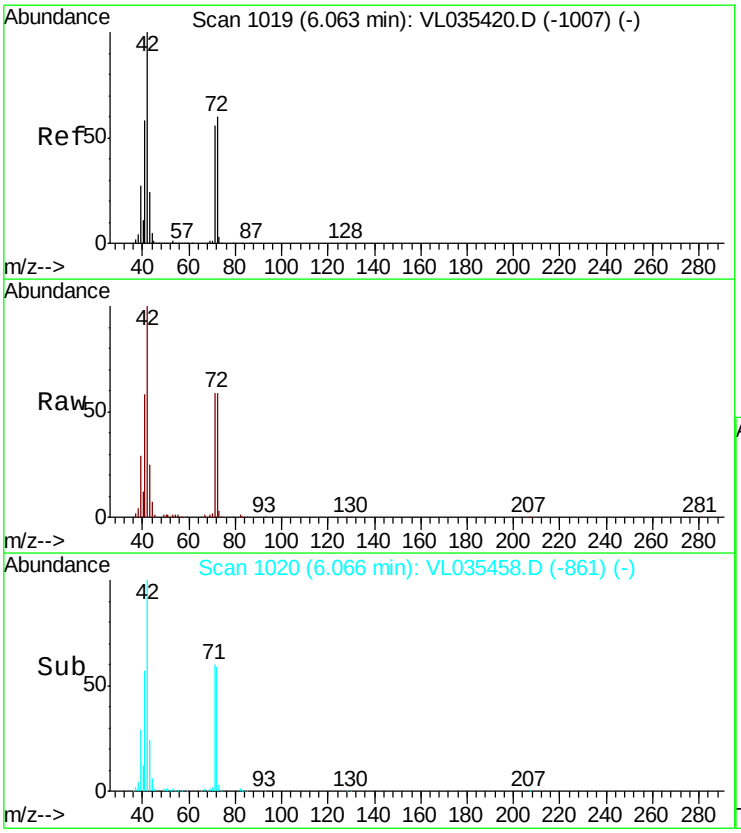
#39
1,2-Dichloropropane
Concen: 7.124 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.43 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 866924

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.1	91.7#
62	17.1	55.3	82.9#

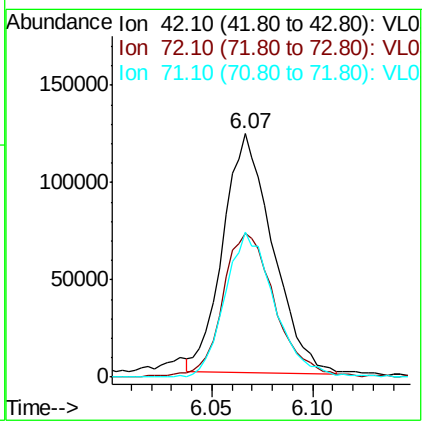


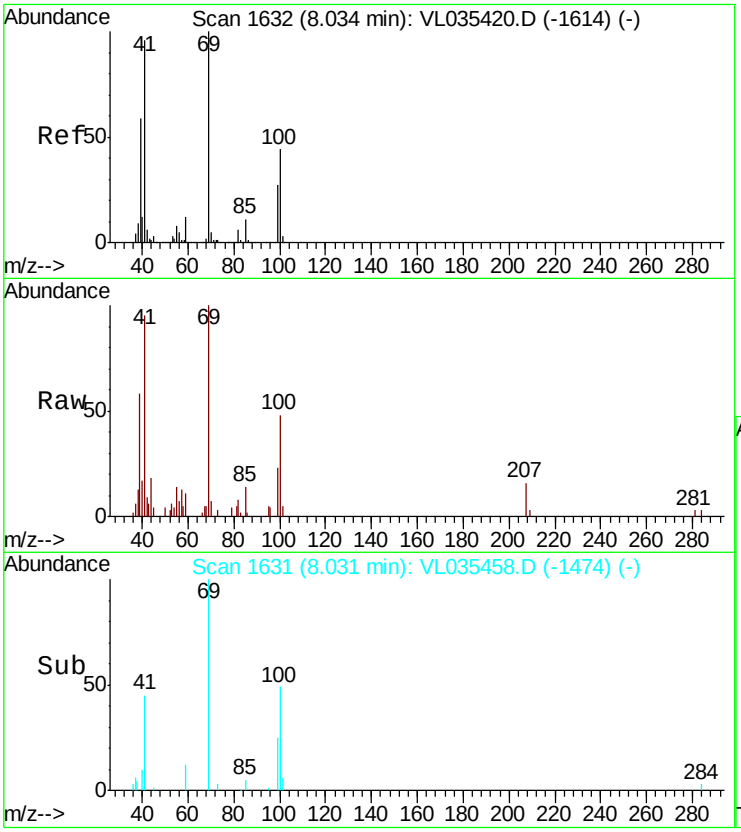


#41
Tetrahydrofuran
Concen: 2.290 ppbv
RT: 6.07 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 42 Resp: 212374

Ion	Ratio	Lower	Upper
42	100		
72	64.2	29.4	44.2#
71	60.2	28.9	43.3#



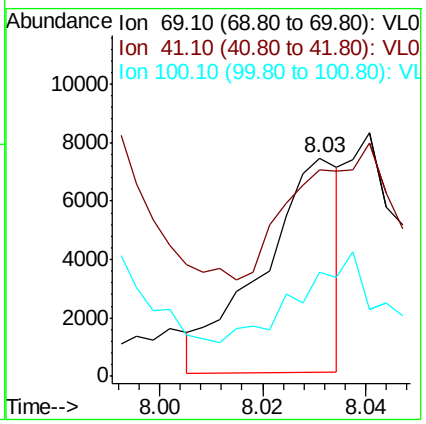


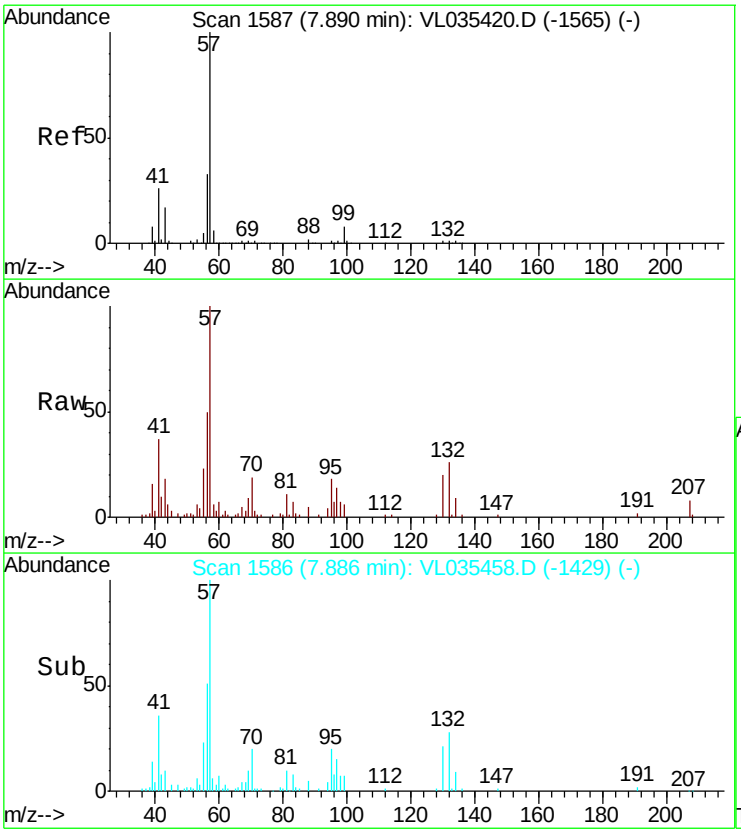
#43
Methyl Methacrylate
Concen: 0.053 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 7619

Ion	Ratio	Lower	Upper
69	100		
41	0.0	123.4	185.0#
100	0.0	24.2	36.4#

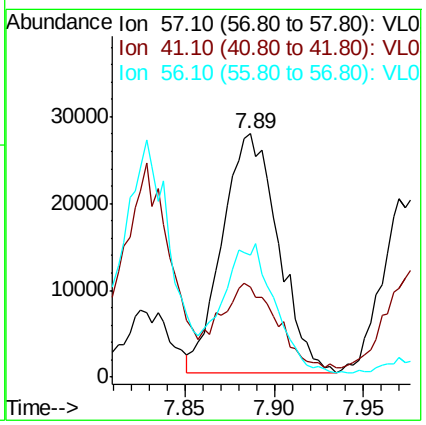


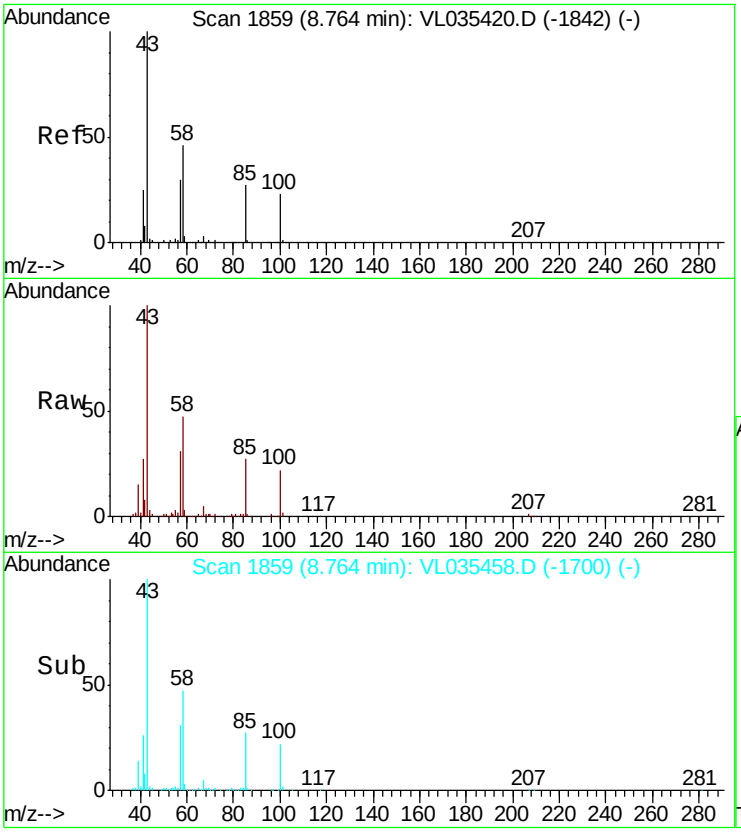


#44
2,2,4-Trimethylpentane
Concen: 0.125 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 57 Resp: 60109

Ion	Ratio	Lower	Upper
57	100		
41	39.2	27.2	40.8
56	52.5	25.4	38.0#



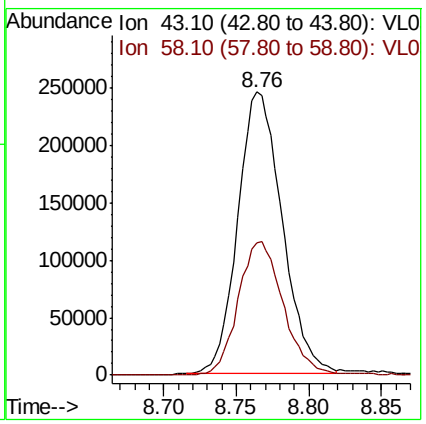


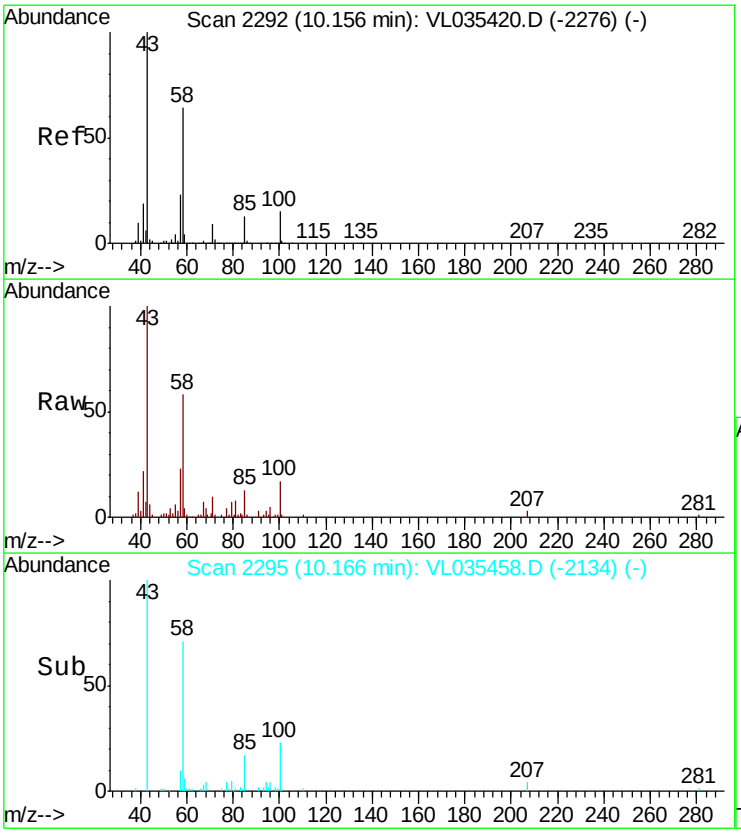
#50
4-Methyl-2-Pentanone
Concen: 2.168 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 522662

Ion	Ratio	Lower	Upper
43	100		
58	48.7	28.7	43.1#

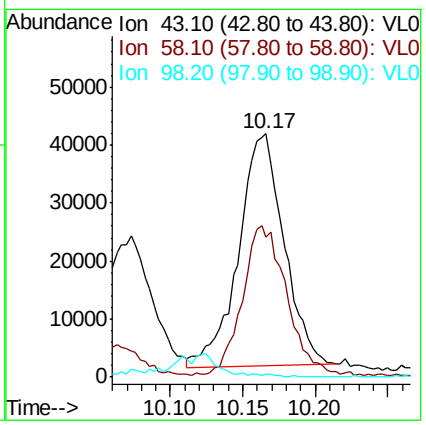


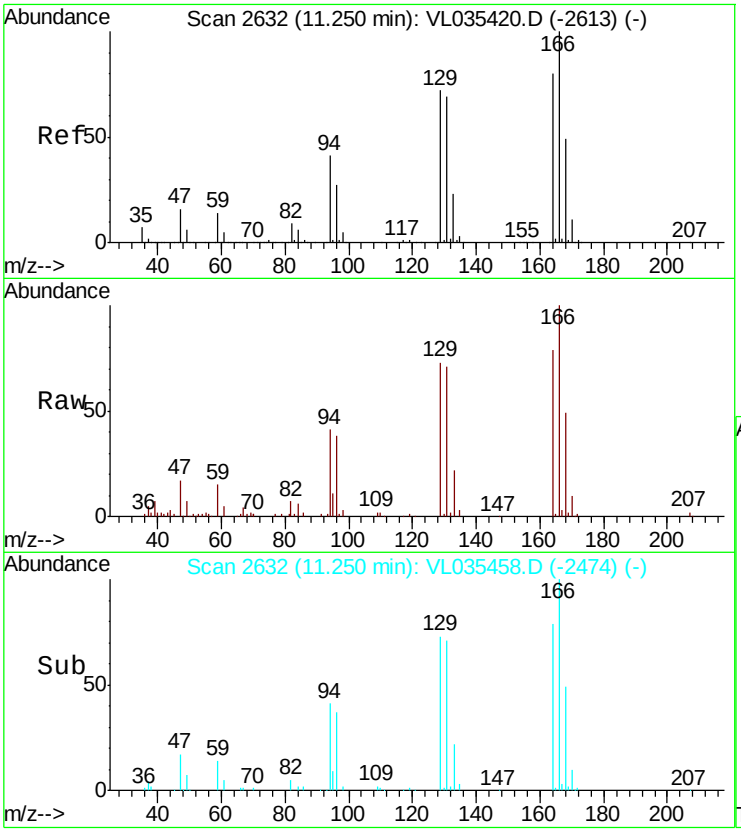


#51
2-Hexanone
Concen: 0.431 ppbv
RT: 10.17 min Scan# 2295
Delta R.T. 0.02 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 43 Resp: 87662

Ion	Ratio	Lower	Upper
43	100		
58	66.1	38.6	58.0#
98	11.9	0.2	0.2#



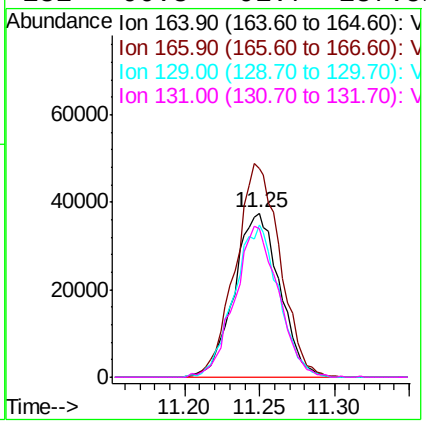


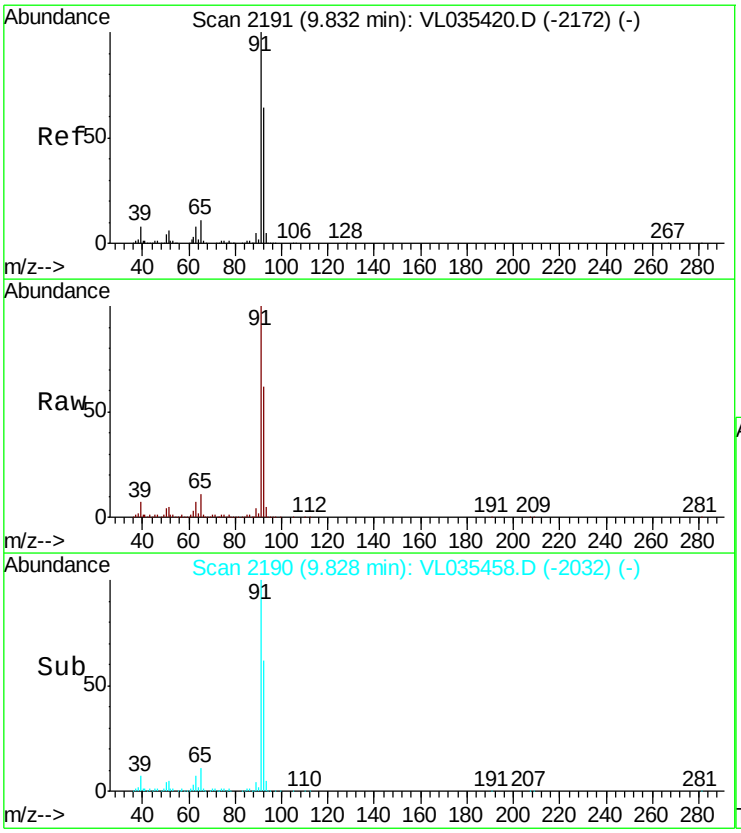
#52
Tetrachloroethene
Concen: 0.353 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 79431

Ion	Ratio	Lower	Upper
164	100		
166	126.5	103.4	155.0
129	92.8	90.2	135.4
131	90.3	91.7	137.5#

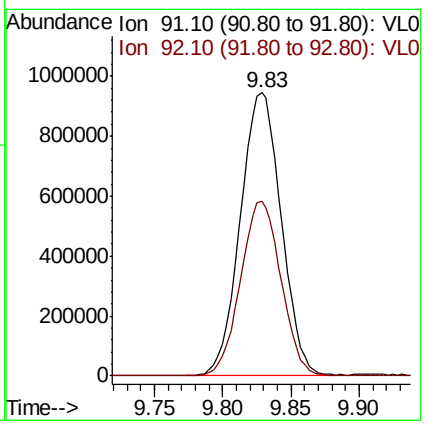


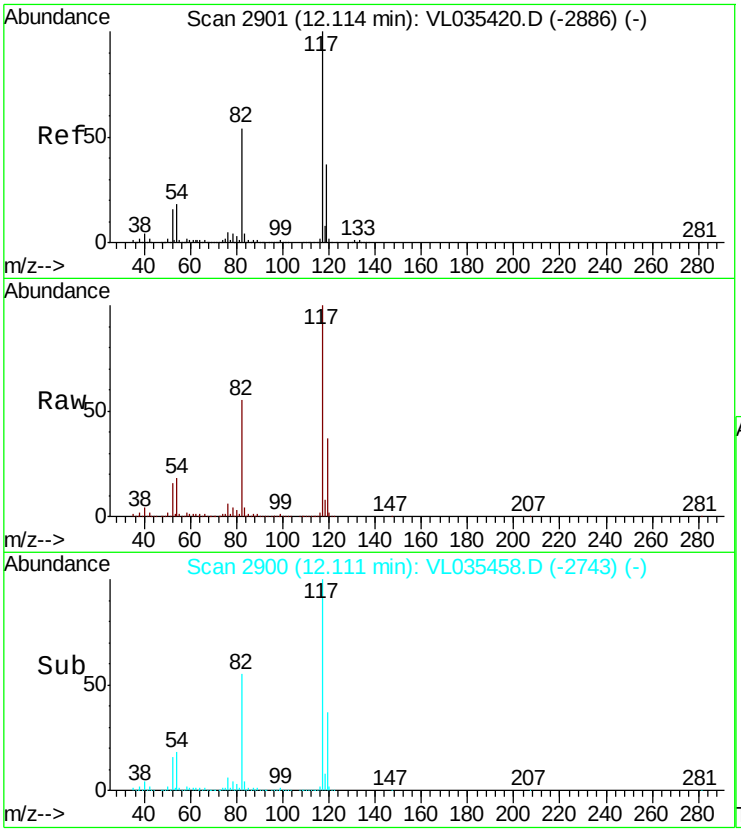


#53
Toluene
Concen: 4.138 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 91 Resp: 1968149

Ion	Ratio	Lower	Upper
91	100		
92	61.3	49.1	73.7



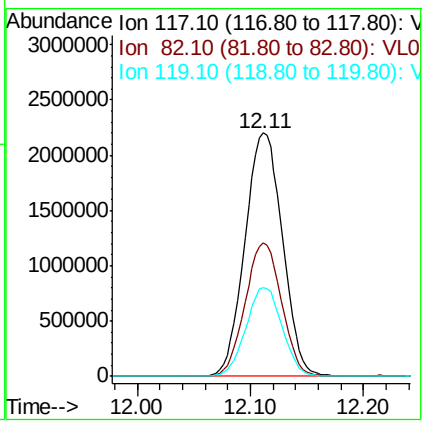


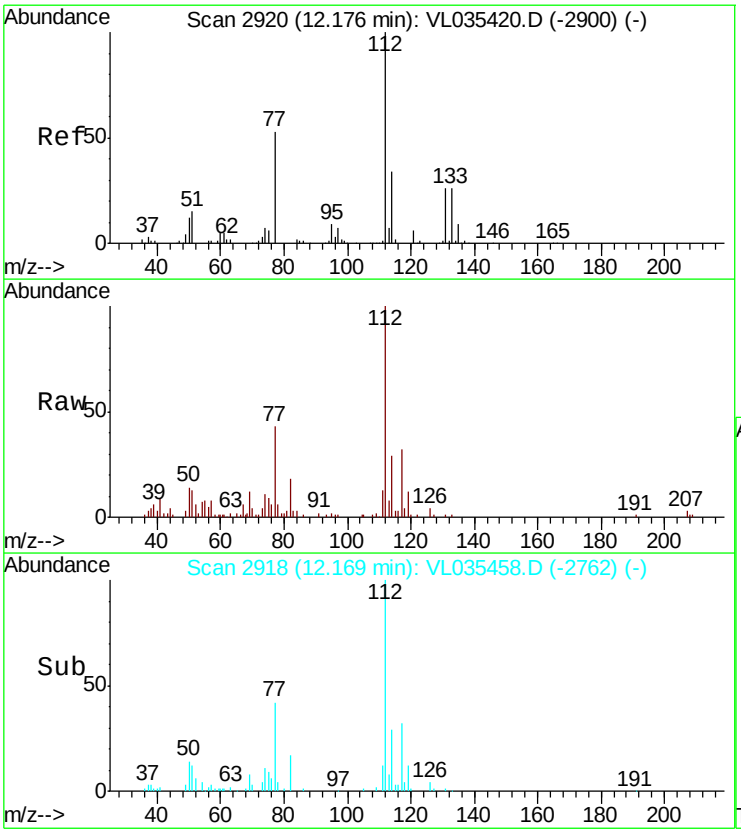
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 5079116

Ion	Ratio	Lower	Upper
117	100		
82	53.1	57.4	86.0#
119	35.3	28.4	42.6

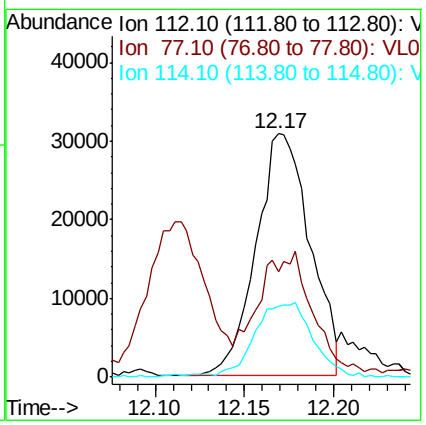


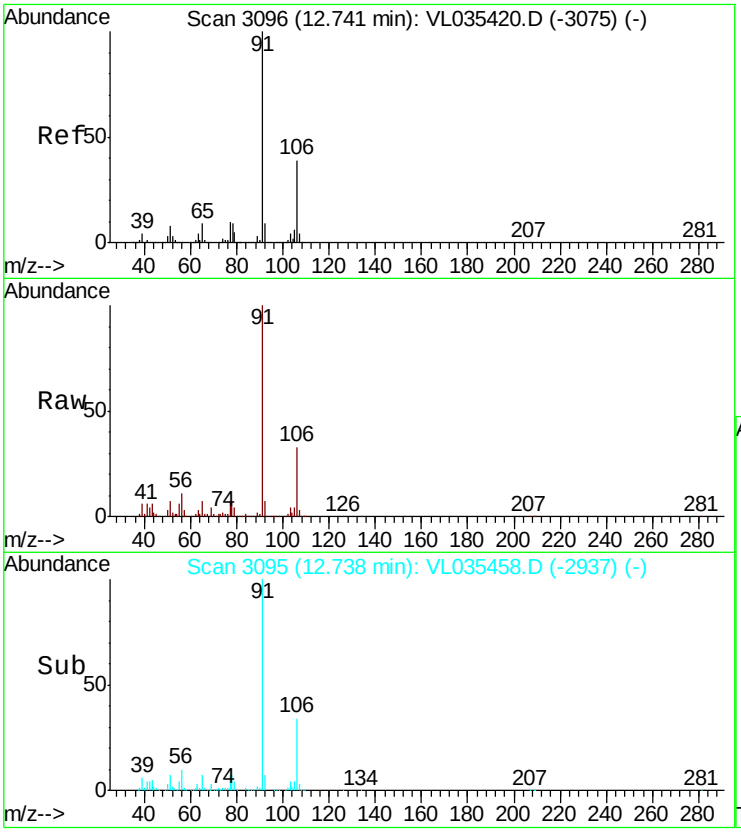


#57
Chlorobenzene
Concen: 0.154 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:112 Resp: 65089

Ion	Ratio	Lower	Upper
112	100		
77	36.1	60.6	91.0#
114	28.3	28.5	34.9#



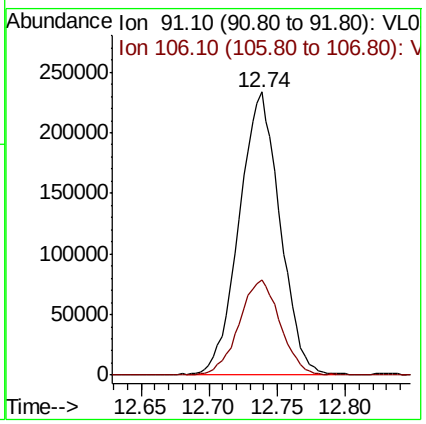


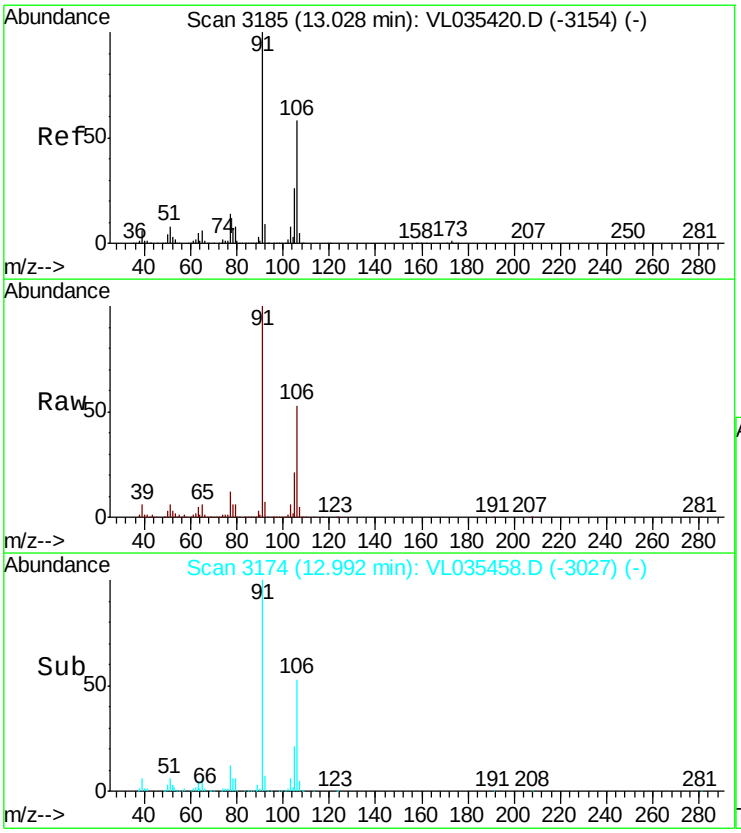
#58
Ethyl Benzene
Concen: 0.786 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 481661

Ion	Ratio	Lower	Upper
91	100		
106	33.5	24.1	36.1

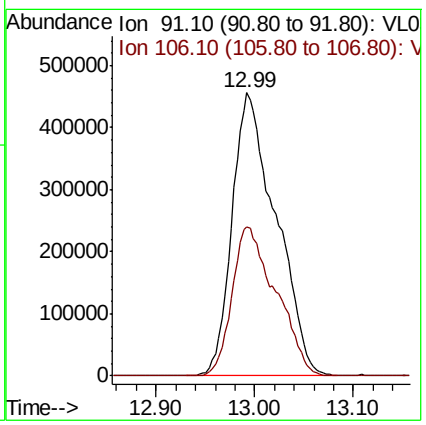


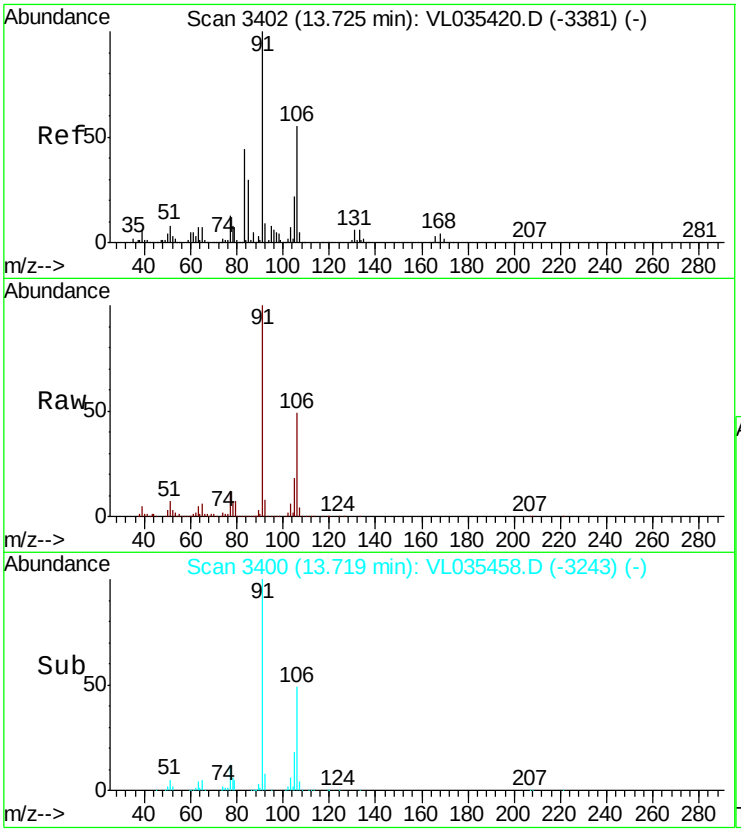


#59
m/p-Xylene
Concen: 2.697 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.03 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 91 Resp: 1397877

Ion	Ratio	Lower	Upper
91	100		
106	53.1	34.0	51.0#



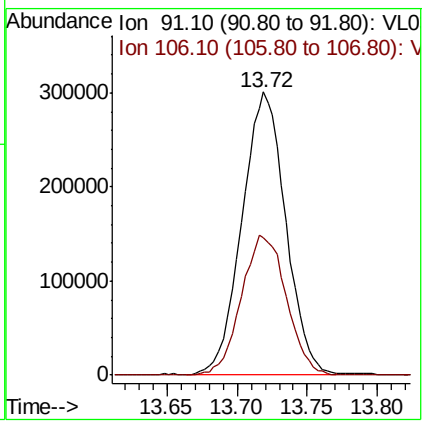


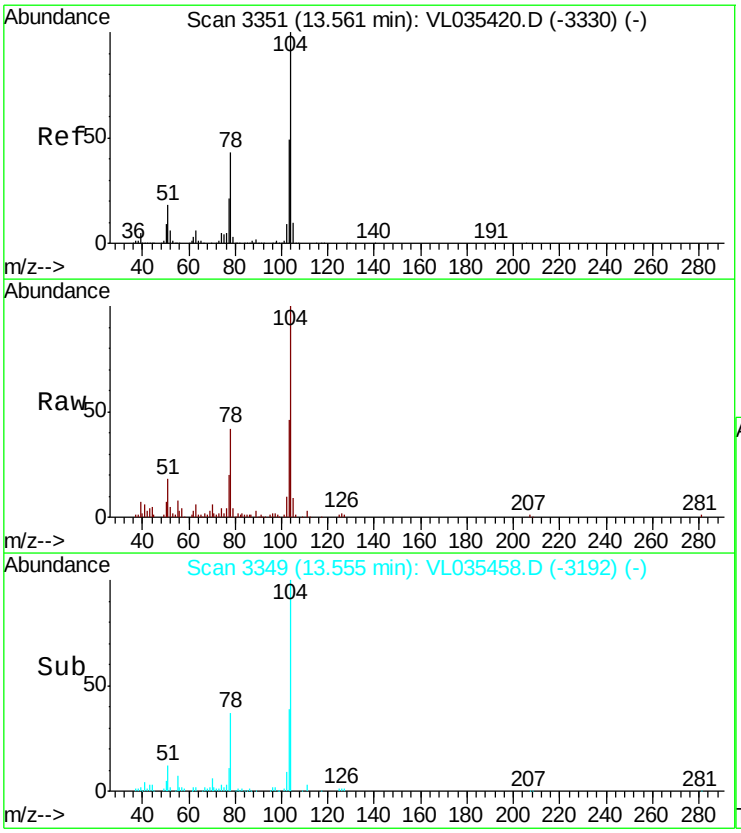
#60
o-Xylene
Concen: 1.283 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 646099

Ion	Ratio	Lower	Upper
91	100		
106	51.5	21.8	65.3

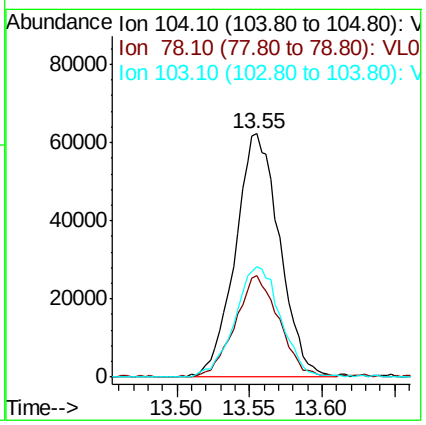


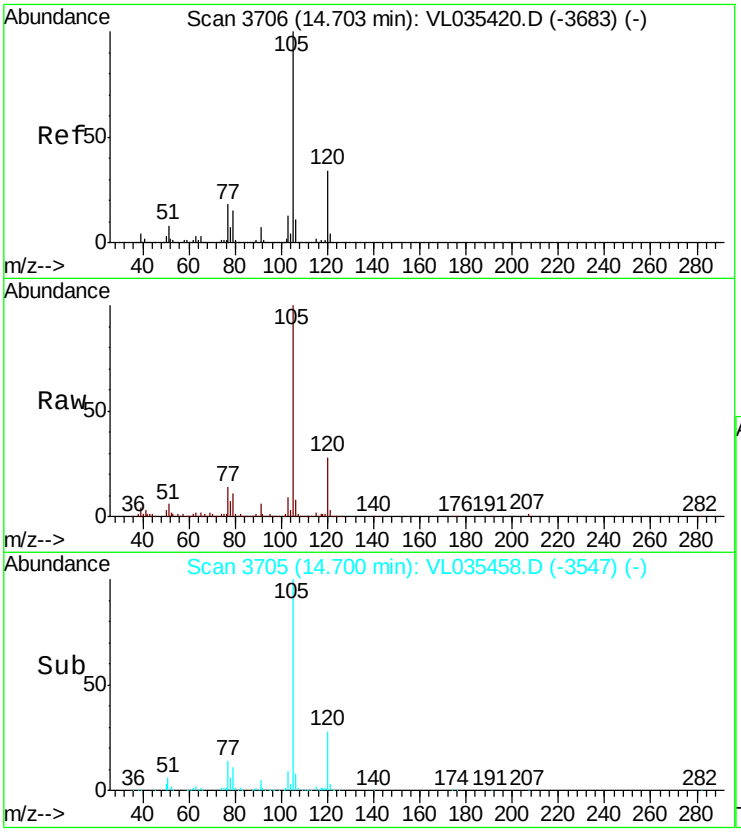


#61
Styrene
Concen: 0.325 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:104 Resp: 132257

Ion	Ratio	Lower	Upper
104	100		
78	42.3	45.4	68.2#
103	46.8	37.8	56.8



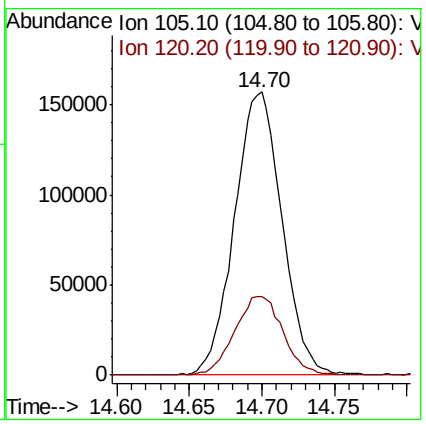


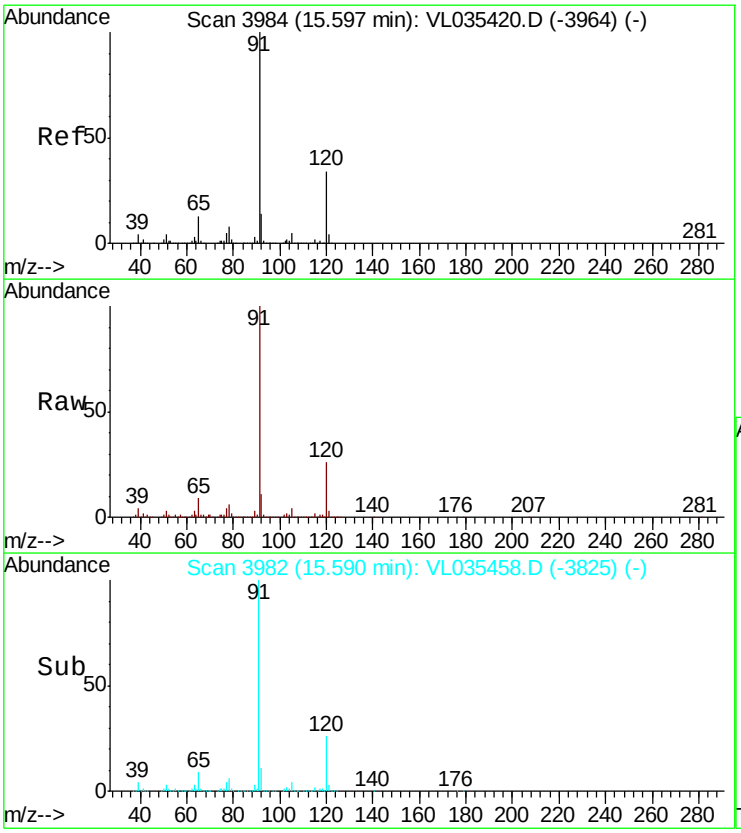
#62
Isopropylbenzene
Concen: 0.431 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 355632

Ion	Ratio	Lower	Upper
105	100		
120	28.5	20.3	30.5

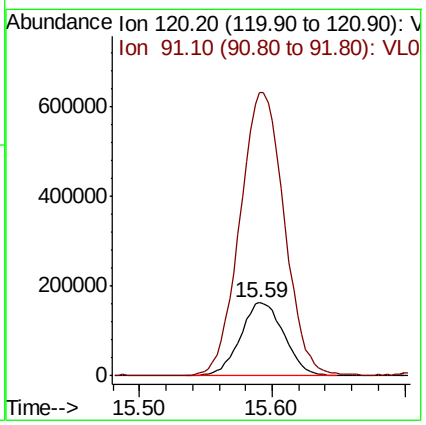


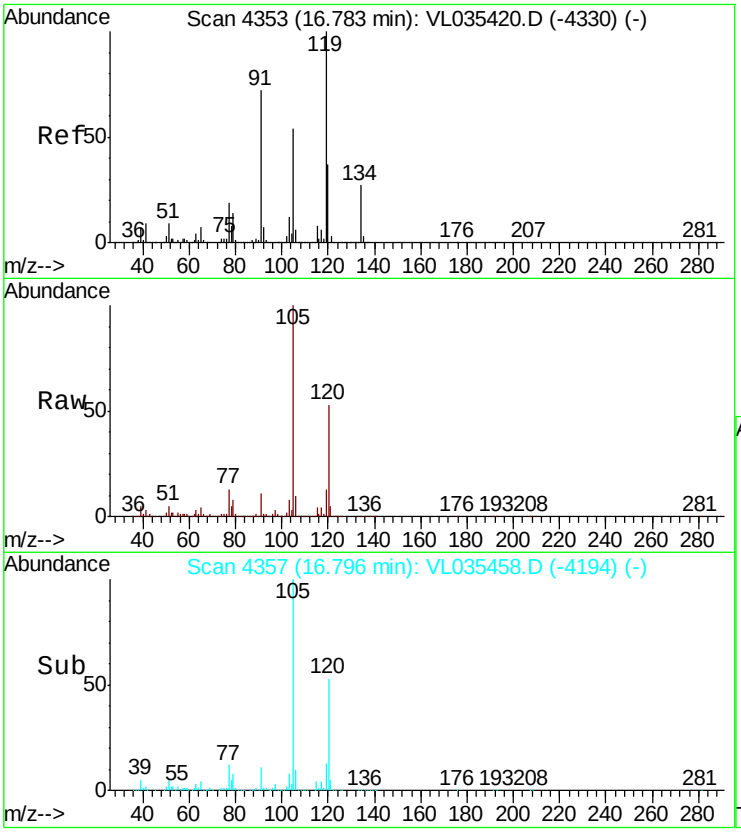


#64
n-propylbenzene
Concen: 1.466 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:120 Resp: 372937

Ion	Ratio	Lower	Upper
120	100		
91	393.2	385.5	578.3



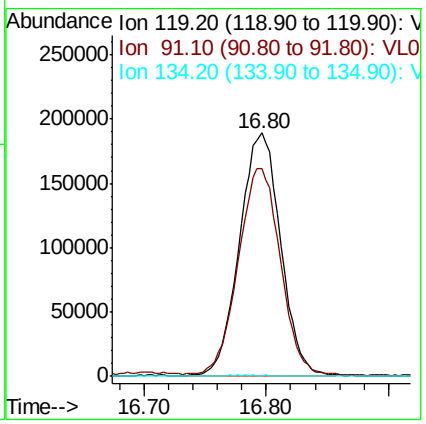


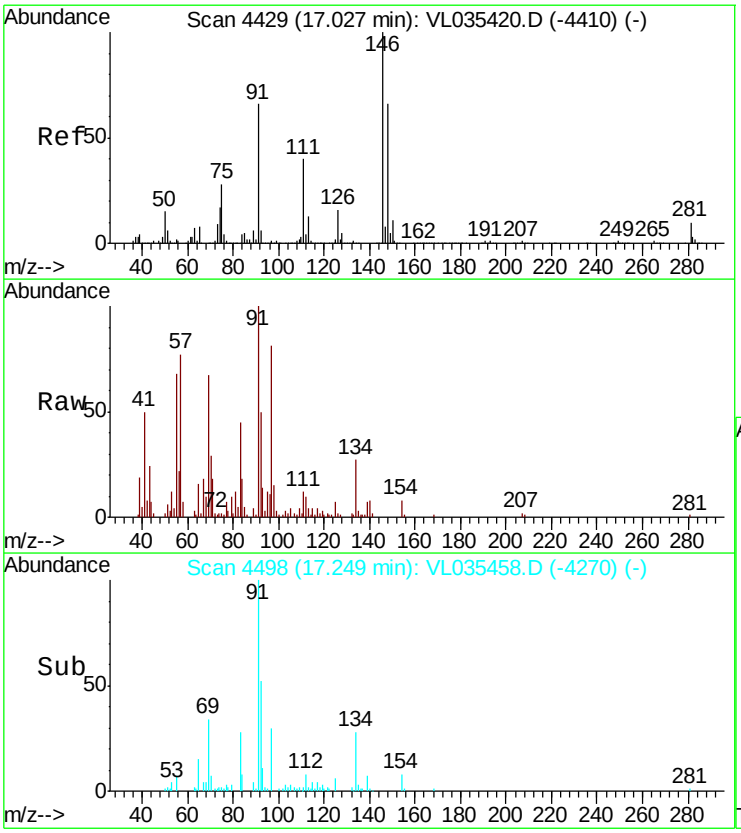
#65
tert-Butylbenzene
Concen: 0.545 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. 0.02 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 437542

Ion	Ratio	Lower	Upper
119	100		
91	87.8	72.0	108.0
134	0.3	15.7	23.5#

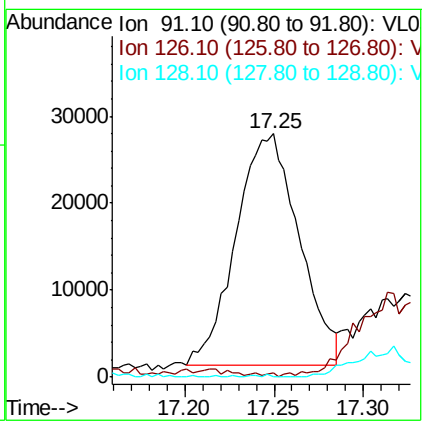


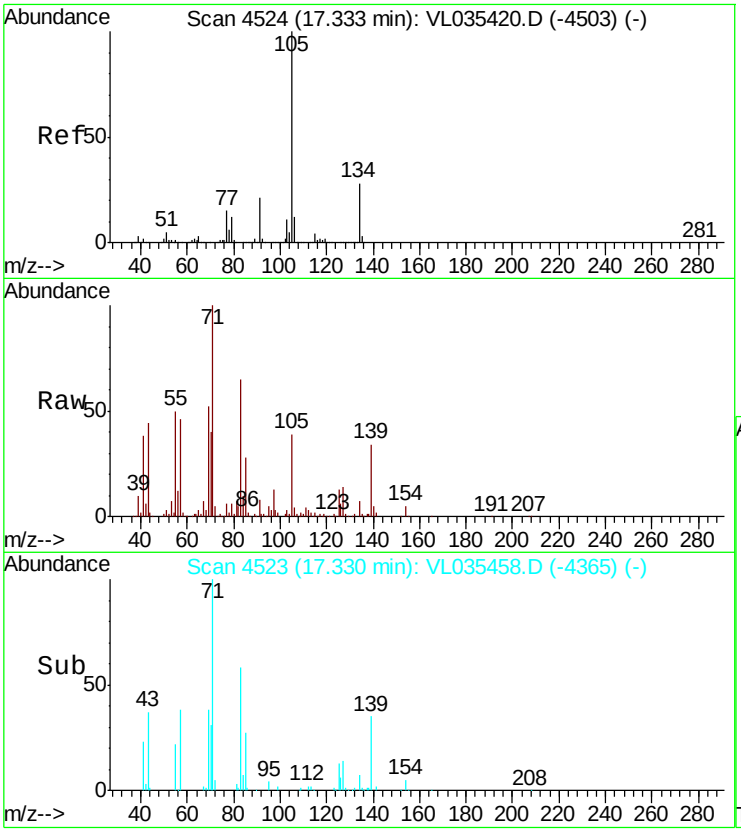


#66
Benzyl Chloride
Concen: 0.339 ppbv
RT: 17.25 min Scan# 4498
Delta R.T. 0.23 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 91 Resp: 65511

Ion	Ratio	Lower	Upper
91	100		
126	3.0	13.3	19.9#
128	0.0	4.1	6.1#



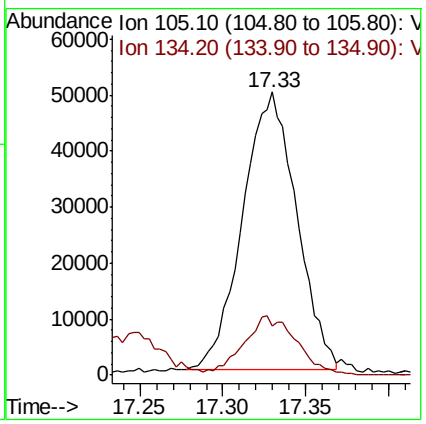


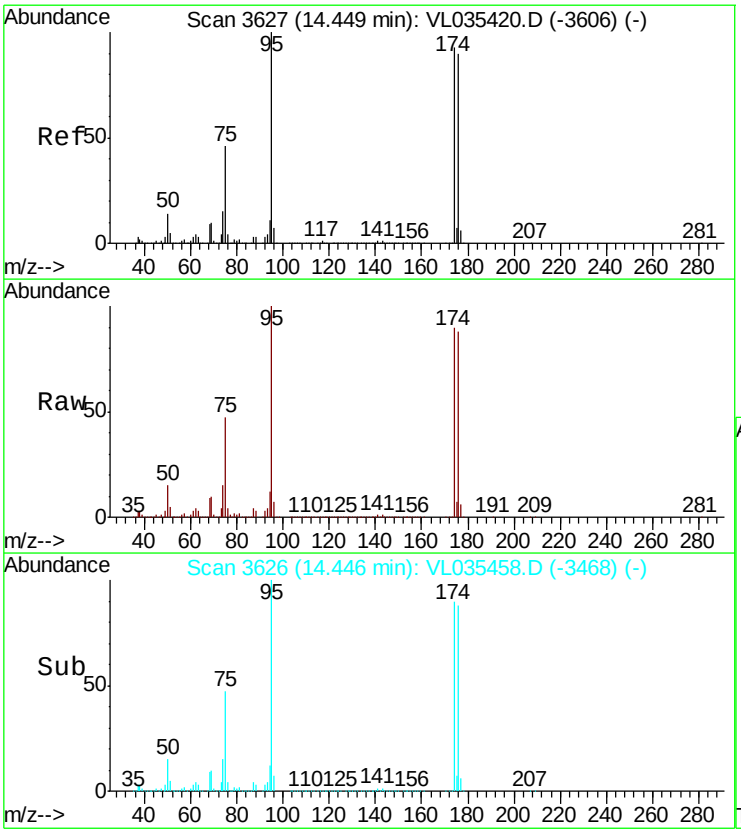
#67
sec-Butylbenzene
Concen: 0.106 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 112263

Ion	Ratio	Lower	Upper
105	100		
134	20.9	14.1	21.1

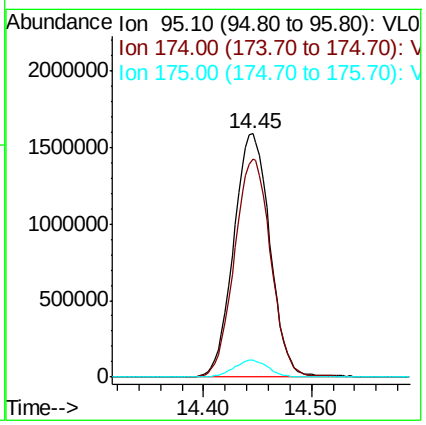


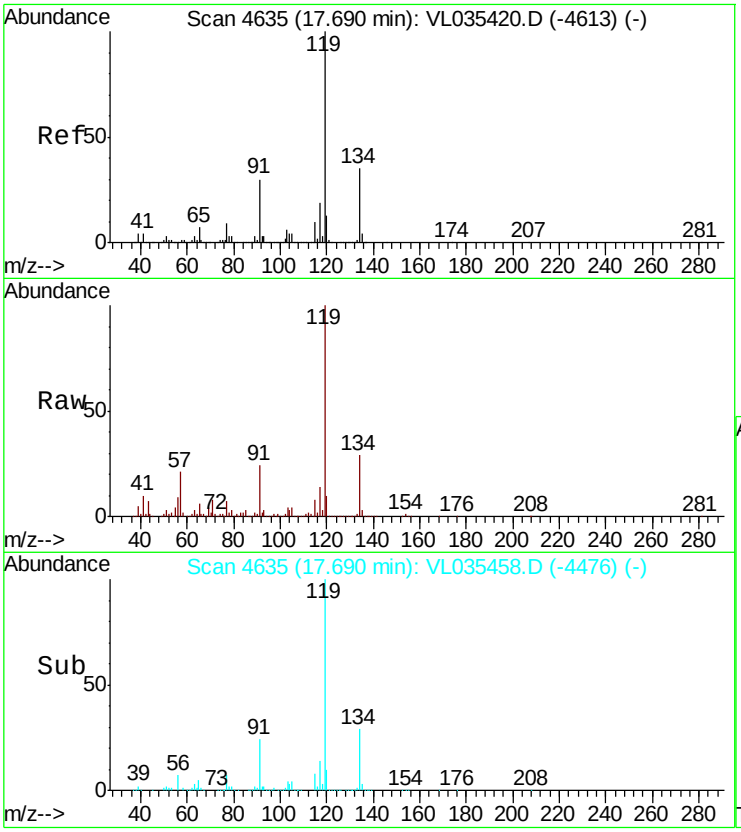


#68
1-Bromo-4-Fluorobenzene
Concen: 10.448 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 95 Resp: 3715245

Ion	Ratio	Lower	Upper
95	100		
174	90.3	44.0	66.0#
175	6.6	3.2	4.8#



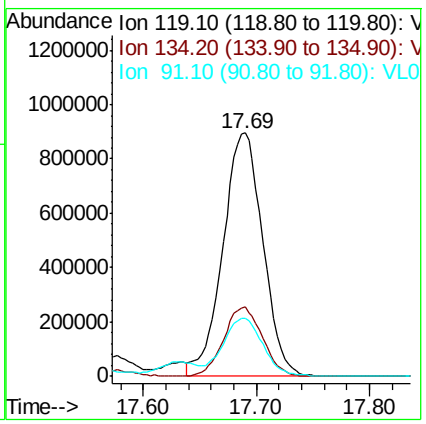


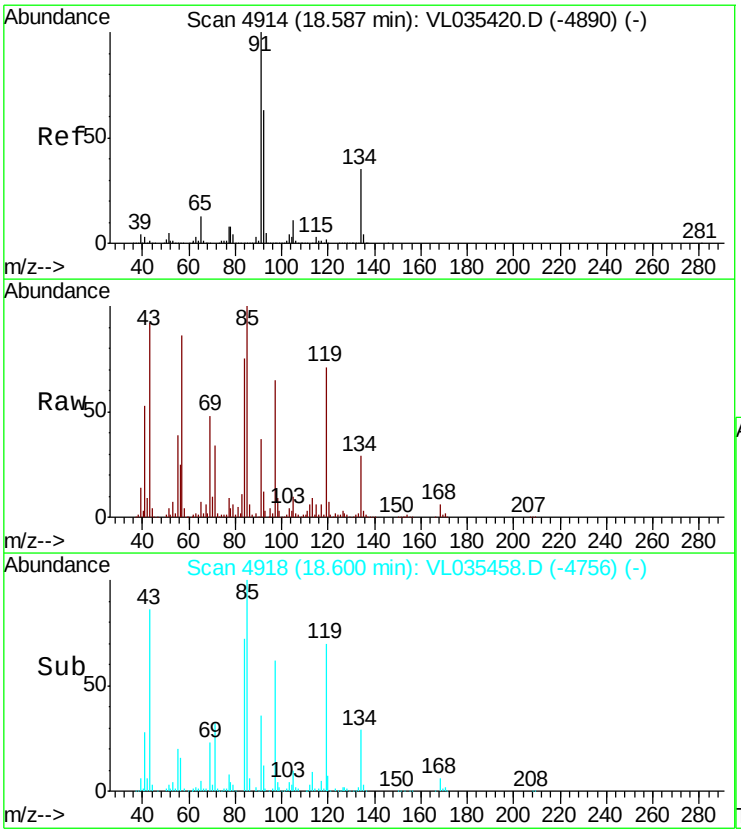
#69
p-Isopropyltoluene
Concen: 2.347 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 2198898

Ion	Ratio	Lower	Upper
119	100		
134	27.5	20.6	30.8
91	24.0	26.6	39.8#

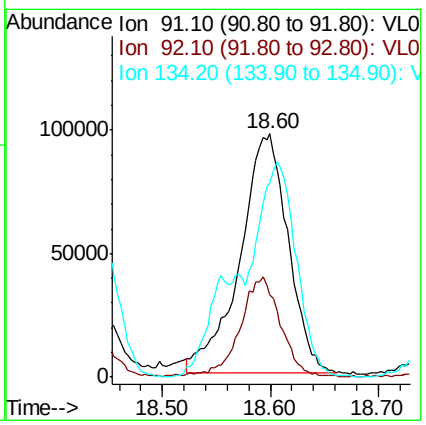


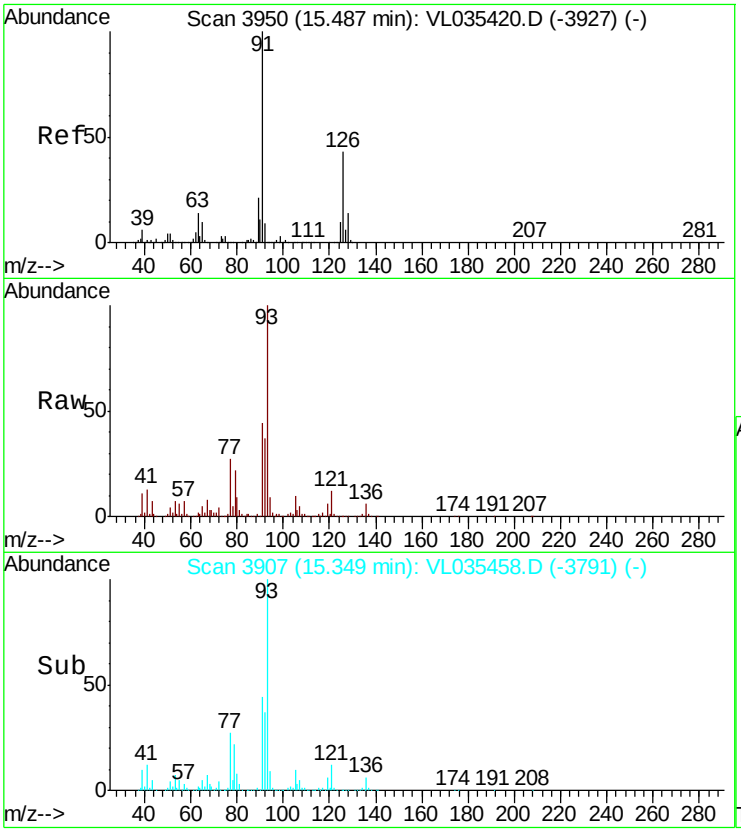


#70
n-Butylbenzene
Concen: 0.339 ppbv
RT: 18.60 min Scan# 4918
Delta R.T. 0.02 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion: 91 Resp: 299576

Ion	Ratio	Lower	Upper
91	100		
92	35.0	44.8	67.2#
134	104.6	17.3	25.9#



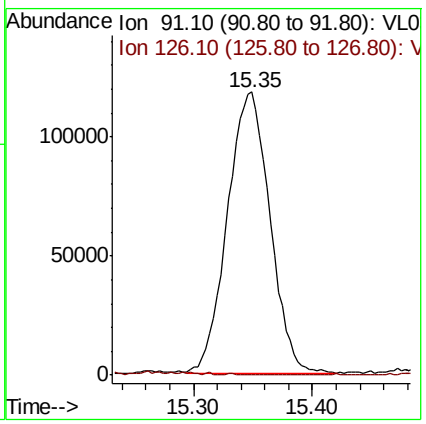


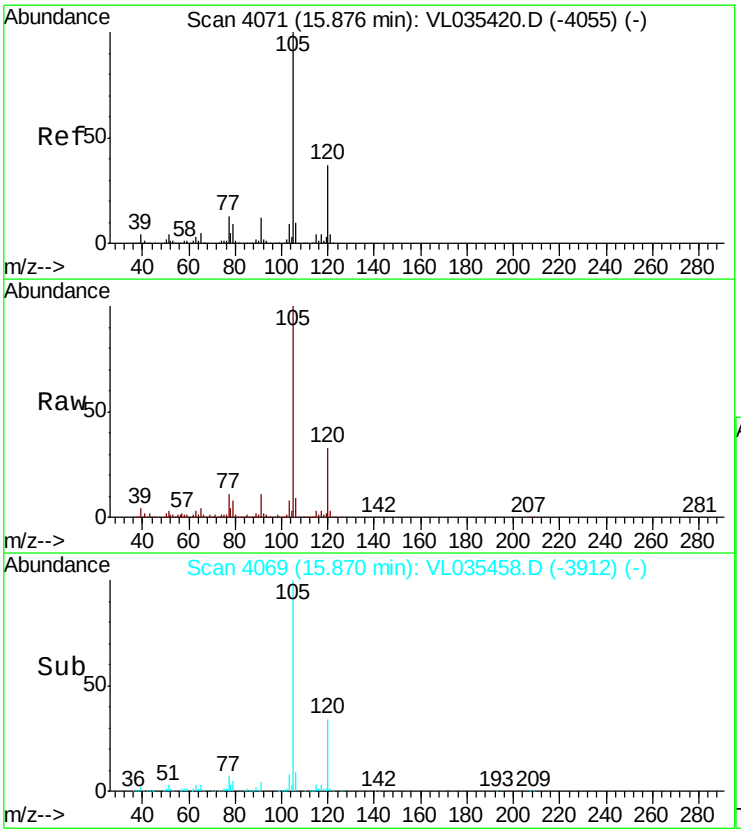
#71
2-Chlorotoluene
Concen: 0.485 ppbv
RT: 15.35 min Scan# 3907
Delta R.T. -0.13 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 290403

Ion	Ratio	Lower	Upper
91	100		
126	0.2	11.4	45.6#

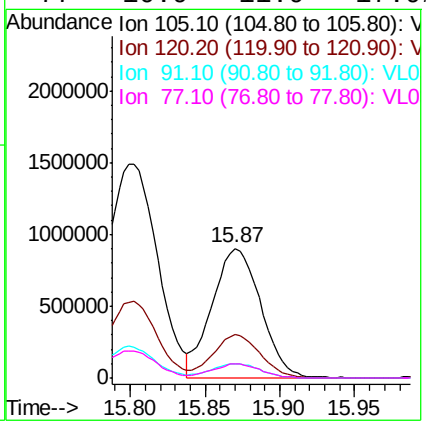


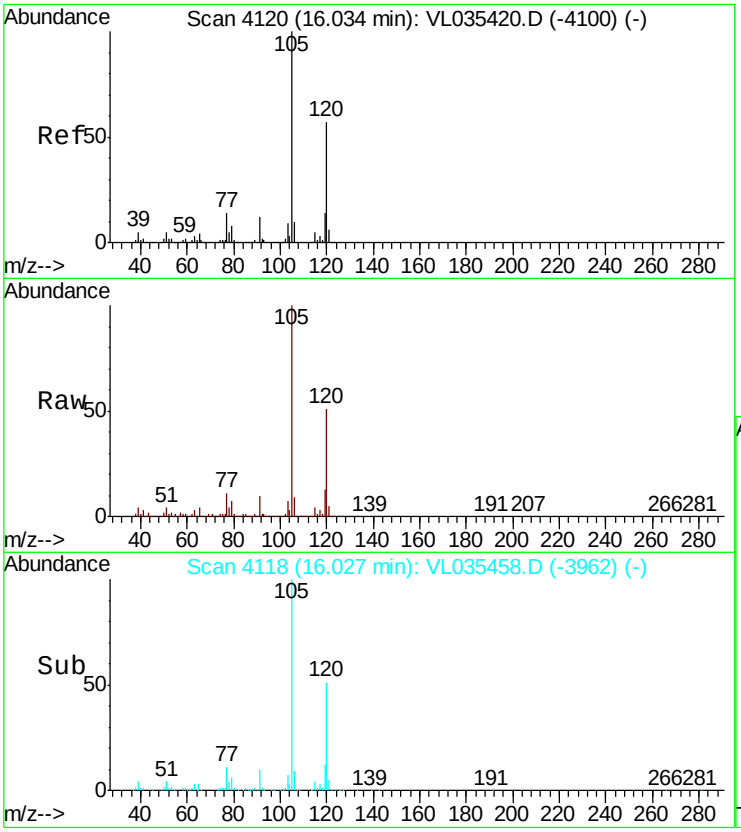


#72
4-Ethyltoluene
Concen: 3.085 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:105 Resp: 2039456

Ion	Ratio	Lower	Upper
105	100		
120	33.5	22.7	34.1
91	10.6	10.8	16.2#
77	10.9	11.9	17.9#



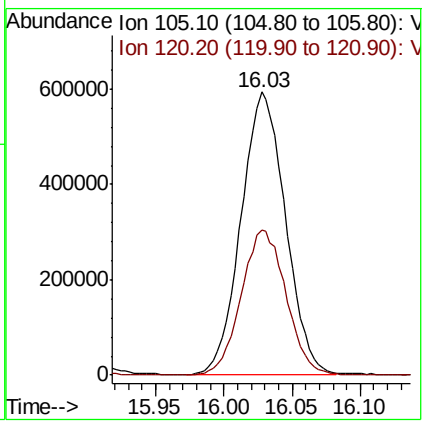


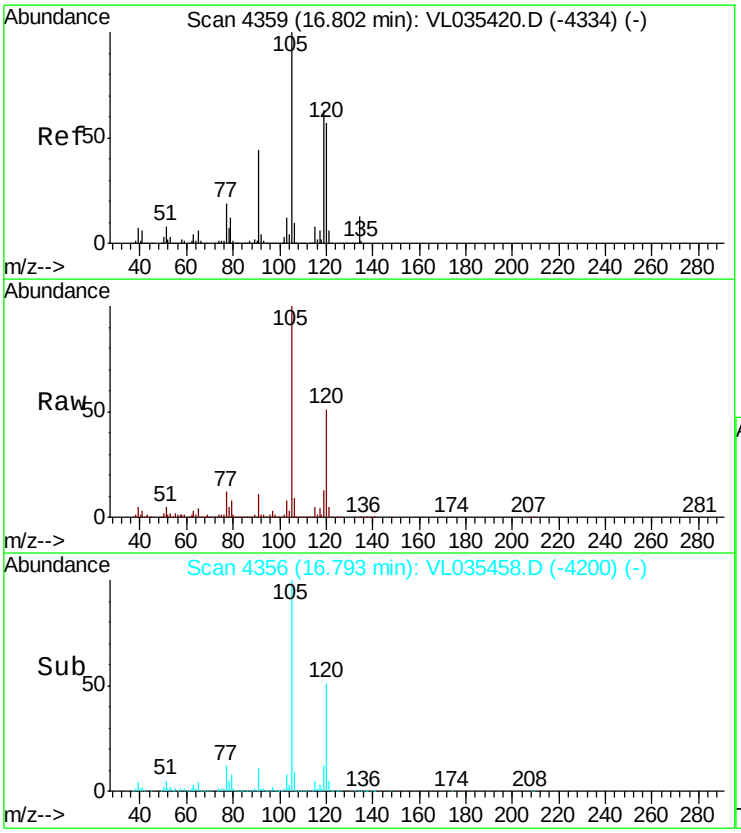
#73
1,3,5-Trimethylbenzene
Concen: 2.165 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 1331748

Ion	Ratio	Lower	Upper
105	100		
120	51.2	35.6	53.4

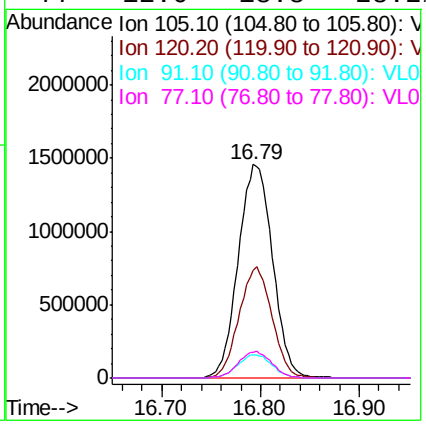


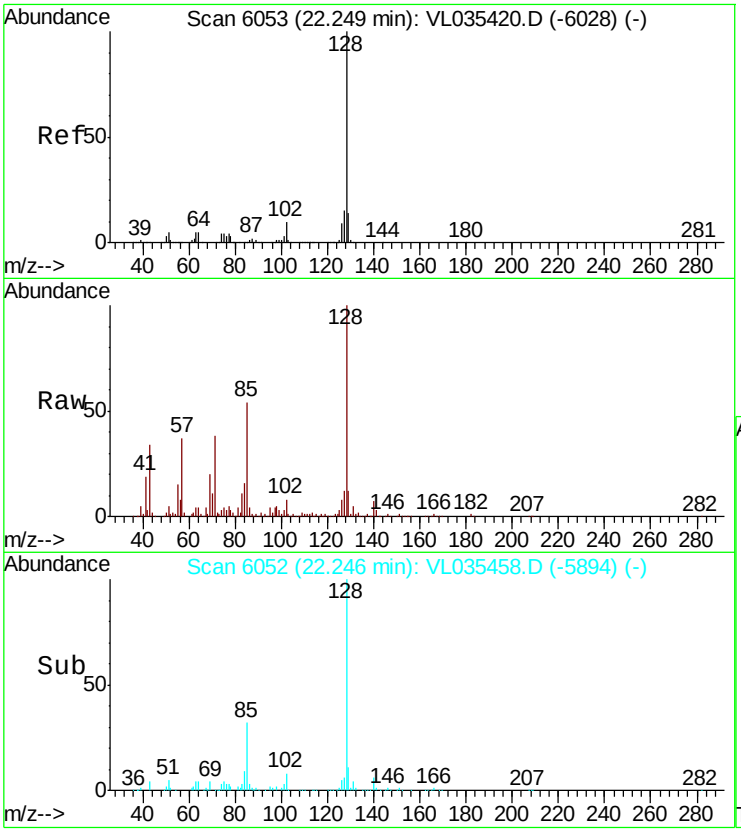


#74
1,2,4-Trimethylbenzene
Concen: 5.238 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:105 Resp: 3501067

Ion	Ratio	Lower	Upper
105	100		
120	50.6	37.8	56.8
91	11.0	40.0	60.0#
77	12.0	18.8	28.2#



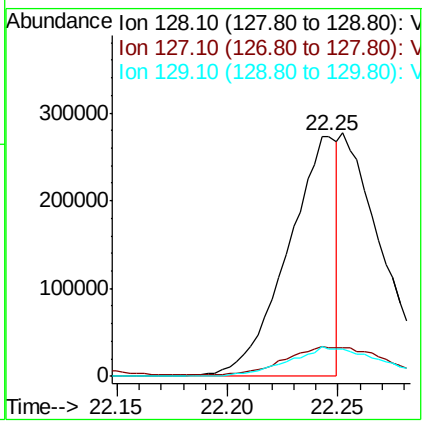


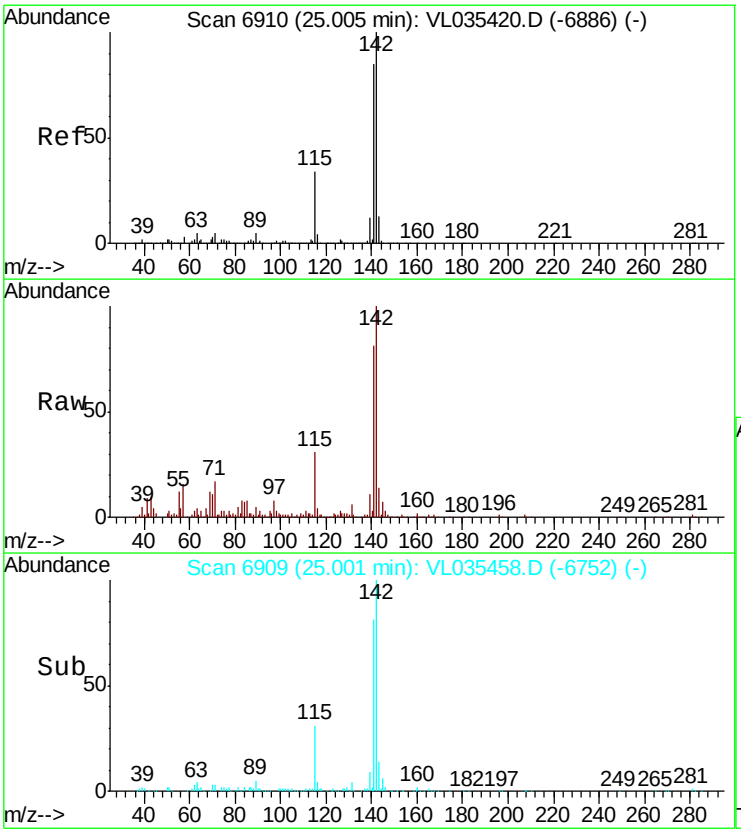
#79
Naphthalene
Concen: 0.449 ppbv
RT: 22.25 min Scan# 6052
Delta R.T. 0.01 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 422161

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





#80
Naphthalene,2-methyl-
Concen: 0.646 ppbv
RT: 25.00 min Scan# 6909
Delta R.T. 0.00 min
Lab File: VL035458.D
Acq: 19 Aug 2020 1:40

Tgt Ion:142 Resp: 251128

Ion	Ratio	Lower	Upper
142	100		
141	86.1	67.1	100.7
115	40.3	36.1	54.1