Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080320\

Quantitation Report (Not Reviewed)

Data File : VL035315.D
Acq On : 3 Aug 2020 12:14
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 03 14:59:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1383430	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3342072	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3375961	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2645563	9.81	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	2231443	13.505	ppbv	98
3) Chlorodifluoromethane	2.94	51	1603045	10.468	ppbv	99
4) Chloromethane	3.09	50	921448	10.692	ppbv	98
5) Vinyl Chloride	3.21	62	940011	10.472	ppbv	100
6) Bromomethane	3.43	94	590167	10.644	ppbv	93
7) Chloroethane	3.51	64	361468	11.156	ppbv	98
8) Dichlorotetrafluoroethane	3.14	85	2143585	10.225	ppbv	97
9) Propene	2.96	41	650243	12.181	ppbv	97
10) Heptane	8.12	43	1715496	11.873	ppbv	99
11) Trichlorofluoromethane	3.91	101	2245033	10.102	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.45	101	1567792	9.947	ppbv	97
13) Ethanol	3.56	45	188957	8.697	ppbv	94
14) Bromoethene	3.70	108	712946	11.084	ppbv	98
15) Acetone	3.81	43	1683411	9.123	ppbv	99
16) 1,3-Butadiene	3.28	39	819540	11.385	ppbv	100
17) tert-Butyl alcohol	4.26	59	1835542	10.306	ppbv	100
18) 1,1-Dichloroethene	4.25	96	738444	10.552	ppbv	96
19) Isopropyl Alcohol	3.93	45	1290075	10.600	ppbv #	99
20) Methylene Chloride	4.31	84	679200	8.086	ppbv	97
21) Allyl Chloride	4.38	41	1192445	11.347	ppbv	98
22) trans-1,2-Dichloroethene	4.86	96	726924	10.810	ppbv	96
23) Vinyl Acetate	5.05	43	2263462	12.207	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1862426	10.770	ppbv	98
25) Ethyl Acetate	5.66	43	3164099	10.980	ppbv	100
26) Hexane	5.67	57	1429027	10.992	ppbv	99
27) Carbon Disulfide	4.52	76	1904054	10.841	ppbv	100
28) Methyl tert-Butyl Ether	5.01	73	2270804	12.219	ppbv	100
29) Chloroform	5.74	83	2272596	10.423	ppbv	100
30) Cyclohexane	7.13	84	1195182	12.862	ppbv	99
31) cis-1,2-Dichloroethene	5.53	61	1426491	12.588	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2254928	10.104	ppbv	99
34) 2-Butanone	5.22	43	1955268	11.498	ppbv	100
35) Carbon Tetrachloride	7.01	117	2363014	10.560	ppbv	99
36) Benzene	6.89	78	2780837	11.972	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1769512	10.898	ppbv	99
38) Trichloroethene	7.84	130	1159666	12.047	ppbv	96
39) 1,2-Dichloropropane	7.62	63	1079671	11.651	ppbv	98
40) 1,4-Dioxane	7.83	88	248228	6.802	ppbv #	1
41) Tetrahydrofuran	6.03	42	1069618	12.834	ppbv	99
42) Bromodichloromethane	7.79	83	2457210	11.339	ppbv	96
43) Methyl Methacrylate	8.01	69	1277482	12.694	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080320\

Quantitation Report (Not Reviewed)

Data File : VL035315.D
Acq On : 3 Aug 2020 12:14
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 03 14:59:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4714611	11.520	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	1455750	14.357	ppbv		98
46) cis-1,3-Dichloropropene	8.71	75	1691357	13.692	ppbv		99
47) 1,1,2-Trichloroethane	9.49	97	1204855	11.006	ppbv		98
48) Dibromochloromethane	10.32	129	2073570	12.027	ppbv		98
49) Bromoform	13.07	173	1869847	12.064	ppbv		100
50) 4-Methyl-2-Pentanone	8.74	43	2904942	11.788	ppbv		99
51) 2-Hexanone	10.14	43	2349478	12.572	ppbv	#	98
52) Tetrachloroethene	11.24	164	1037098	11.703	ppbv		96
53) Toluene	9.82	91	3238685	13.120	ppbv		100
54) 1,2-Dibromoethane	10.63	107	1825547	11.534	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1589129	10.237	ppbv		94
57) Chlorobenzene	12.17	112	2571219	10.122	ppbv		95
58) Ethyl Benzene	12.73	91	4365704	12.210	ppbv		97
59) m/p-Xylene	13.02	91	3982729	11.965	ppbv	#	42
60) o-Xylene	13.72	91	3696299	11.130	ppbv		100
61) Styrene	13.55	104	2649800	13.145	ppbv		99
62) Isopropylbenzene	14.70	105	5421466	10.968	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.71	83	2724895	9.535	ppbv		100
64) n-propylbenzene	15.60	120	1475950	11.230	ppbv		96
65) tert-Butylbenzene	16.78	119	4882847	10.904	ppbv		100
66) Benzyl Chloride	17.03	91	2048133	11.677	ppbv		99
67) sec-Butylbenzene	17.33	105	6814888	10.416	ppbv		100
69) p-Isopropyltoluene	17.69	119	5734363	10.743	ppbv		99
70) n-Butylbenzene	18.59	91	6113412	10.587	ppbv		100
71) 2-Chlorotoluene	15.49	91	4265250	11.443	ppbv		100
72) 4-Ethyltoluene	15.87	105	4369179	11.689	ppbv		100
73) 1,3,5-Trimethylbenzene	16.03	105	4094554	11.232	ppbv		100
74) 1,2,4-Trimethylbenzene	16.80	105	4359494	10.273	ppbv	#	92
75) 1,3-Dichlorobenzene	17.04	146	2572981	9.390	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	2553859	10.304	ppbv		99
77) 1,2-Dichlorobenzene	17.86	146	2466851	10.051	ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	1907837	9.497	ppbv		98
79) Naphthalene	22.26	128	3847996	11.403	ppbv		99
80) Naphthalene,2-methyl-	25.01	142	1368029	12.526	ppbv		99
81) 1,2,4-Trichlorobenzene	21.98	180	2195123	10.686	ppbv		100

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

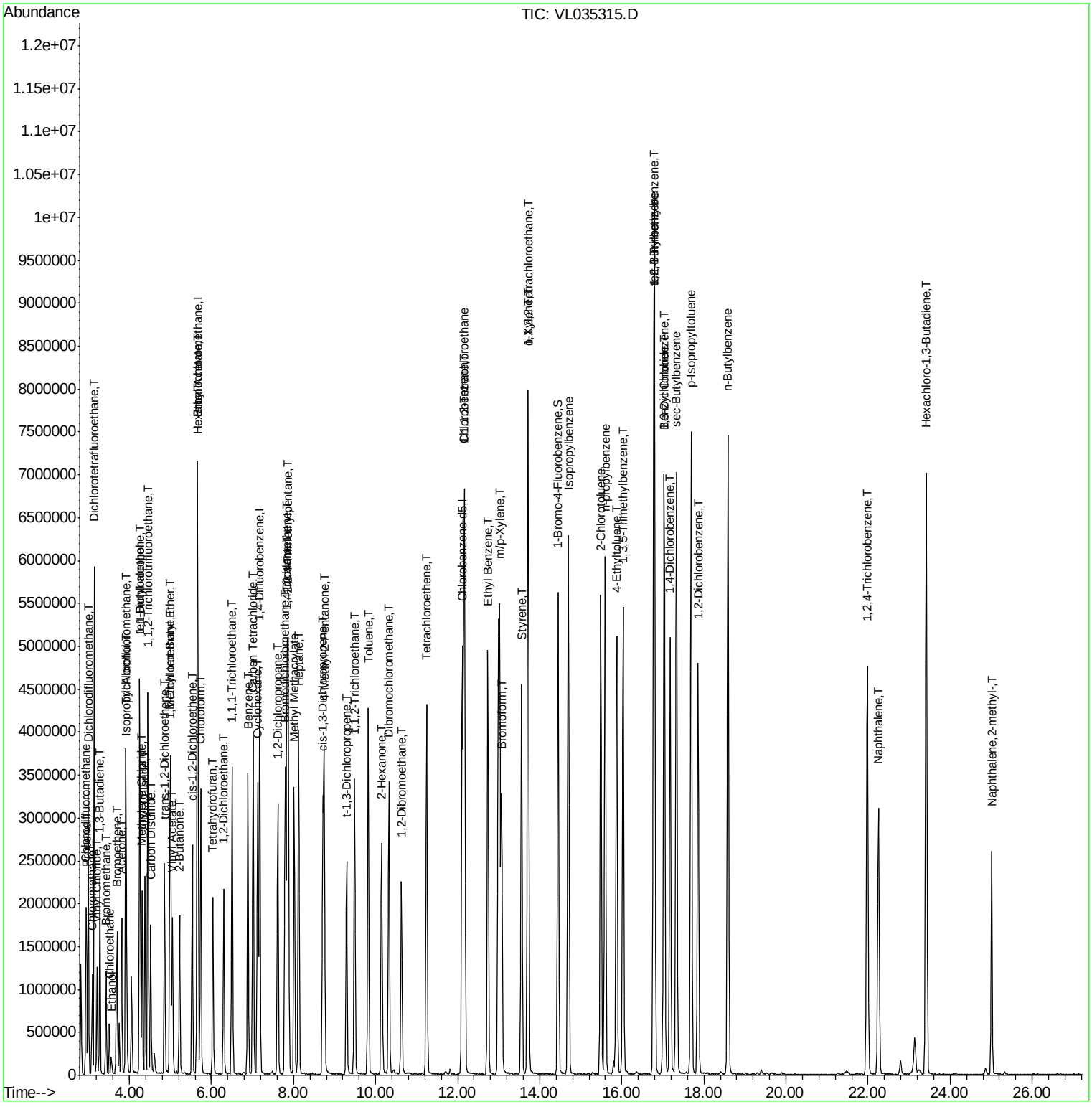
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080320\

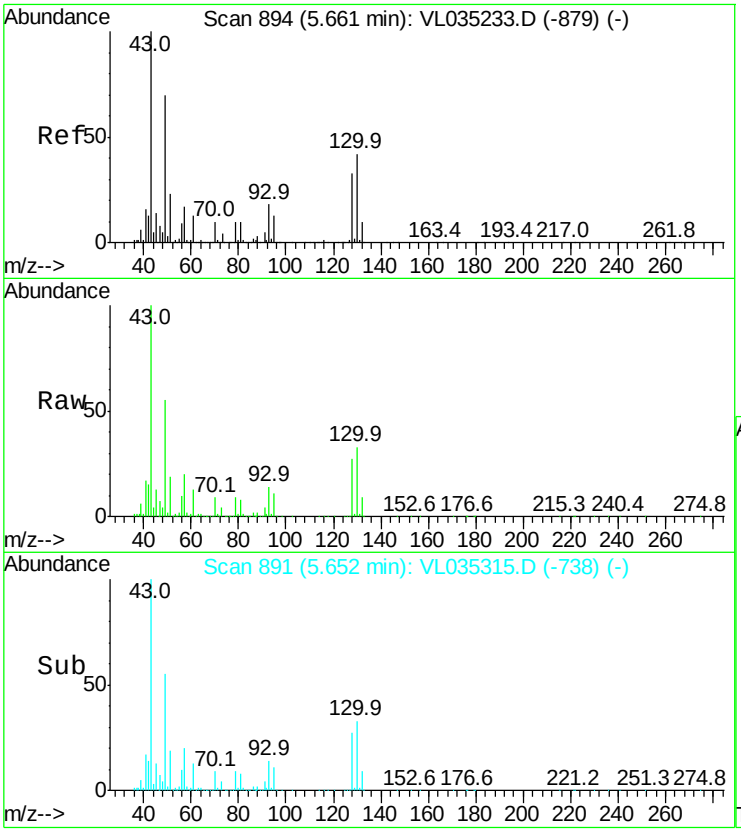
Quantitation Report (Not Reviewed)

Data File : VL035315.D
Acq On : 3 Aug 2020 12:14
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 03 14:59:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration



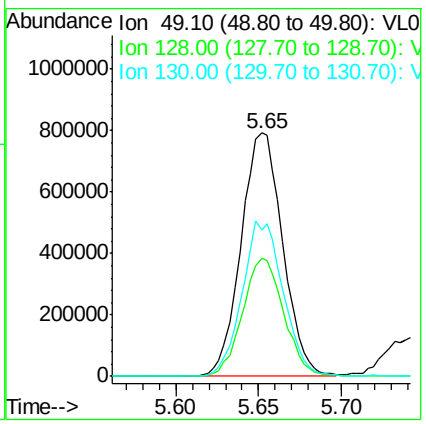


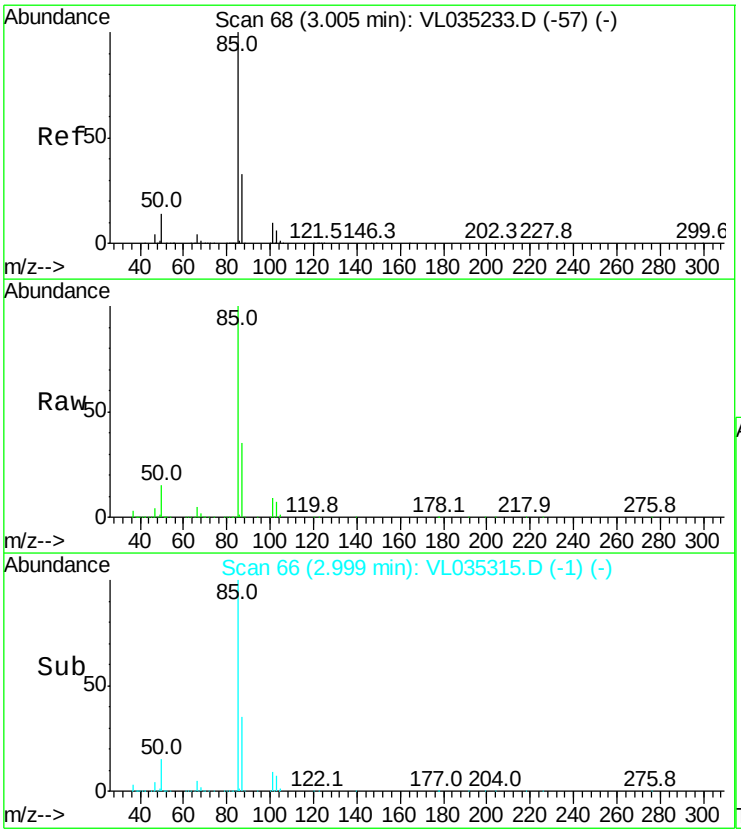
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1383430

Ion	Ratio	Lower	Upper
49	100		
128	47.7	24.0	72.0
130	62.9	30.7	92.1

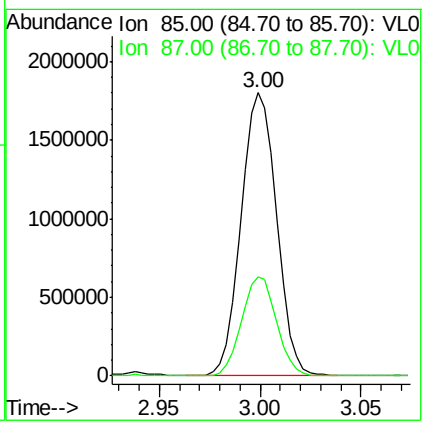


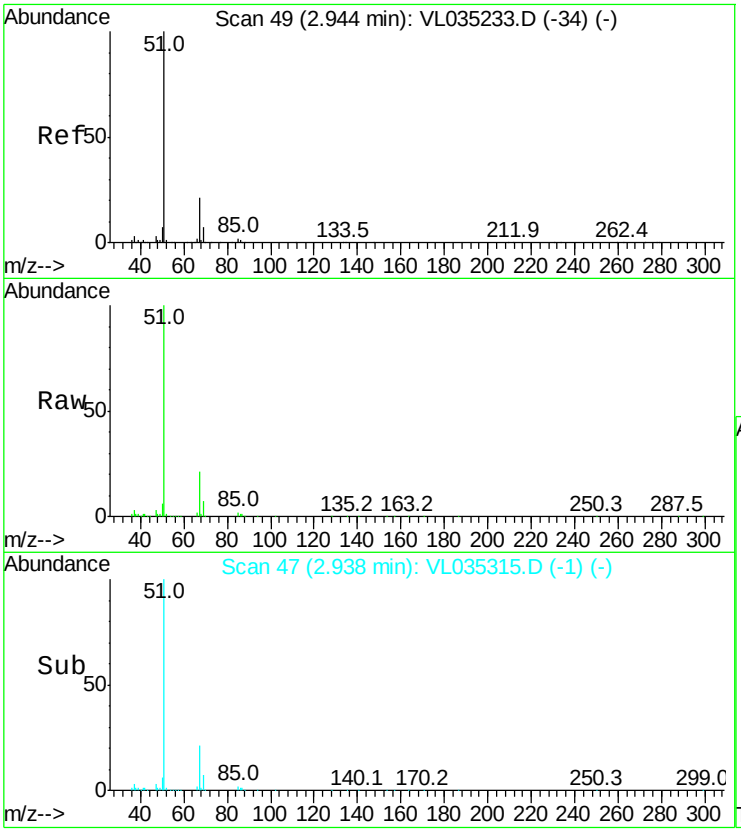


#2
Dichlorodifluoromethane
Concen: 13.505 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 85 Resp: 2231443

Ion	Ratio	Lower	Upper
85	100		
87	34.7	26.7	40.1



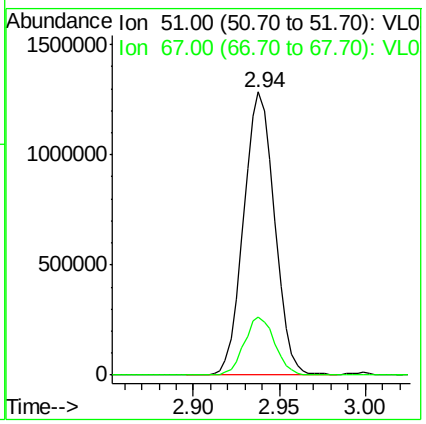


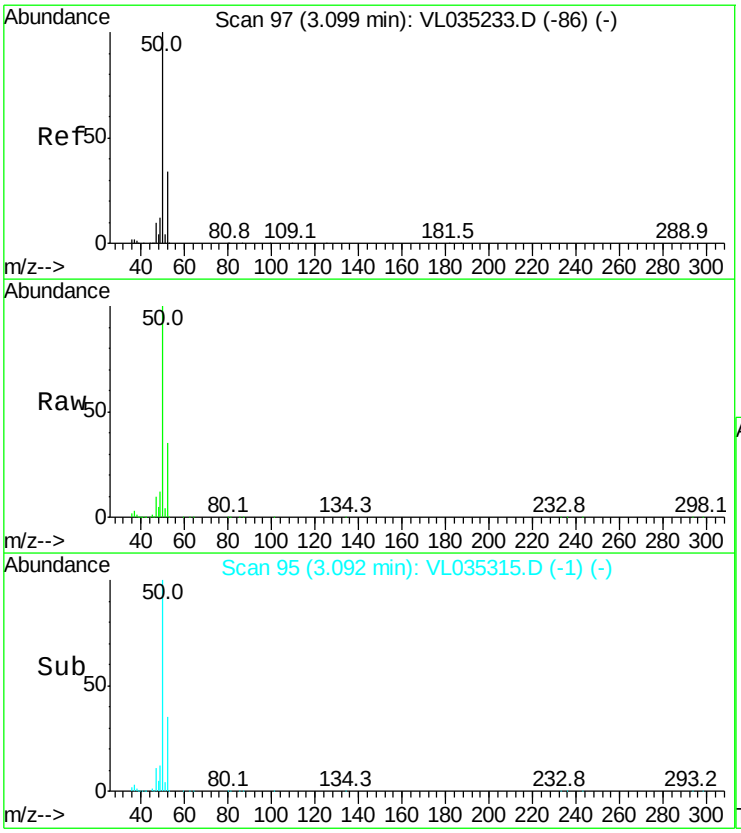
#3
Chlorodifluoromethane
Concen: 10.468 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1603045

Ion	Ratio	Lower	Upper
51	100		
67	20.2	16.6	25.0

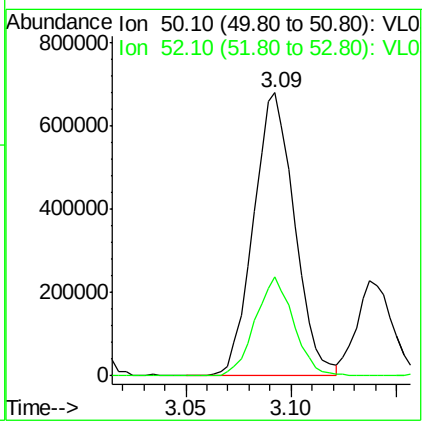


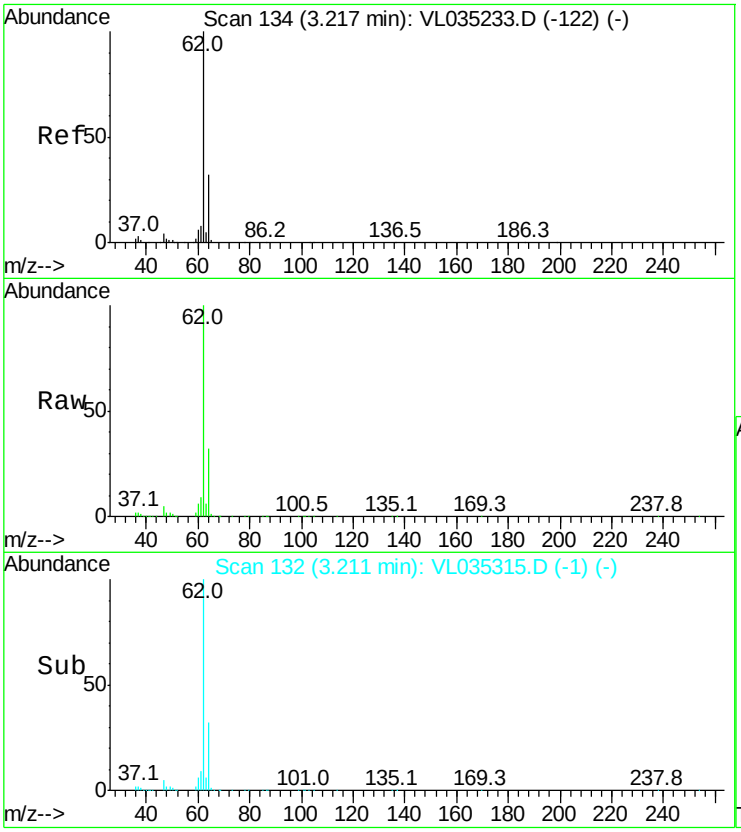


#4
Chloromethane
Concen: 10.692 ppbv
RT: 3.09 min Scan# 95
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 50 Resp: 921448

Ion	Ratio	Lower	Upper
50	100		
52	34.8	27.1	40.7



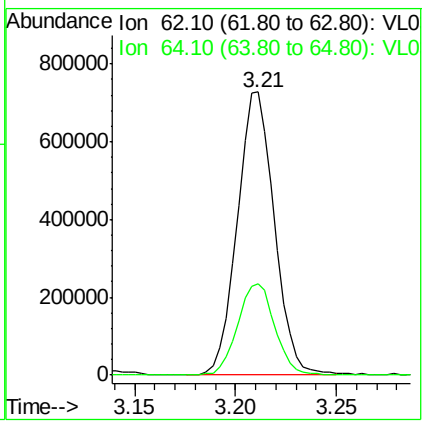


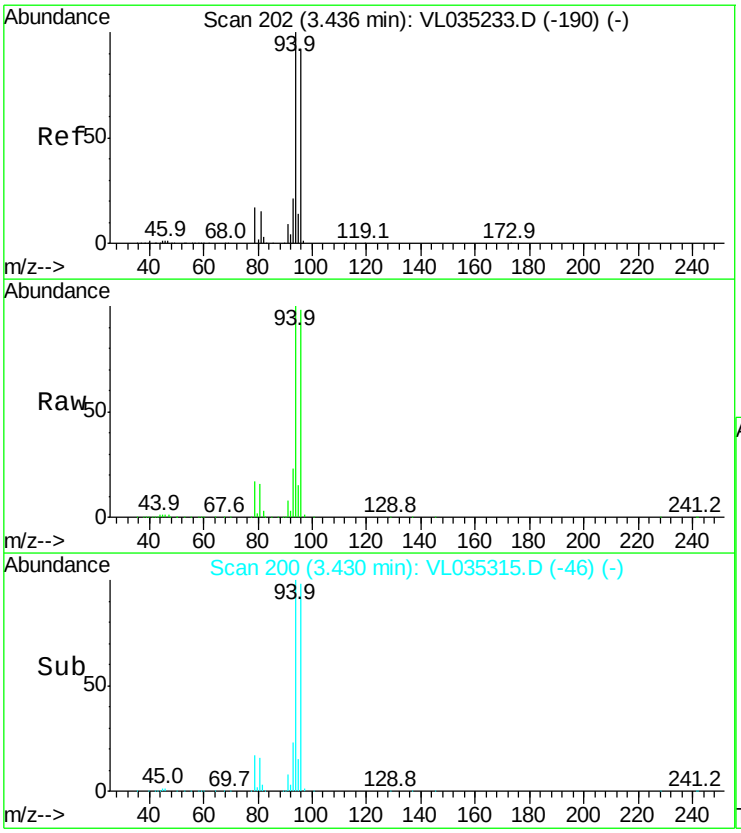
#5
Vinyl Chloride
Concen: 10.472 ppbv
RT: 3.21 min Scan# 132
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 940011

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.8	38.6

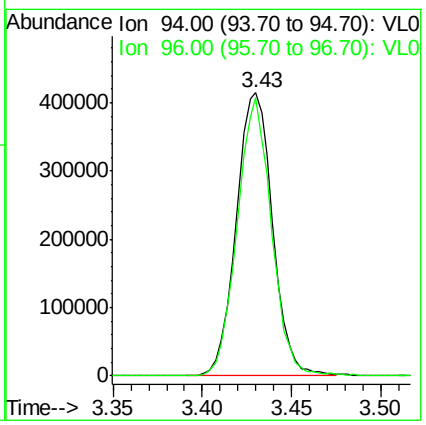


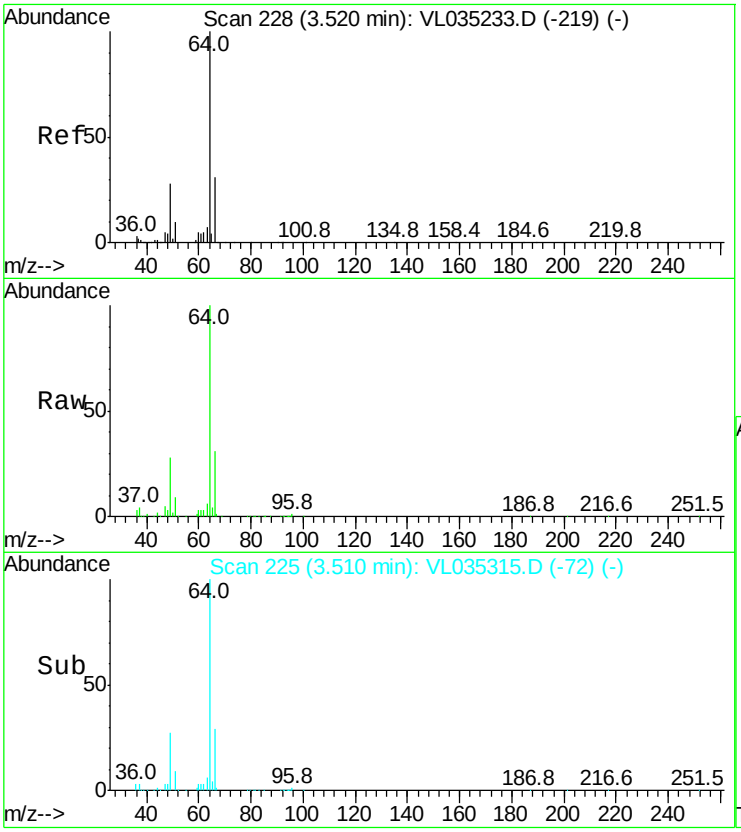


#6
Bromomethane
Concen: 10.644 ppbv
RT: 3.43 min Scan# 200
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 94 Resp: 590167

Ion	Ratio	Lower	Upper
94	100		
96	98.2	73.2	109.8



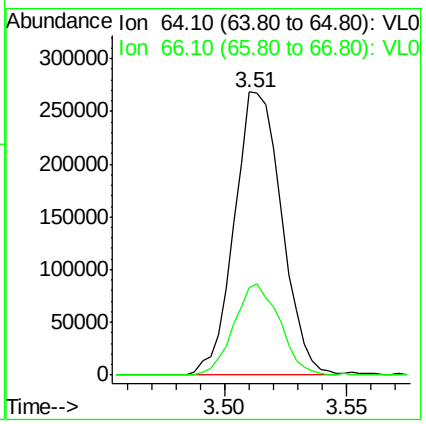


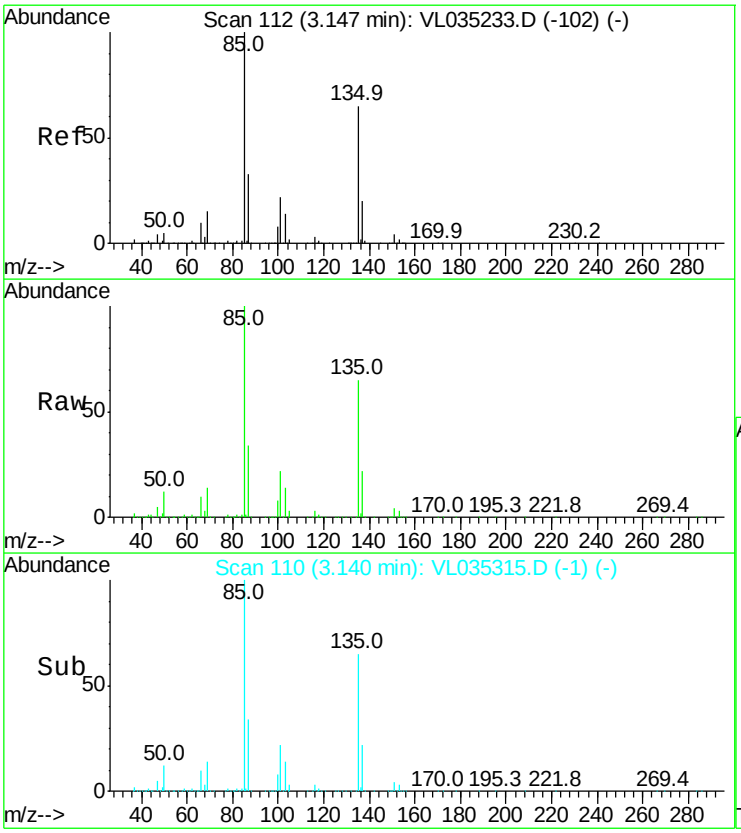
#7
Chloroethane
Concen: 11.156 ppbv
RT: 3.51 min Scan# 225
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 361468

Ion	Ratio	Lower	Upper
64	100		
66	31.1	25.6	38.4

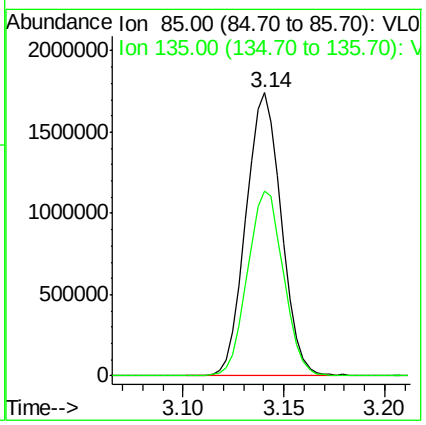


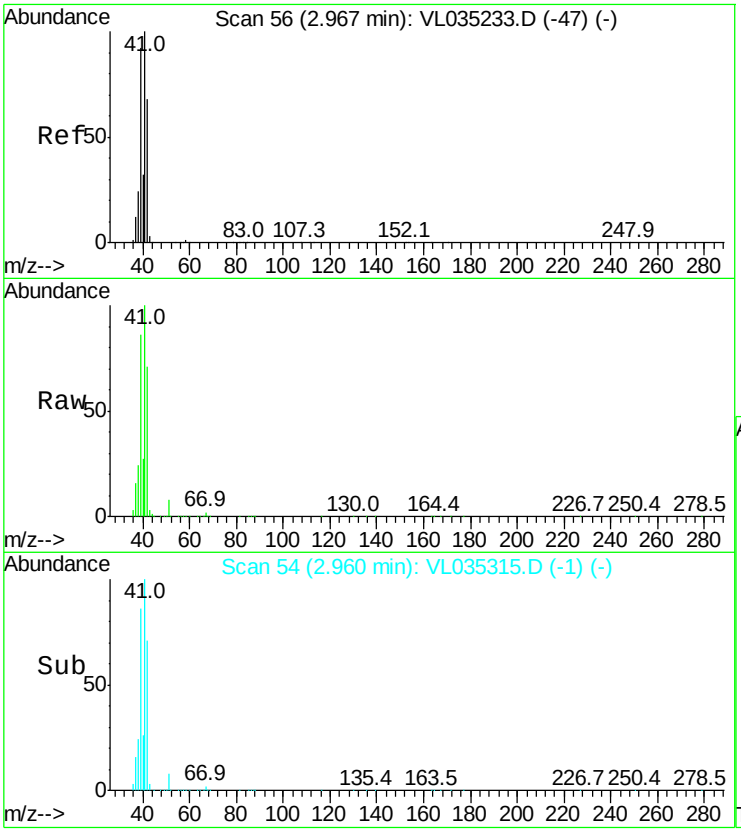


#8
Dichlorotetrafluoroethane
Concen: 10.225 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 85 Resp: 2143585

Ion	Ratio	Lower	Upper
85	100		
135	66.7	51.4	77.0



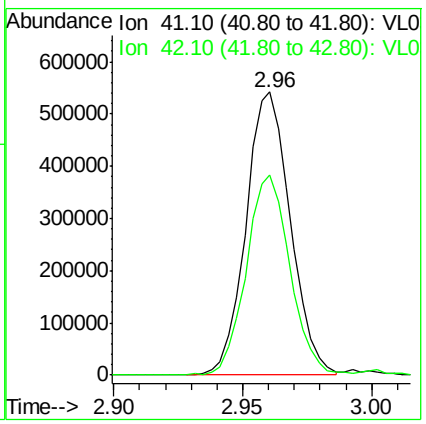


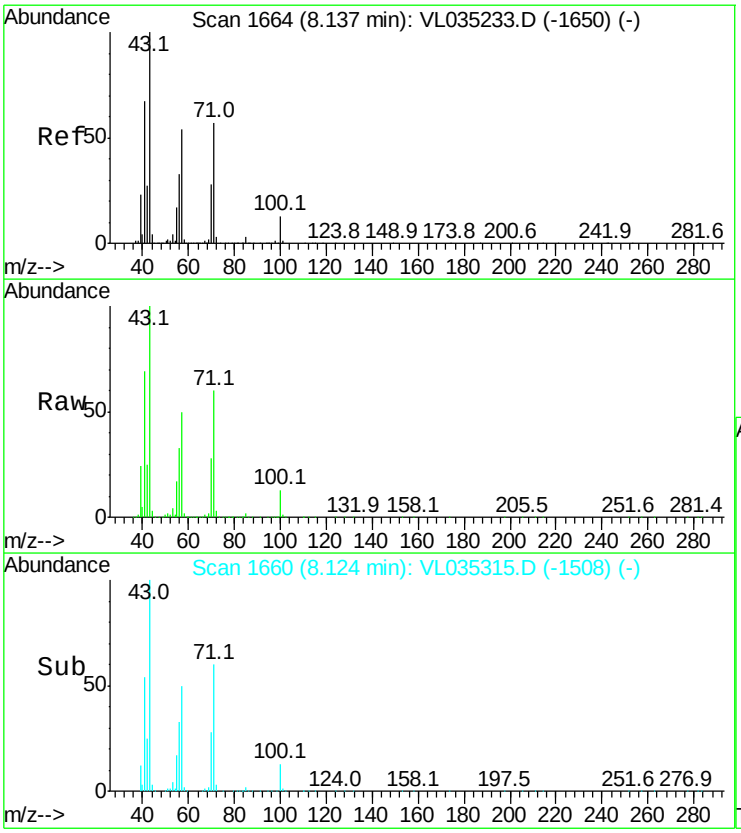
#9
Propene
Concen: 12.181 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 650243

Ion	Ratio	Lower	Upper
41	100		
42	71.0	55.0	82.6

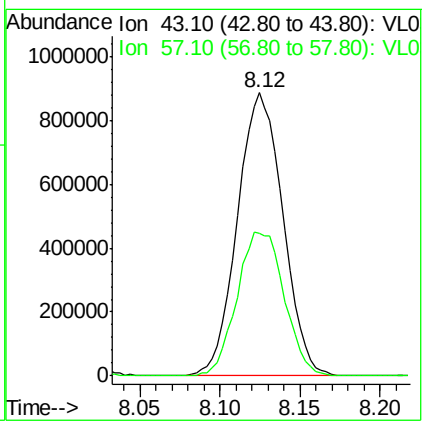


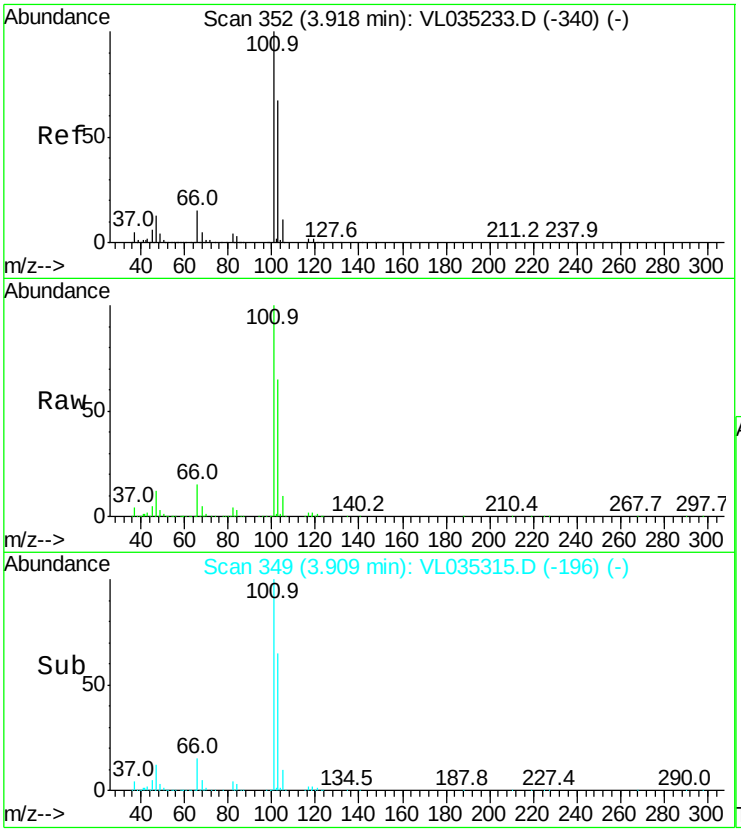


#10
Heptane
Concen: 11.873 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 43 Resp: 1715496

Ion	Ratio	Lower	Upper
43	100		
57	53.0	43.0	64.4



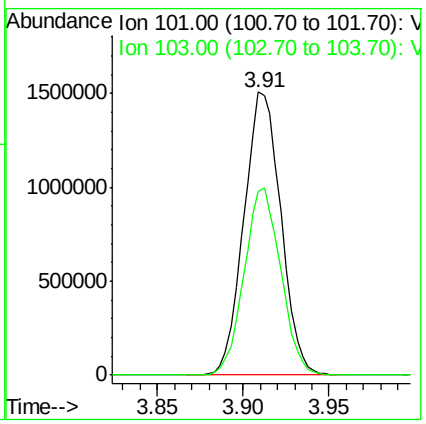


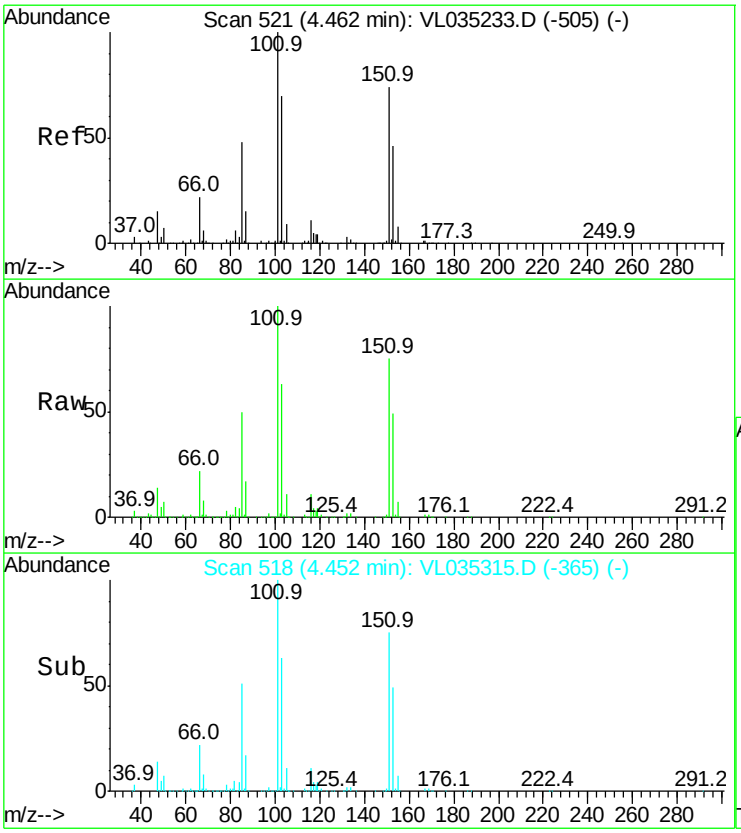
#11
Trichlorofluoromethane
Concen: 10.102 ppbv
RT: 3.91 min Scan# 349
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 2245033

Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.4	80.0

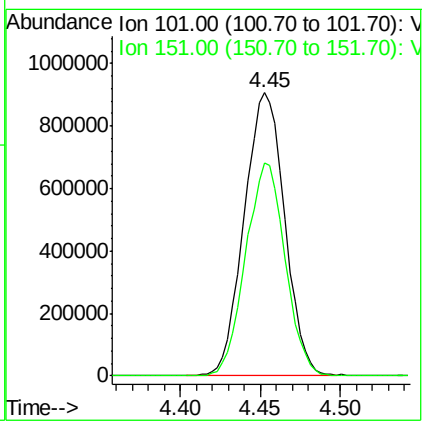


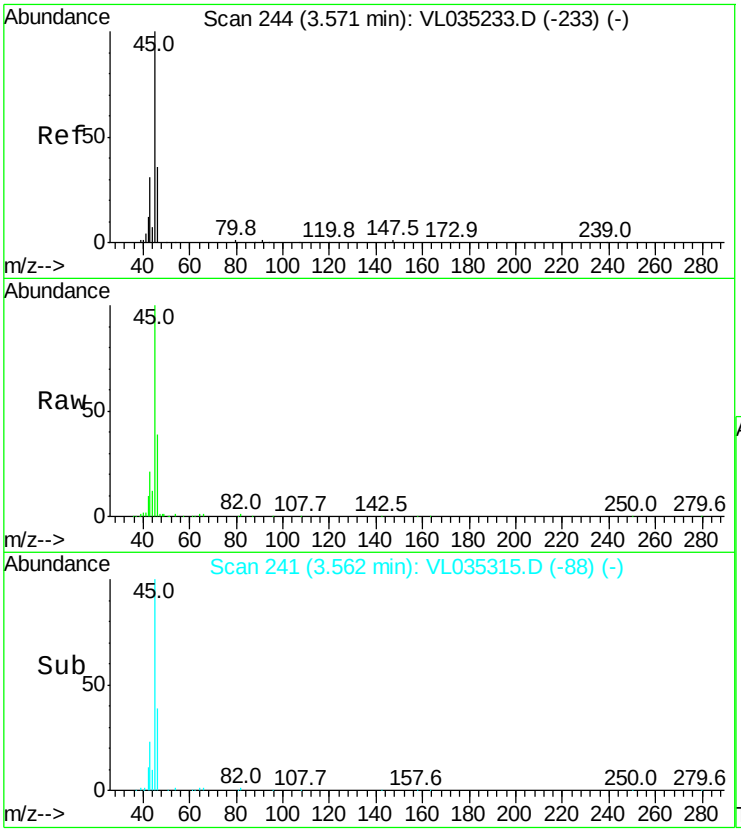


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.947 ppbv
RT: 4.45 min Scan# 518
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:101 Resp: 1567792

Ion	Ratio	Lower	Upper
101	100		
151	73.6	56.6	85.0



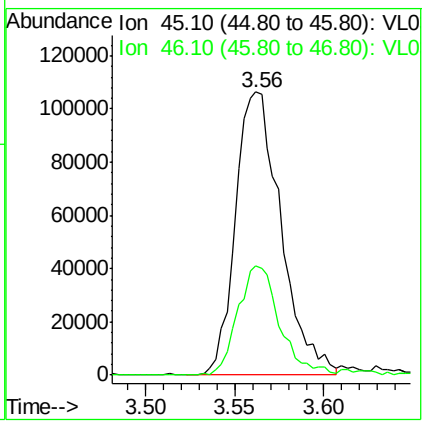


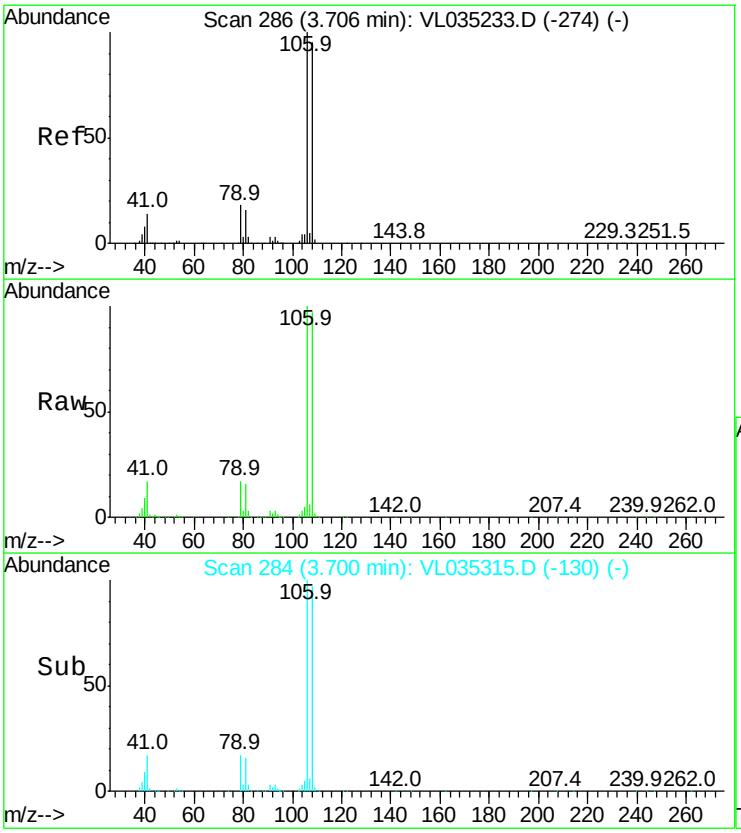
#13
Ethanol
Concen: 8.697 ppbv
RT: 3.56 min Scan# 241
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 188957

Ion	Ratio	Lower	Upper
45	100		
46	36.2	15.8	63.4

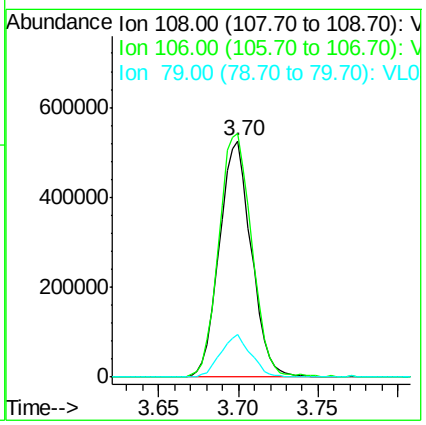


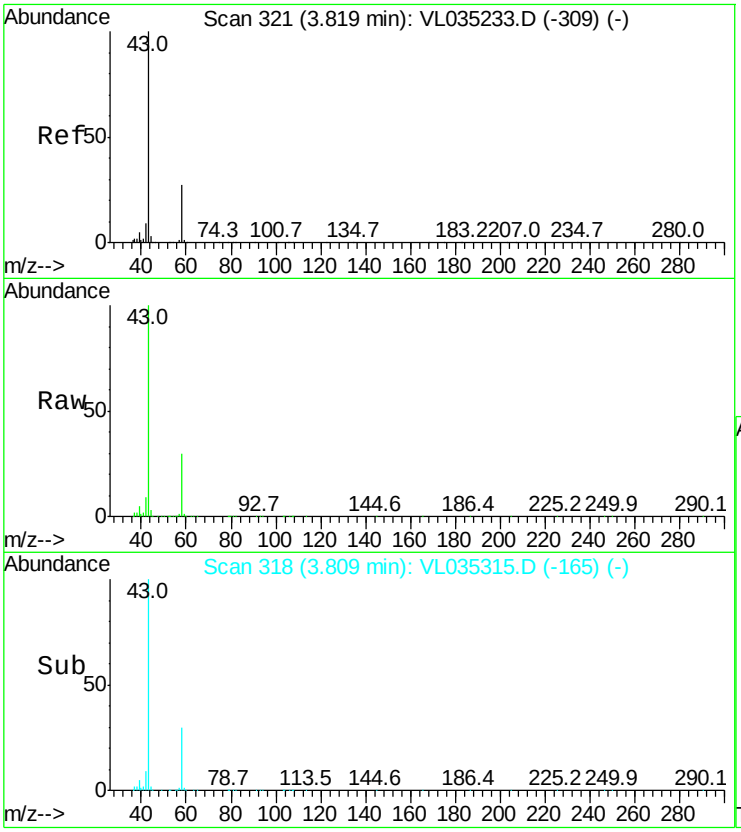


#14
Bromoethene
Concen: 11.084 ppbv
RT: 3.70 min Scan# 284
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:108 Resp: 712946

Ion	Ratio	Lower	Upper
108	100		
106	107.7	85.0	127.6
79	17.5	15.4	23.2



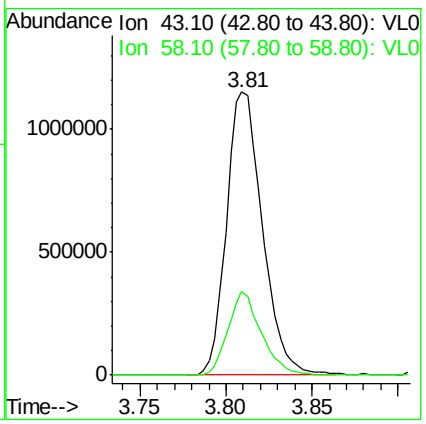


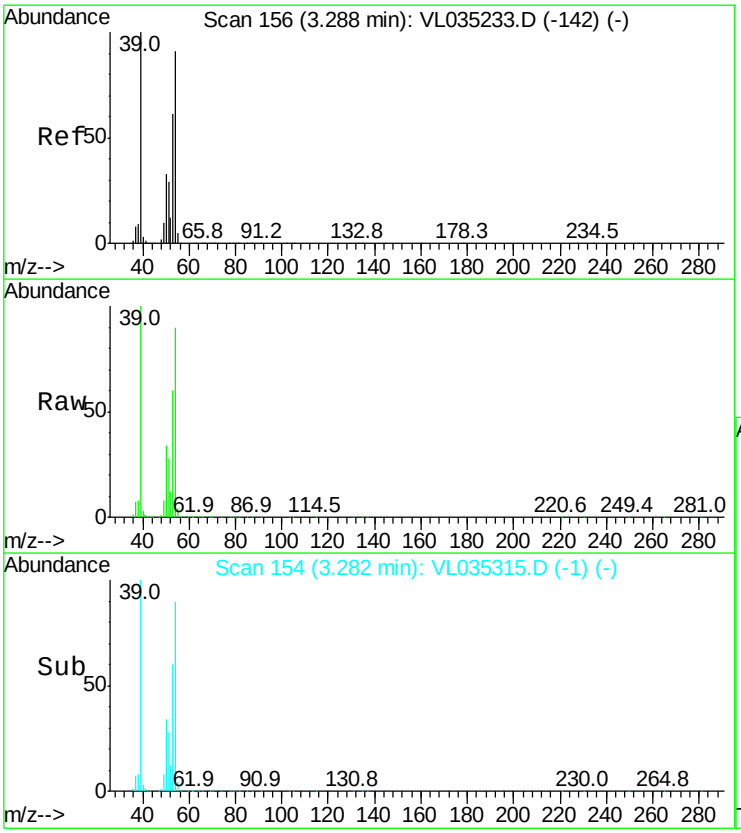
#15
Acetone
Concen: 9.123 ppbv
RT: 3.81 min Scan# 318
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1683411

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.8	32.6

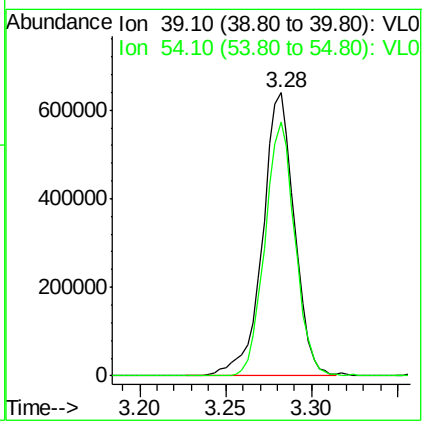


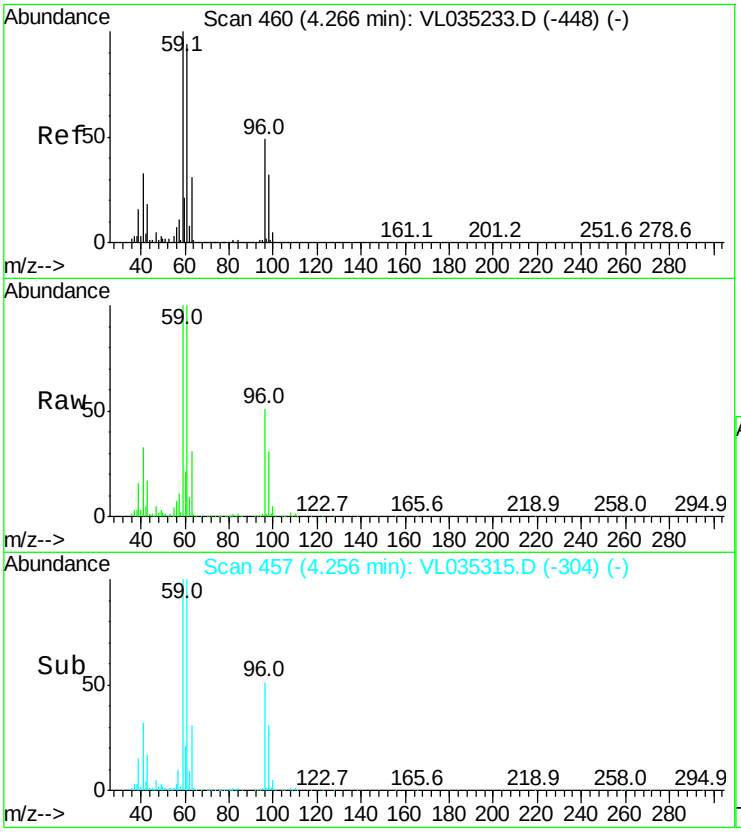


#16
1,3-Butadiene
Concen: 11.385 ppbv
RT: 3.28 min Scan# 154
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 39 Resp: 819540

Ion	Ratio	Lower	Upper
39	100		
54	85.0	68.2	102.2



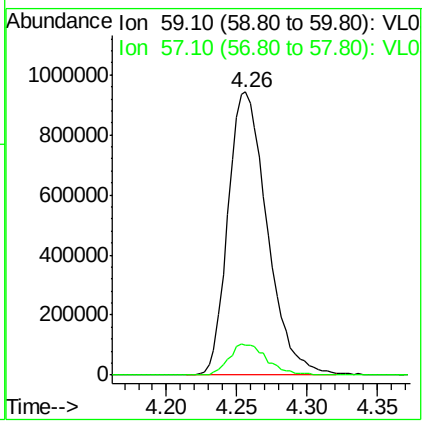


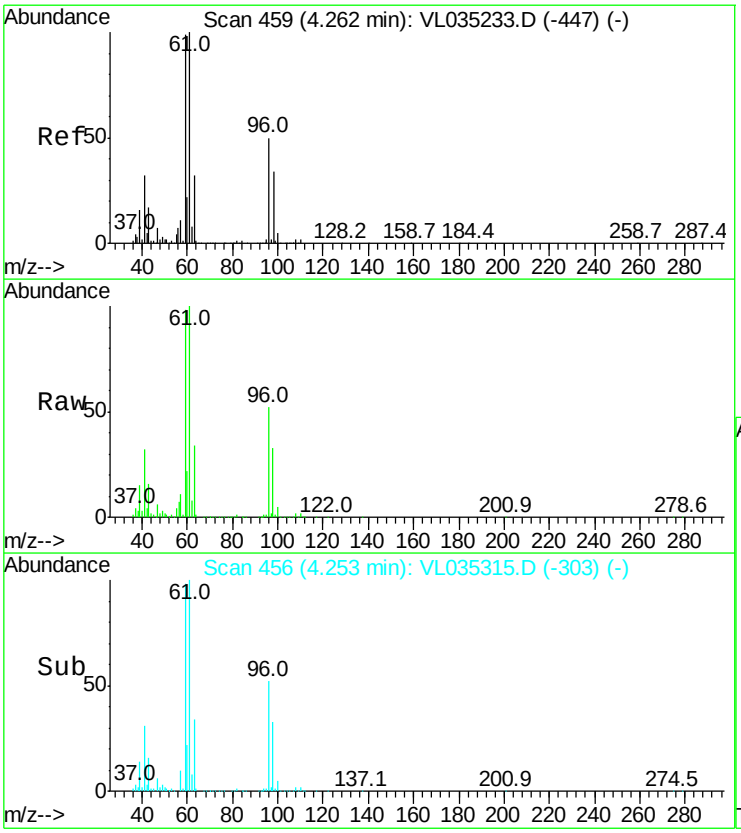
#17
tert-Butyl alcohol
Concen: 10.306 ppbv
RT: 4.26 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1835542

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

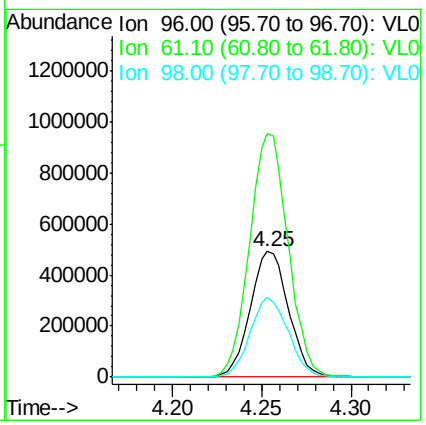


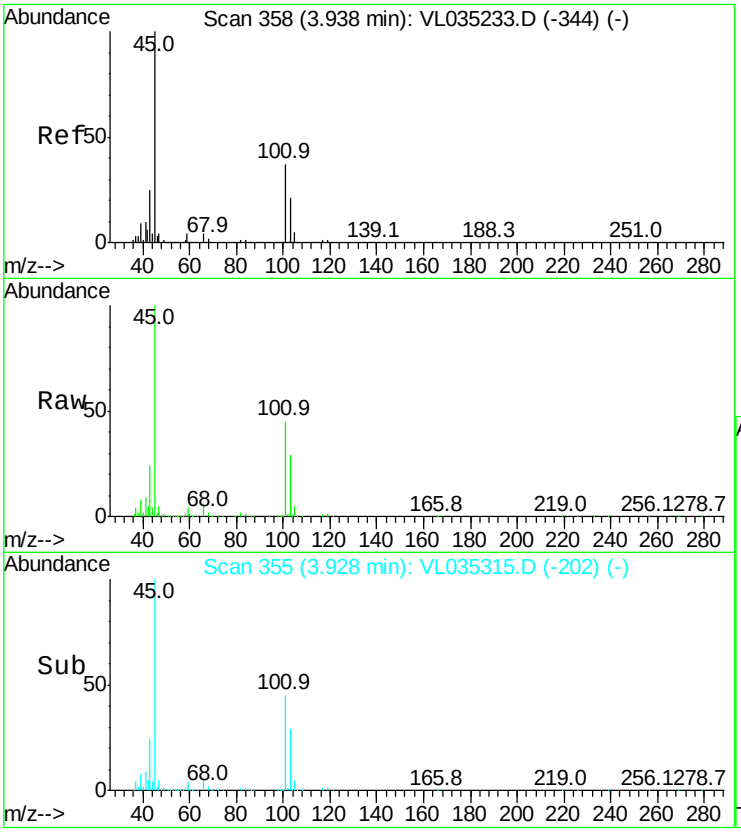


#18
1,1-Dichloroethene
Concen: 10.552 ppbv
RT: 4.25 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 96 Resp: 738444

Ion	Ratio	Lower	Upper
96	100		
61	193.6	159.4	239.2
98	63.7	53.9	80.9



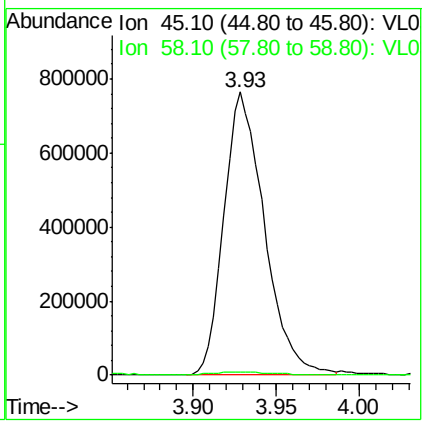


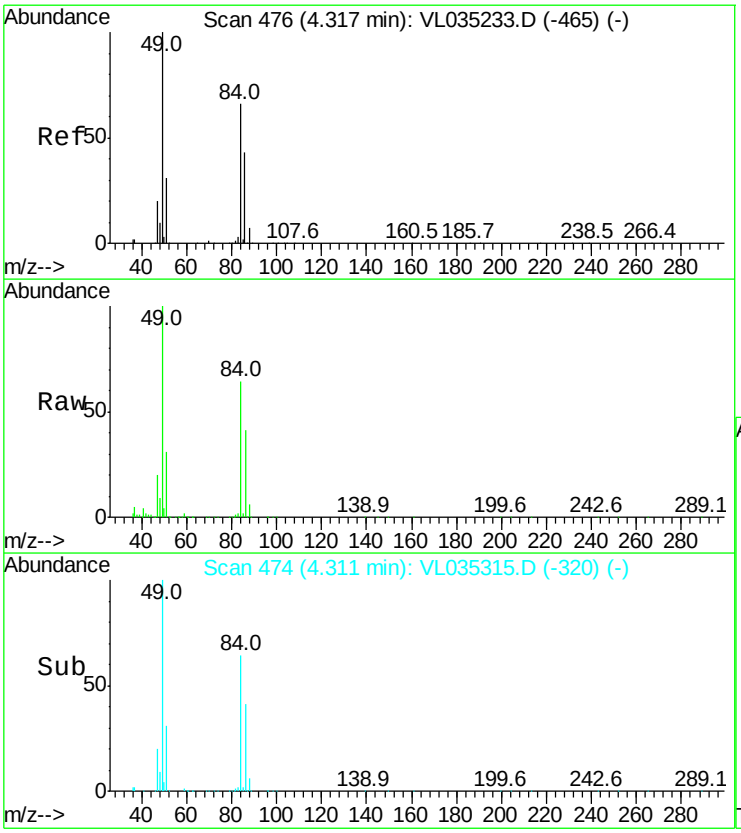
#19
Isopropyl Alcohol
Concen: 10.600 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 1290075

Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.9	2.9#

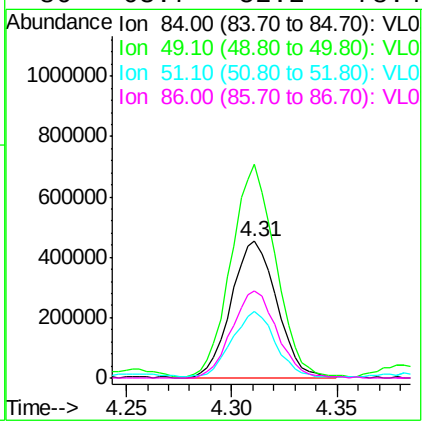


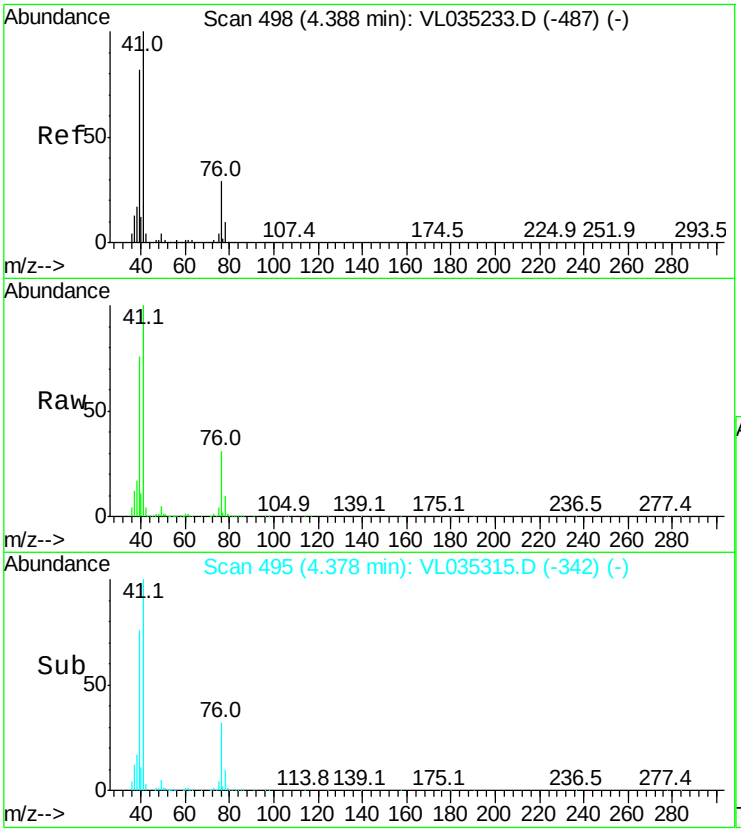


#20
Methylene Chloride
Concen: 8.086 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 84 Resp: 679200

Ion	Ratio	Lower	Upper
84	100		
49	155.2	121.0	181.4
51	48.3	37.7	56.5
86	63.7	52.2	78.4



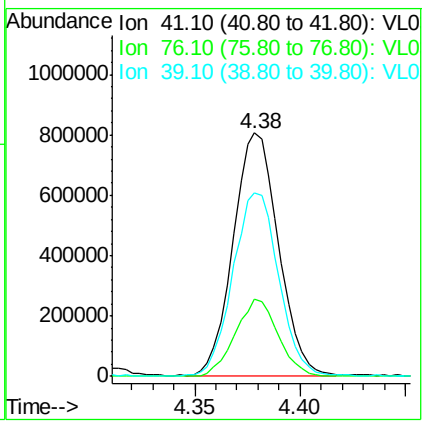


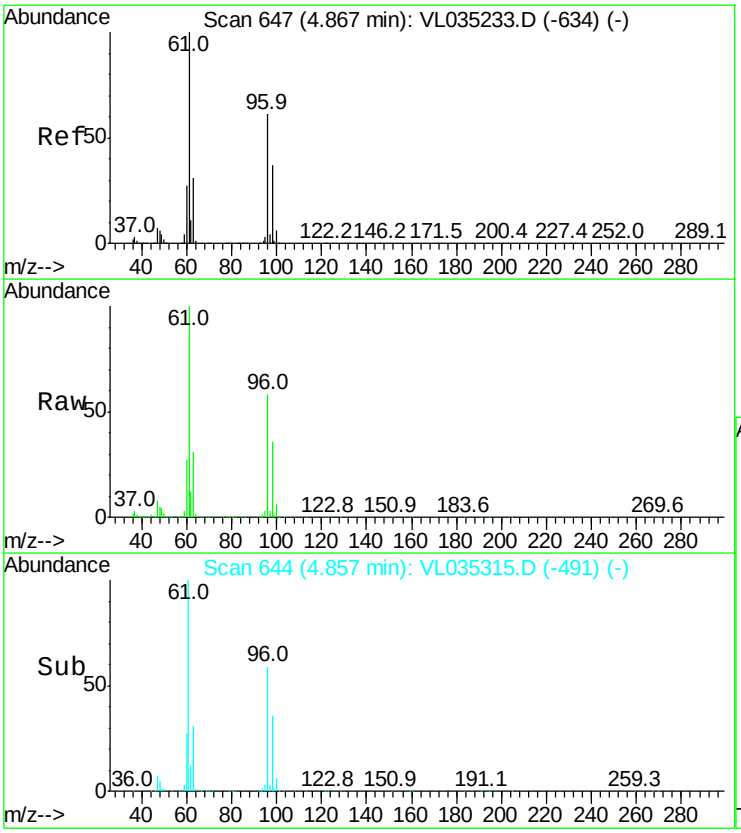
#21
Allyl Chloride
Concen: 11.347 ppbv
RT: 4.38 min Scan# 495
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 1192445

Ion	Ratio	Lower	Upper
41	100		
76	30.5	24.4	36.6
39	77.2	63.8	95.8

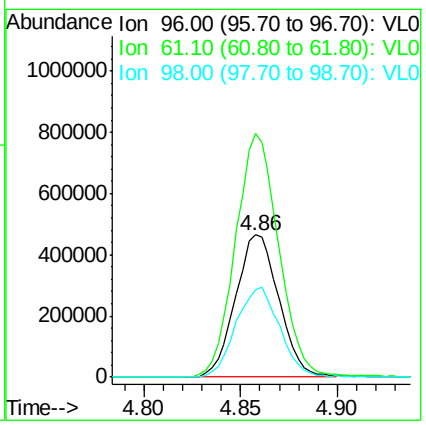


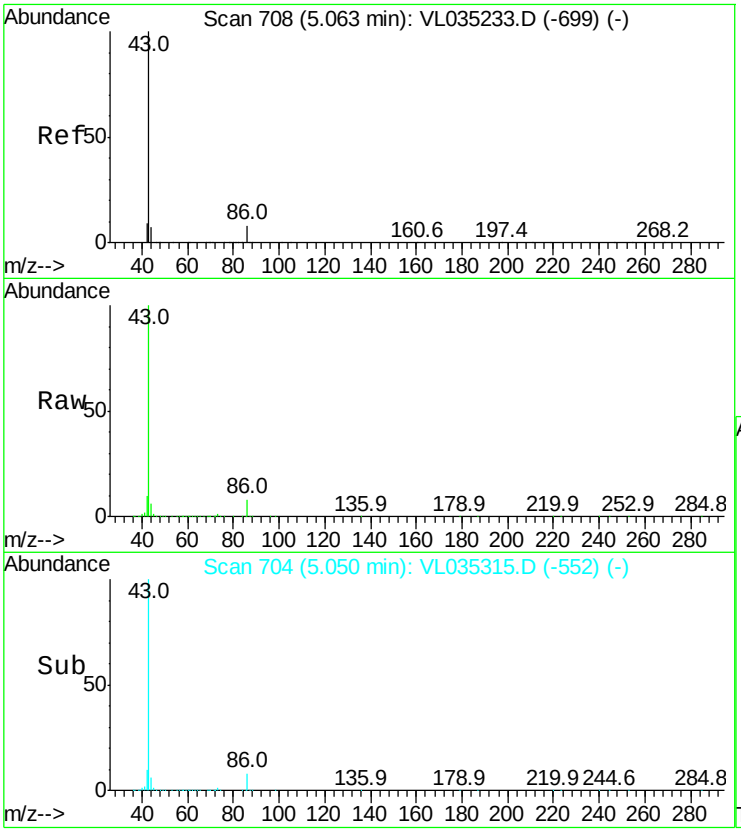


#22
trans-1,2-Dichloroethene
Concen: 10.810 ppbv
RT: 4.86 min Scan# 644
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 96 Resp: 726924

Ion	Ratio	Lower	Upper
96	100		
61	171.0	131.6	197.4
98	61.5	49.0	73.4



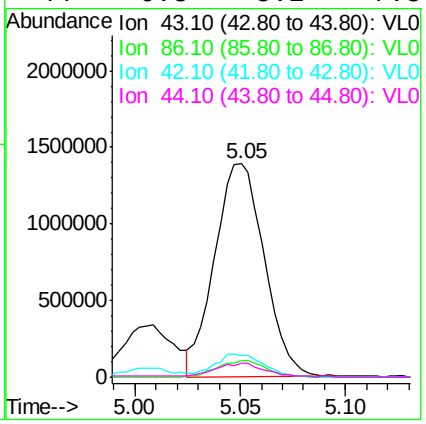


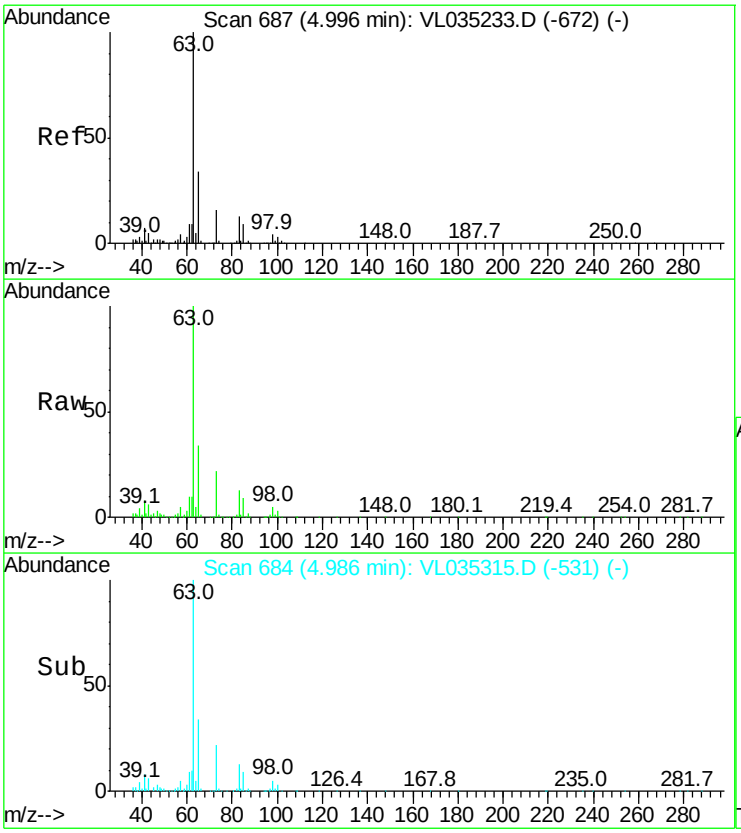
#23
Vinyl Acetate
Concen: 12.207 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2263462

Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.2	9.2
42	10.3	8.0	12.0
44	6.3	5.2	7.8

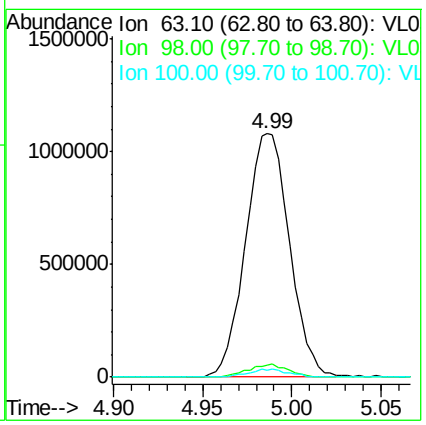


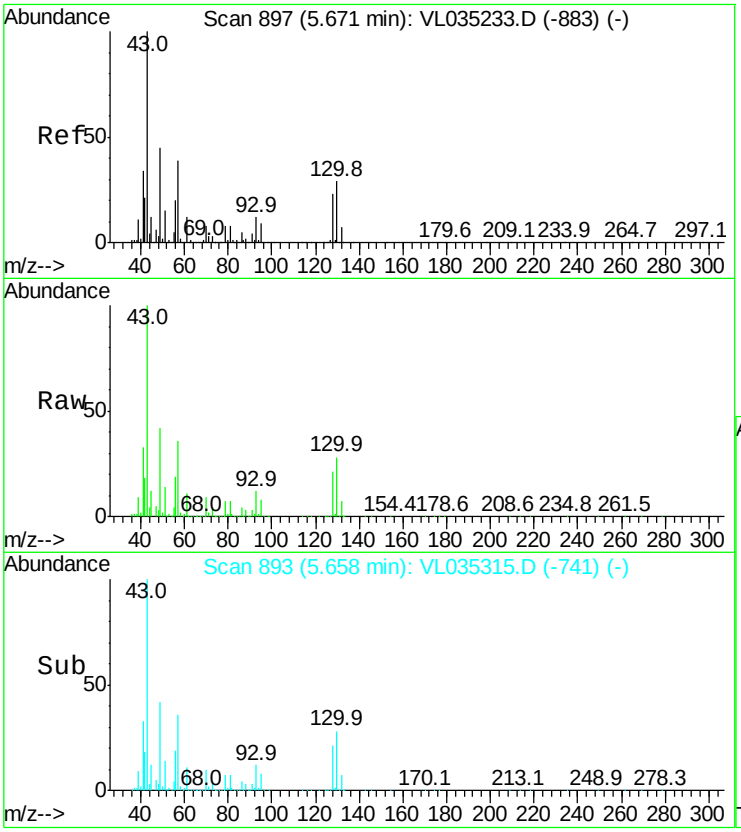


#24
1,1-Dichloroethane
Concen: 10.770 ppbv
RT: 4.99 min Scan# 684
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 63 Resp: 1862426

Ion	Ratio	Lower	Upper
63	100		
98	5.0	1.9	5.7
100	2.9	1.4	4.2



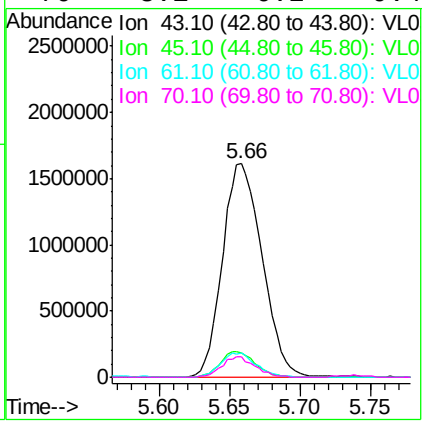


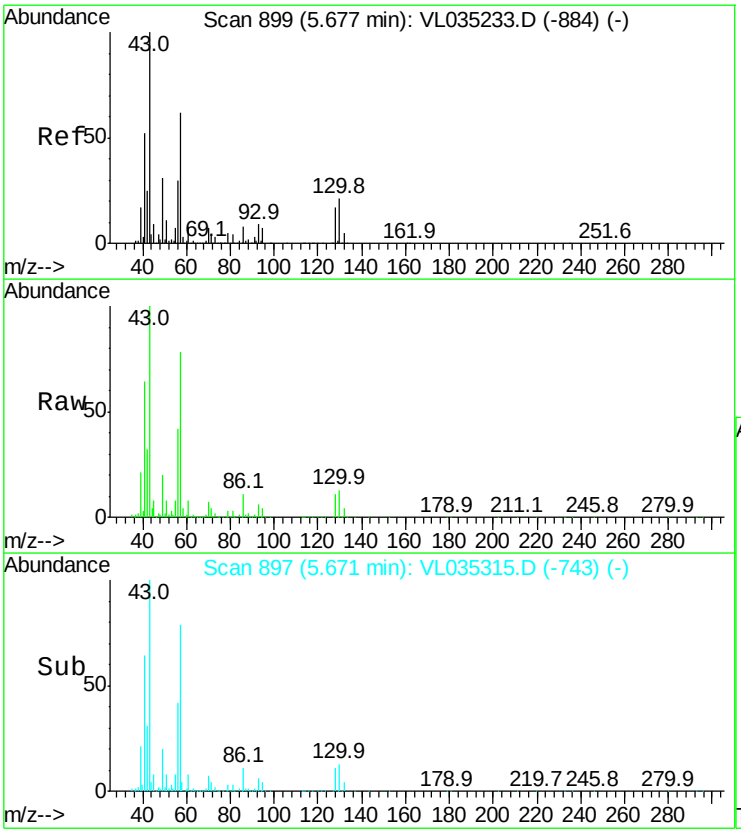
#25
Ethyl Acetate
Concen: 10.980 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 3164099

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.5	12.7
61	10.1	8.1	12.1
70	8.1	6.2	9.4

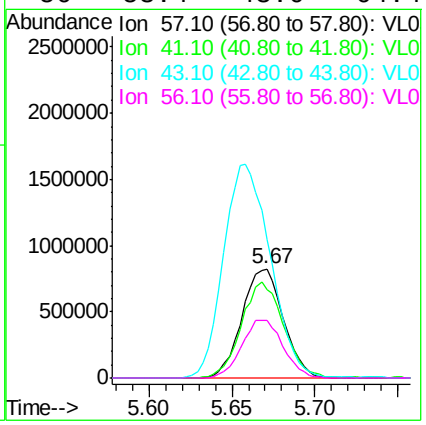


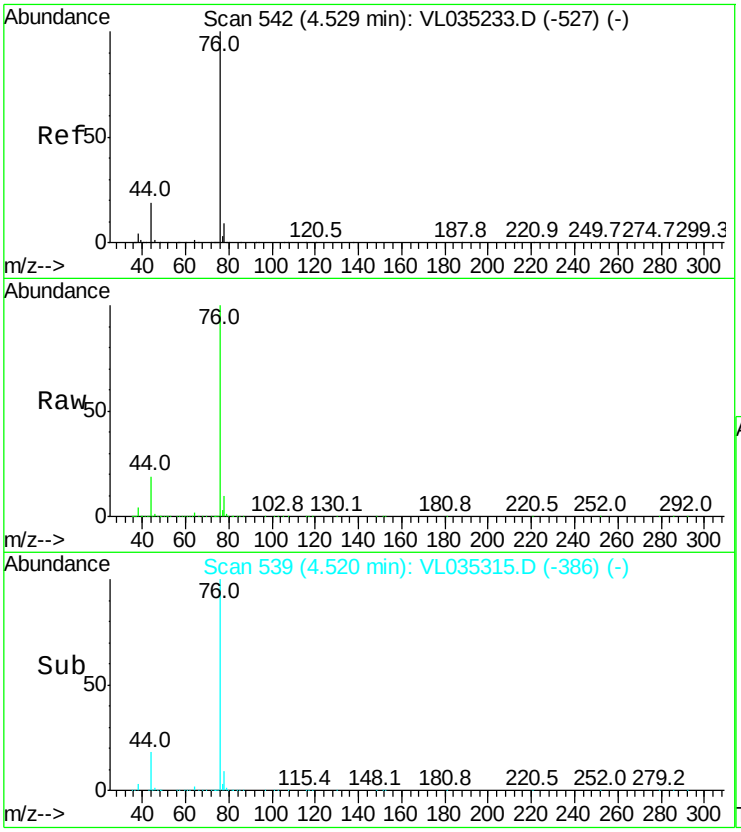


#26
Hexane
Concen: 10.992 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 57 Resp: 1429027

Ion	Ratio	Lower	Upper
57	100		
41	90.1	73.9	110.9
43	223.8	177.6	266.4
56	53.4	43.0	64.4



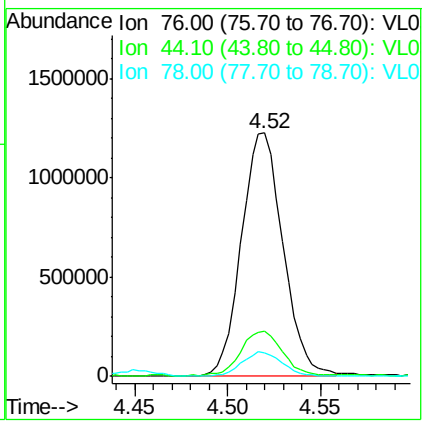


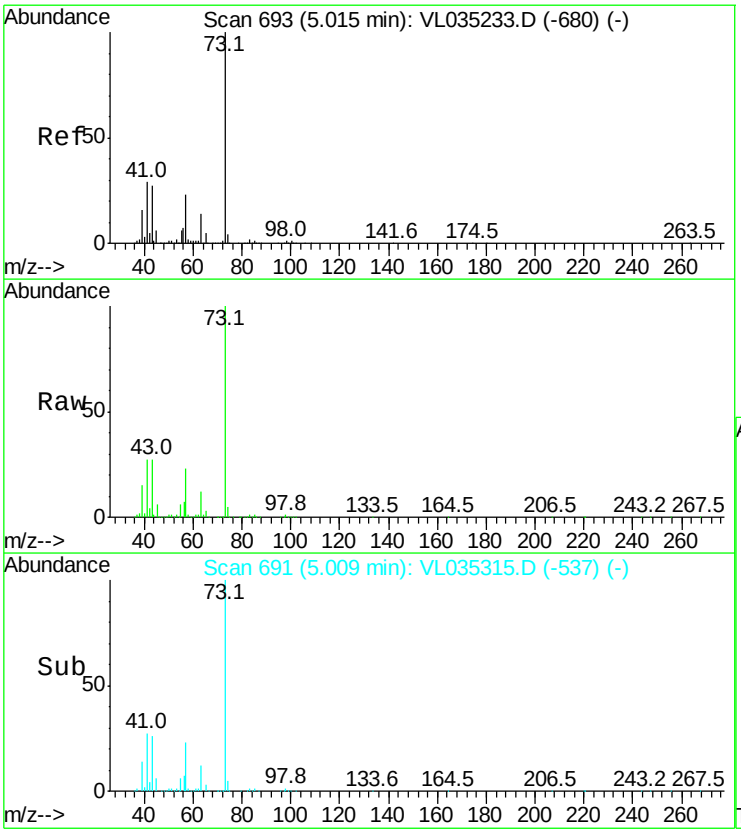
#27
Carbon Disulfide
Concen: 10.841 ppbv
RT: 4.52 min Scan# 539
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 76 Resp: 1904054

Ion	Ratio	Lower	Upper
76	100		
44	18.5	14.7	22.1
78	9.8	7.6	11.4

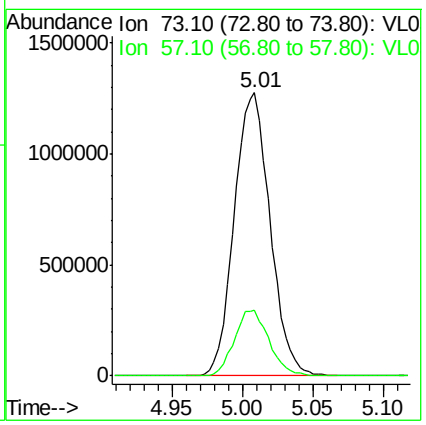


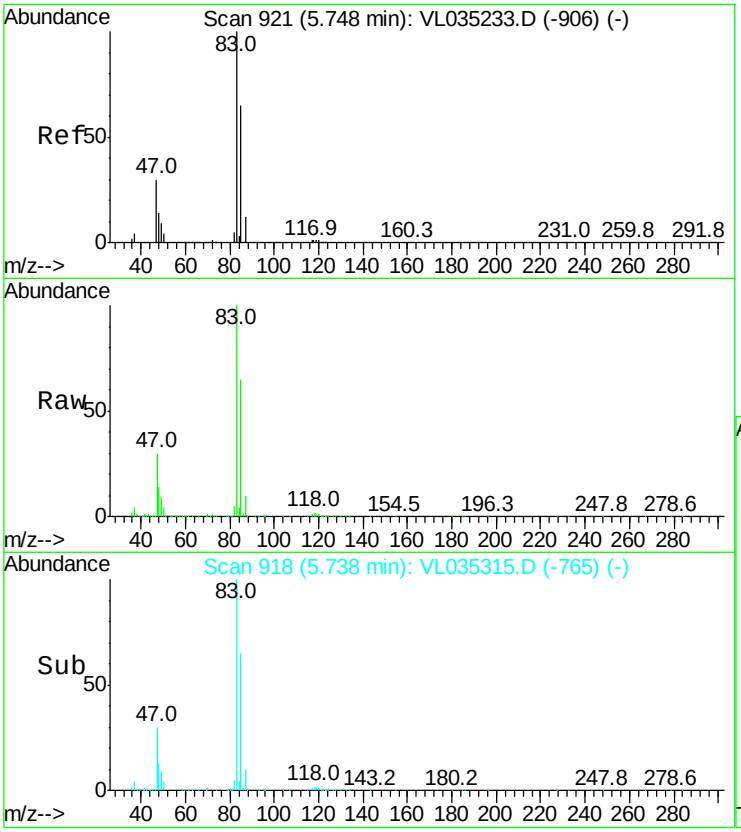


#28
Methyl tert-Butyl Ether
Concen: 12.219 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 73 Resp: 2270804

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.4



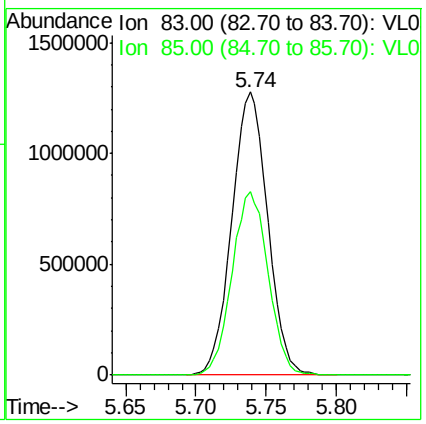


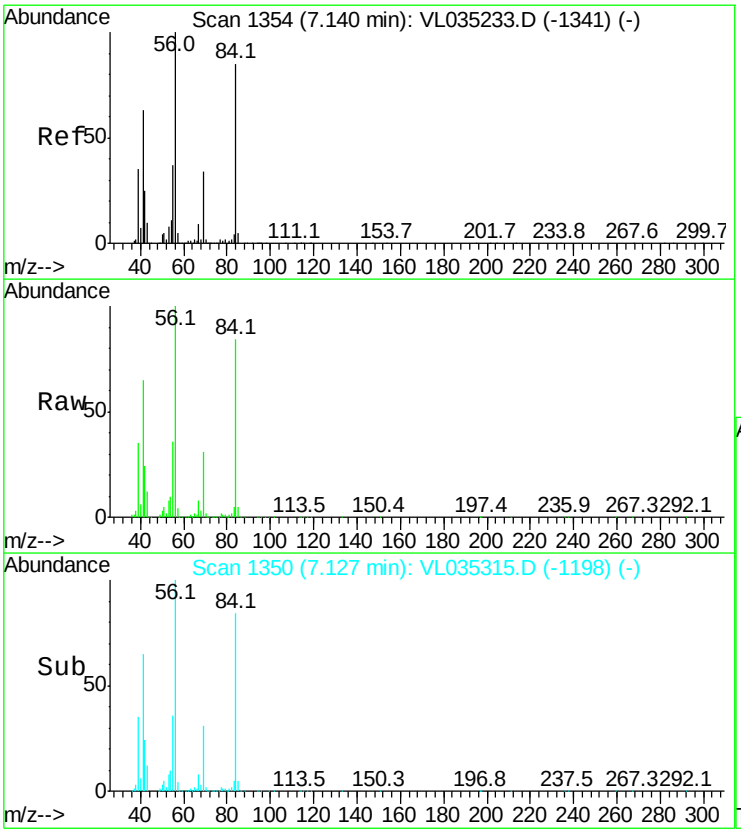
#29
Chloroform
Concen: 10.423 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2272596

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.7	77.5

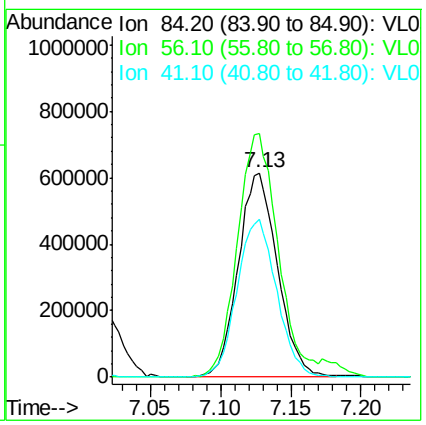


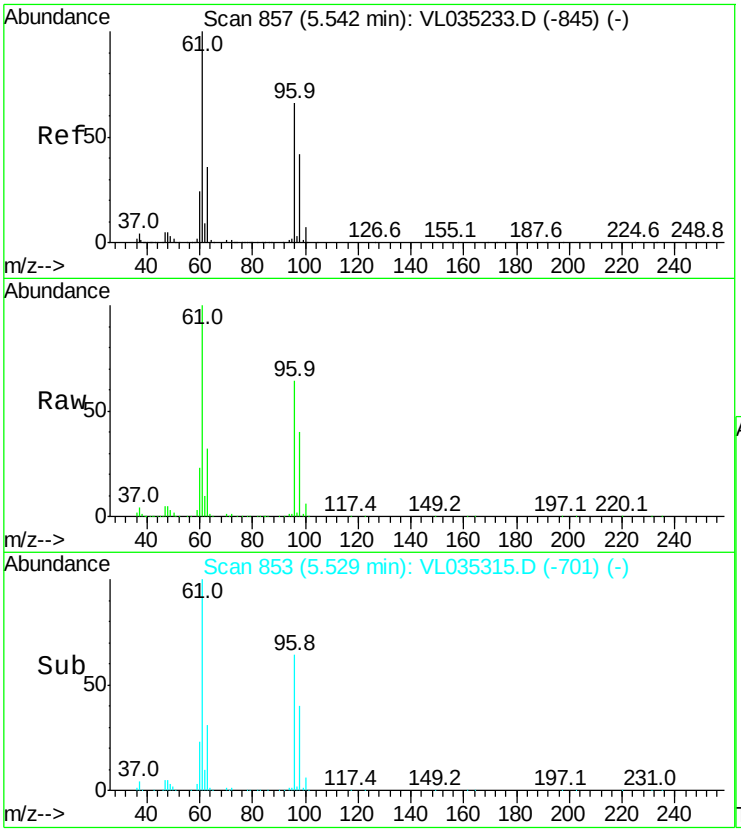


#30
Cyclohexane
Concen: 12.862 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 84 Resp: 1195182

Ion	Ratio	Lower	Upper
84	100		
56	128.8	104.2	156.2
41	78.4	63.7	95.5



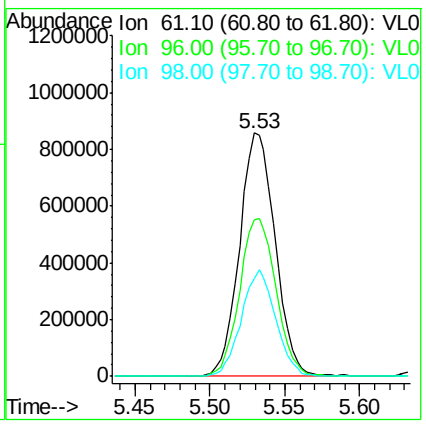


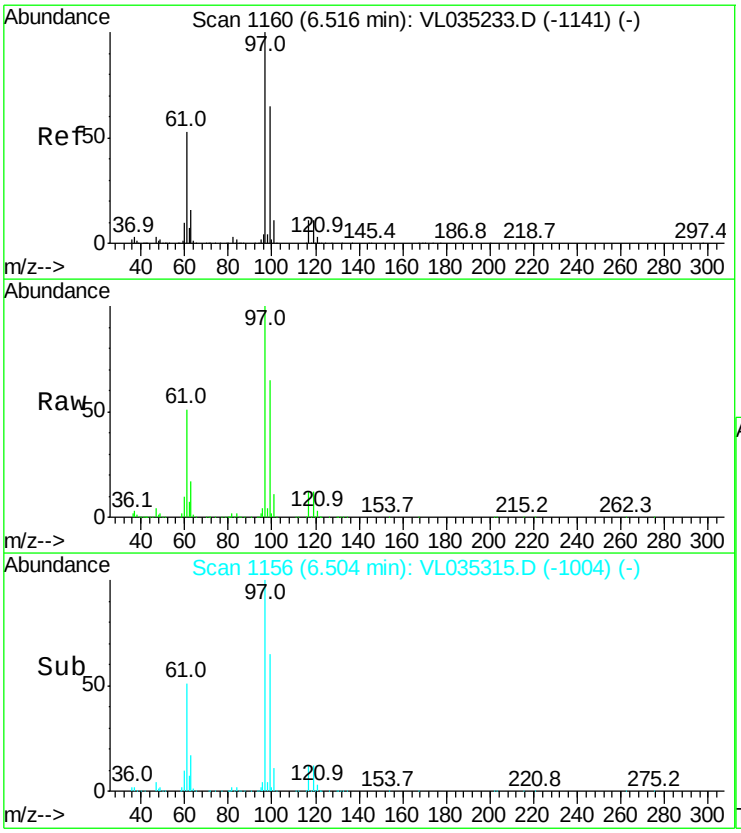
#31
cis-1,2-Dichloroethene
Concen: 12.588 ppbv
RT: 5.53 min Scan# 853
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1426491

Ion	Ratio	Lower	Upper
61	100		
96	64.3	52.6	78.8
98	40.3	33.7	50.5

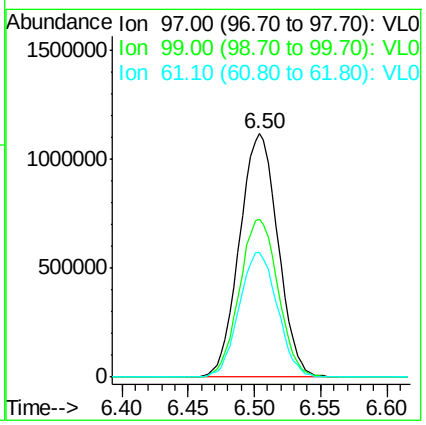


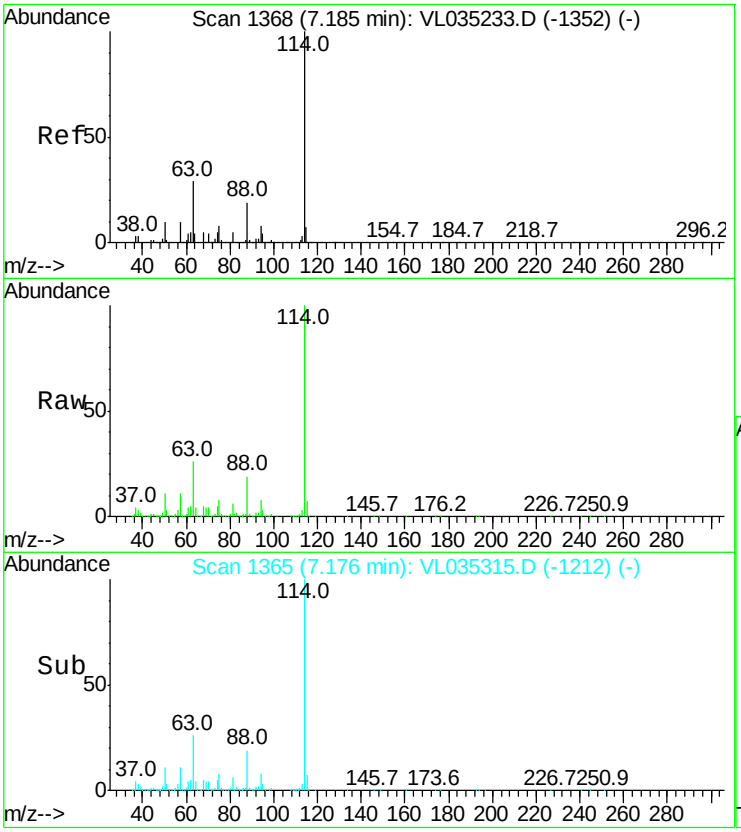


#32
1,1,1-Trichloroethane
Concen: 10.104 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 97 Resp: 2254928

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.4	77.0
61	51.1	40.4	60.6



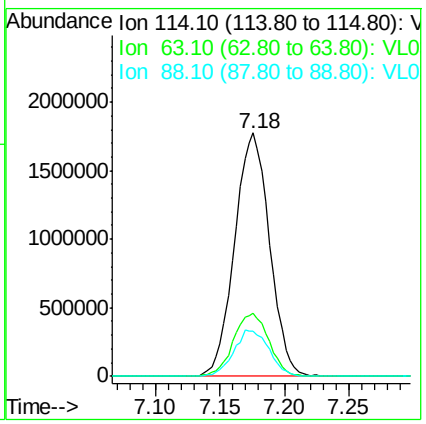


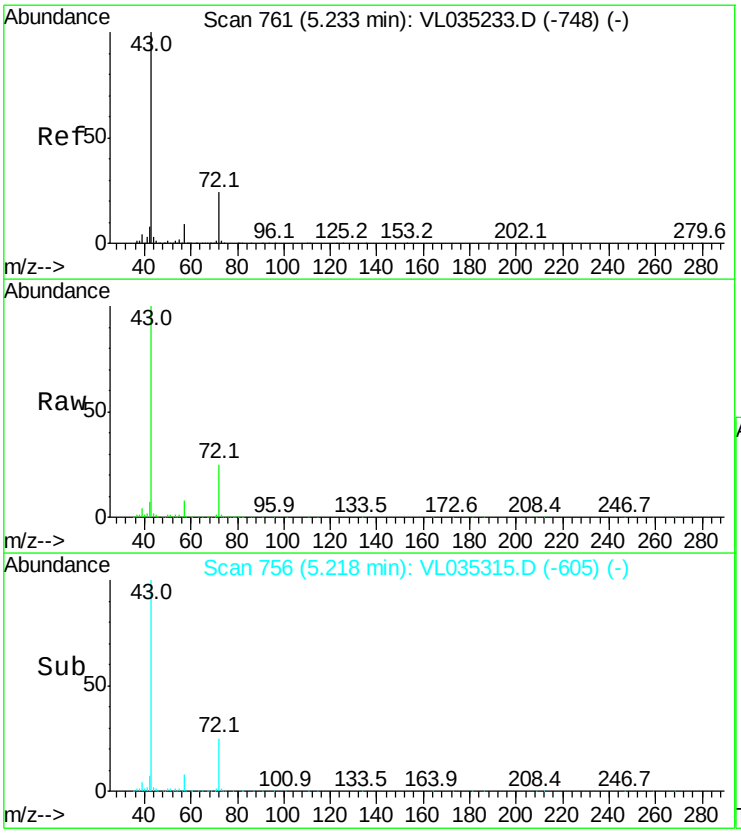
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 3342072

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.2	33.2
88	19.1	15.4	23.0

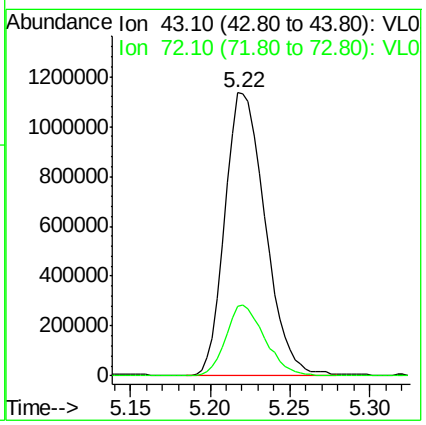


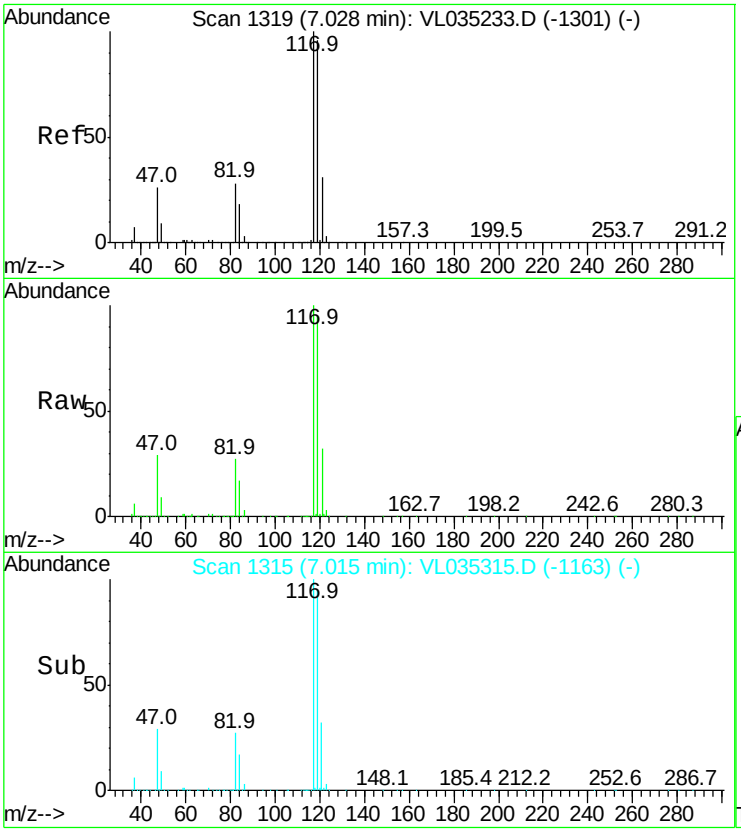


#34
2-Butanone
Concen: 11.498 ppbv
RT: 5.22 min Scan# 756
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 43 Resp: 1955268

Ion	Ratio	Lower	Upper
43	100		
72	24.0	19.2	28.8



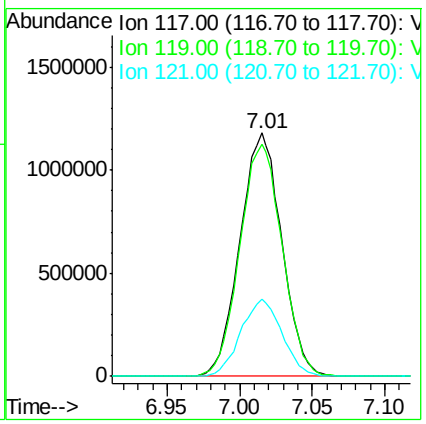


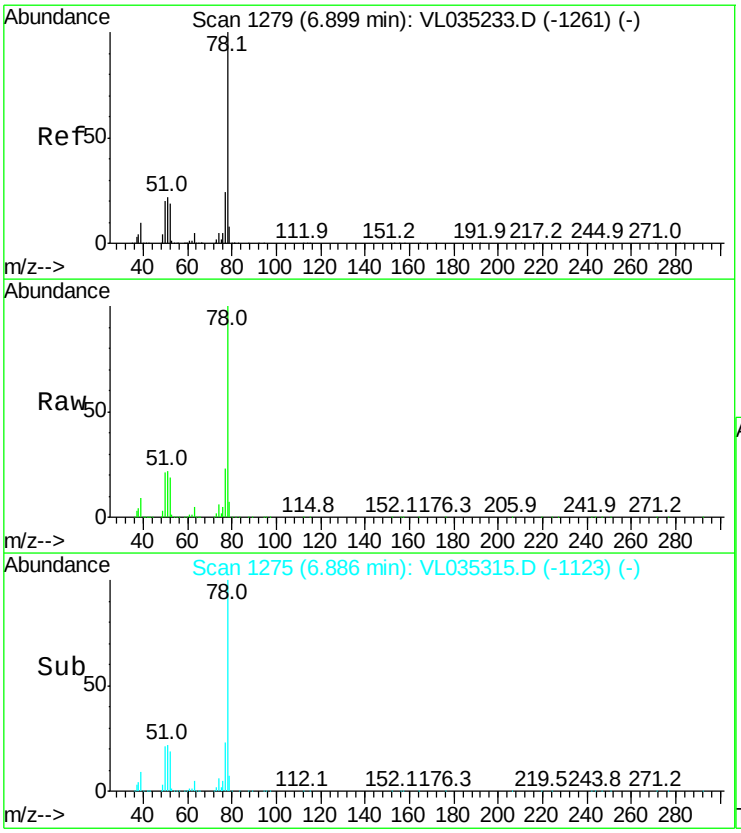
#35
Carbon Tetrachloride
Concen: 10.560 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2363014

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.8	115.2
121	32.0	24.5	36.7

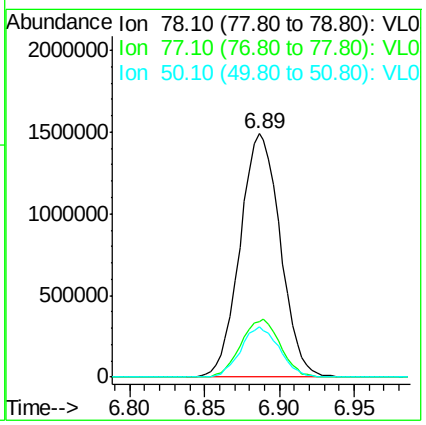


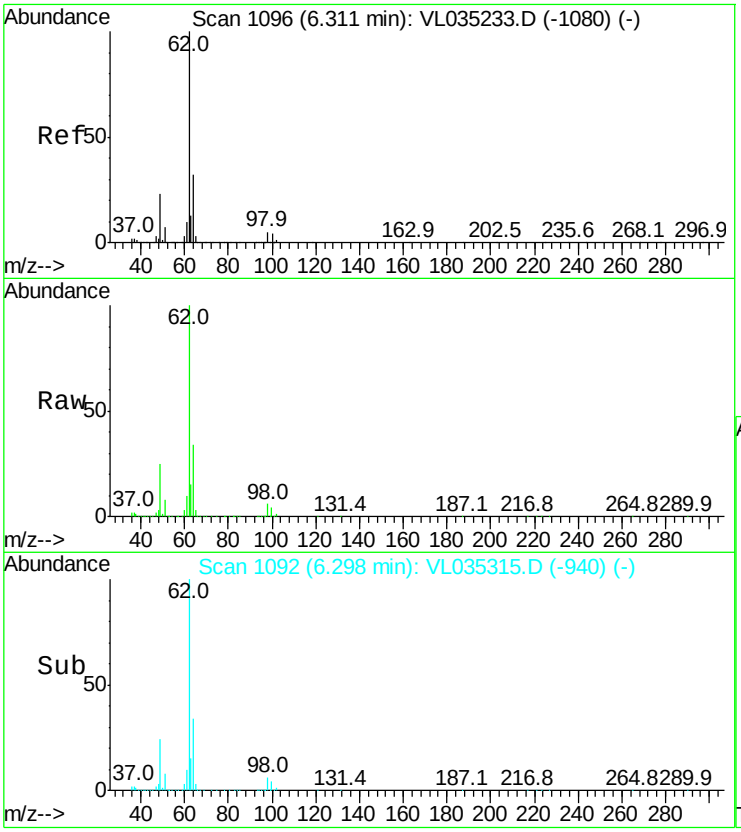


#36
Benzene
Concen: 11.972 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 78 Resp: 2780837

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3
50	20.8	16.1	24.1



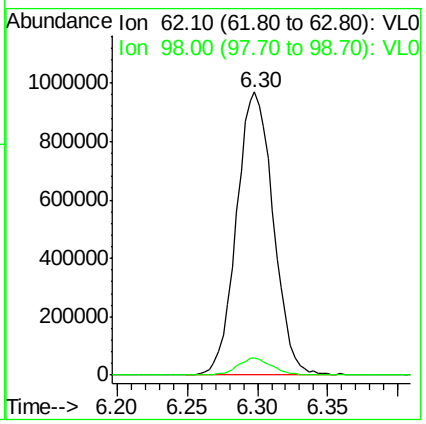


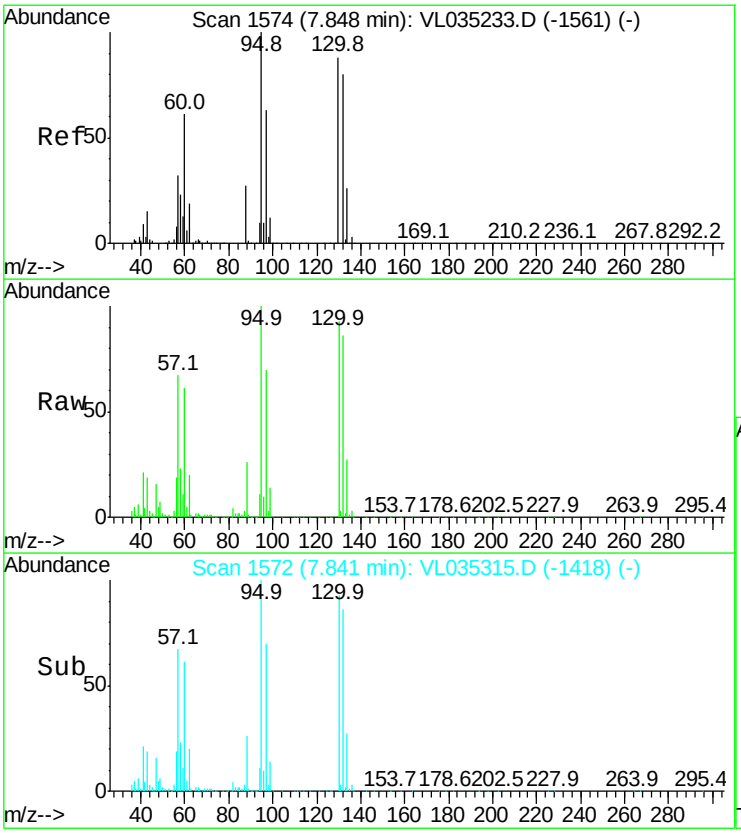
#37
1,2-Dichloroethane
Concen: 10.898 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1769512

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.5	6.7

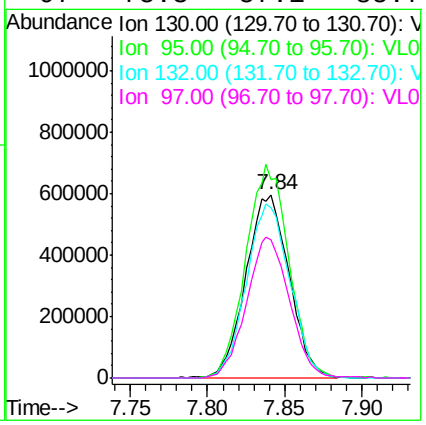


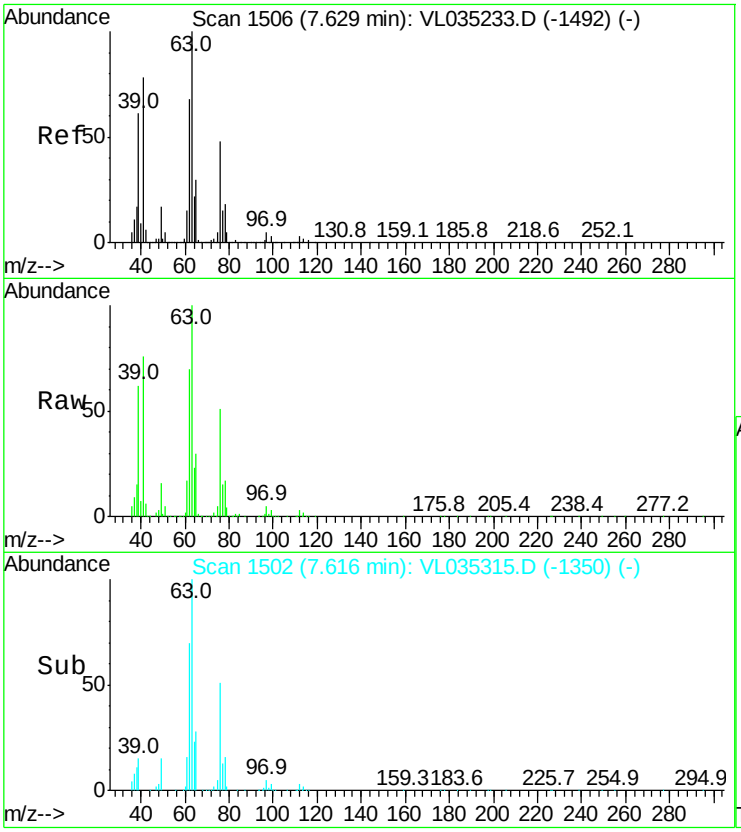


#38
Trichloroethene
Concen: 12.047 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:130 Resp: 1159666

Ion	Ratio	Lower	Upper
130	100		
95	107.9	90.7	136.1
132	92.7	72.9	109.3
97	75.3	57.1	85.7



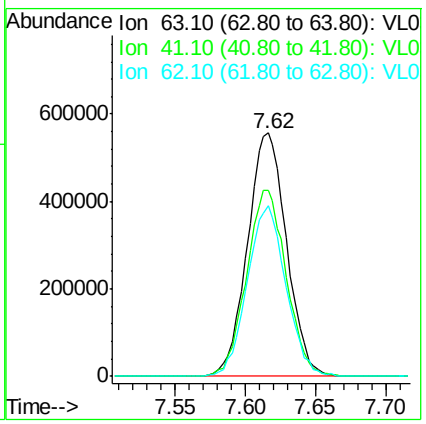


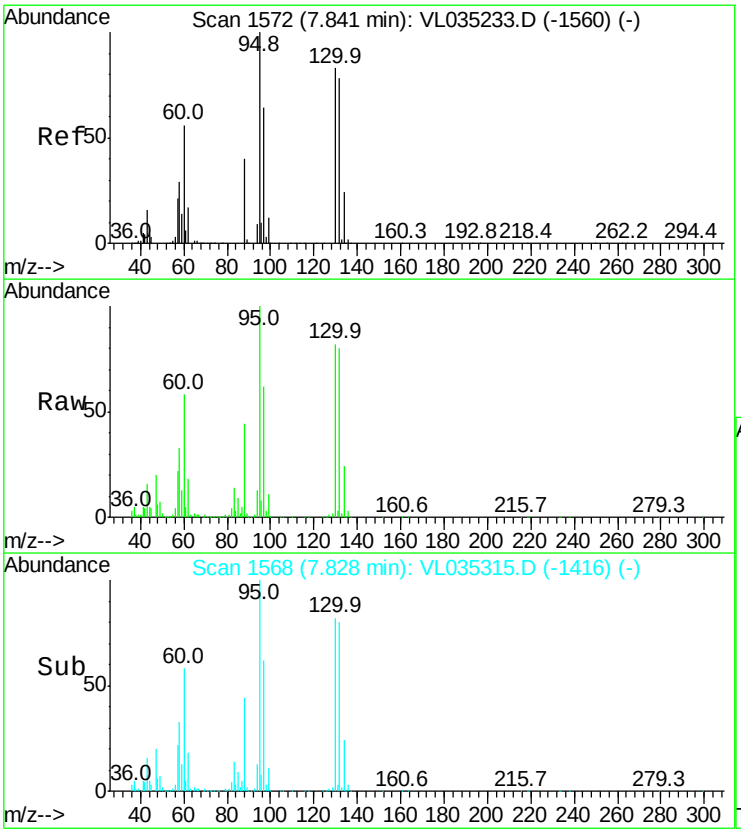
#39
1,2-Dichloropropane
Concen: 11.651 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 1079671

Ion	Ratio	Lower	Upper
63	100		
41	76.2	62.2	93.4
62	69.8	54.2	81.2

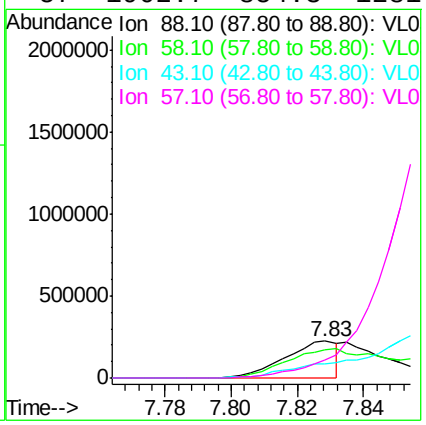


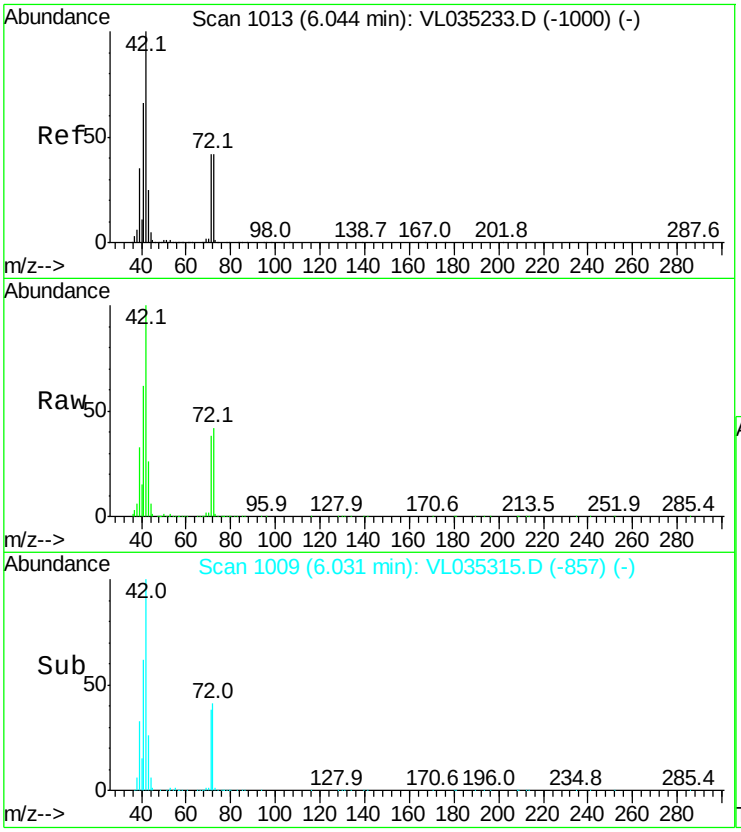


#40
1,4-Dioxane
Concen: 6.802 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 88 Resp: 248228

Ion	Ratio	Lower	Upper
88	100		
58	239.2	99.3	148.9#
43	433.1	195.6	293.4#
57	1902.7	854.3	1281.5#



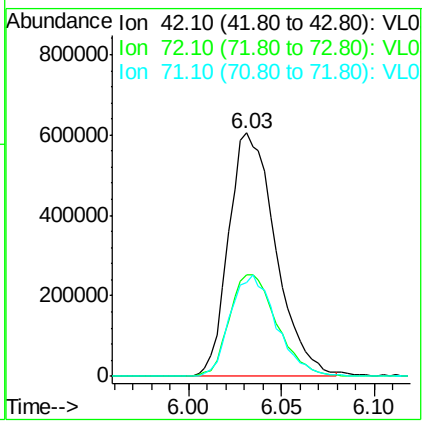


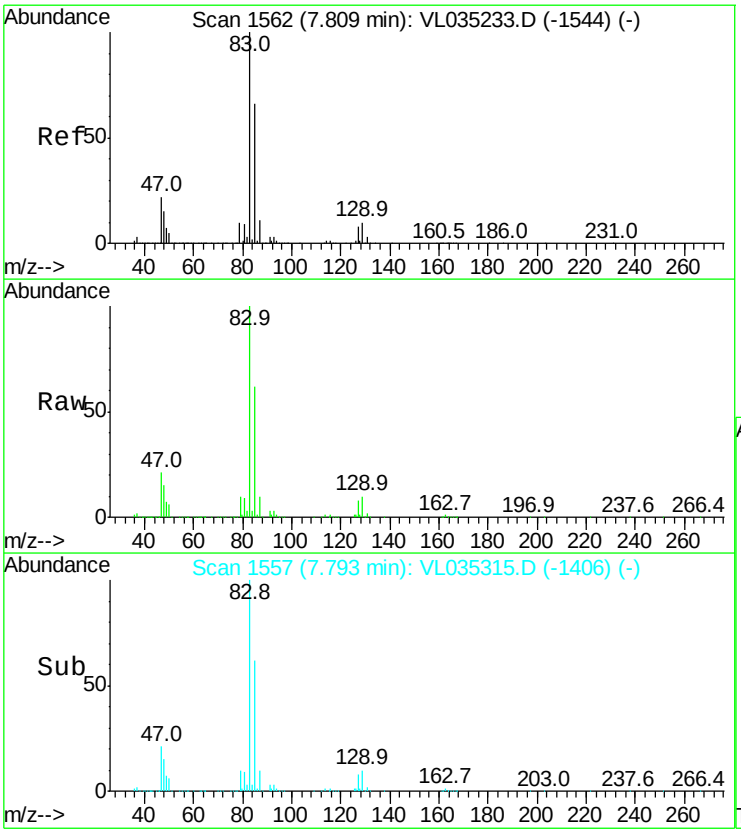
#41
Tetrahydrofuran
Concen: 12.834 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 1069618

Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.2	51.2
71	40.9	33.2	49.8

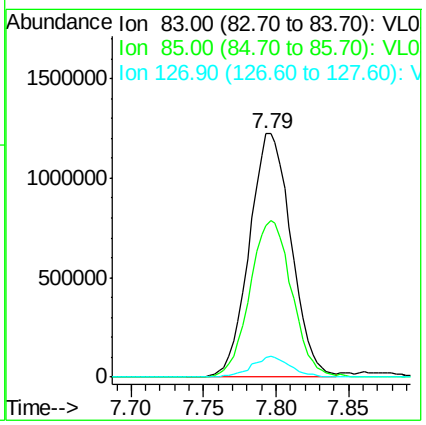


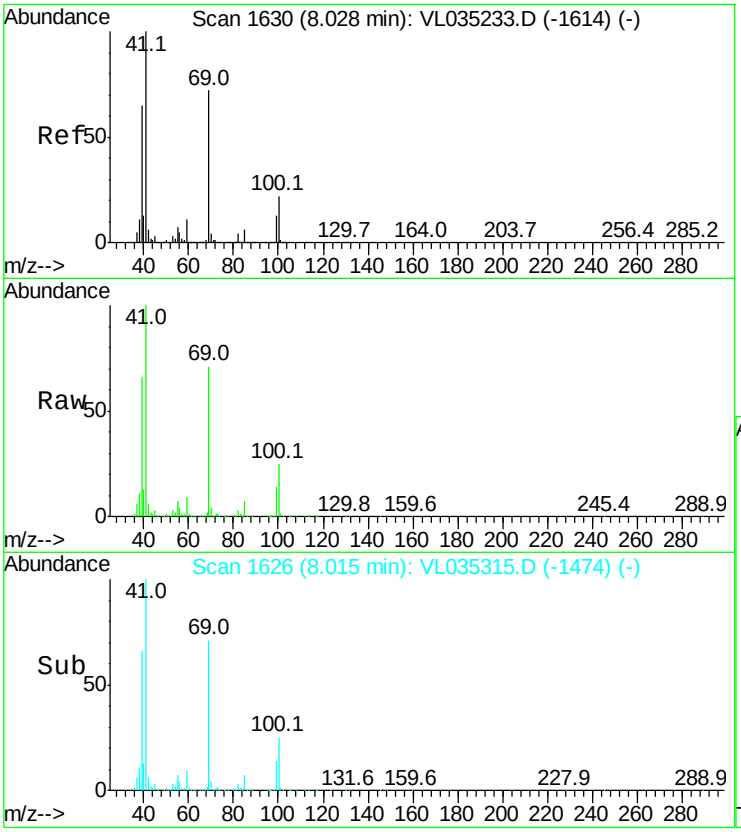


#42
Bromodichloromethane
Concen: 11.339 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 83 Resp: 2457210

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.9	79.3
127	8.3	6.5	9.7



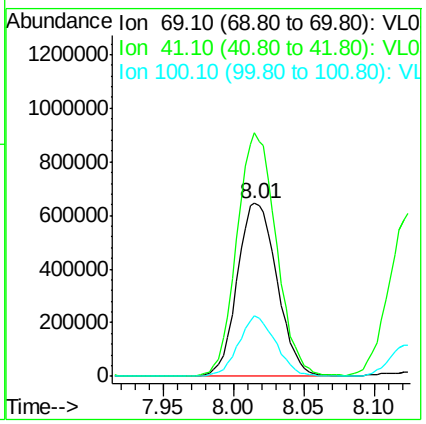


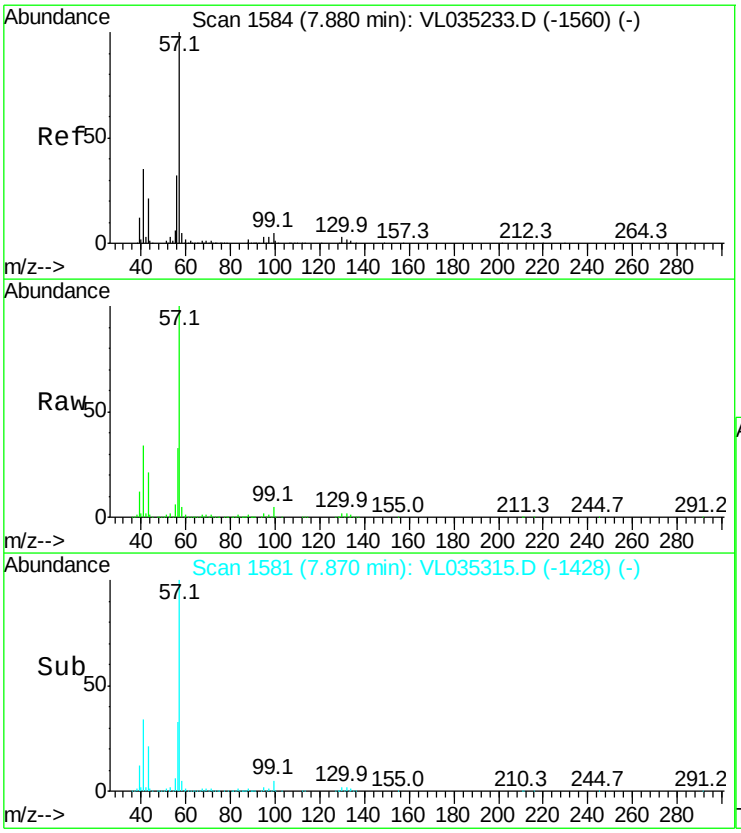
#43
Methyl Methacrylate
Concen: 12.694 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 1277482

Ion	Ratio	Lower	Upper
69	100		
41	138.6	113.0	169.4
100	32.5	25.3	37.9

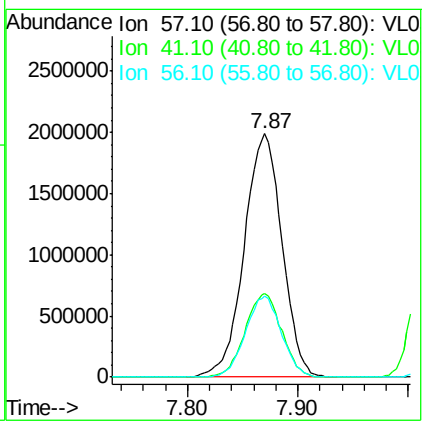


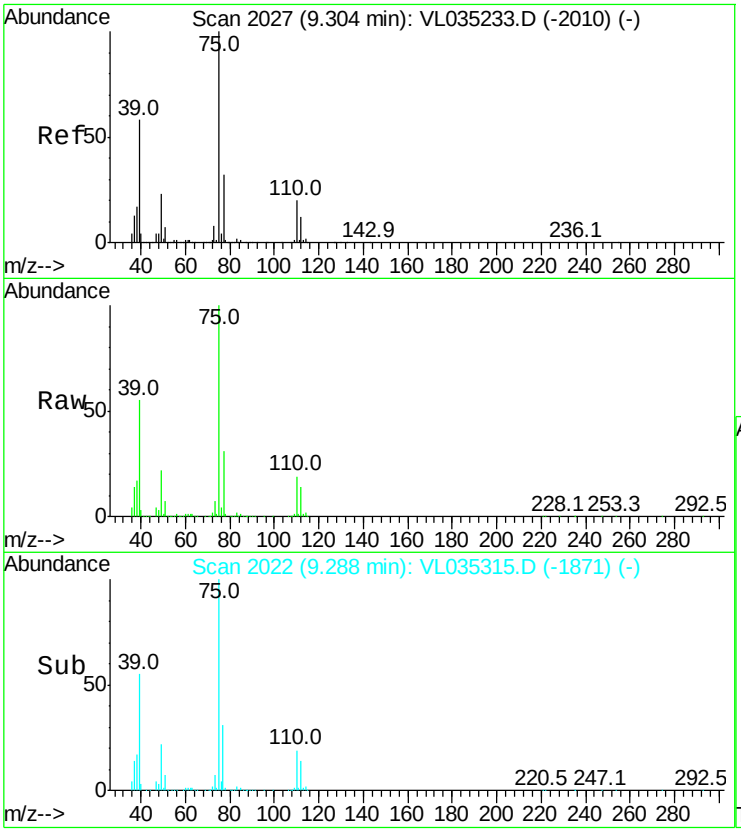


#44
2,2,4-Trimethylpentane
Concen: 11.520 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 57 Resp: 4714611

Ion	Ratio	Lower	Upper
57	100		
41	33.4	27.0	40.4
56	31.7	25.6	38.4



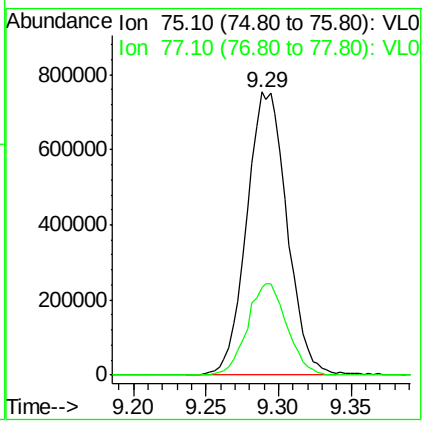


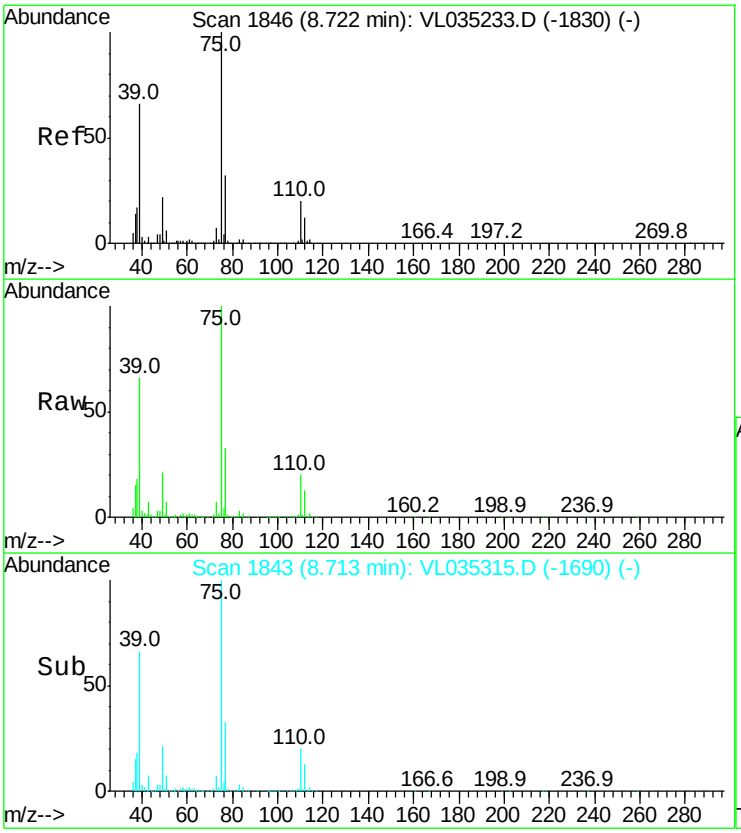
#45
t-1,3-Dichloropropene
Concen: 14.357 ppbv
RT: 9.29 min Scan# 2022
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 75 Resp: 1455750

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.6	38.4

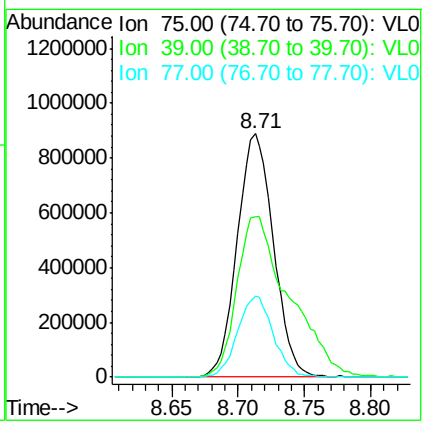


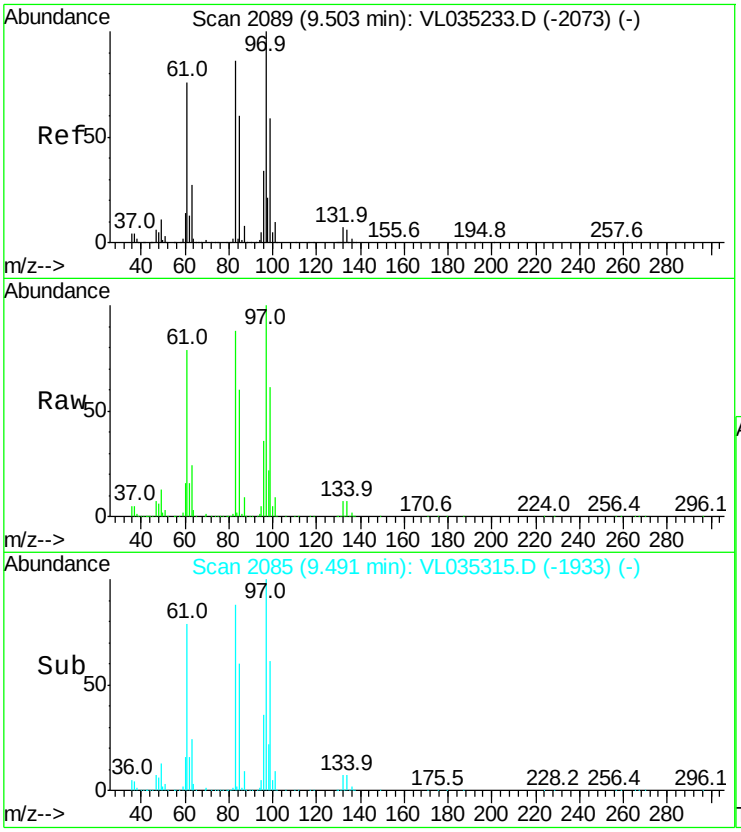


#46
cis-1,3-Dichloropropene
Concen: 13.692 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 75 Resp: 1691357

Ion	Ratio	Lower	Upper
75	100		
39	65.8	53.0	79.4
77	33.1	25.8	38.8



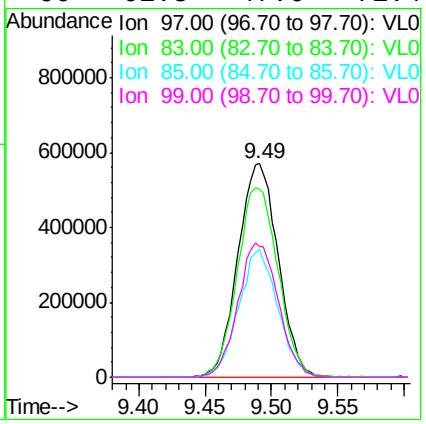


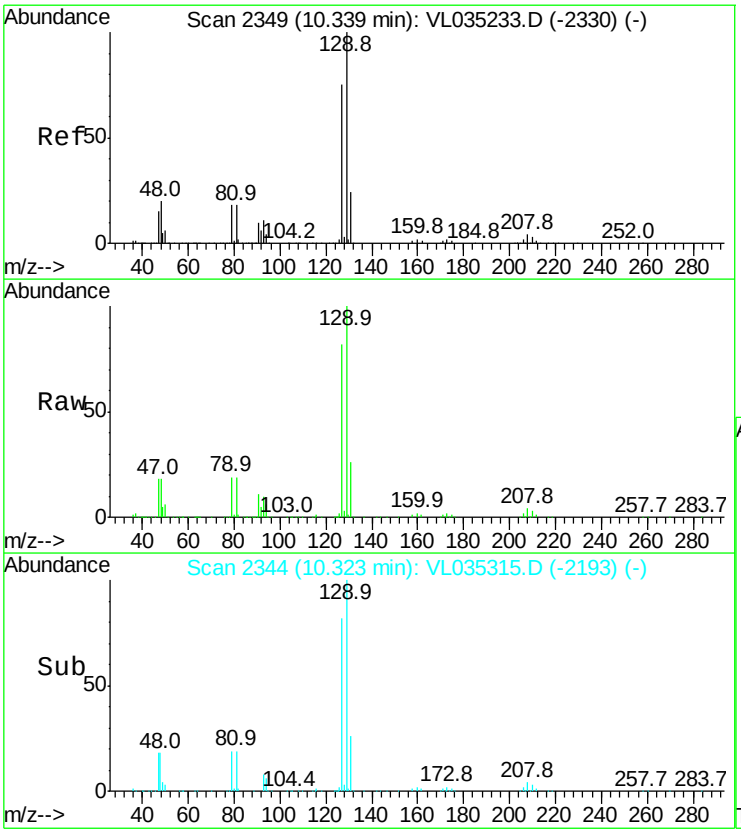
#47
1,1,2-Trichloroethane
Concen: 11.006 ppbv
RT: 9.49 min Scan# 2085
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1204855

Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.0	103.4
85	59.8	47.8	71.8
99	61.3	47.6	71.4

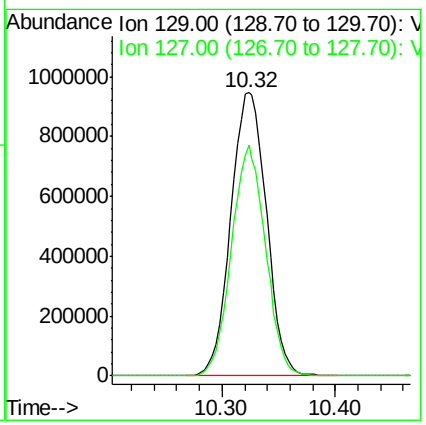


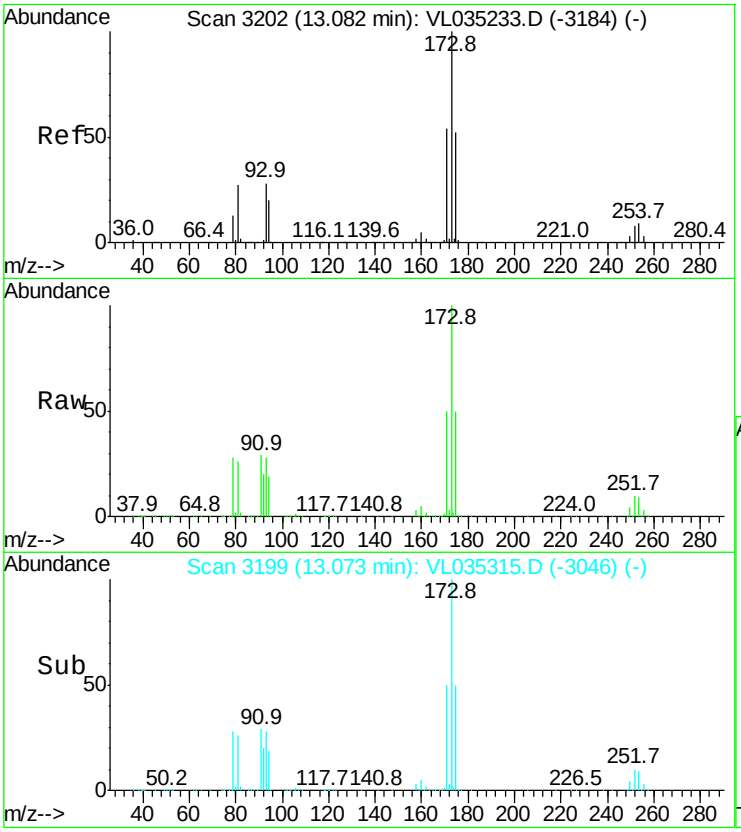


#48
Dibromochloromethane
Concen: 12.027 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:129 Resp: 2073570

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.6	119.0



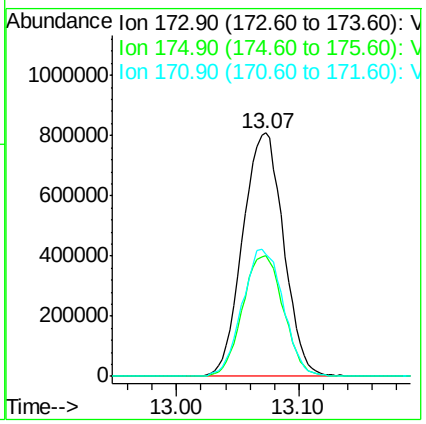


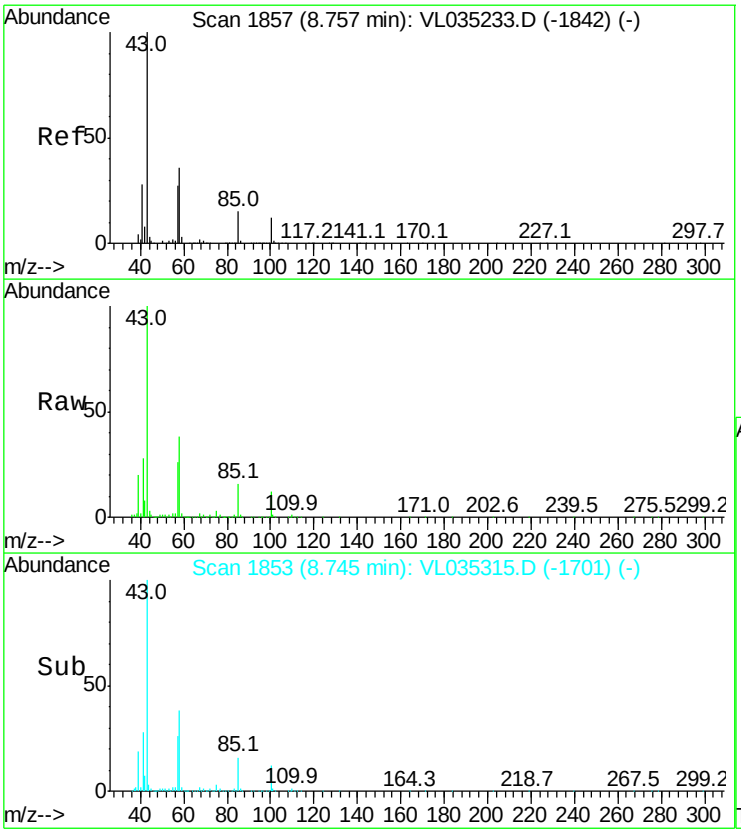
#49
Bromoform
Concen: 12.064 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1869847

Ion	Ratio	Lower	Upper
173	100		
175	49.7	40.0	60.0
171	52.5	41.8	62.8

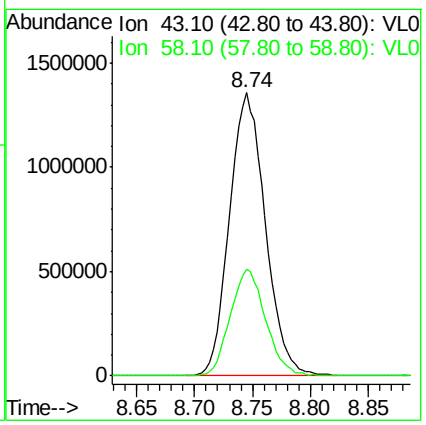


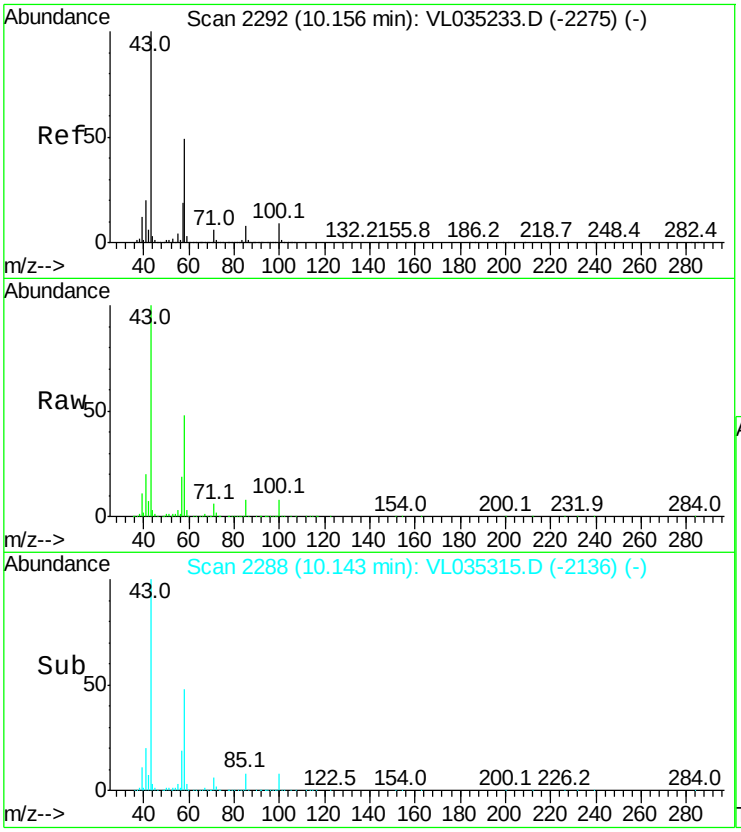


#50
4-Methyl-2-Pentanone
Concen: 11.788 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 43 Resp: 2904942

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.0	45.0



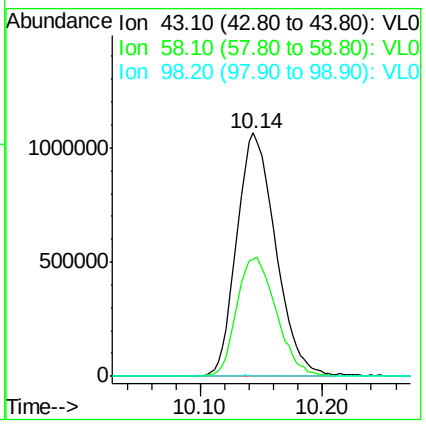


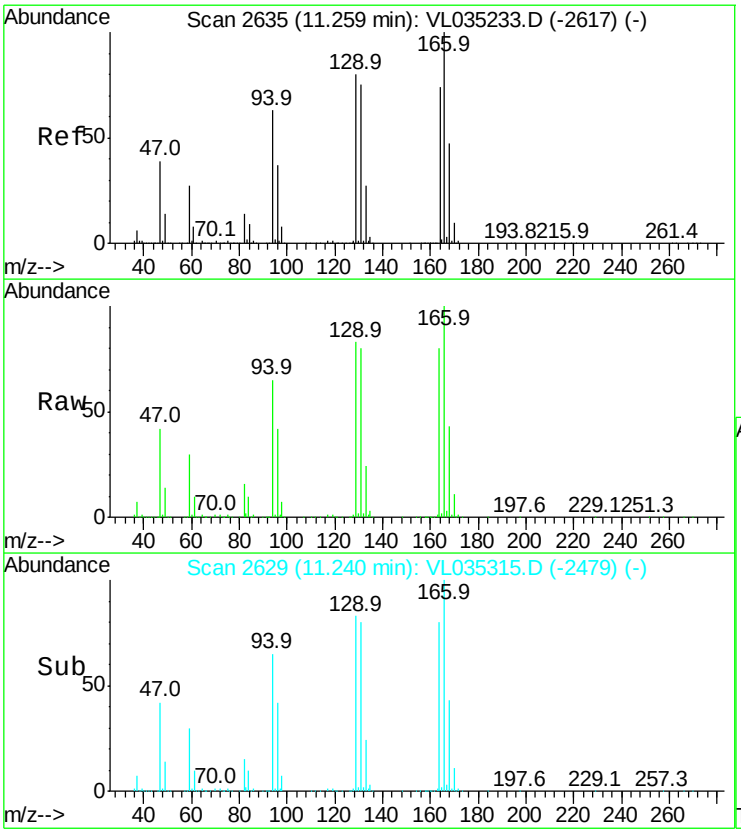
#51
2-Hexanone
Concen: 12.572 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2349478

Ion	Ratio	Lower	Upper
43	100		
58	49.7	38.8	58.2
98	0.4	0.6	0.8#

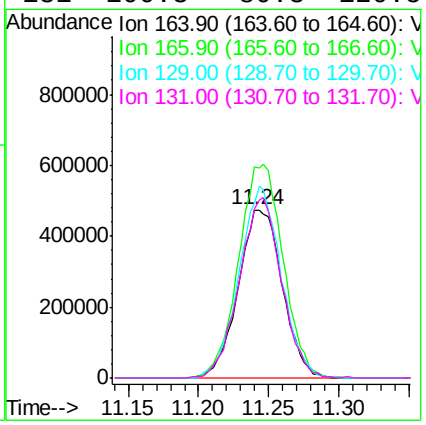


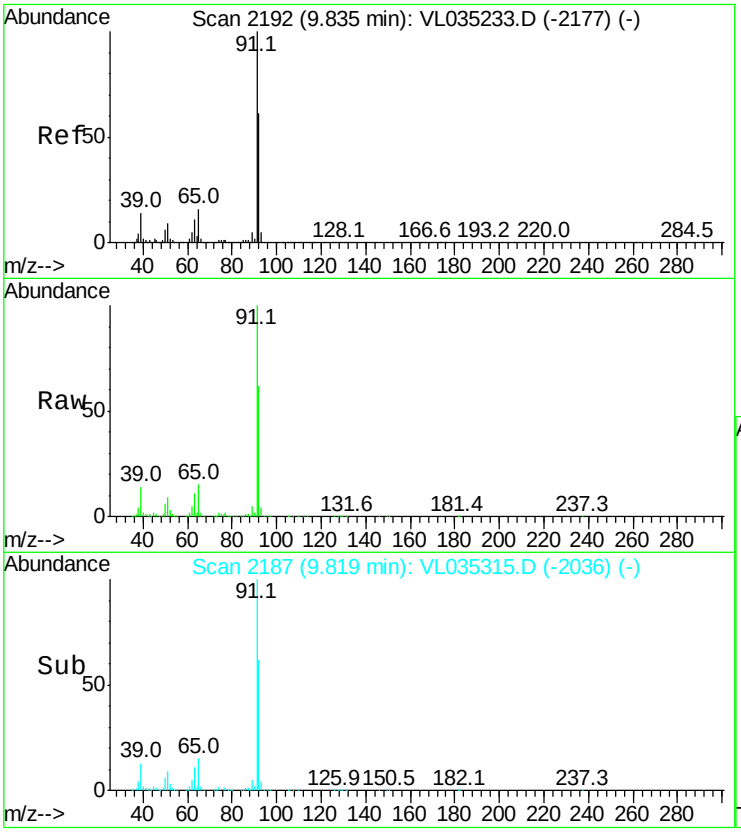


#52
Tetrachloroethene
Concen: 11.703 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:164 Resp: 1037098

Ion	Ratio	Lower	Upper
164	100		
166	125.2	107.5	161.3
129	103.4	86.0	129.0
131	100.3	80.3	120.5



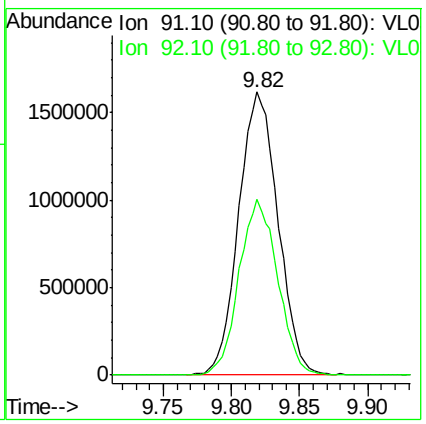


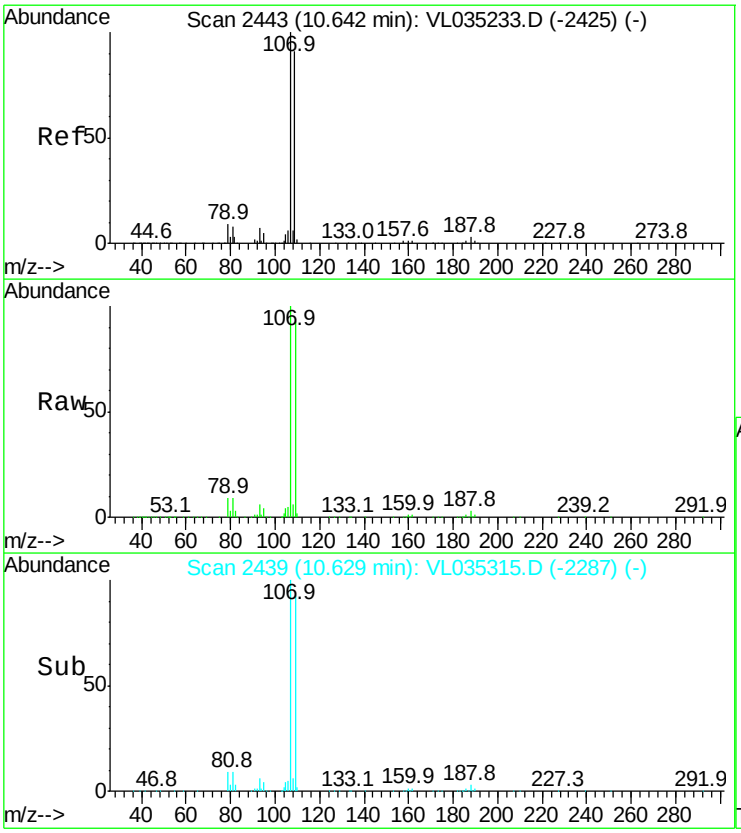
#53
Toluene
Concen: 13.120 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3238685

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.5	72.7

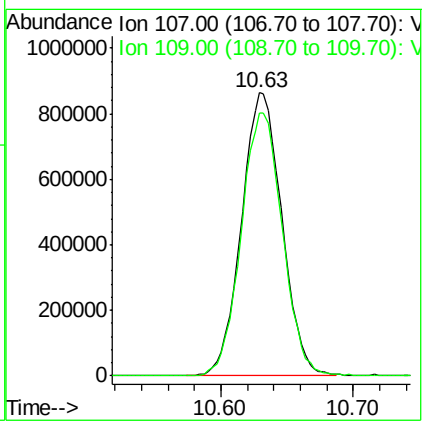


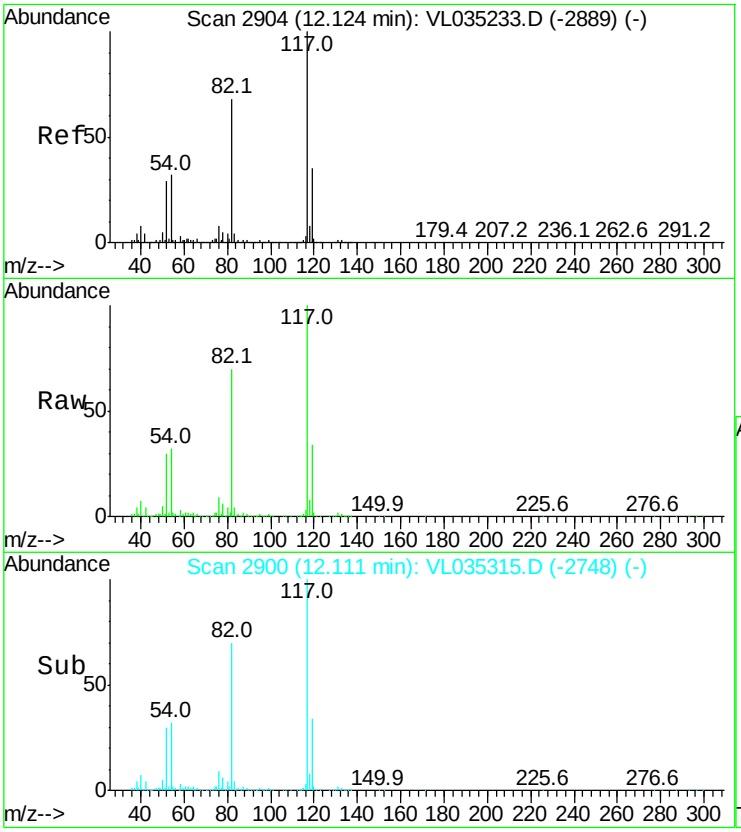


#54
1,2-Dibromoethane
Concen: 11.534 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:107 Resp: 1825547

Ion	Ratio	Lower	Upper
107	100		
109	93.0	73.0	109.6



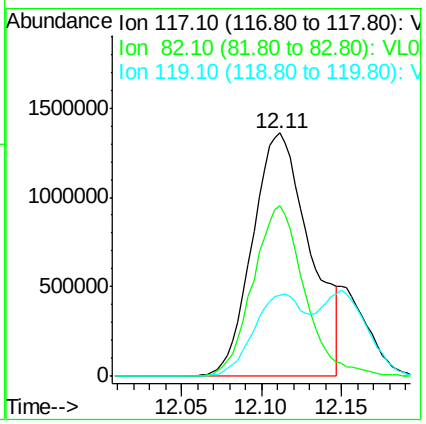


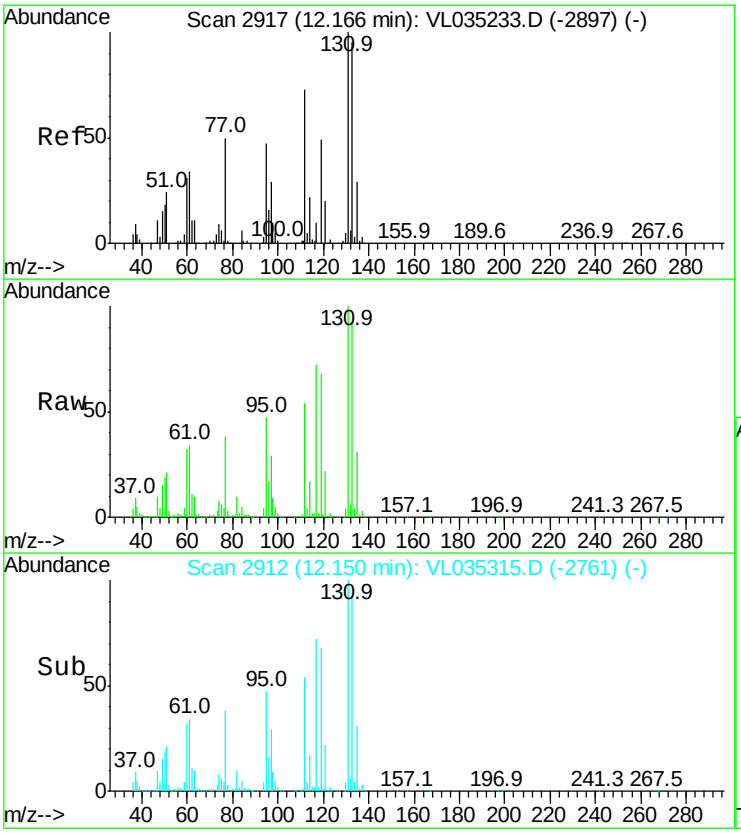
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 3375961

Ion	Ratio	Lower	Upper
117	100		
82	63.3	52.4	78.6
119	30.1	24.6	36.8

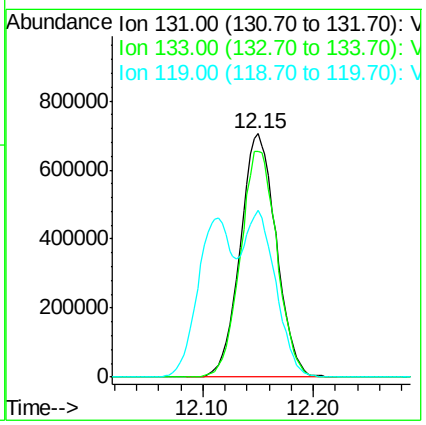


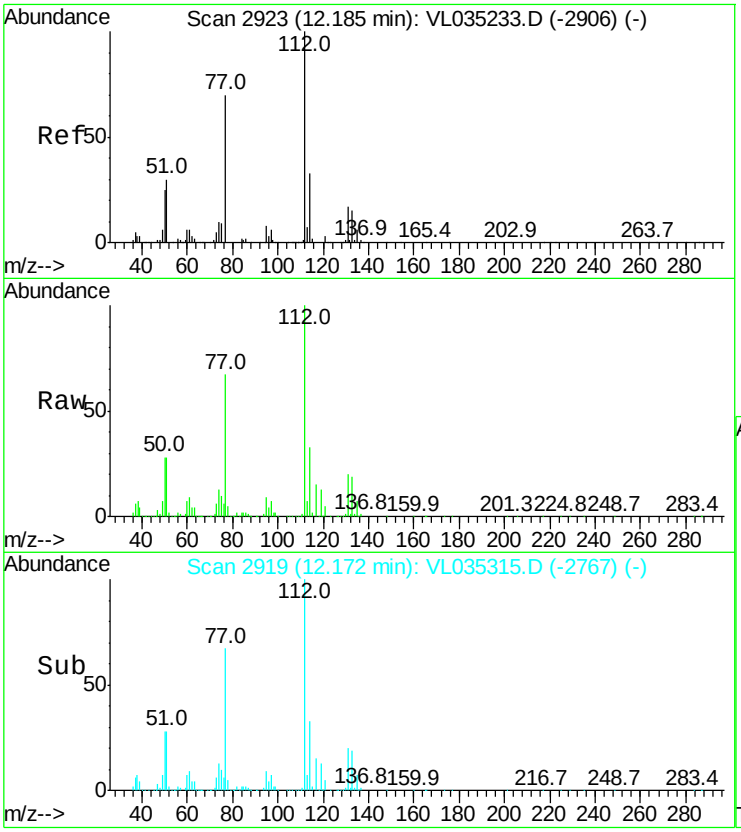


#56
1,1,1,2-Tetrachloroethane
Concen: 10.237 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:131 Resp: 1589129

Ion	Ratio	Lower	Upper
131	100		
133	94.4	76.1	114.1
119	66.4	44.3	66.5



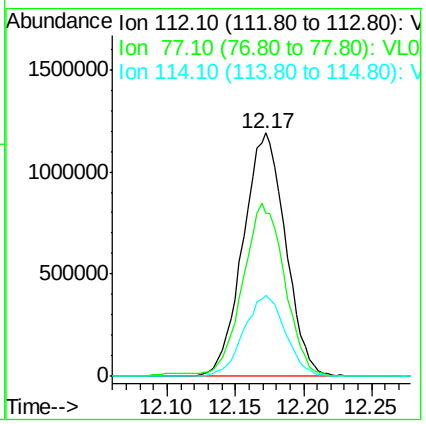


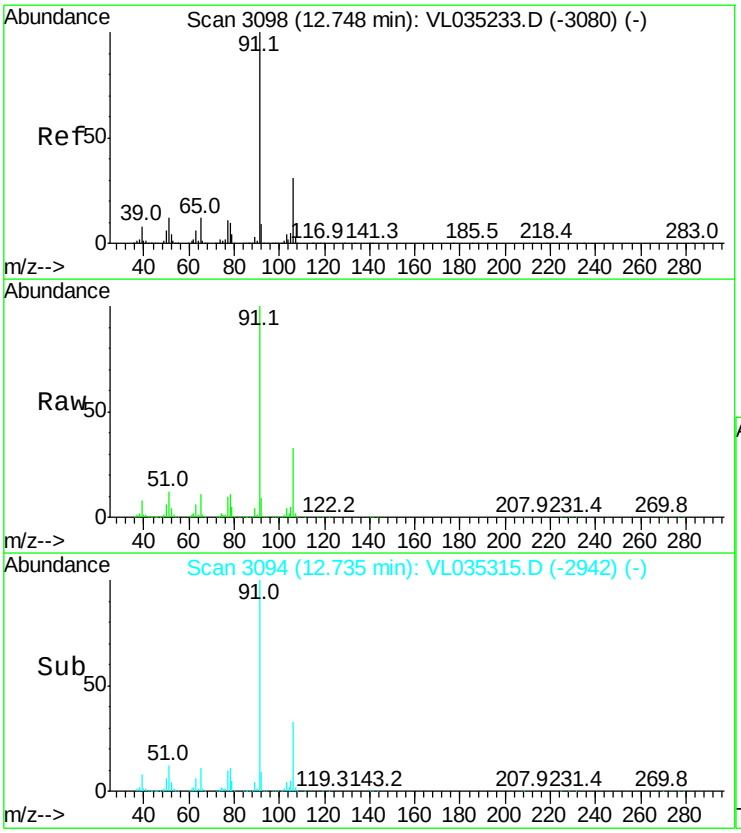
#57
Chlorobenzene
Concen: 10.122 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 2571219

Ion	Ratio	Lower	Upper
112	100		
77	66.3	57.3	85.9
114	33.3	29.3	35.8

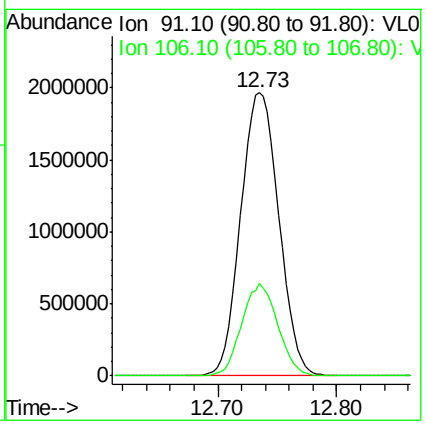


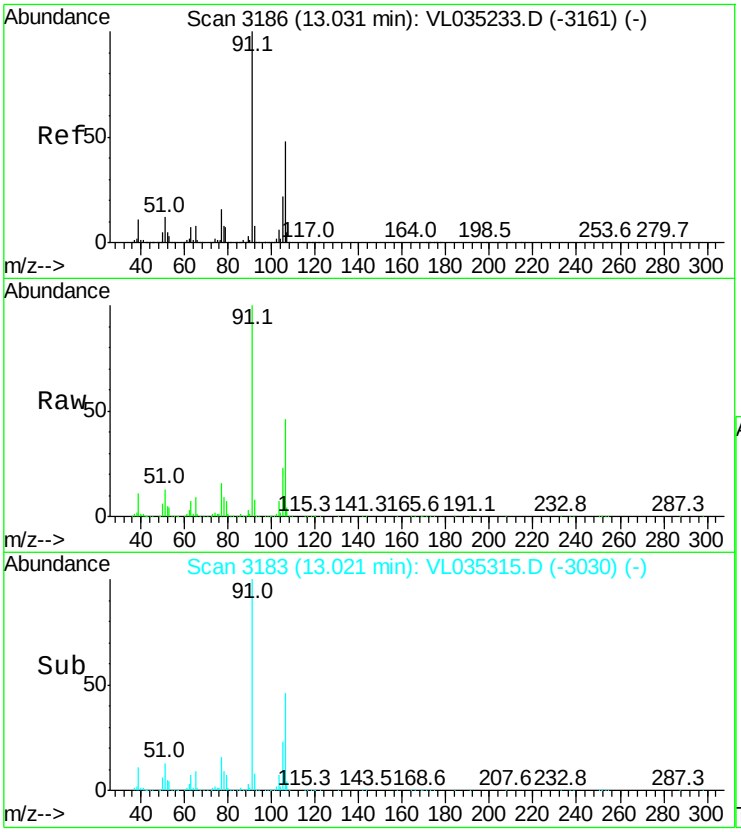


#58
Ethyl Benzene
Concen: 12.210 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 91 Resp: 4365704

Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.0	37.6



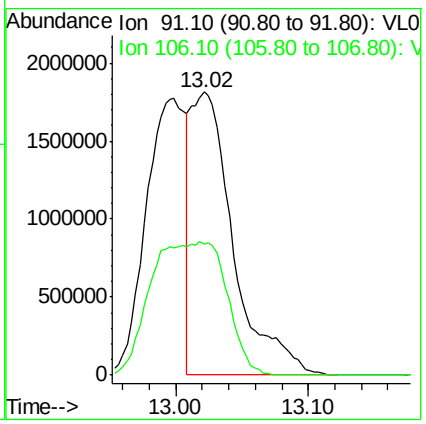


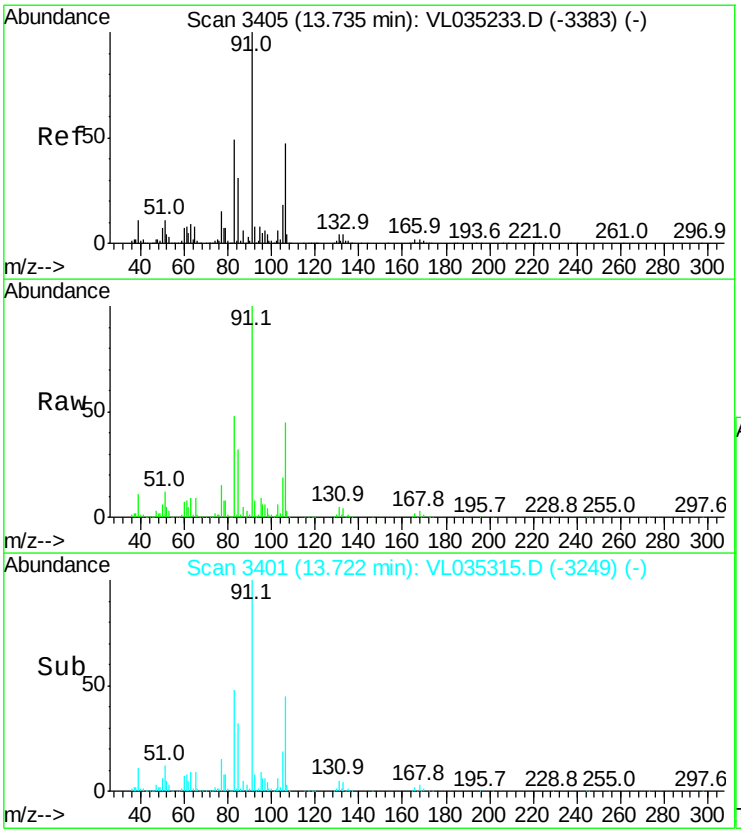
#59
m/p-Xylene
Concen: 11.965 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 3982729

Ion	Ratio	Lower	Upper
91	100		
106	85.4	37.2	55.8#

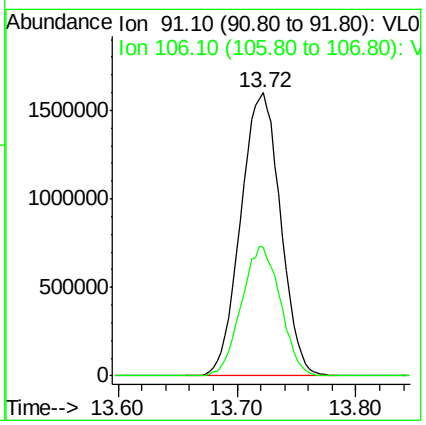


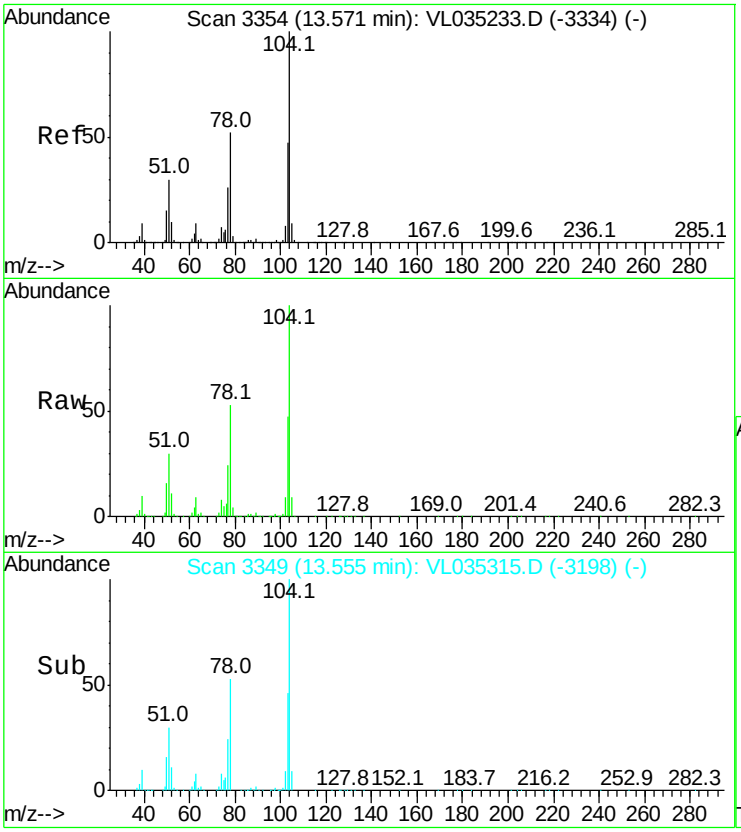


#60
o-Xylene
Concen: 11.130 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 91 Resp: 3696299

Ion	Ratio	Lower	Upper
91	100		
106	44.9	22.4	67.0



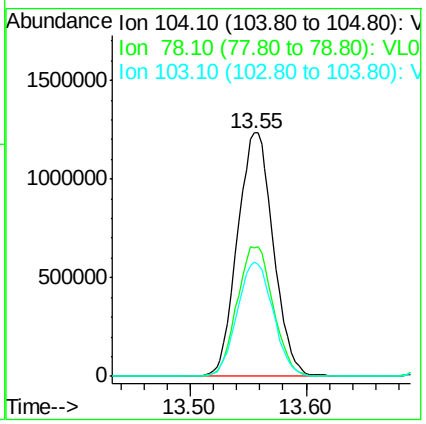


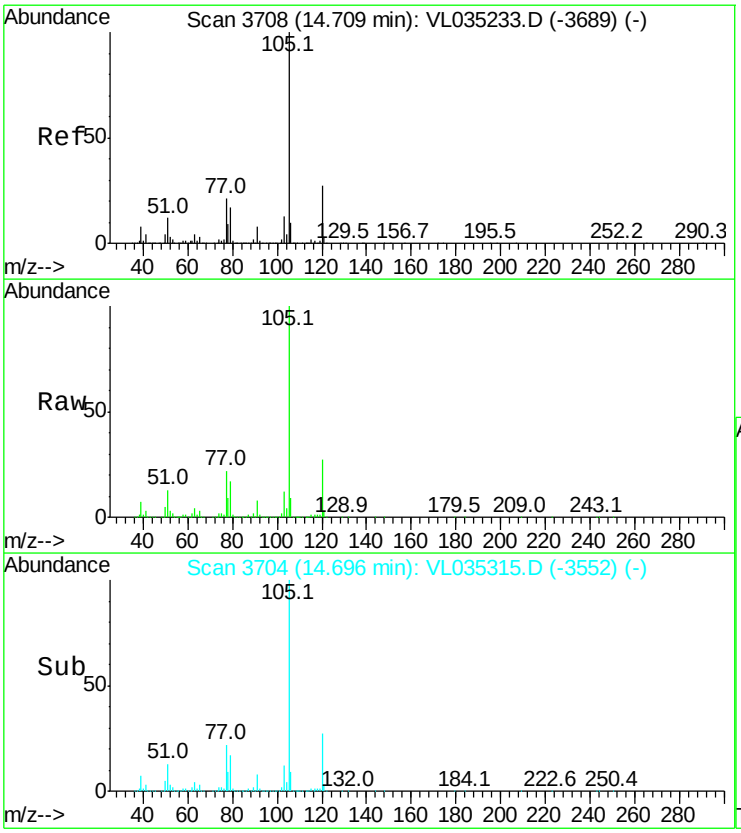
#61
Styrene
Concen: 13.145 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 2649800

Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.3	64.9
103	47.0	38.2	57.2

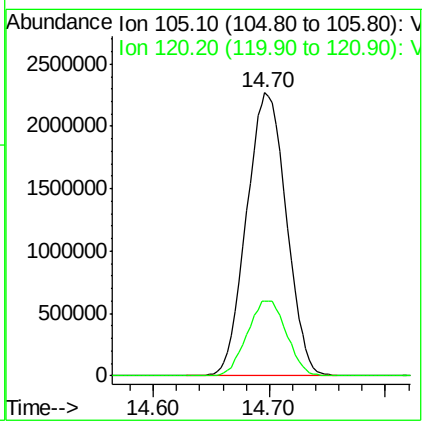


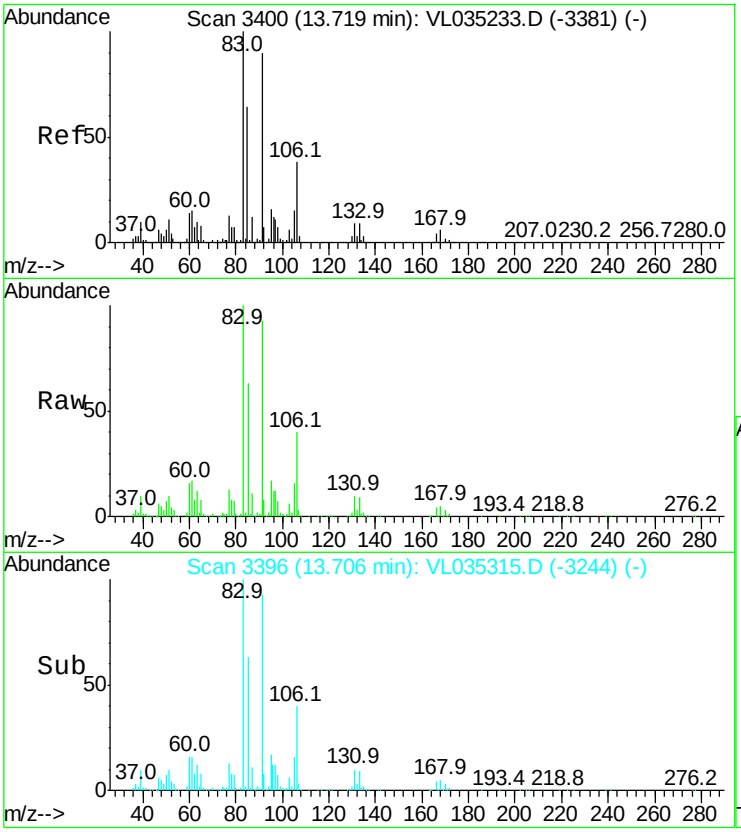


#62
Isopropylbenzene
Concen: 10.968 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:105 Resp: 5421466

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.8	31.2



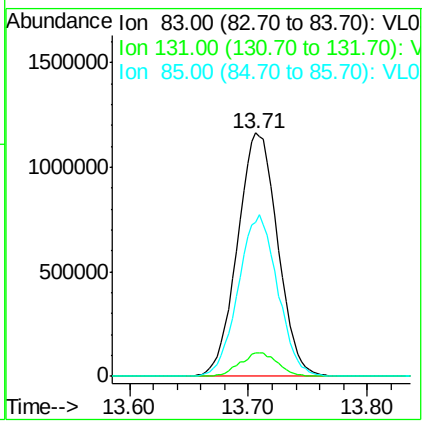


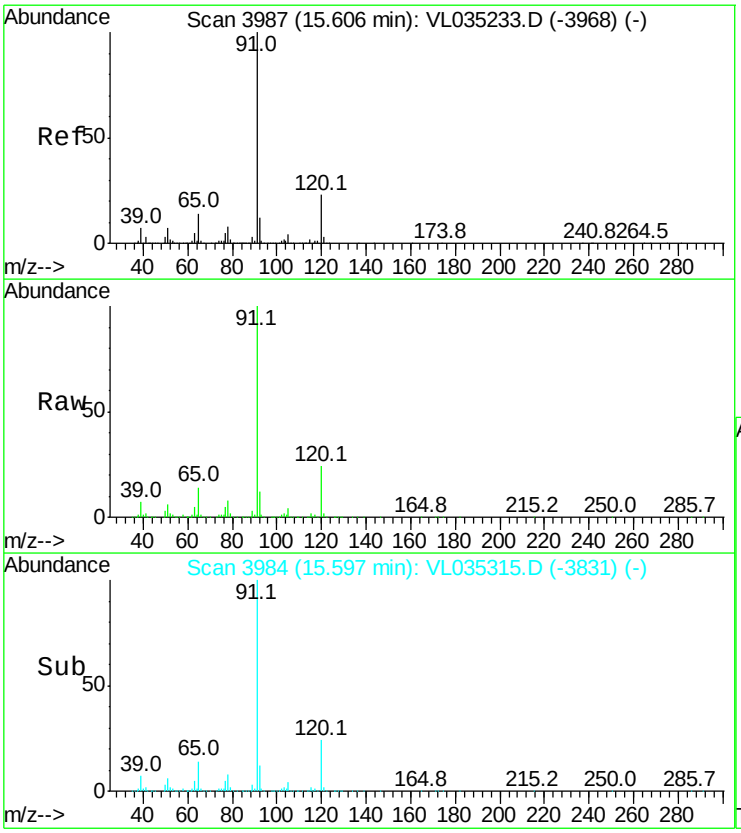
#63
1,1,2,2-Tetrachloroethane
Concen: 9.535 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 83 Resp: 2724895

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	65.1	32.7	98.1

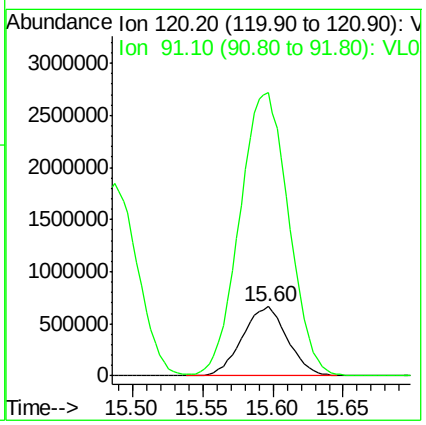


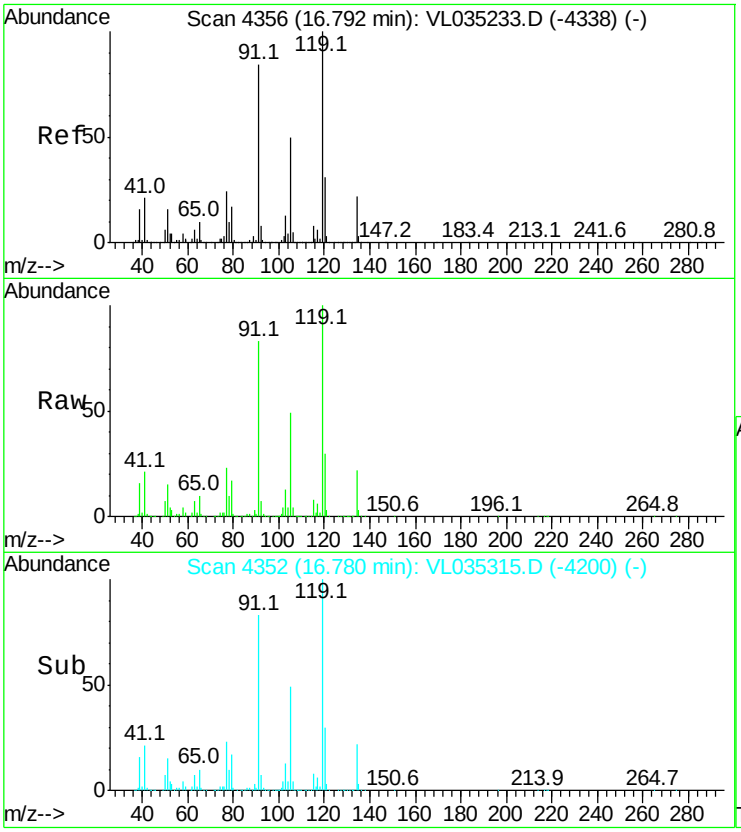


#64
n-propylbenzene
Concen: 11.230 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:120 Resp: 1475950

Ion	Ratio	Lower	Upper
120	100		
91	449.1	367.5	551.3



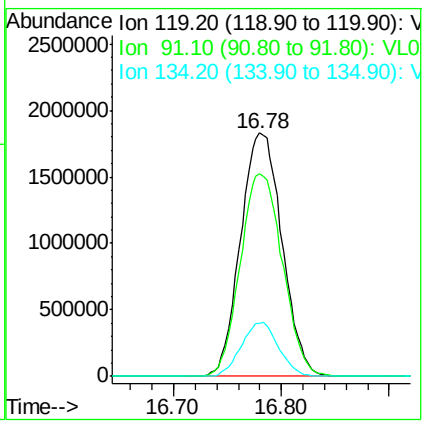


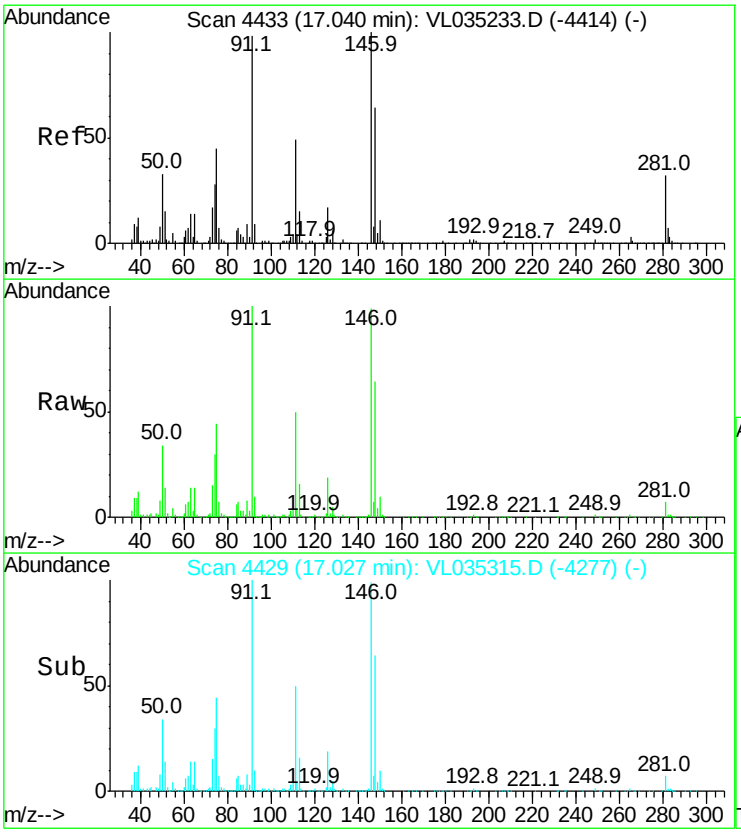
#65
tert-Butylbenzene
Concen: 10.904 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4882847

Ion	Ratio	Lower	Upper
119	100		
91	84.8	68.0	102.0
134	20.1	16.3	24.5

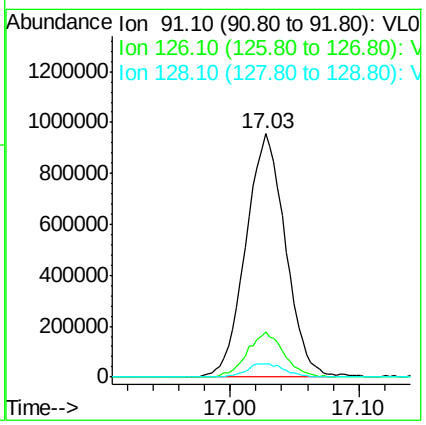


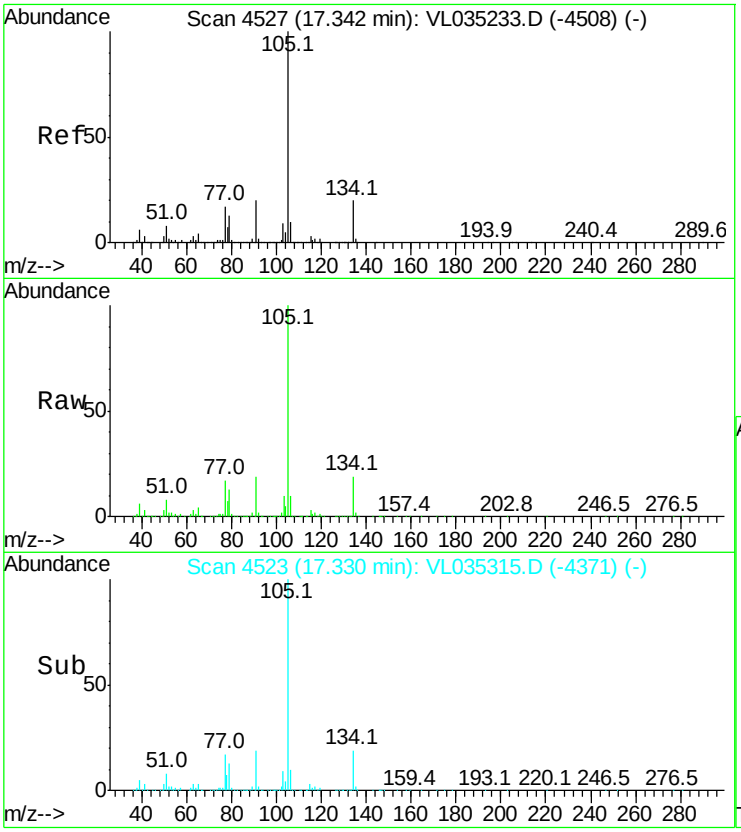


#66
Benzyl Chloride
Concen: 11.677 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 91 Resp: 2048133

Ion	Ratio	Lower	Upper
91	100		
126	17.3	14.1	21.1
128	5.3	4.4	6.6



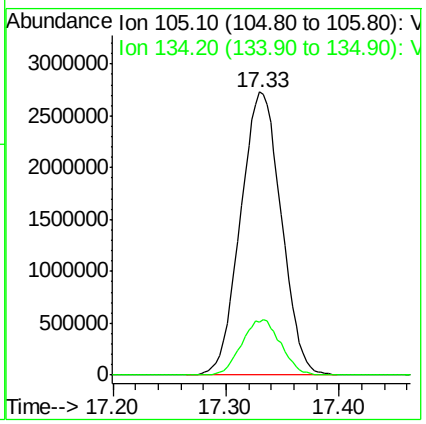


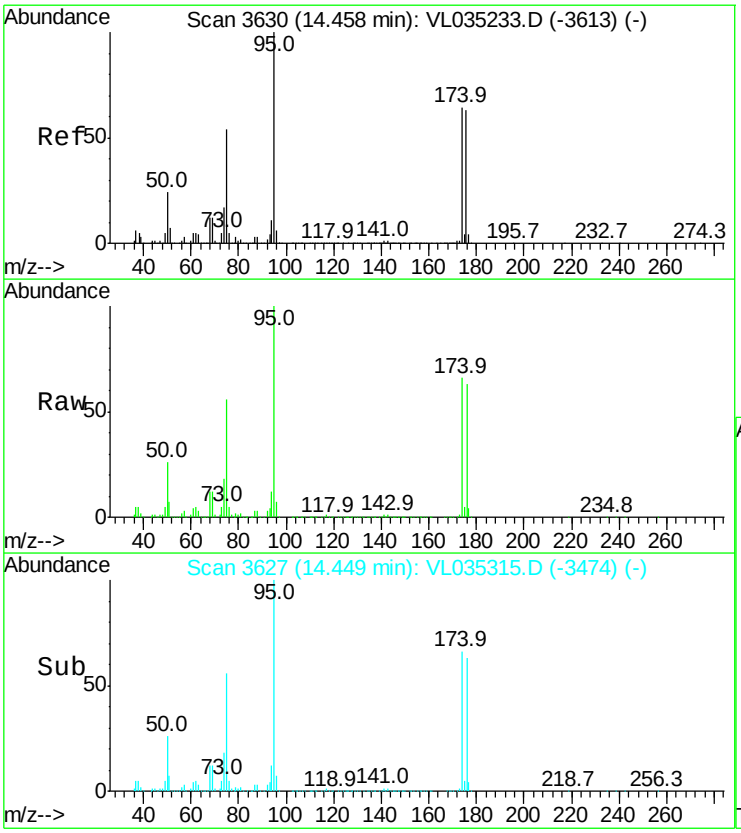
#67
sec-Butylbenzene
Concen: 10.416 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 6814888

Ion	Ratio	Lower	Upper
105	100		
134	18.9	15.0	22.4

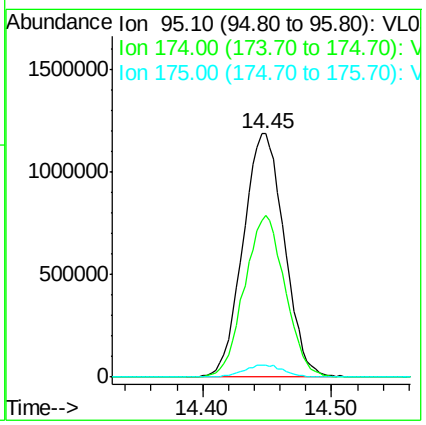


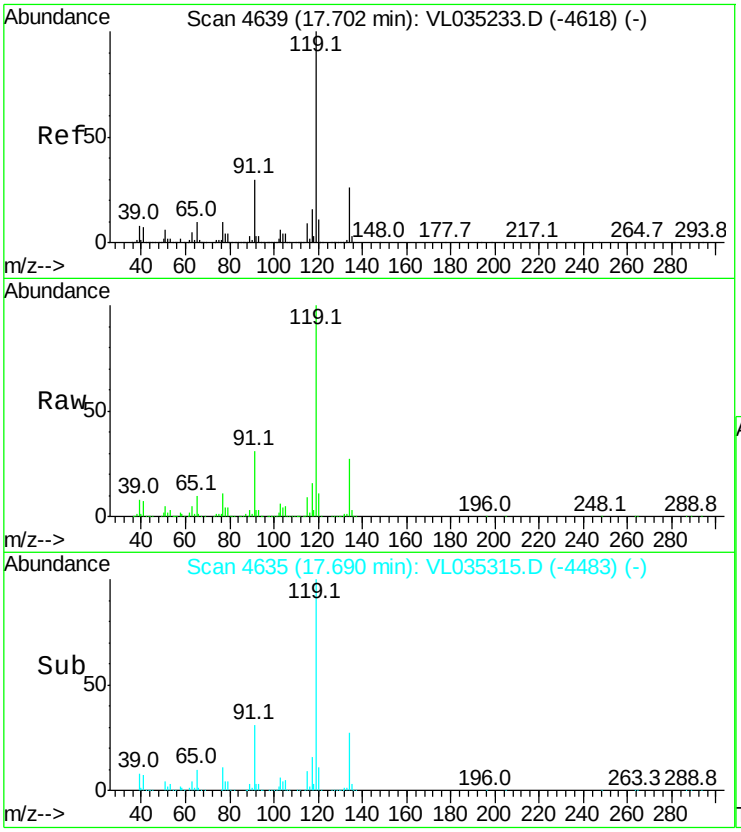


#68
1-Bromo-4-Fluorobenzene
Concen: 9.807 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 95 Resp: 2645563

Ion	Ratio	Lower	Upper
95	100		
174	65.6	52.7	79.1
175	4.9	3.9	5.9



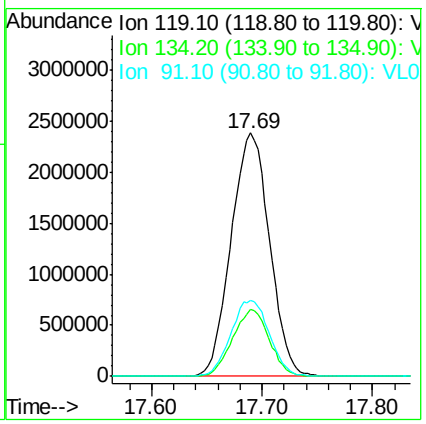


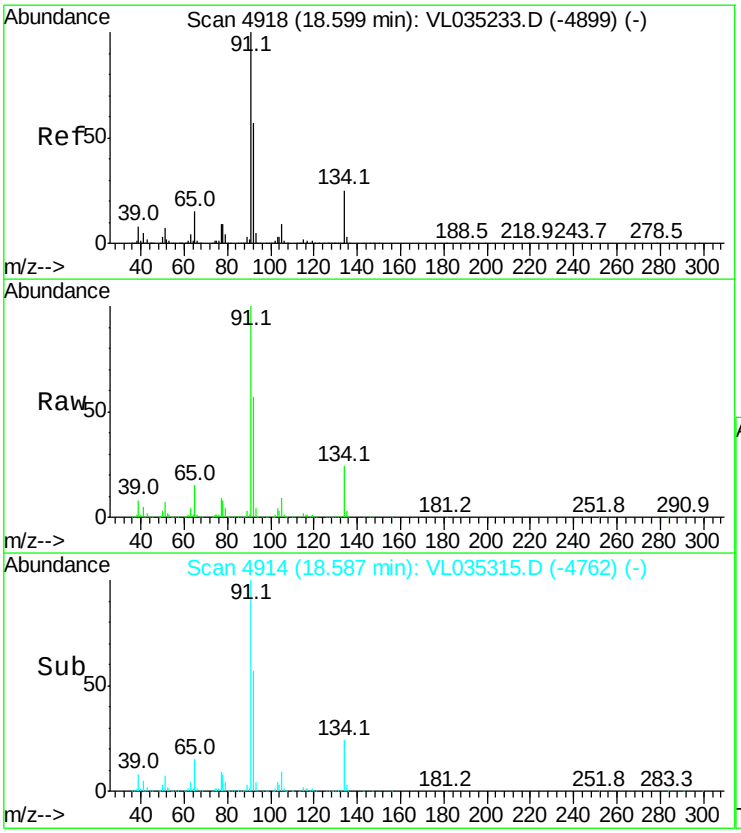
#69
p-Isopropyltoluene
Concen: 10.743 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 5734363

Ion	Ratio	Lower	Upper
119	100		
134	26.5	20.8	31.2
91	31.6	24.7	37.1

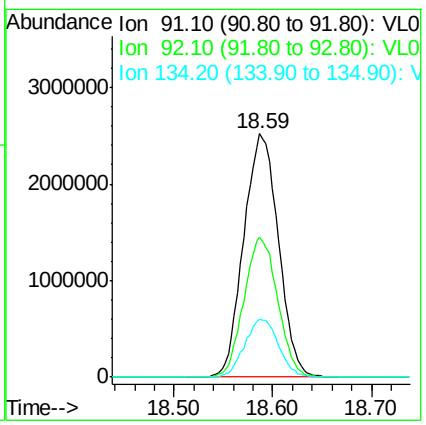


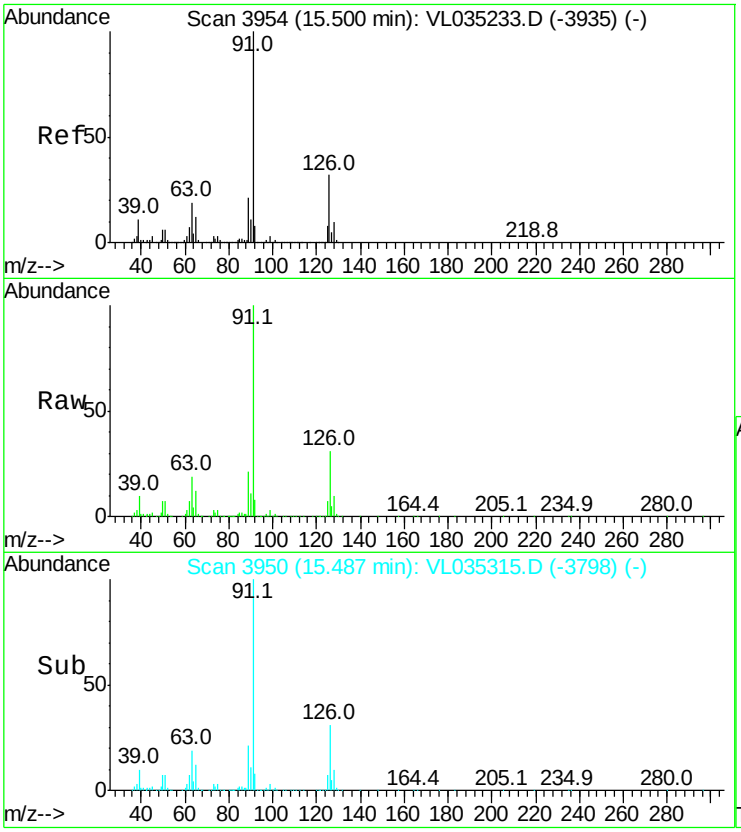


#70
n-Butylbenzene
Concen: 10.587 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion: 91 Resp: 6113412

Ion	Ratio	Lower	Upper
91	100		
92	55.7	44.9	67.3
134	23.2	18.6	28.0



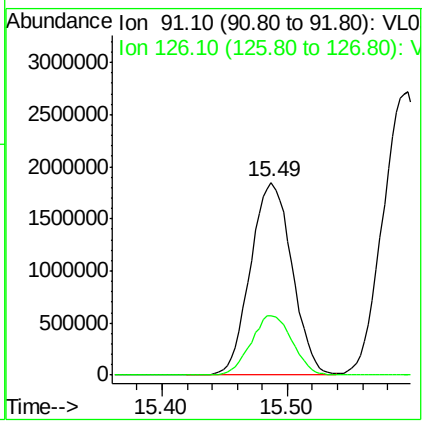


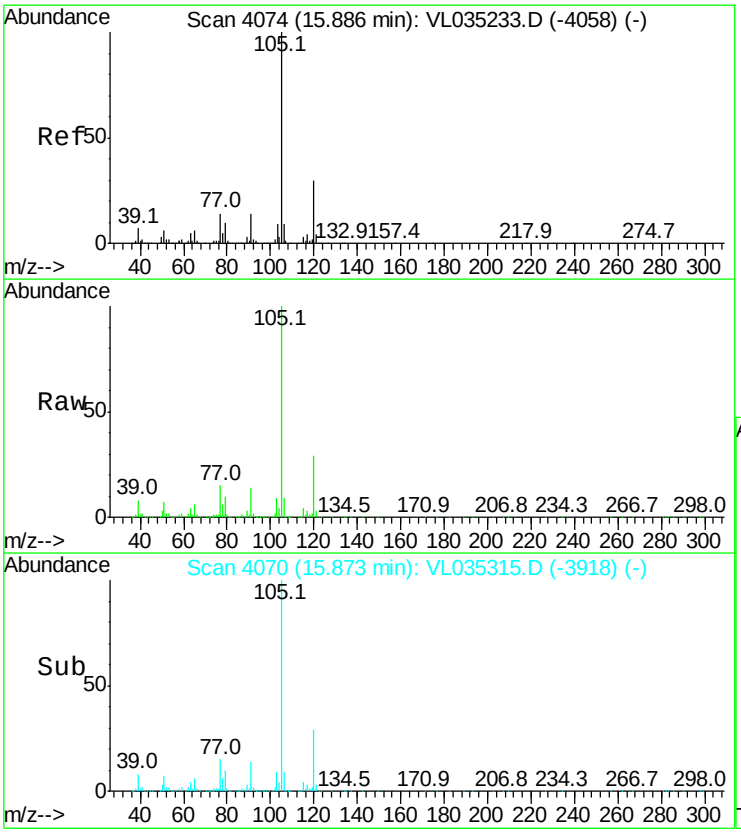
#71
2-Chlorotoluene
Concen: 11.443 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4265250

Ion	Ratio	Lower	Upper
91	100		
126	30.8	12.3	49.1

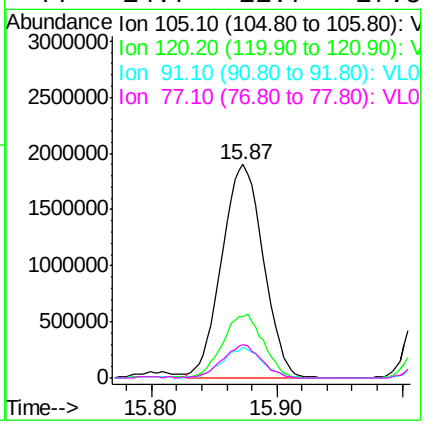


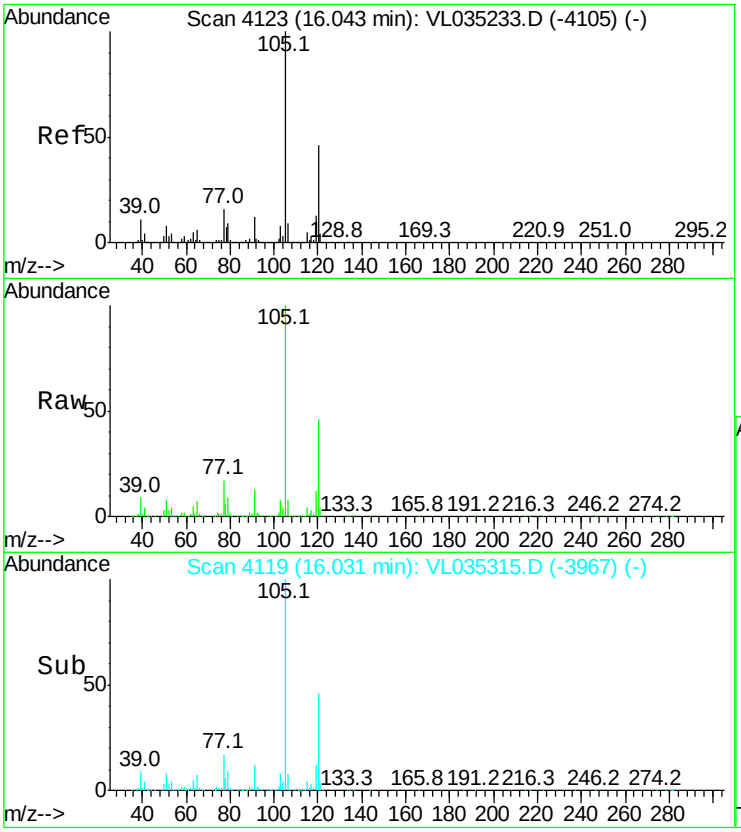


#72
4-Ethyltoluene
Concen: 11.689 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:105 Resp: 4369179

Ion	Ratio	Lower	Upper
105	100		
120	29.5	23.6	35.4
91	14.1	11.0	16.6
77	14.7	11.7	17.5



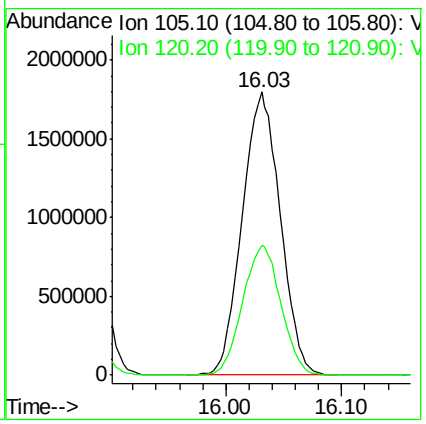


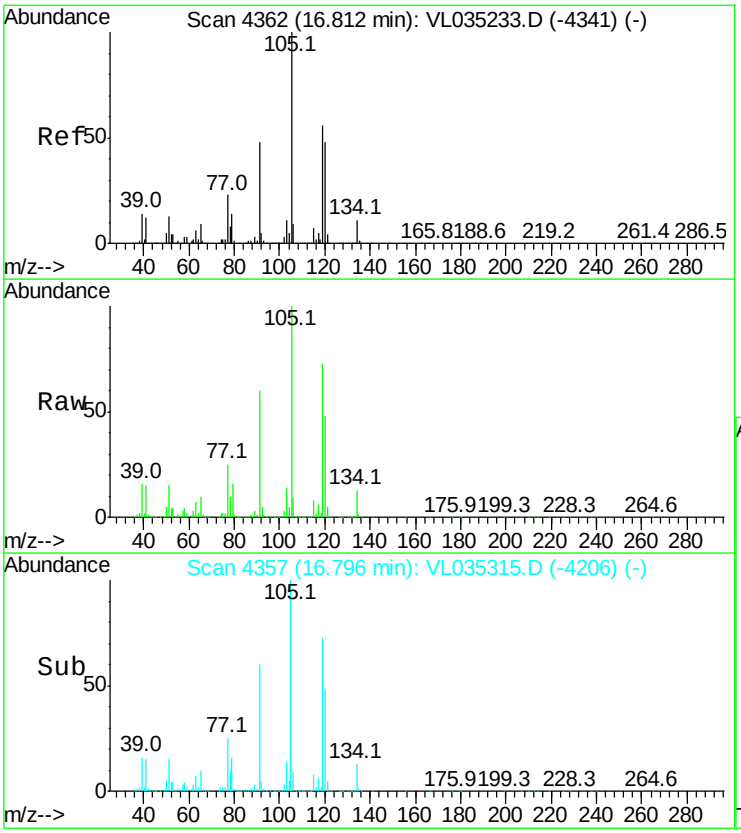
#73
1,3,5-Trimethylbenzene
Concen: 11.232 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4094554

Ion	Ratio	Lower	Upper
105	100		
120	45.7	36.8	55.2

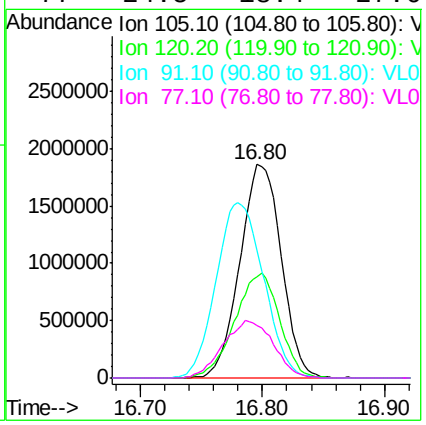


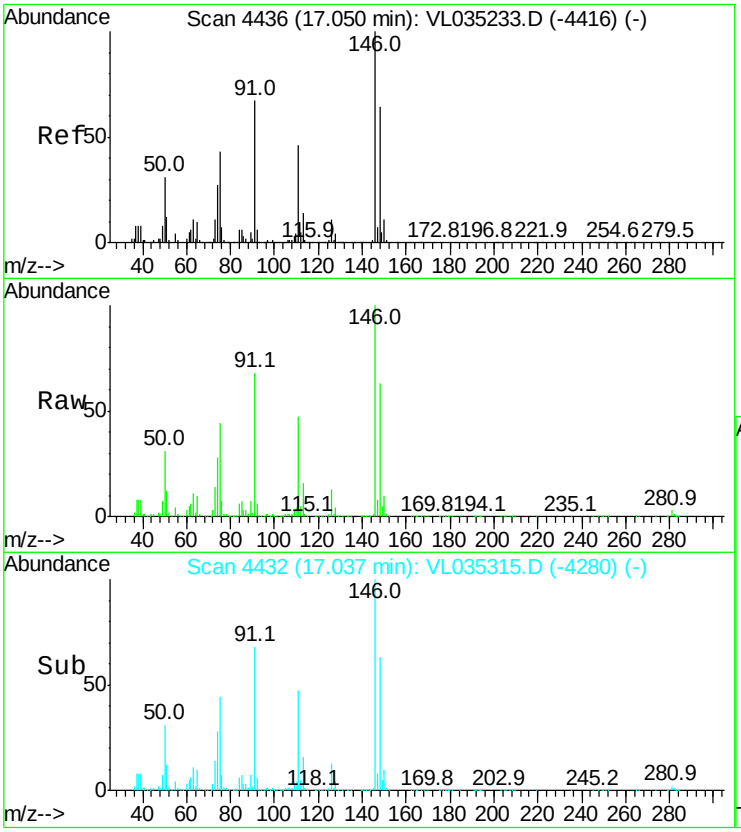


#74
1,2,4-Trimethylbenzene
Concen: 10.273 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:105 Resp: 4359494

Ion	Ratio	Lower	Upper
105	100		
120	47.5	38.8	58.2
91	59.9	38.9	58.3#
77	24.5	18.4	27.6



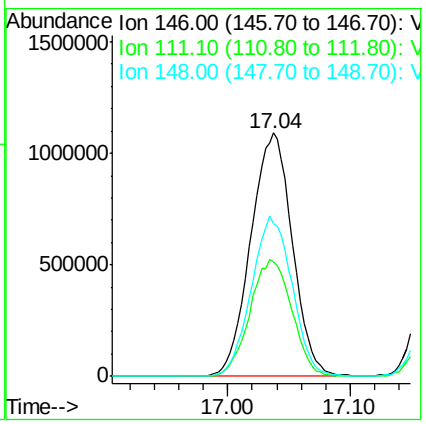


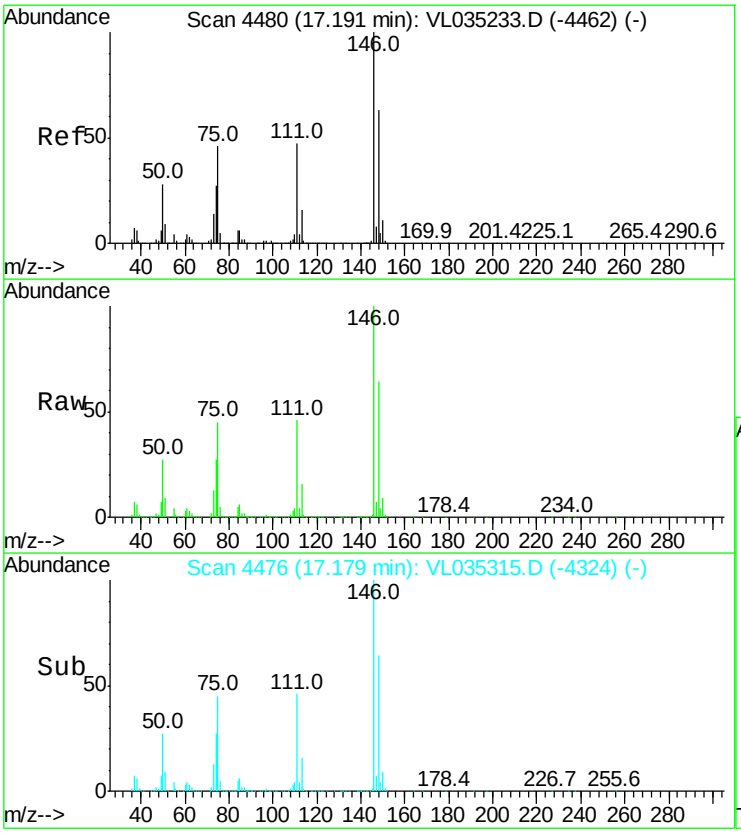
#75
1,3-Dichlorobenzene
Concen: 9.390 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2572981

Ion	Ratio	Lower	Upper
146	100		
111	48.4	24.4	73.4
148	64.7	32.1	96.5

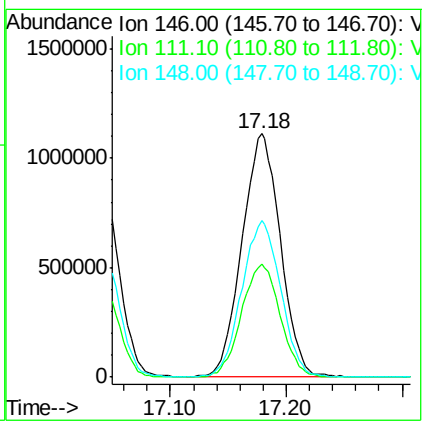


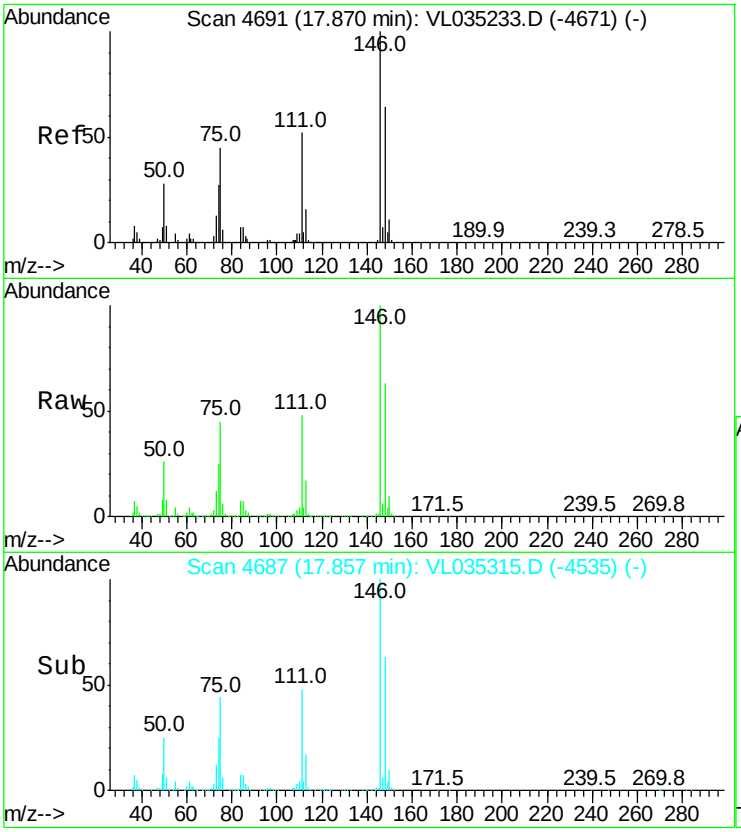


#76
1,4-Dichlorobenzene
Concen: 10.304 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:146 Resp: 2553859

Ion	Ratio	Lower	Upper
146	100		
111	47.2	23.4	70.2
148	65.6	32.2	96.6



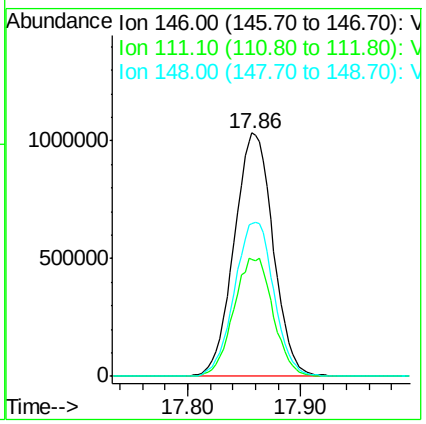


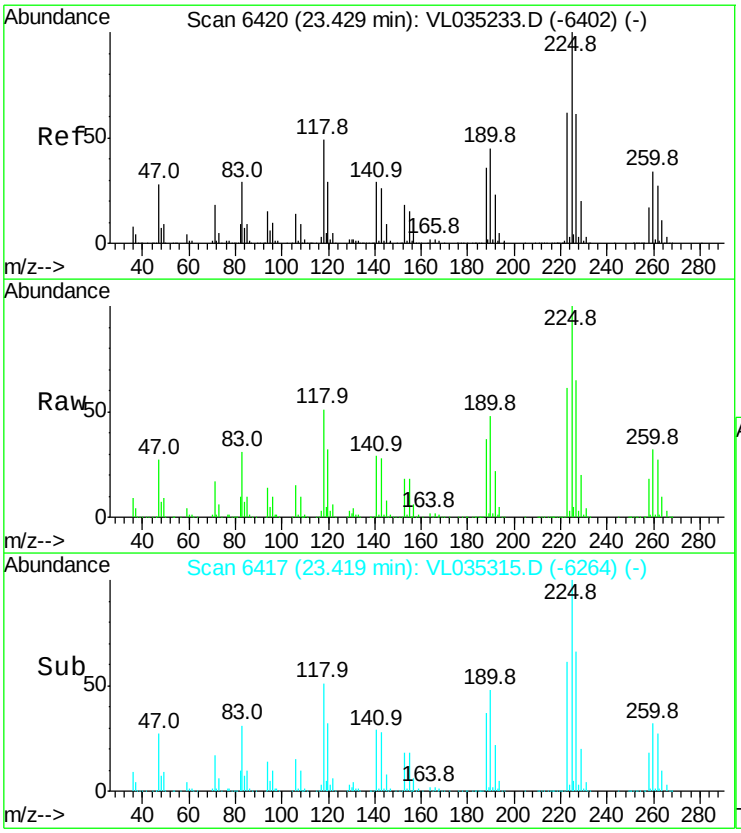
#77
1,2-Dichlorobenzene
Concen: 10.051 ppbv
RT: 17.86 min Scan# 4687
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2466851

Ion	Ratio	Lower	Upper
146	100		
111	49.1	24.6	73.8
148	64.5	32.0	96.0

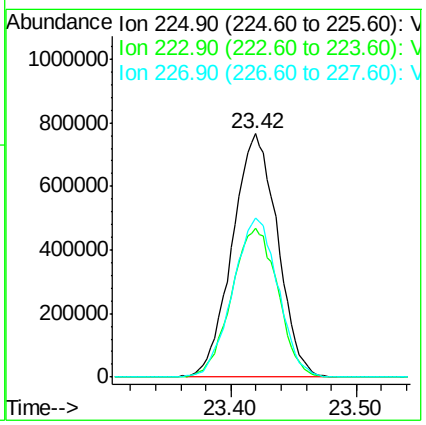


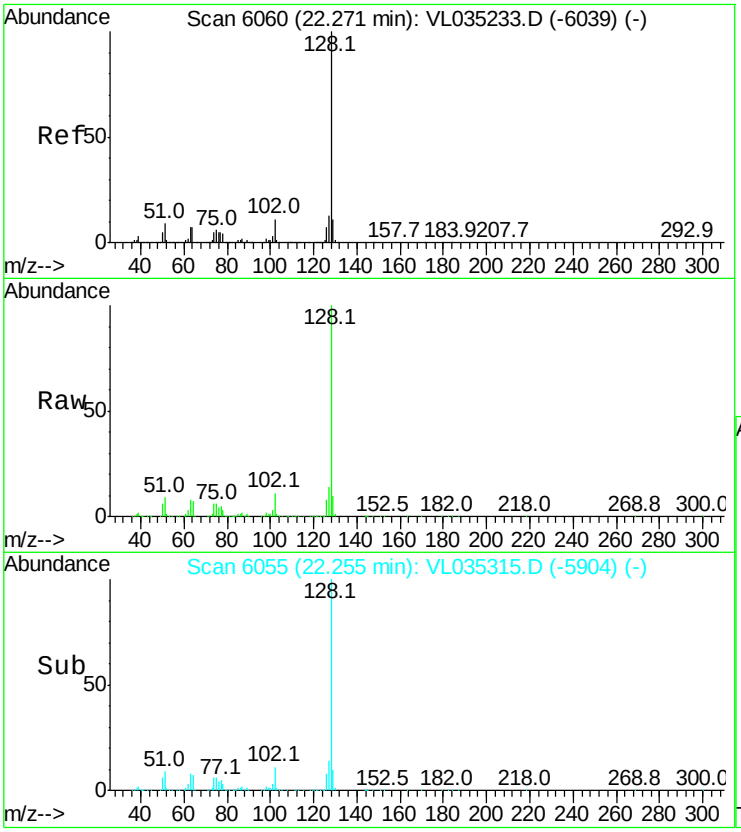


#78
Hexachloro-1,3-Butadiene
Concen: 9.497 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:225 Resp: 1907837

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.3	76.9
227	65.9	51.4	77.2



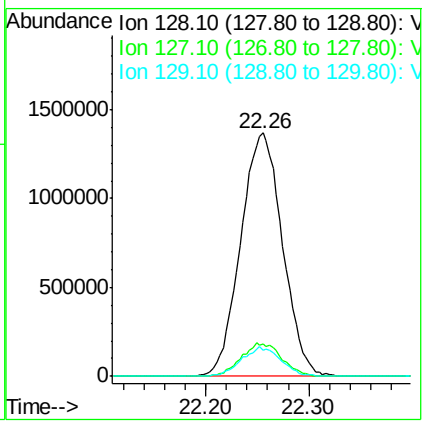


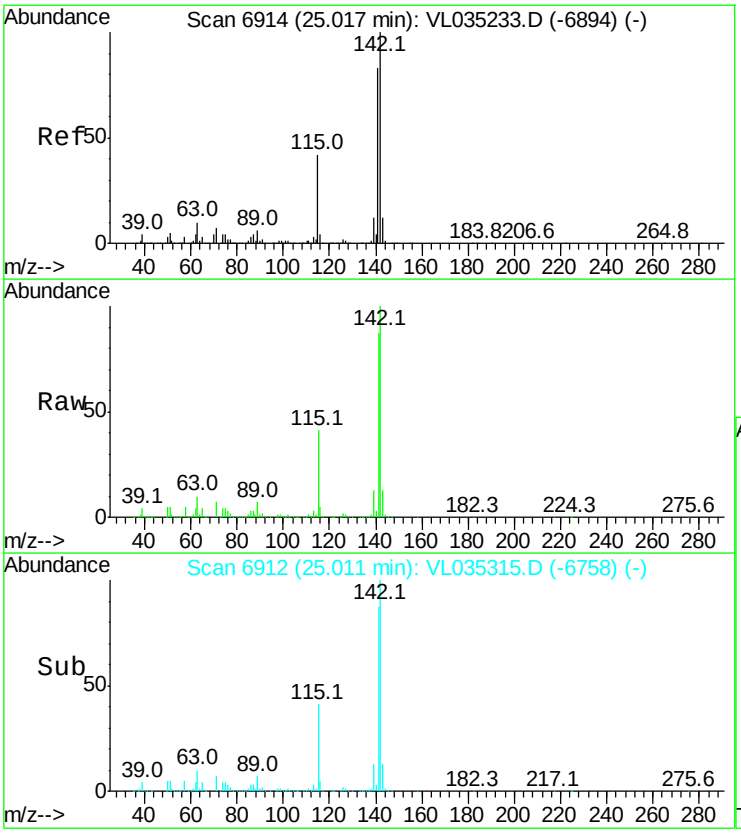
#79
Naphthalene
Concen: 11.403 ppbv
RT: 22.26 min Scan# 6055
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 3847996

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.5	8.5	12.7

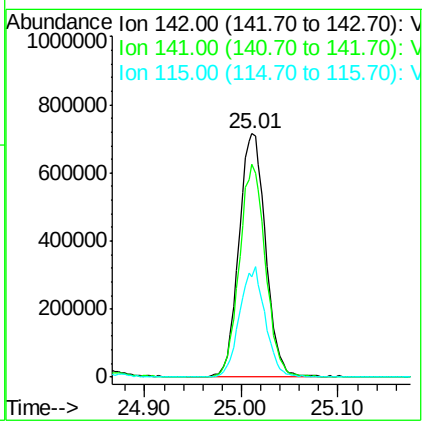


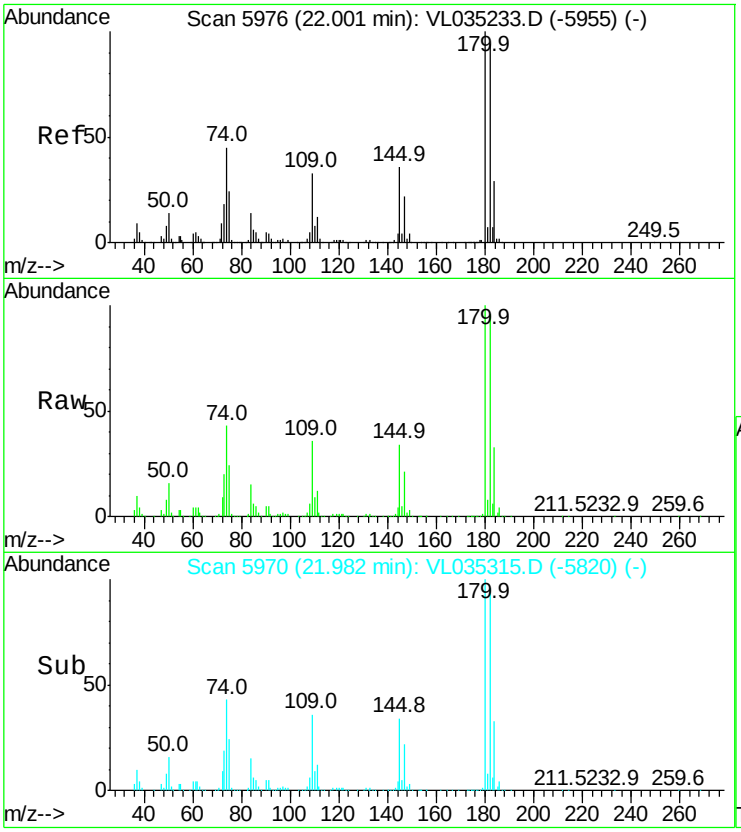


#80
Naphthalene,2-methyl-
Concen: 12.526 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. -0.01 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Tgt Ion:142 Resp: 1368029

Ion	Ratio	Lower	Upper
142	100		
141	85.4	68.6	103.0
115	43.7	34.5	51.7





#81
1,2,4-Trichlorobenzene
Concen: 10.686 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.02 min
Lab File: VL035315.D
Acq: 3 Aug 2020 12:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 2195123

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
184	31.3	24.7	37.1