Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035799.D
Acq On : 3 Nov 2020 10:30
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Nov 03 11:05:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1230599	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	4801765	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	5615902	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3293410	7.83	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 78.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1923783	9.527	ppbv	100
3) Chlorodifluoromethane	2.98	51	1296686	9.794	ppbv	98
4) Chloromethane	3.14	50	646760	9.094	ppbv	99
5) Vinyl Chloride	3.25	62	796972	9.474	ppbv	100
6) Bromomethane	3.47	94	655852	9.223	ppbv	98
7) Chloroethane	3.56	64	291898	9.461	ppbv	100
8) Dichlorotetrafluoroethane	3.18	85	2265732	9.251	ppbv	100
9) Propene	3.01	41	491551	10.226	ppbv	100
10) Heptane	8.13	43	1356187	10.120	ppbv	99
11) Trichlorofluoromethane	3.95	101	2612989	9.070	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1961052	9.131	ppbv	100
13) Ethanol	3.61	45	88944	7.503	ppbv	94
14) Bromoethene	3.74	108	869199	9.608	ppbv	99
15) Acetone	3.85	43	1064750	8.041	ppbv	100
16) 1,3-Butadiene	3.32	39	501590	10.354	ppbv	100
17) tert-Butyl alcohol	4.29	59	1531840	10.620	ppbv	99
18) 1,1-Dichloroethene	4.29	96	893972	9.507	ppbv	99
19) Isopropyl Alcohol	3.97	45	702167	9.748	ppbv	99
20) Methylene Chloride	4.34	84	732228	7.528	ppbv	97
21) Allyl Chloride	4.41	41	665273	10.365	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	926430	9.325	ppbv	98
23) Vinyl Acetate	5.07	43	1612049	9.939	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1555955	8.808	ppbv	99
25) Ethyl Acetate	5.68	43	2309036	9.691	ppbv	99
26) Hexane	5.69	57	1237504	9.478	ppbv	96
27) Carbon Disulfide	4.55	76	2004821	10.302	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	2180763	10.537	ppbv	100
29) Chloroform	5.75	83	2466957	9.304	ppbv	99
30) Cyclohexane	7.13	84	1332225	10.342	ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	1320644	10.478	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2446765	10.468	ppbv	99
34) 2-Butanone	5.24	43	1475947	9.293	ppbv	99
35) Carbon Tetrachloride	7.02	117	2448215	9.779	ppbv	97
36) Benzene	6.90	78	3167224	10.123	ppbv	100
37) 1,2-Dichloroethane	6.31	62	1550570	9.508	ppbv	100
38) Trichloroethene	7.84	130	1480128	9.483	ppbv	99
39) 1,2-Dichloropropane	7.62	63	1082361	9.544	ppbv	99
40) 1,4-Dioxane	7.83	88	510492	9.843	ppbv	98
41) Tetrahydrofuran	6.05	42	875140	10.937	ppbv	99
42) Bromodichloromethane	7.80	83	2626114	9.997	ppbv	99
43) Methyl Methacrylate	8.02	69	1294829	10.405	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035799.D
Acq On : 3 Nov 2020 10:30
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Nov 03 11:05:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4213897	9.386	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	1436215	11.432	ppbv		99
46) cis-1,3-Dichloropropene	8.71	75	1748291	11.289	ppbv		97
47) 1,1,2-Trichloroethane	9.48	97	1466641	9.029	ppbv		99
48) Dibromochloromethane	10.31	129	2427153	9.818	ppbv		100
49) Bromoform	13.05	173	2078262	9.907	ppbv		100
50) 4-Methyl-2-Pentanone	8.74	43	2280087	9.829	ppbv		99
51) 2-Hexanone	10.14	43	1862506	9.965	ppbv	#	99
52) Tetrachloroethene	11.23	164	1390863	9.244	ppbv		99
53) Toluene	9.81	91	3813582	10.336	ppbv		100
54) 1,2-Dibromoethane	10.62	107	2245515	9.232	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1865585	7.923	ppbv		96
57) Chlorobenzene	12.16	112	3070327	7.238	ppbv		98
58) Ethyl Benzene	12.72	91	4866284	8.633	ppbv		98
59) m/p-Xylene	13.01	91	4363294	8.864	ppbv	#	41
60) o-Xylene	13.70	91	3976827	7.987	ppbv		99
61) Styrene	13.54	104	3079375	8.944	ppbv		100
62) Isopropylbenzene	14.68	105	5994220	7.761	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.69	83	2814774	6.894	ppbv		100
64) n-propylbenzene	15.58	120	1779083	7.870	ppbv		94
65) tert-Butylbenzene	16.76	119	5332554	7.594	ppbv		99
66) Benzyl Chloride	17.00	91	1921017	9.029	ppbv		98
67) sec-Butylbenzene	17.31	105	7128857	7.352	ppbv		99
69) p-Isopropyltoluene	17.67	119	5910560	7.492	ppbv		98
70) n-Butylbenzene	18.56	91	5794132	7.132	ppbv		98
71) 2-Chlorotoluene	15.46	91	4483095	7.958	ppbv		100
72) 4-Ethyltoluene	15.85	105	4734524	8.026	ppbv		99
73) 1,3,5-Trimethylbenzene	16.01	105	4351362	7.806	ppbv		97
74) 1,2,4-Trimethylbenzene	16.78	105	4493445	7.151	ppbv		97
75) 1,3-Dichlorobenzene	17.01	146	2871840	6.694	ppbv		99
76) 1,4-Dichlorobenzene	17.15	146	2833248	6.909	ppbv		99
77) 1,2-Dichlorobenzene	17.83	146	2757096	6.804	ppbv		99
78) Hexachloro-1,3-Butadiene	23.39	225	1289044	5.766	ppbv		99
79) Naphthalene	22.22	128	3192439	5.327	ppbv		99
80) Naphthalene,2-methyl-	24.99	142	632868	4.477	ppbv		99
81) 1,2,4-Trichlorobenzene	21.95	180	1749222	5.632	ppbv		99

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

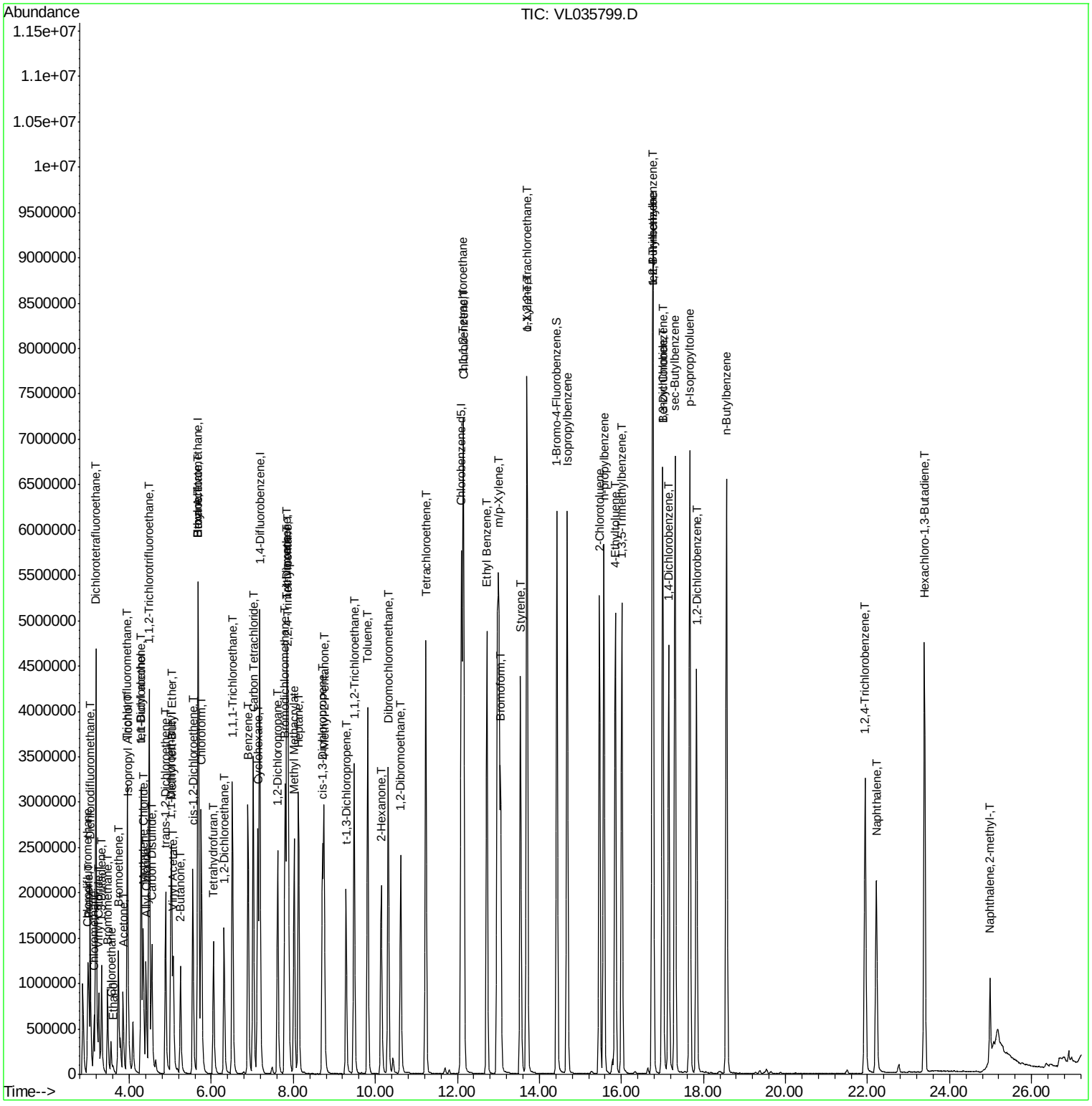
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

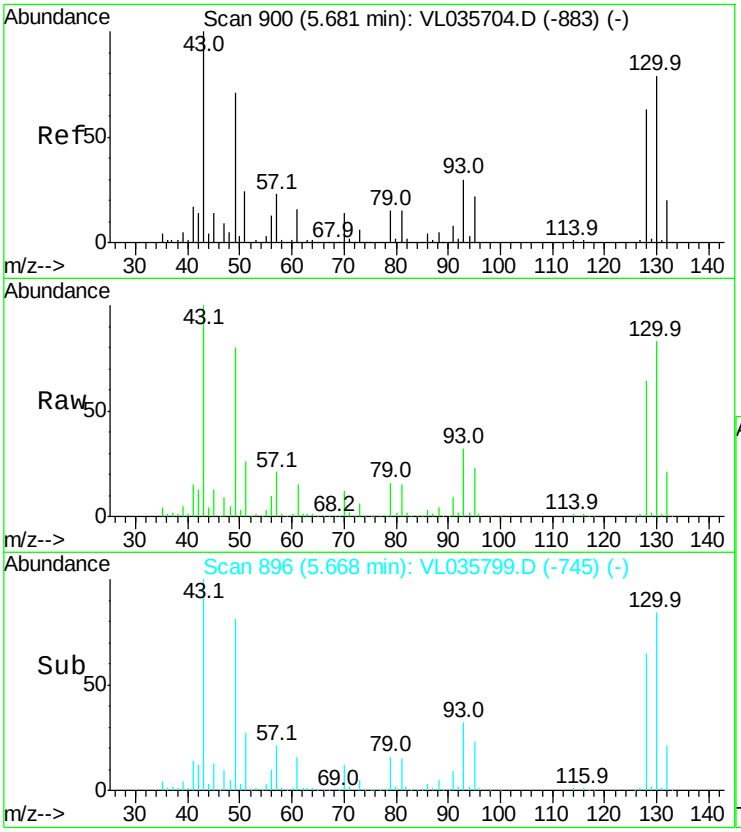
Quantitation Report (Not Reviewed)

Data File : VL035799.D
Acq On : 3 Nov 2020 10:30
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Nov 03 11:05:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration



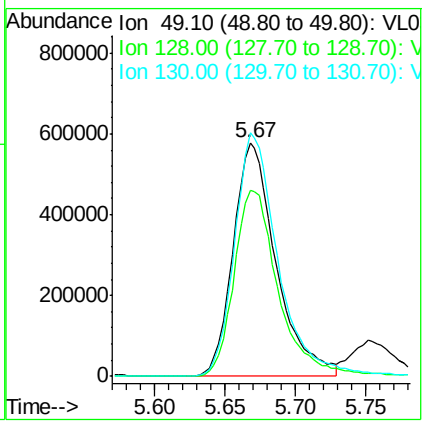


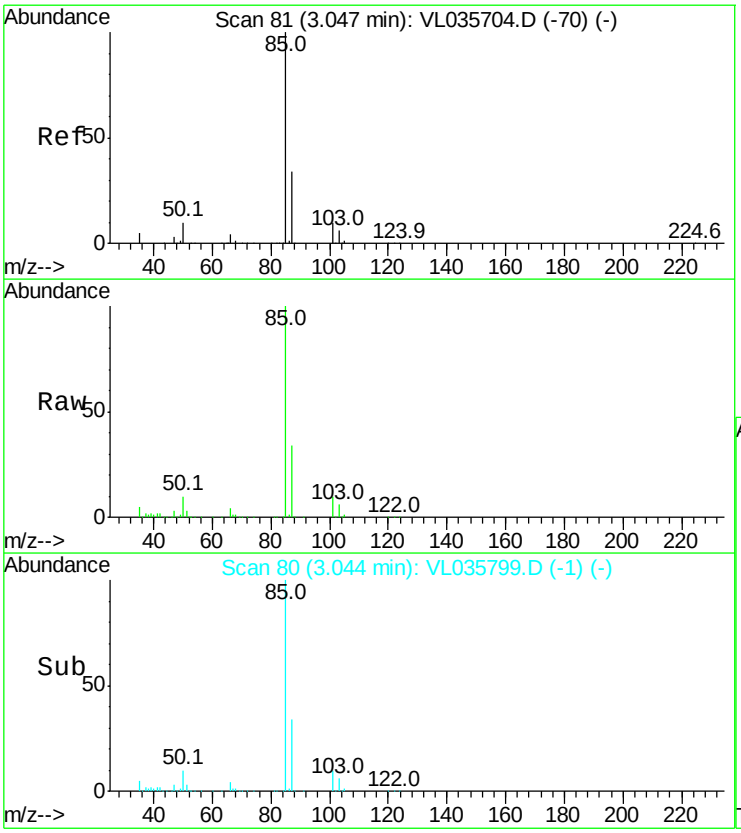
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1230599

Ion	Ratio	Lower	Upper
49	100		
128	83.1	43.1	129.4
130	107.4	54.9	164.7

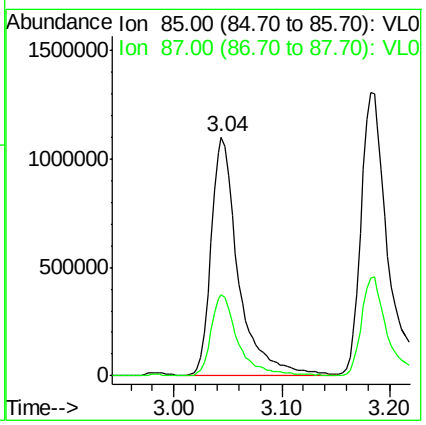


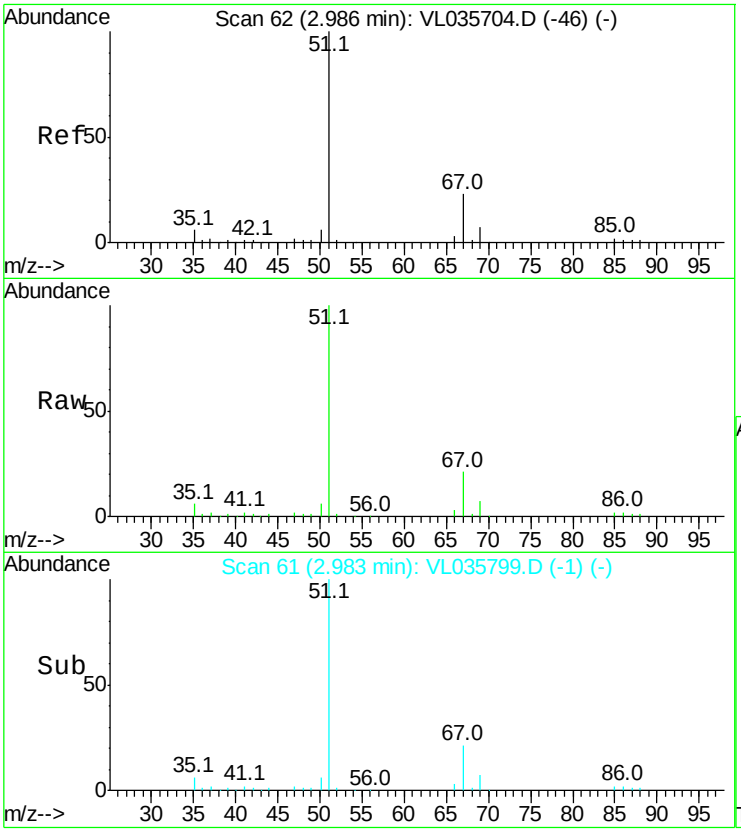


#2
Dichlorodifluoromethane
Concen: 9.527 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 85 Resp: 1923783

Ion	Ratio	Lower	Upper
85	100		
87	33.9	27.3	40.9



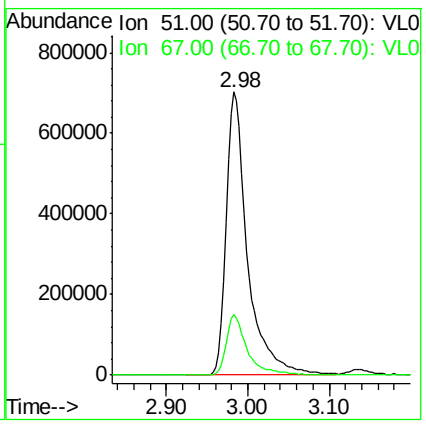


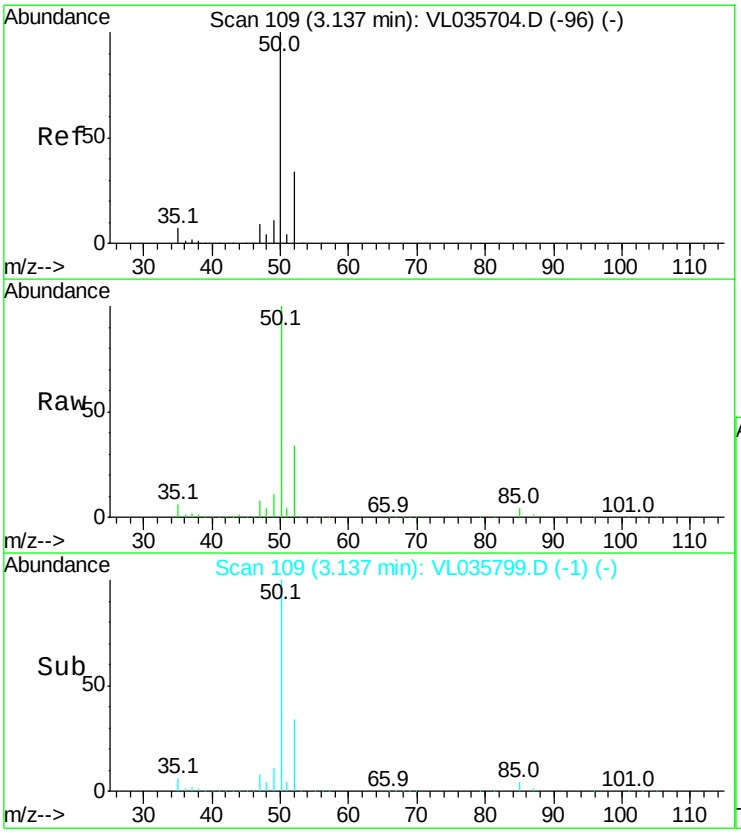
#3
Chlorodifluoromethane
Concen: 9.794 ppbv
RT: 2.98 min Scan# 61
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1296686

Ion	Ratio	Lower	Upper
51	100		
67	21.2	17.8	26.8

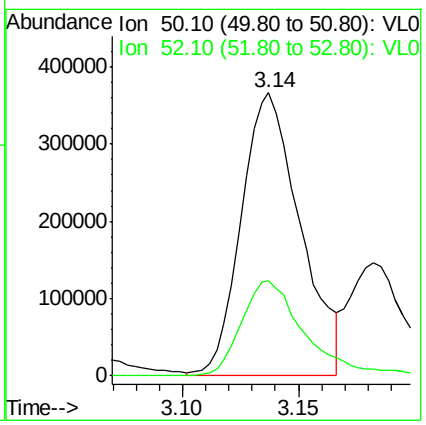


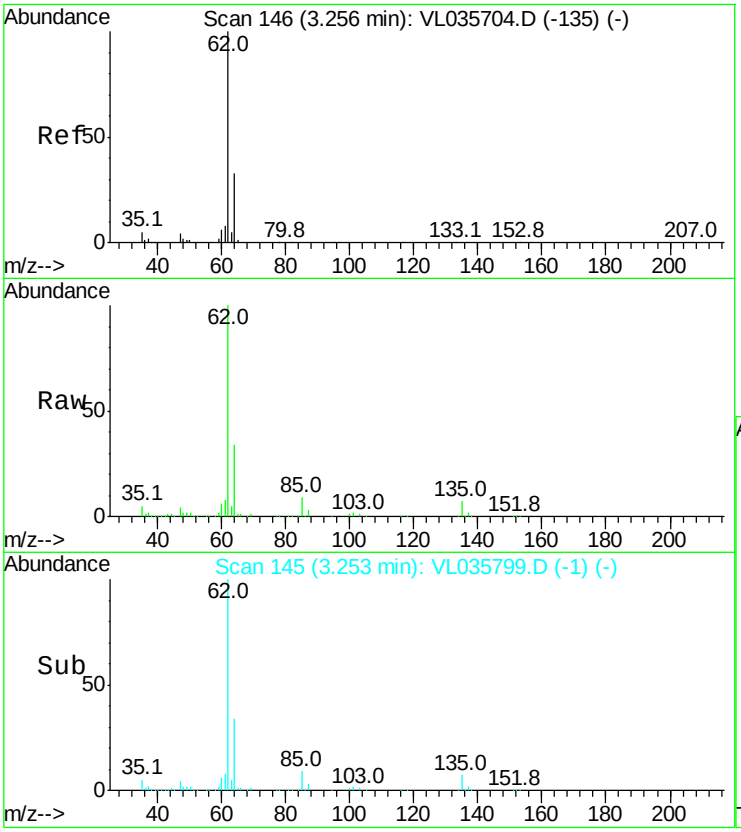


#4
Chloromethane
Concen: 9.094 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 50 Resp: 646760

Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.8	40.2



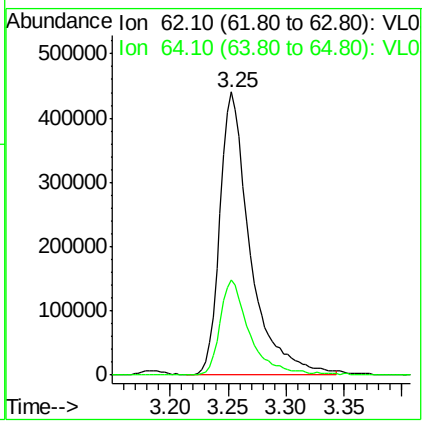


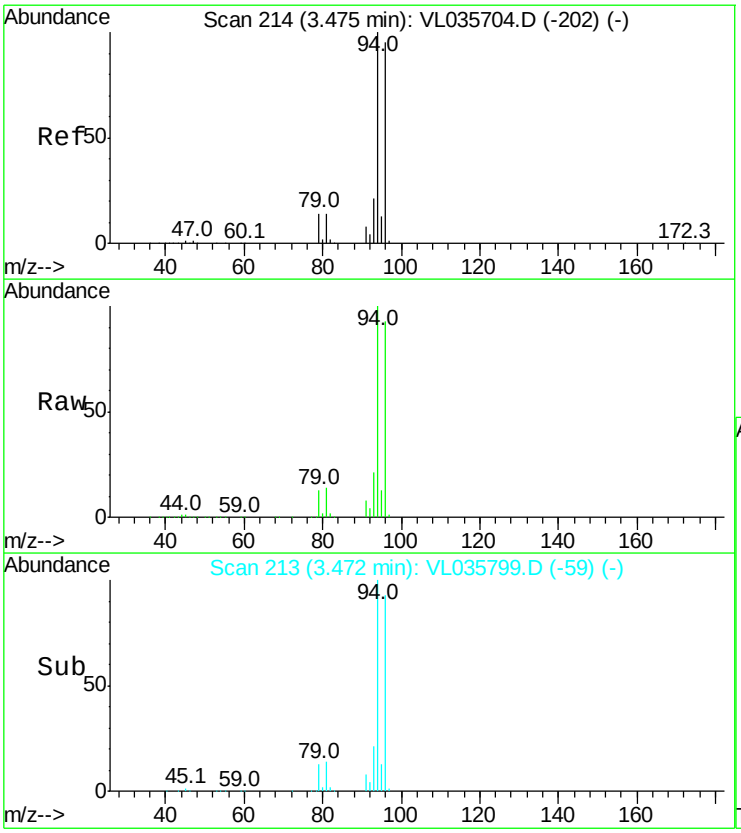
#5
Vinyl Chloride
Concen: 9.474 ppbv
RT: 3.25 min Scan# 145
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 796972

Ion	Ratio	Lower	Upper
62	100		
64	33.6	26.8	40.2

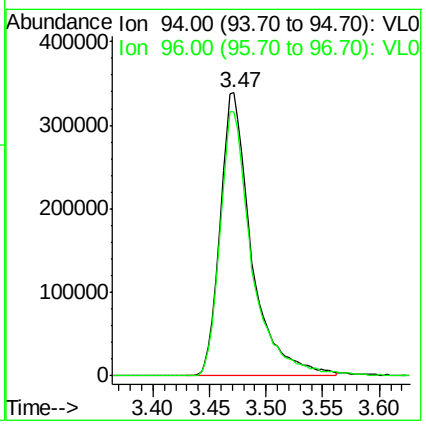


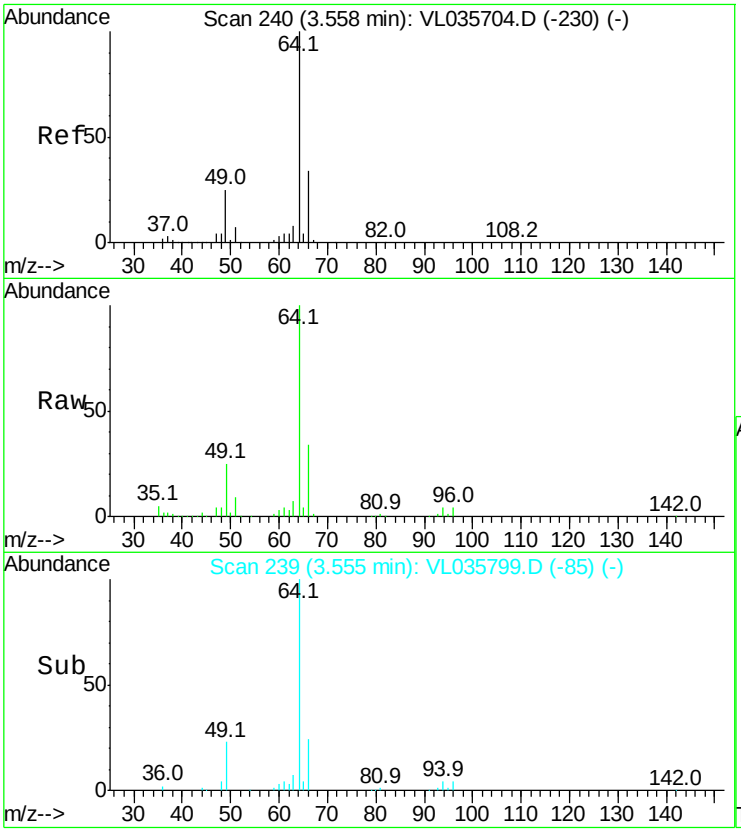


#6
Bromomethane
Concen: 9.223 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 94 Resp: 655852

Ion	Ratio	Lower	Upper
94	100		
96	93.2	76.3	114.5



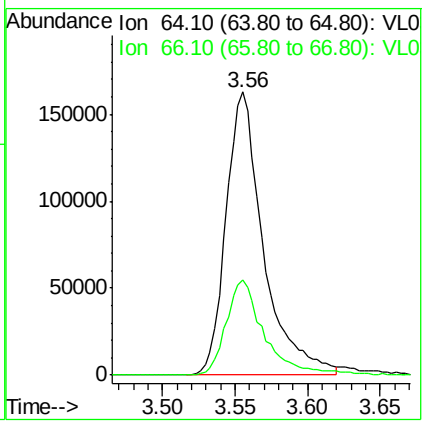


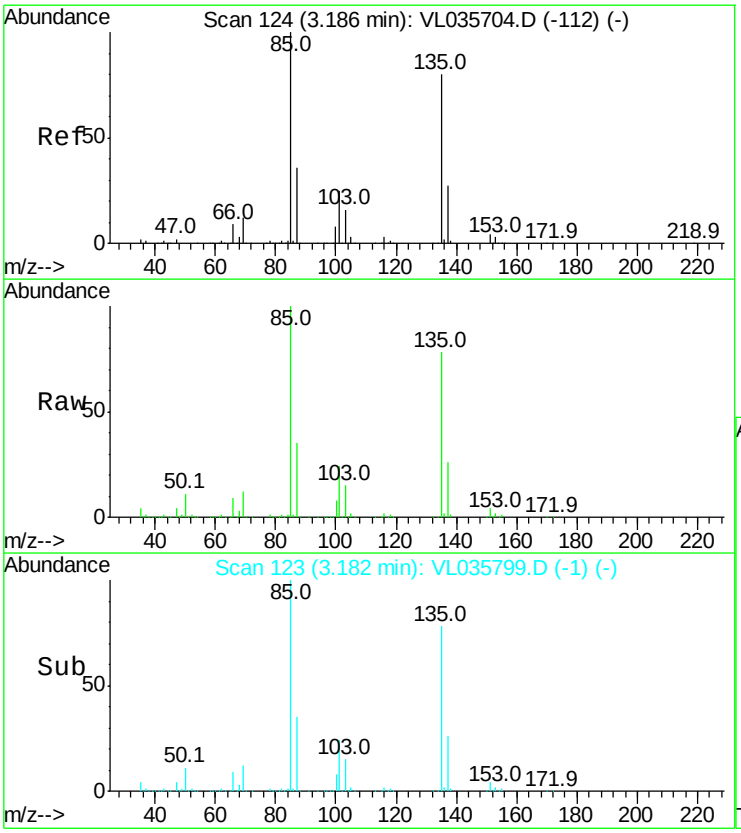
#7
Chloroethane
Concen: 9.461 ppbv
RT: 3.56 min Scan# 239
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 291898

Ion	Ratio	Lower	Upper
64	100		
66	33.8	26.9	40.3

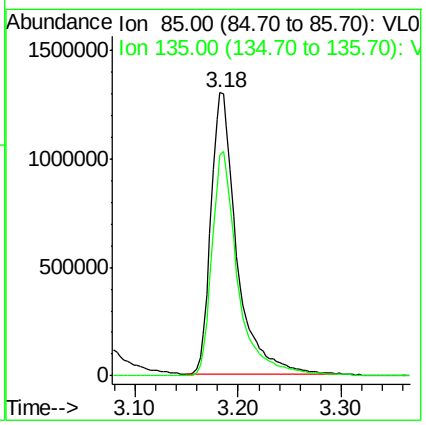


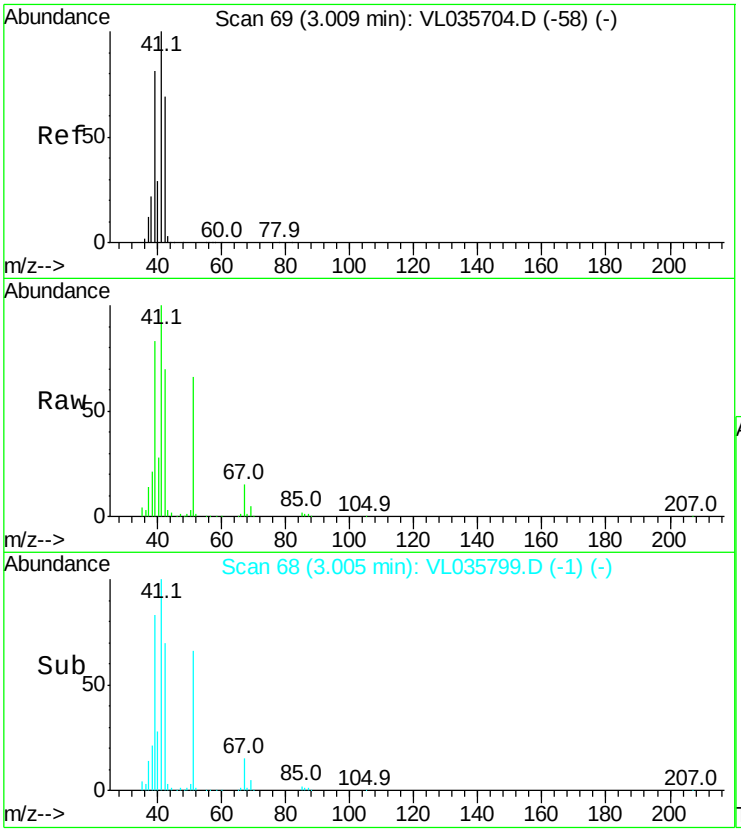


#8
Dichlorotetrafluoroethane
Concen: 9.251 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 85 Resp: 2265732

Ion	Ratio	Lower	Upper
85	100		
135	80.7	64.3	96.5



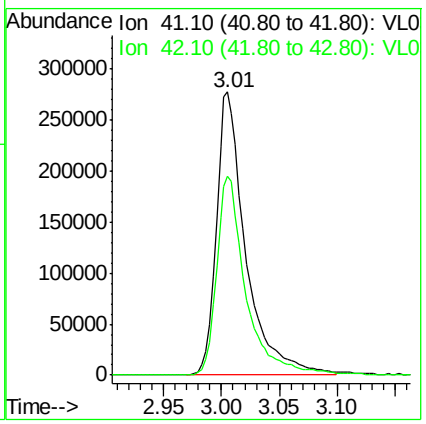


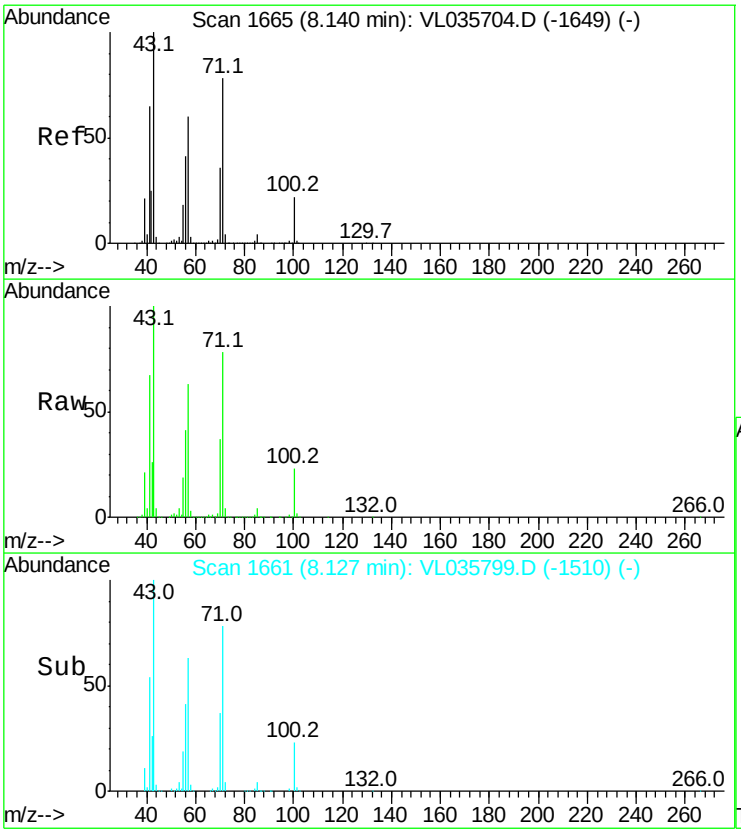
#9
Propene
Concen: 10.226 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 491551

Ion	Ratio	Lower	Upper
41	100		
42	70.3	56.2	84.4

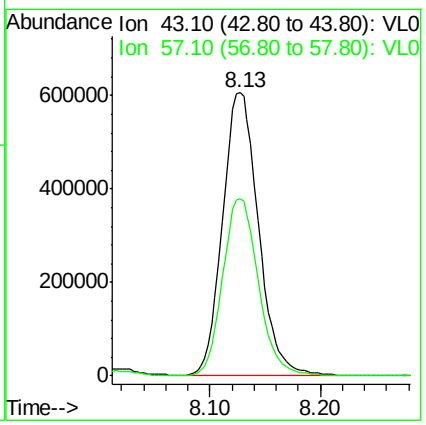


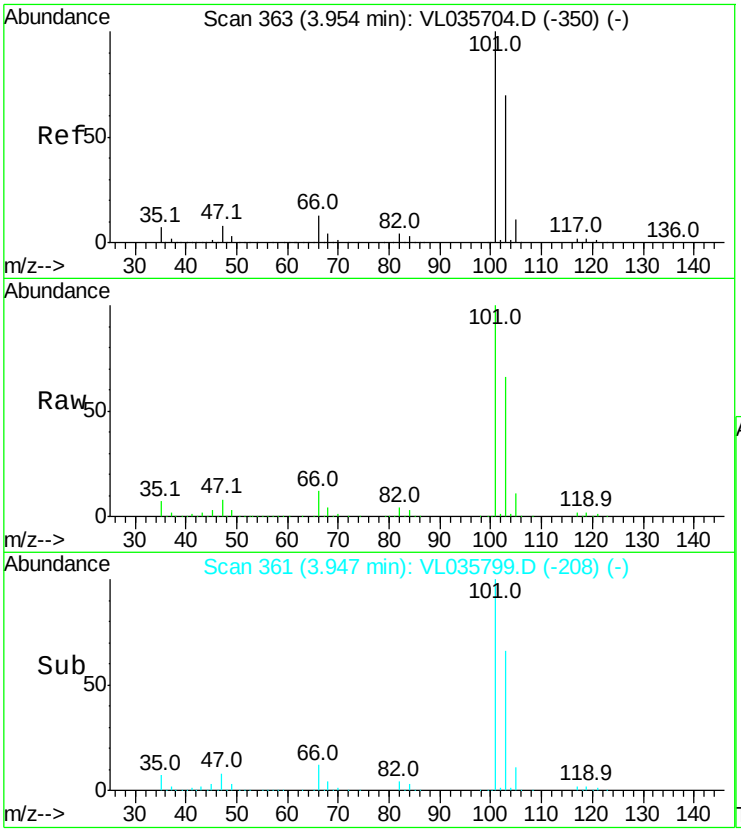


#10
Heptane
Concen: 10.120 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 43 Resp: 1356187

Ion	Ratio	Lower	Upper
43	100		
57	62.5	50.4	75.6



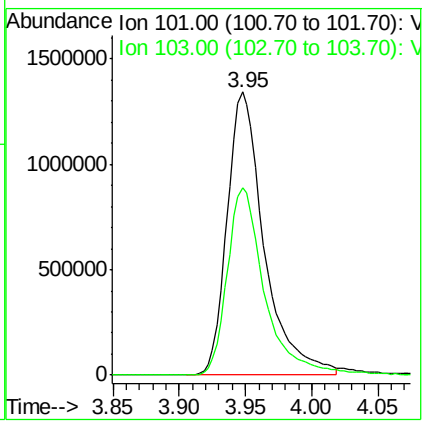


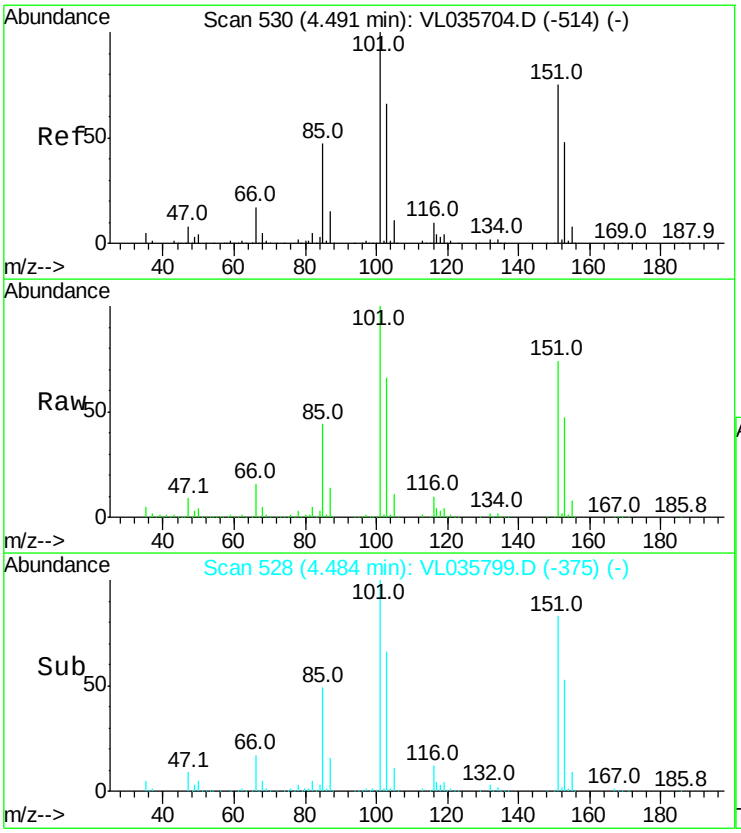
#11
Trichlorofluoromethane
Concen: 9.070 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 2612989

Ion	Ratio	Lower	Upper
101	100		
103	66.2	55.6	83.4

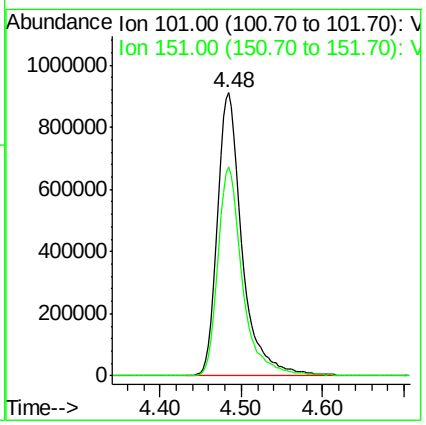


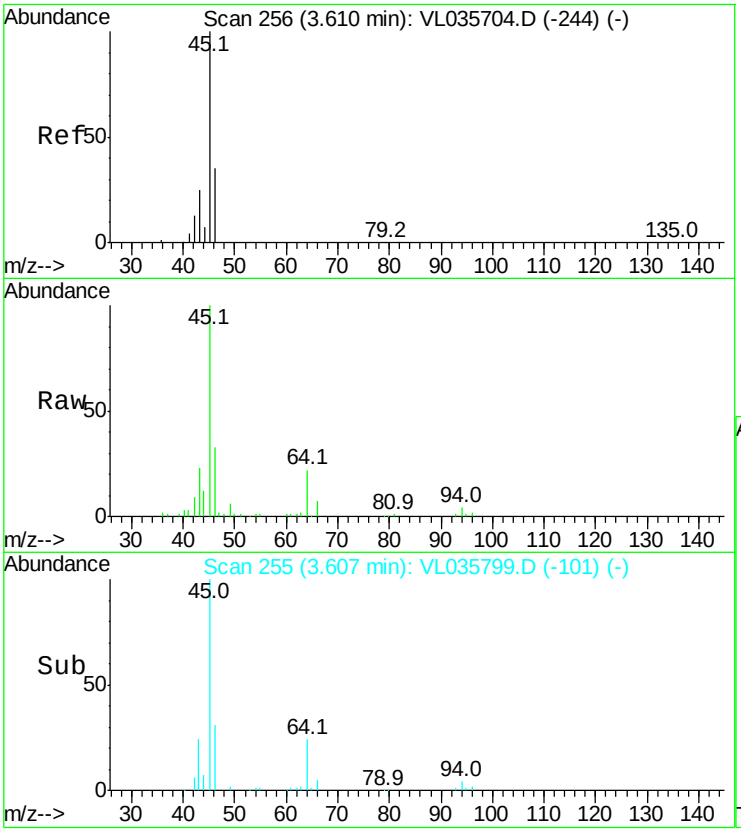


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.131 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:101 Resp: 1961052

Ion	Ratio	Lower	Upper
101	100		
151	73.6	59.1	88.7



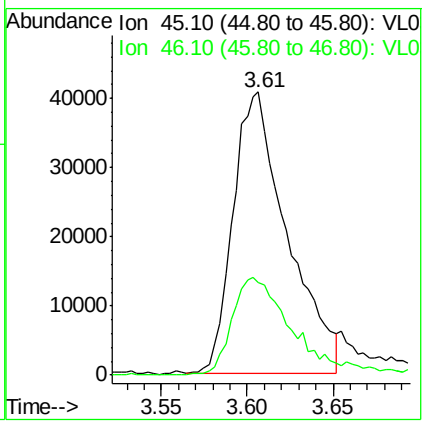


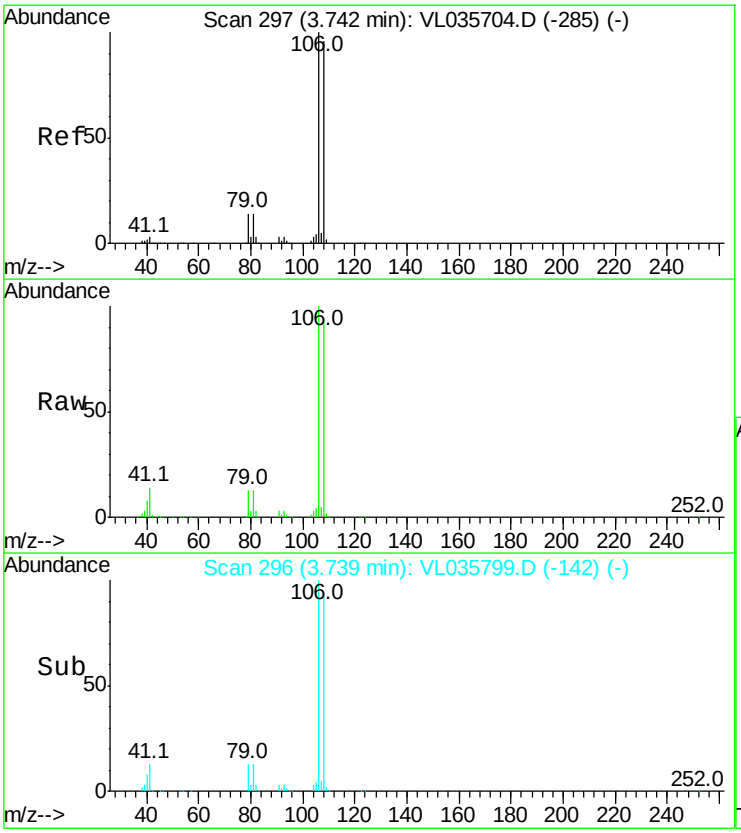
#13
Ethanol
Concen: 7.503 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 88944

Ion	Ratio	Lower	Upper
45	100		
46	40.3	14.7	58.7

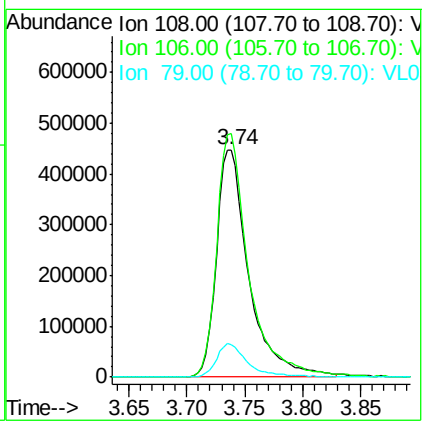


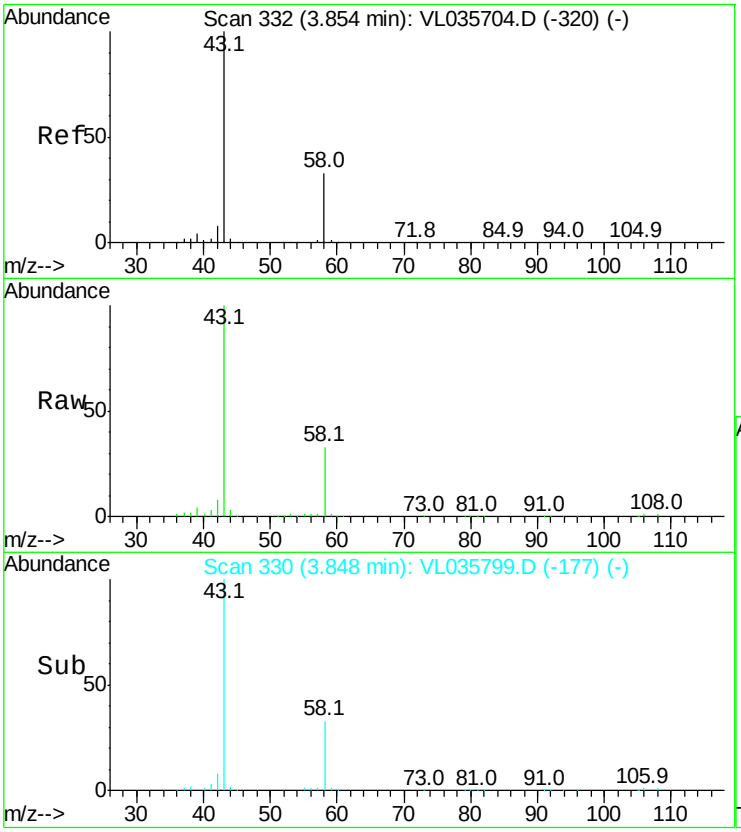


#14
Bromoethene
Concen: 9.608 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:108 Resp: 869199

Ion	Ratio	Lower	Upper
108	100		
106	106.6	84.6	126.8
79	14.5	11.6	17.4



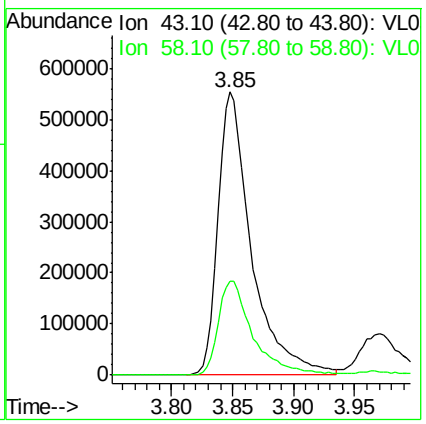


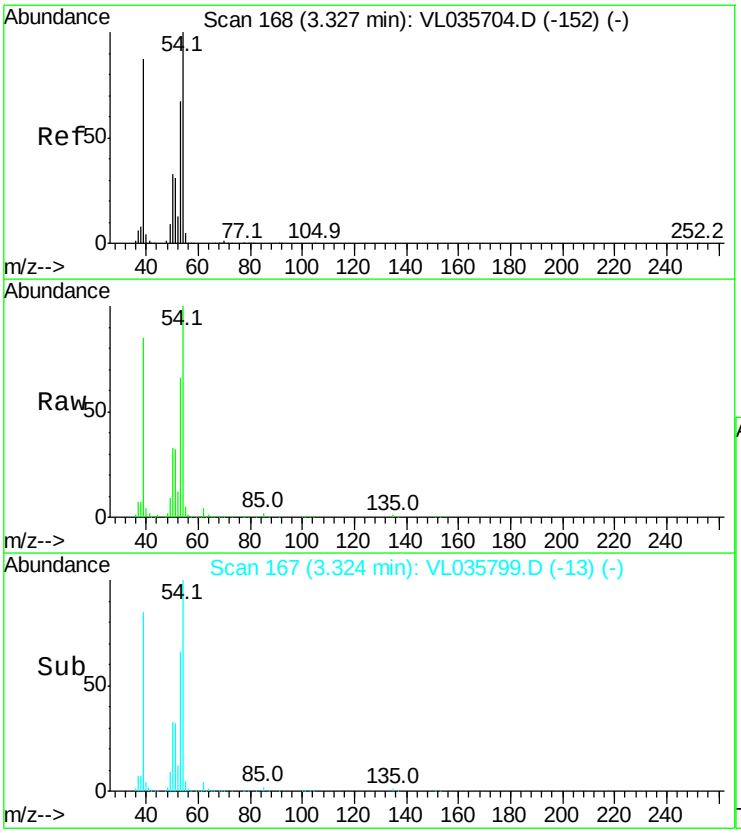
#15
Acetone
Concen: 8.041 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1064750

Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.3	40.9

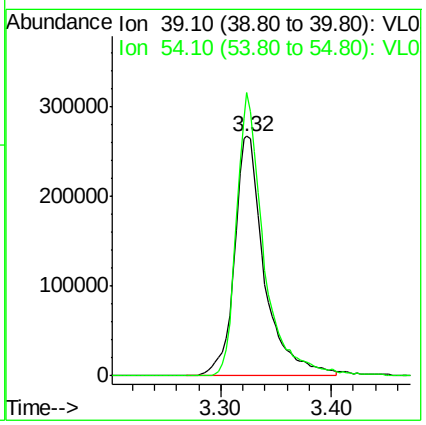


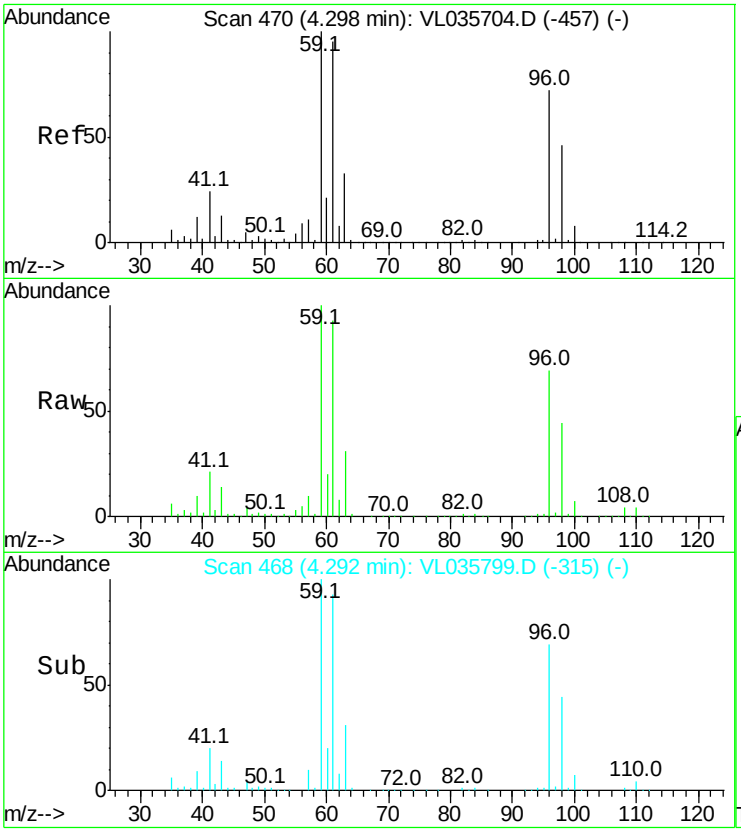


#16
1,3-Butadiene
Concen: 10.354 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 39 Resp: 501590

Ion	Ratio	Lower	Upper
39	100		
54	108.9	87.4	131.0



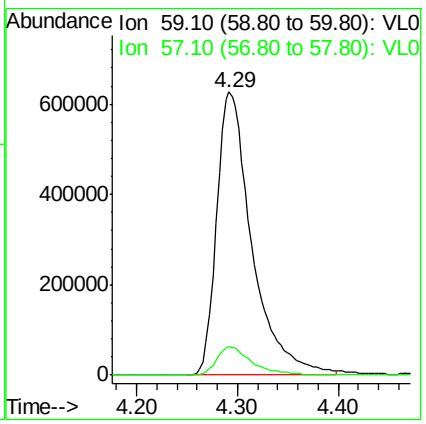


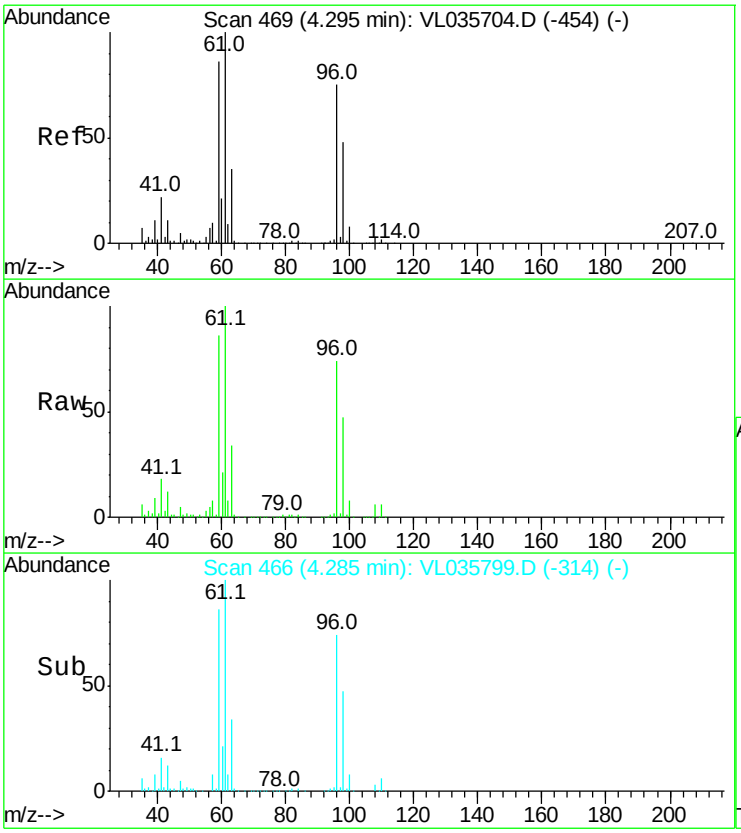
#17
tert-Butyl alcohol
Concen: 10.620 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1531840

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

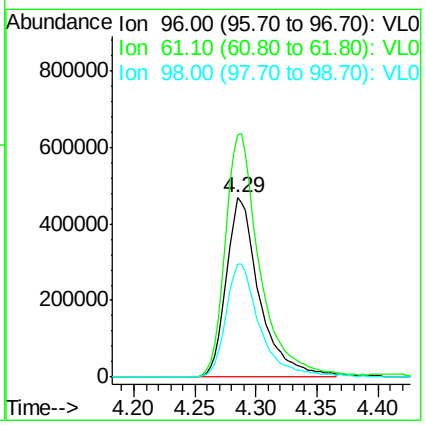


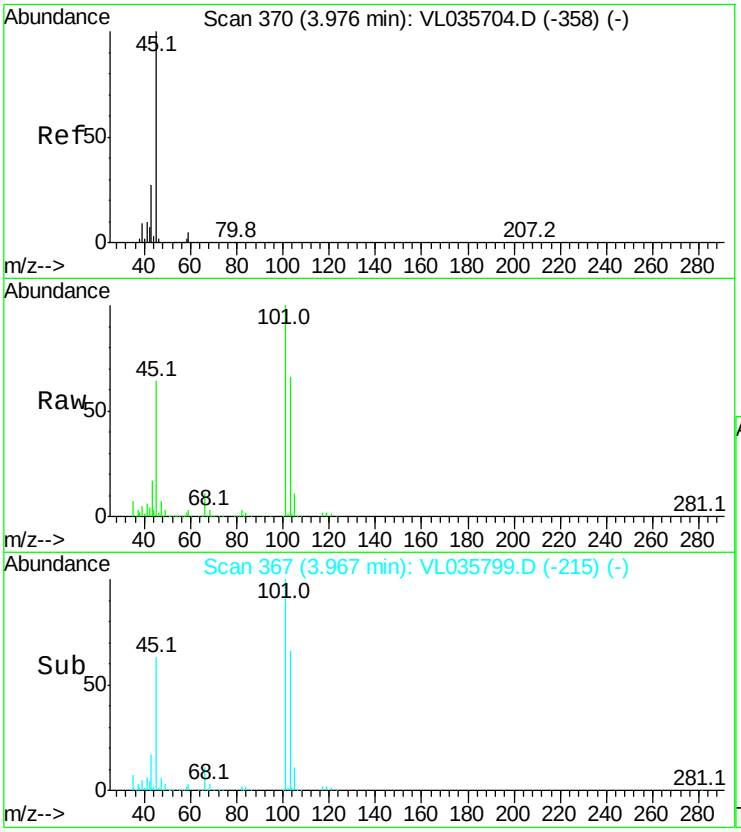


#18
1,1-Dichloroethene
Concen: 9.507 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 96 Resp: 893972

Ion	Ratio	Lower	Upper
96	100		
61	135.6	106.7	160.1
98	63.4	50.8	76.2



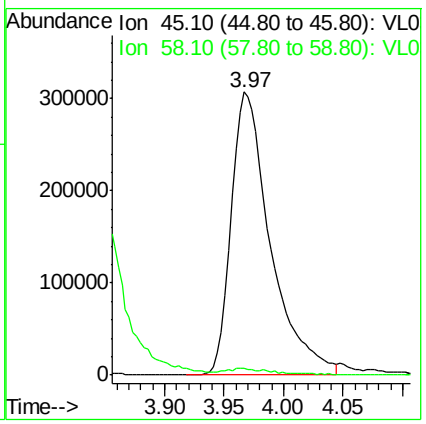


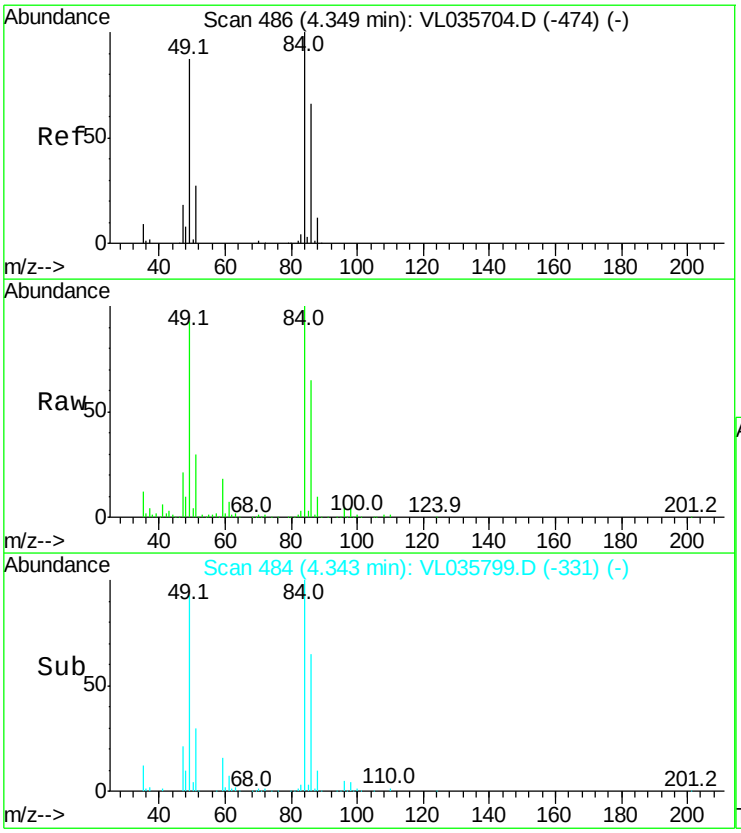
#19
Isopropyl Alcohol
Concen: 9.748 ppbv
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 702167

Ion	Ratio	Lower	Upper
45	100		
58	3.2	2.8	4.2

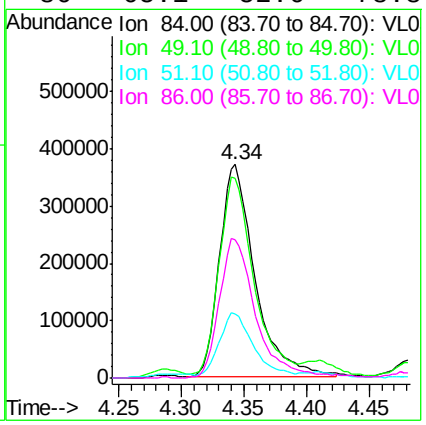


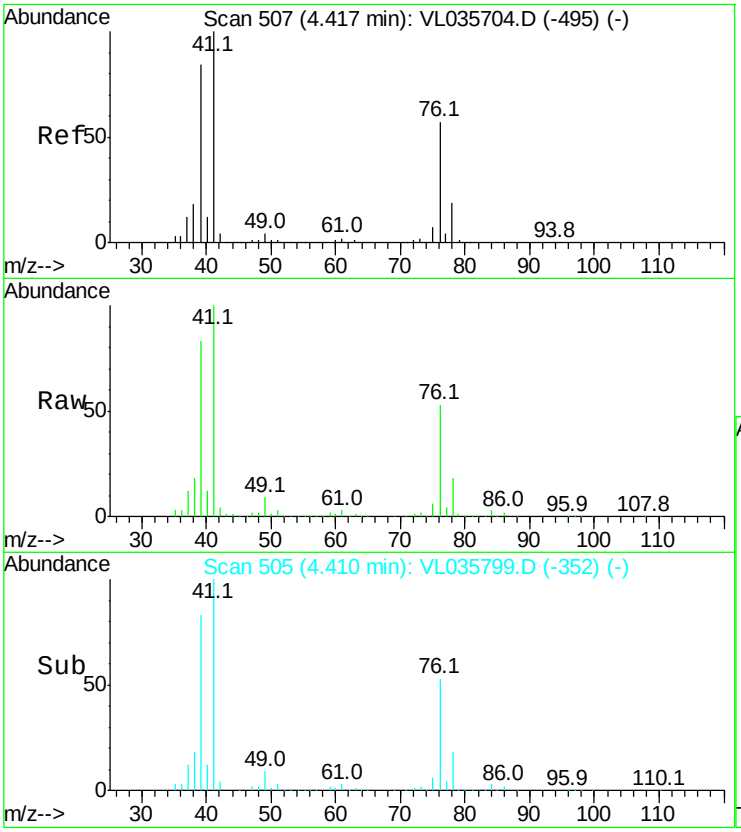


#20
Methylene Chloride
Concen: 7.528 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 84 Resp: 732228

Ion	Ratio	Lower	Upper
84	100		
49	92.3	69.8	104.6
51	28.7	21.8	32.8
86	65.1	52.6	78.8



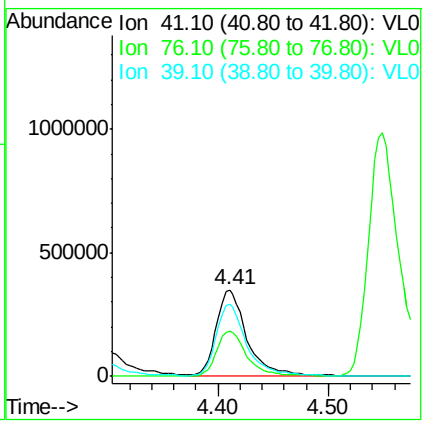


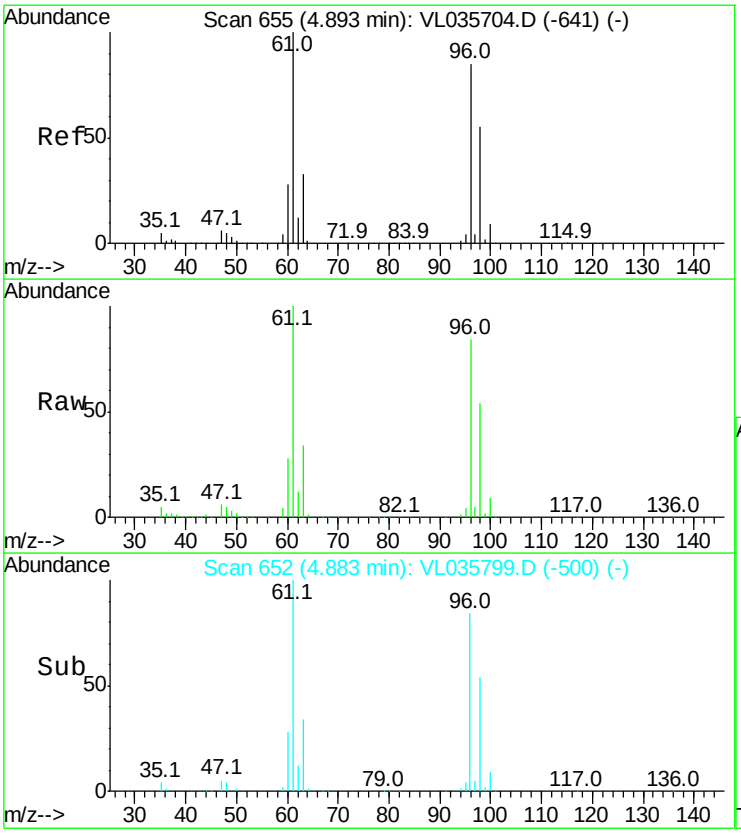
#21
Allyl Chloride
Concen: 10.365 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 665273

Ion	Ratio	Lower	Upper
41	100		
76	53.2	44.8	67.2
39	83.7	68.4	102.6

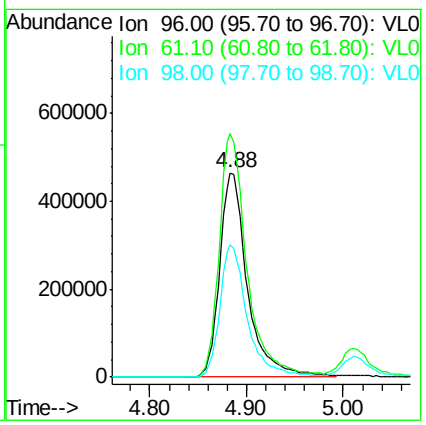


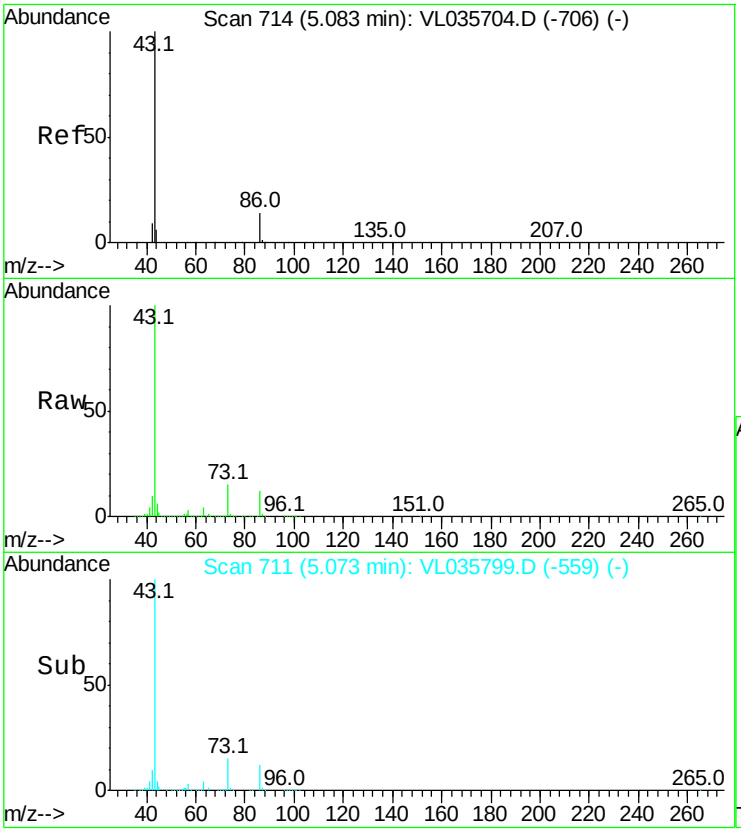


#22
trans-1,2-Dichloroethene
Concen: 9.325 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 96 Resp: 926430

Ion	Ratio	Lower	Upper
96	100		
61	119.2	93.7	140.5
98	64.7	51.2	76.8



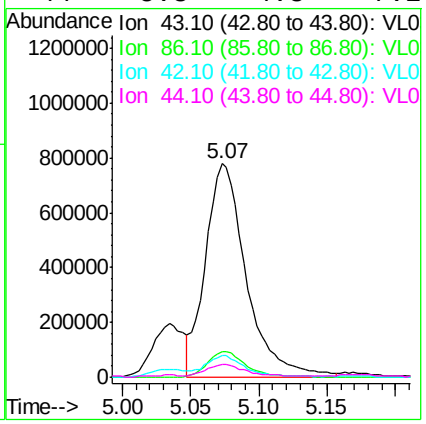


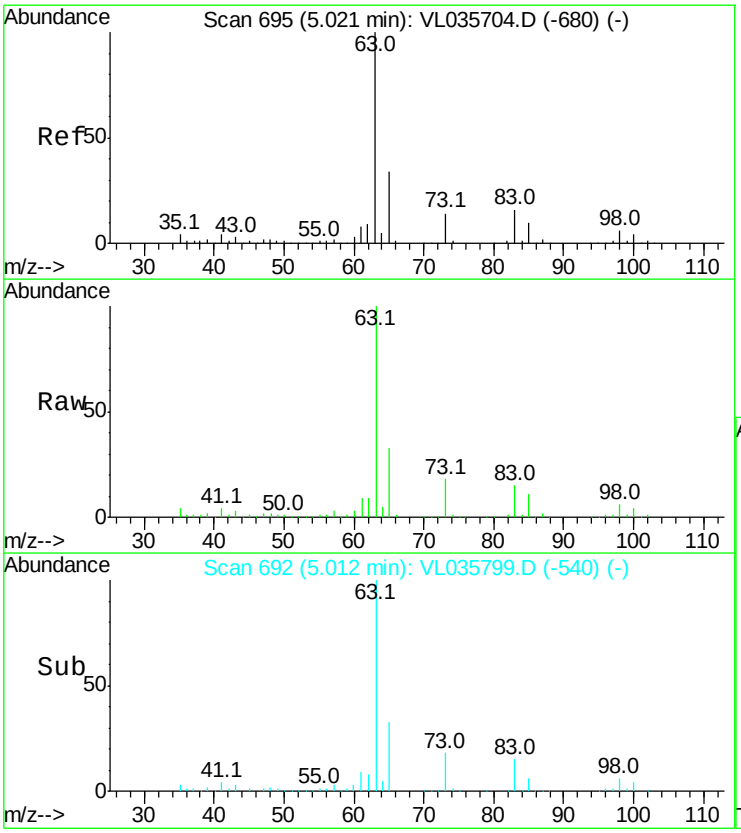
#23
Vinyl Acetate
Concen: 9.939 ppbv
RT: 5.07 min Scan# 711
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1612049

Ion	Ratio	Lower	Upper
43	100		
86	12.2	9.7	14.5
42	10.1	7.9	11.9
44	5.3	4.8	7.2

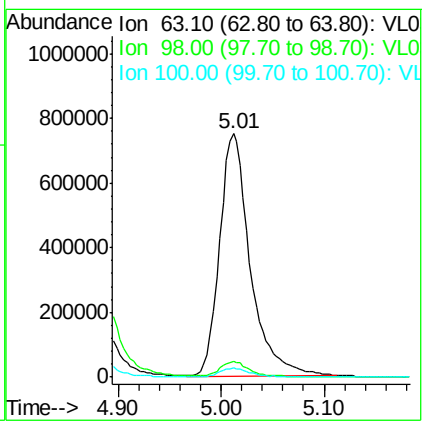


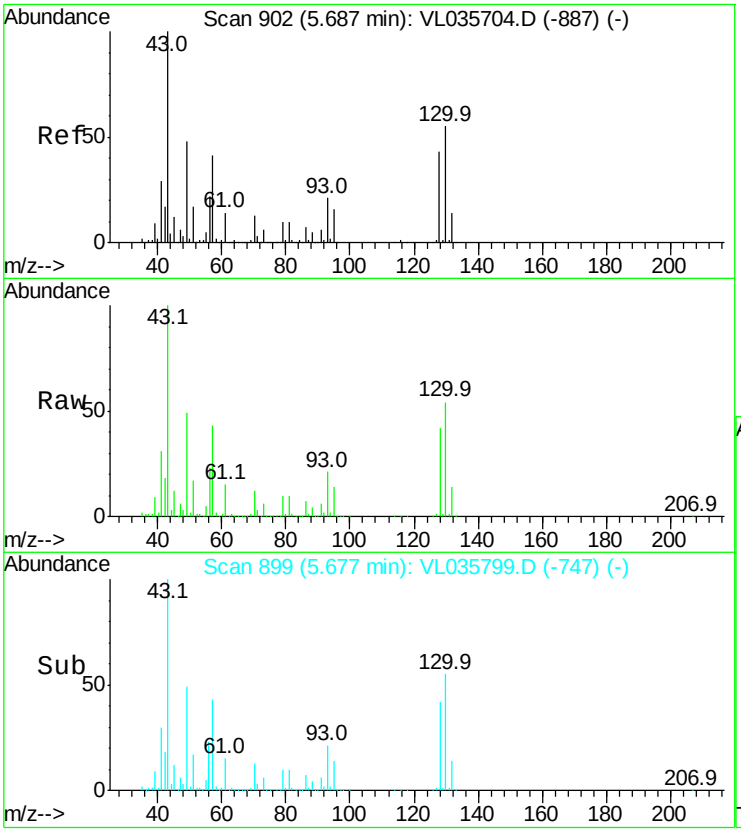


#24
1,1-Dichloroethane
Concen: 8.808 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 63 Resp: 1555955

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.3	9.8
100	3.6	2.0	5.8



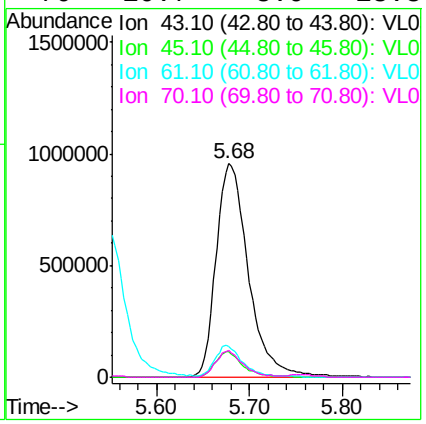


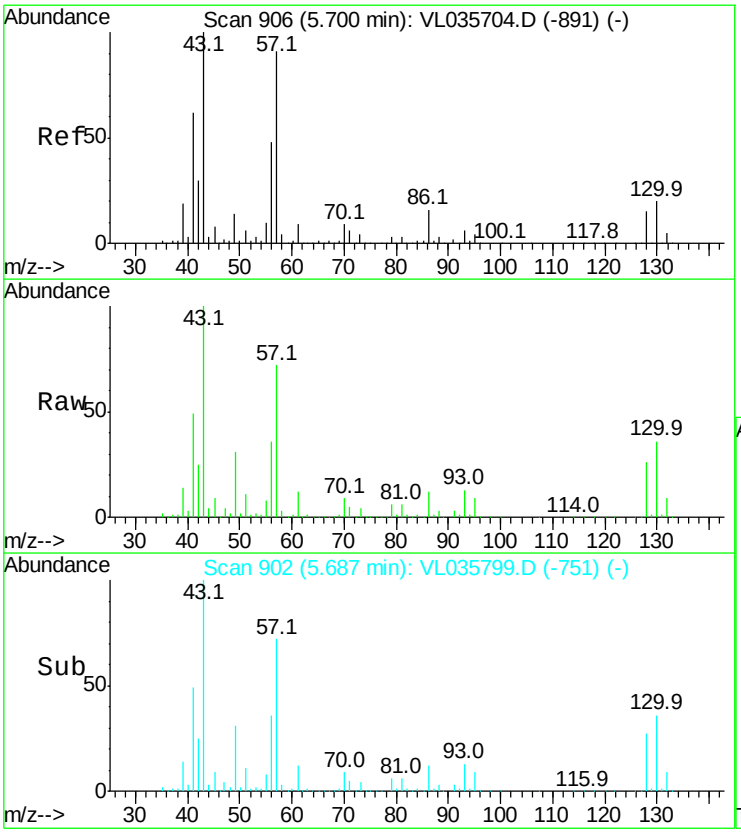
#25
Ethyl Acetate
Concen: 9.691 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2309036

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	12.8
61	13.4	10.4	15.6
70	10.7	8.9	13.3

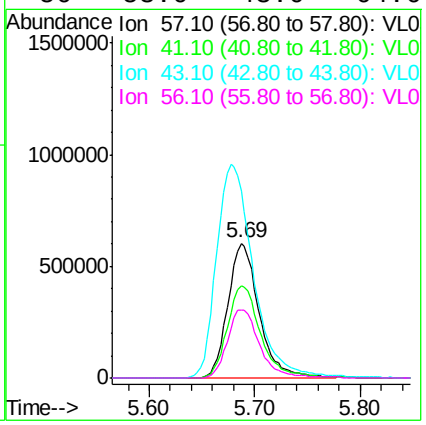


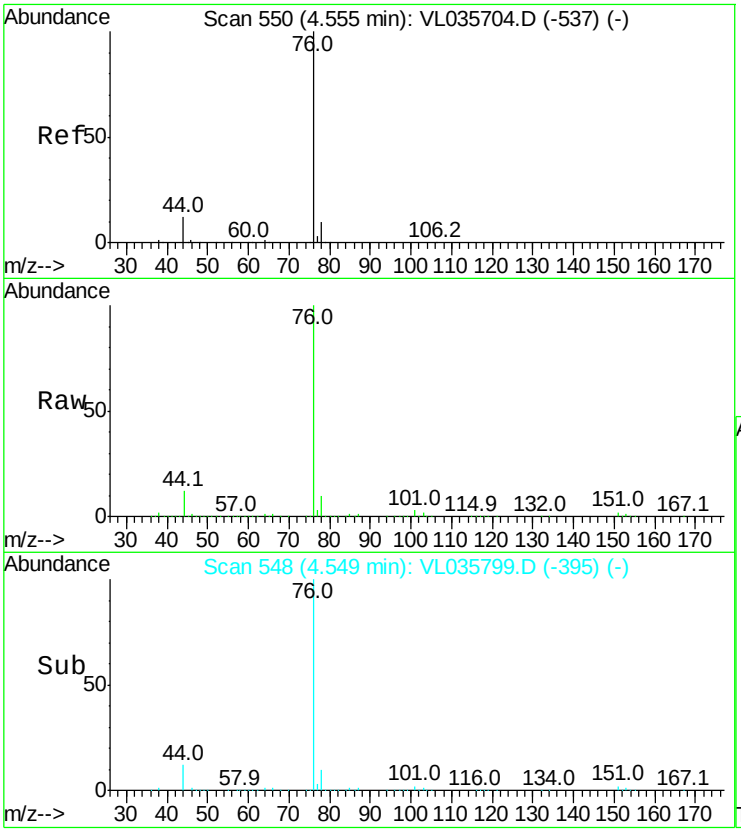


#26
Hexane
Concen: 9.478 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 57 Resp: 1237504

Ion	Ratio	Lower	Upper
57	100		
41	73.6	57.9	86.9
43	187.7	143.8	215.6
56	53.0	43.0	64.6



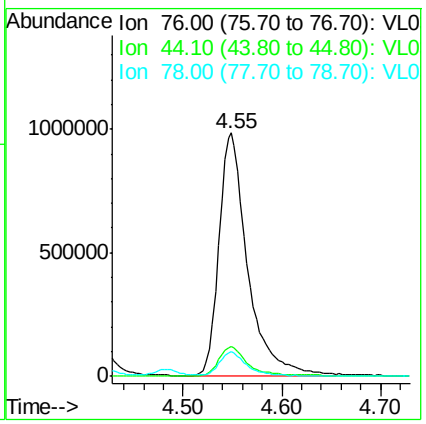


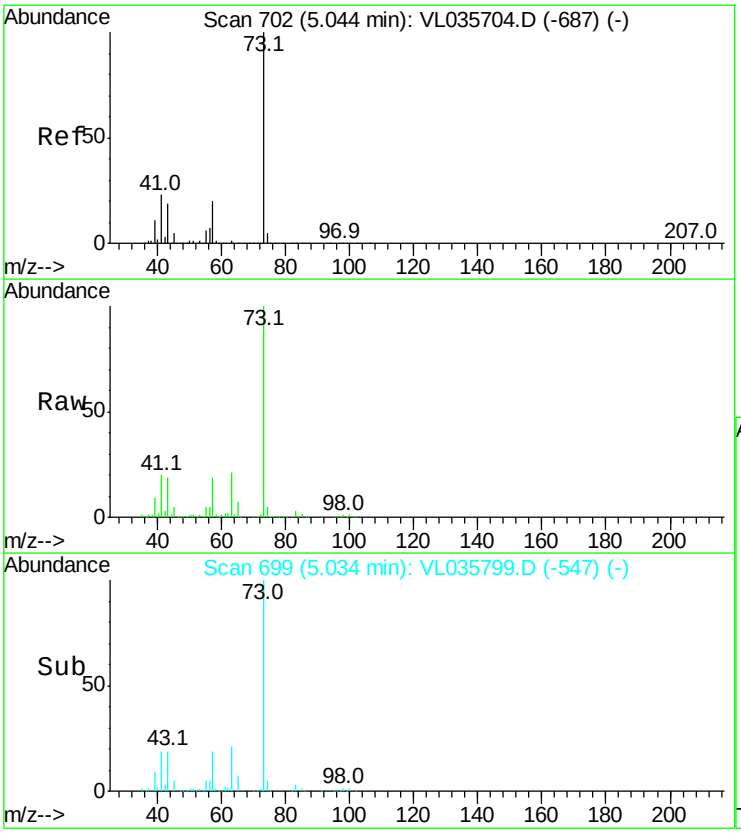
#27
Carbon Disulfide
Concen: 10.302 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 2004821

Ion	Ratio	Lower	Upper
76	100		
44	12.4	9.7	14.5
78	10.1	7.8	11.8

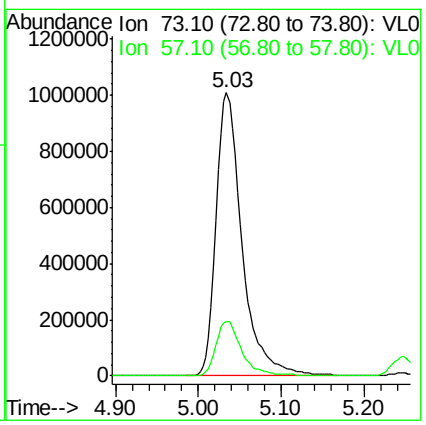


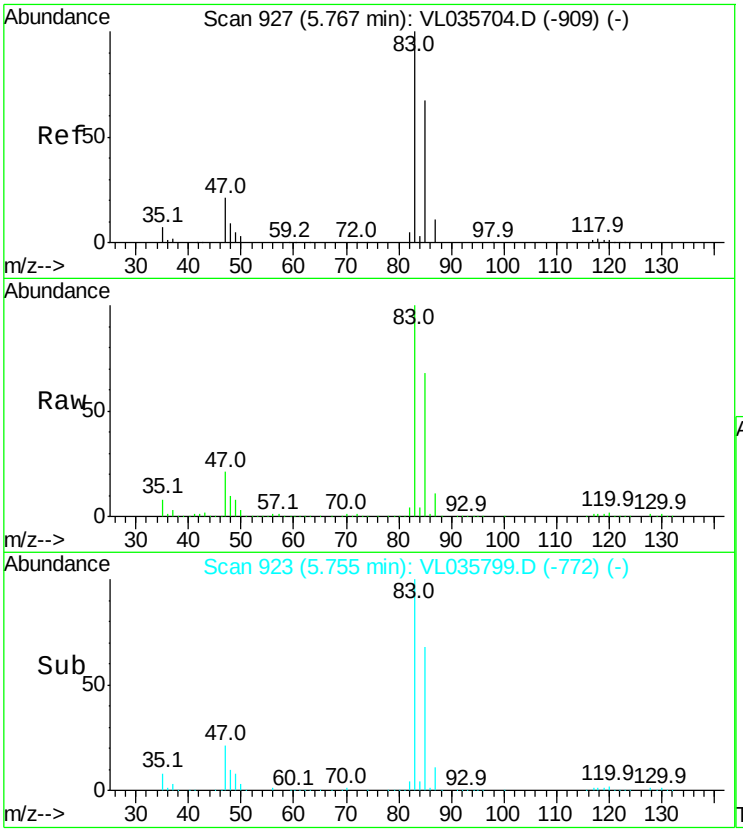


#28
Methyl tert-Butyl Ether
Concen: 10.537 ppbv
RT: 5.03 min Scan# 699
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 73 Resp: 2180763

Ion	Ratio	Lower	Upper
73	100		
57	19.3	15.6	23.4



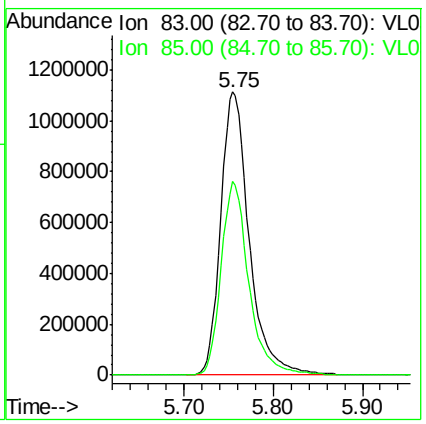


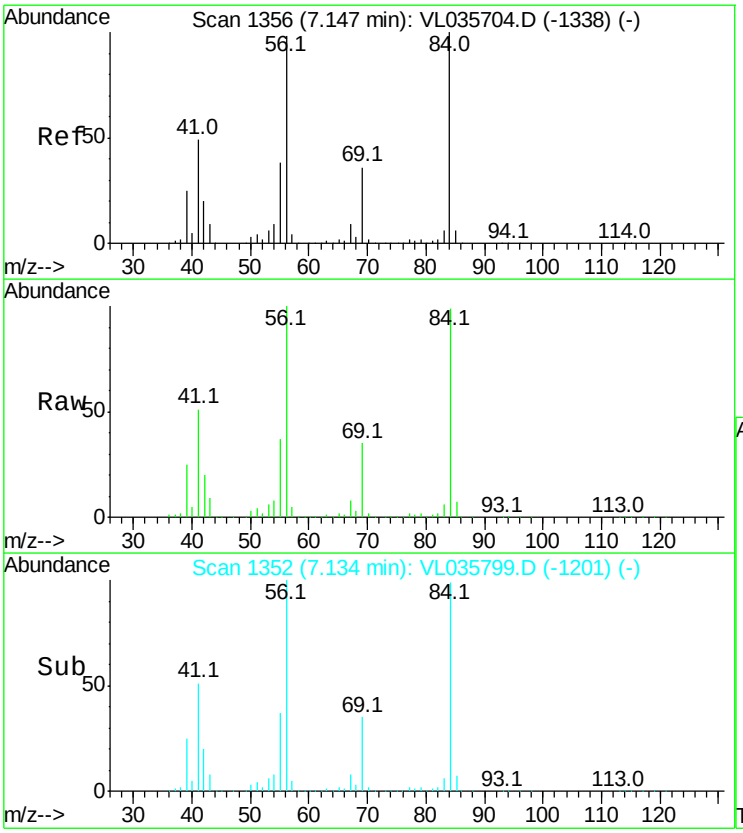
#29
Chloroform
Concen: 9.304 ppbv
RT: 5.75 min Scan# 923
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2466957

Ion	Ratio	Lower	Upper
83	100		
85	68.2	54.0	81.0

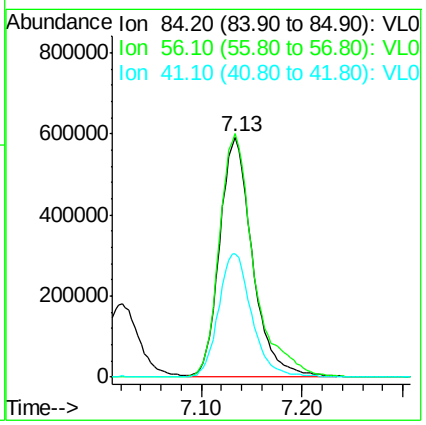


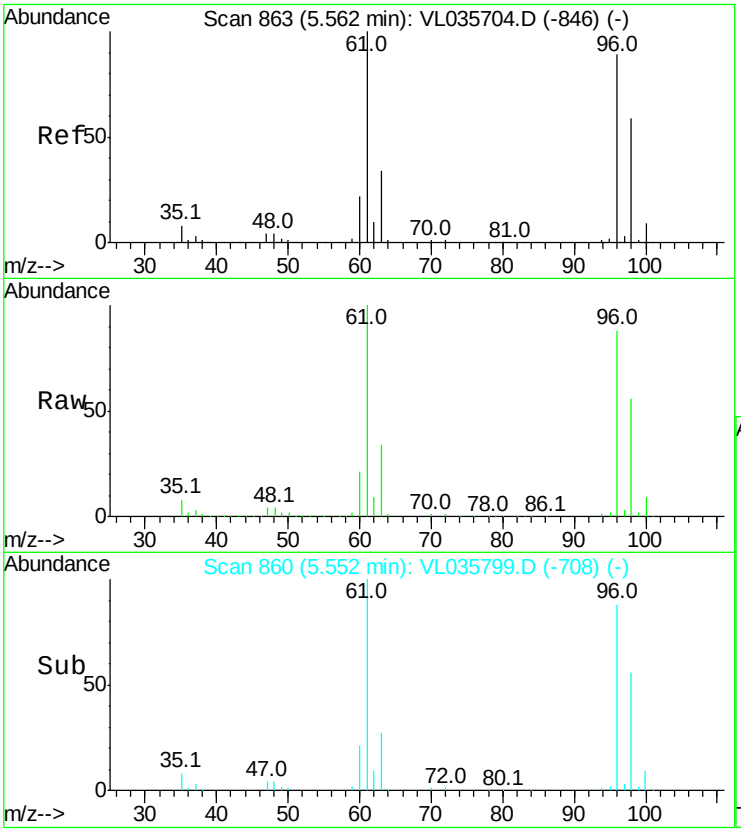


#30
Cyclohexane
Concen: 10.342 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 84 Resp: 1332225

Ion	Ratio	Lower	Upper
84	100		
56	108.0	84.6	127.0
41	52.6	41.1	61.7



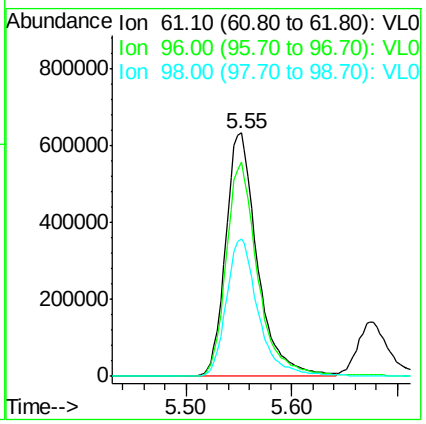


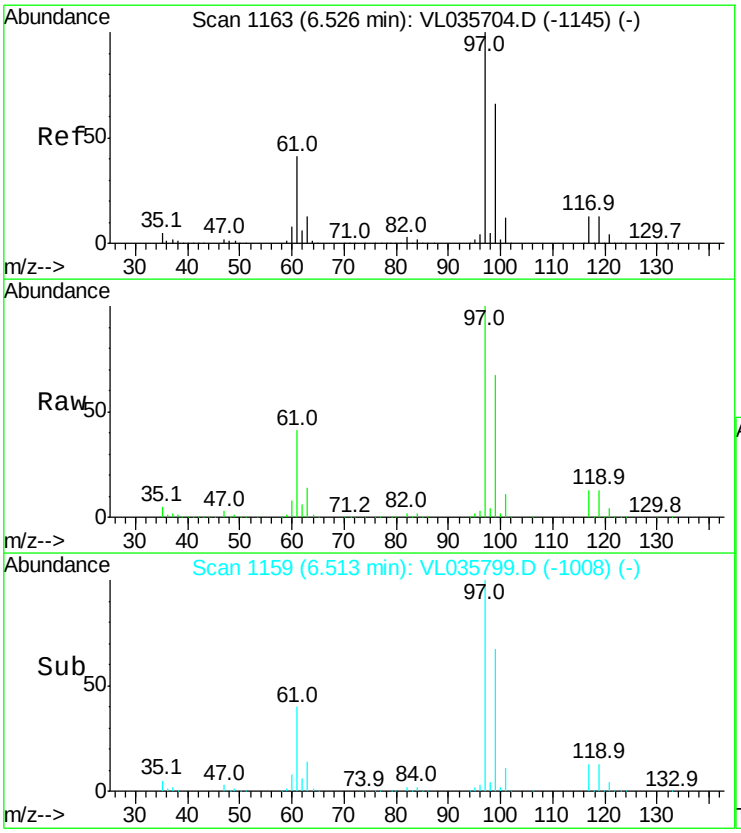
#31
cis-1,2-Dichloroethene
Concen: 10.478 ppbv
RT: 5.55 min Scan# 860
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1320644

Ion	Ratio	Lower	Upper
61	100		
96	87.9	71.4	107.2
98	56.3	47.4	71.2

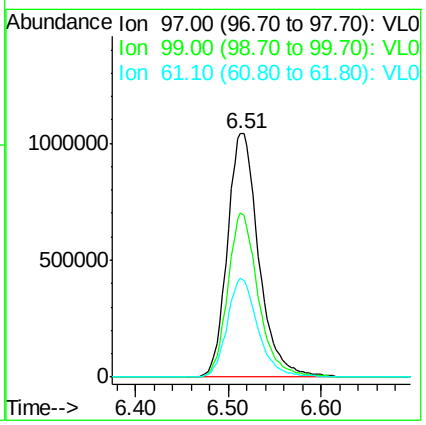


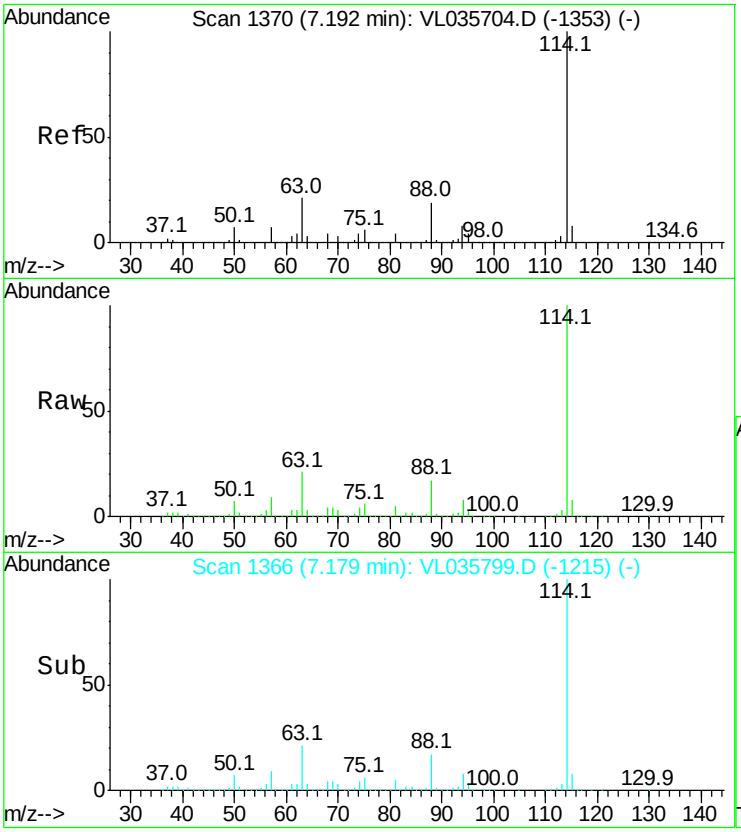


#32
1,1,1-Trichloroethane
Concen: 10.468 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 97 Resp: 2446765

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.7	79.1
61	40.0	32.7	49.1



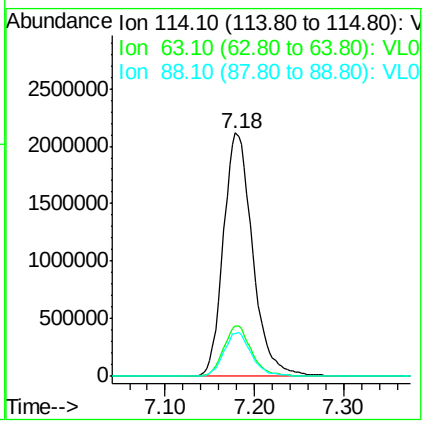


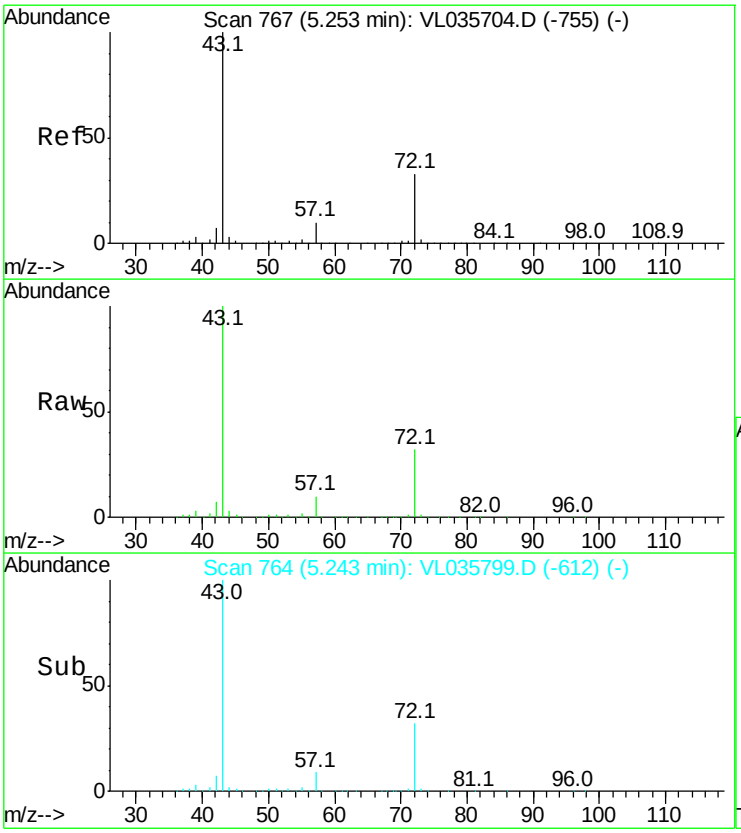
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 4801765

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.1	14.1	21.1

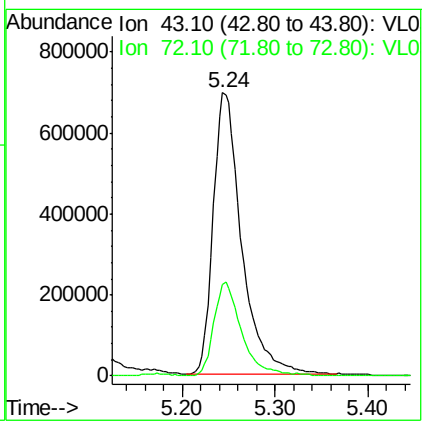


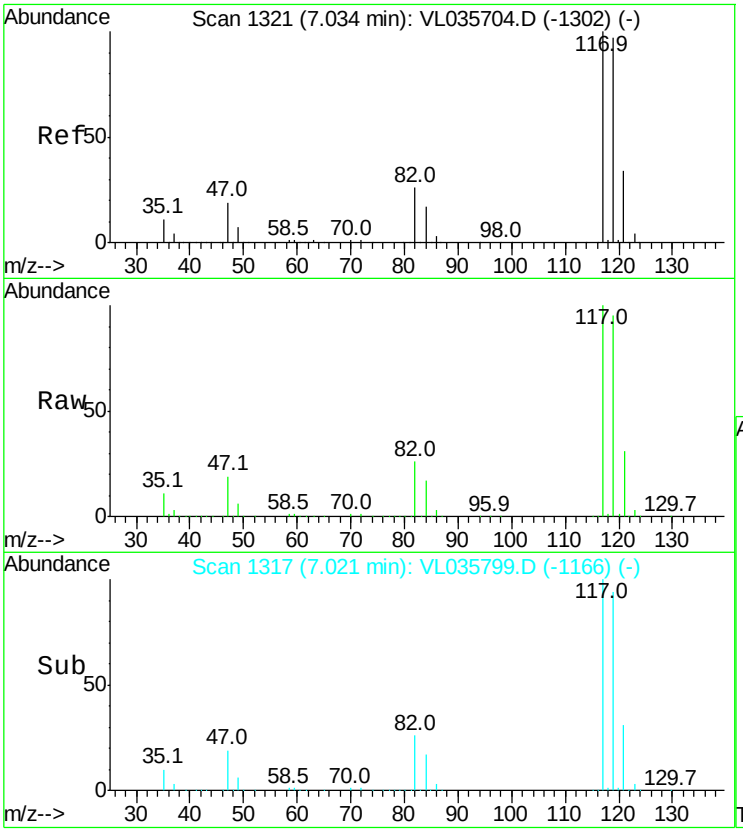


#34
2-Butanone
Concen: 9.293 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 43 Resp: 1475947

Ion	Ratio	Lower	Upper
43	100		
72	33.1	26.1	39.1



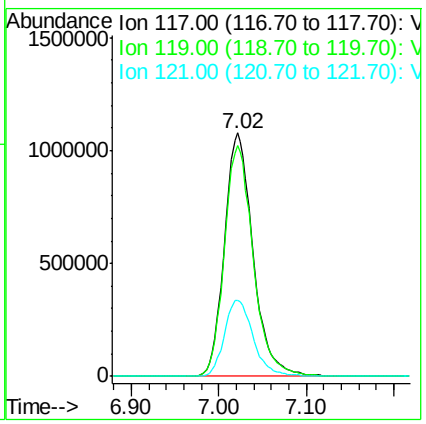


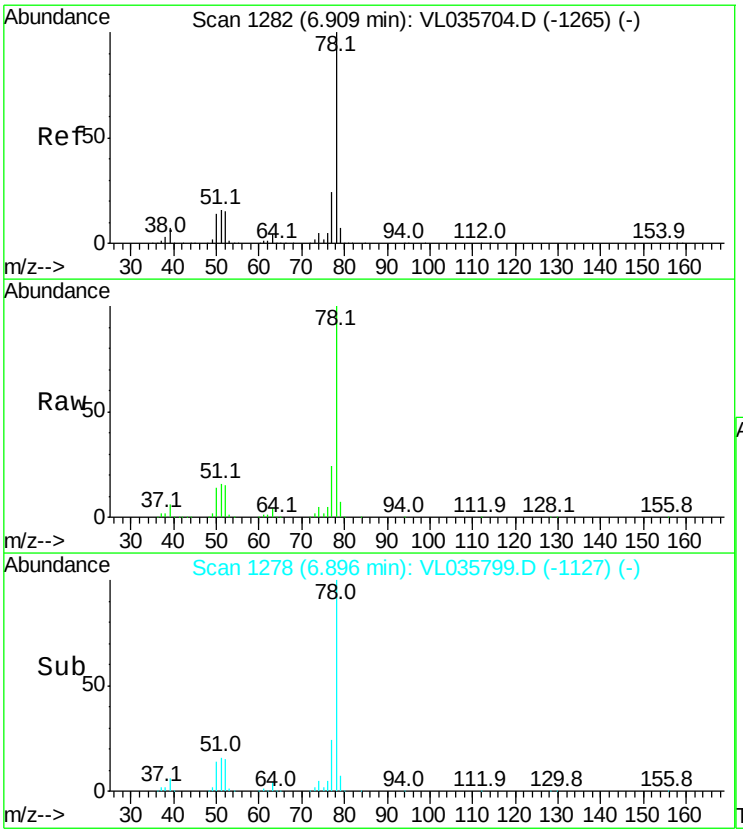
#35
Carbon Tetrachloride
Concen: 9.779 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 2448215

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.7	116.5
121	31.4	26.9	40.3

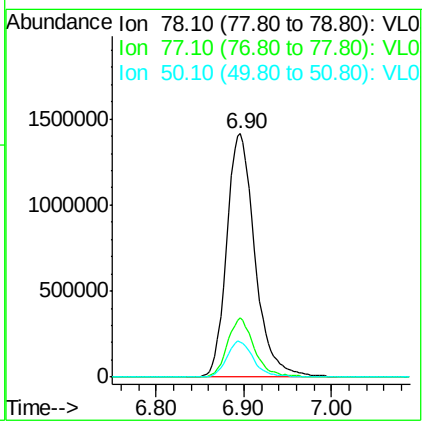


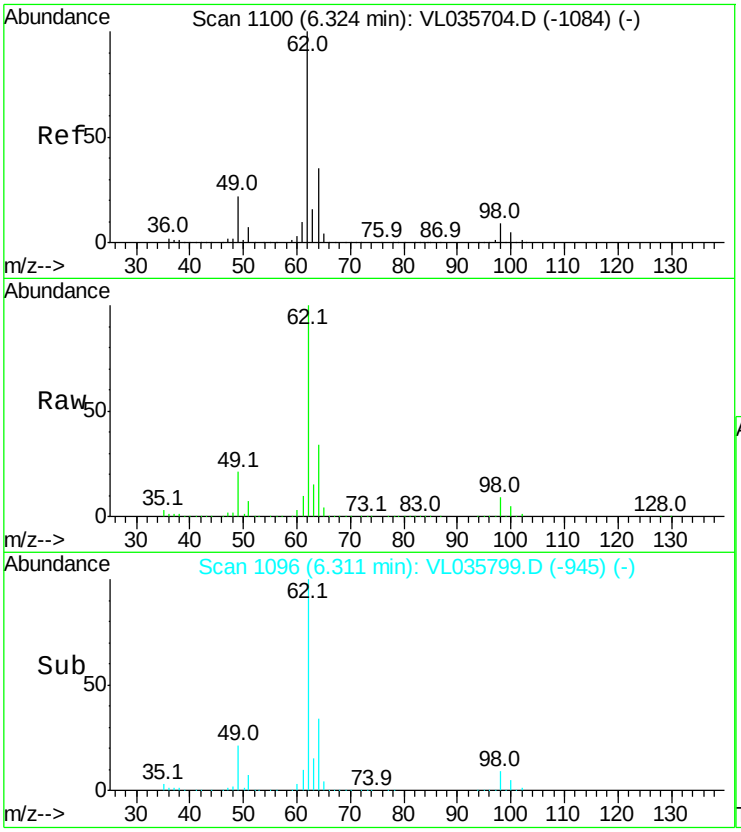


#36
Benzene
Concen: 10.123 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 78 Resp: 3167224

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9
50	14.3	11.6	17.4



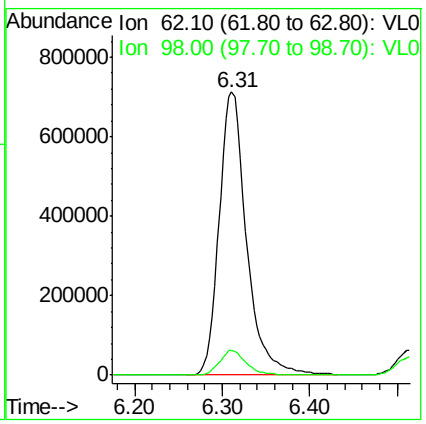


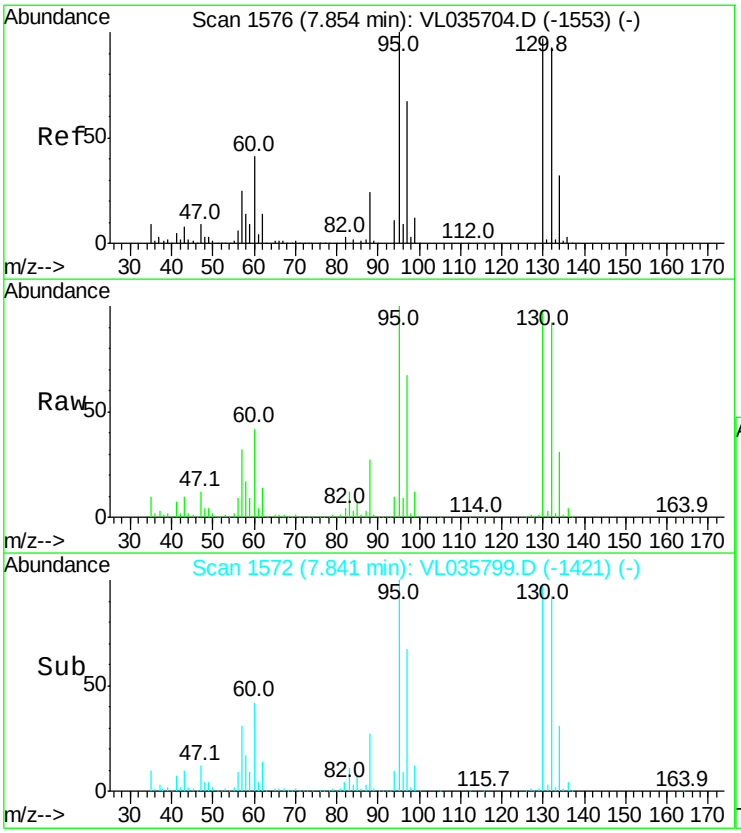
#37
1,2-Dichloroethane
Concen: 9.508 ppbv
RT: 6.31 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1550570

Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3

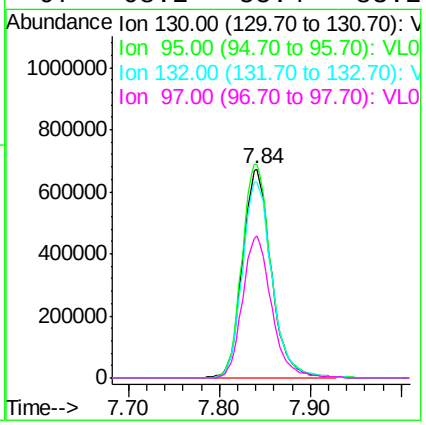


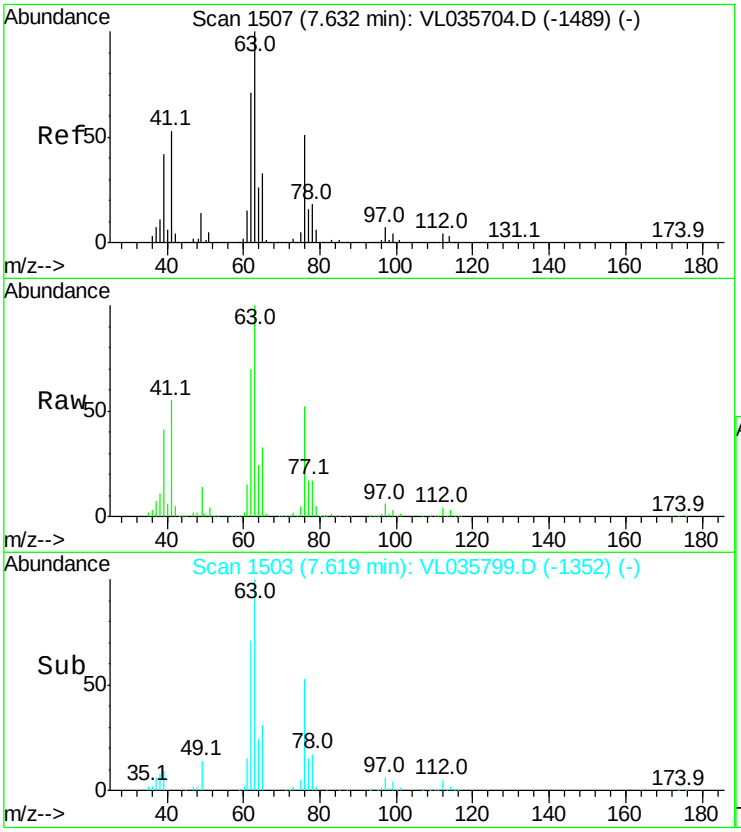


#38
Trichloroethene
Concen: 9.483 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:130 Resp: 1480128

Ion	Ratio	Lower	Upper
130	100		
95	102.0	82.4	123.6
132	93.9	76.8	115.2
97	68.2	55.4	83.2



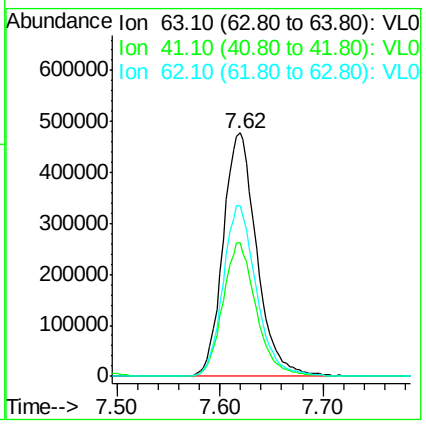


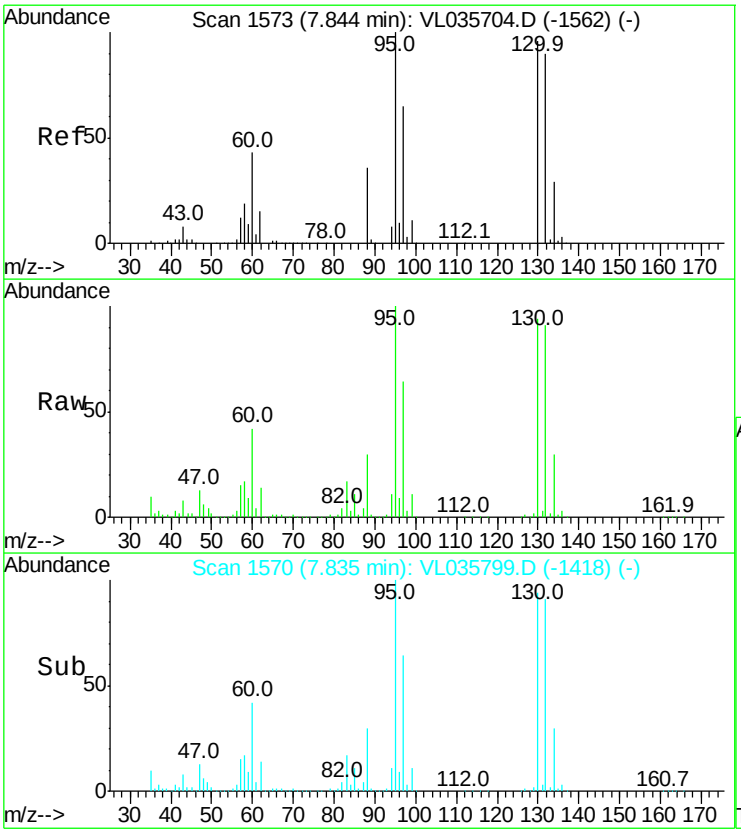
#39
1,2-Dichloropropane
Concen: 9.544 ppbv
RT: 7.62 min Scan# 1503
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 1082361

Ion	Ratio	Lower	Upper
63	100		
41	54.7	42.6	63.8
62	70.2	56.5	84.7

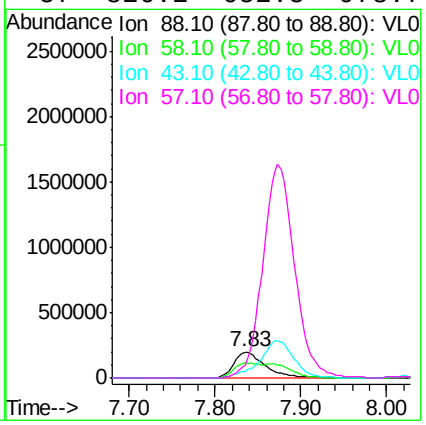


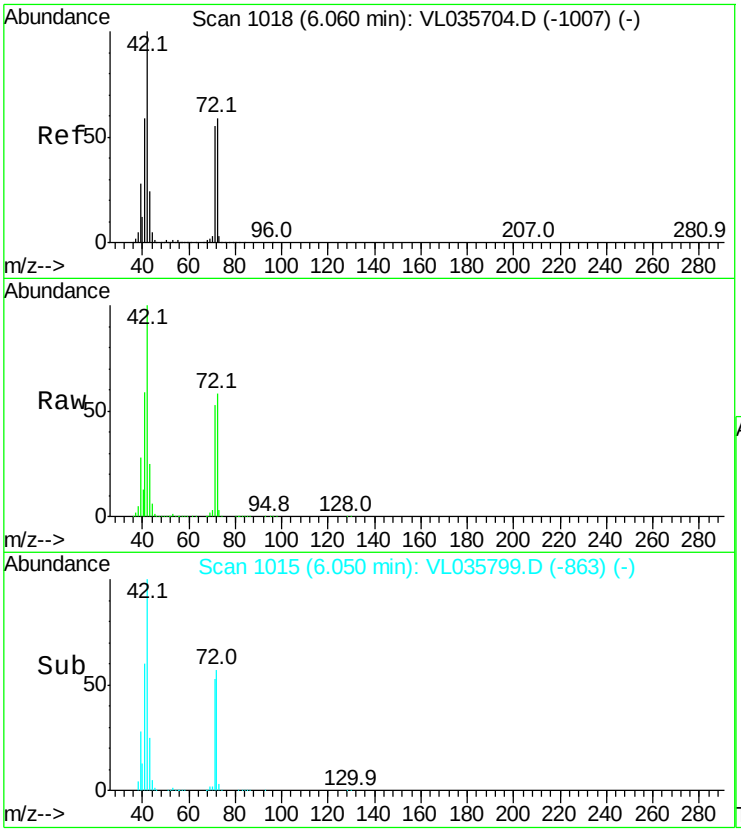


#40
1,4-Dioxane
Concen: 9.843 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 88 Resp: 510492

Ion	Ratio	Lower	Upper
88	100		
58	95.2	76.2	114.4
43	153.9	123.4	185.2
57	826.2	652.5	978.7



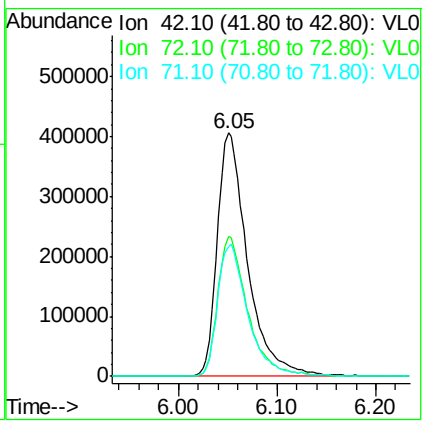


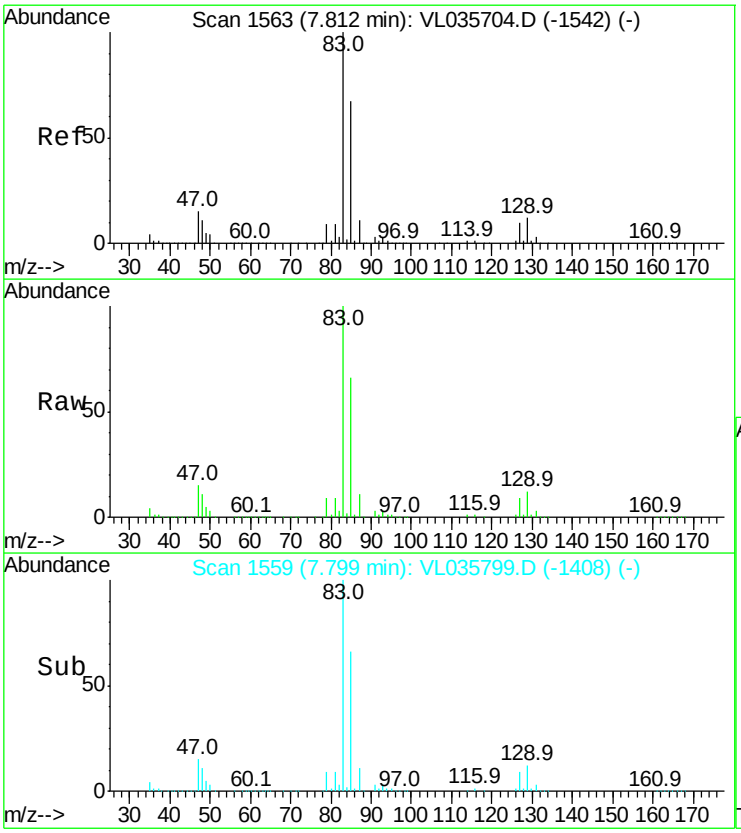
#41
Tetrahydrofuran
Concen: 10.937 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 42 Resp: 875140

Ion	Ratio	Lower	Upper
42	100		
72	56.7	46.2	69.4
71	54.3	44.2	66.4

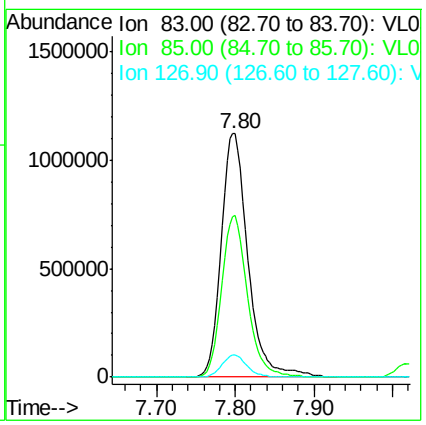


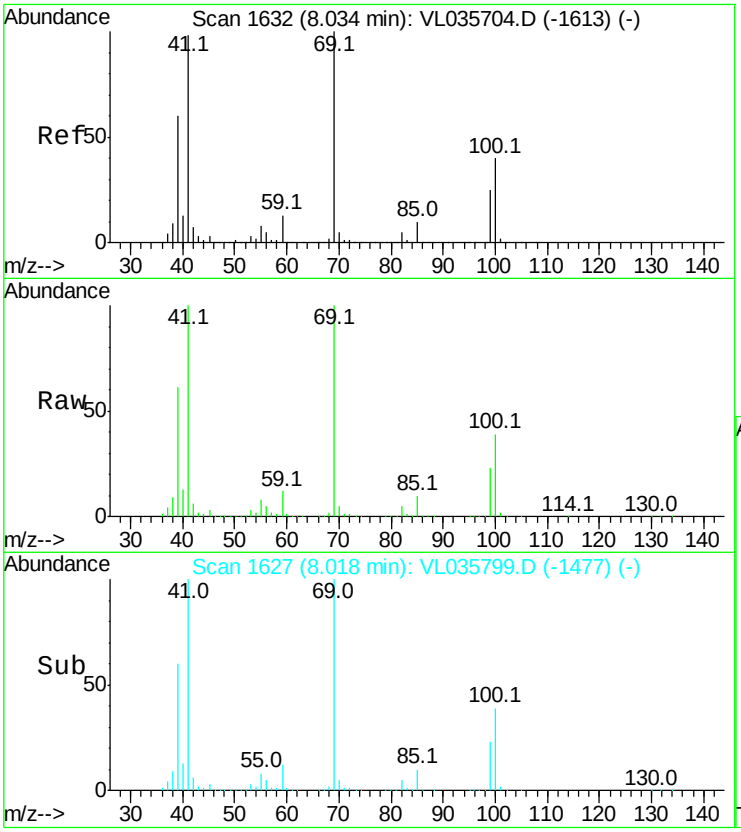


#42
Bromodichloromethane
Concen: 9.997 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 83 Resp: 2626114

Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.4	80.0
127	9.1	7.8	11.6



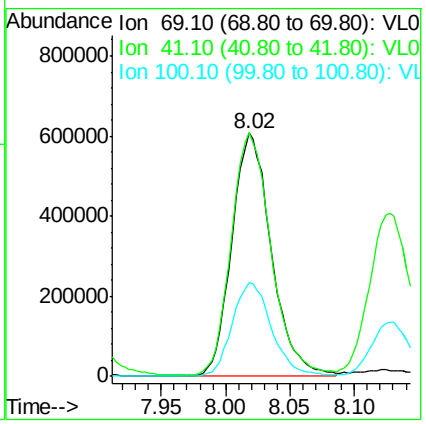


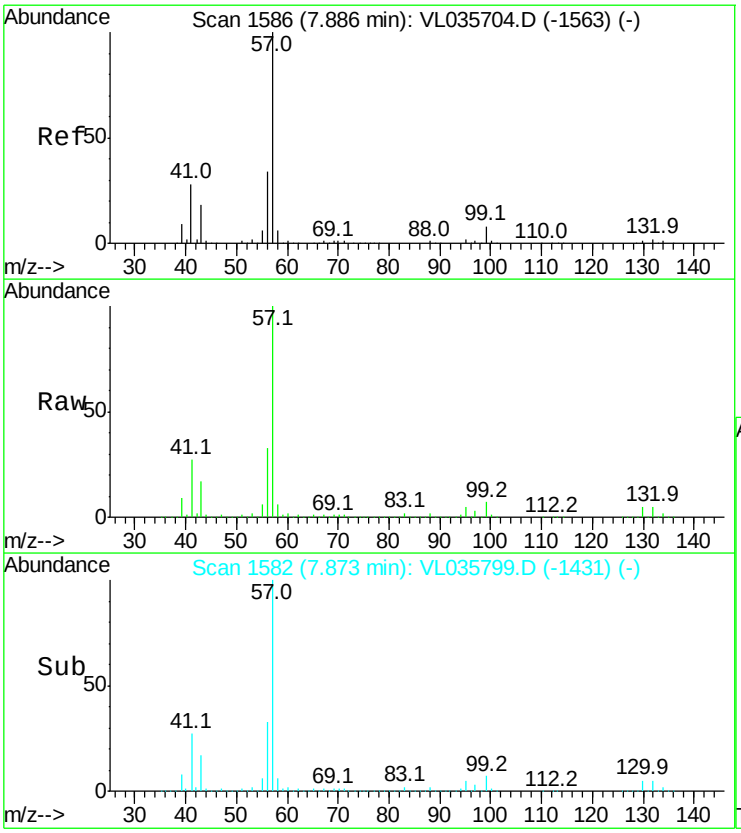
#43
Methyl Methacrylate
Concen: 10.405 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 1294829

Ion	Ratio	Lower	Upper
69	100		
41	101.4	79.8	119.6
100	38.7	30.6	46.0

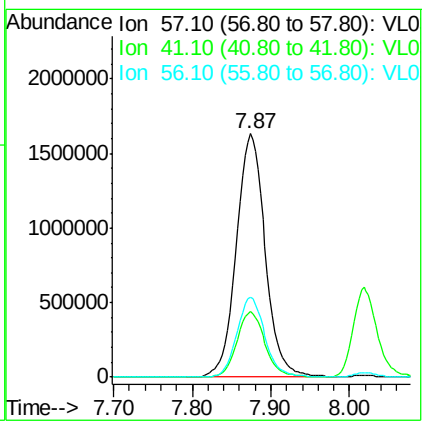


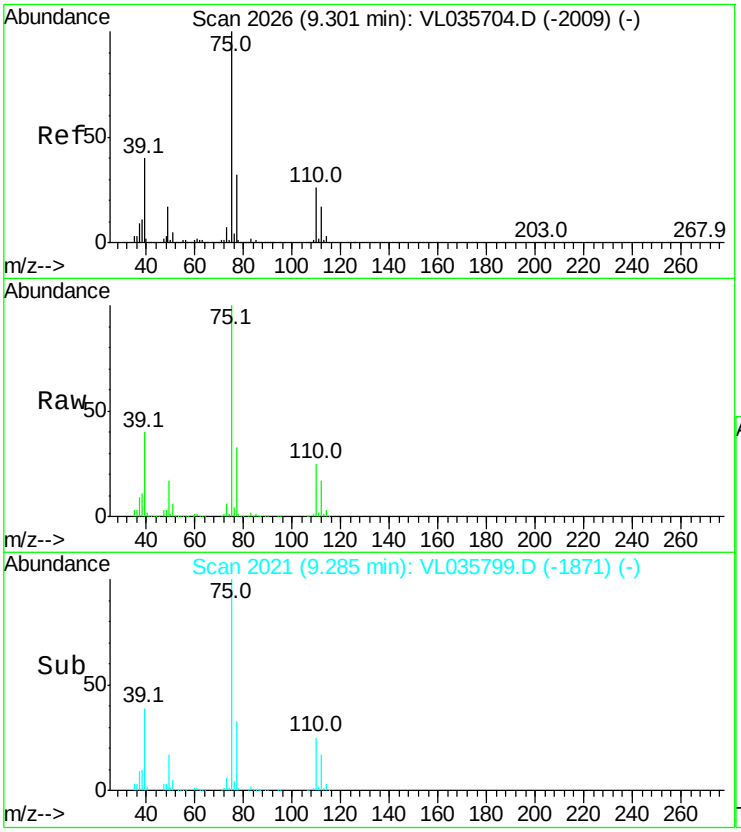


#44
2,2,4-Trimethylpentane
Concen: 9.386 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 57 Resp: 4213897

Ion	Ratio	Lower	Upper
57	100		
41	26.2	21.2	31.8
56	31.7	25.8	38.8



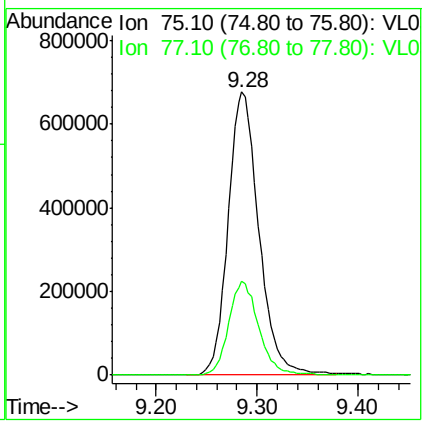


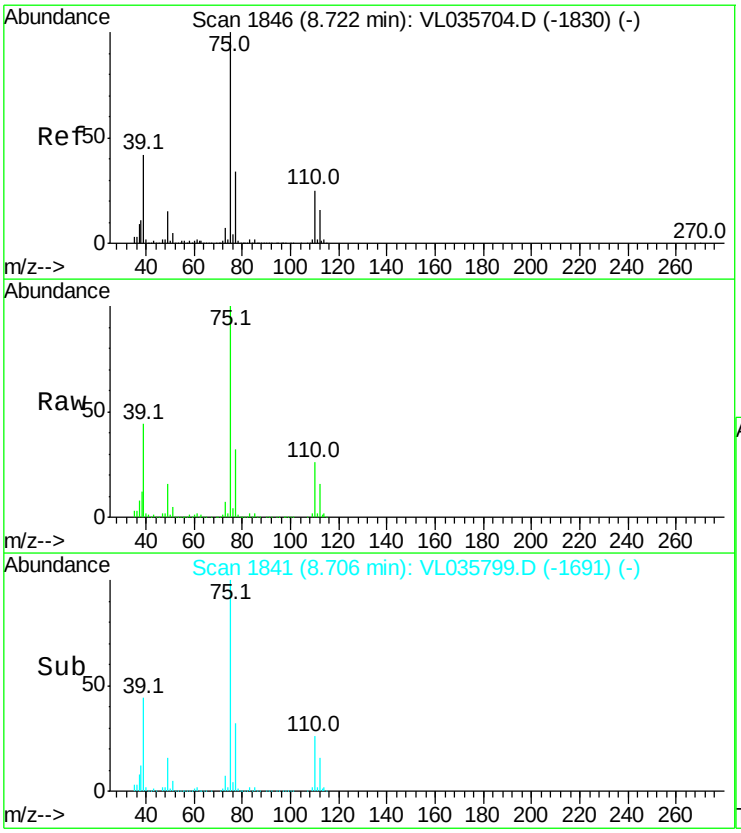
#45
t-1,3-Dichloropropene
Concen: 11.432 ppbv
RT: 9.28 min Scan# 2021
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 75 Resp: 1436215

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.9	38.9

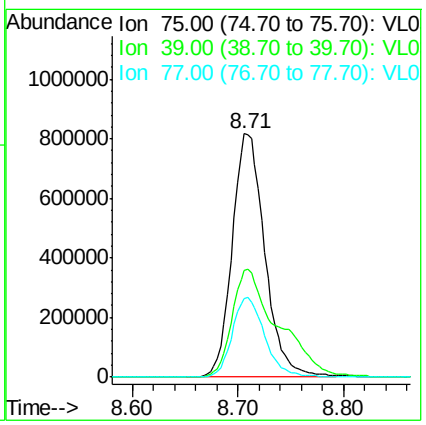


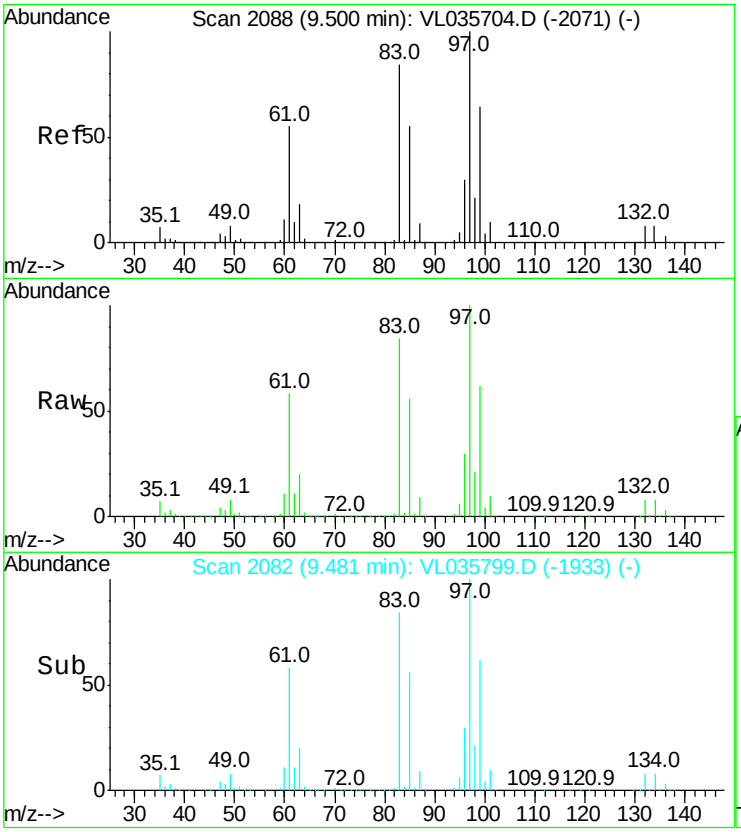


#46
cis-1,3-Dichloropropene
Concen: 11.289 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 75 Resp: 1748291

Ion	Ratio	Lower	Upper
75	100		
39	43.9	33.9	50.9
77	32.1	27.4	41.0



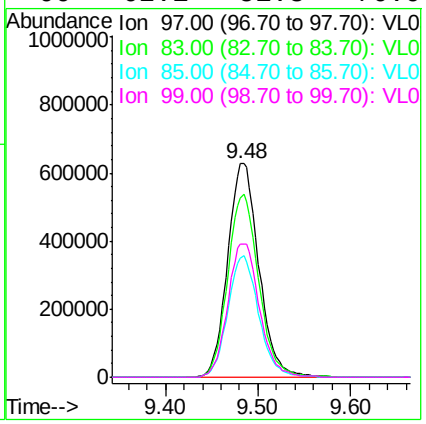


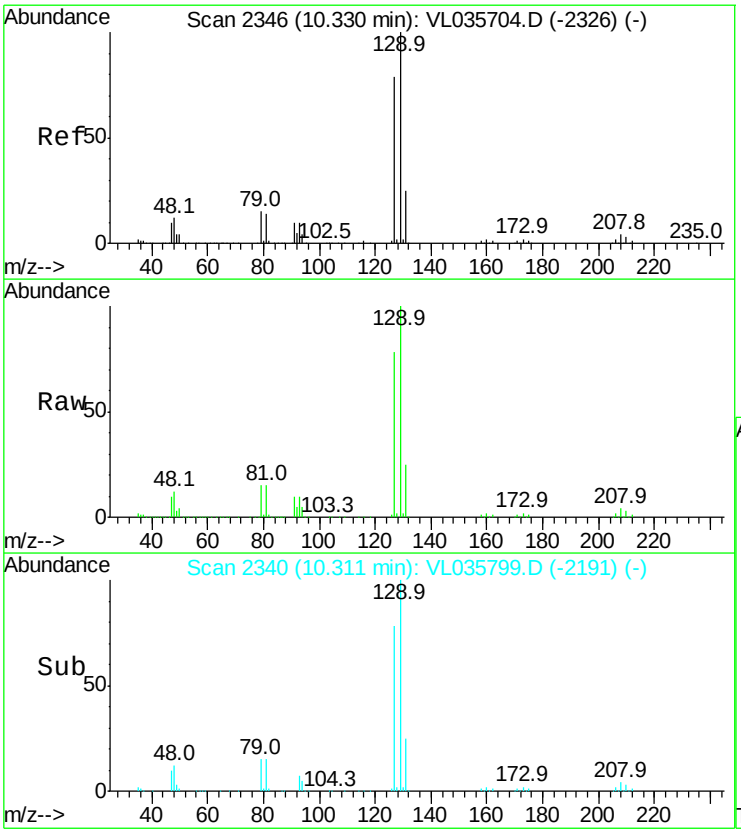
#47
1,1,2-Trichloroethane
Concen: 9.029 ppbv
RT: 9.48 min Scan# 2082
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1466641

Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.1	100.7
85	55.9	43.9	65.9
99	62.1	51.3	76.9

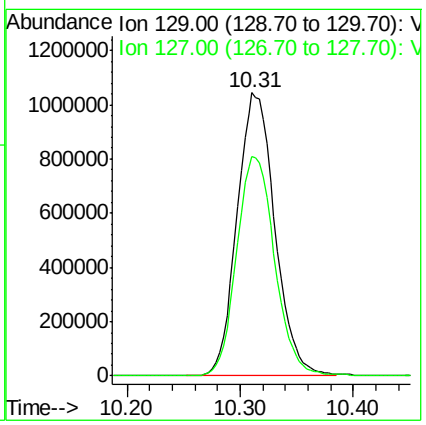


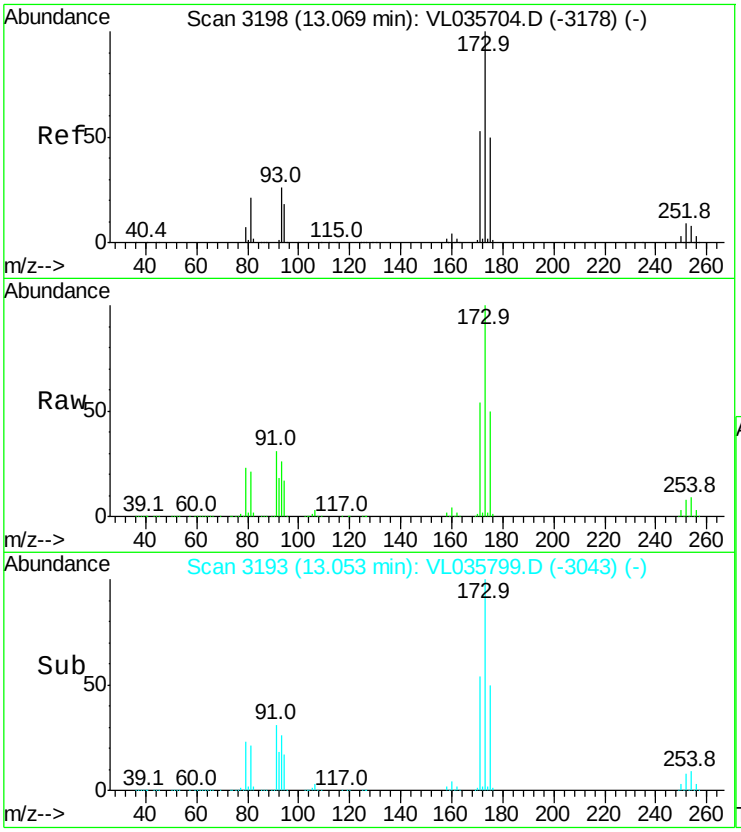


#48
Dibromochloromethane
Concen: 9.818 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:129 Resp: 2427153

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.4	118.1



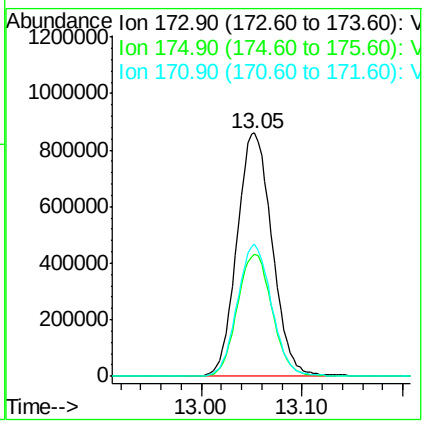


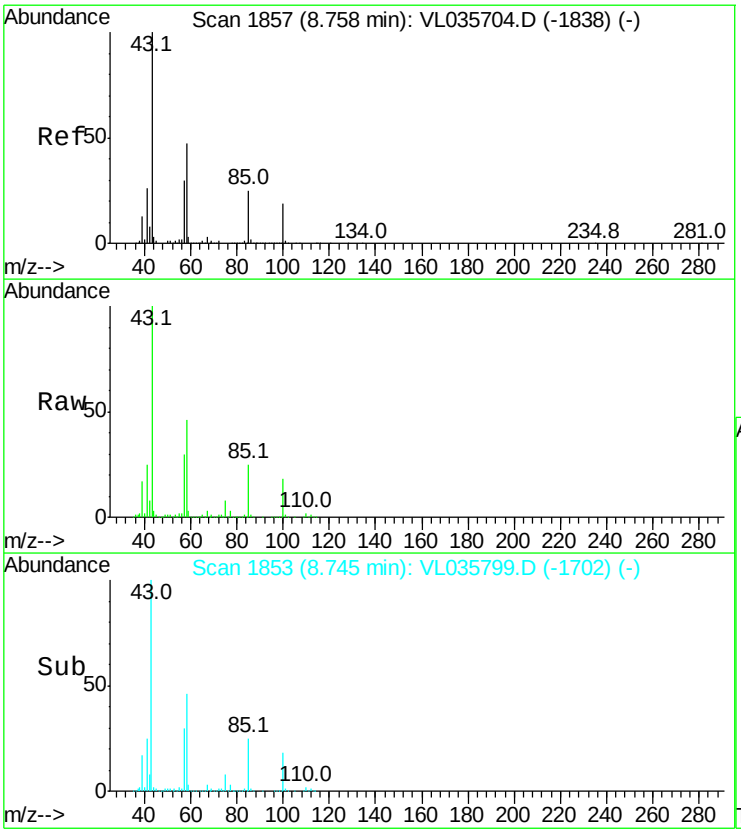
#49
Bromoform
Concen: 9.907 ppbv
RT: 13.05 min Scan# 3193
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 2078262

Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.8	59.6
171	53.2	42.8	64.2

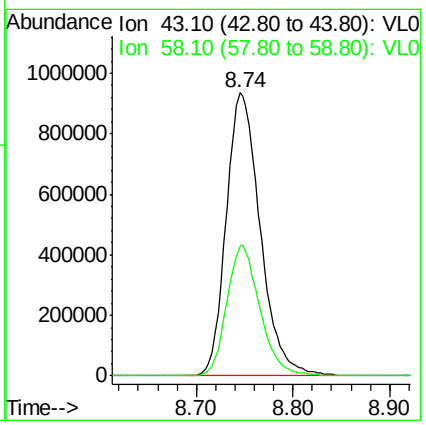


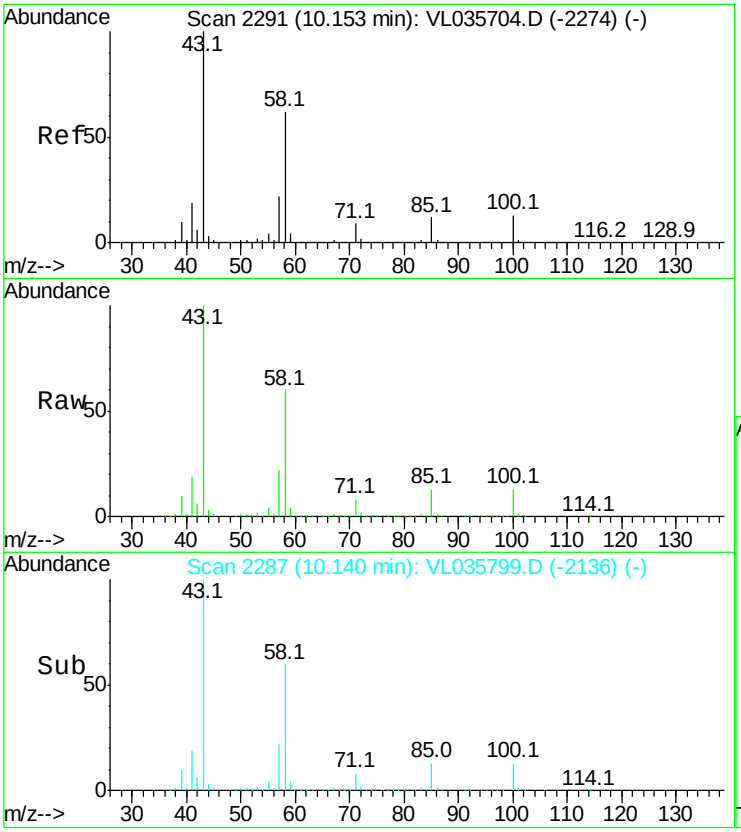


#50
4-Methyl-2-Pentanone
Concen: 9.829 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 43 Resp: 2280087

Ion	Ratio	Lower	Upper
43	100		
58	45.0	36.6	54.8



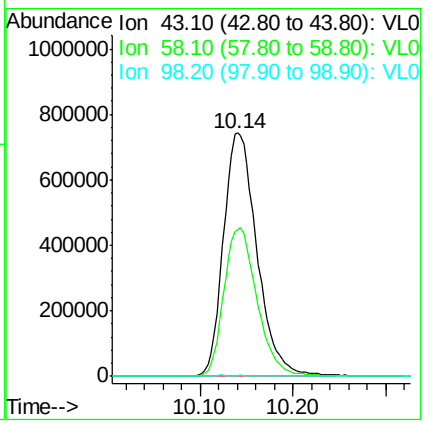


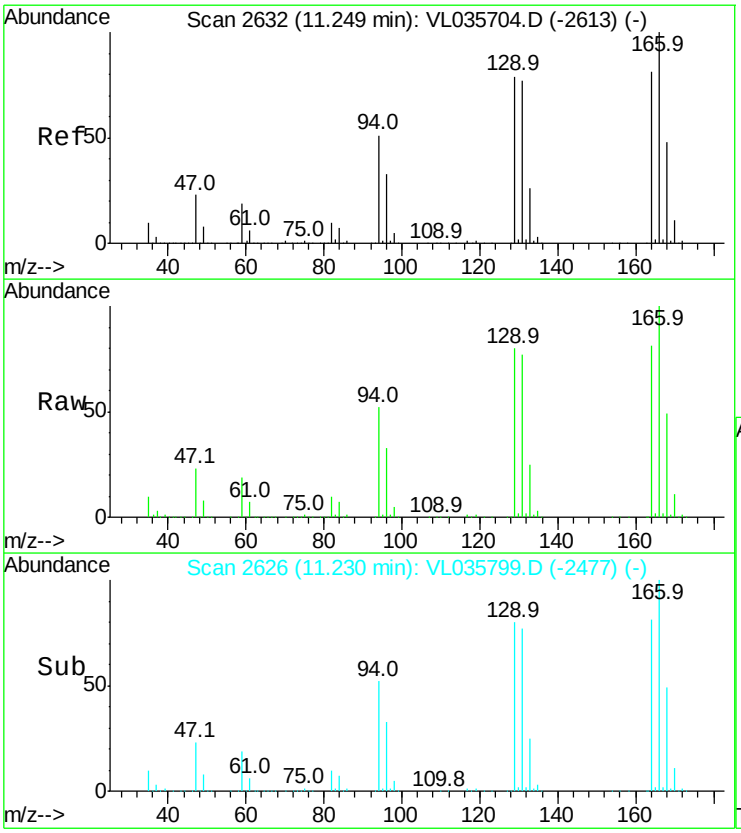
#51
2-Hexanone
Concen: 9.965 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1862506

Ion	Ratio	Lower	Upper
43	100		
58	60.4	48.7	73.1
98	0.7	0.7	1.1#

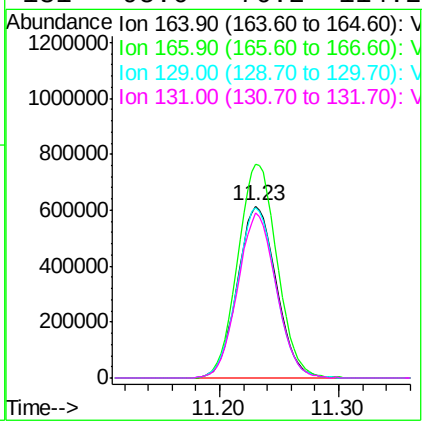


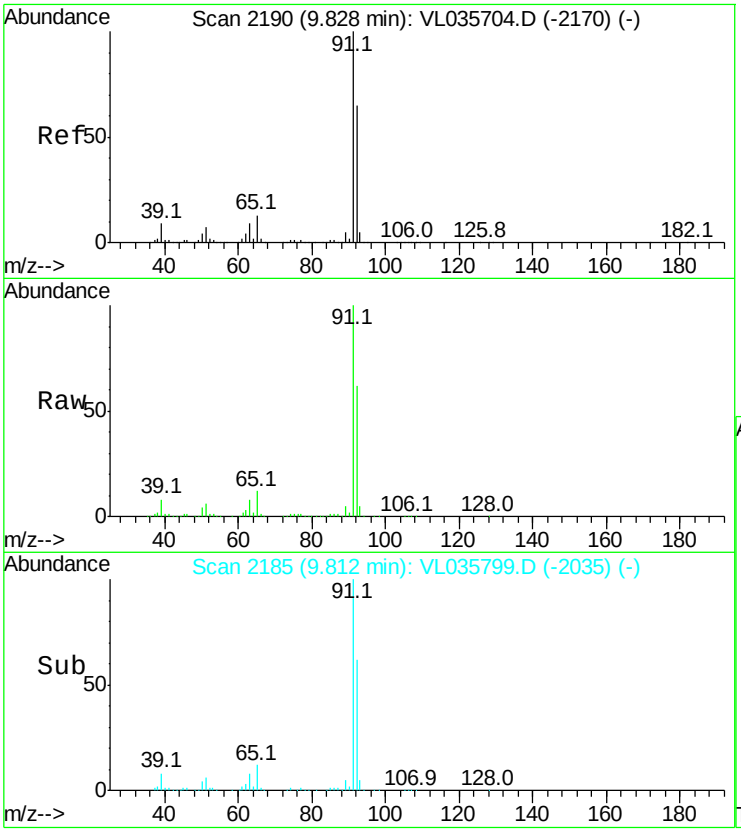


#52
Tetrachloroethene
Concen: 9.244 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:164 Resp: 1390863

Ion	Ratio	Lower	Upper
164	100		
166	124.1	98.7	148.1
129	99.1	78.4	117.6
131	95.6	76.2	114.2



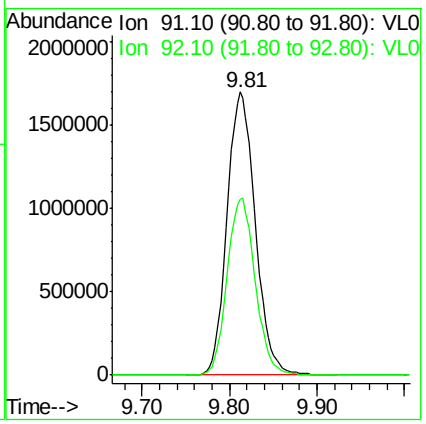


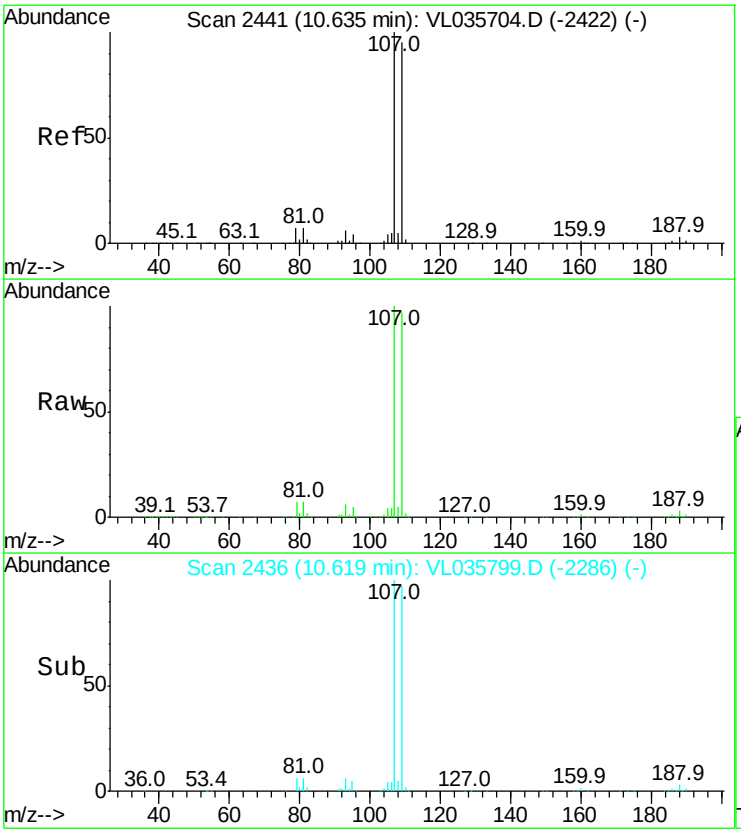
#53
Toluene
Concen: 10.336 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3813582

Ion	Ratio	Lower	Upper
91	100		
92	62.2	50.0	75.0

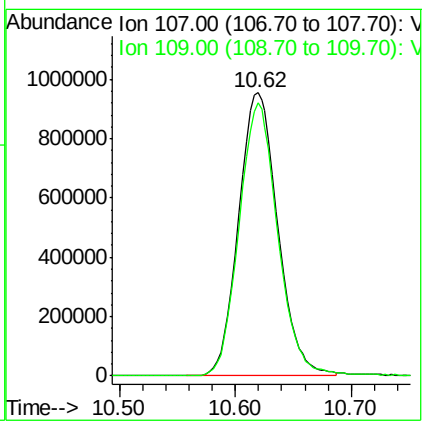


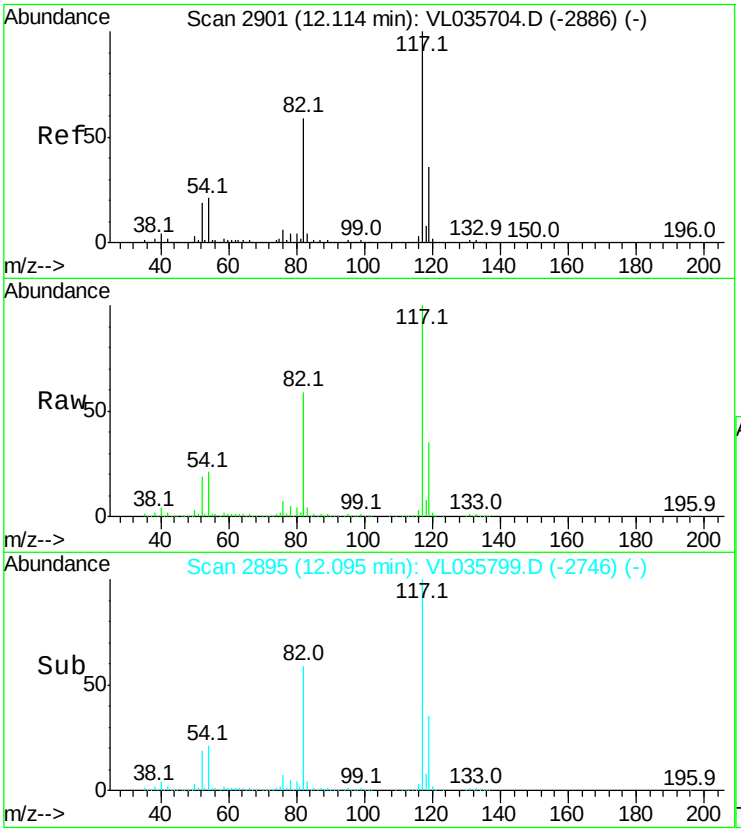


#54
1,2-Dibromoethane
Concen: 9.232 ppbv
RT: 10.62 min Scan# 2436
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:107 Resp: 2245515

Ion	Ratio	Lower	Upper
107	100		
109	96.5	76.0	114.0



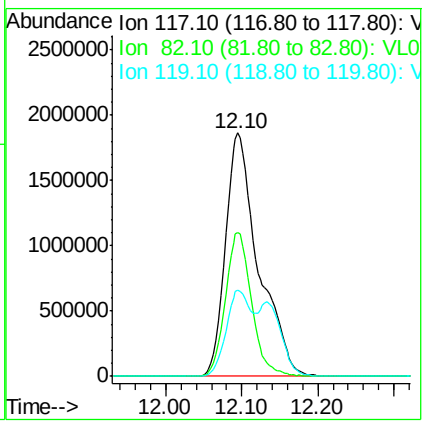


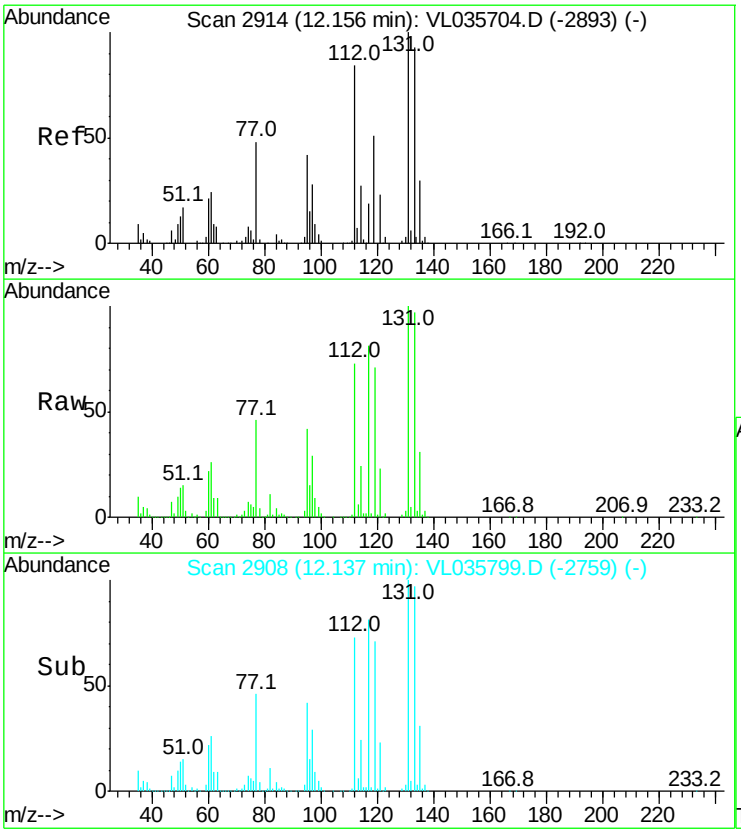
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 5615902

Ion	Ratio	Lower	Upper
117	100		
82	47.0	46.1	69.1
119	48.8	28.0	42.0#

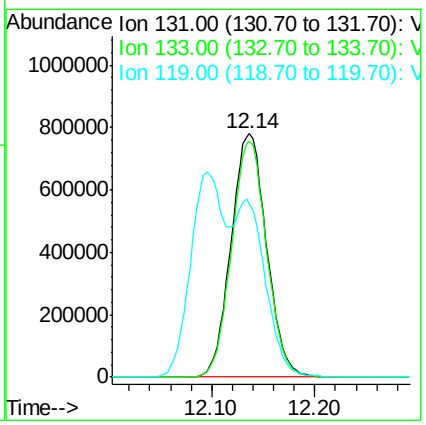


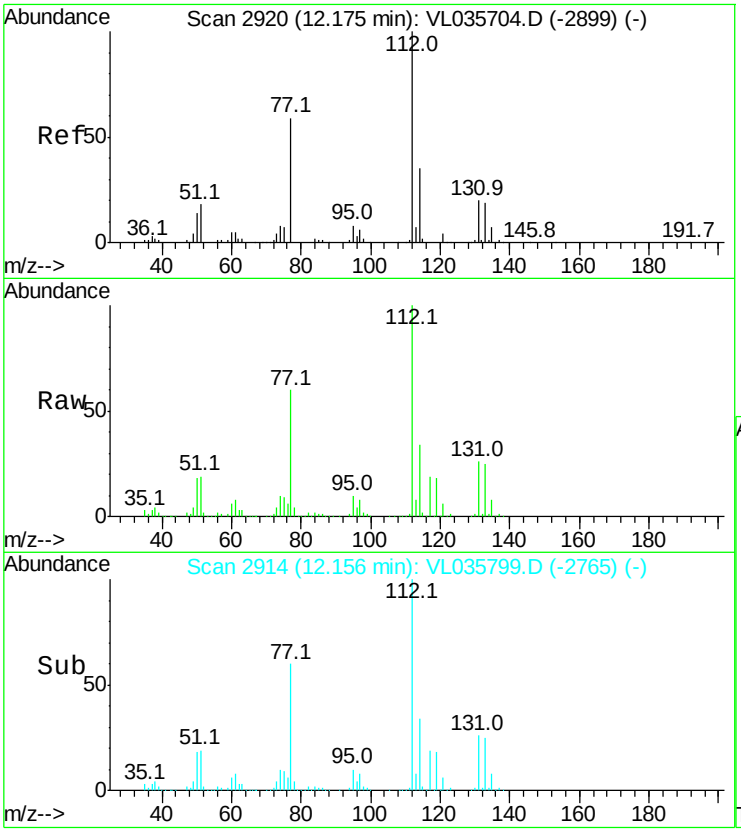


#56
1,1,1,2-Tetrachloroethane
Concen: 7.923 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:131 Resp: 1865585

Ion	Ratio	Lower	Upper
131	100		
133	96.0	76.2	114.4
119	59.2	52.4	78.6



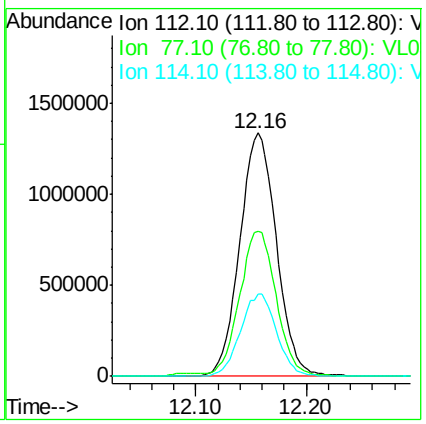


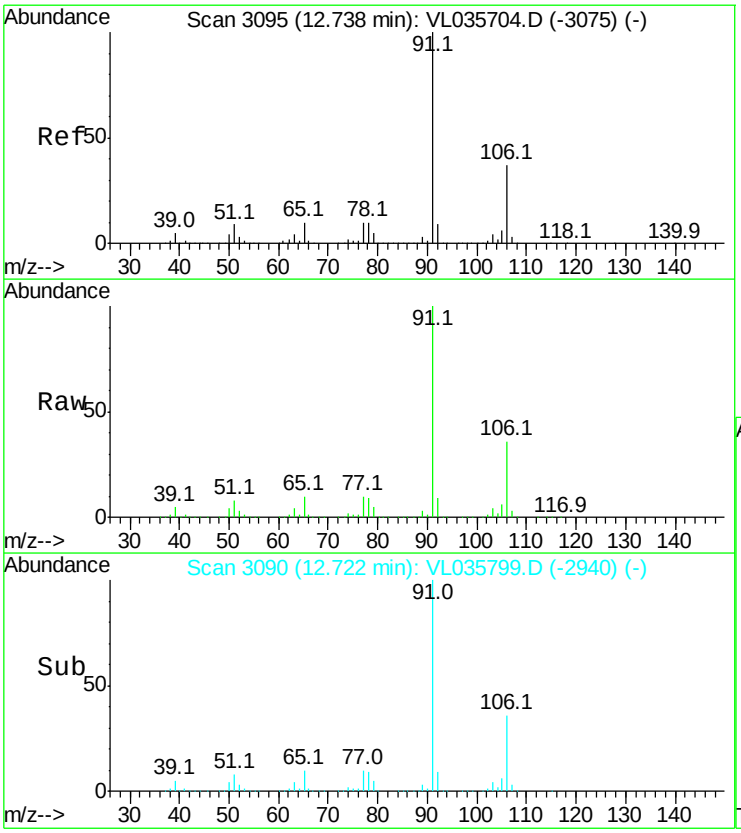
#57
Chlorobenzene
Concen: 7.238 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:112 Resp: 3070327

Ion	Ratio	Lower	Upper
112	100		
77	59.4	48.2	72.2
114	33.7	31.9	39.1

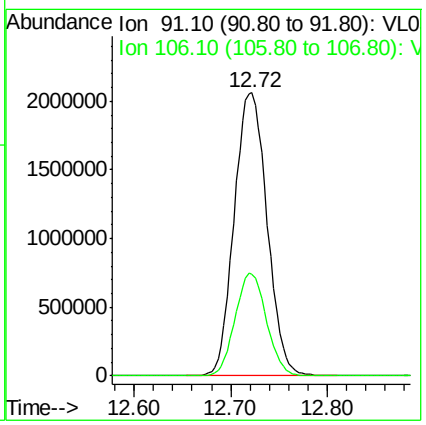


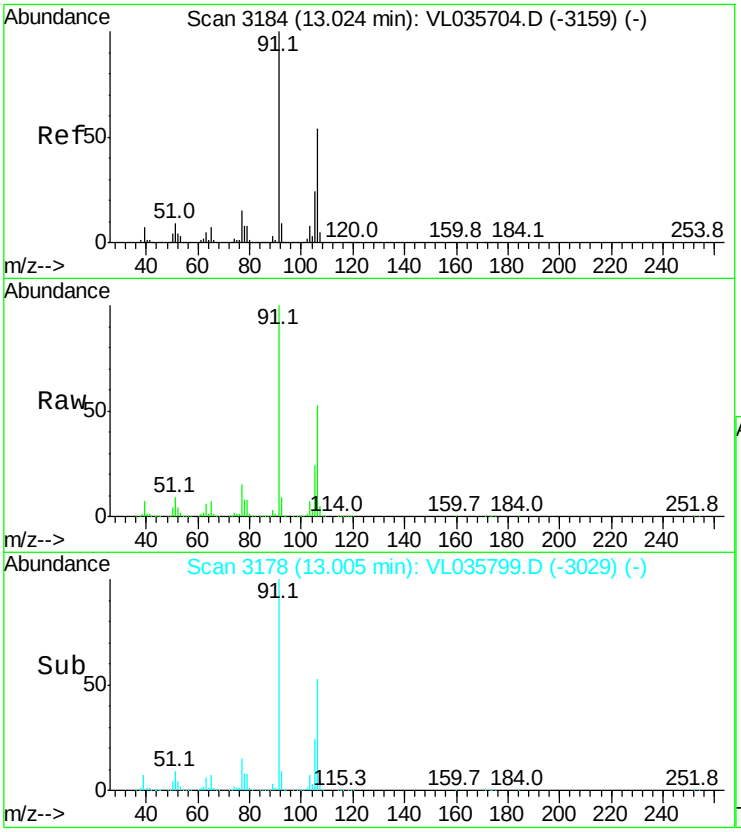


#58
Ethyl Benzene
Concen: 8.633 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 91 Resp: 4866284

Ion	Ratio	Lower	Upper
91	100		
106	35.8	29.7	44.5



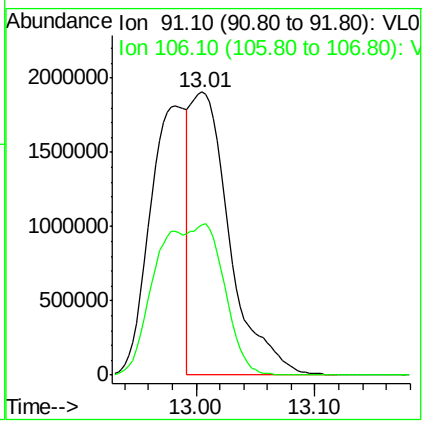


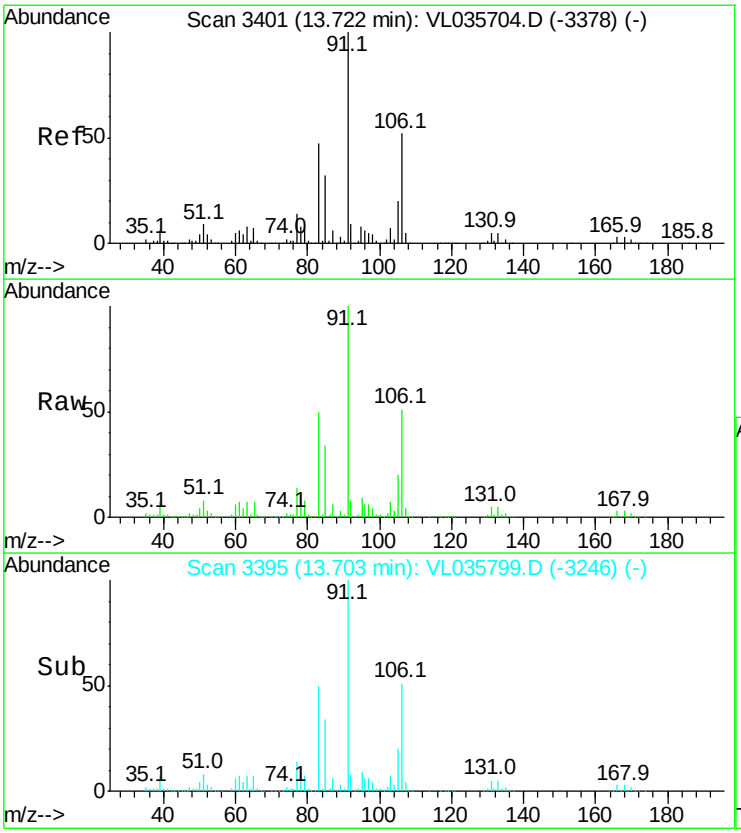
#59
m/p-Xylene
Concen: 8.864 ppbv
RT: 13.01 min Scan# 3178
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4363294

Ion	Ratio	Lower	Upper
91	100		
106	92.9	41.4	62.0#

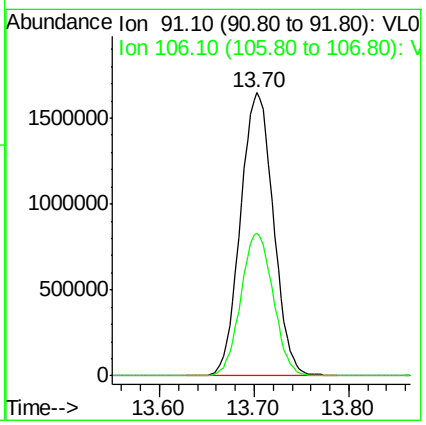


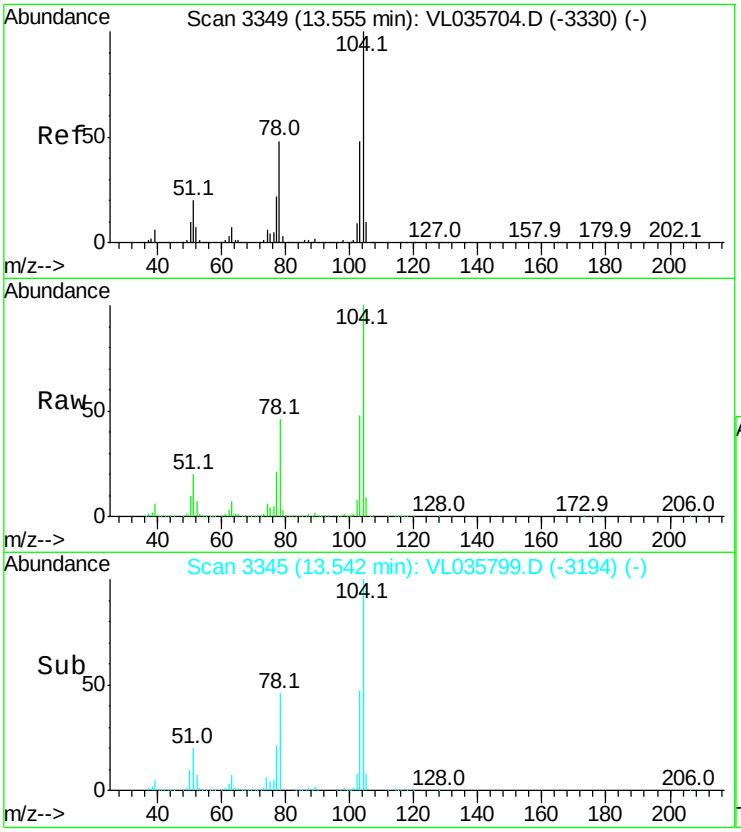


#60
o-Xylene
Concen: 7.987 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 91 Resp: 3976827

Ion	Ratio	Lower	Upper
91	100		
106	49.6	25.0	75.0



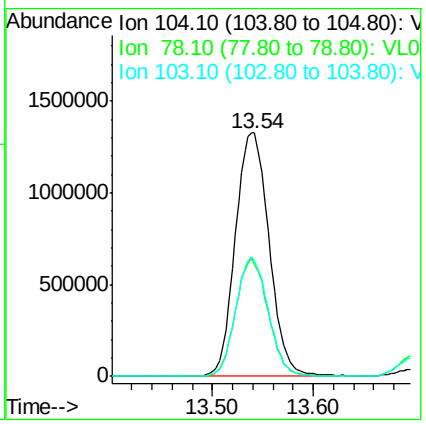


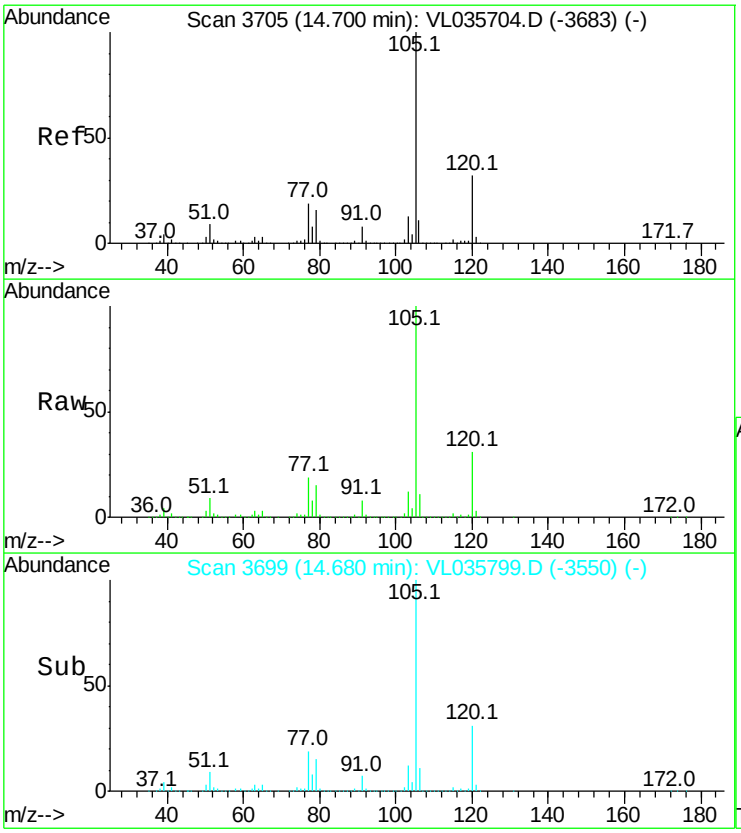
#61
Styrene
Concen: 8.944 ppbv
RT: 13.54 min Scan# 3345
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 3079375

Ion	Ratio	Lower	Upper
104	100		
78	46.4	37.2	55.8
103	47.4	38.2	57.2

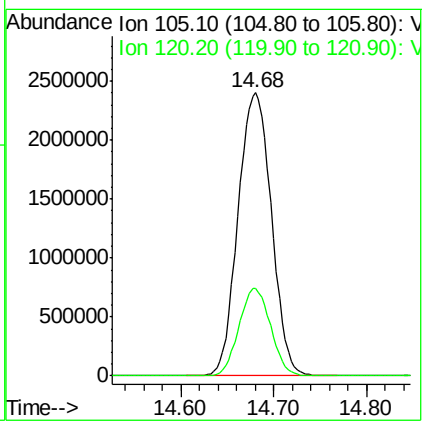


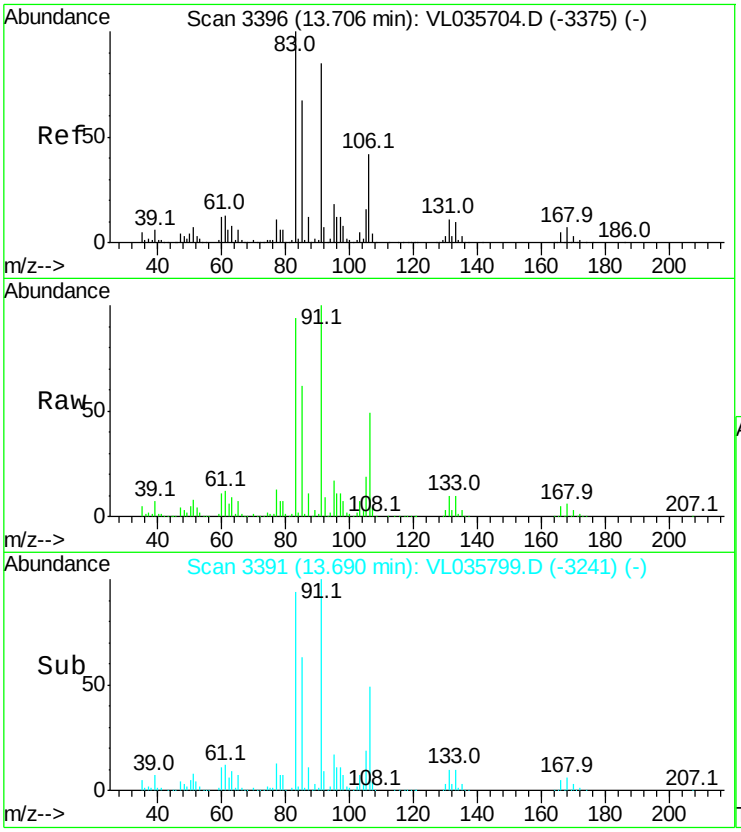


#62
Isopropylbenzene
Concen: 7.761 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:105 Resp: 5994220

Ion	Ratio	Lower	Upper
105	100		
120	29.4	24.1	36.1



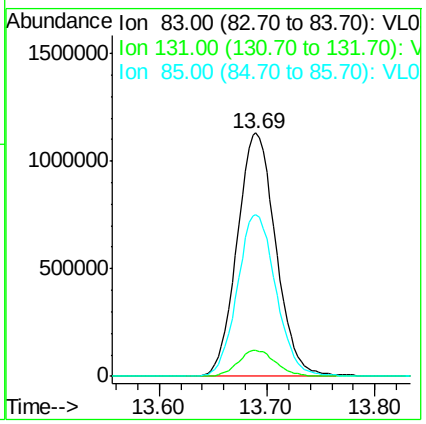


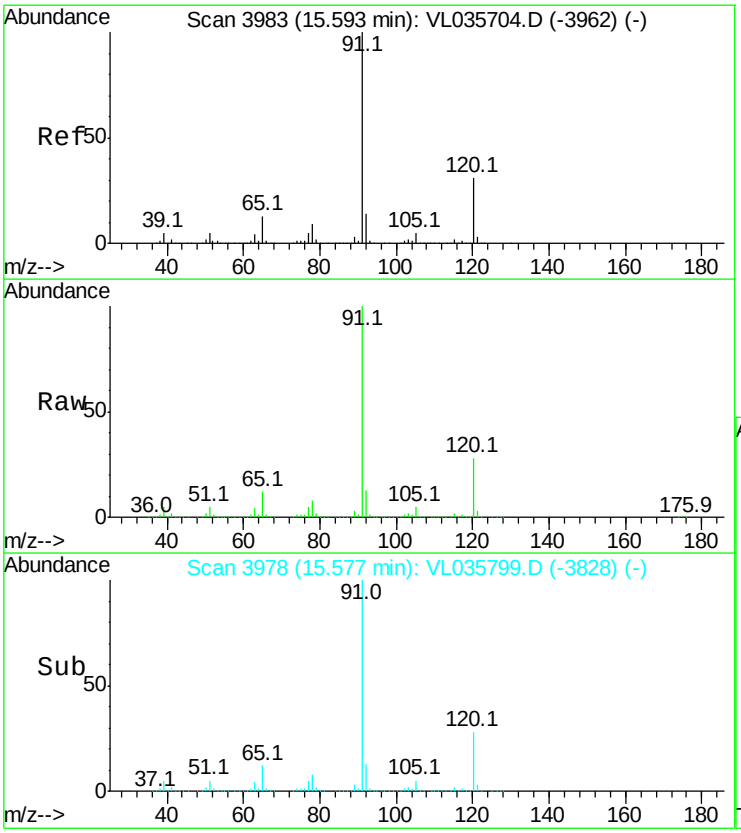
#63
1,1,2,2-Tetrachloroethane
Concen: 6.894 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 83 Resp: 2814774

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	16.1
85	66.9	33.4	100.2

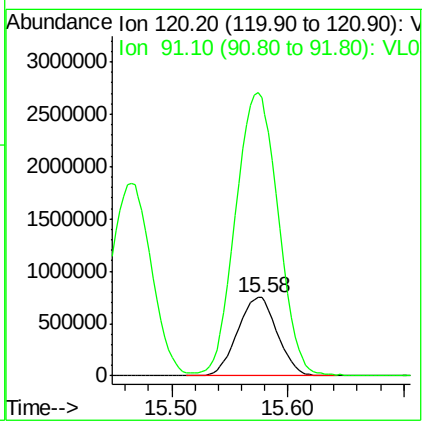


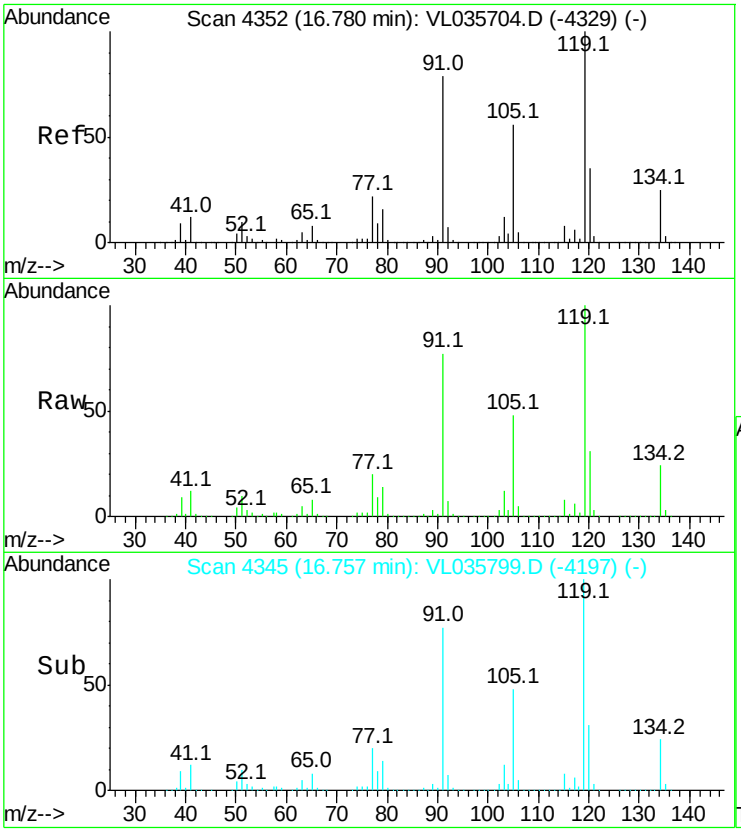


#64
n-propylbenzene
Concen: 7.870 ppbv
RT: 15.58 min Scan# 3978
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:120 Resp: 1779083

Ion	Ratio	Lower	Upper
120	100		
91	388.9	300.4	450.6



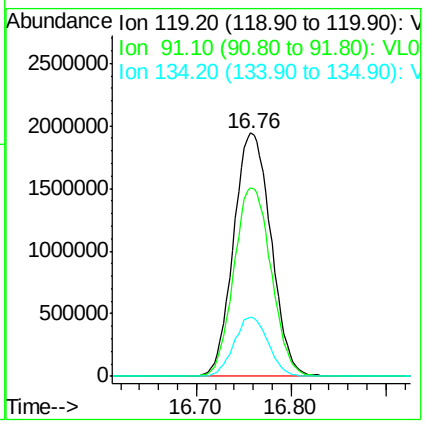


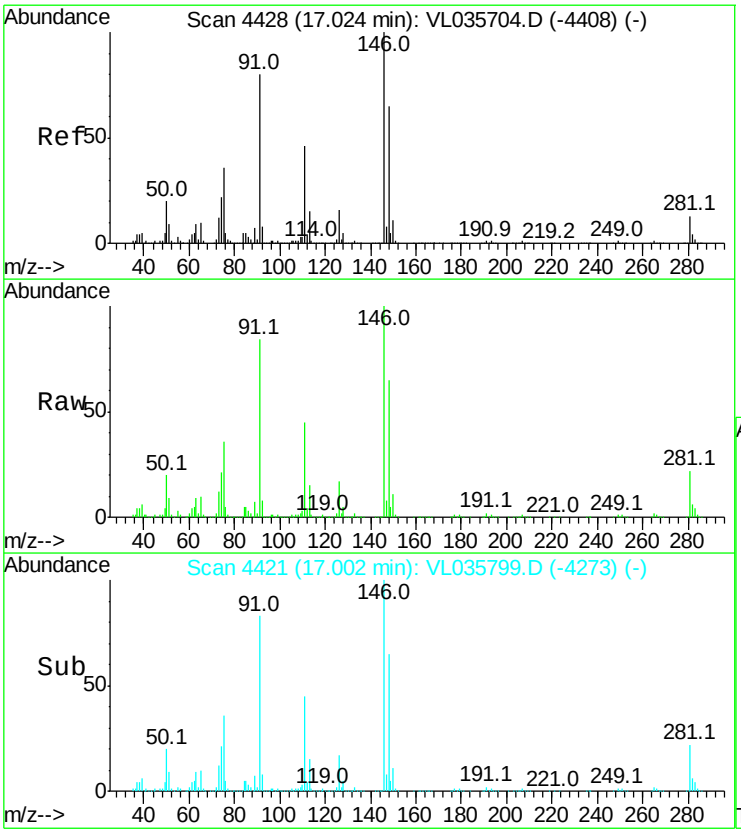
#65
tert-Butylbenzene
Concen: 7.594 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 5332554

Ion	Ratio	Lower	Upper
119	100		
91	77.5	62.4	93.6
134	22.3	18.2	27.2

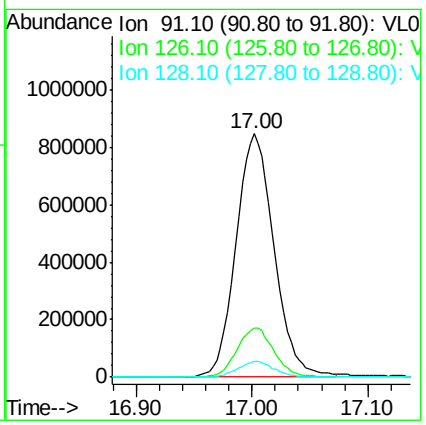


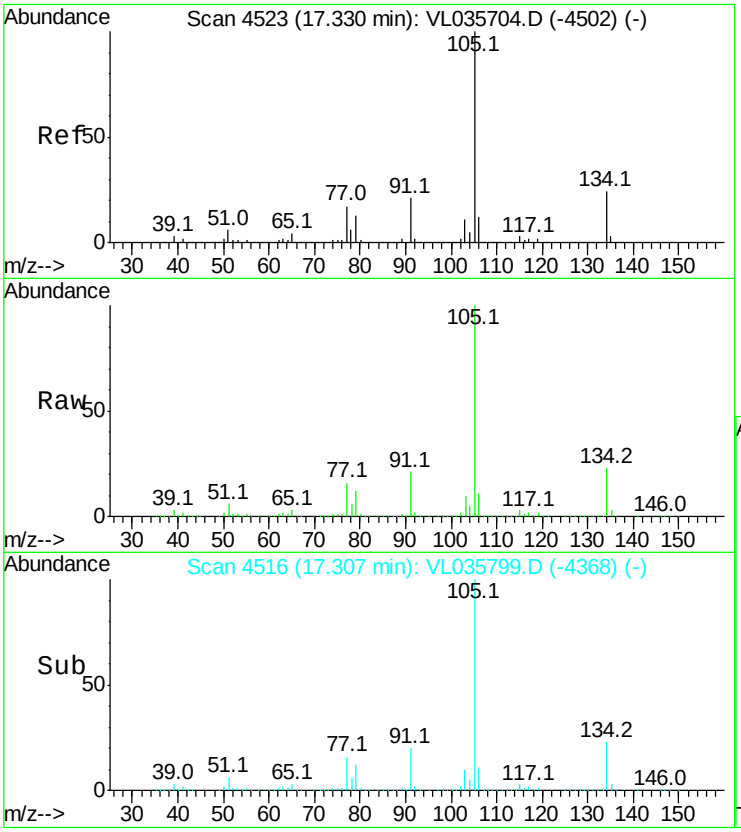


#66
Benzyl Chloride
Concen: 9.029 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 91 Resp: 1921017

Ion	Ratio	Lower	Upper
91	100		
126	20.0	15.3	22.9
128	6.2	5.0	7.4



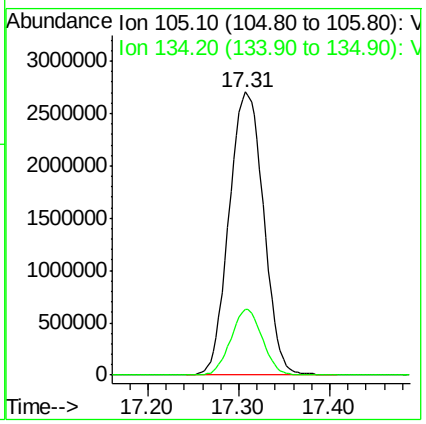


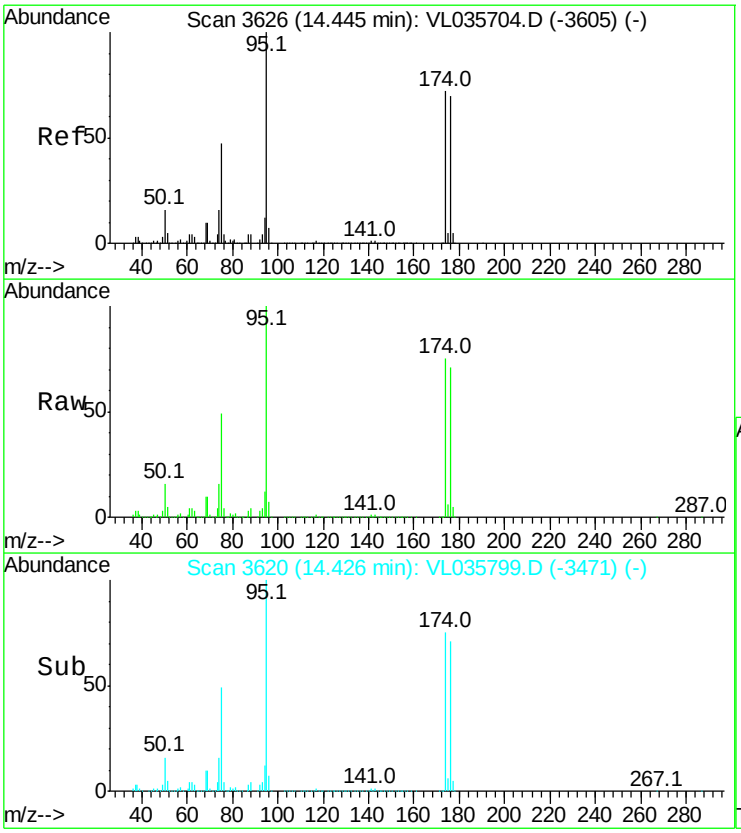
#67
sec-Butylbenzene
Concen: 7.352 ppbv
RT: 17.31 min Scan# 4516
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 7128857

Ion	Ratio	Lower	Upper
105	100		
134	21.3	17.6	26.4

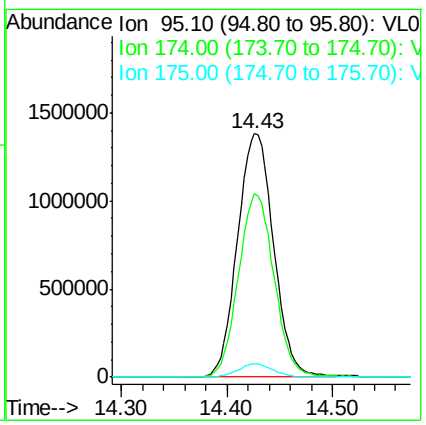


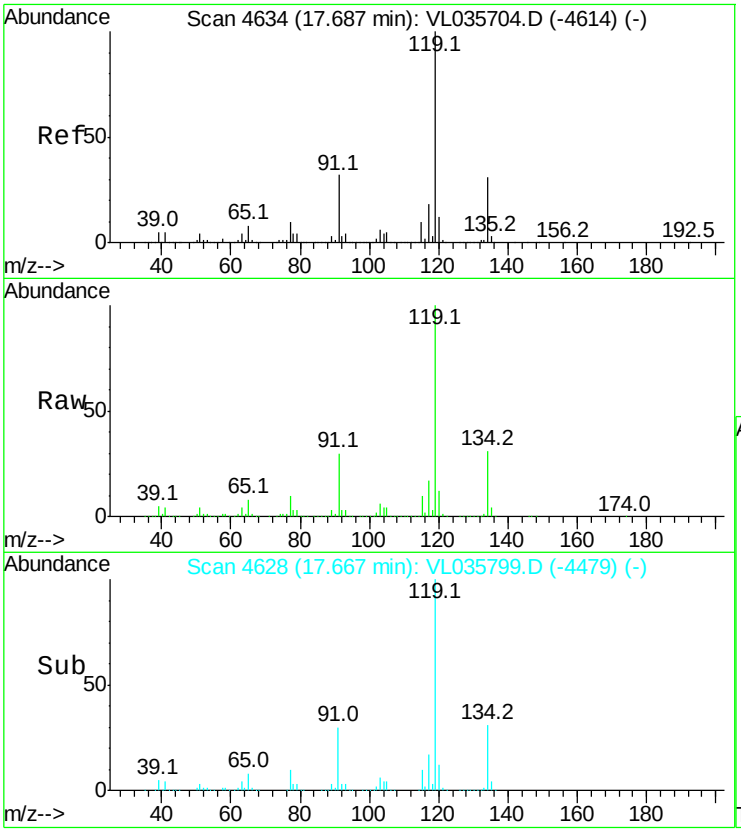


#68
1-Bromo-4-Fluorobenzene
Concen: 7.826 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 95 Resp: 3293410

Ion	Ratio	Lower	Upper
95	100		
174	74.7	59.6	89.4
175	5.4	4.2	6.4



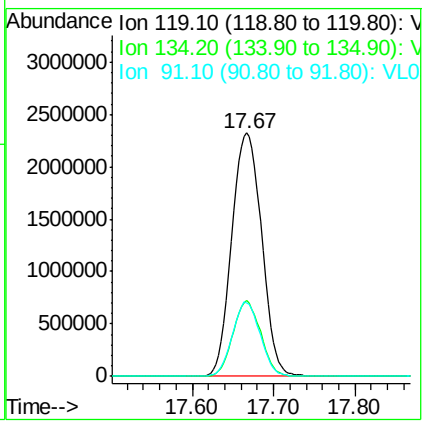


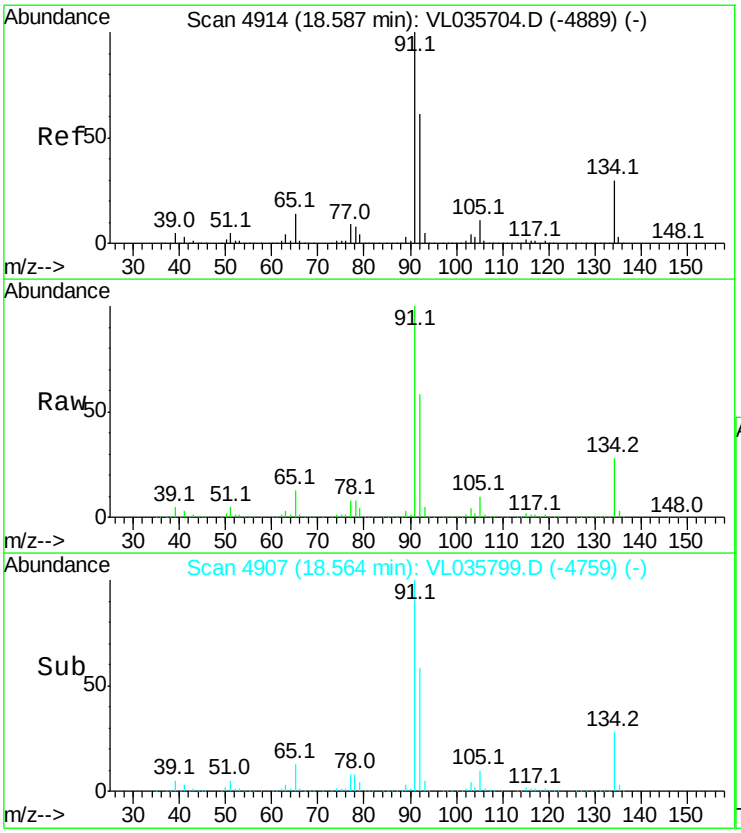
#69
p-Isopropyltoluene
Concen: 7.492 ppbv
RT: 17.67 min Scan# 4628
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 5910560

Ion	Ratio	Lower	Upper
119	100		
134	28.8	23.9	35.9
91	28.5	23.8	35.6

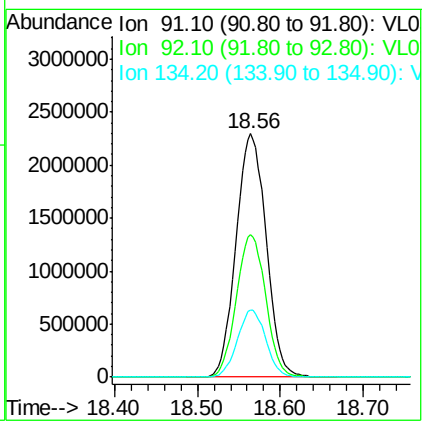


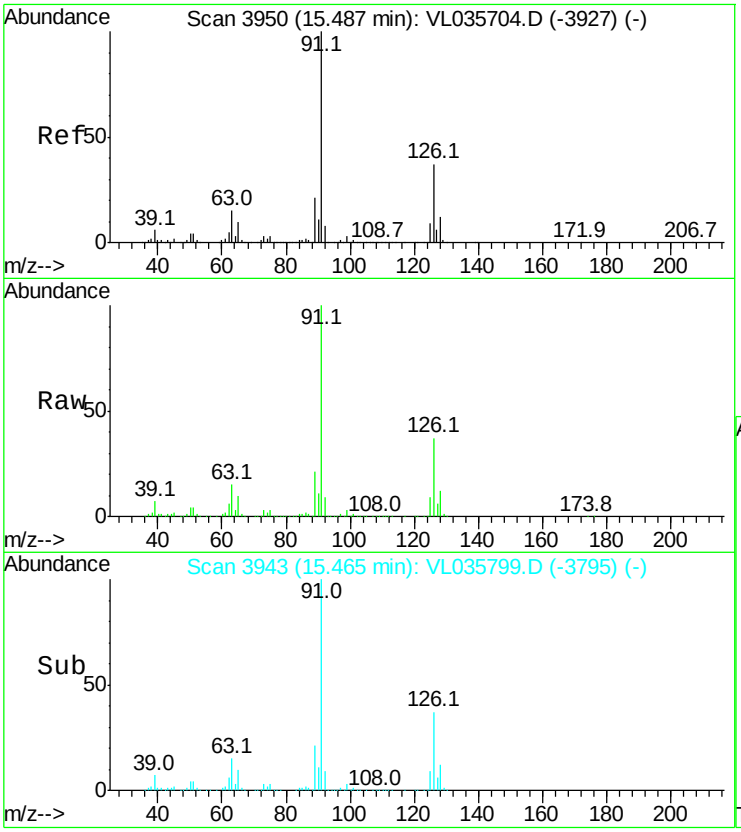


#70
n-Butylbenzene
Concen: 7.132 ppbv
RT: 18.56 min Scan# 4907
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion: 91 Resp: 5794132

Ion	Ratio	Lower	Upper
91	100		
92	57.1	47.0	70.4
134	26.2	21.9	32.9



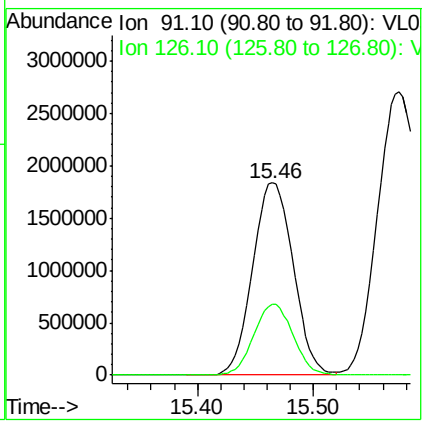


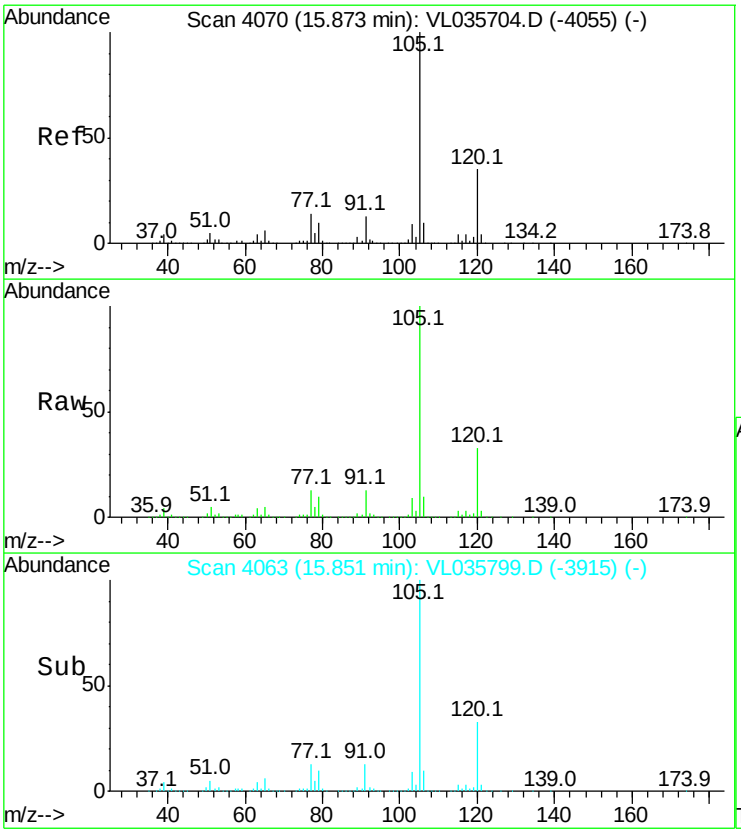
#71
2-Chlorotoluene
Concen: 7.958 ppbv
RT: 15.46 min Scan# 3943
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4483095

Ion	Ratio	Lower	Upper
91	100		
126	35.7	14.4	57.4

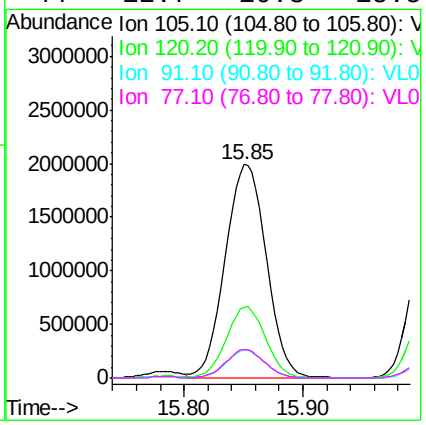


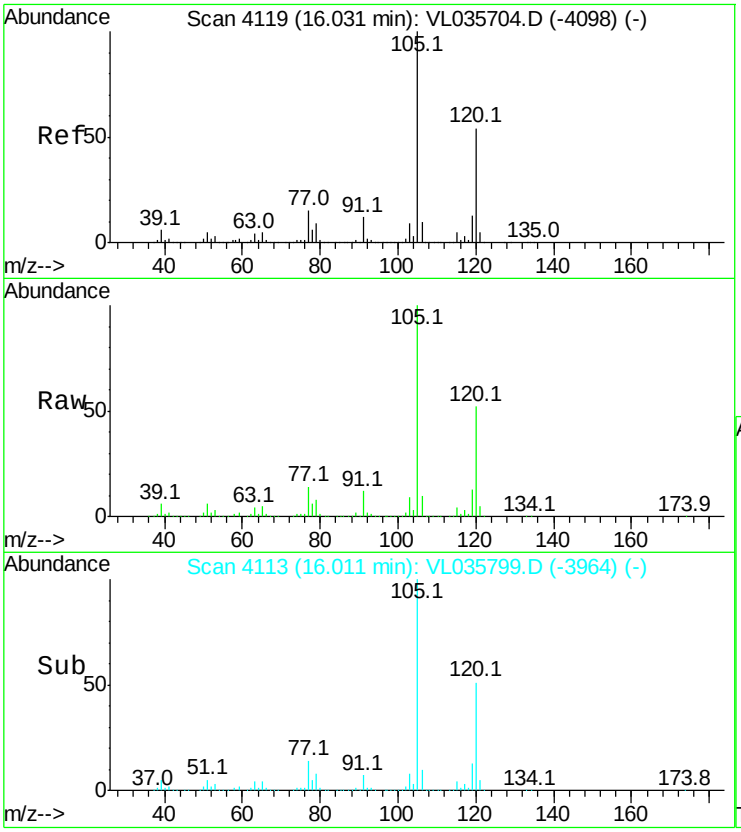


#72
4-Ethyltoluene
Concen: 8.026 ppbv
RT: 15.85 min Scan# 4063
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:105 Resp: 4734524

Ion	Ratio	Lower	Upper
105	100		
120	32.4	26.5	39.7
91	12.4	10.2	15.2
77	12.7	10.3	15.5



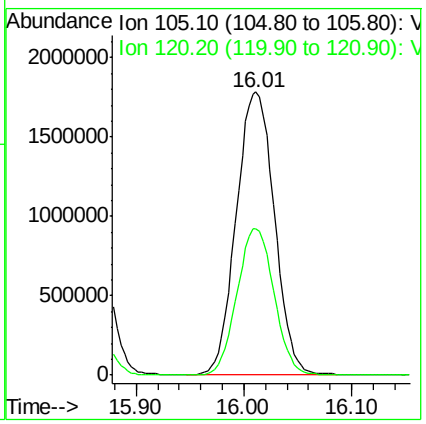


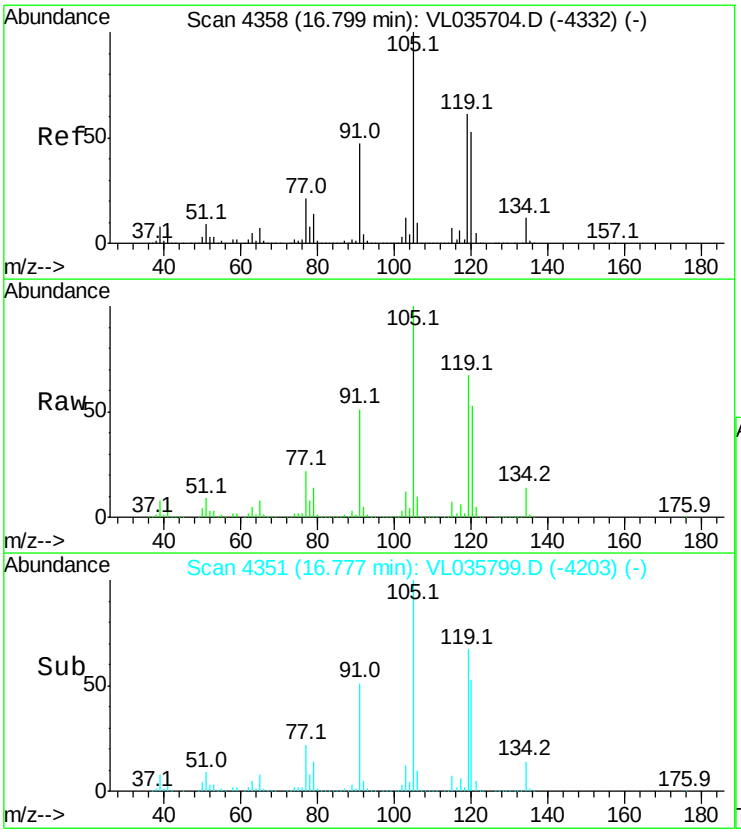
#73
1,3,5-Trimethylbenzene
Concen: 7.806 ppbv
RT: 16.01 min Scan# 4113
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4351362

Ion	Ratio	Lower	Upper
105	100		
120	51.8	43.0	64.4

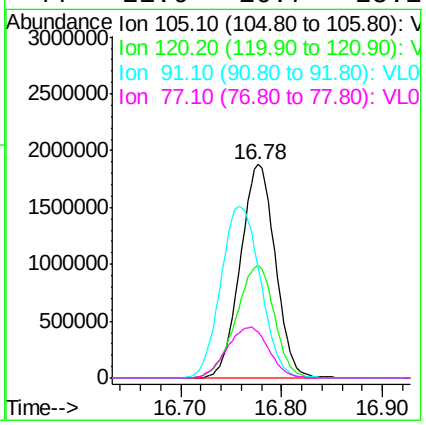


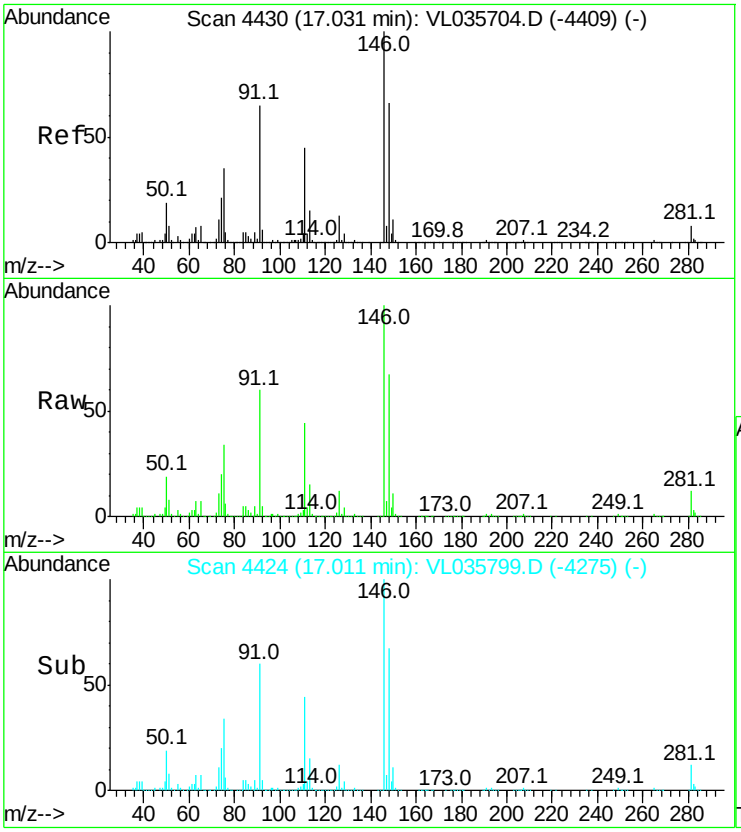


#74
1,2,4-Trimethylbenzene
Concen: 7.151 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:105 Resp: 4493445

Ion	Ratio	Lower	Upper
105	100		
120	52.5	42.5	63.7
91	51.3	37.7	56.5
77	21.6	16.7	25.1



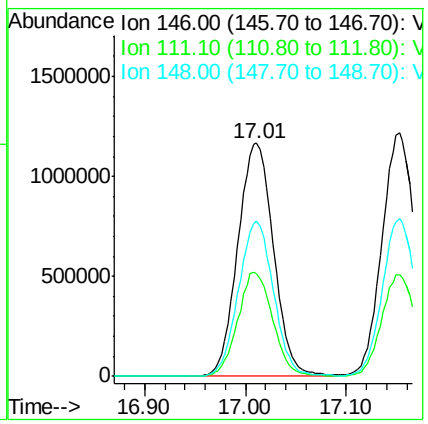


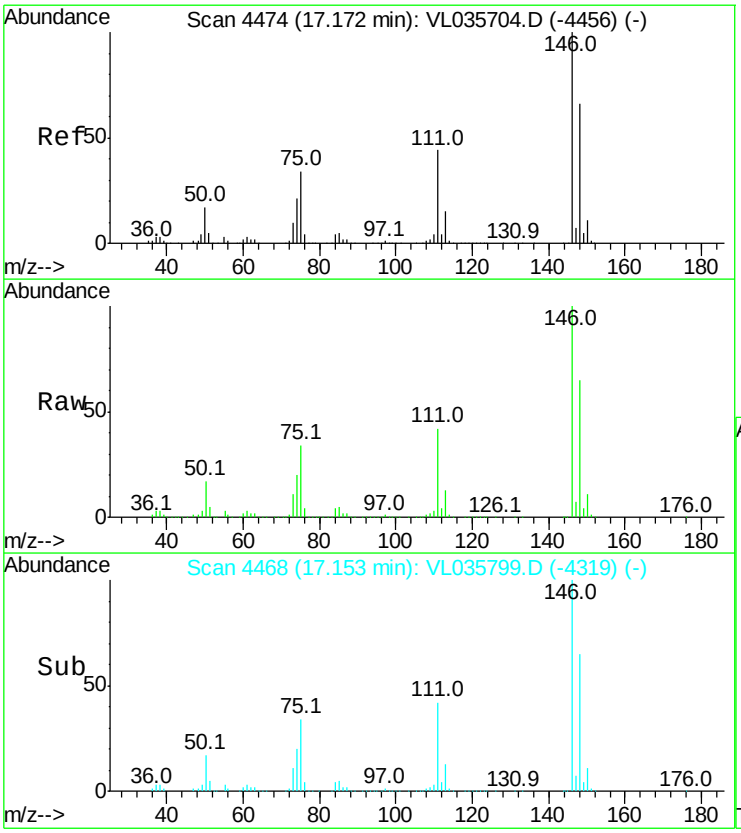
#75
1,3-Dichlorobenzene
Concen: 6.694 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:146 Resp: 2871840

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.4	67.0
148	65.0	33.0	99.0

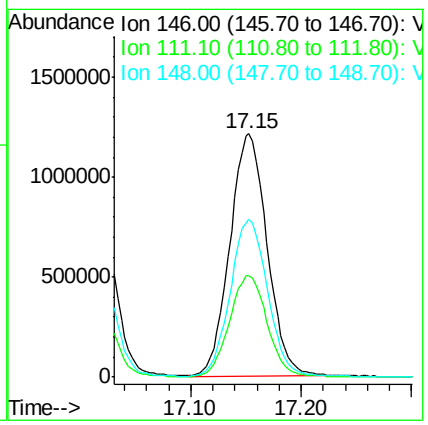


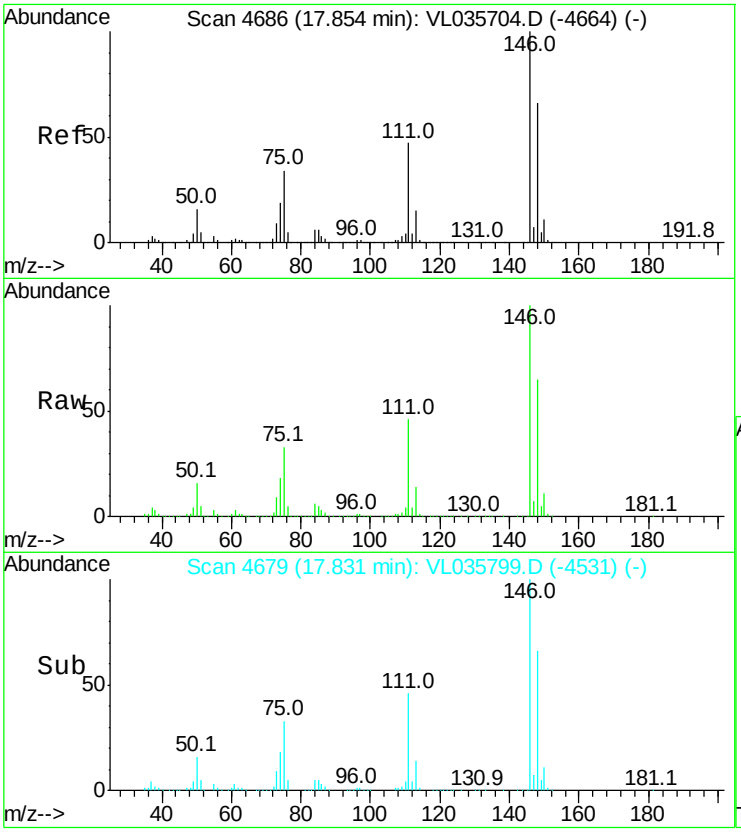


#76
1,4-Dichlorobenzene
Concen: 6.909 ppbv
RT: 17.15 min Scan# 4468
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:146 Resp: 2833248

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	66.0	32.6	98.0



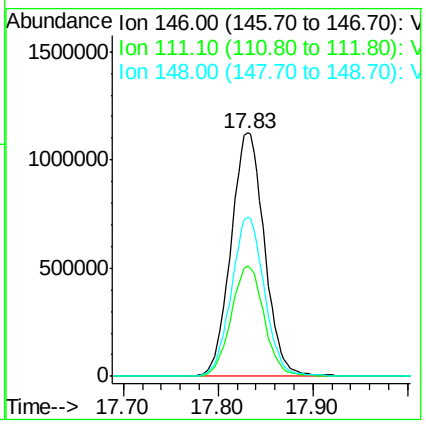


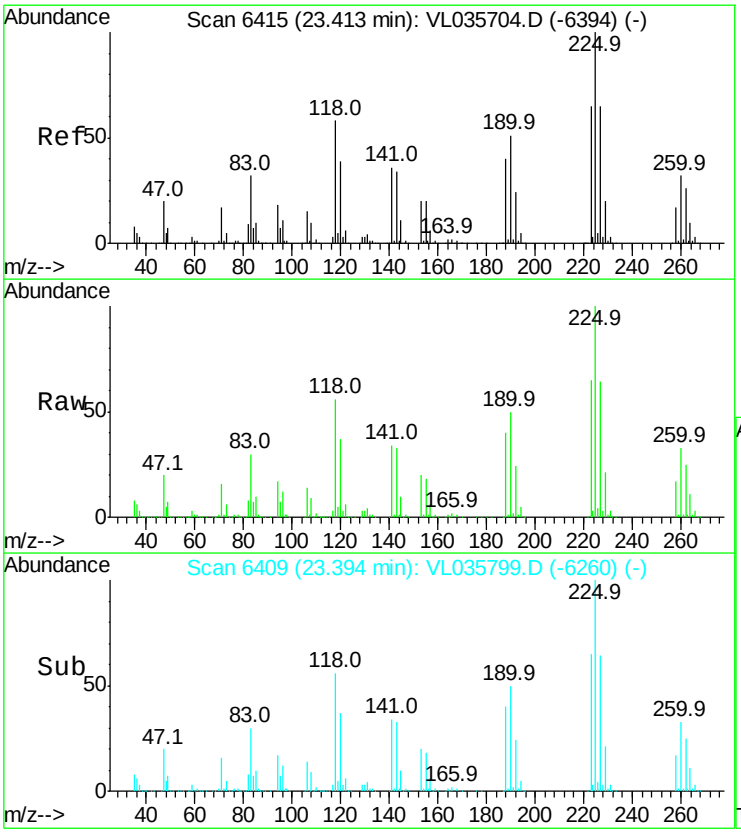
#77
1,2-Dichlorobenzene
Concen: 6.804 ppbv
RT: 17.83 min Scan# 4679
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:146 Resp: 2757096

Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.9	68.5
148	65.0	32.6	98.0

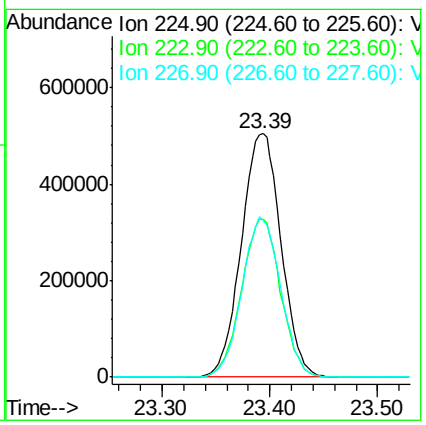


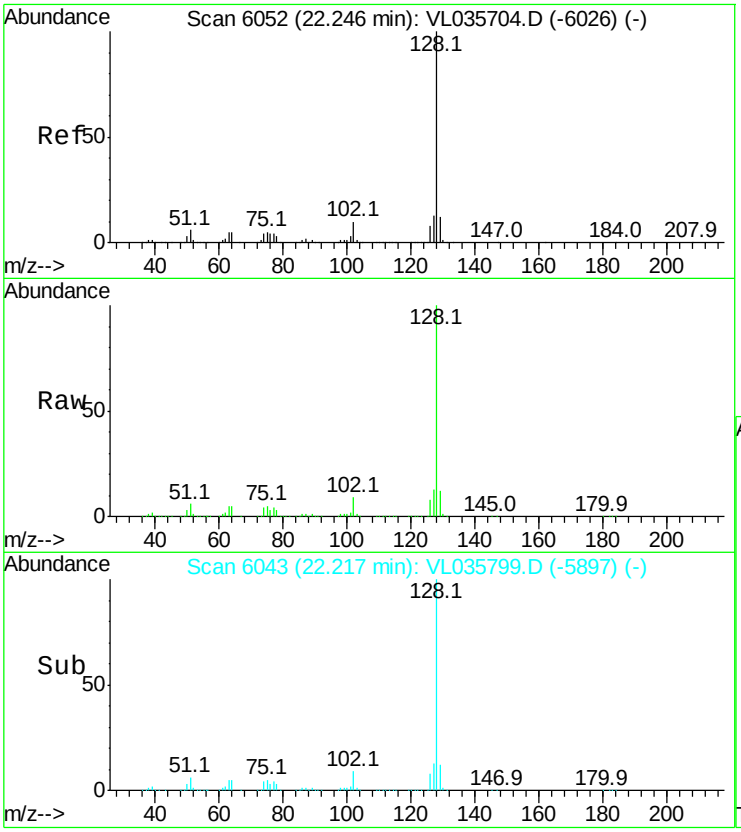


#78
Hexachloro-1,3-Butadiene
Concen: 5.766 ppbv
RT: 23.39 min Scan# 6409
Delta R.T. -0.02 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:225 Resp: 1289044

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.3	76.9
227	64.0	51.6	77.4



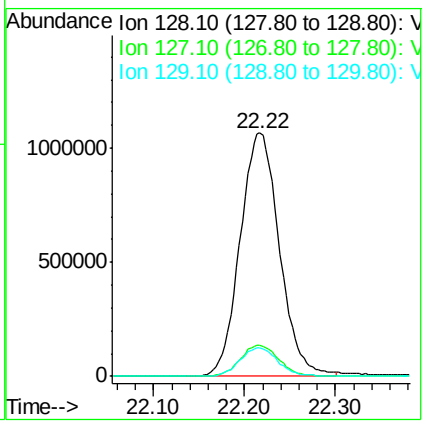


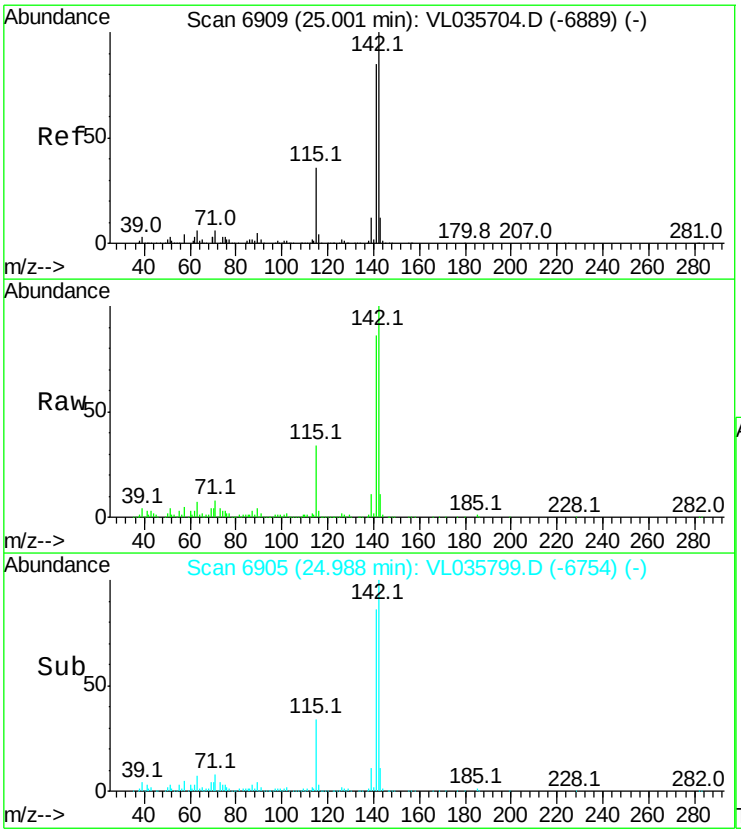
#79
Naphthalene
Concen: 5.327 ppbv
RT: 22.22 min Scan# 6043
Delta R.T. -0.03 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 3192439

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.5	9.4	14.0

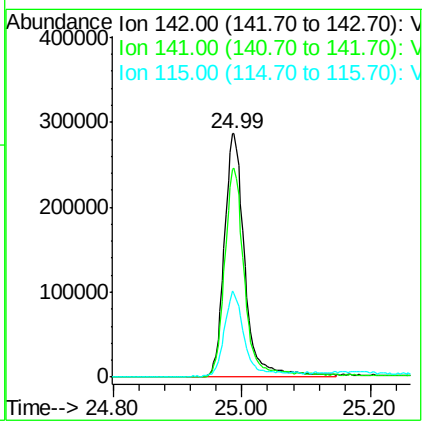


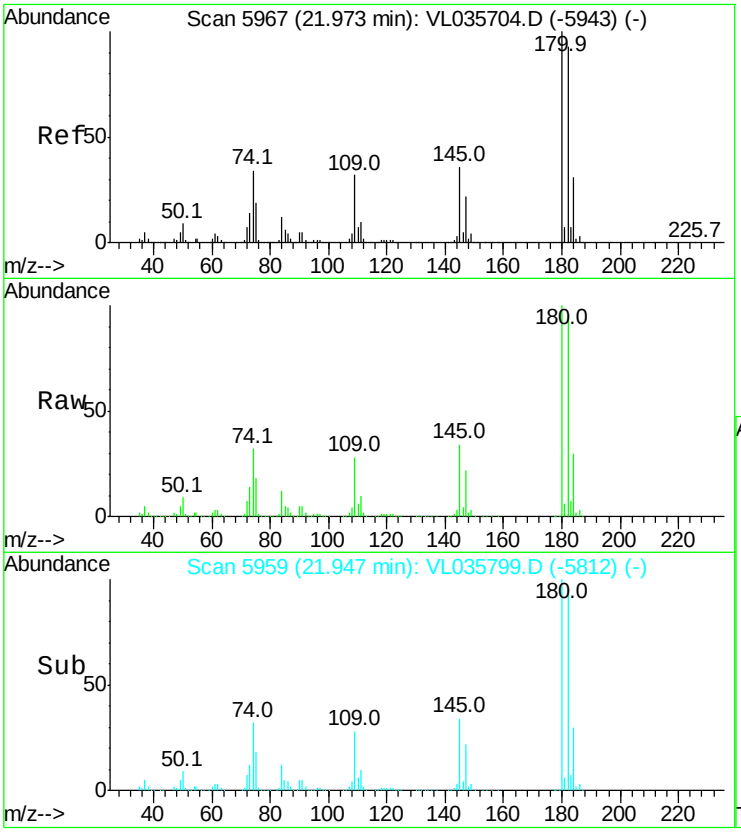


#80
Naphthalene,2-methyl-
Concen: 4.477 ppbv
RT: 24.99 min Scan# 6905
Delta R.T. -0.01 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Tgt Ion:142 Resp: 632868

Ion	Ratio	Lower	Upper
142	100		
141	84.8	68.2	102.4
115	35.1	27.8	41.6





#81
1,2,4-Trichlorobenzene
Concen: 5.632 ppbv
RT: 21.95 min Scan# 5959
Delta R.T. -0.03 min
Lab File: VL035799.D
Acq: 3 Nov 2020 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1749222

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.2	114.2
184	30.9	24.6	37.0