Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092120\

Quantitation Report (Not Reviewed)

Data File : VL035702.D
Acq On : 22 Sep 2020 8:12
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 22 09:09:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1048669	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	4081504	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	4180146	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2999811	10.11	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	1343333	7.392	ppbv		99
3) Chlorodifluoromethane	2.97	51	1226982	10.579	ppbv		99
4) Chloromethane	3.12	50	658492	10.597	ppbv		100
5) Vinyl Chloride	3.24	62	774133	10.105	ppbv		100
6) Bromomethane	3.46	94	671974	10.443	ppbv		97
7) Chloroethane	3.54	64	293991	10.855	ppbv		95
8) Dichlorotetrafluoroethane	3.17	85	2100314	9.543	ppbv		91
9) Propene	2.99	41	474105	10.603	ppbv		99
10) Heptane	8.11	43	1372551	11.429	ppbv		99
11) Trichlorofluoromethane	3.93	101	2617717	9.877	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1969410	9.846	ppbv		92
13) Ethanol	3.59	45	104793	9.453	ppbv		99
14) Bromoethene	3.72	108	878119	10.199	ppbv		99
15) Acetone	3.83	43	1075754	9.301	ppbv		98
16) 1,3-Butadiene	3.31	39	488573	11.348	ppbv		98
17) tert-Butyl alcohol	4.28	59	1393271	9.897	ppbv		100
18) 1,1-Dichloroethene	4.27	96	919870	10.443	ppbv		96
19) Isopropyl Alcohol	3.95	45	674245	9.772	ppbv	#	97
20) Methylene Chloride	4.33	84	791862	9.193	ppbv		95
21) Allyl Chloride	4.40	41	643923	11.884	ppbv		98
22) trans-1,2-Dichloroethene	4.87	96	960507	10.243	ppbv		93
23) Vinyl Acetate	5.06	43	1697397	11.434	ppbv		99
24) 1,1-Dichloroethane	5.00	63	1640759	10.740	ppbv		100
25) Ethyl Acetate	5.66	43	2278402	11.151	ppbv		99
26) Hexane	5.68	57	1270931	10.978	ppbv		98
27) Carbon Disulfide	4.54	76	2035251	12.251	ppbv		100
28) Methyl tert-Butyl Ether	5.02	73	2145882	10.635	ppbv		98
29) Chloroform	5.74	83	2488939	10.552	ppbv		100
30) Cyclohexane	7.12	84	1368845	11.037	ppbv		96
31) cis-1,2-Dichloroethene	5.54	61	1353802	11.398	ppbv		96
32) 1,1,1-Trichloroethane	6.50	97	2420451	10.578	ppbv		98
34) 2-Butanone	5.23	43	1537269	12.691	ppbv		97
35) Carbon Tetrachloride	7.01	117	2497070	12.173	ppbv		100
36) Benzene	6.88	78	3122956	11.820	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1542780	12.248	ppbv		98
38) Trichloroethene	7.83	130	1720029	11.208	ppbv		95
39) 1,2-Dichloropropane	7.61	63	1077625	12.074	ppbv		98
40) 1,4-Dioxane	7.82	88	508190	11.398	ppbv		67
41) Tetrahydrofuran	6.04	42	859863	13.387	ppbv		97
42) Bromodichloromethane	7.79	83	2603938	12.784	ppbv		99
43) Methyl Methacrylate	8.01	69	1332802	13.046	ppbv		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092120\

Quantitation Report (Not Reviewed)

Data File : VL035702.D
Acq On : 22 Sep 2020 8:12
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 22 09:09:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4226545	12.158	ppbv		98
45) t-1,3-Dichloropropene	9.28	75	1507998	14.571	ppbv		99
46) cis-1,3-Dichloropropene	8.70	75	1777718	13.835	ppbv		97
47) 1,1,2-Trichloroethane	9.47	97	1536532	11.667	ppbv		96
48) Dibromochloromethane	10.30	129	2564864	12.375	ppbv		100
49) Bromoform	13.04	173	2301245	12.251	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	2274885	12.970	ppbv		99
51) 2-Hexanone	10.13	43	1936499	13.459	ppbv	#	98
52) Tetrachloroethene	11.22	164	2504012	16.223	ppbv		95
53) Toluene	9.80	91	3938112	11.853	ppbv		100
54) 1,2-Dibromoethane	10.61	107	2415721	11.609	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1988346	11.690	ppbv		97
57) Chlorobenzene	12.15	112	3323431	10.803	ppbv		96
58) Ethyl Benzene	12.71	91	5127699	11.896	ppbv		100
59) m/p-Xylene	13.00	91	4846058	13.454	ppbv	#	49
60) o-Xylene	13.70	91	4318561	11.904	ppbv		97
61) Styrene	13.53	104	3404159	12.269	ppbv		98
62) Isopropylbenzene	14.67	105	6460079	11.086	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.68	83	3156364	11.222	ppbv		99
64) n-propylbenzene	15.57	120	1999643	11.244	ppbv		87
65) tert-Butylbenzene	16.75	119	5988379	11.055	ppbv		95
66) Benzyl Chloride	17.00	91	2408410	17.889	ppbv		96
67) sec-Butylbenzene	17.30	105	8029156	11.125	ppbv		96
69) p-Isopropyltoluene	17.66	119	6858570	10.834	ppbv		97
70) n-Butylbenzene	18.56	91	6948758	11.395	ppbv		97
71) 2-Chlorotoluene	15.46	91	5003281	11.790	ppbv		95
72) 4-Ethyltoluene	15.85	105	5345943	11.591	ppbv		98
73) 1,3,5-Trimethylbenzene	16.00	105	4964703	11.639	ppbv		97
74) 1,2,4-Trimethylbenzene	16.77	105	5199331	11.099	ppbv		97
75) 1,3-Dichlorobenzene	17.00	146	3475799	10.017	ppbv		98
76) 1,4-Dichlorobenzene	17.15	146	3486817	10.189	ppbv		98
77) 1,2-Dichlorobenzene	17.83	146	3409762	10.143	ppbv		97
78) Hexachloro-1,3-Butadiene	23.39	225	1996770	9.303	ppbv		100
79) Naphthalene	22.21	128	5720187	11.005	ppbv		99
80) Naphthalene,2-methyl-	24.99	142	2046730	11.537	ppbv		99
81) 1,2,4-Trichlorobenzene	21.94	180	2937651	9.438	ppbv		100

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

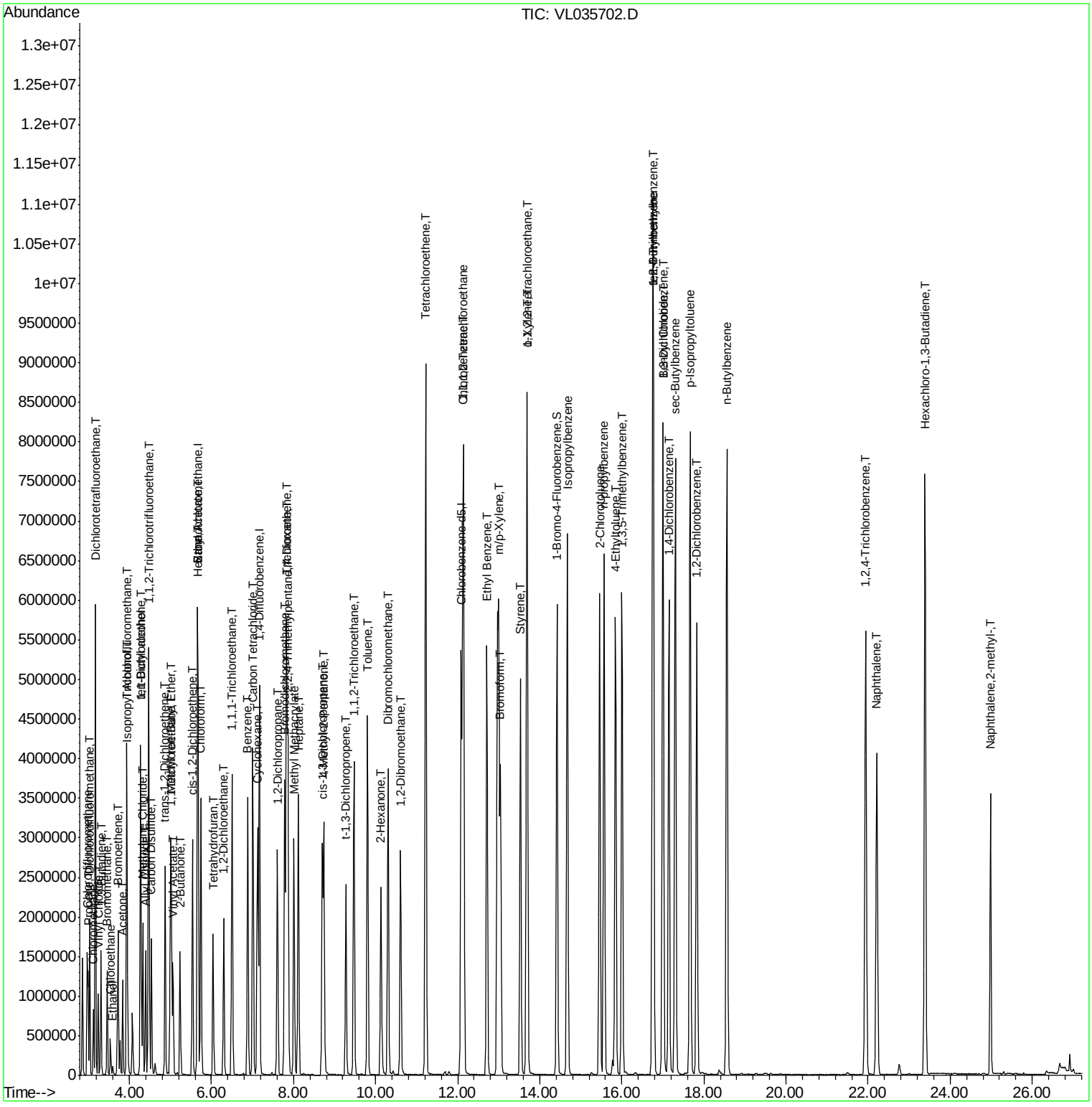
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092120\

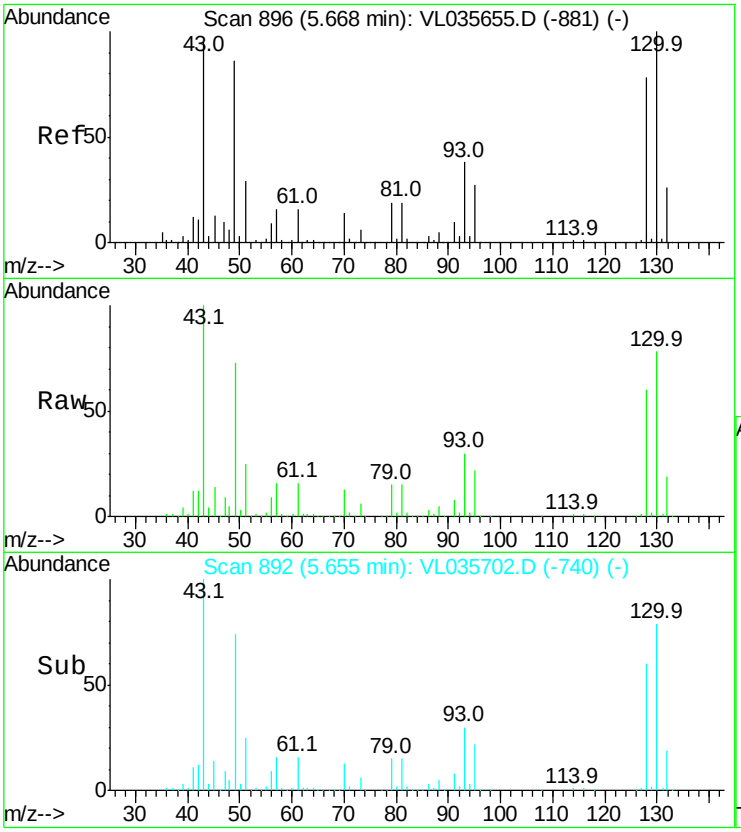
Quantitation Report (Not Reviewed)

Data File : VL035702.D
Acq On : 22 Sep 2020 8:12
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Sep 22 09:09:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration



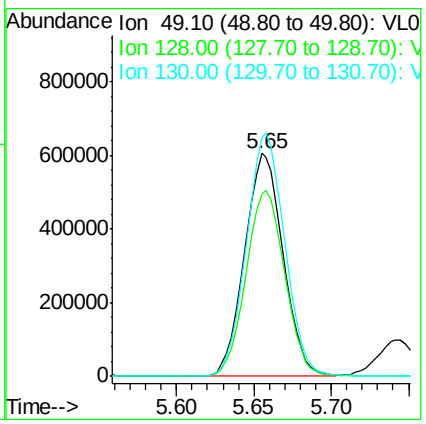


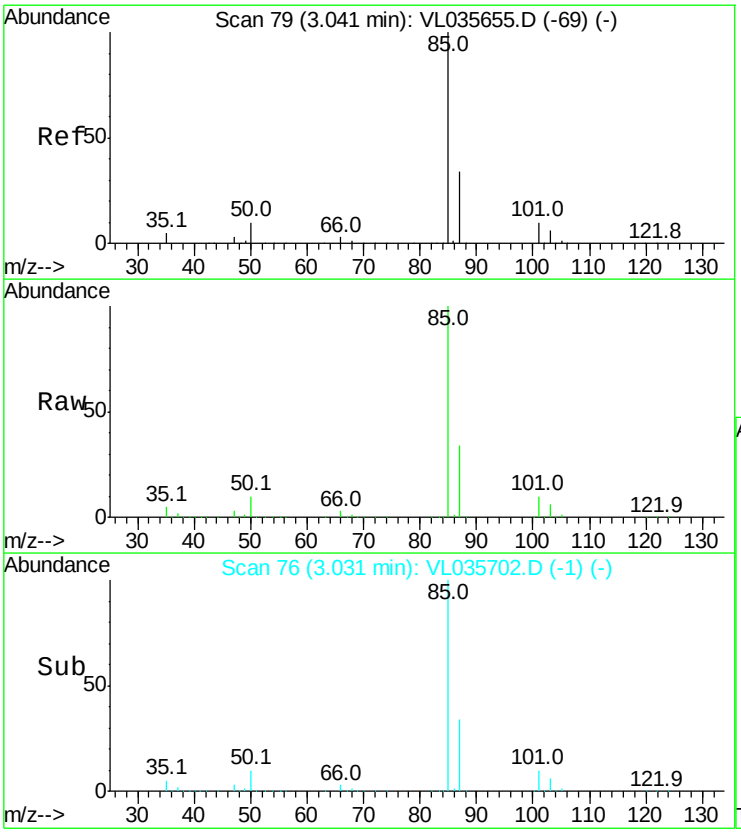
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1048669

Ion	Ratio	Lower	Upper
49	100		
128	84.5	50.0	150.1
130	109.0	64.4	193.2

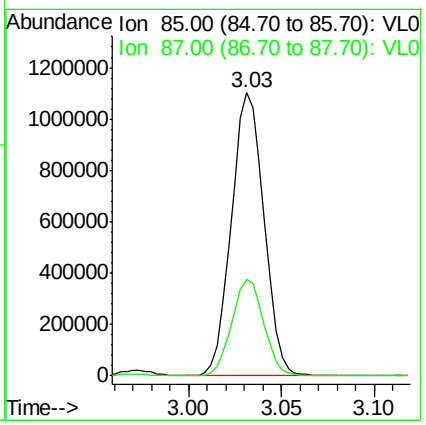


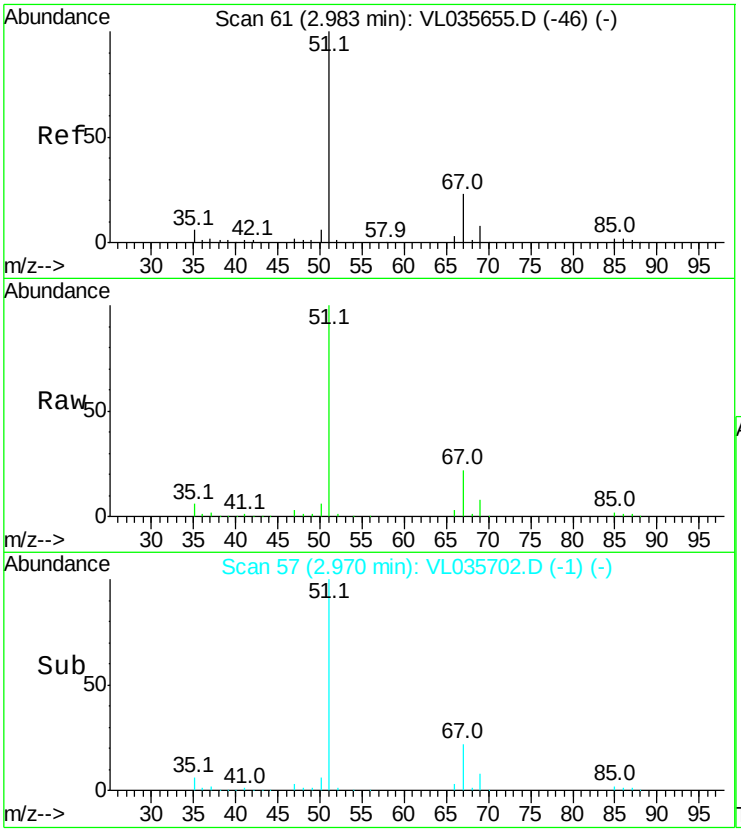


#2
Dichlorodifluoromethane
Concen: 7.392 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 85 Resp: 1343333

Ion	Ratio	Lower	Upper
85	100		
87	34.2	28.0	42.0



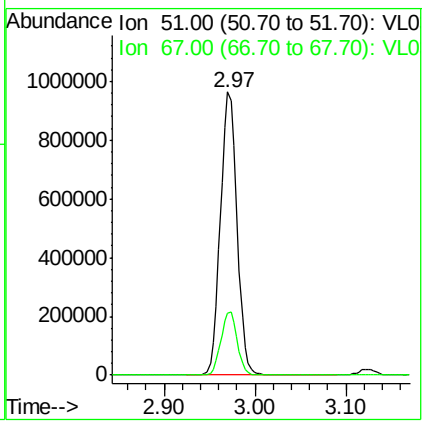


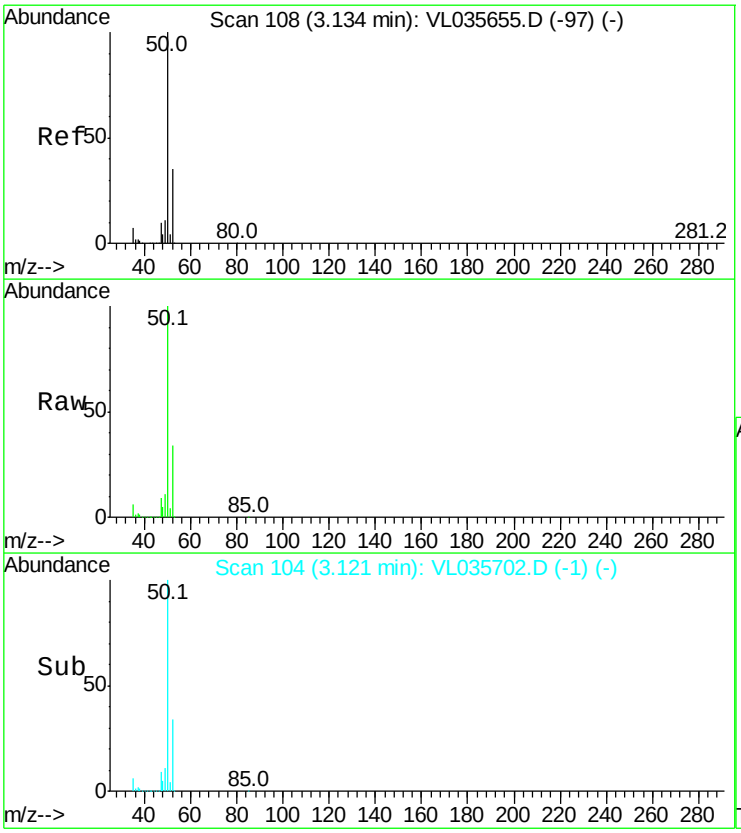
#3
Chlorodifluoromethane
Concen: 10.579 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1226982

Ion	Ratio	Lower	Upper
51	100		
67	21.9	17.8	26.8

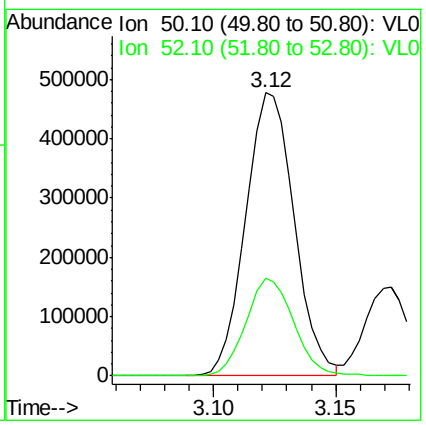


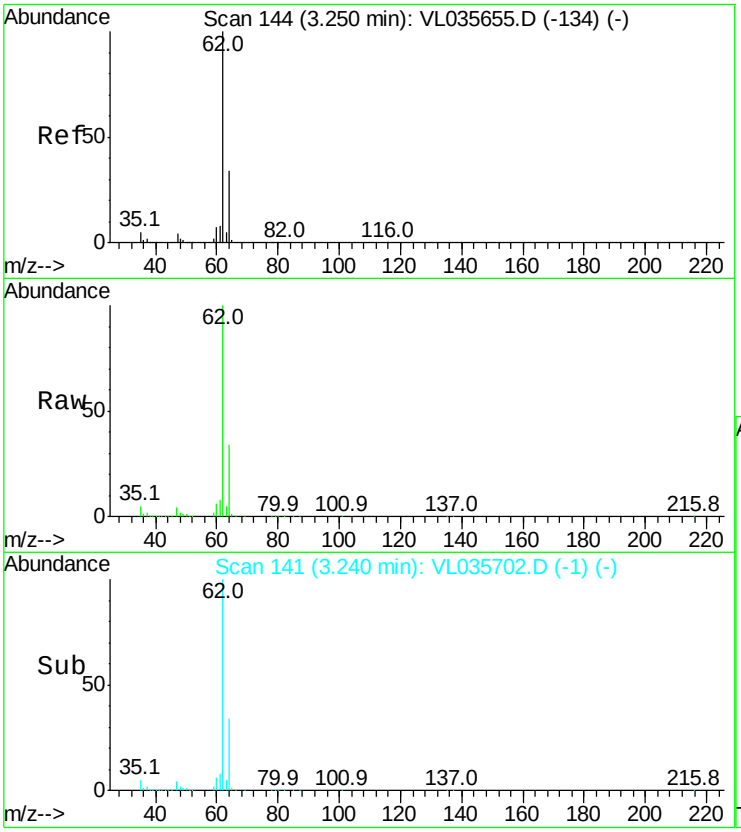


#4
Chloromethane
Concen: 10.597 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 50 Resp: 658492

Ion	Ratio	Lower	Upper
50	100		
52	34.4	27.7	41.5



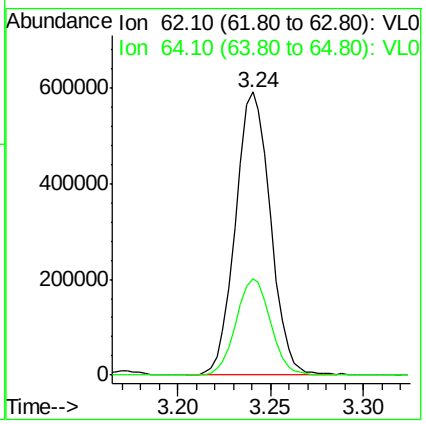


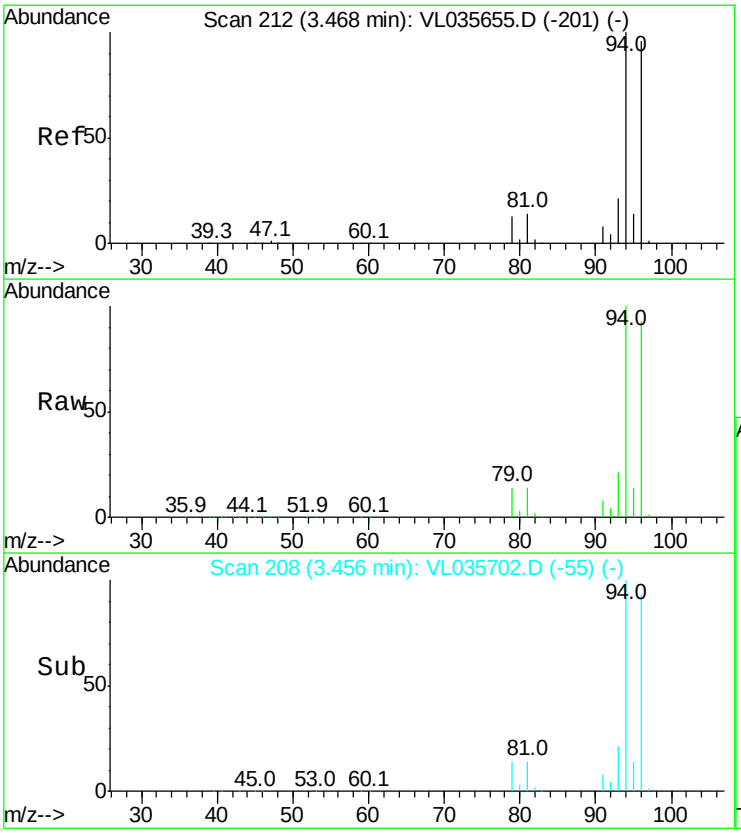
#5
Vinyl Chloride
Concen: 10.105 ppbv
RT: 3.24 min Scan# 141
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 774133

Ion	Ratio	Lower	Upper
62	100		
64	34.3	27.4	41.2

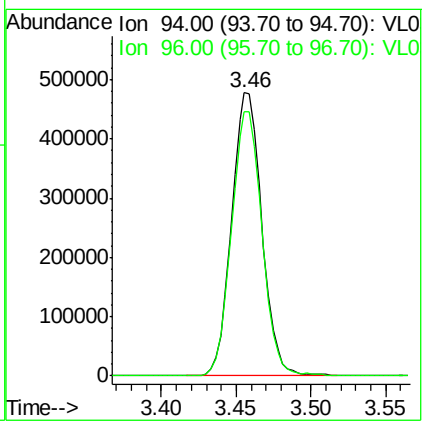


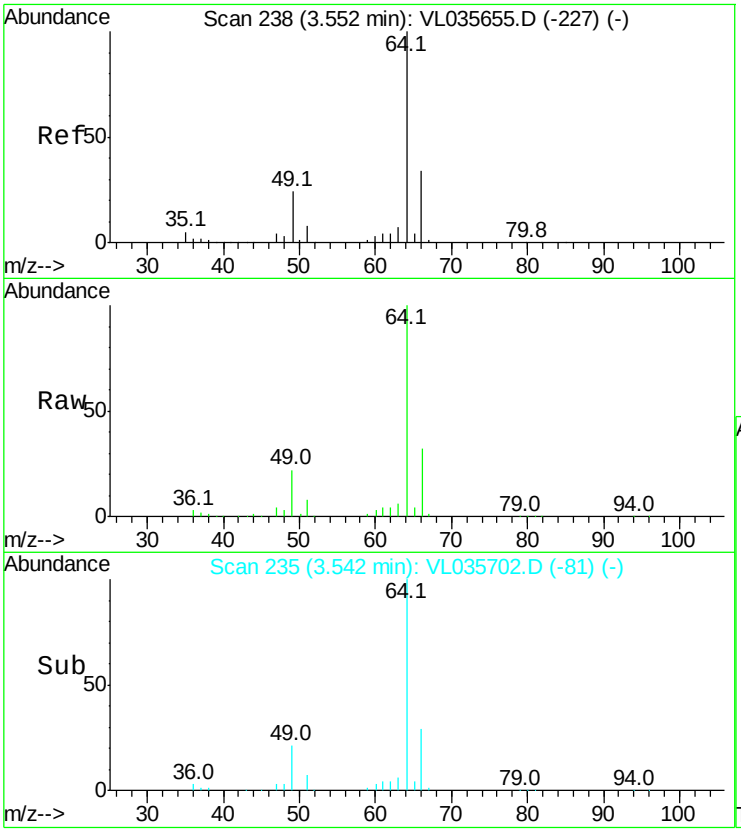


#6
Bromomethane
Concen: 10.443 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 94 Resp: 671974

Ion	Ratio	Lower	Upper
94	100		
96	93.3	77.1	115.7



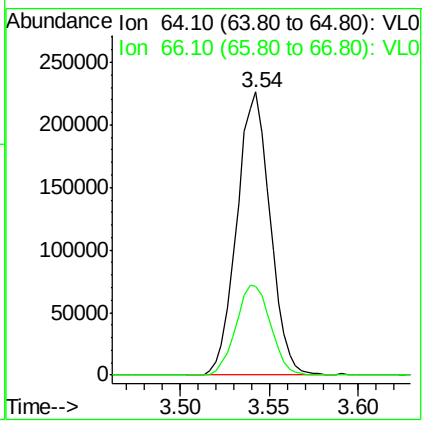


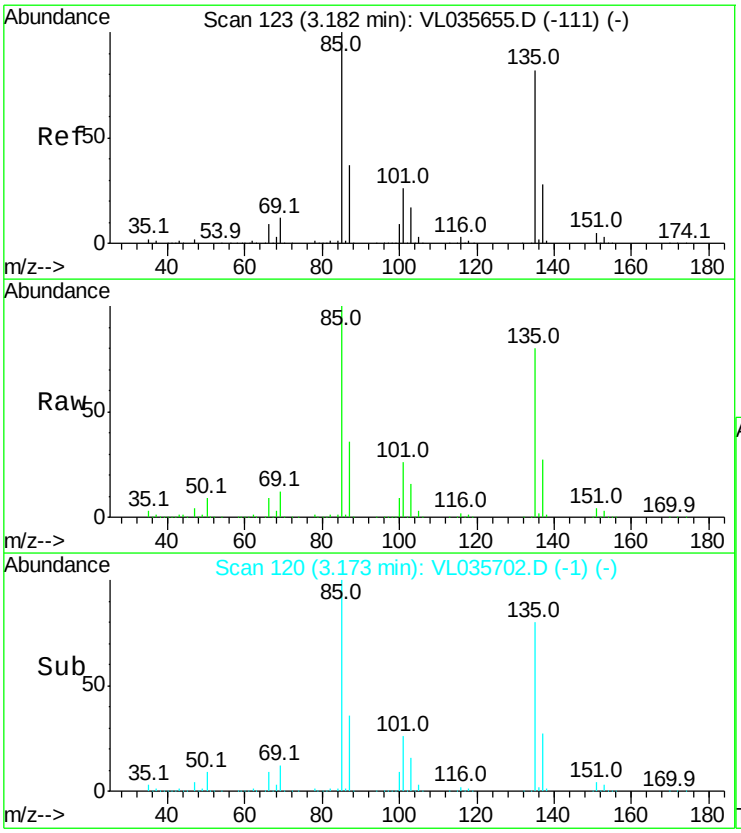
#7
Chloroethane
Concen: 10.855 ppbv
RT: 3.54 min Scan# 235
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 64 Resp: 293991

Ion	Ratio	Lower	Upper
64	100		
66	31.6	27.7	41.5

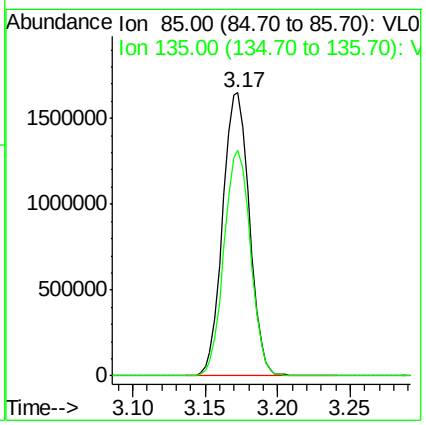


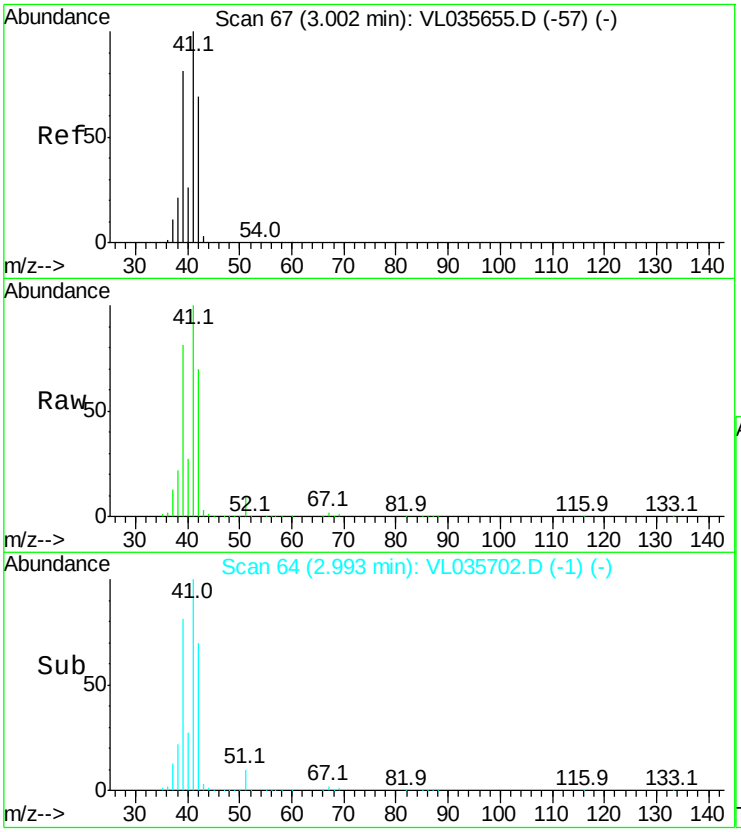


#8
Dichlorotetrafluoroethane
Concen: 9.543 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 85 Resp: 2100314

Ion	Ratio	Lower	Upper
85	100		
135	79.4	70.4	105.6



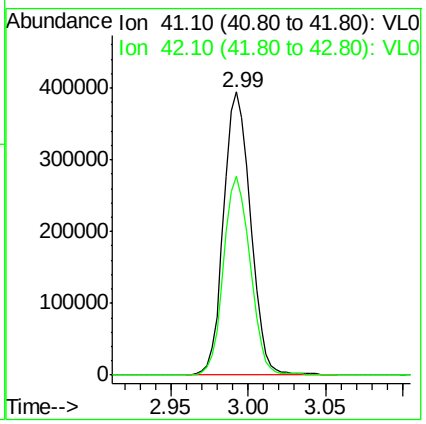


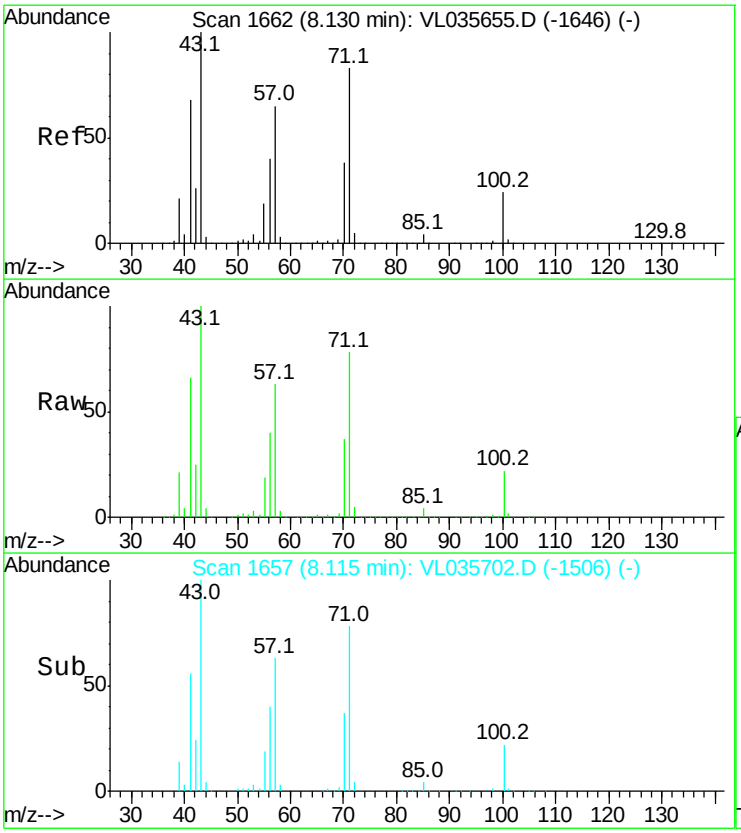
#9
Propene
Concen: 10.603 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 474105

Ion	Ratio	Lower	Upper
41	100		
42	69.7	56.3	84.5

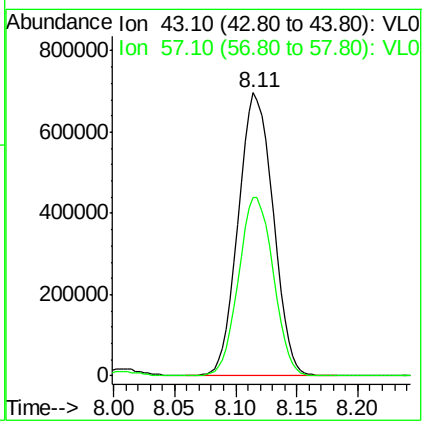


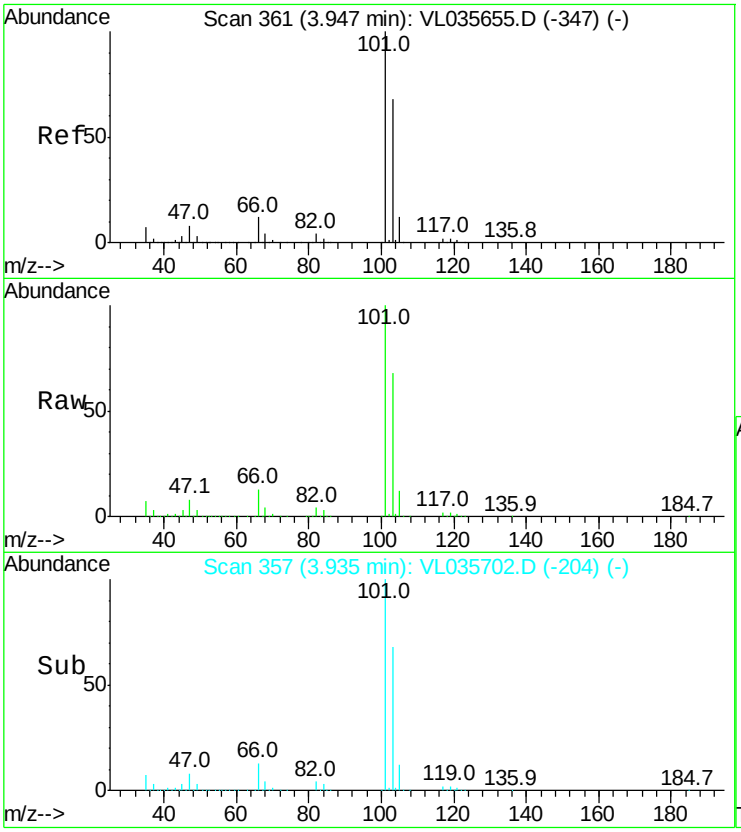


#10
Heptane
Concen: 11.429 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 43 Resp: 1372551

Ion	Ratio	Lower	Upper
43	100		
57	63.1	51.4	77.0



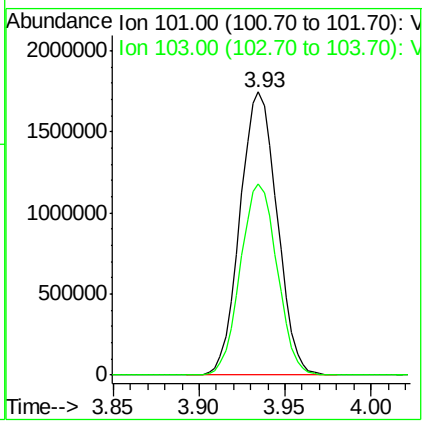


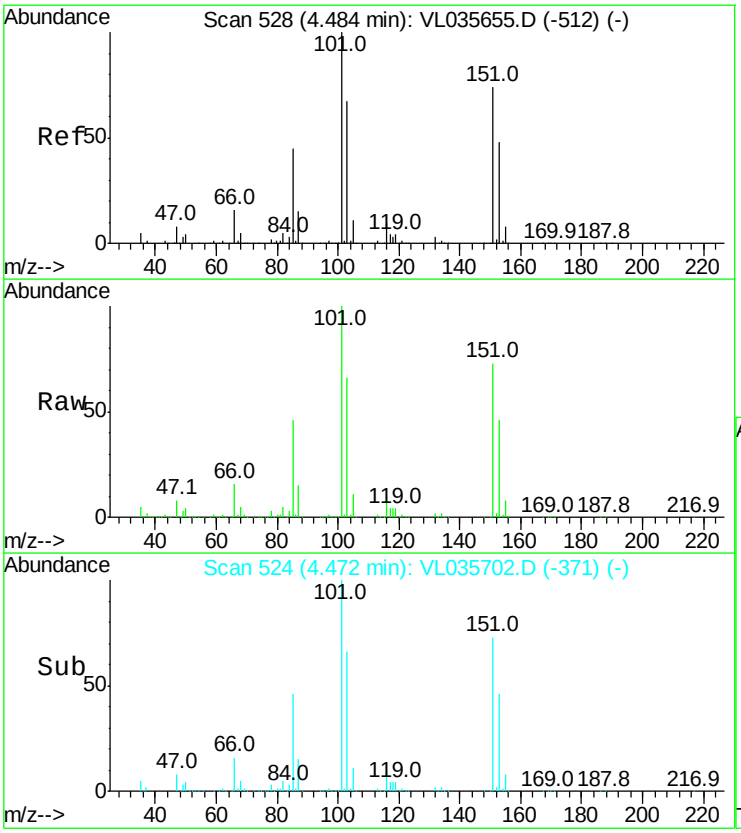
#11
Trichlorofluoromethane
Concen: 9.877 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 2617717

Ion	Ratio	Lower	Upper
101	100		
103	67.7	54.5	81.7

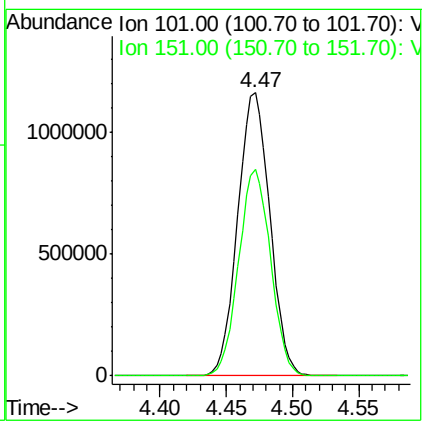


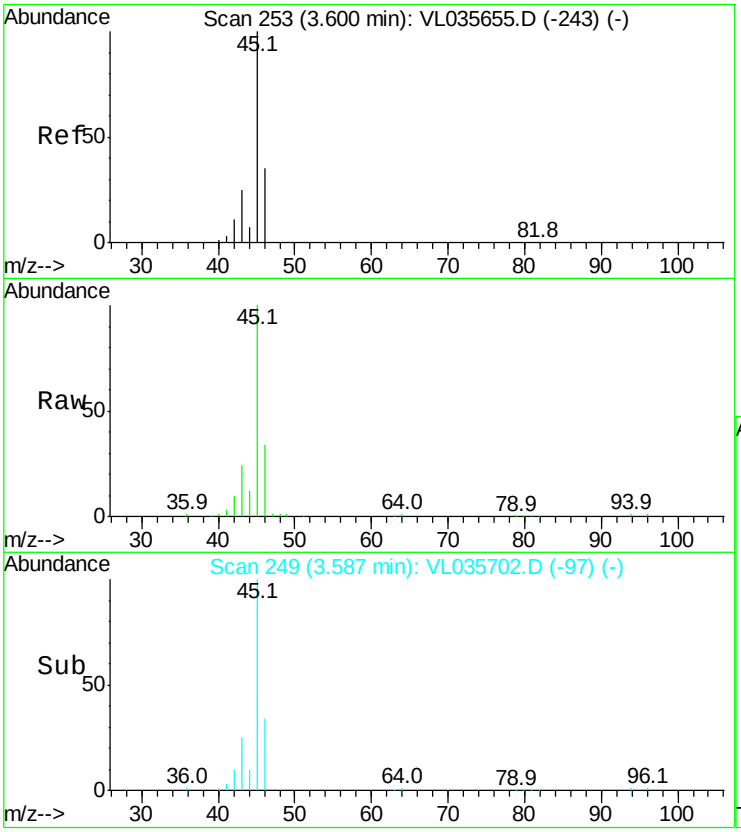


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.846 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:101 Resp: 1969410

Ion	Ratio	Lower	Upper
101	100		
151	72.5	63.5	95.3



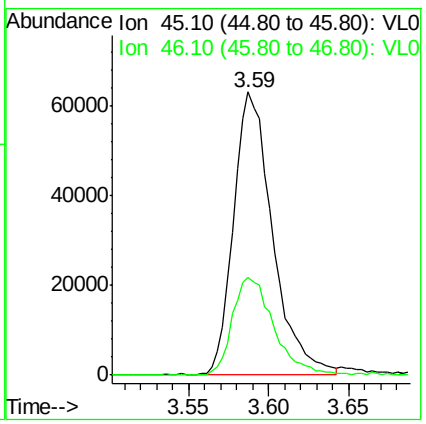


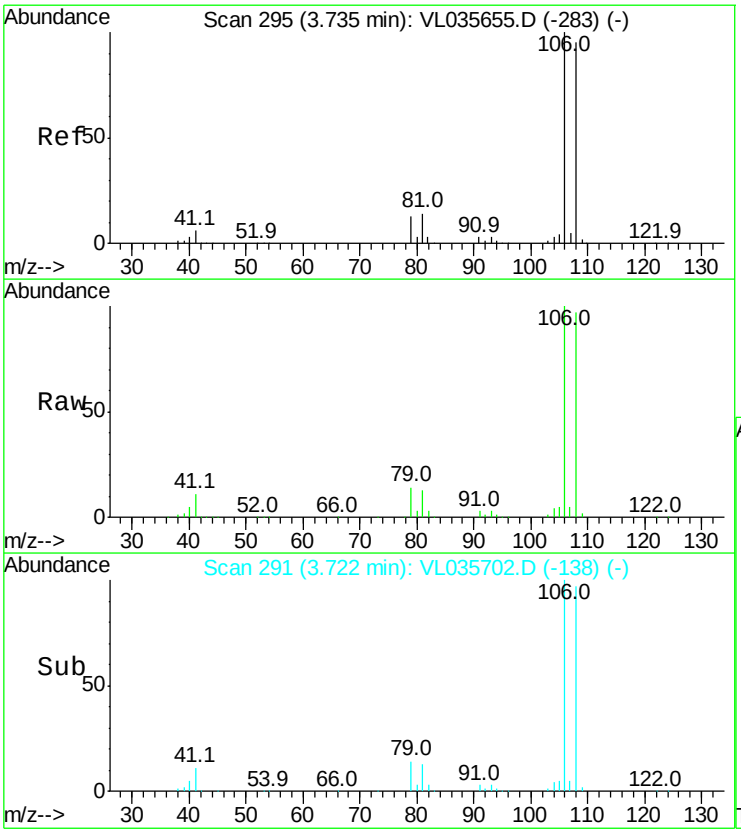
#13
Ethanol
Concen: 9.453 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 104793

Ion	Ratio	Lower	Upper
45	100		
46	37.1	15.2	60.6

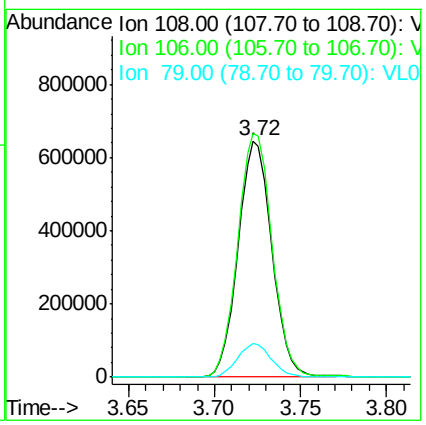


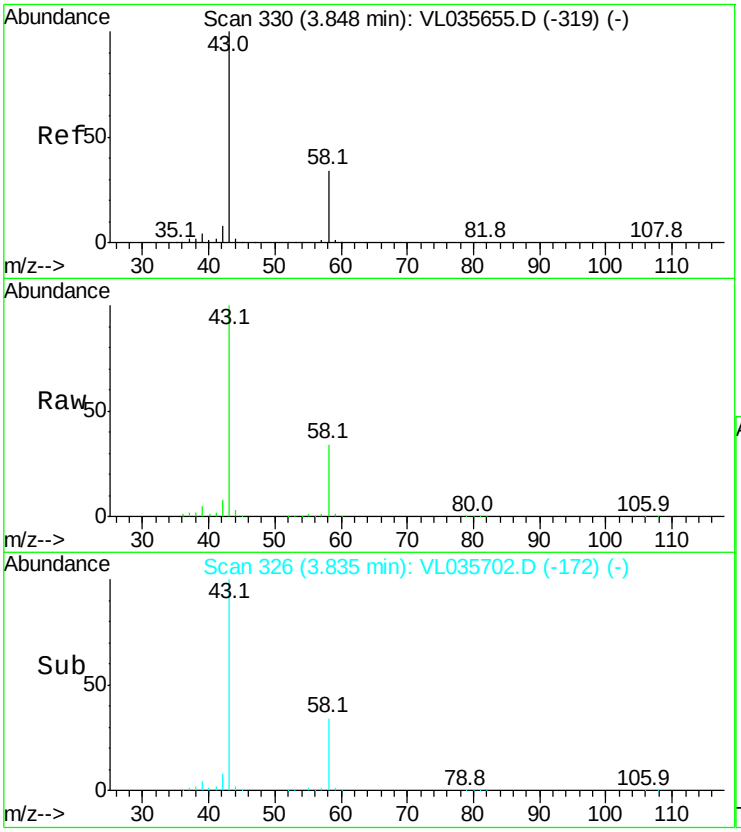


#14
Bromoethene
Concen: 10.199 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:108 Resp: 878119

Ion	Ratio	Lower	Upper
108	100		
106	105.5	84.9	127.3
79	14.5	10.8	16.2



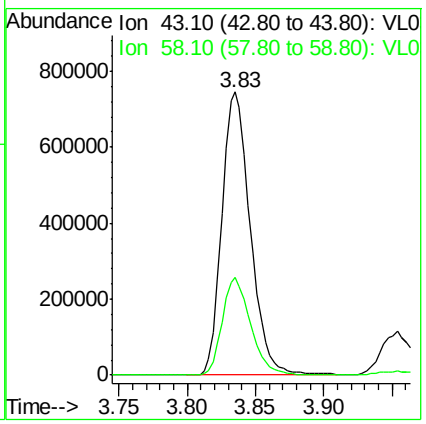


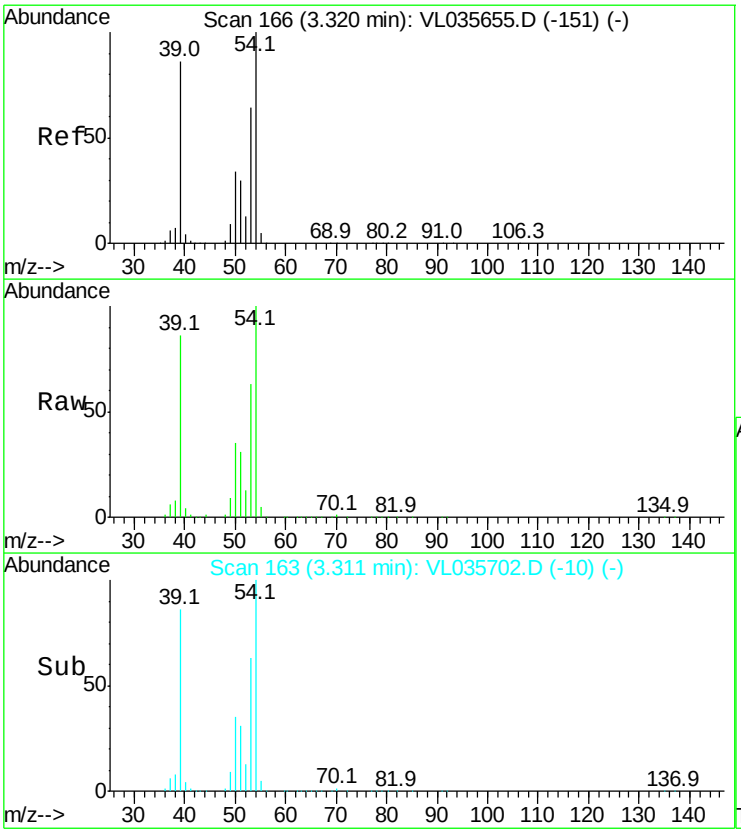
#15
Acetone
Concen: 9.301 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1075754

Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.4	42.6

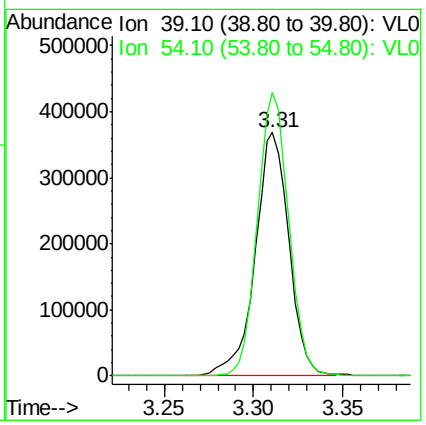


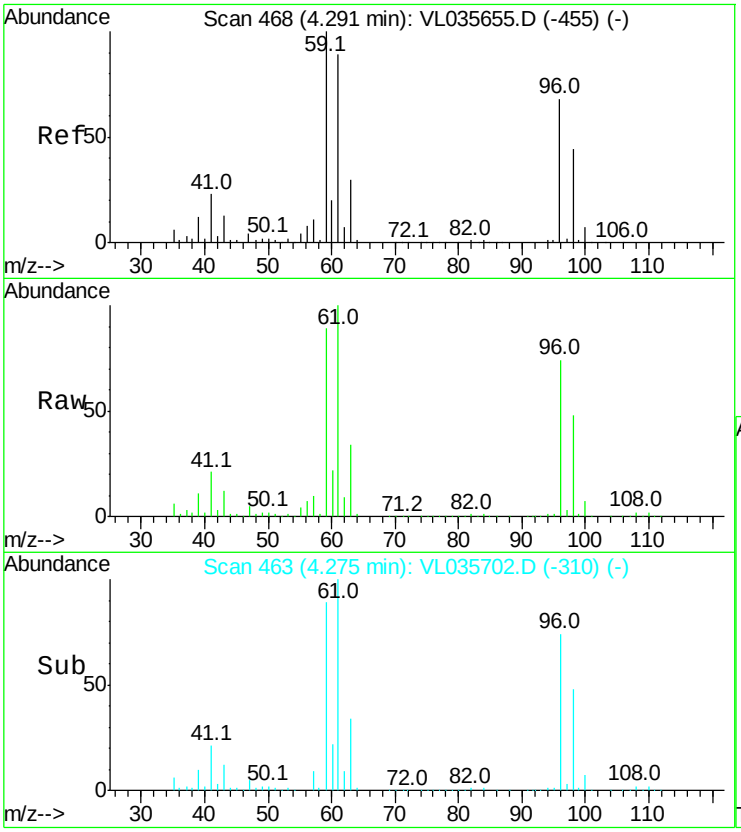


#16
1,3-Butadiene
Concen: 11.348 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 39 Resp: 488573

Ion	Ratio	Lower	Upper
39	100		
54	108.8	88.4	132.6



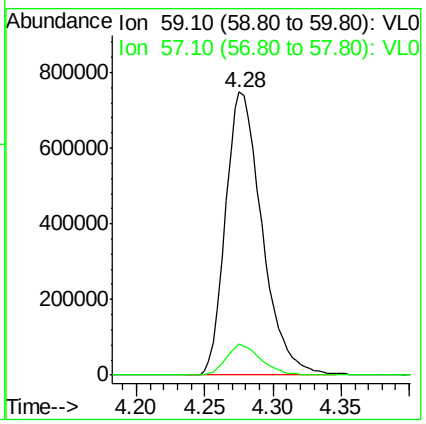


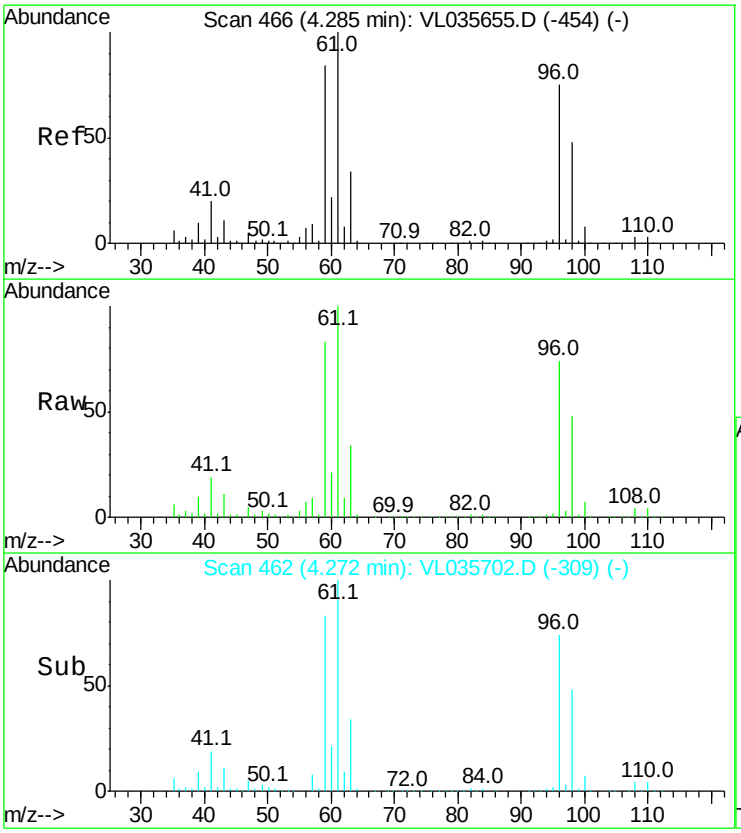
#17
tert-Butyl alcohol
Concen: 9.897 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1393271

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

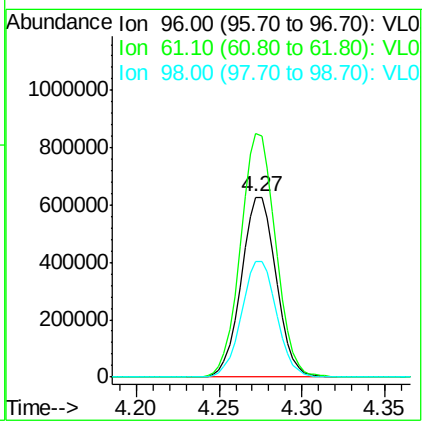


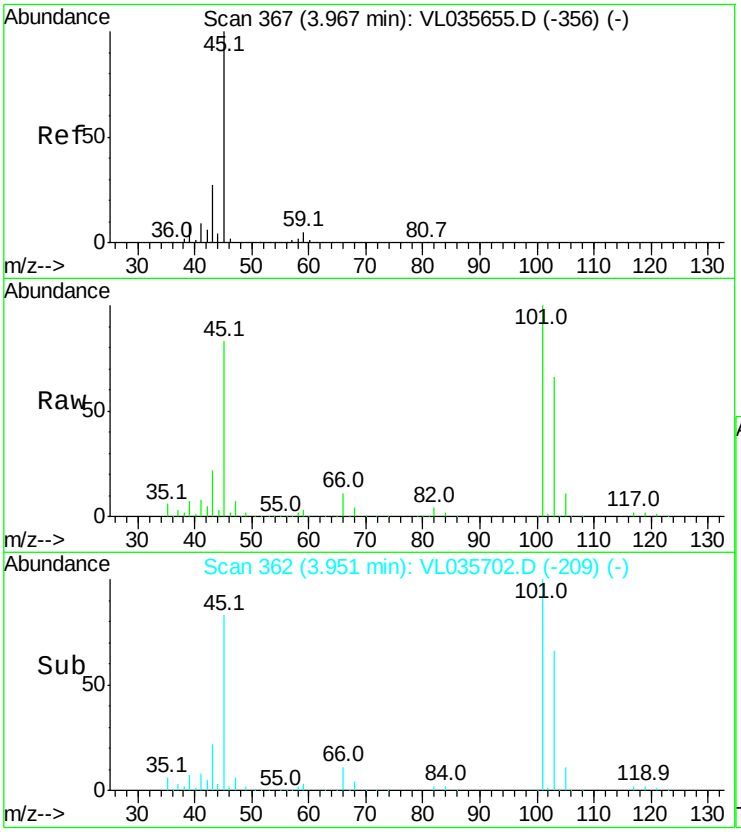


#18
1,1-Dichloroethene
Concen: 10.443 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 96 Resp: 919870

Ion	Ratio	Lower	Upper
96	100		
61	135.5	103.0	154.6
98	64.5	52.8	79.2



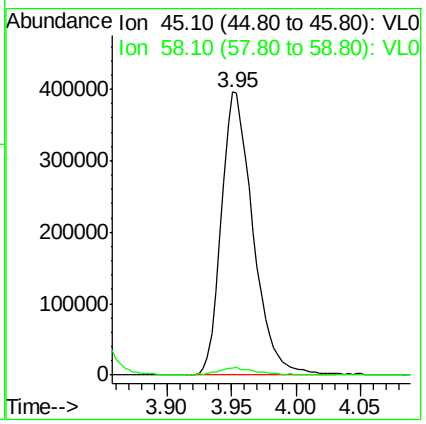


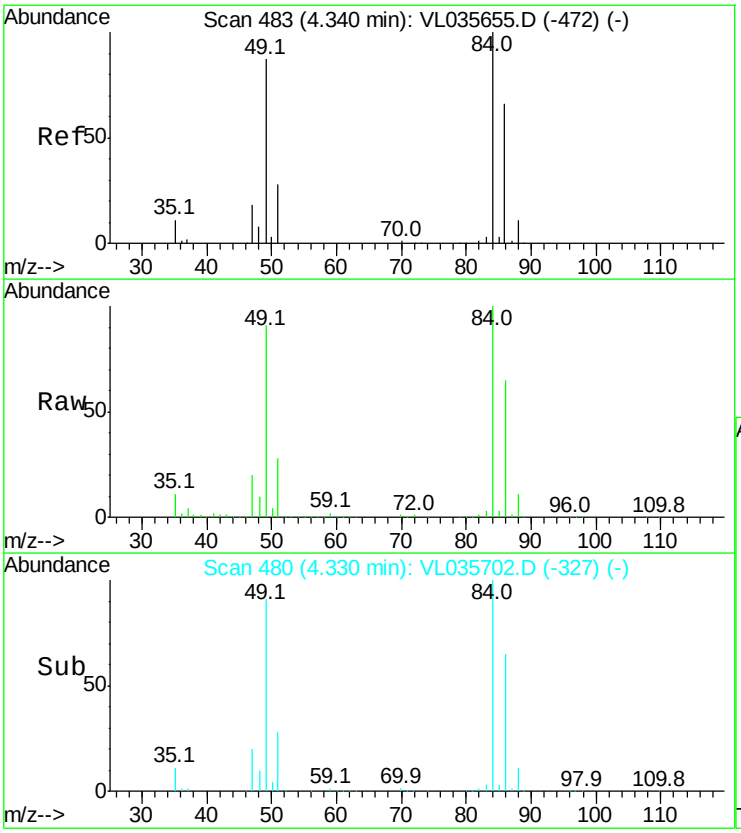
#19
Isopropyl Alcohol
Concen: 9.772 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 674245

Ion	Ratio	Lower	Upper
45	100		
58	3.5	2.0	3.0#

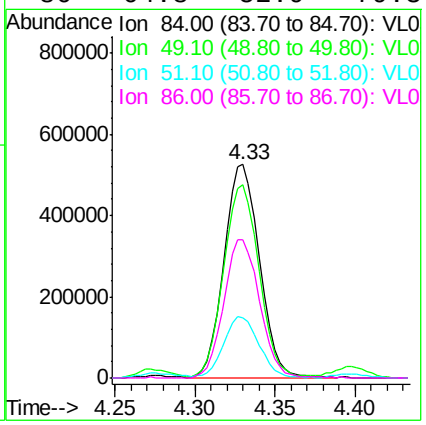


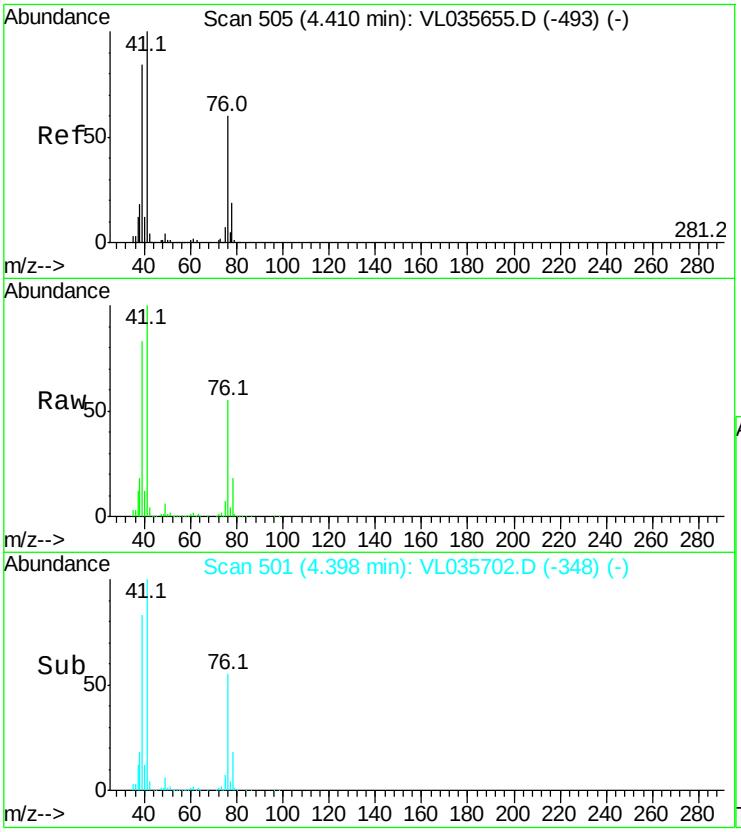


#20
Methylene Chloride
Concen: 9.193 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 84 Resp: 791862

Ion	Ratio	Lower	Upper
84	100		
49	90.1	65.4	98.0
51	27.5	21.5	32.3
86	64.8	52.9	79.3



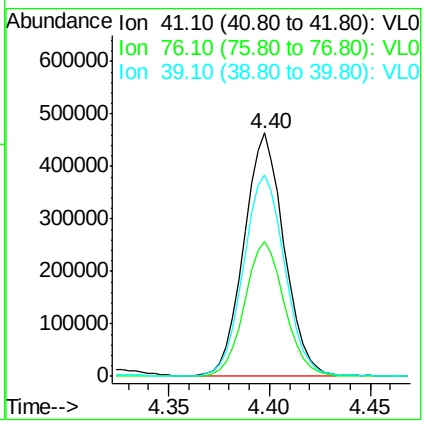


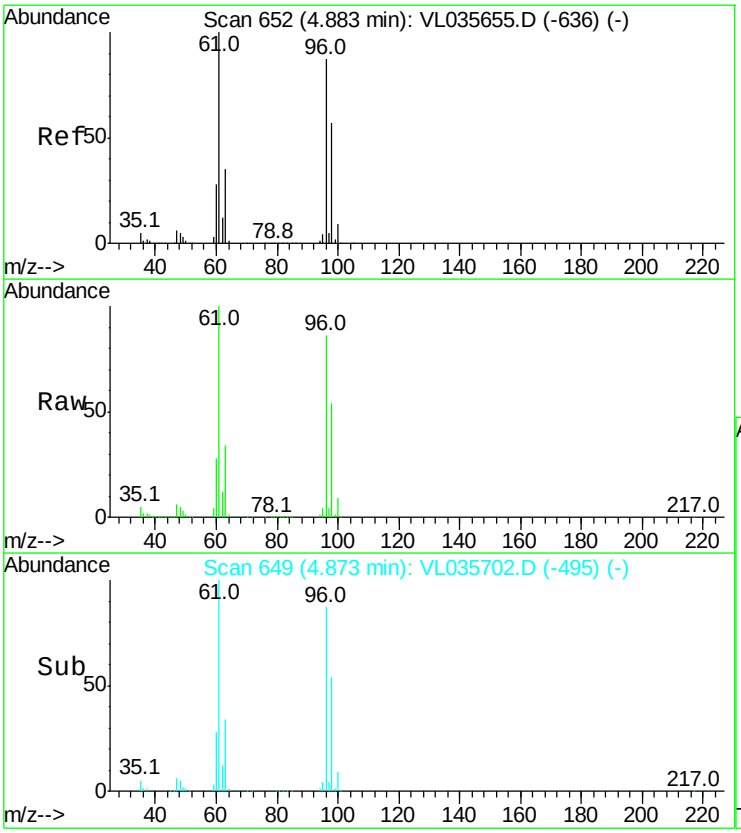
#21
Allyl Chloride
Concen: 11.884 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 41 Resp: 643923

Ion	Ratio	Lower	Upper
41	100		
76	55.6	46.2	69.2
39	85.5	67.8	101.6

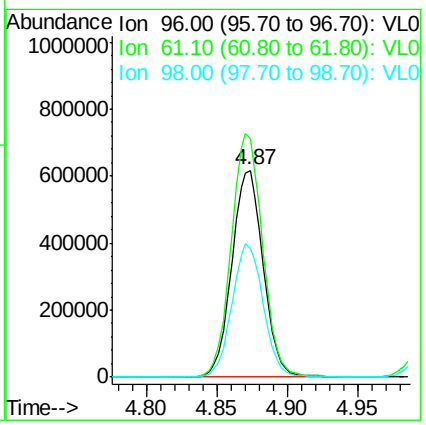


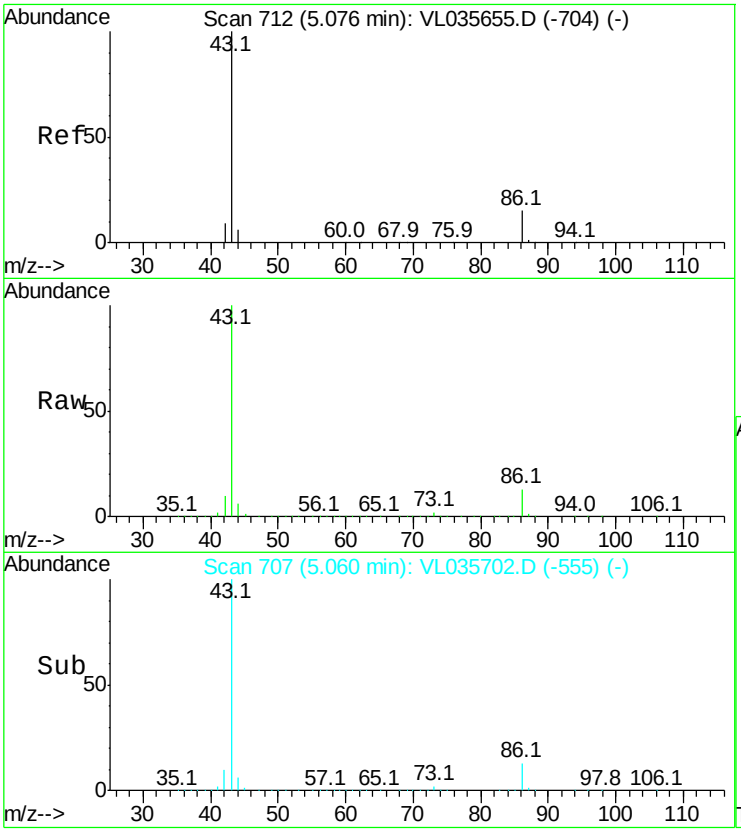


#22
trans-1,2-Dichloroethene
Concen: 10.243 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.00 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 96 Resp: 960507

Ion	Ratio	Lower	Upper
96	100		
61	115.6	86.0	129.0
98	61.8	52.3	78.5



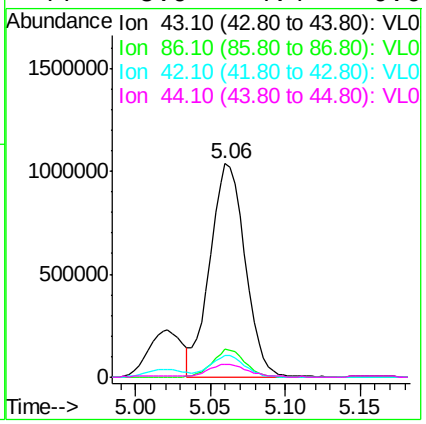


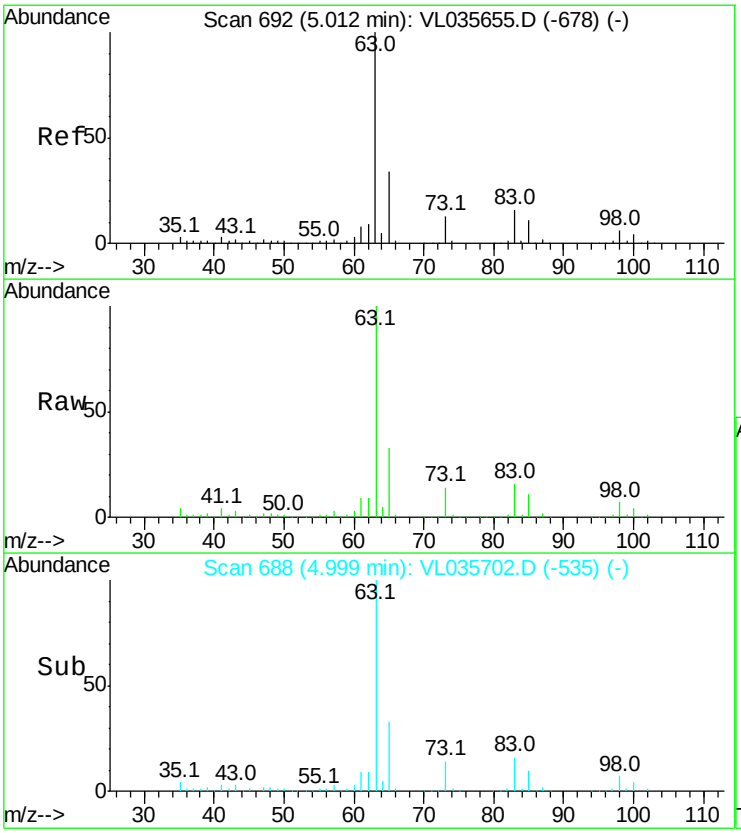
#23
Vinyl Acetate
Concen: 11.434 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1697397

Ion	Ratio	Lower	Upper
43	100		
86	12.9	10.6	16.0
42	9.9	7.5	11.3
44	5.9	4.4	6.6

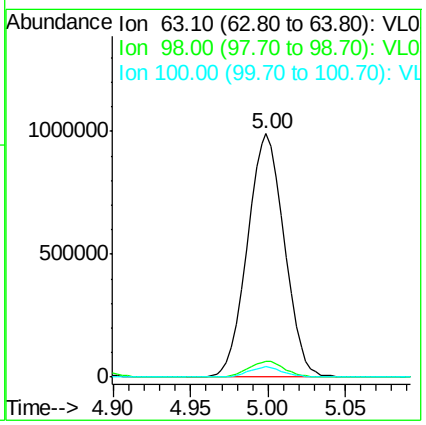


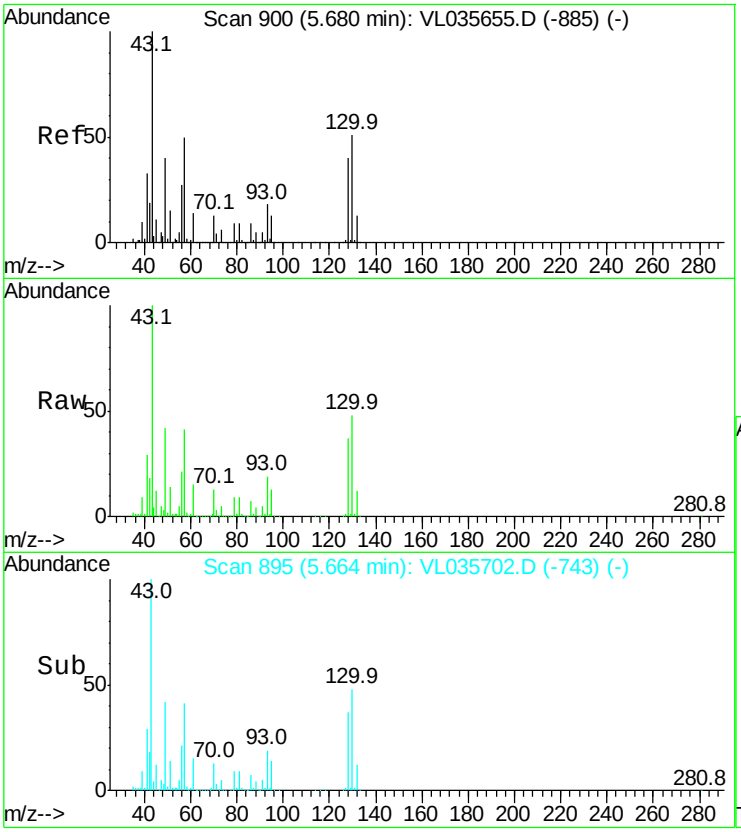


#24
1,1-Dichloroethane
Concen: 10.740 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 63 Resp: 1640759

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	4.3	2.1	6.5



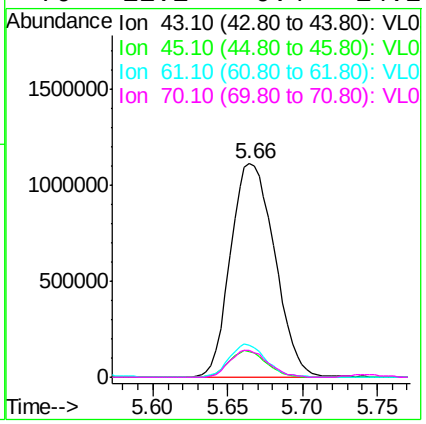


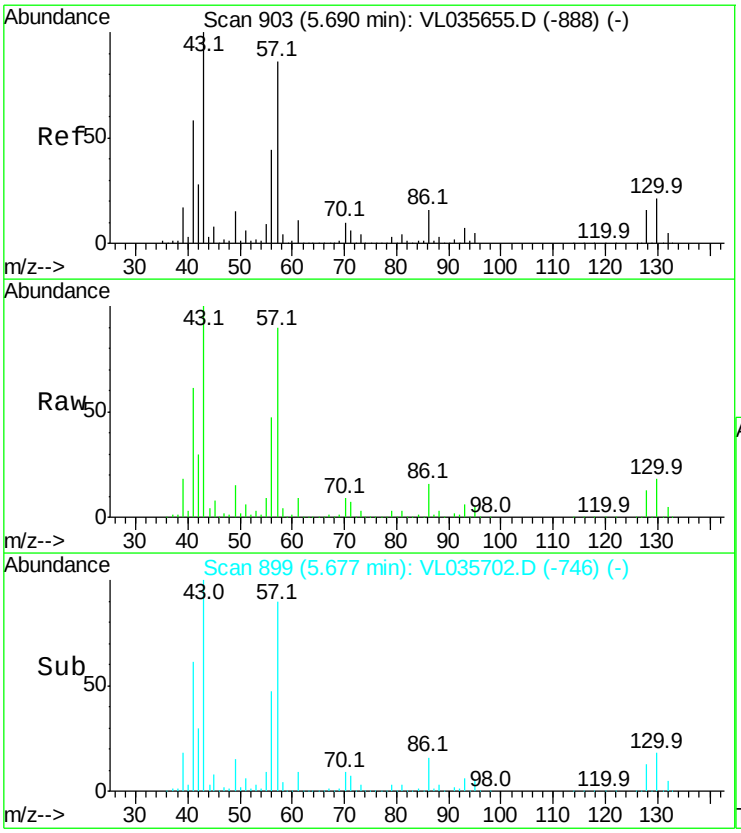
#25
Ethyl Acetate
Concen: 11.151 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2278402

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.4	12.6
61	13.0	10.6	16.0
70	11.1	9.4	14.2

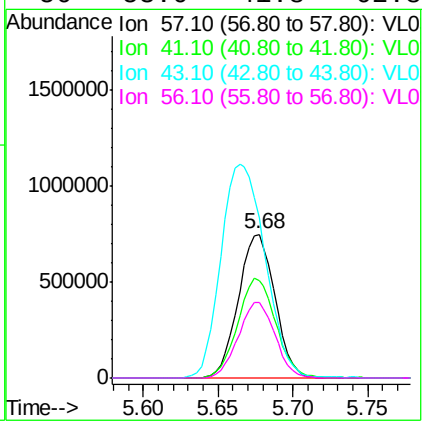


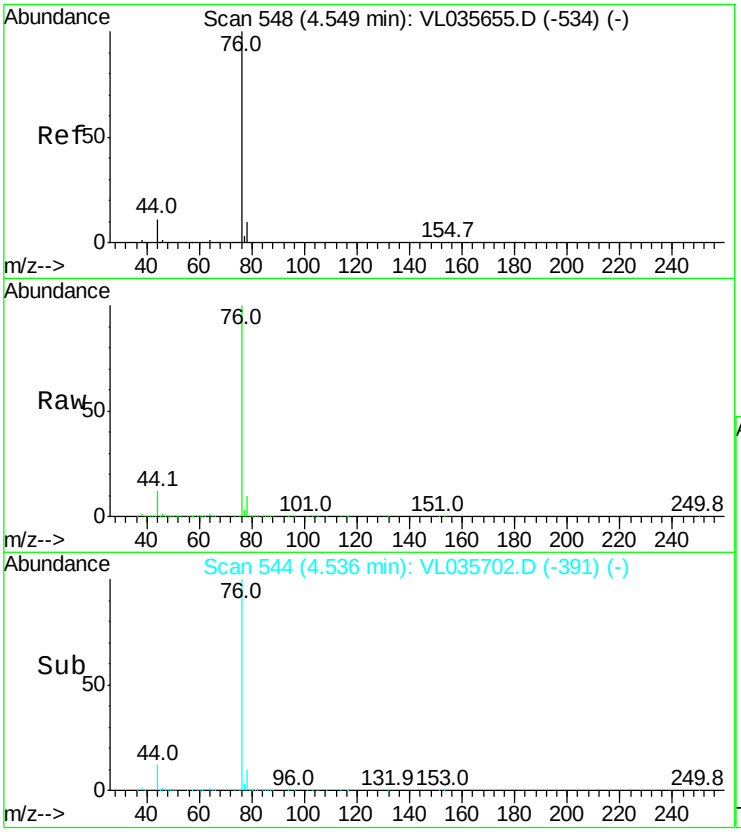


#26
Hexane
Concen: 10.978 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 57 Resp: 1270931

Ion	Ratio	Lower	Upper
57	100		
41	72.3	55.9	83.9
43	180.0	141.8	212.8
56	53.0	41.8	62.8



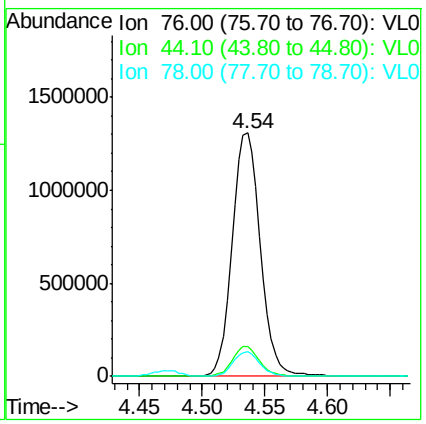


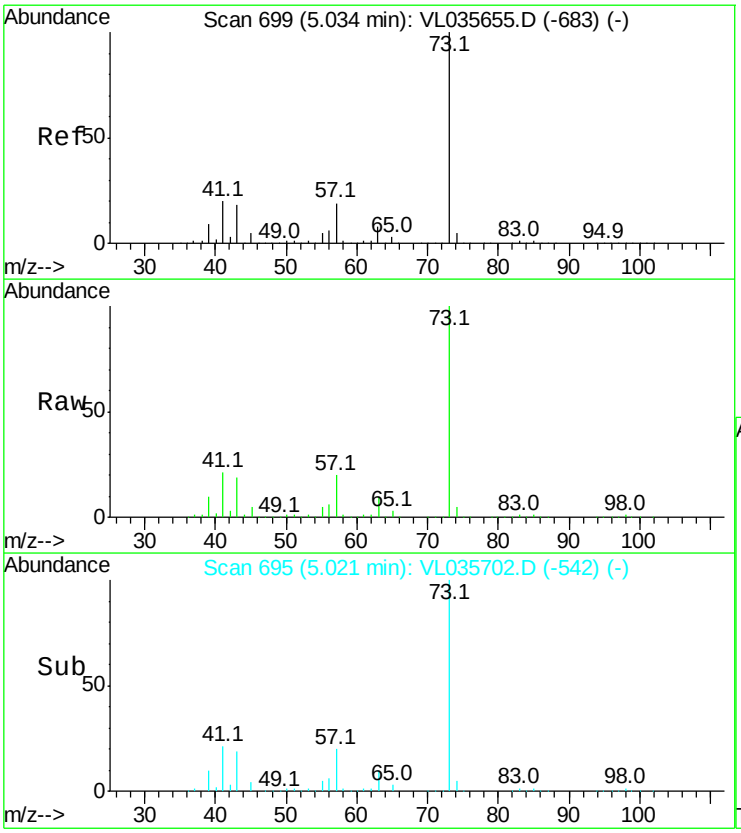
#27
Carbon Disulfide
Concen: 12.251 ppbv
RT: 4.54 min Scan# 544
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 76 Resp: 2035251

Ion	Ratio	Lower	Upper
76	100		
44	11.8	9.3	13.9
78	9.6	7.8	11.6

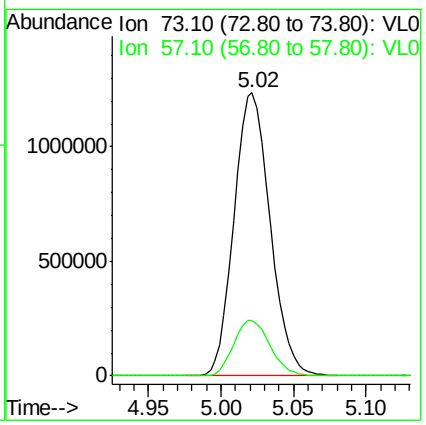


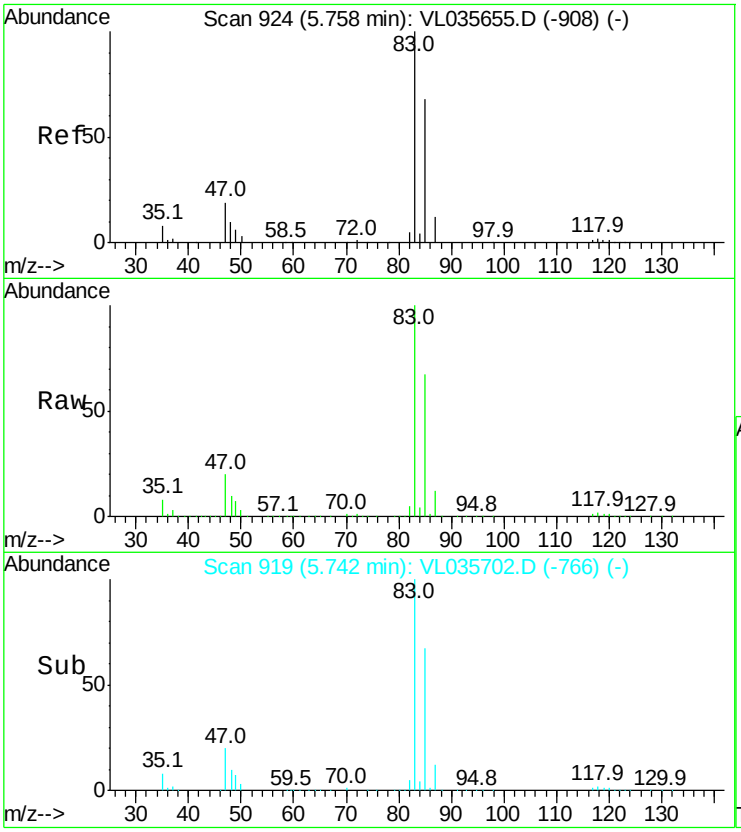


#28
Methyl tert-Butyl Ether
Concen: 10.635 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 73 Resp: 2145882

Ion	Ratio	Lower	Upper
73	100		
57	19.8	15.2	22.8



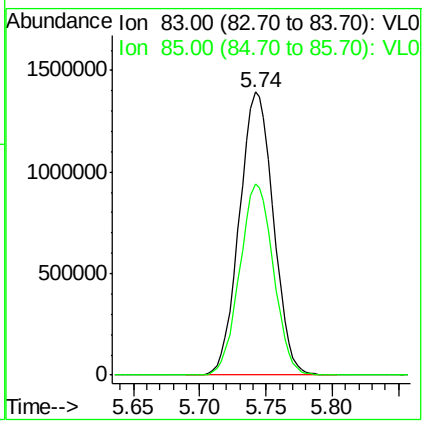


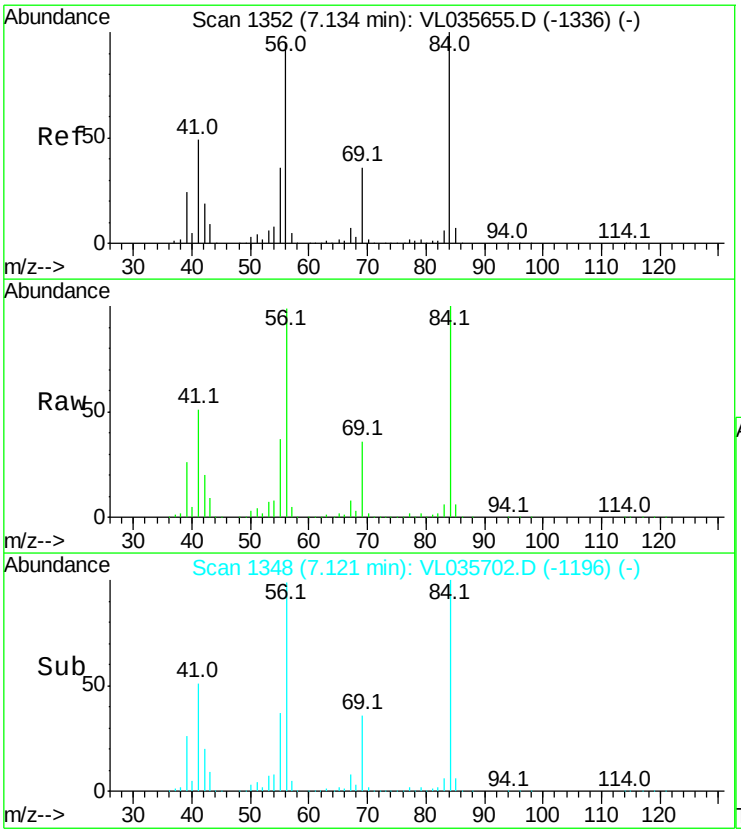
#29
Chloroform
Concen: 10.552 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 83 Resp: 2488939

Ion	Ratio	Lower	Upper
83	100		
85	67.3	53.9	80.9

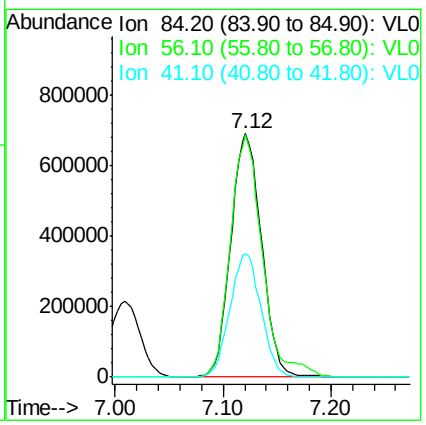


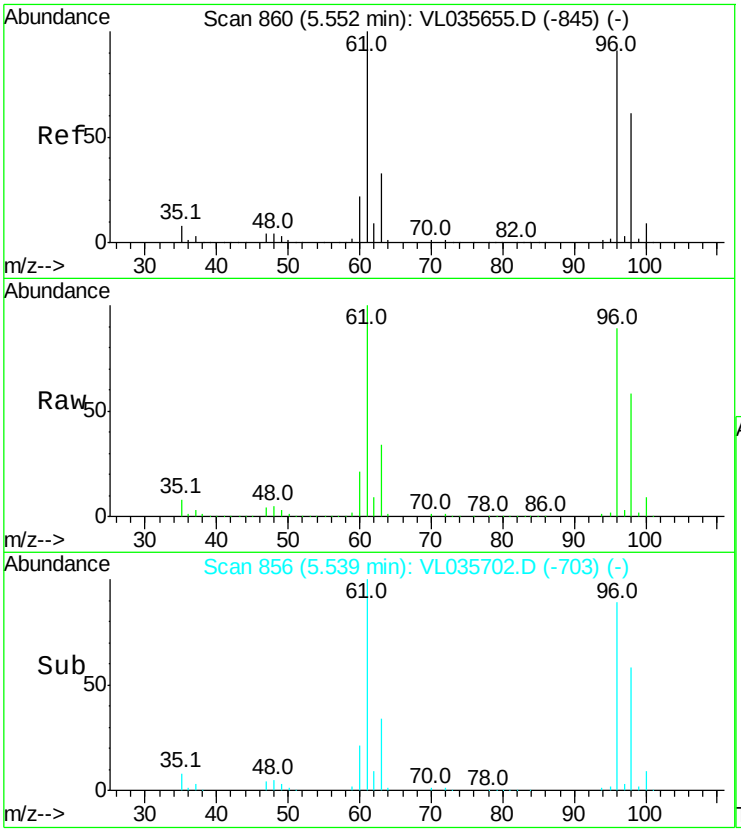


#30
Cyclohexane
Concen: 11.037 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 84 Resp: 1368845

Ion	Ratio	Lower	Upper
84	100		
56	103.7	80.1	120.1
41	51.3	38.1	57.1



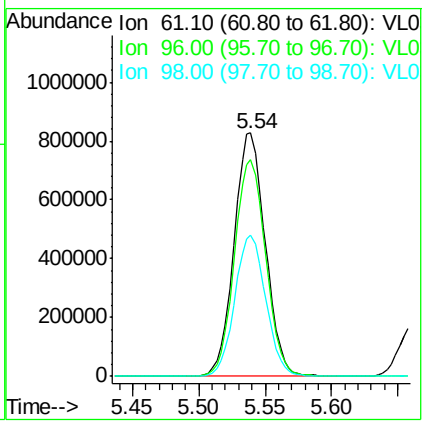


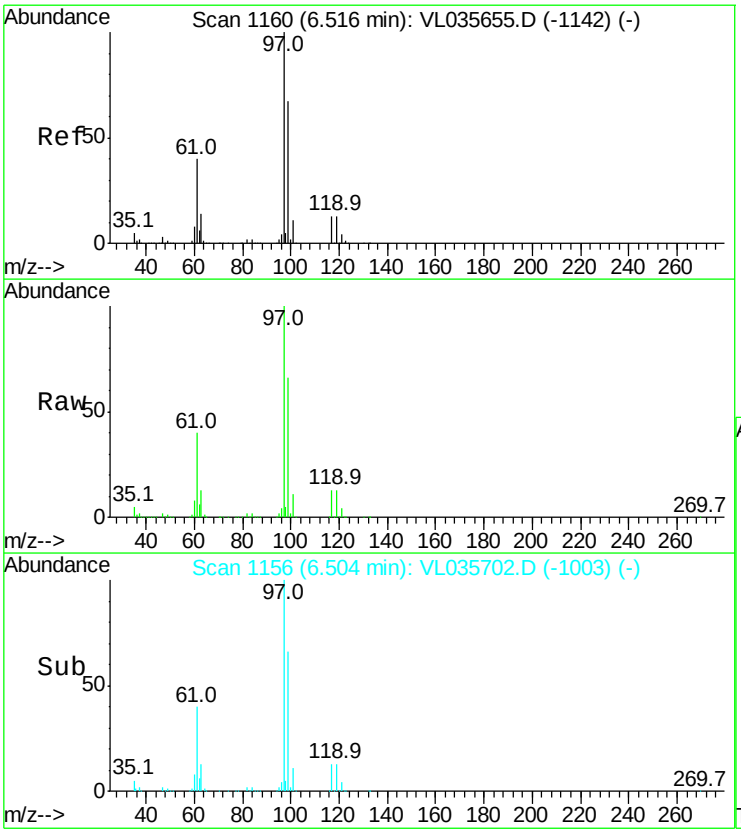
#31
cis-1,2-Dichloroethene
Concen: 11.398 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1353802

Ion	Ratio	Lower	Upper
61	100		
96	88.8	74.4	111.6
98	58.2	49.2	73.8

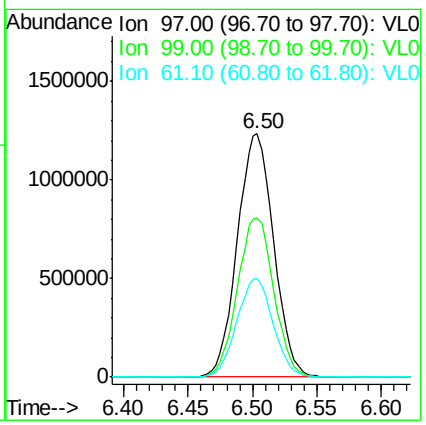


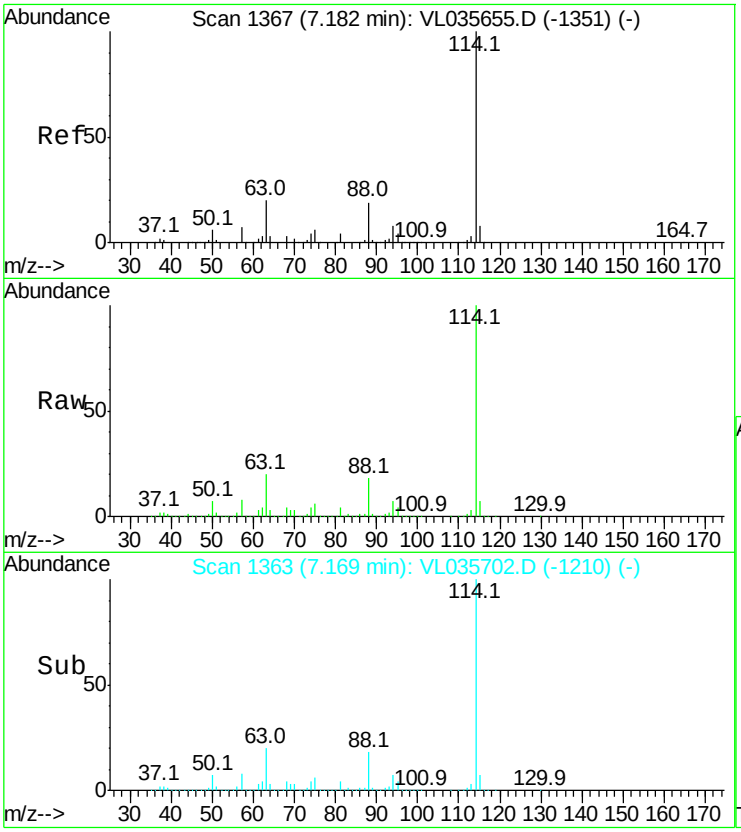


#32
1,1,1-Trichloroethane
Concen: 10.578 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 97 Resp: 2420451

Ion	Ratio	Lower	Upper
97	100		
99	65.7	53.3	79.9
61	40.6	30.6	46.0



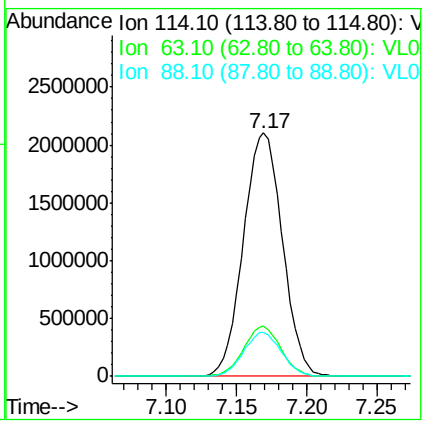


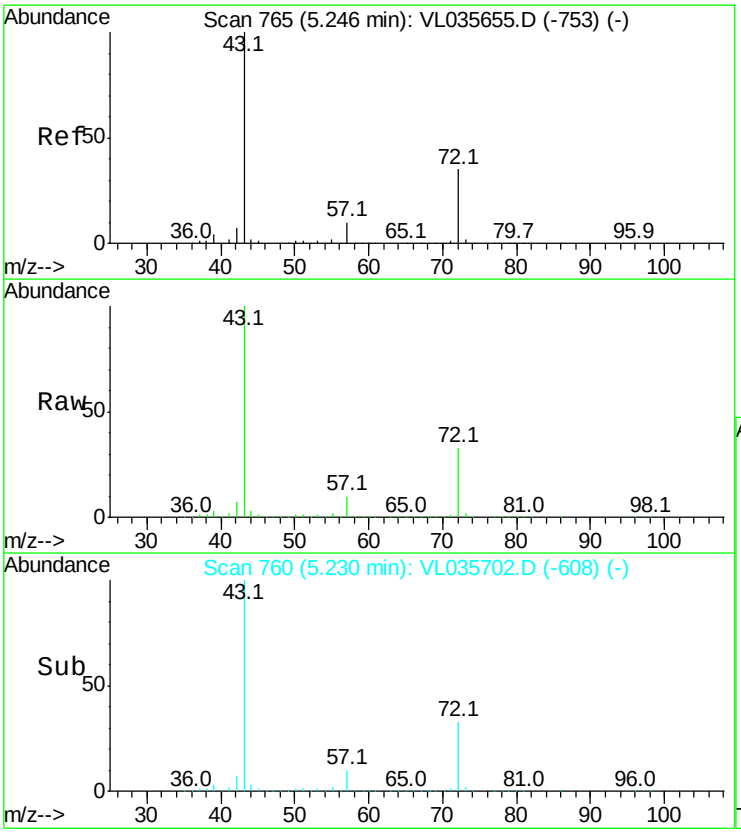
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 4081504

Ion	Ratio	Lower	Upper
114	100		
63	20.0	14.7	22.1
88	17.4	13.4	20.2

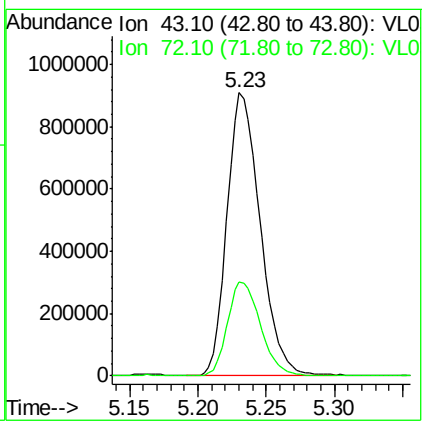


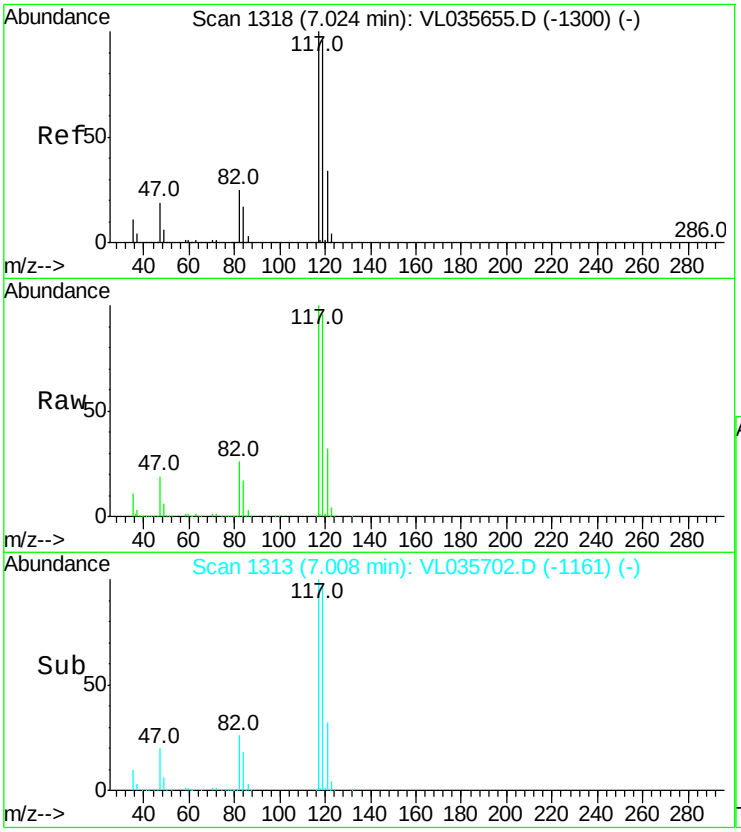


#34
2-Butanone
Concen: 12.691 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 43 Resp: 1537269

Ion	Ratio	Lower	Upper
43	100		
72	33.0	27.7	41.5



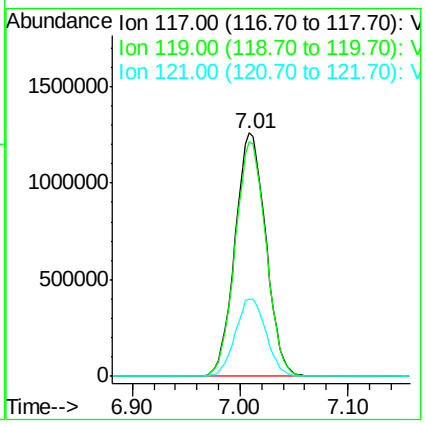


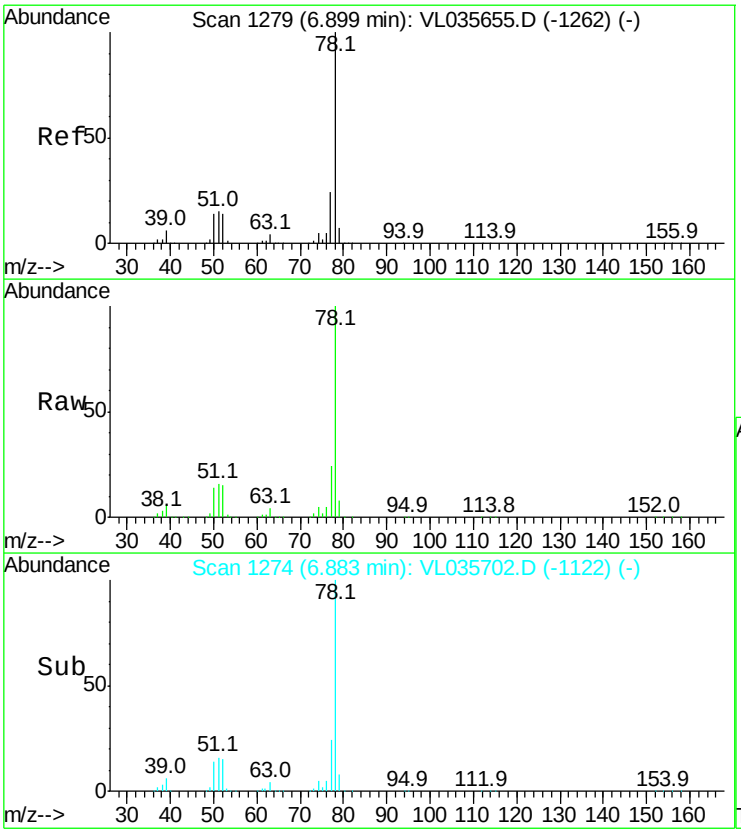
#35
Carbon Tetrachloride
Concen: 12.173 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 2497070

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
121	31.9	26.1	39.1

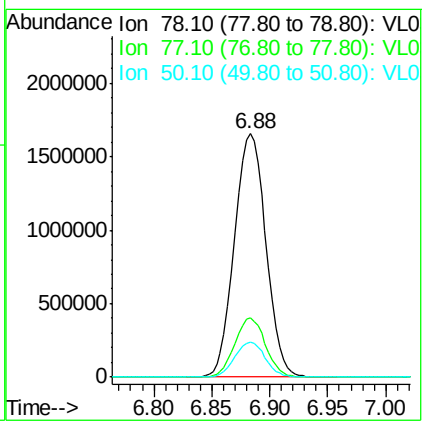


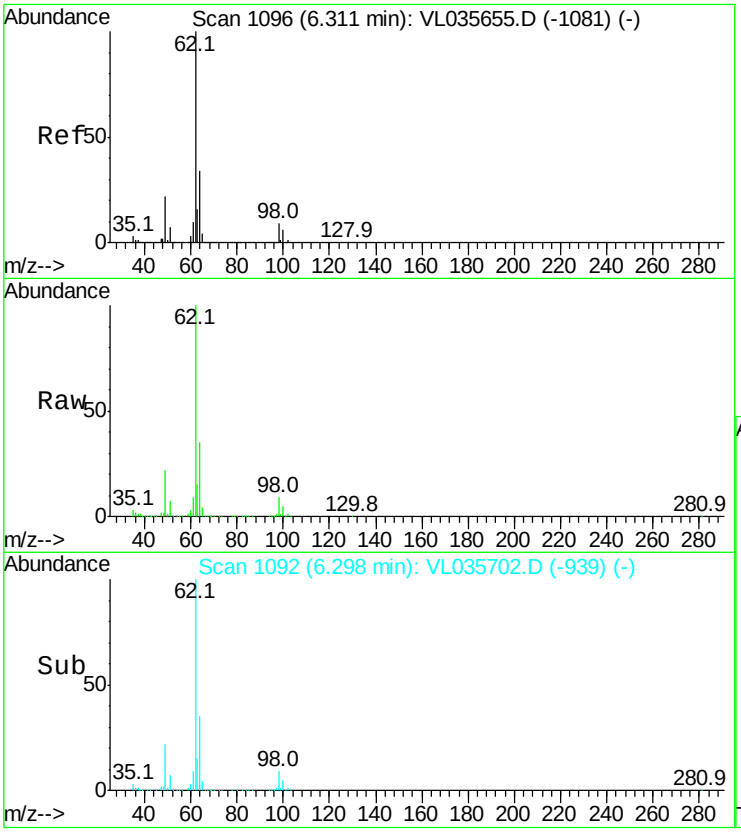


#36
Benzene
Concen: 11.820 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 78 Resp: 3122956

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9
50	14.3	11.0	16.6



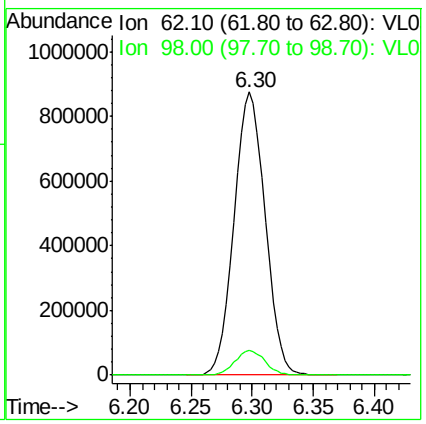


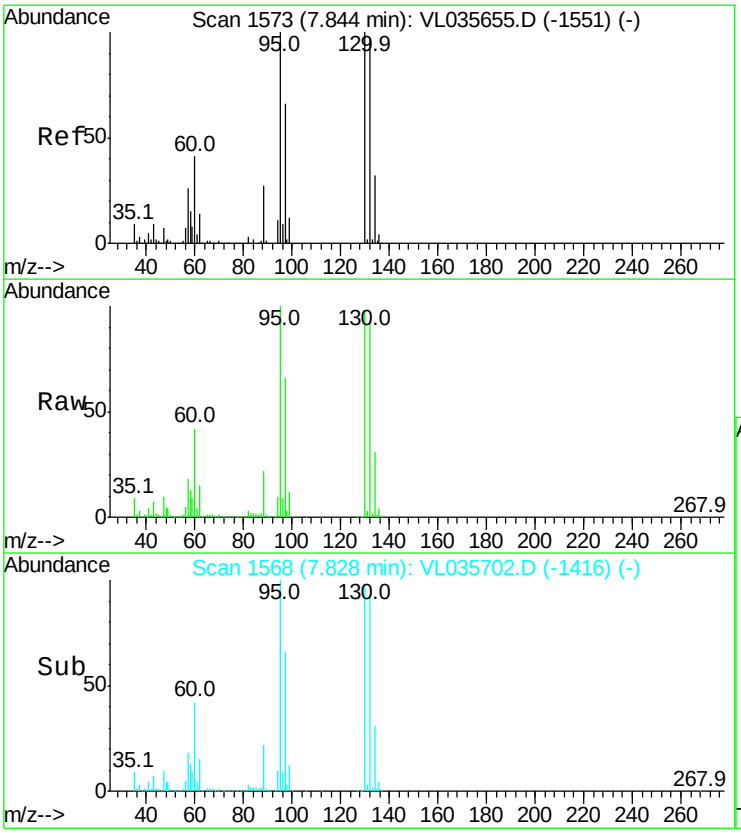
#37
1,2-Dichloroethane
Concen: 12.248 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1542780

Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.4	11.0

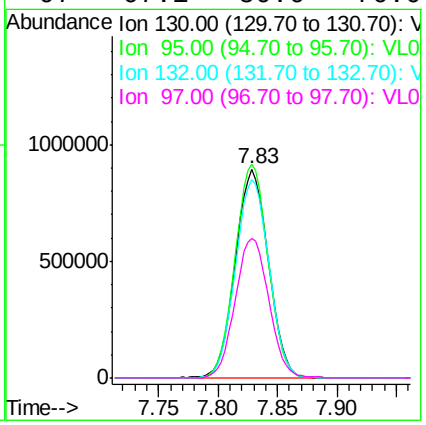


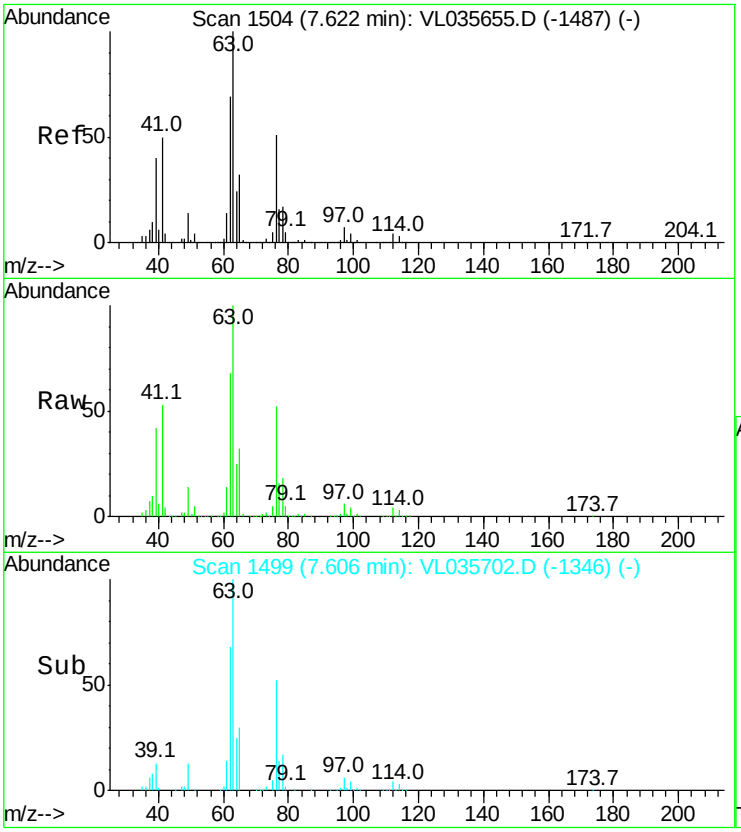


#38
Trichloroethene
Concen: 11.208 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:130 Resp: 1720029

Ion	Ratio	Lower	Upper
130	100		
95	102.3	74.6	112.0
132	95.2	77.6	116.4
97	67.1	50.6	76.0



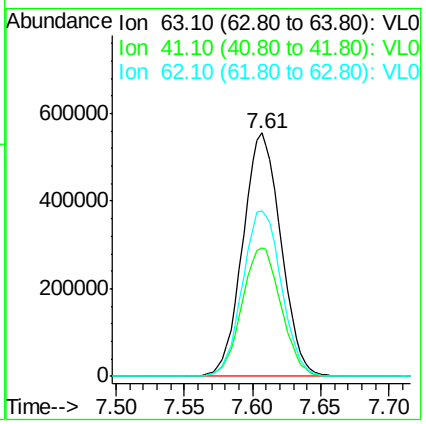


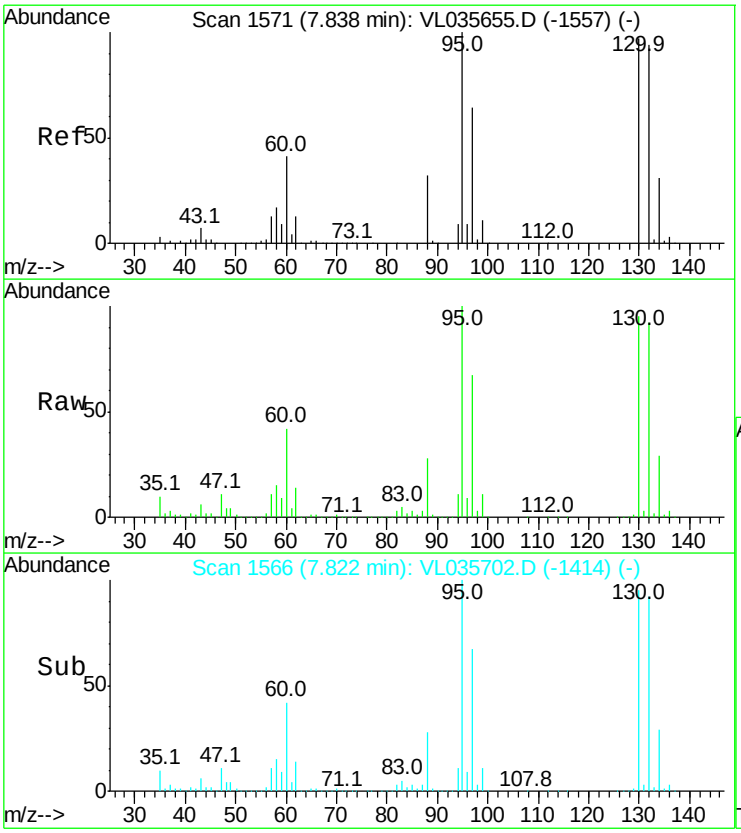
#39
1,2-Dichloropropane
Concen: 12.074 ppbv
RT: 7.61 min Scan# 1499
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 63 Resp: 1077625

Ion	Ratio	Lower	Upper
63	100		
41	52.6	40.0	60.0
62	68.1	55.4	83.0

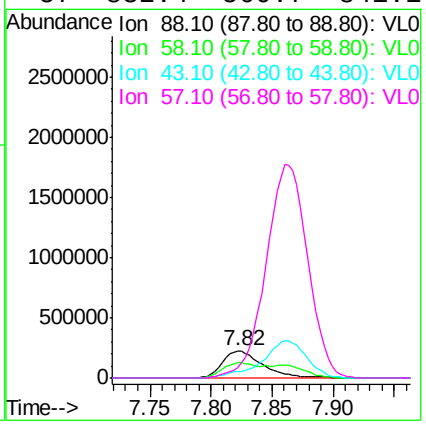


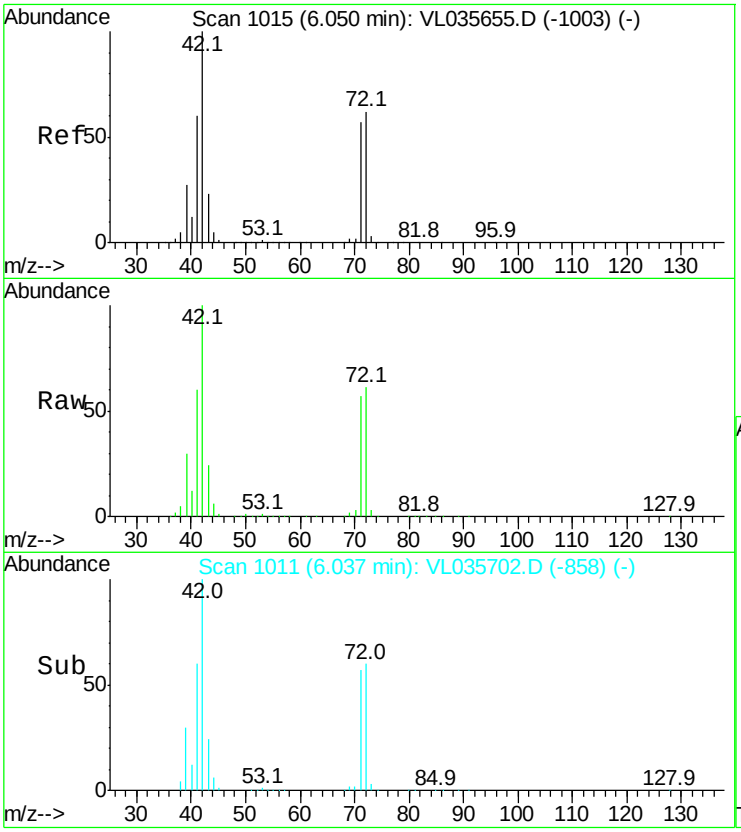


#40
1,4-Dioxane
Concen: 11.398 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 88 Resp: 508190

Ion	Ratio	Lower	Upper
88	100		
58	96.2	68.7	103.1
43	156.3	104.3	156.5
57	832.4	560.7	841.1



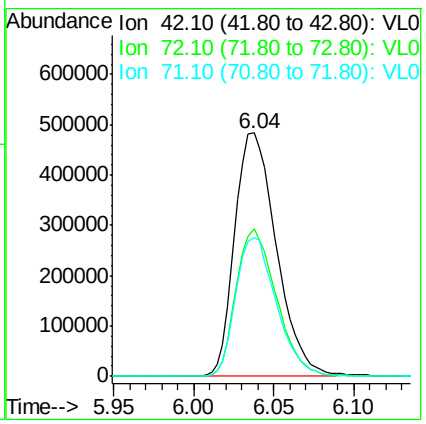


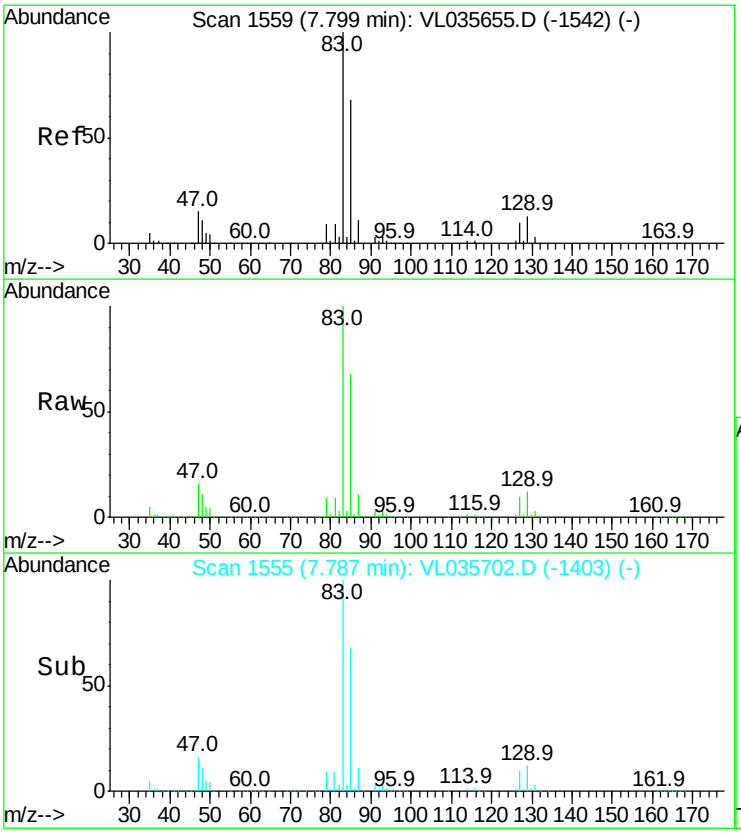
#41
Tetrahydrofuran
Concen: 13.387 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 42 Resp: 859863

Ion	Ratio	Lower	Upper
42	100		
72	58.9	48.6	73.0
71	55.7	46.1	69.1

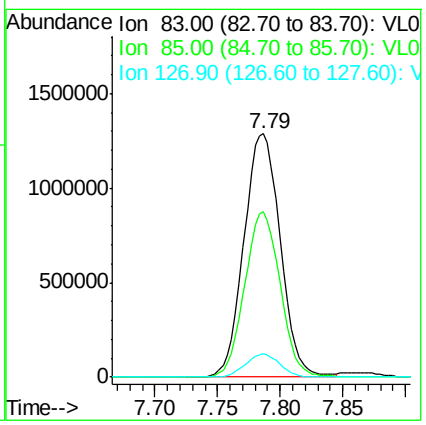


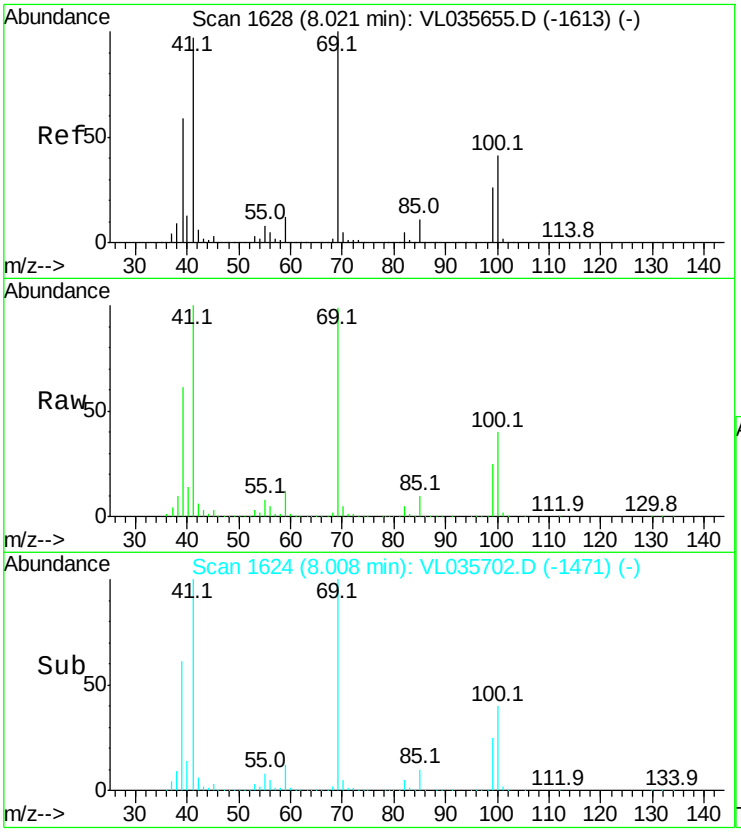


#42
Bromodichloromethane
Concen: 12.784 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 83 Resp: 2603938

Ion	Ratio	Lower	Upper
83	100		
85	68.1	53.7	80.5
127	9.5	8.1	12.1



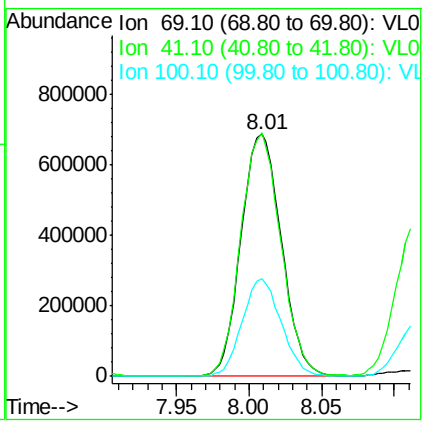


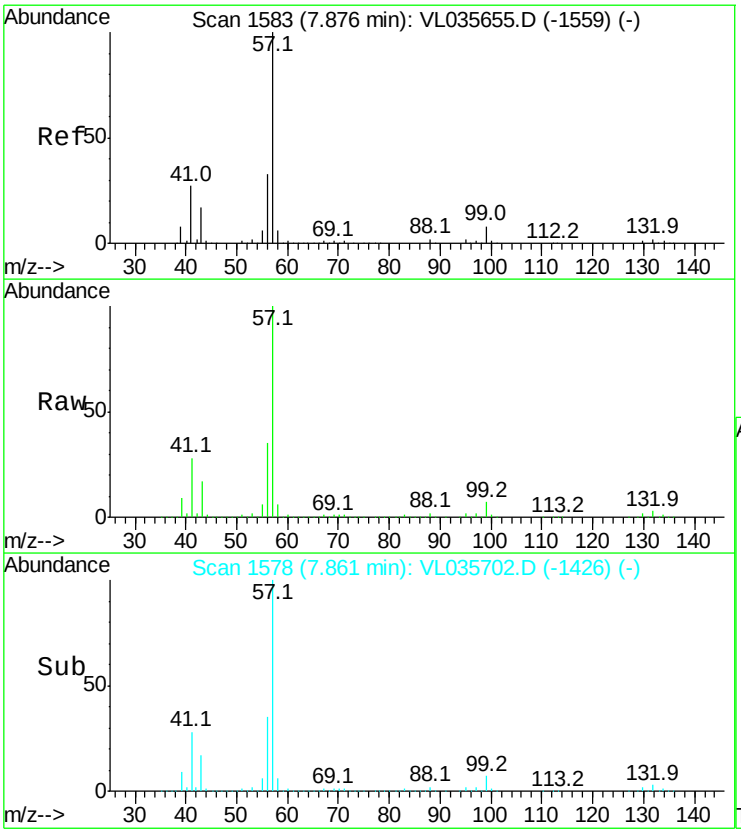
#43
Methyl Methacrylate
Concen: 13.046 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1332802

Ion	Ratio	Lower	Upper
69	100		
41	99.8	76.6	114.8
100	39.0	33.8	50.6

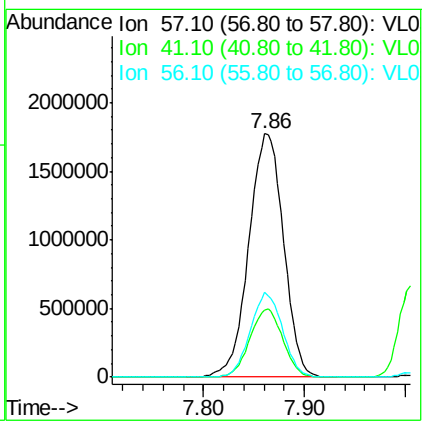


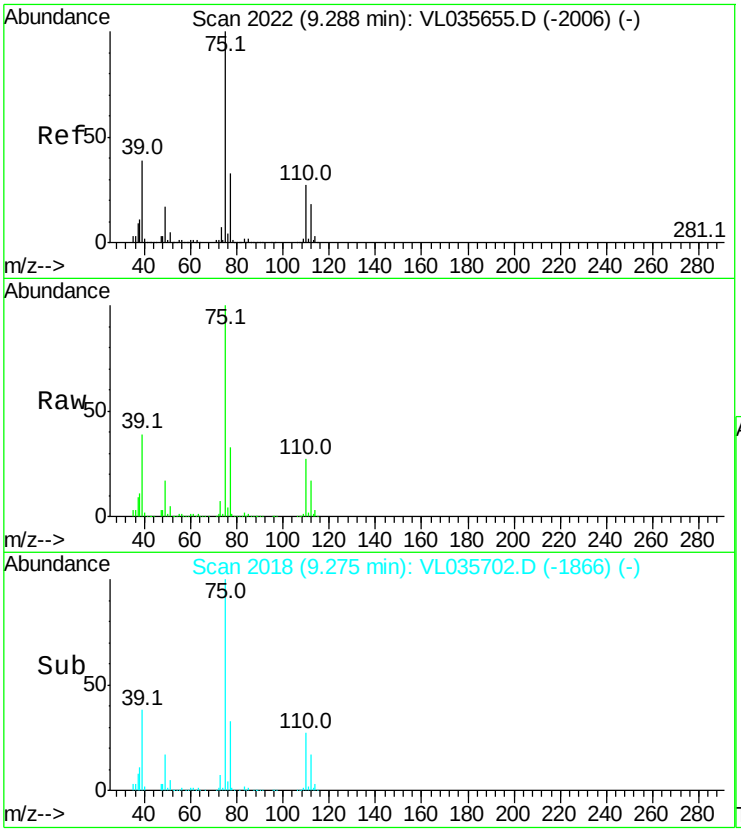


#44
2,2,4-Trimethylpentane
Concen: 12.158 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 57 Resp: 4226545

Ion	Ratio	Lower	Upper
57	100		
41	26.6	20.5	30.7
56	32.3	25.3	37.9



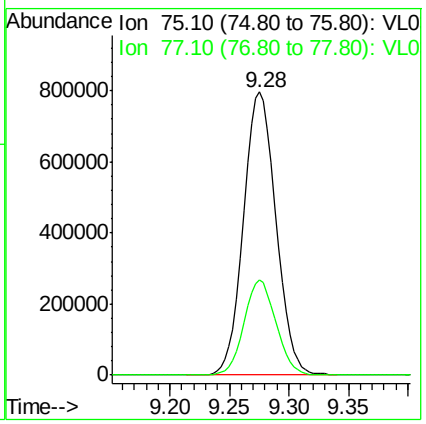


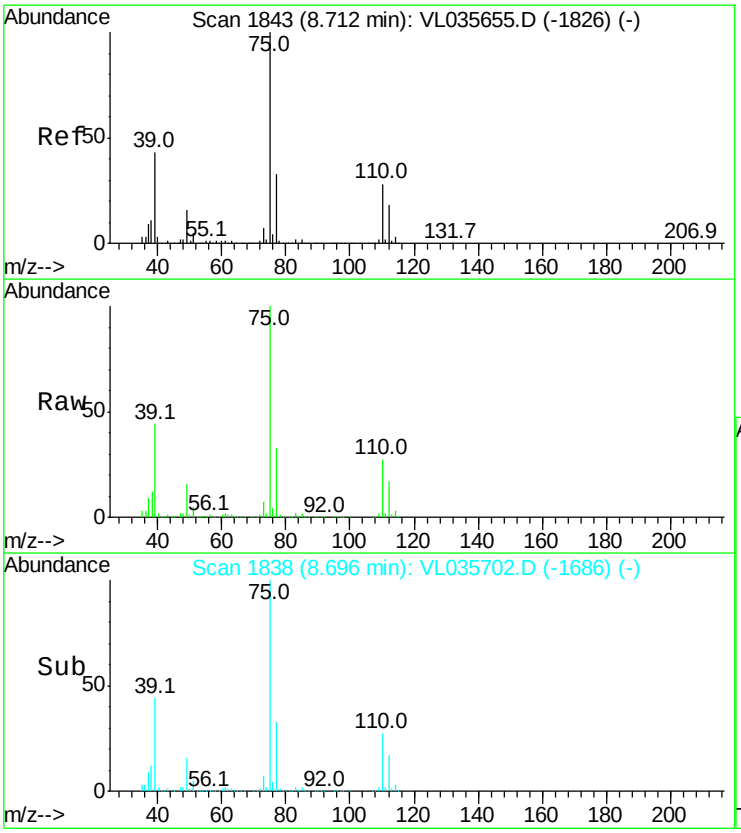
#45
t-1,3-Dichloropropene
Concen: 14.571 ppbv
RT: 9.28 min Scan# 2018
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 75 Resp: 1507998

Ion	Ratio	Lower	Upper
75	100		
77	33.4	26.5	39.7

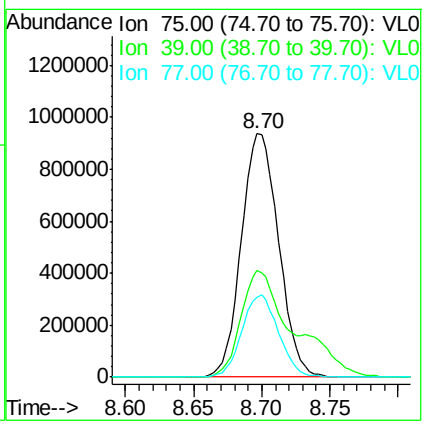


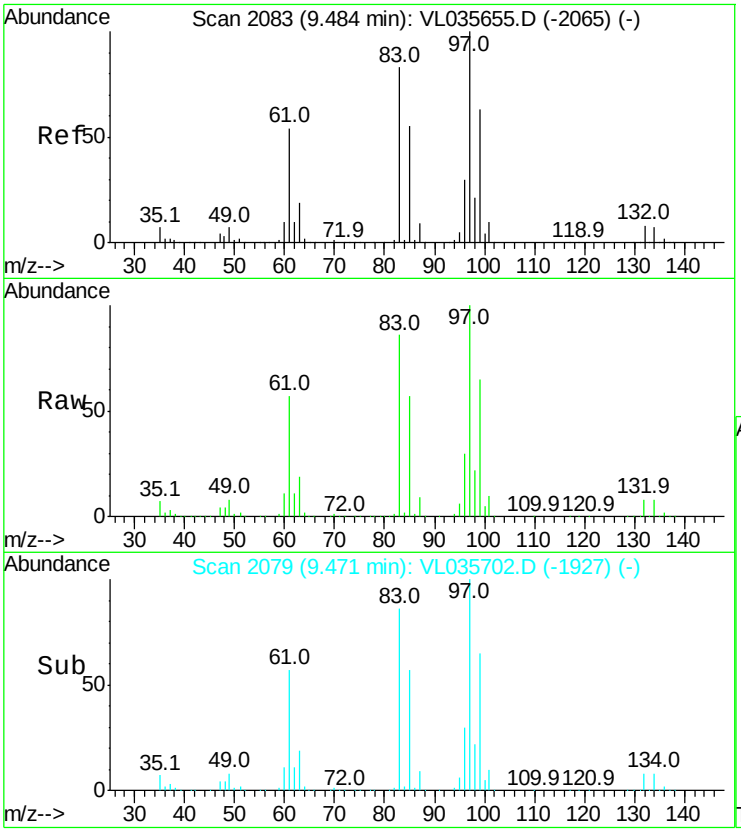


#46
cis-1,3-Dichloropropene
Concen: 13.835 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 75 Resp: 1777718

Ion	Ratio	Lower	Upper
75	100		
39	43.6	33.7	50.5
77	33.0	27.8	41.6



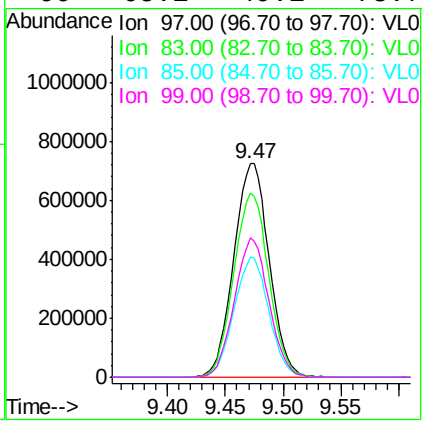


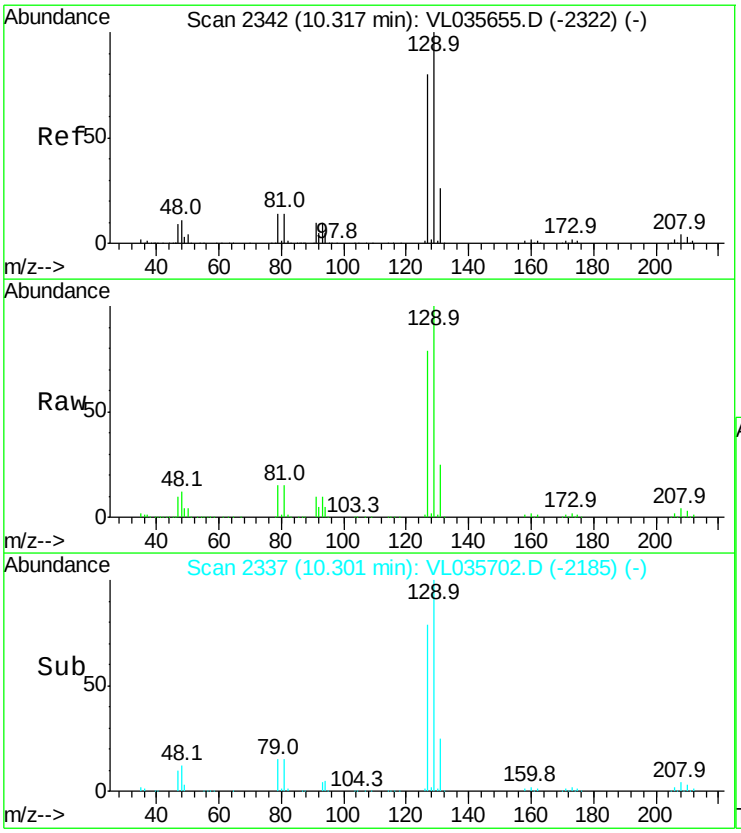
#47
1,1,2-Trichloroethane
Concen: 11.667 ppbv
RT: 9.47 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 1536532

Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.4	98.2
85	56.5	43.7	65.5
99	65.1	49.1	73.7

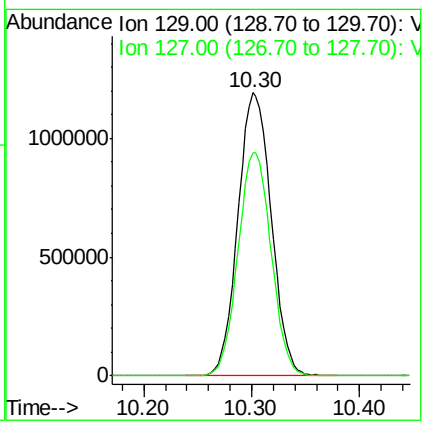


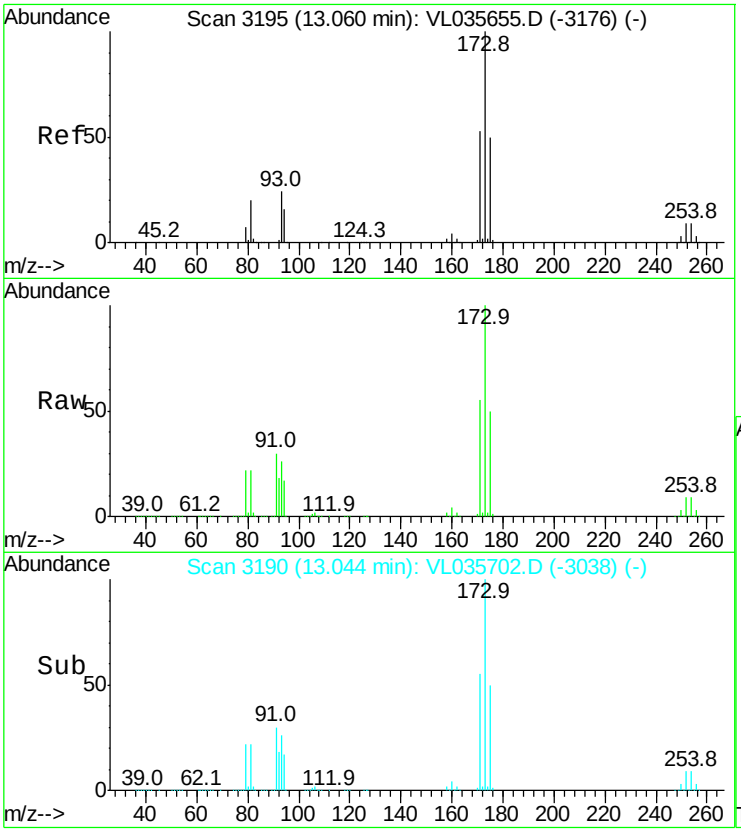


#48
Dibromochloromethane
Concen: 12.375 ppbv
RT: 10.30 min Scan# 2337
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:129 Resp: 2564864

Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.3	117.8



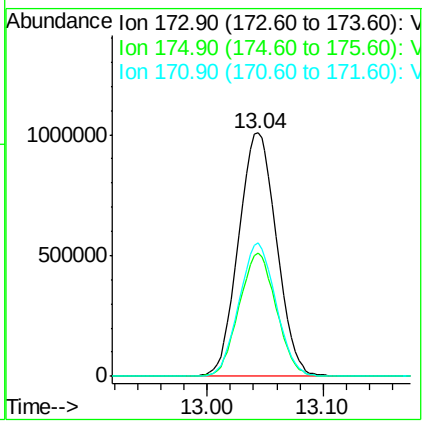


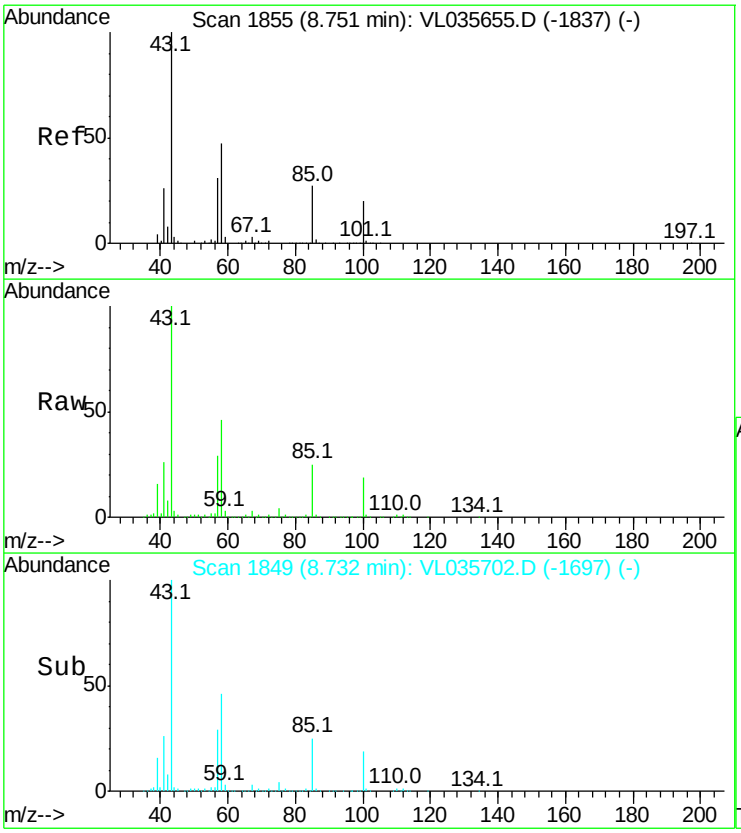
#49
Bromoform
Concen: 12.251 ppbv
RT: 13.04 min Scan# 3190
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 2301245

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.8	59.8
171	53.2	42.4	63.6

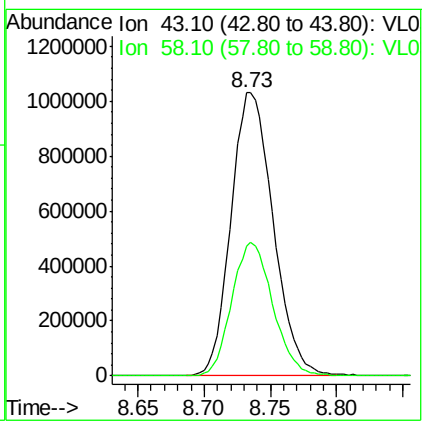


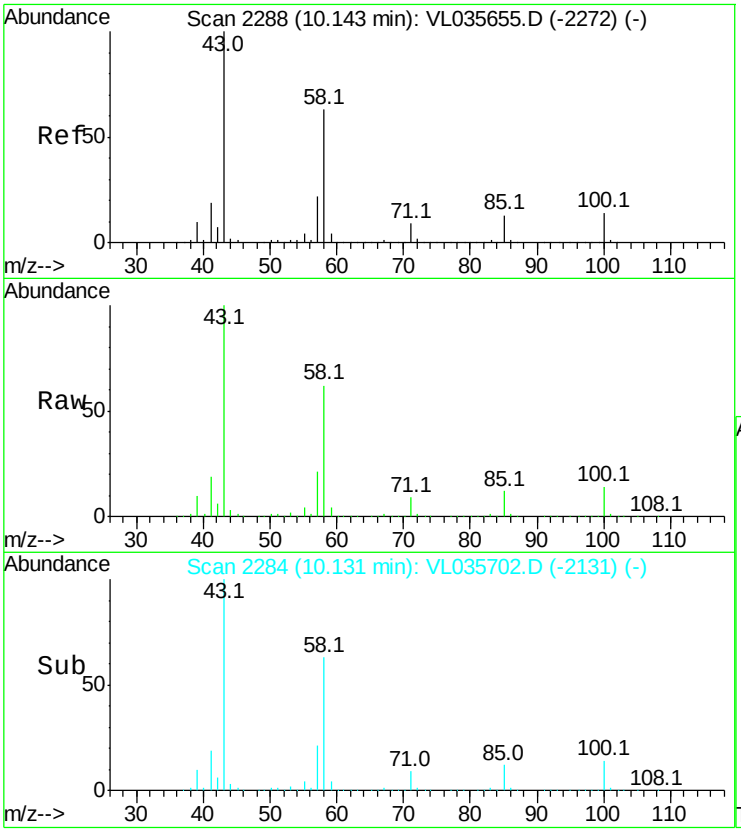


#50
4-Methyl-2-Pentanone
Concen: 12.970 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 43 Resp: 2274885

Ion	Ratio	Lower	Upper
43	100		
58	46.1	37.4	56.0



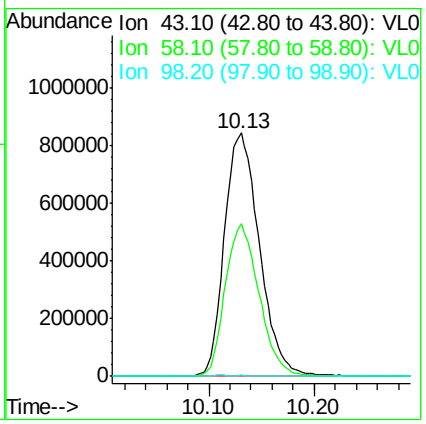


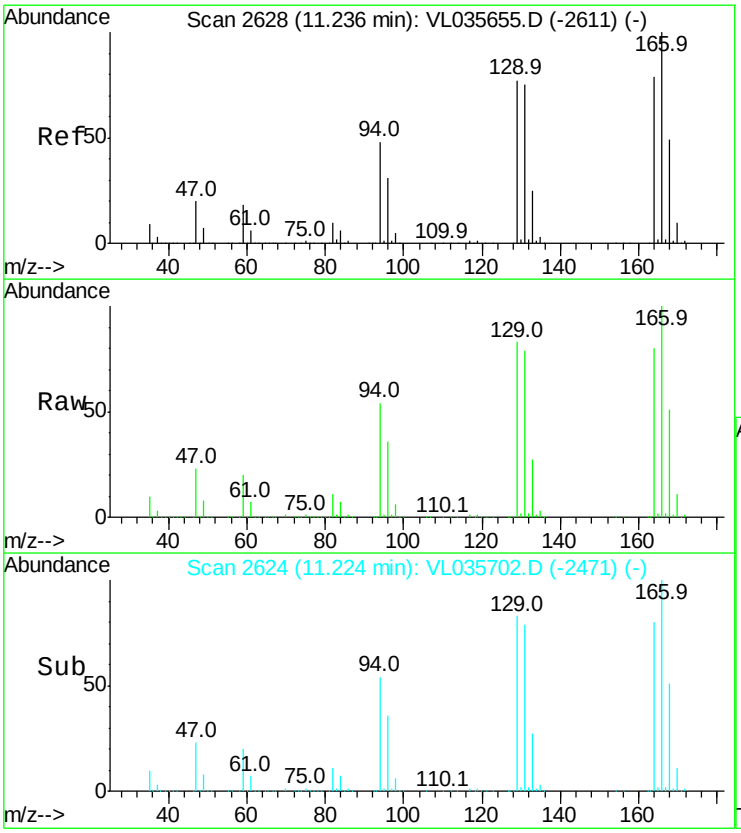
#51
2-Hexanone
Concen: 13.459 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1936499

Ion	Ratio	Lower	Upper
43	100		
58	61.0	50.2	75.4
98	0.7	0.4	0.6#

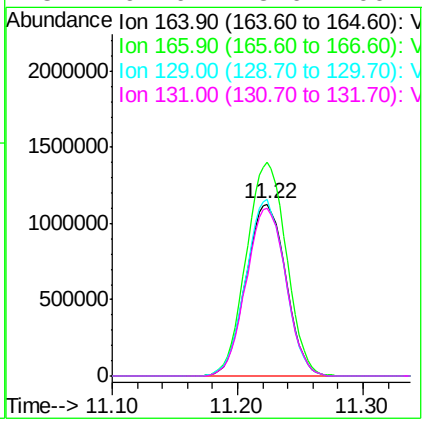


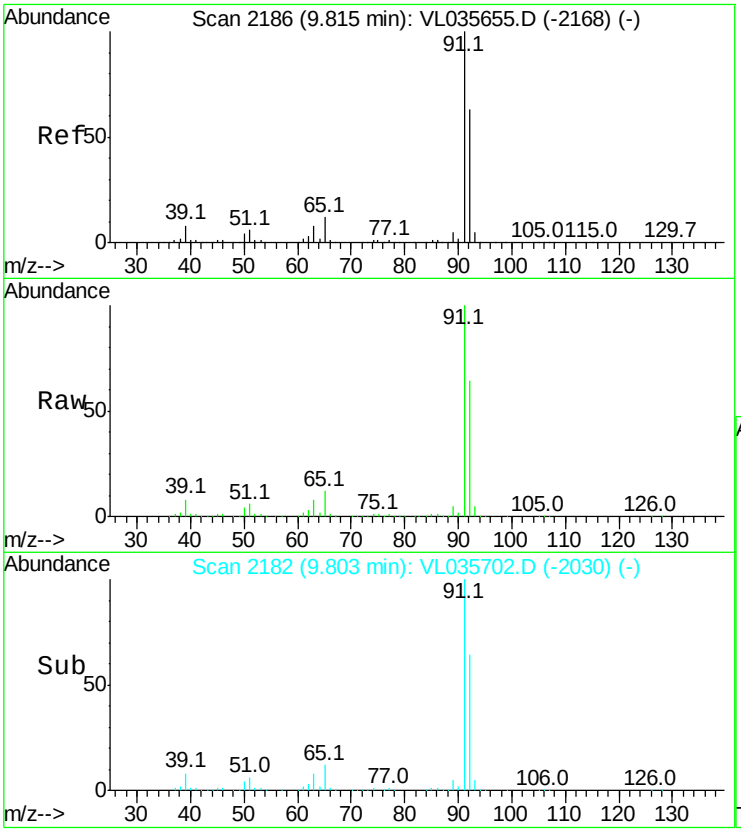


#52
Tetrachloroethene
Concen: 16.223 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:164 Resp: 2504012

Ion	Ratio	Lower	Upper
164	100		
166	124.3	100.9	151.3
129	103.1	75.3	112.9
131	97.6	73.0	109.4



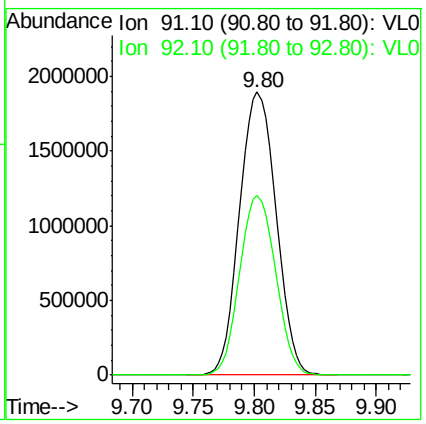


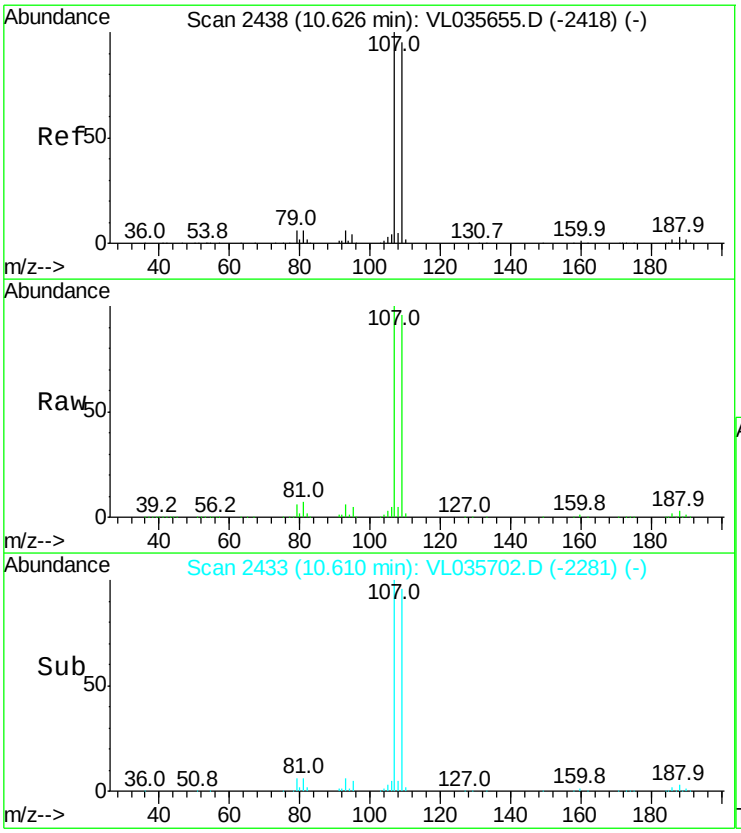
#53
Toluene
Concen: 11.853 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3938112

Ion	Ratio	Lower	Upper
91	100		
92	62.4	49.8	74.8

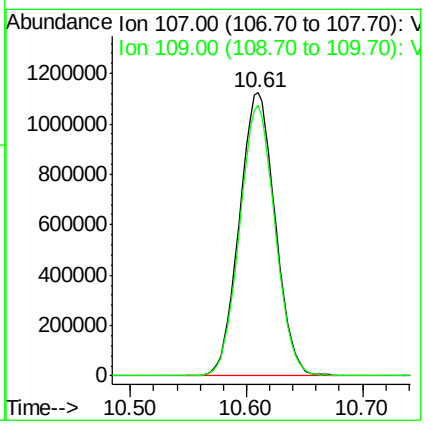


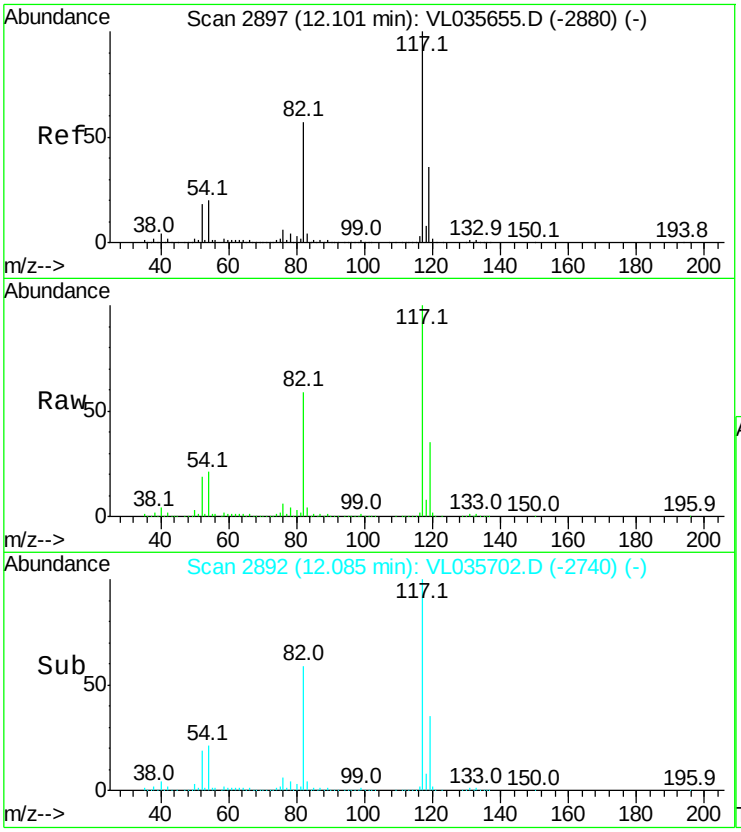


#54
1,2-Dibromoethane
Concen: 11.609 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:107 Resp: 2415721

Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.8	116.8



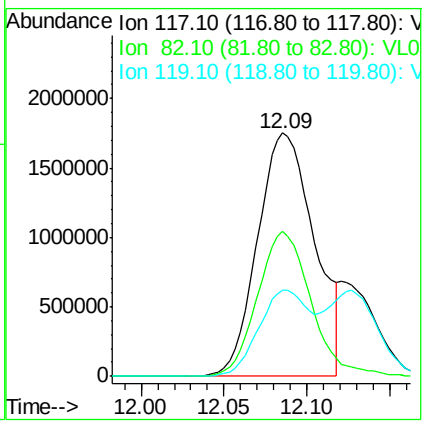


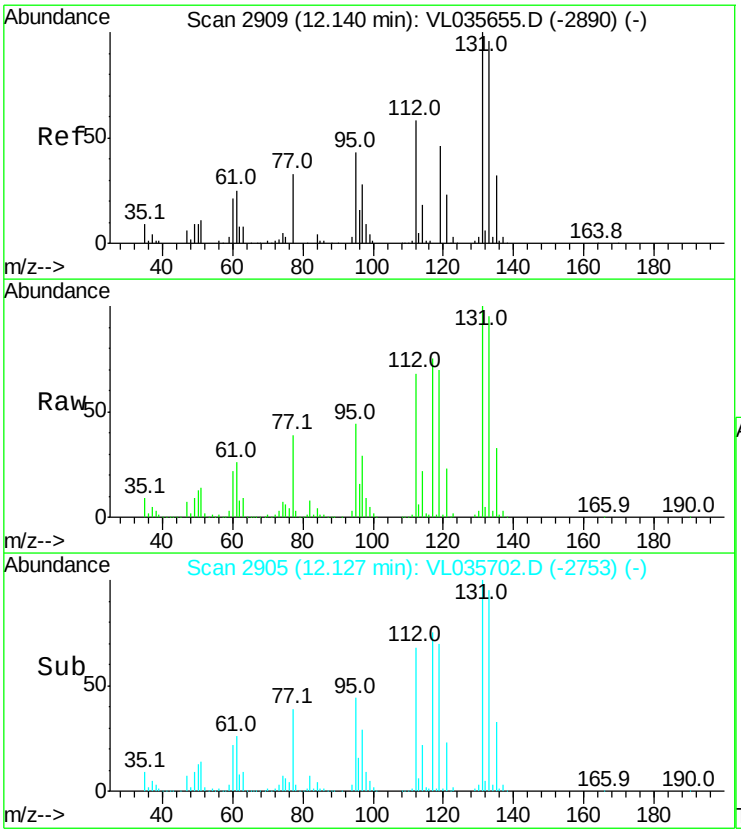
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 4180146

Ion	Ratio	Lower	Upper
117	100		
82	56.4	41.6	62.4
119	31.1	29.3	43.9

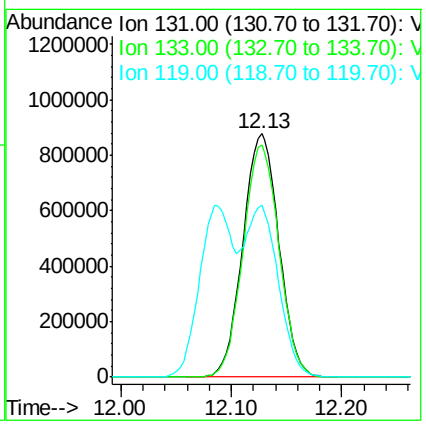


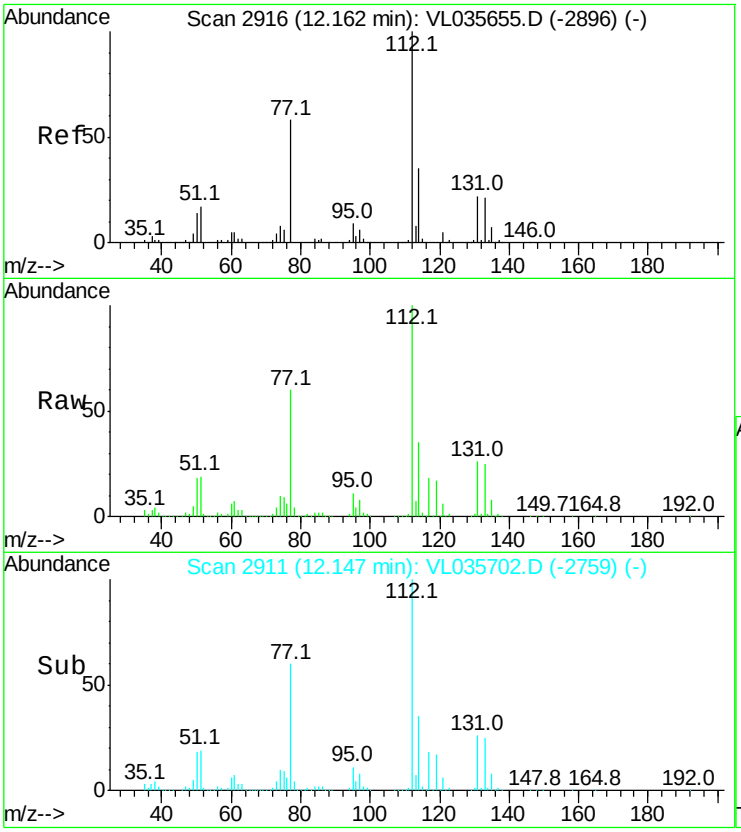


#56
1,1,1,2-Tetrachloroethane
Concen: 11.690 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:131 Resp: 1988346

Ion	Ratio	Lower	Upper
131	100		
133	95.2	76.6	115.0
119	59.2	51.6	77.4



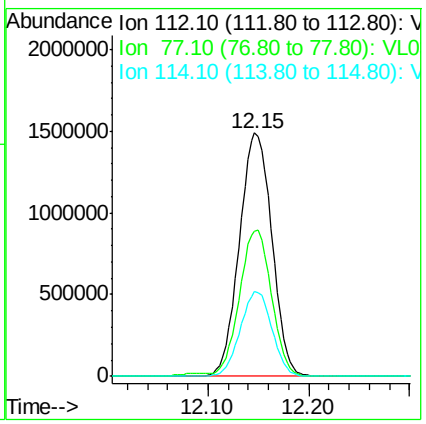


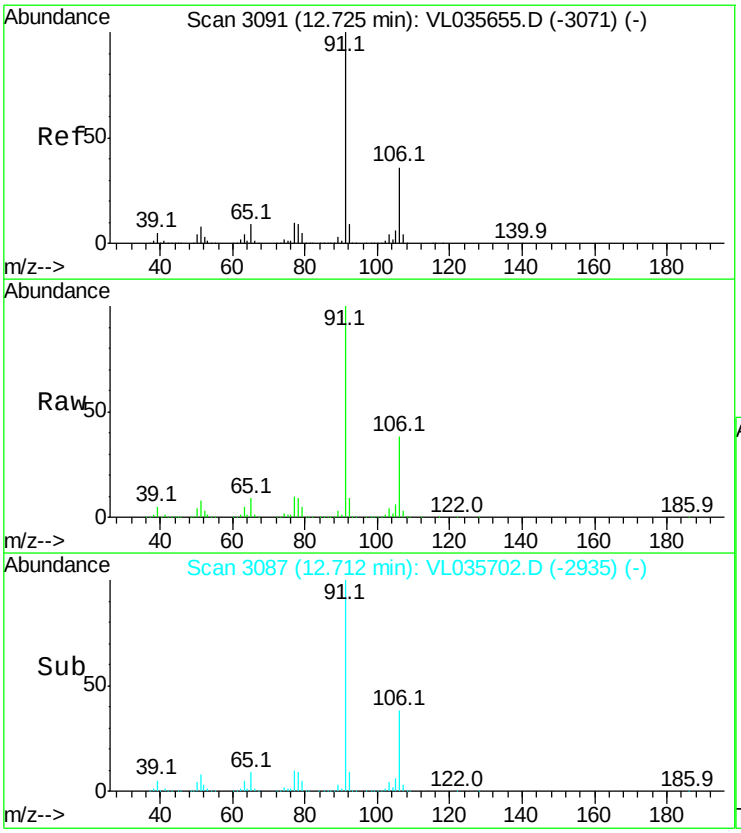
#57
Chlorobenzene
Concen: 10.803 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 3323431

Ion	Ratio	Lower	Upper
112	100		
77	59.7	44.2	66.4
114	34.6	31.6	38.6

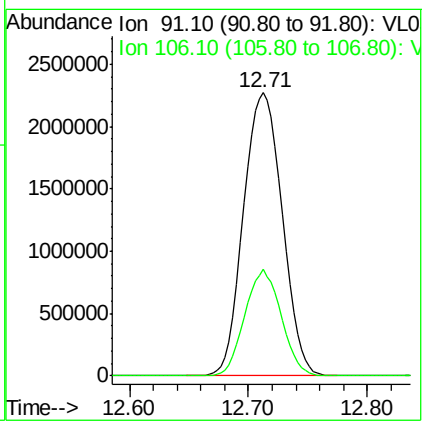


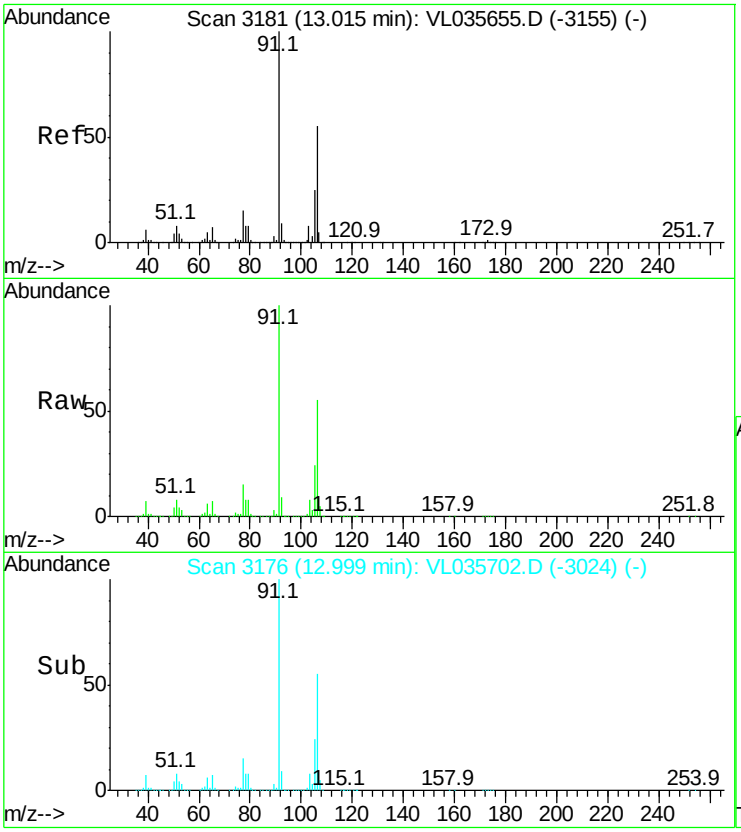


#58
Ethyl Benzene
Concen: 11.896 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 91 Resp: 5127699

Ion	Ratio	Lower	Upper
91	100		
106	37.6	30.3	45.5



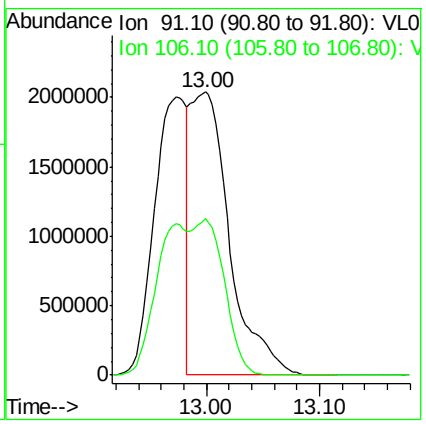


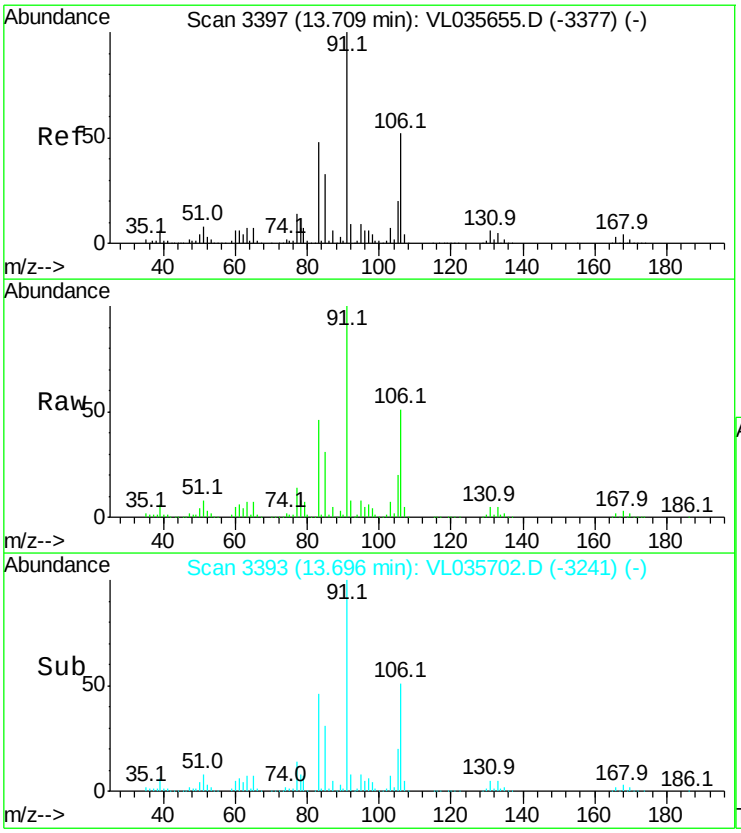
#59
m/p-Xylene
Concen: 13.454 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 4846058

Ion	Ratio	Lower	Upper
91	100		
106	90.9	43.4	65.2#

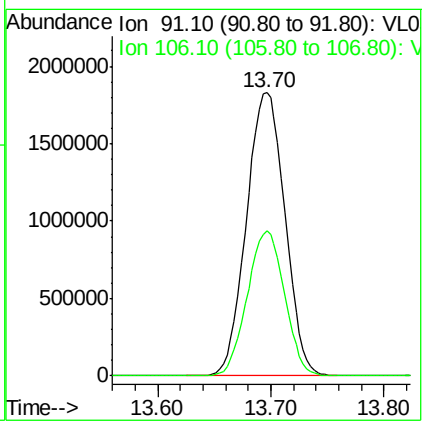


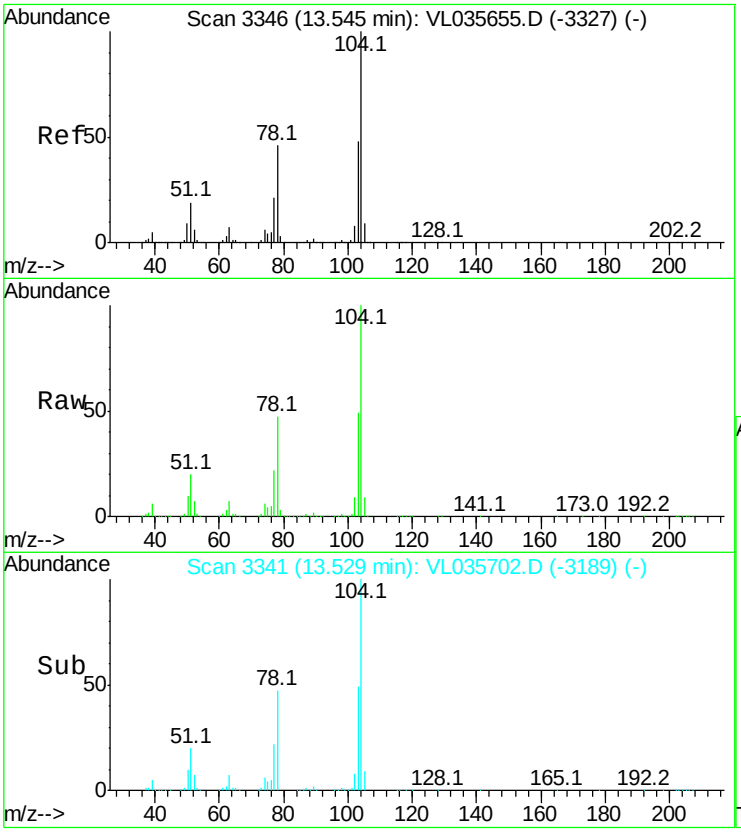


#60
o-Xylene
Concen: 11.904 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 91 Resp: 4318561

Ion	Ratio	Lower	Upper
91	100		
106	49.7	25.8	77.4



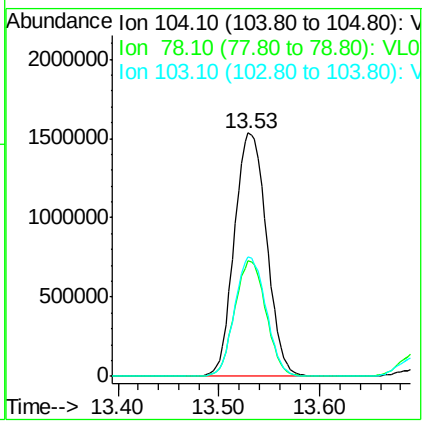


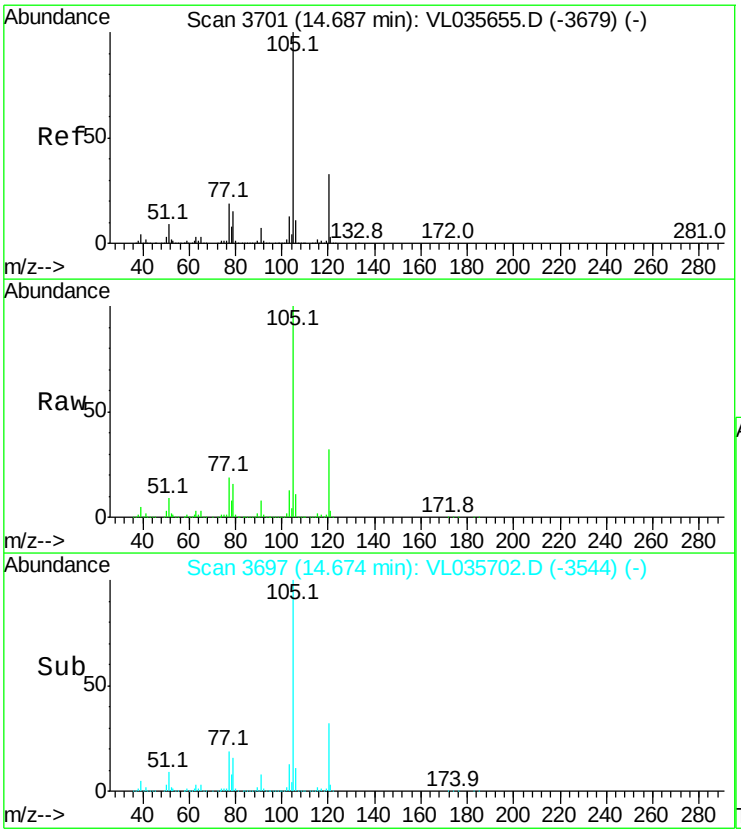
#61
Styrene
Concen: 12.269 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:104 Resp: 3404159

Ion	Ratio	Lower	Upper
104	100		
78	46.1	34.8	52.2
103	47.8	38.2	57.4

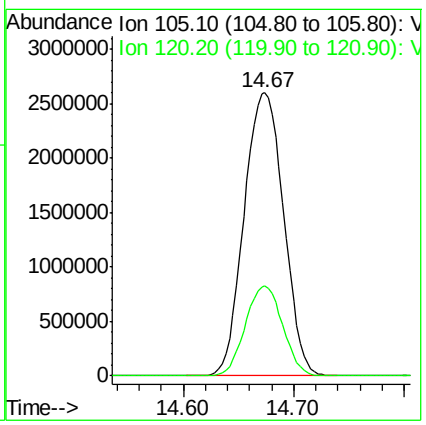


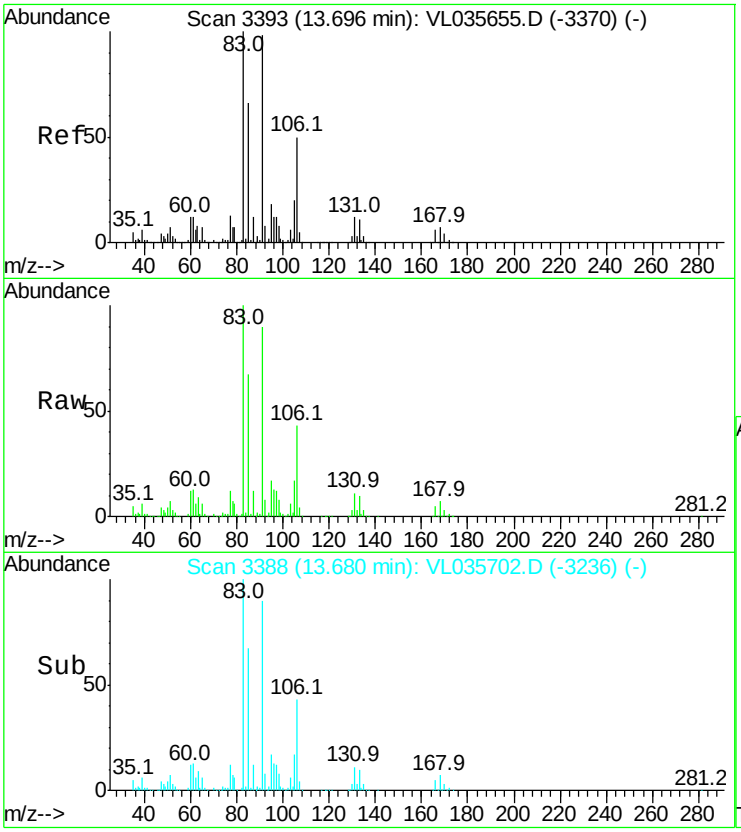


#62
Isopropylbenzene
Concen: 11.086 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:105 Resp: 6460079

Ion	Ratio	Lower	Upper
105	100		
120	30.0	25.0	37.4



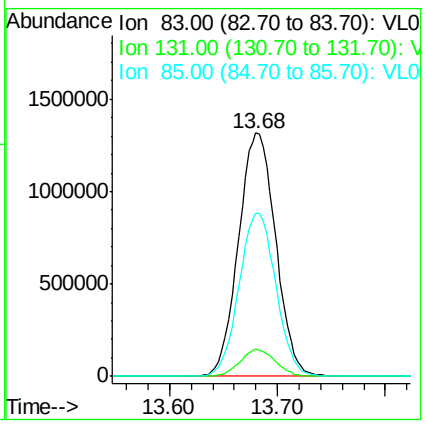


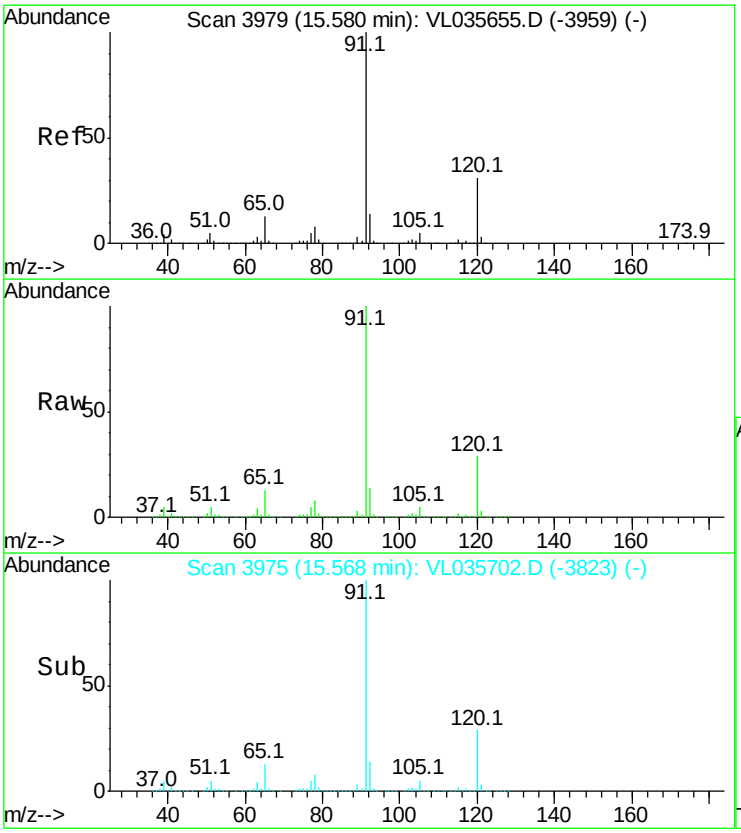
#63
1,1,2,2-Tetrachloroethane
Concen: 11.222 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 3156364

Ion	Ratio	Lower	Upper
83	100		
131	10.6	6.0	18.0
85	66.5	33.4	100.2

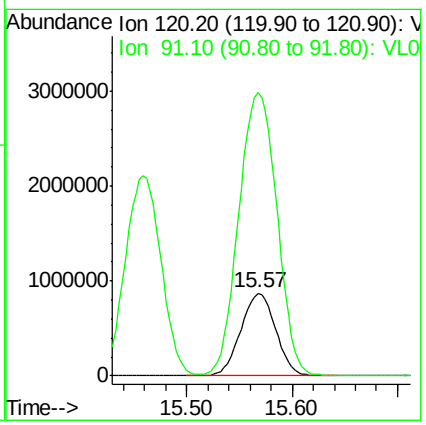


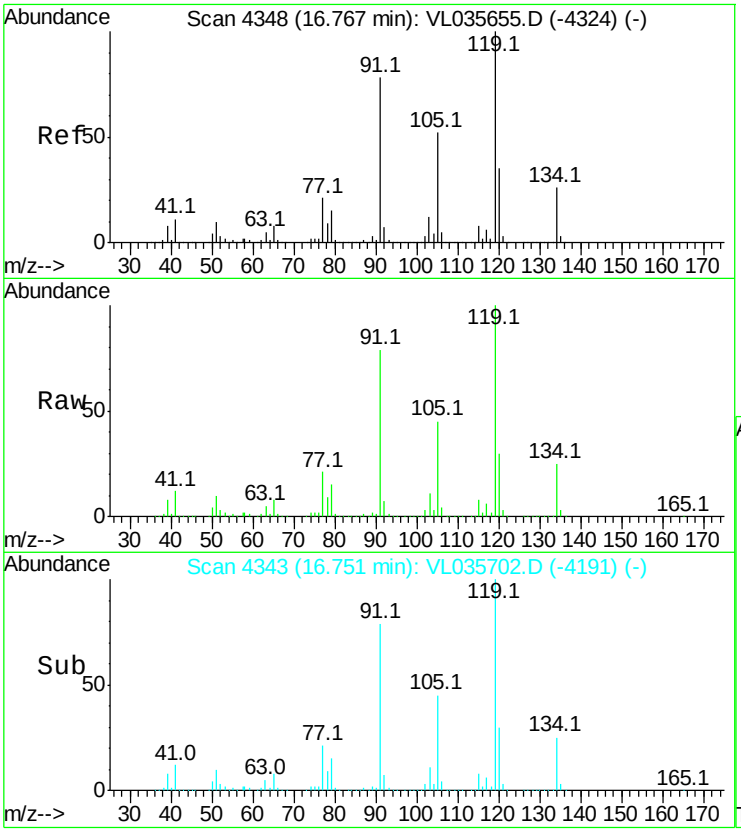


#64
n-propylbenzene
Concen: 11.244 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:120 Resp: 1999643

Ion	Ratio	Lower	Upper
120	100		
91	377.1	279.4	419.0



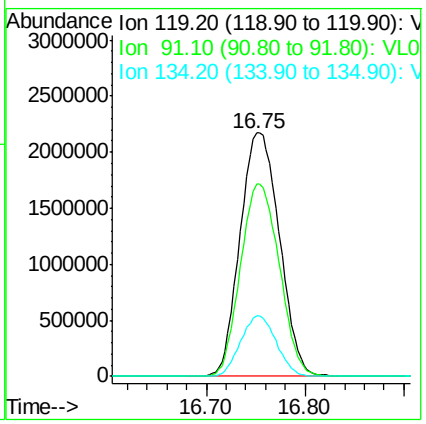


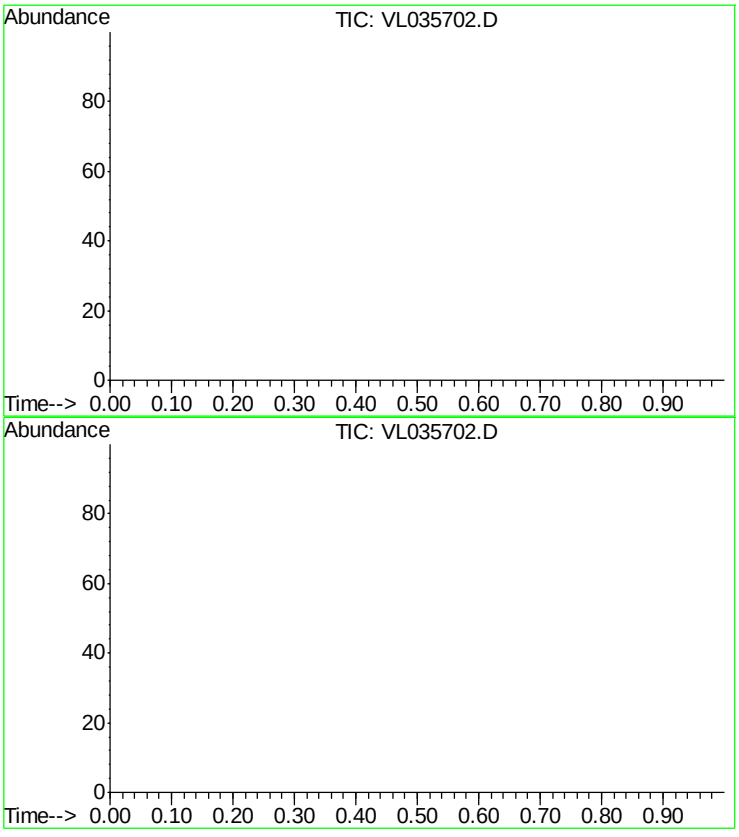
#65
tert-Butylbenzene
Concen: 11.055 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 5988379

Ion	Ratio	Lower	Upper
119	100		
91	78.0	58.6	87.8
134	22.6	18.9	28.3



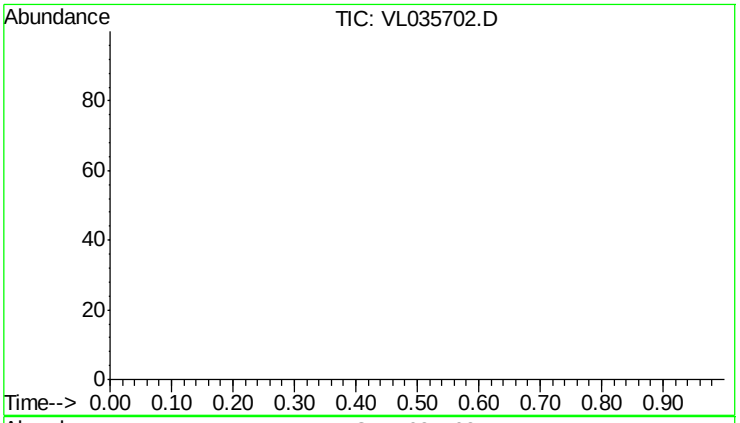


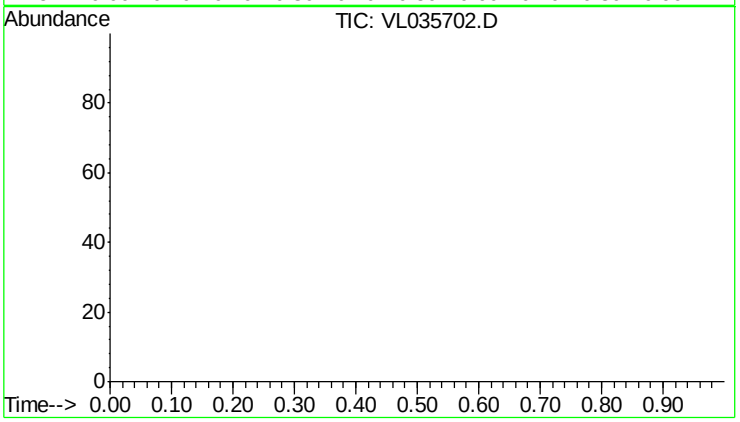
#66

Concen: 0.000
Expected RT: 0.00 min

Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: TIC





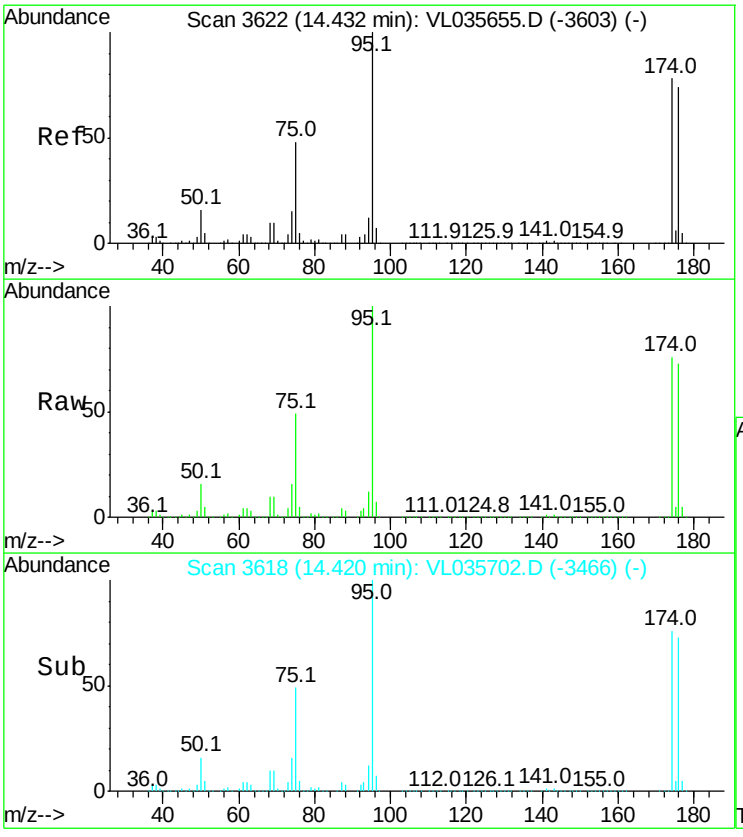
#67

Concen: 0.000
Expected RT: 0.00 min

Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: TIC

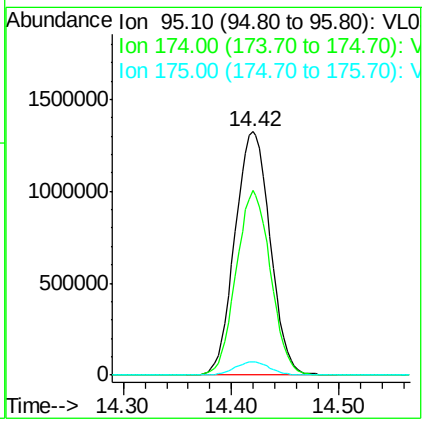
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

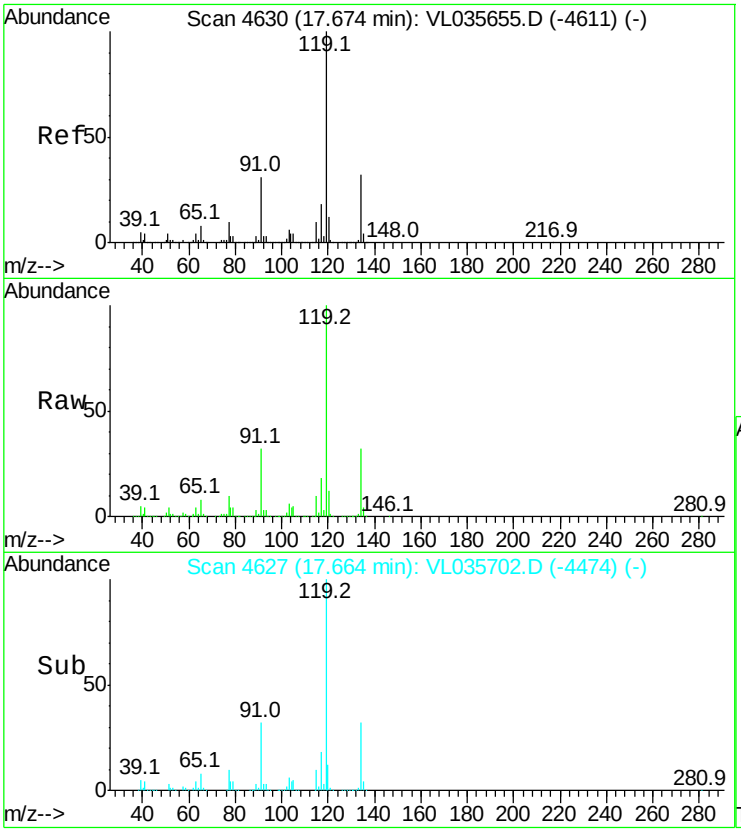


#68
1-Bromo-4-Fluorobenzene
Concen: 10.105 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 95 Resp: 2999811

Ion	Ratio	Lower	Upper
95	100		
174	74.3	69.6	104.4
175	5.3	5.1	7.7



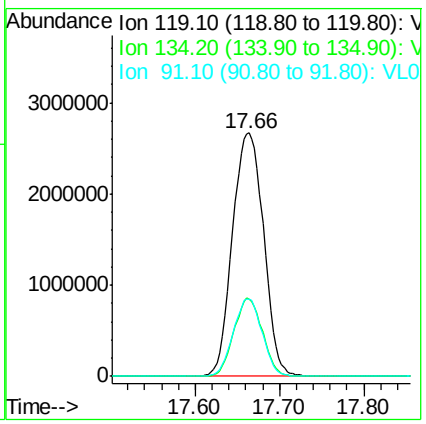


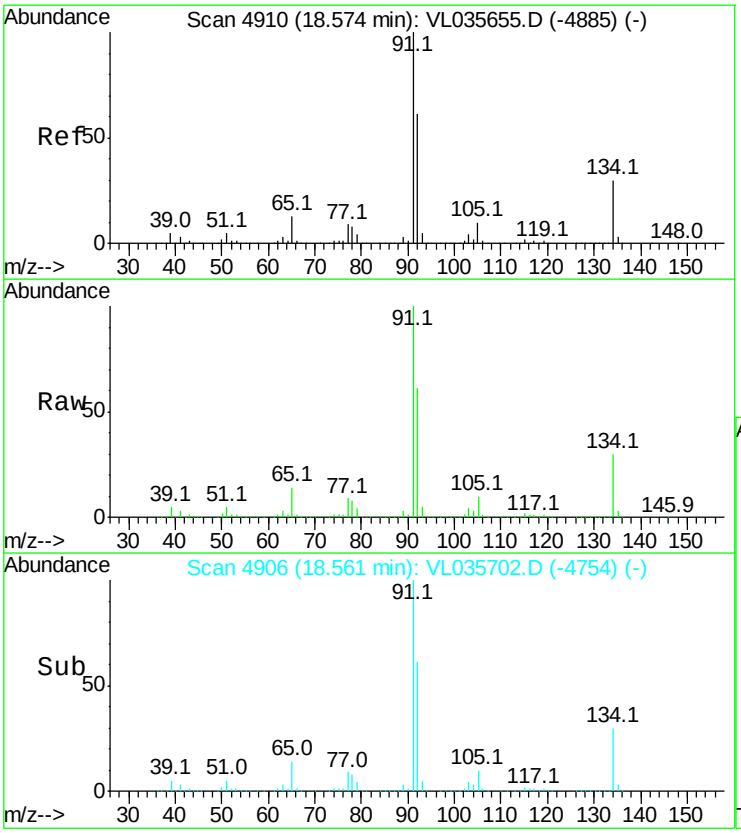
#69
p-Isopropyltoluene
Concen: 10.834 ppbv
RT: 17.66 min Scan# 4627
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 6858570

Ion	Ratio	Lower	Upper
119	100		
134	29.5	25.0	37.4
91	29.6	22.3	33.5

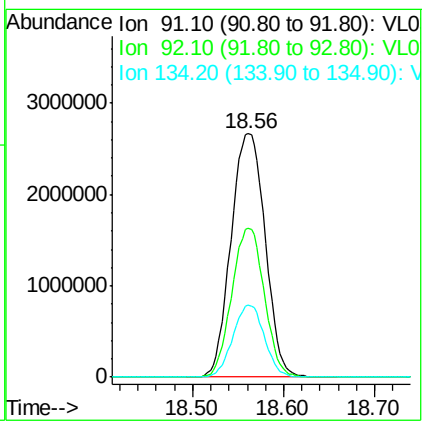


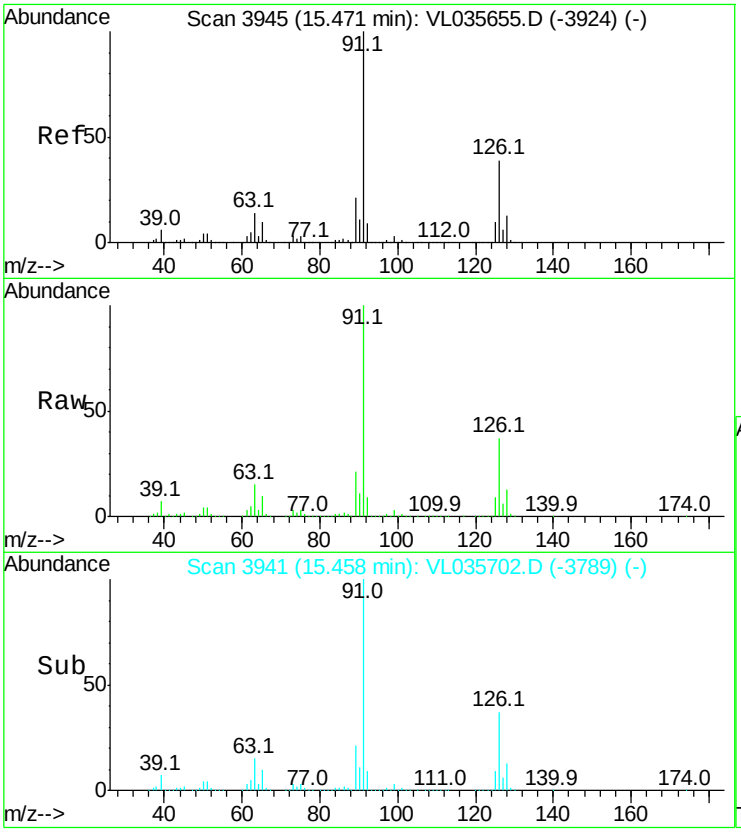


#70
n-Butylbenzene
Concen: 11.395 ppbv
RT: 18.56 min Scan# 4906
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion: 91 Resp: 6948758

Ion	Ratio	Lower	Upper
91	100		
92	58.3	47.3	70.9
134	27.4	24.6	37.0



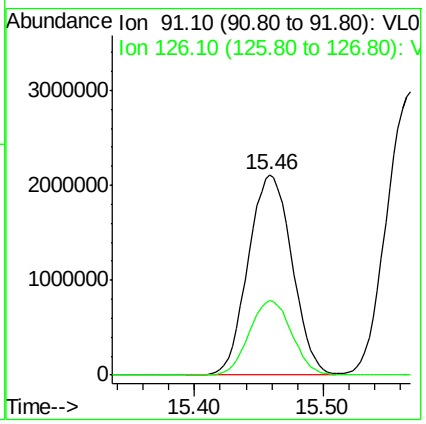


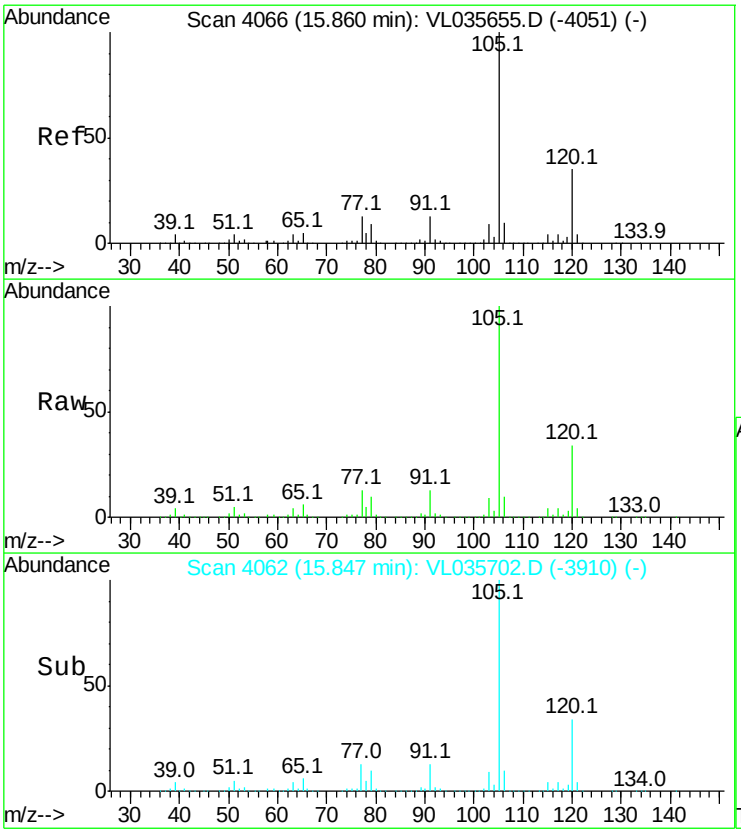
#71
2-Chlorotoluene
Concen: 11.790 ppbv
RT: 15.46 min Scan# 3941
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5003281

Ion	Ratio	Lower	Upper
91	100		
126	36.0	15.6	62.6

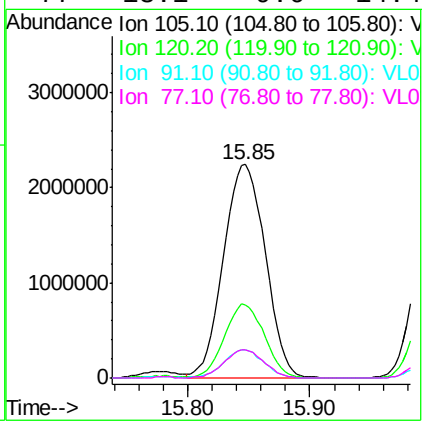


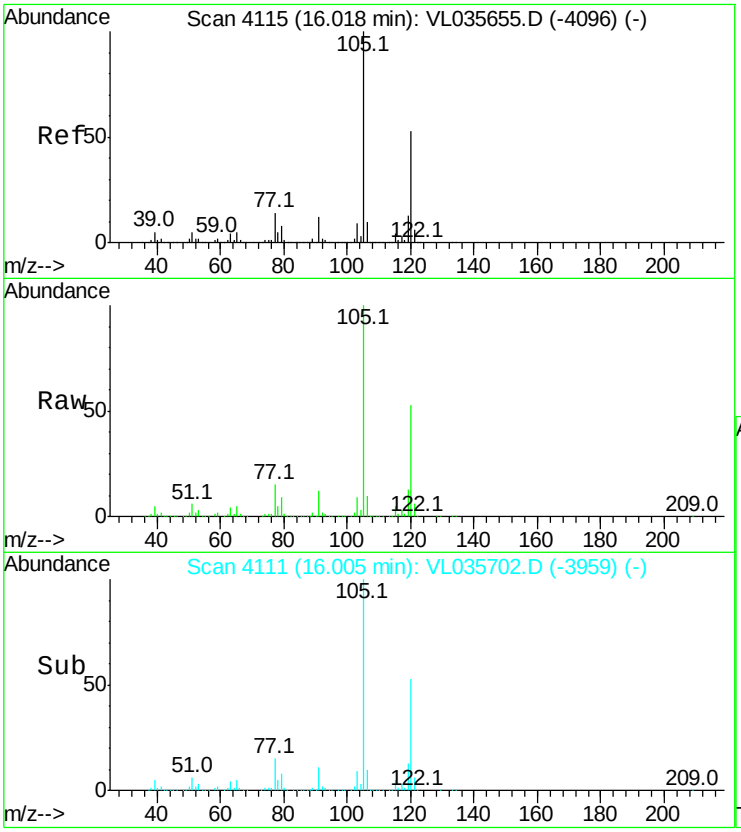


#72
4-Ethyltoluene
Concen: 11.591 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:105 Resp: 5345943

Ion	Ratio	Lower	Upper
105	100		
120	33.1	27.4	41.2
91	12.7	9.7	14.5
77	13.1	9.6	14.4



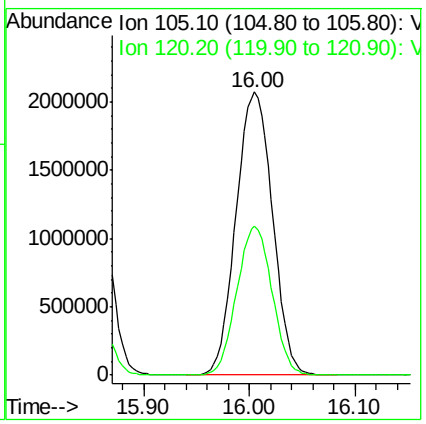


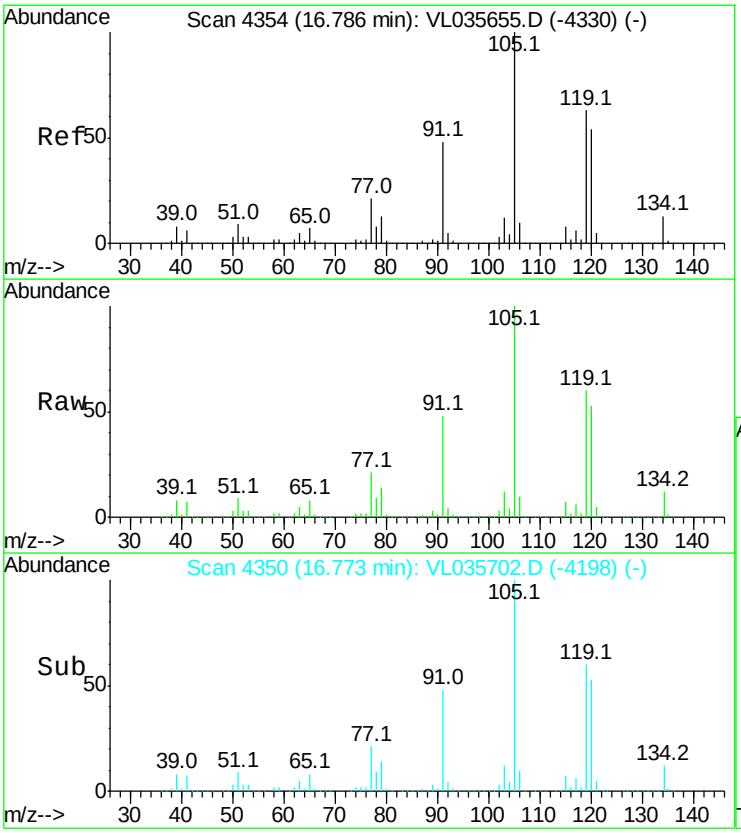
#73
1,3,5-Trimethylbenzene
Concen: 11.639 ppbv
RT: 16.00 min Scan# 4111
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 4964703

Ion	Ratio	Lower	Upper
105	100		
120	52.7	44.2	66.2

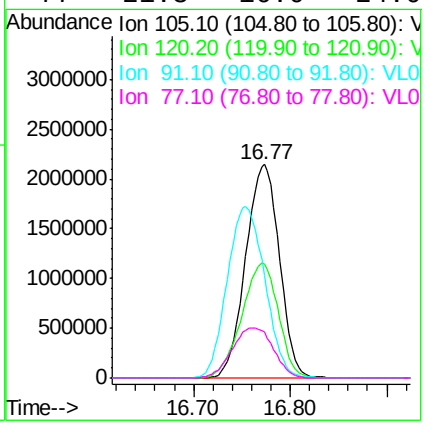


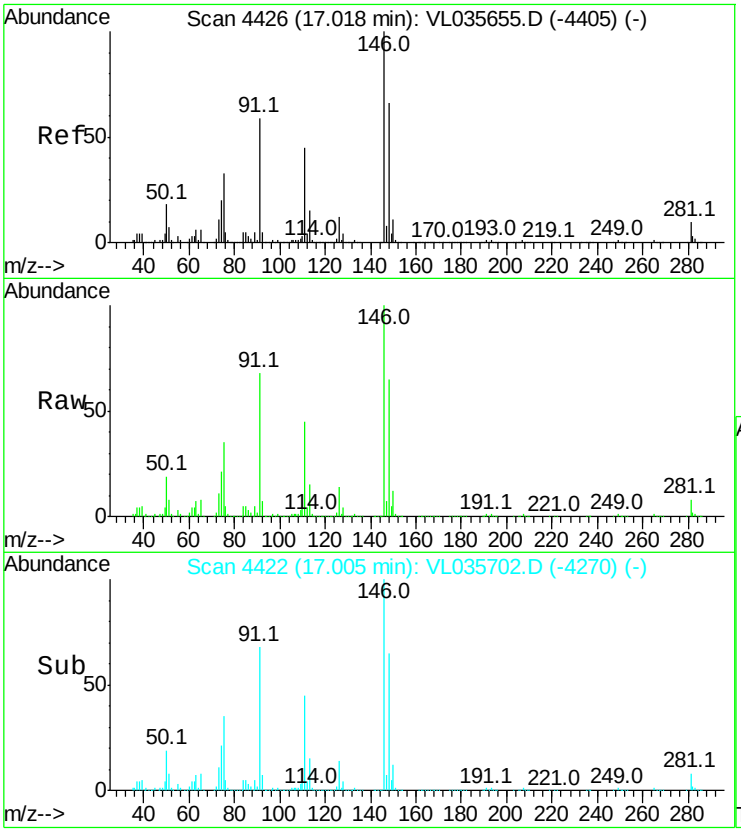


#74
1,2,4-Trimethylbenzene
Concen: 11.099 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:105 Resp: 5199331

Ion	Ratio	Lower	Upper
105	100		
120	53.1	44.4	66.6
91	47.8	37.1	55.7
77	21.3	16.0	24.0



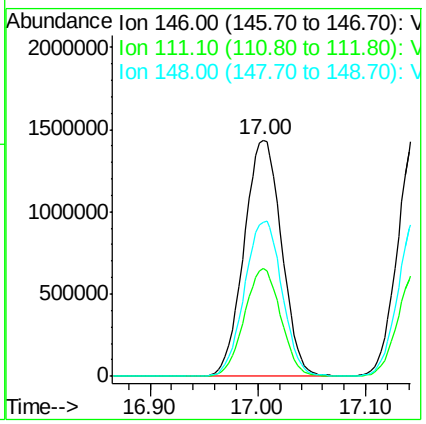


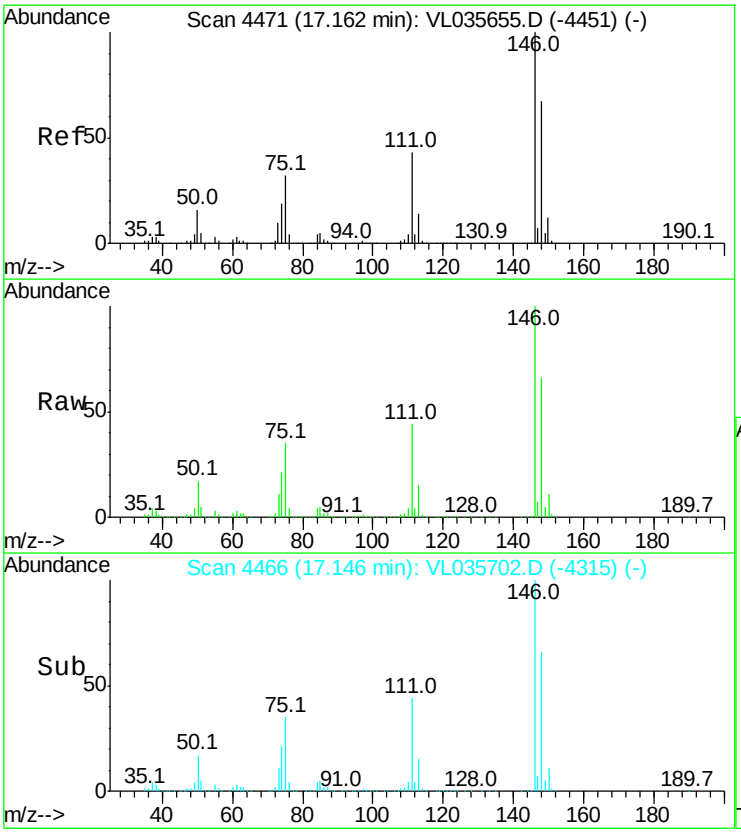
#75
1,3-Dichlorobenzene
Concen: 10.017 ppbv
RT: 17.00 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:146 Resp: 3475799

Ion	Ratio	Lower	Upper
146	100		
111	44.2	20.7	62.1
148	65.6	33.0	98.9

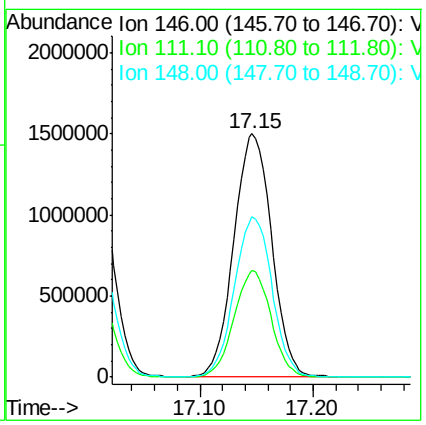


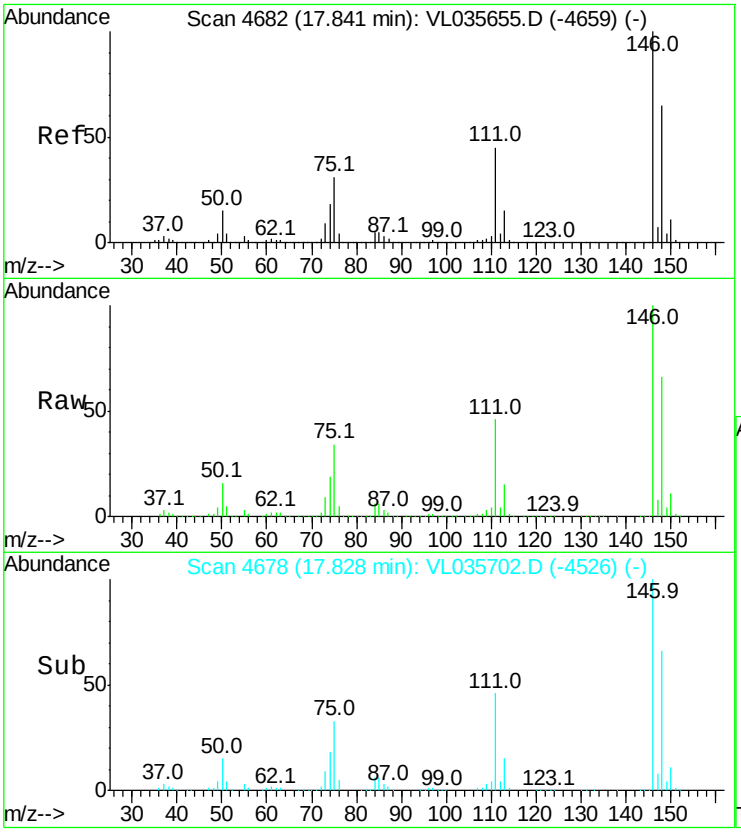


#76
1,4-Dichlorobenzene
Concen: 10.189 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. -0.02 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:146 Resp: 3486817

Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.0	60.0
148	66.0	33.2	99.6



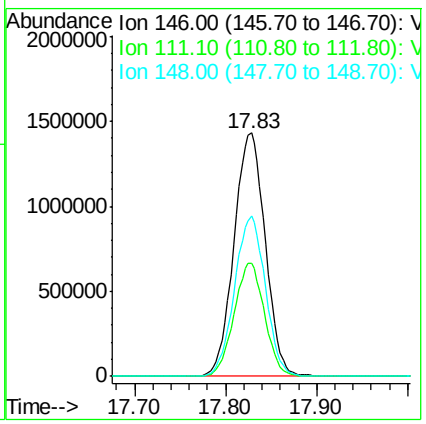


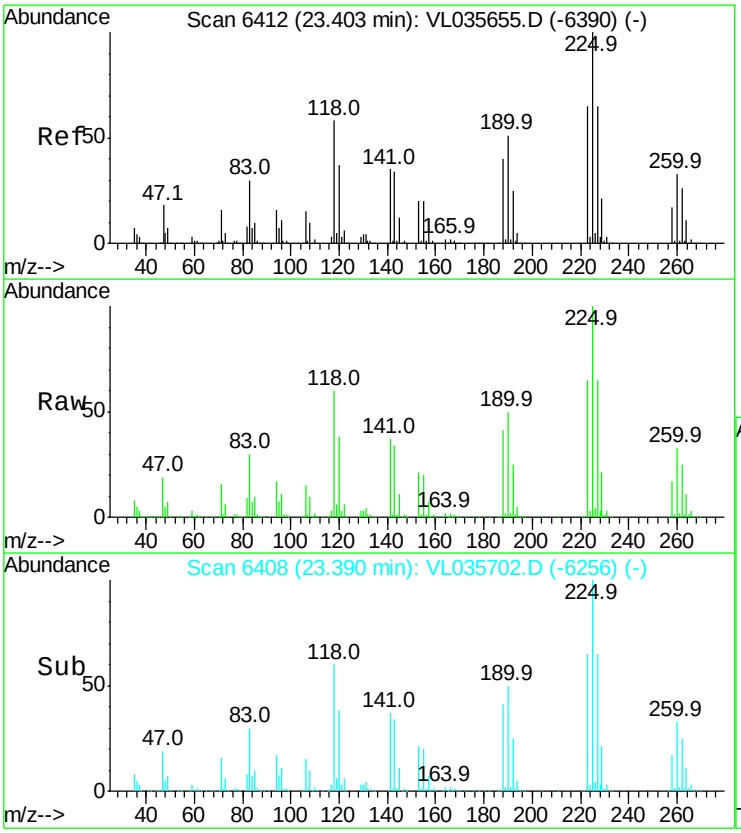
#77
1,2-Dichlorobenzene
Concen: 10.143 ppbv
RT: 17.83 min Scan# 4678
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 3409762

Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.1	63.3
148	65.2	32.9	98.7

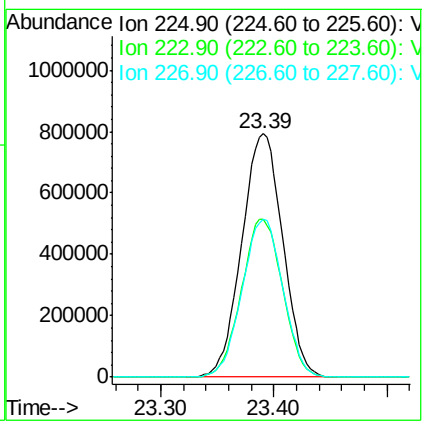


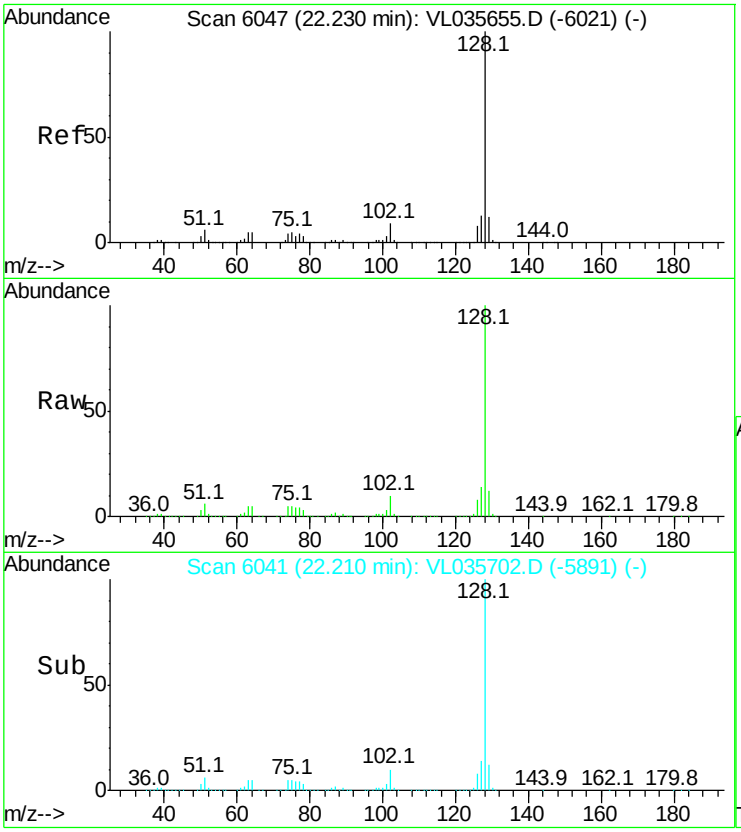


#78
Hexachloro-1,3-Butadiene
Concen: 9.303 ppbv
RT: 23.39 min Scan# 6408
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:225 Resp: 1996770

Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.7	77.5
227	64.7	51.5	77.3



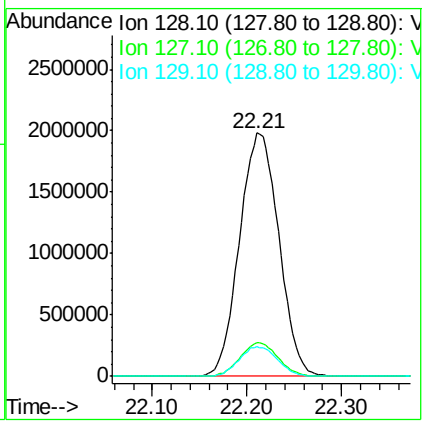


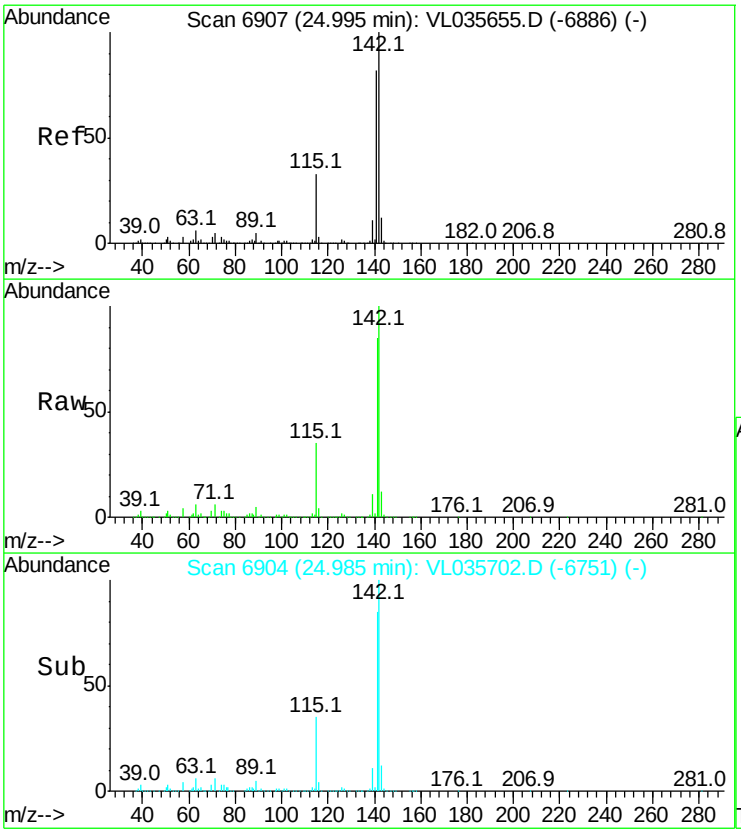
#79
Naphthalene
Concen: 11.005 ppbv
RT: 22.21 min Scan# 6041
Delta R.T. -0.02 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 5720187

Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.4	17.2
129	12.4	10.5	15.7

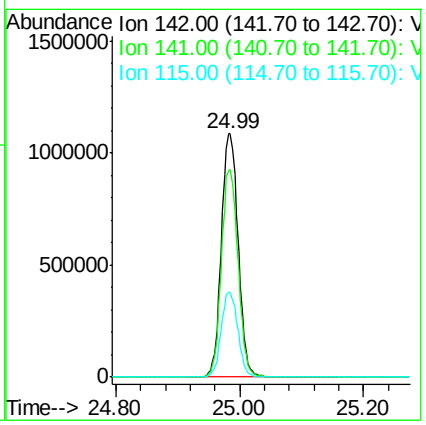


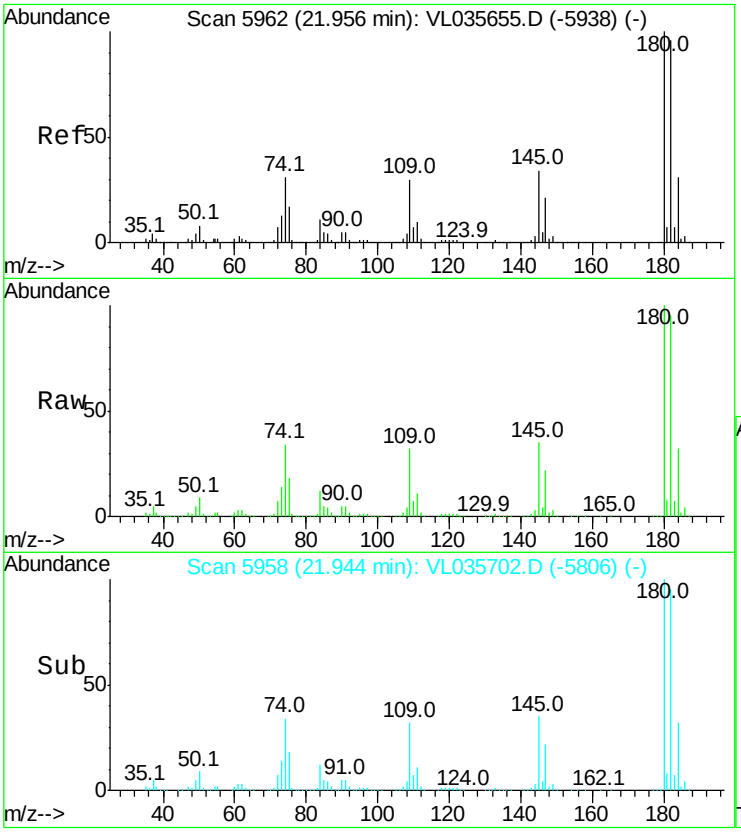


#80
Naphthalene,2-methyl-
Concen: 11.537 ppbv
RT: 24.99 min Scan# 6904
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Tgt Ion:142 Resp: 2046730

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.6	101.4
115	34.7	25.8	38.8





#81
1,2,4-Trichlorobenzene
Concen: 9.438 ppbv
RT: 21.94 min Scan# 5958
Delta R.T. -0.01 min
Lab File: VL035702.D
Acq: 22 Sep 2020 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 2937651

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.3	114.5
184	31.3	25.3	37.9