Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101220\

Quantitation Report (Not Reviewed)

Data File : VL035780.D
Acq On : 13 Oct 2020 7:55
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Oct 13 12:22:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1064490	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4143253	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	5163439	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	2981876	7.71	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 77.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1465235	8.389	ppbv		99
3) Chlorodifluoromethane	2.99	51	1185991	10.356	ppbv		99
4) Chloromethane	3.14	50	643250	10.456	ppbv		99
5) Vinyl Chloride	3.26	62	750233	10.310	ppbv		98
6) Bromomethane	3.47	94	628061	10.211	ppbv		98
7) Chloroethane	3.56	64	285355	10.693	ppbv		99
8) Dichlorotetrafluoroethane	3.19	85	2042374	9.641	ppbv		97
9) Propene	3.01	41	462632	11.126	ppbv		100
10) Heptane	8.14	43	1295042	11.172	ppbv		100
11) Trichlorofluoromethane	3.95	101	2388627	9.585	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1794410	9.659	ppbv		98
13) Ethanol	3.61	45	107232	10.458	ppbv		99
14) Bromoethene	3.74	108	827682	10.577	ppbv		99
15) Acetone	3.85	43	1100226	9.605	ppbv		98
16) 1,3-Butadiene	3.33	39	469296	11.199	ppbv		99
17) tert-Butyl alcohol	4.30	59	1485386	11.905	ppbv		99
18) 1,1-Dichloroethene	4.29	96	844818	10.386	ppbv		96
19) Isopropyl Alcohol	3.97	45	717791	11.520	ppbv	#	97
20) Methylene Chloride	4.35	84	720145	8.559	ppbv		98
21) Allyl Chloride	4.42	41	633510	11.410	ppbv		98
22) trans-1,2-Dichloroethene	4.89	96	871145	10.137	ppbv		98
23) Vinyl Acetate	5.08	43	1705092	12.154	ppbv		100
24) 1,1-Dichloroethane	5.02	63	1579856	10.339	ppbv		100
25) Ethyl Acetate	5.69	43	2163789	10.498	ppbv		100
26) Hexane	5.70	57	1190458	10.540	ppbv		98
27) Carbon Disulfide	4.56	76	1899339	11.283	ppbv		100
28) Methyl tert-Butyl Ether	5.04	73	2140211	11.954	ppbv		99
29) Chloroform	5.76	83	2319038	10.111	ppbv		98
30) Cyclohexane	7.14	84	1290014	11.577	ppbv		100
31) cis-1,2-Dichloroethene	5.56	61	1270886	11.657	ppbv		98
32) 1,1,1-Trichloroethane	6.53	97	2267888	11.217	ppbv		100
34) 2-Butanone	5.25	43	1497725	10.929	ppbv		99
35) Carbon Tetrachloride	7.03	117	2292340	10.612	ppbv		100
36) Benzene	6.91	78	3004326	11.128	ppbv		100
37) 1,2-Dichloroethane	6.32	62	1451337	10.314	ppbv		100
38) Trichloroethene	7.85	130	1438270	10.679	ppbv		99
39) 1,2-Dichloropropane	7.63	63	1035981	10.587	ppbv		99
40) 1,4-Dioxane	7.84	88	500368	11.181	ppbv		97
41) Tetrahydrofuran	6.06	42	841380	12.187	ppbv		100
42) Bromodichloromethane	7.81	83	2440314	10.766	ppbv		99
43) Methyl Methacrylate	8.03	69	1267153	11.801	ppbv		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101220\

Quantitation Report (Not Reviewed)

Data File : VL035780.D
Acq On : 13 Oct 2020 7:55
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Oct 13 12:22:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	4013480	10.360	ppbv		99
45) t-1,3-Dichloropropene	9.30	75	1438287	13.268	ppbv		99
46) cis-1,3-Dichloropropene	8.72	75	1708853	12.788	ppbv		98
47) 1,1,2-Trichloroethane	9.50	97	1430196	10.204	ppbv		99
48) Dibromochloromethane	10.33	129	2363142	11.078	ppbv		100
49) Bromoform	13.07	173	2107161	11.642	ppbv		99
50) 4-Methyl-2-Pentanone	8.76	43	2176429	10.873	ppbv		100
51) 2-Hexanone	10.16	43	1855590	11.506	ppbv	#	99
52) Tetrachloroethene	11.25	164	1365186	10.515	ppbv		96
53) Toluene	9.83	91	3695462	11.608	ppbv		100
54) 1,2-Dibromoethane	10.64	107	2246936	10.706	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.15	131	1822582	8.418	ppbv		98
57) Chlorobenzene	12.17	112	3067091	7.864	ppbv		99
58) Ethyl Benzene	12.74	91	4819204	9.299	ppbv		99
59) m/p-Xylene	13.02	91	4260329	9.413	ppbv	#	38
60) o-Xylene	13.73	91	3952376	8.633	ppbv		100
61) Styrene	13.56	104	3175060	10.030	ppbv		99
62) Isopropylbenzene	14.70	105	5991213	8.437	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.71	83	2870762	7.647	ppbv		100
64) n-propylbenzene	15.60	120	1832329	8.816	ppbv		98
65) tert-Butylbenzene	16.78	119	5500295	8.519	ppbv		99
66) Benzyl Chloride	17.02	91	2245666	11.480	ppbv		99
67) sec-Butylbenzene	17.33	105	7453567	8.360	ppbv		99
69) p-Isopropyltoluene	17.69	119	6326222	8.722	ppbv		99
70) n-Butylbenzene	18.59	91	6367076	8.524	ppbv		99
71) 2-Chlorotoluene	15.48	91	4633742	8.946	ppbv		100
72) 4-Ethyltoluene	15.87	105	4935479	9.100	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	4551083	8.880	ppbv		97
74) 1,2,4-Trimethylbenzene	16.80	105	4750044	8.222	ppbv		96
75) 1,3-Dichlorobenzene	17.03	146	3159668	8.010	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	3205971	8.503	ppbv		100
77) 1,2-Dichlorobenzene	17.85	146	3098688	8.317	ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	1716573	8.351	ppbv		100
79) Naphthalene	22.25	128	5095675	9.247	ppbv		99
80) Naphthalene,2-methyl-	25.00	142	1676509	12.899	ppbv		99
81) 1,2,4-Trichlorobenzene	21.98	180	2561852	8.971	ppbv		100

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

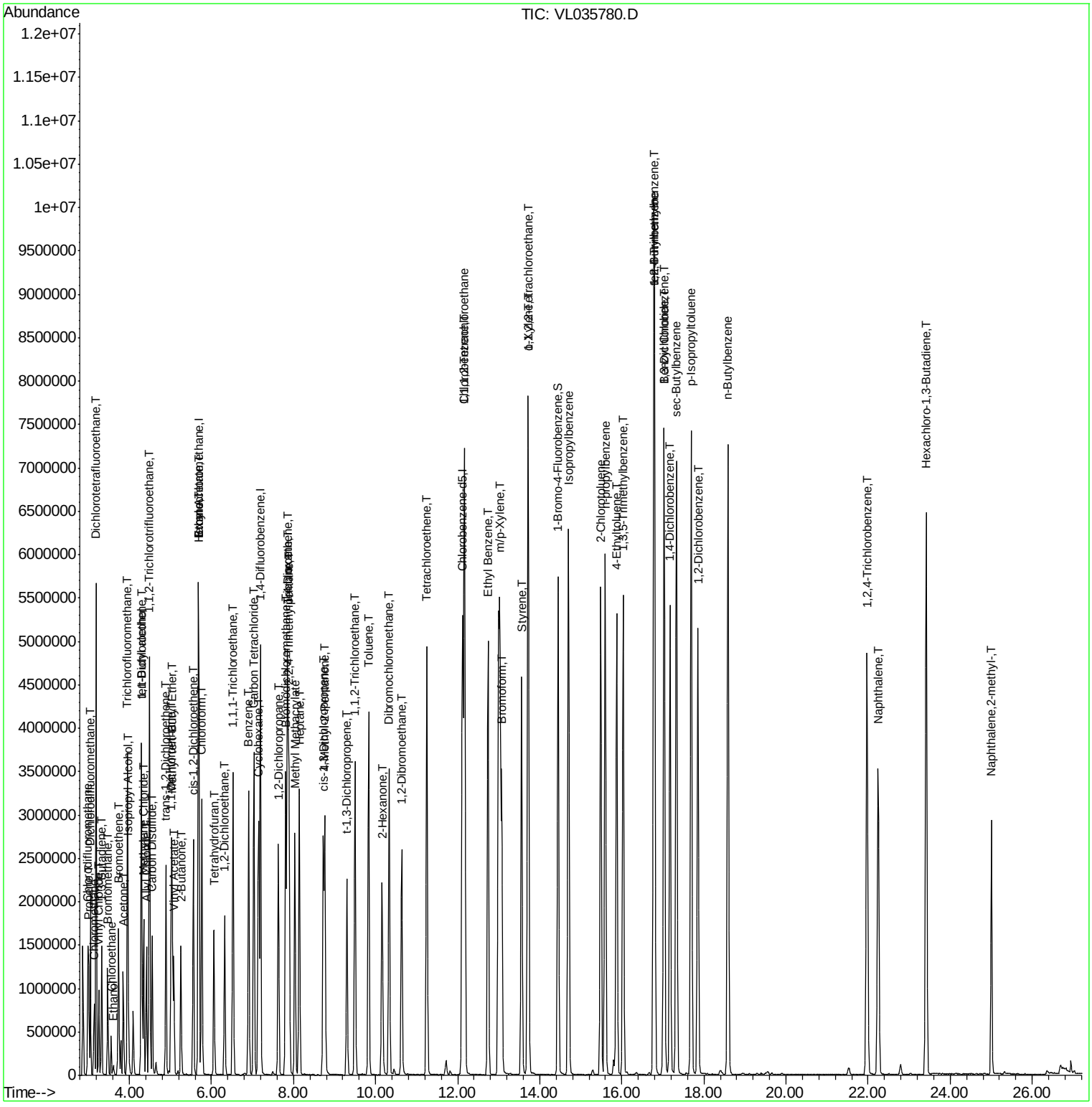
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101220\

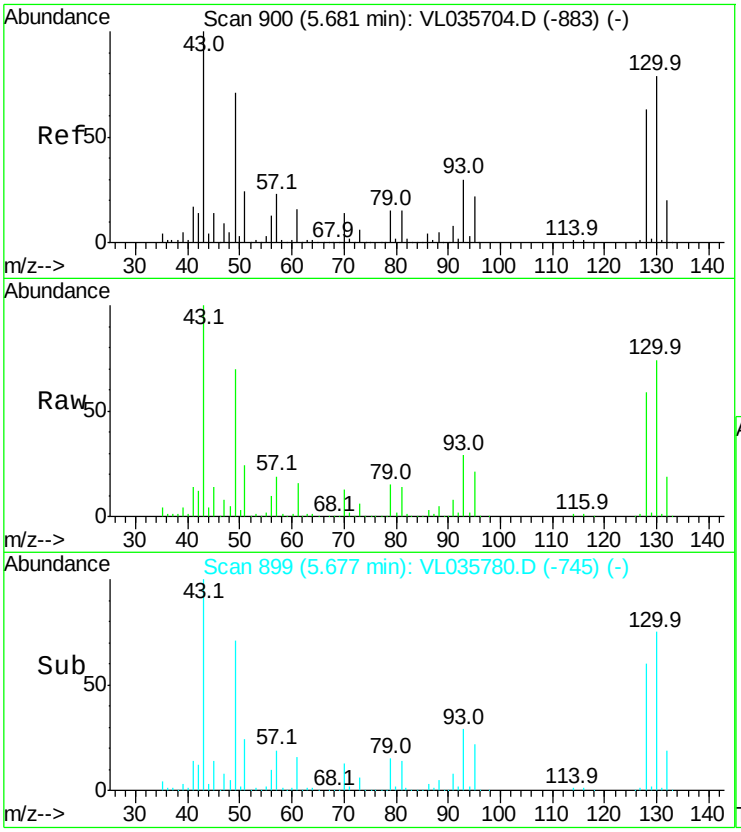
Quantitation Report (Not Reviewed)

Data File : VL035780.D
Acq On : 13 Oct 2020 7:55
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Oct 13 12:22:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration



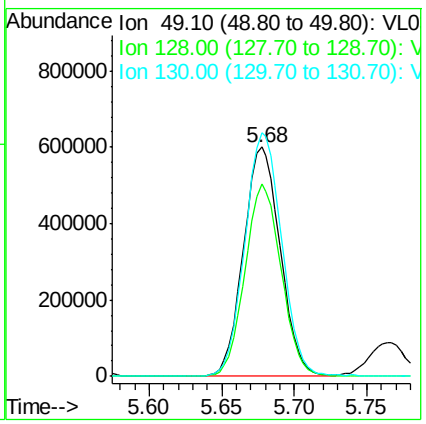


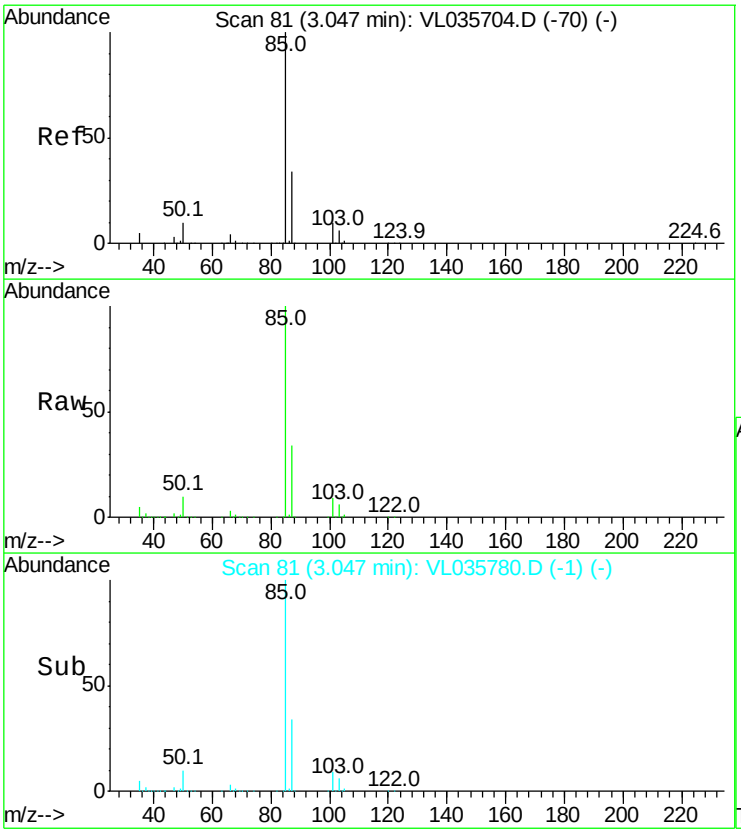
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1064490

Ion	Ratio	Lower	Upper
49	100		
128	82.8	43.1	129.4
130	106.7	54.9	164.7

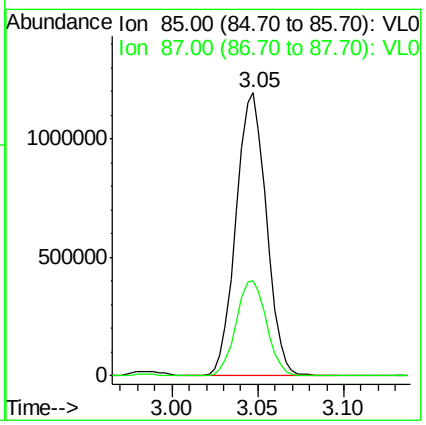


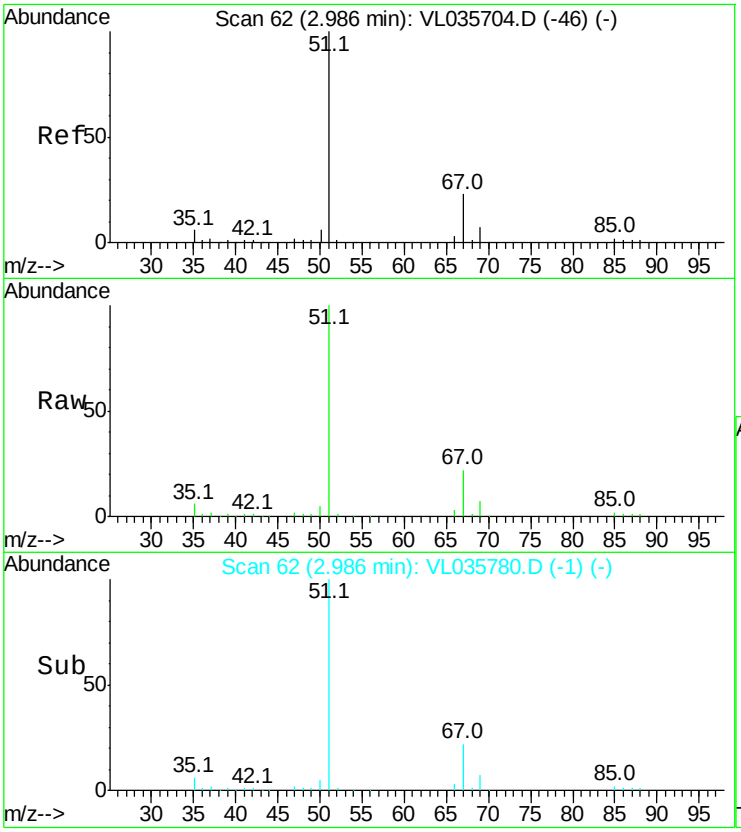


#2
Dichlorodifluoromethane
Concen: 8.389 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 85 Resp: 1465235

Ion	Ratio	Lower	Upper
85	100		
87	33.8	27.3	40.9



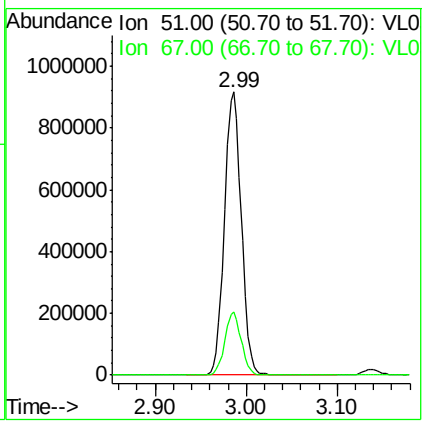


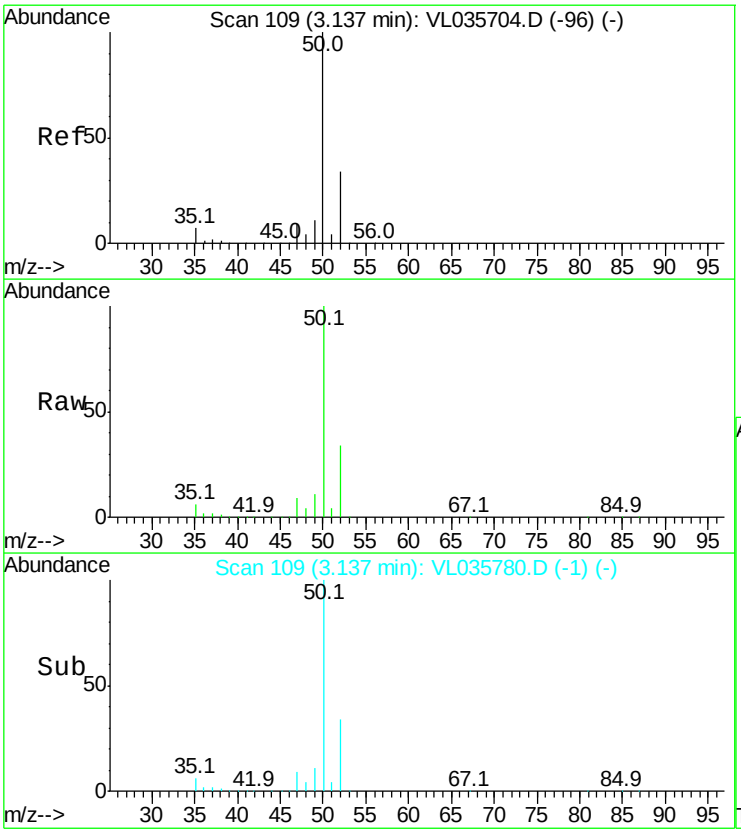
#3
Chlorodifluoromethane
Concen: 10.356 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1185991

Ion	Ratio	Lower	Upper
51	100		
67	21.8	17.8	26.8

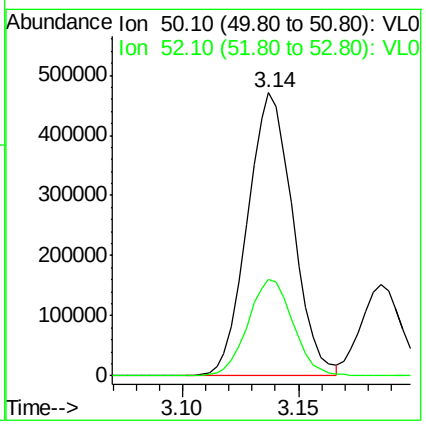


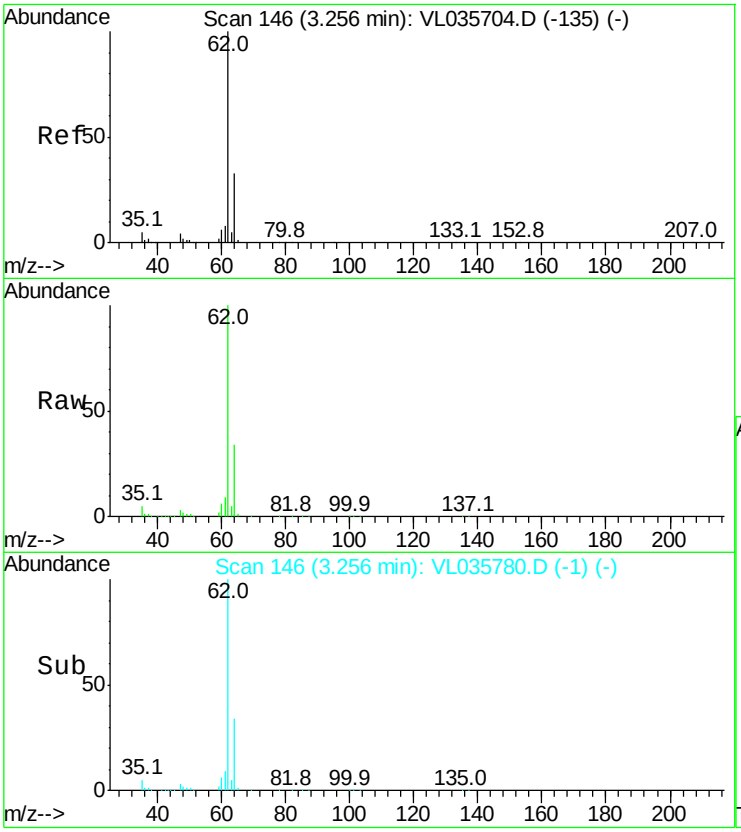


#4
Chloromethane
Concen: 10.456 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 50 Resp: 643250

Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.8	40.2



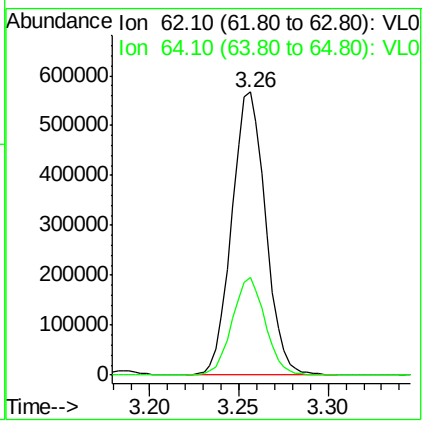


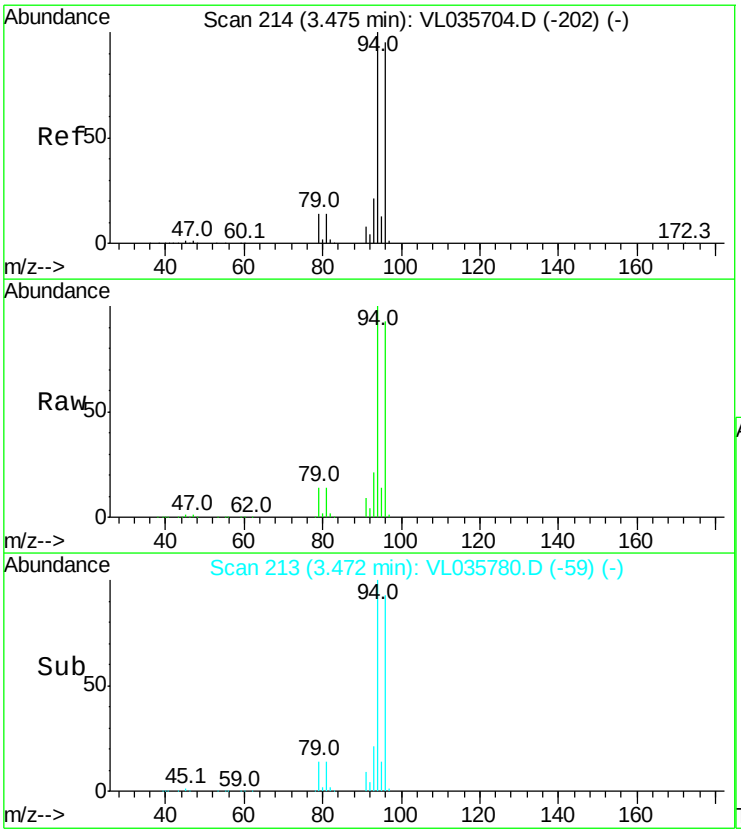
#5
Vinyl Chloride
Concen: 10.310 ppbv
RT: 3.26 min Scan# 146
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 750233

Ion	Ratio	Lower	Upper
62	100		
64	34.4	26.8	40.2

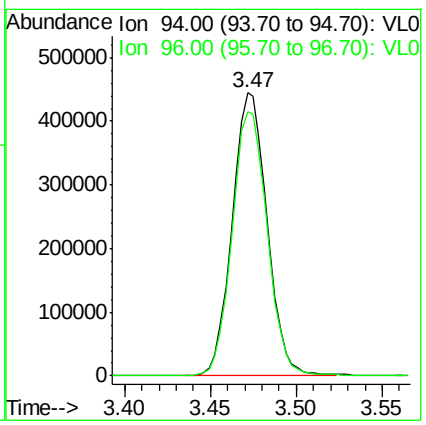


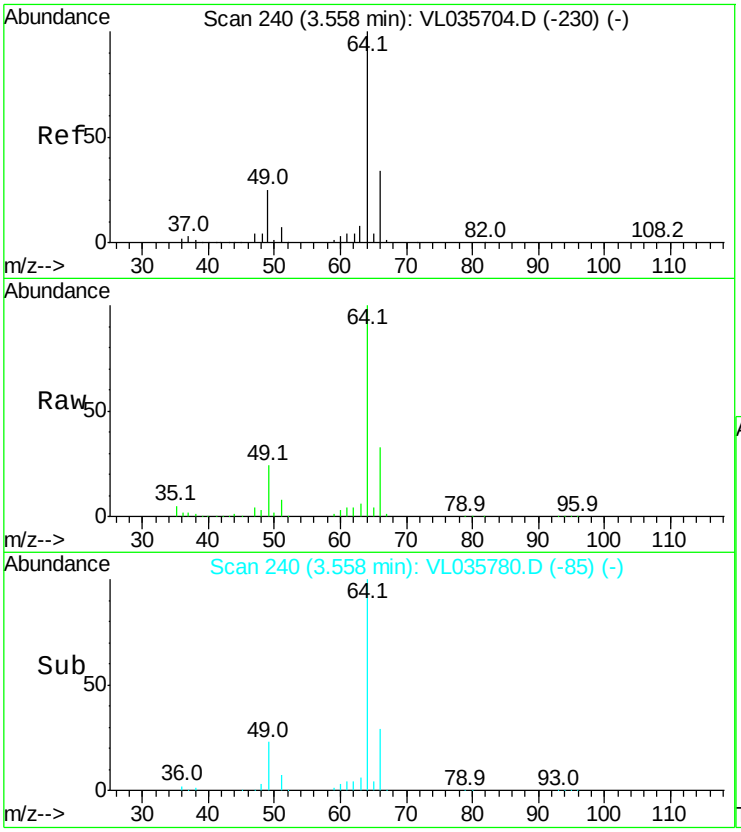


#6
Bromomethane
Concen: 10.211 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 94 Resp: 628061

Ion	Ratio	Lower	Upper
94	100		
96	93.3	76.3	114.5



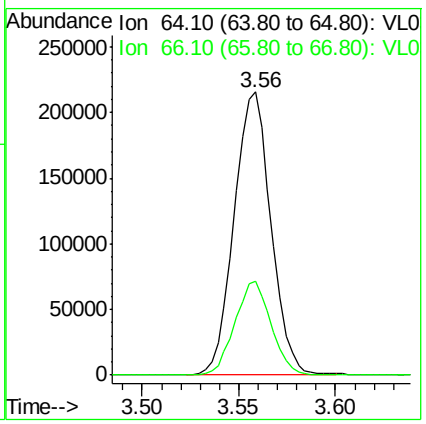


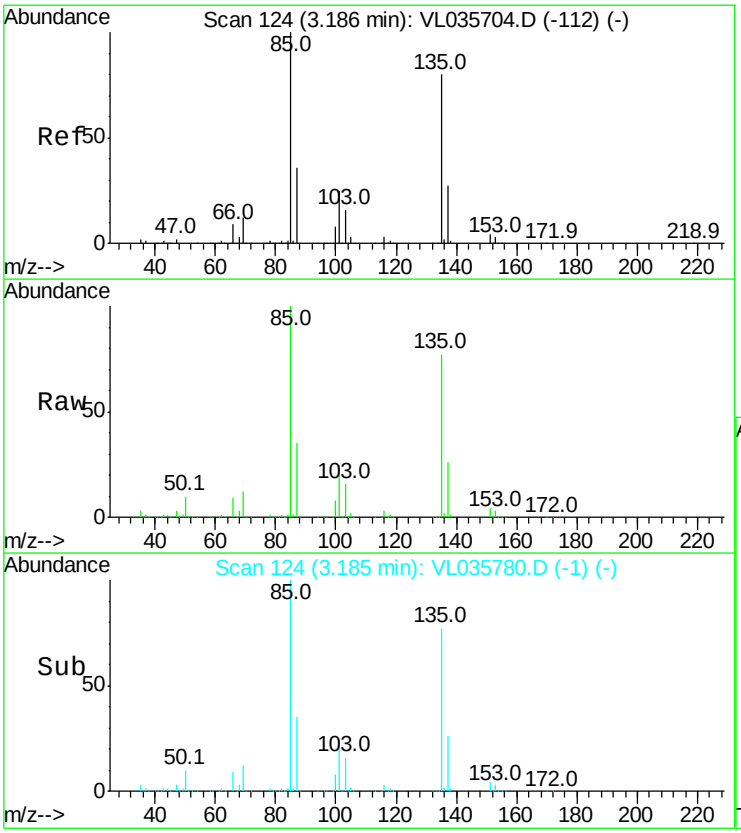
#7
Chloroethane
Concen: 10.693 ppbv
RT: 3.56 min Scan# 240
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 64 Resp: 285355

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.9	40.3

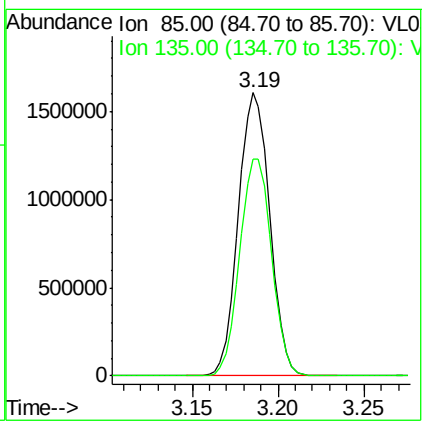


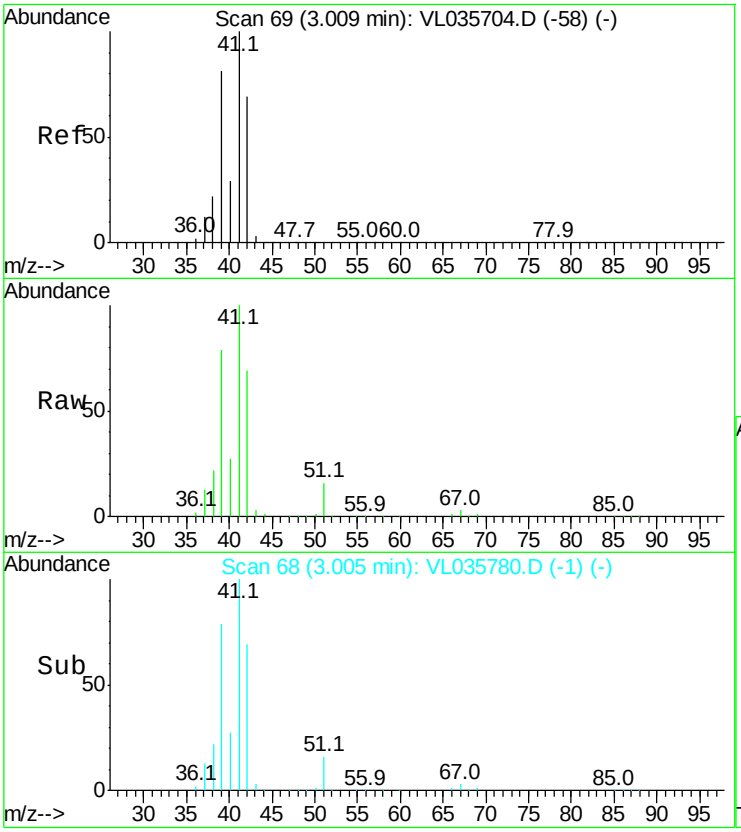


#8
Dichlorotetrafluoroethane
Concen: 9.641 ppbv
RT: 3.19 min Scan# 124
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 85 Resp: 2042374

Ion	Ratio	Lower	Upper
85	100		
135	78.1	64.3	96.5



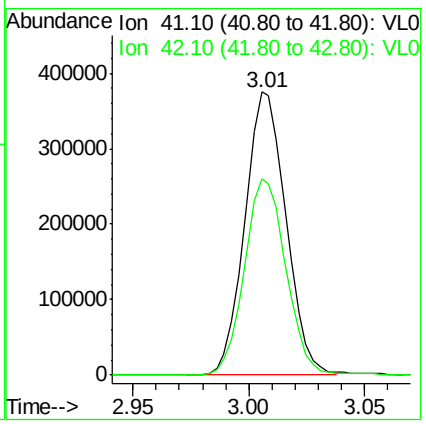


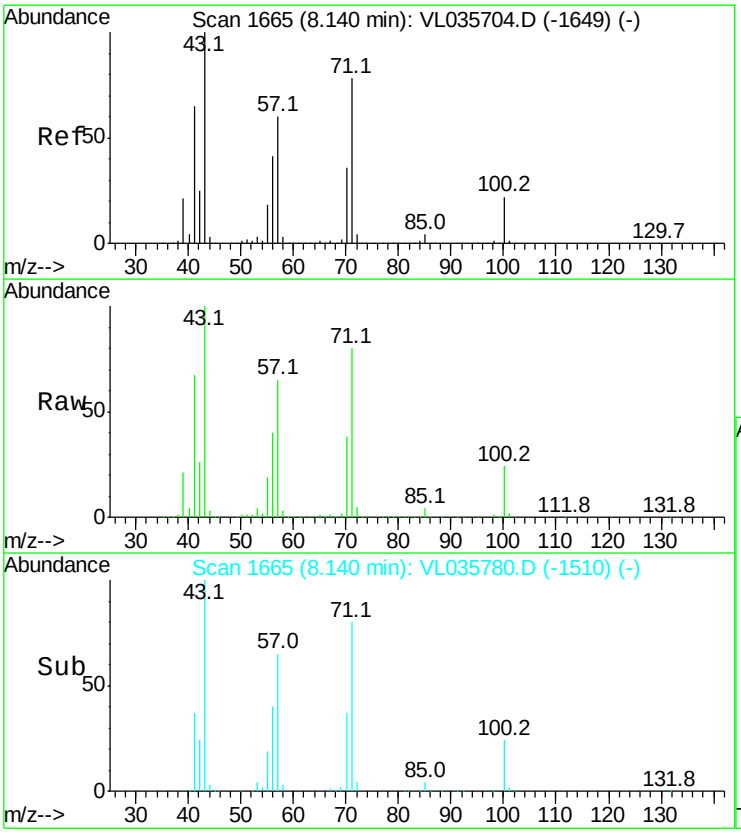
#9
Propene
Concen: 11.126 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 462632

Ion	Ratio	Lower	Upper
41	100		
42	70.6	56.2	84.4

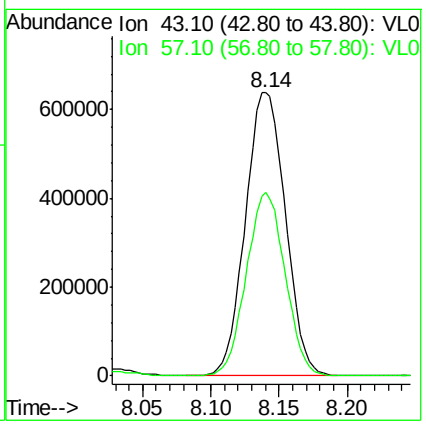


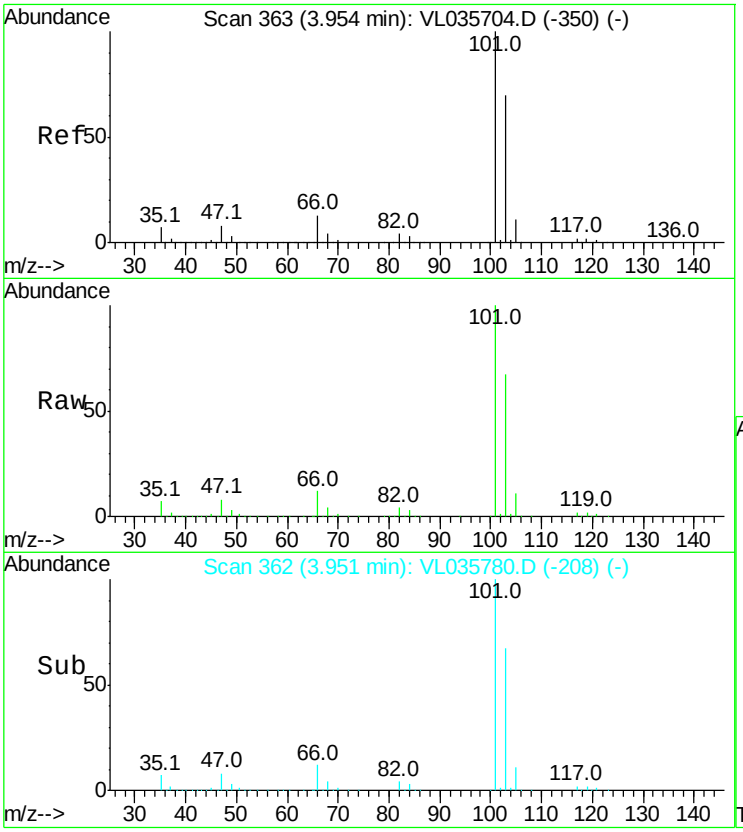


#10
Heptane
Concen: 11.172 ppbv
RT: 8.14 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 43 Resp: 1295042

Ion	Ratio	Lower	Upper
43	100		
57	63.1	50.4	75.6



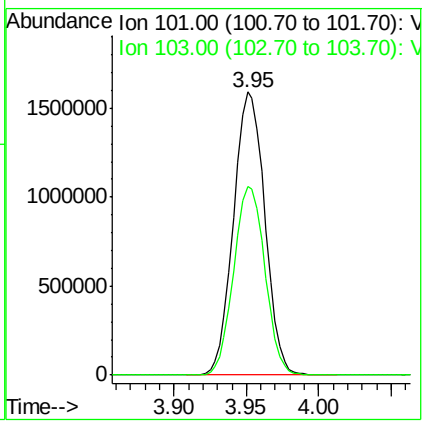


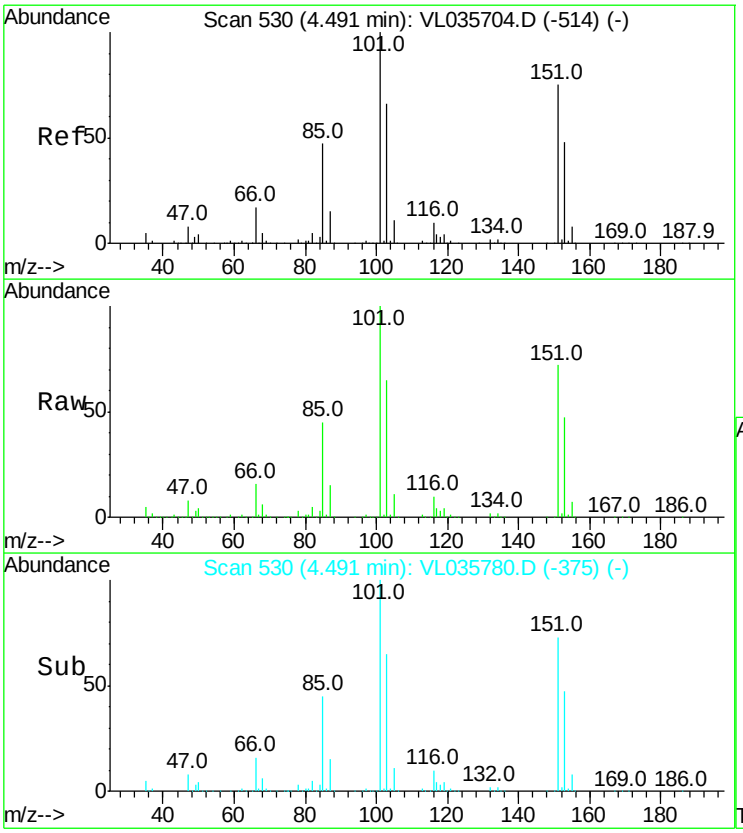
#11
Trichlorofluoromethane
Concen: 9.585 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 2388627

Ion	Ratio	Lower	Upper
101	100		
103	66.6	55.6	83.4

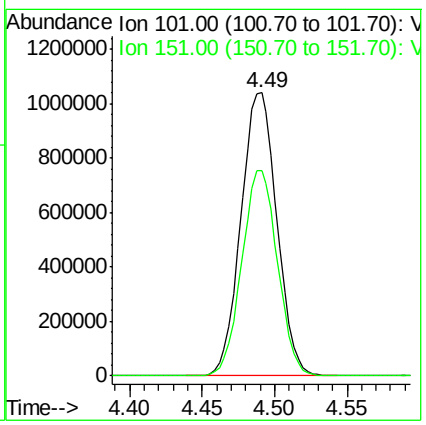


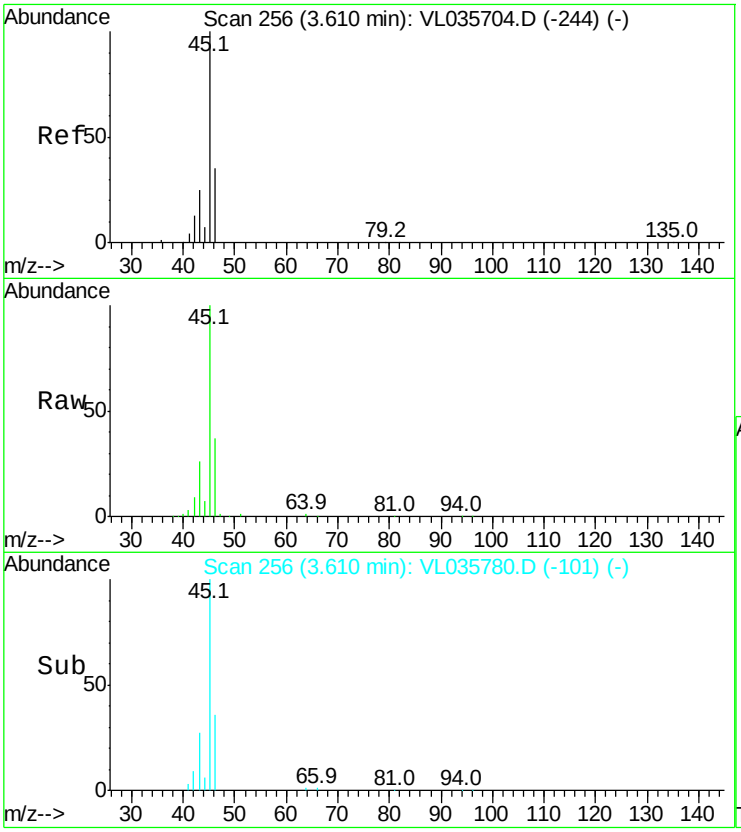


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.659 ppbv
RT: 4.49 min Scan# 530
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:101 Resp: 1794410

Ion	Ratio	Lower	Upper
101	100		
151	72.3	59.1	88.7



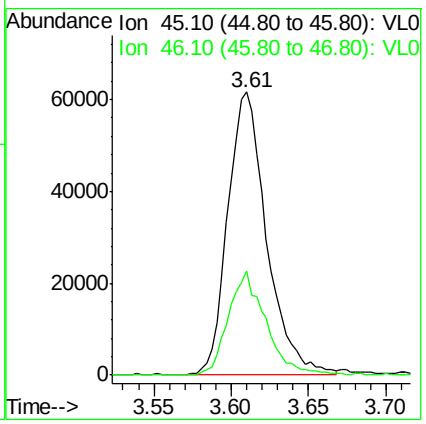


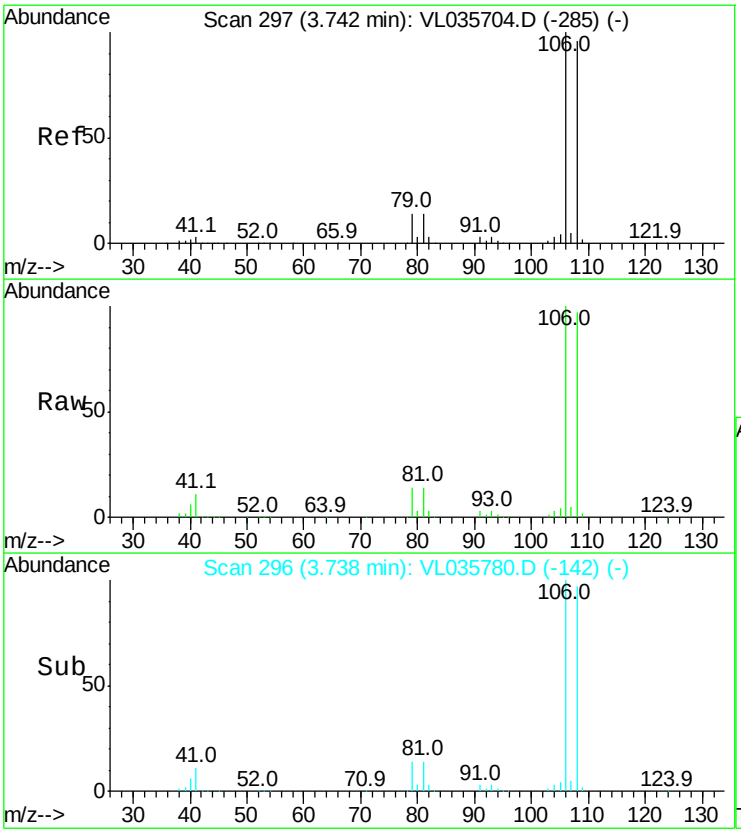
#13
Ethanol
Concen: 10.458 ppbv
RT: 3.61 min Scan# 256
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 107232

Ion	Ratio	Lower	Upper
45	100		
46	36.1	14.7	58.7

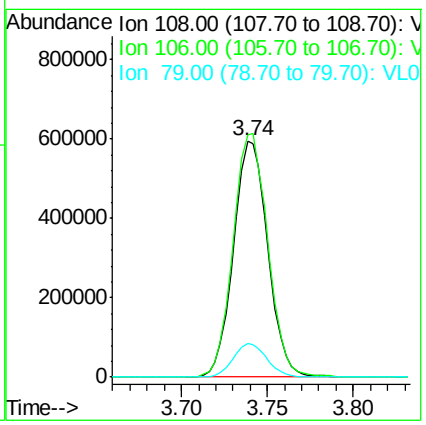


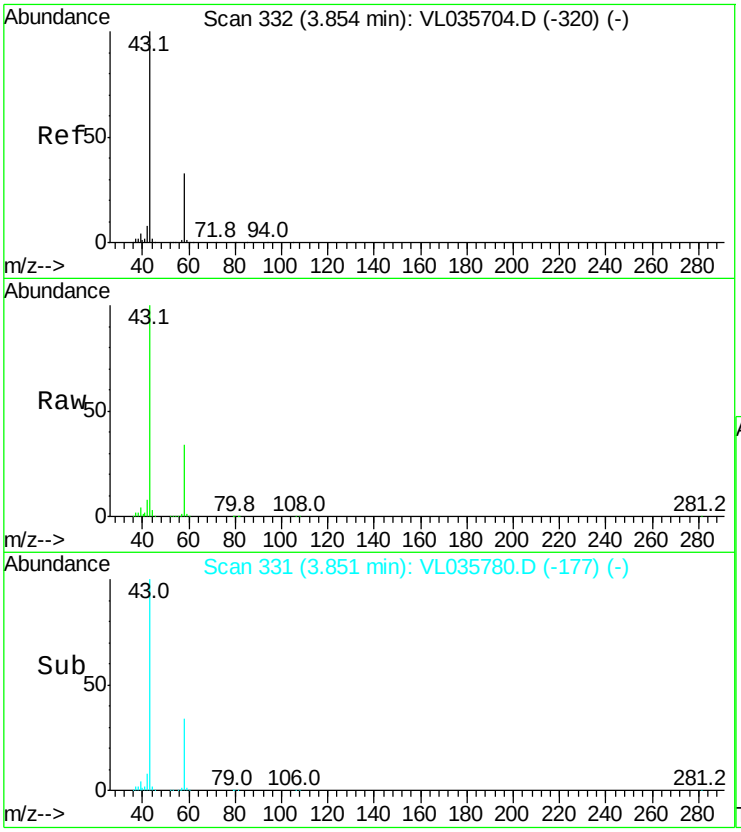


#14
Bromoethene
Concen: 10.577 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:108 Resp: 827682

Ion	Ratio	Lower	Upper
108	100		
106	105.1	84.6	126.8
79	14.2	11.6	17.4



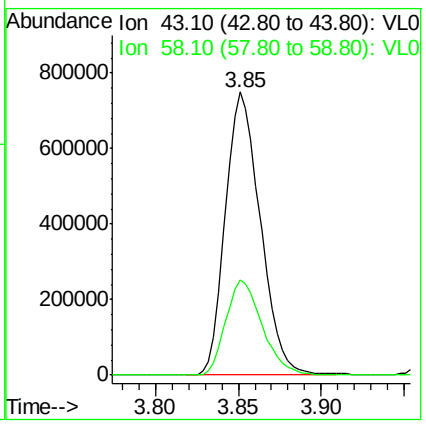


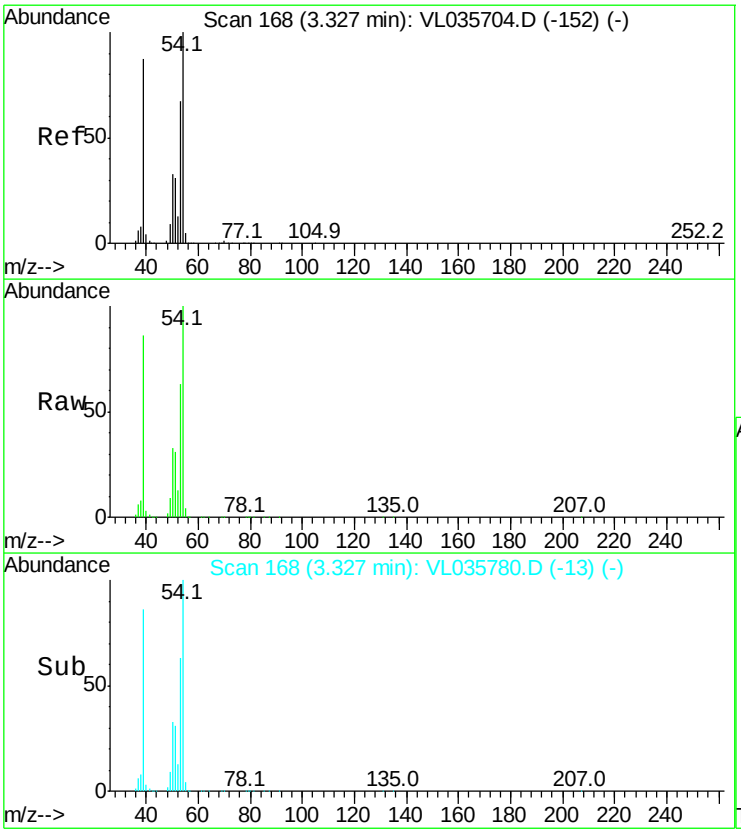
#15
Acetone
Concen: 9.605 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1100226

Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.3	40.9

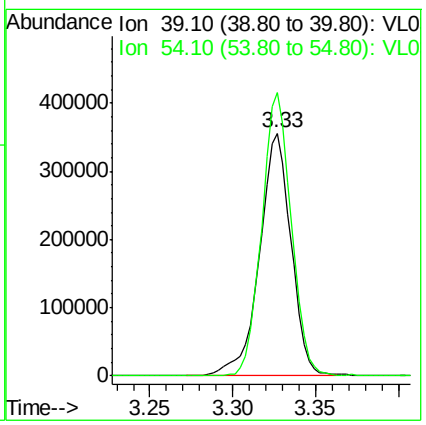


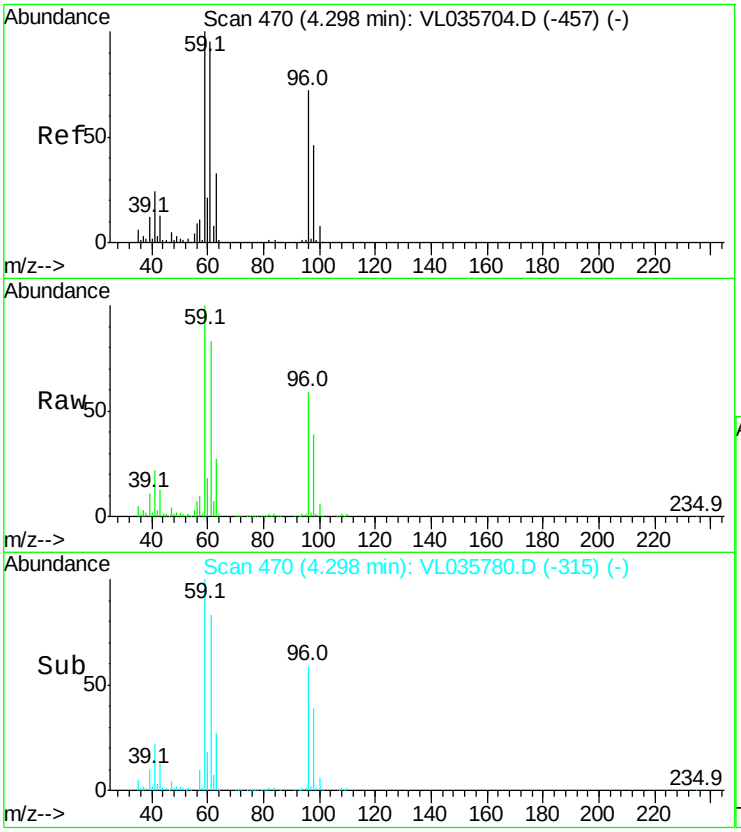


#16
1,3-Butadiene
Concen: 11.199 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 39 Resp: 469296

Ion	Ratio	Lower	Upper
39	100		
54	109.9	87.4	131.0



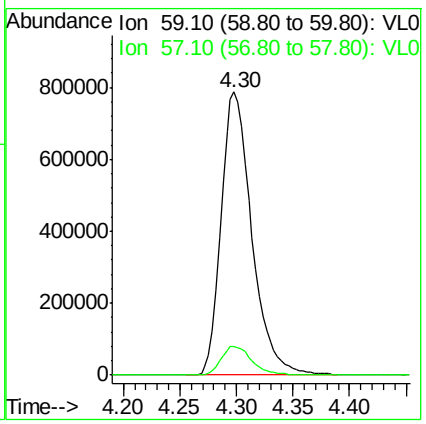


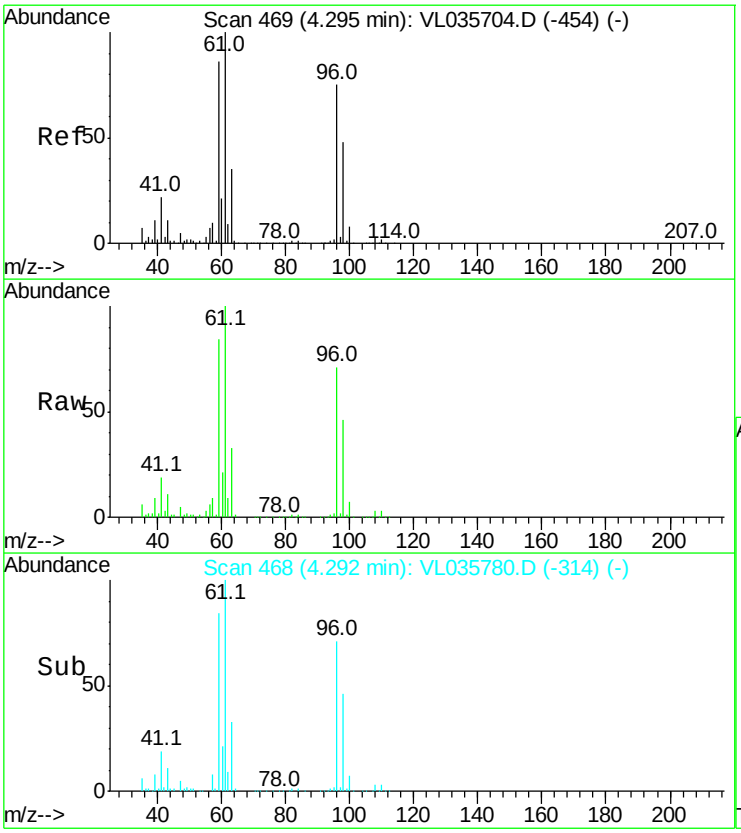
#17
tert-Butyl alcohol
Concen: 11.905 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1485386

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

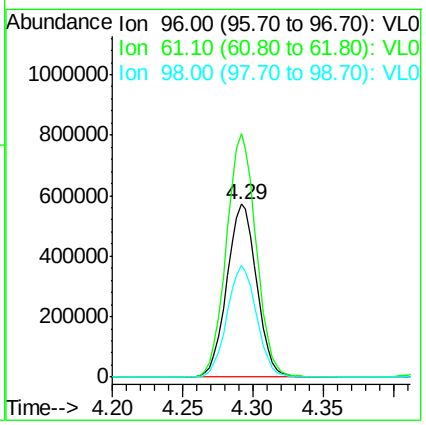


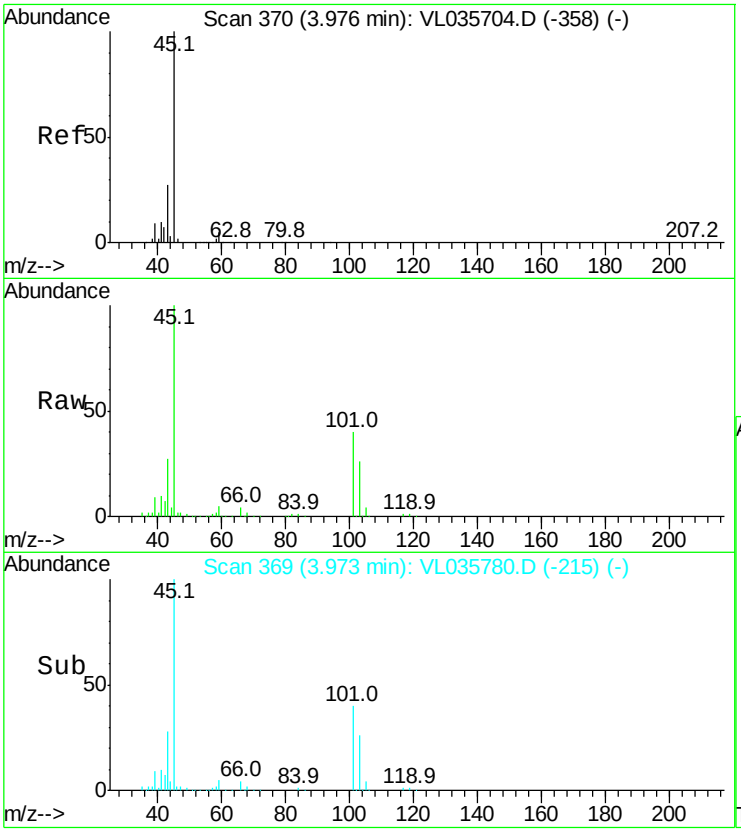


#18
1,1-Dichloroethene
Concen: 10.386 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 96 Resp: 844818

Ion	Ratio	Lower	Upper
96	100		
61	140.6	106.7	160.1
98	64.2	50.8	76.2



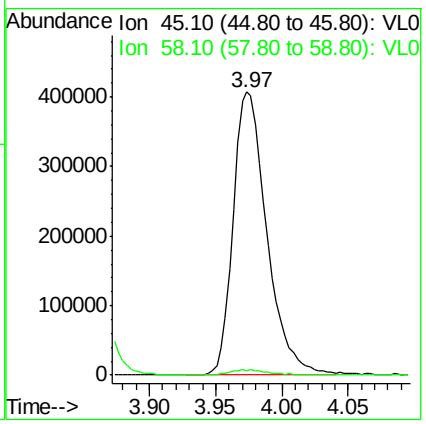


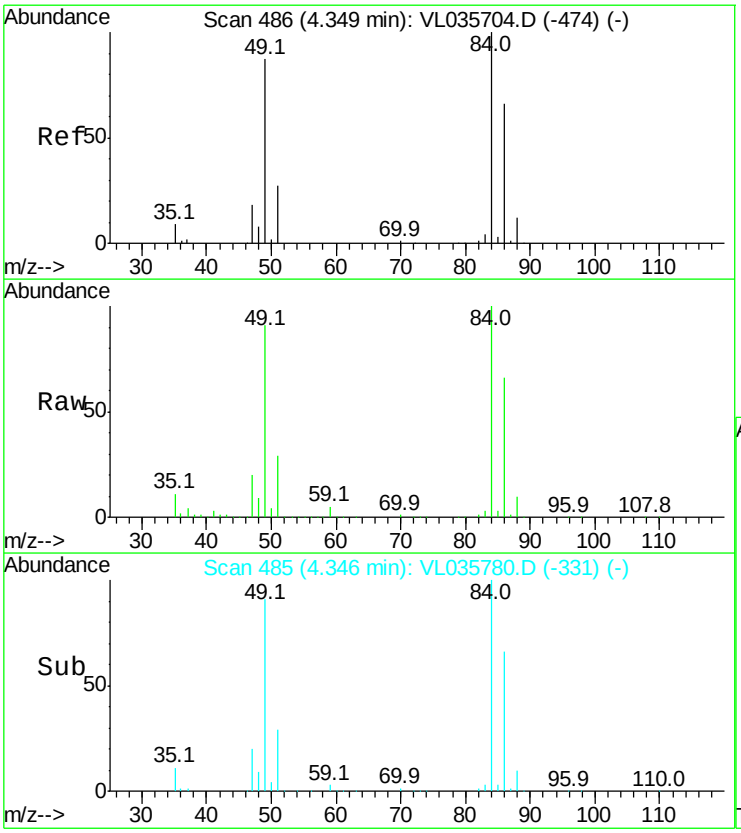
#19
Isopropyl Alcohol
Concen: 11.520 ppbv
RT: 3.97 min Scan# 369
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 717791

Ion	Ratio	Lower	Upper
45	100		
58	2.6	2.8	4.2#

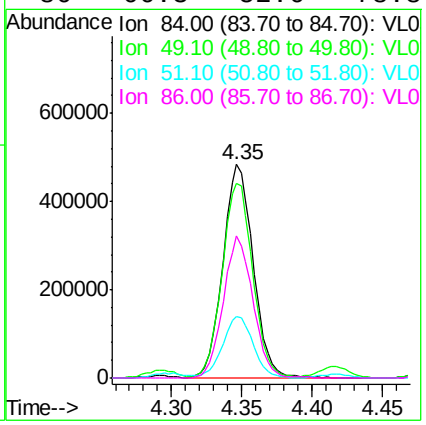


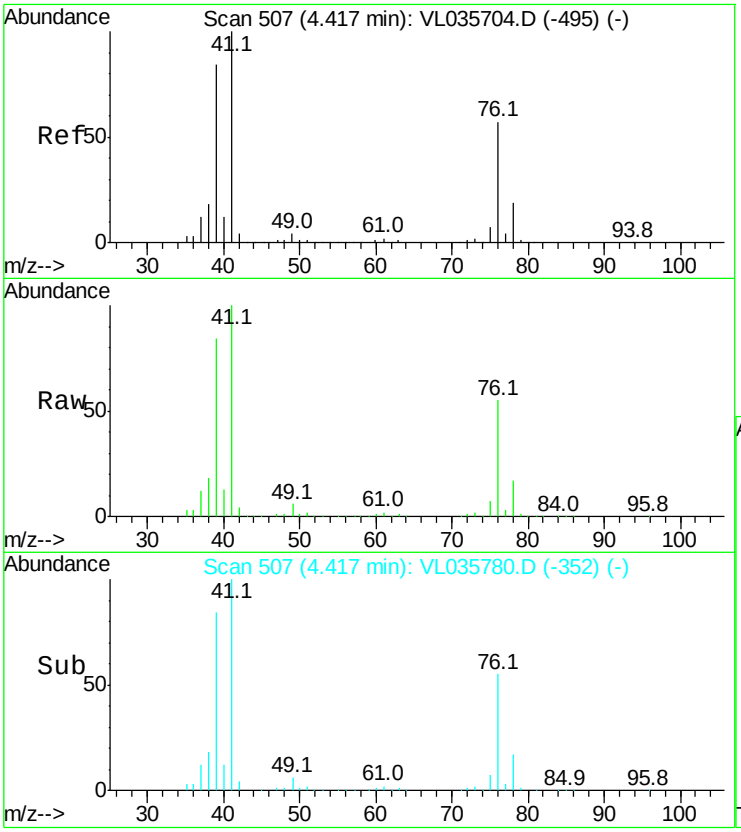


#20
Methylene Chloride
Concen: 8.559 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 84 Resp: 720145

Ion	Ratio	Lower	Upper
84	100		
49	90.3	69.8	104.6
51	27.7	21.8	32.8
86	66.3	52.6	78.8



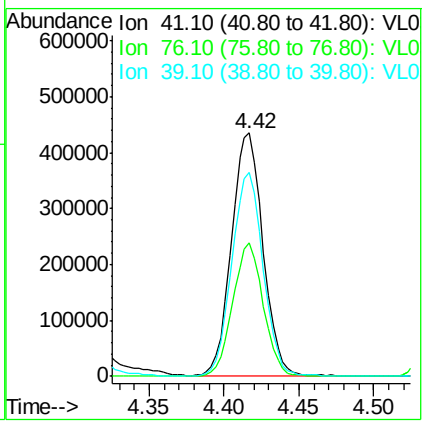


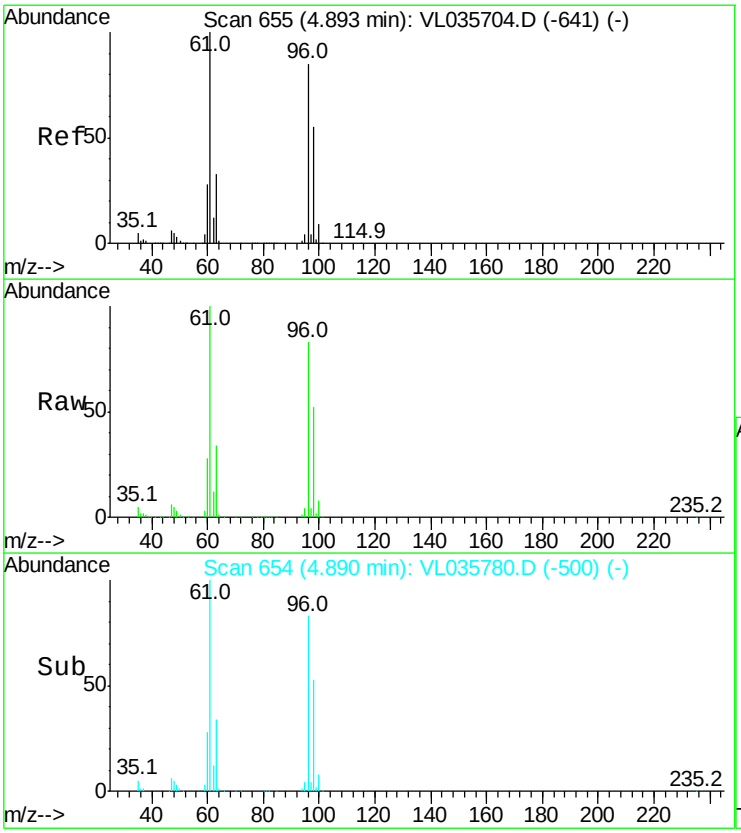
#21
Allyl Chloride
Concen: 11.410 ppbv
RT: 4.42 min Scan# 507
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 633510

Ion	Ratio	Lower	Upper
41	100		
76	53.6	44.8	67.2
39	84.0	68.4	102.6

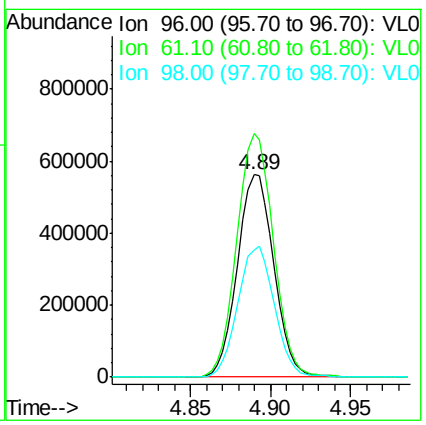


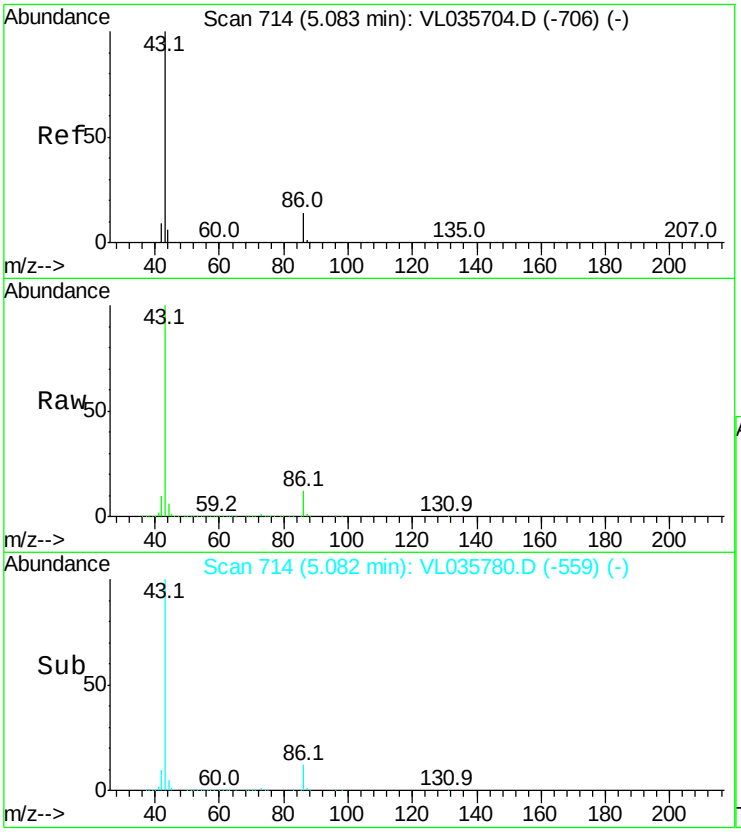


#22
trans-1,2-Dichloroethene
Concen: 10.137 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 96 Resp: 871145

Ion	Ratio	Lower	Upper
96	100		
61	120.4	93.7	140.5
98	63.1	51.2	76.8



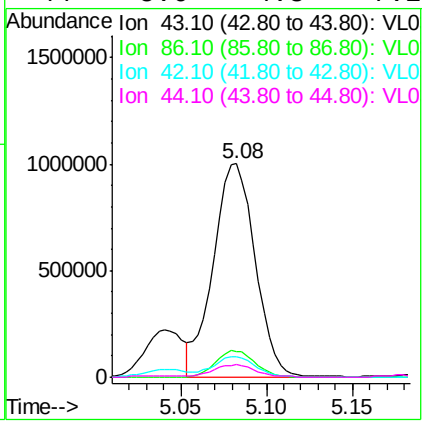


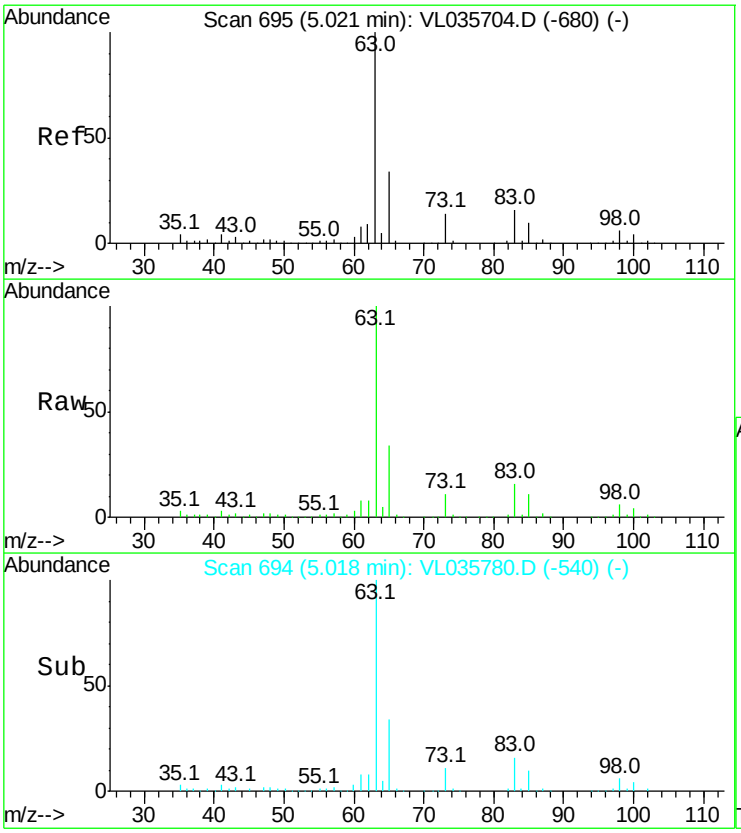
#23
Vinyl Acetate
Concen: 12.154 ppbv
RT: 5.08 min Scan# 714
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1705092

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.7	14.5
42	9.8	7.9	11.9
44	5.6	4.8	7.2

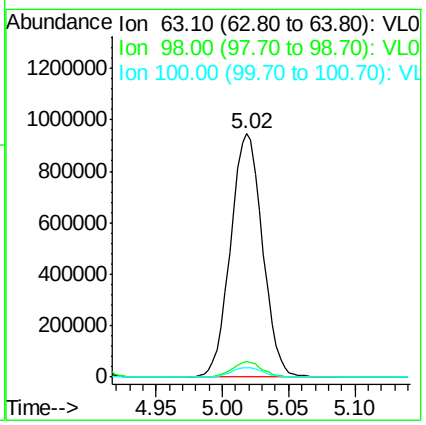


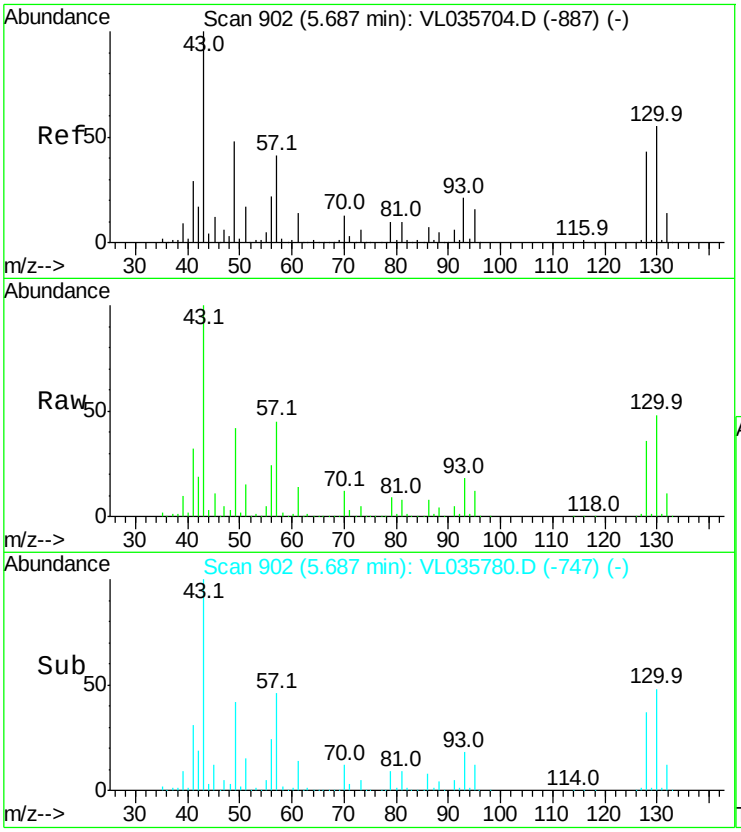


#24
1,1-Dichloroethane
Concen: 10.339 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 63 Resp: 1579856

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.8
100	4.0	2.0	5.8



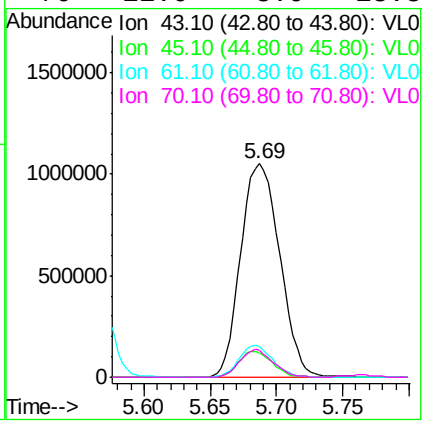


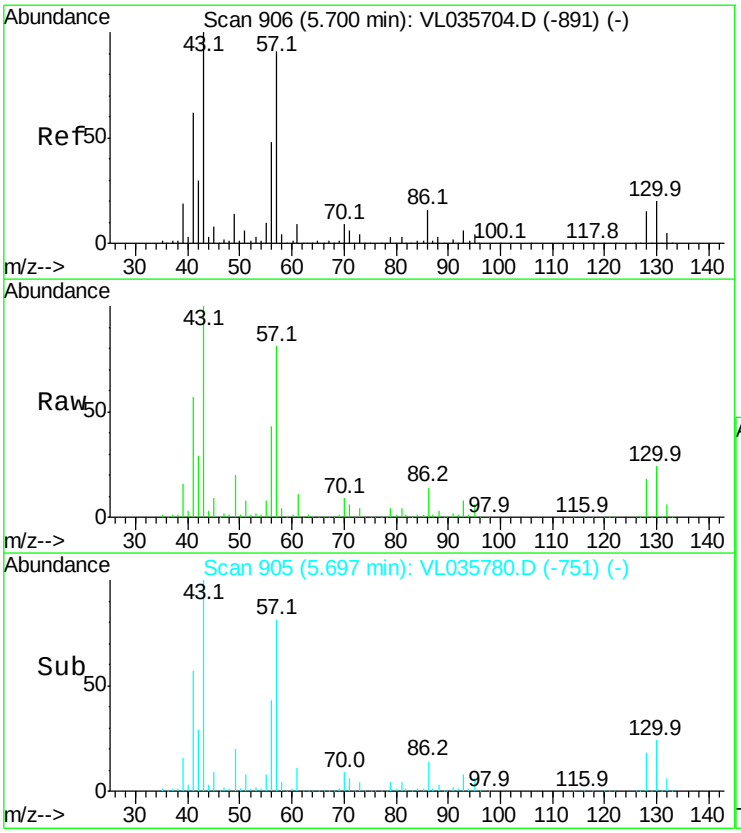
#25
Ethyl Acetate
Concen: 10.498 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2163789

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	12.8
61	12.8	10.4	15.6
70	11.0	8.9	13.3

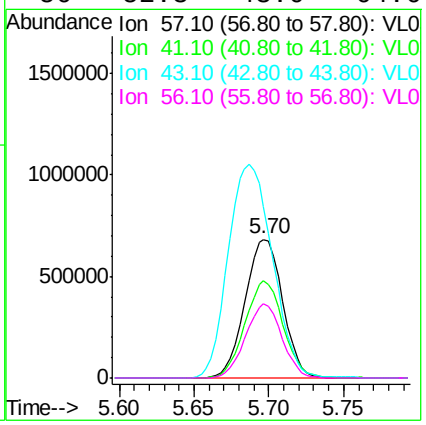


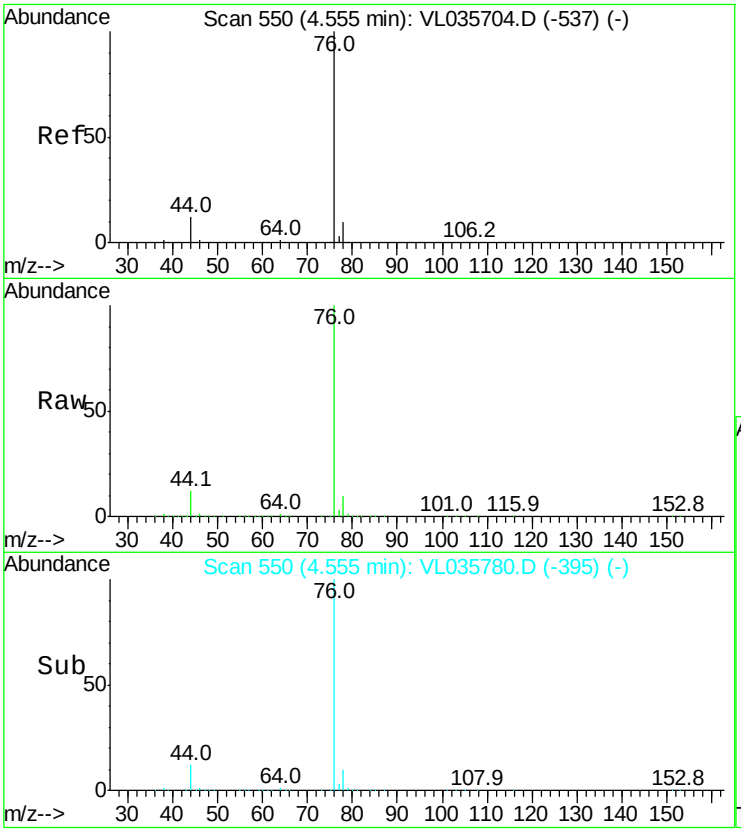


#26
Hexane
Concen: 10.540 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 57 Resp: 1190458

Ion	Ratio	Lower	Upper
57	100		
41	72.3	57.9	86.9
43	182.6	143.8	215.6
56	52.3	43.0	64.6



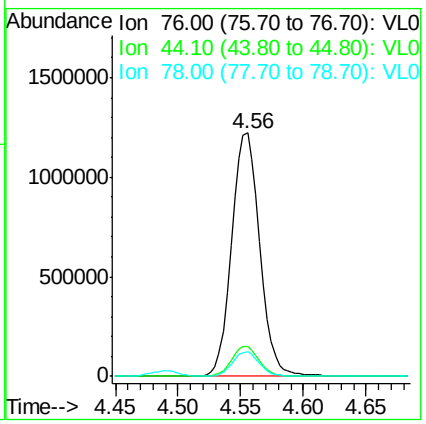


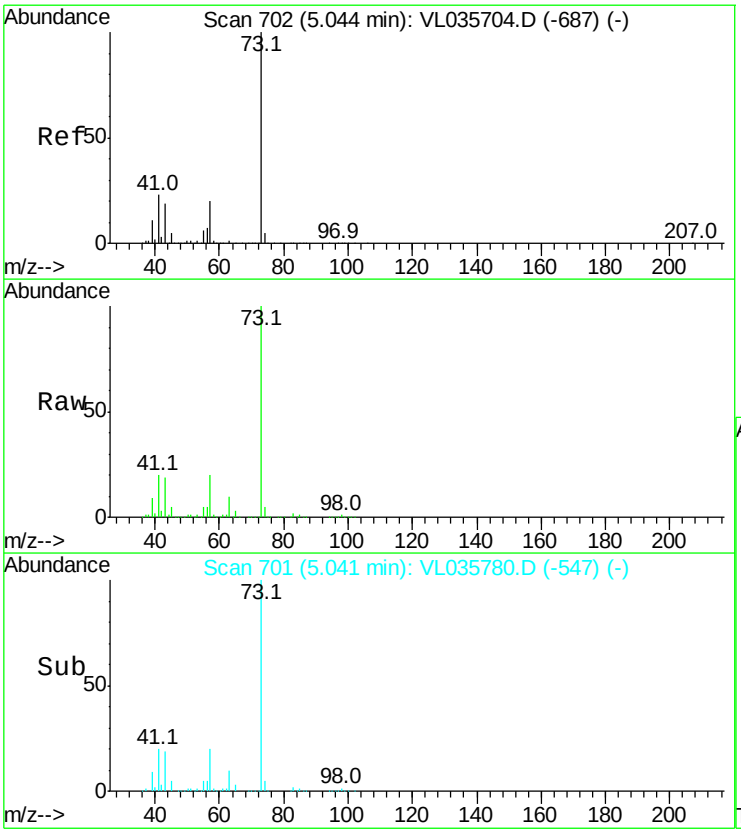
#27
Carbon Disulfide
Concen: 11.283 ppbv
RT: 4.56 min Scan# 550
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 76 Resp: 1899339

Ion	Ratio	Lower	Upper
76	100		
44	12.1	9.7	14.5
78	9.7	7.8	11.8

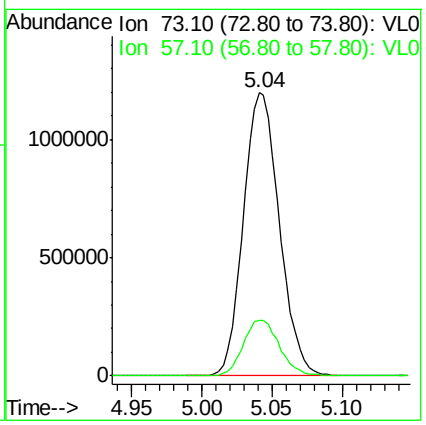


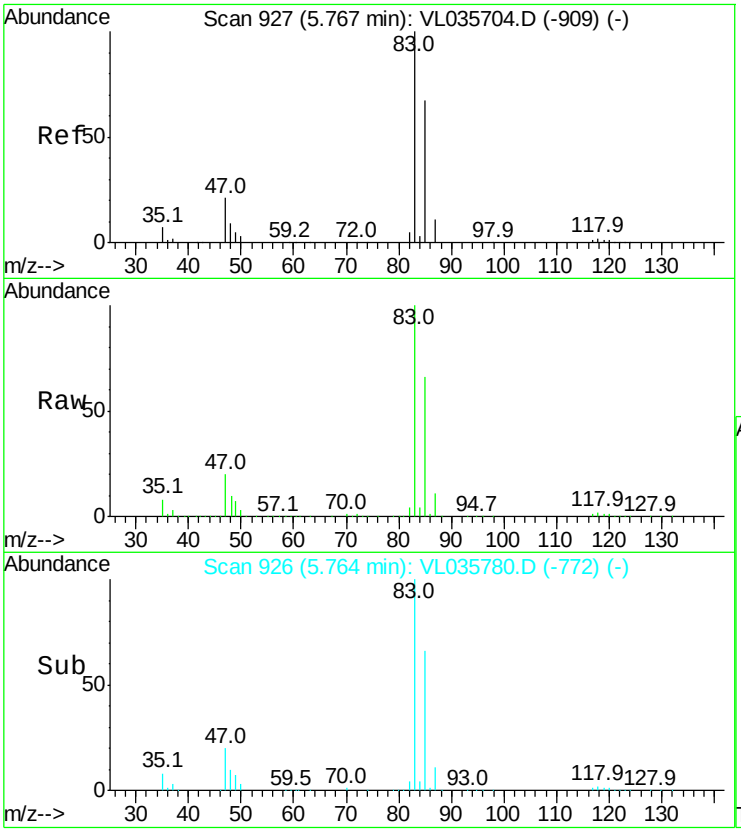


#28
Methyl tert-Butyl Ether
Concen: 11.954 ppbv
RT: 5.04 min Scan# 701
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 73 Resp: 2140211

Ion	Ratio	Lower	Upper
73	100		
57	19.9	15.6	23.4



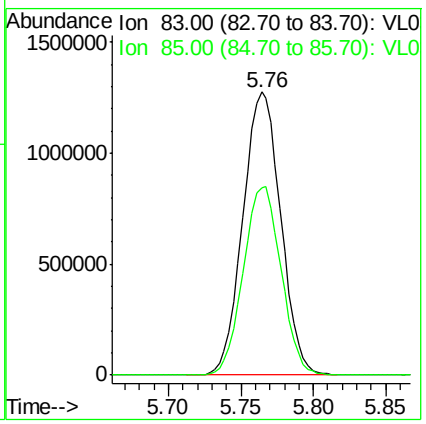


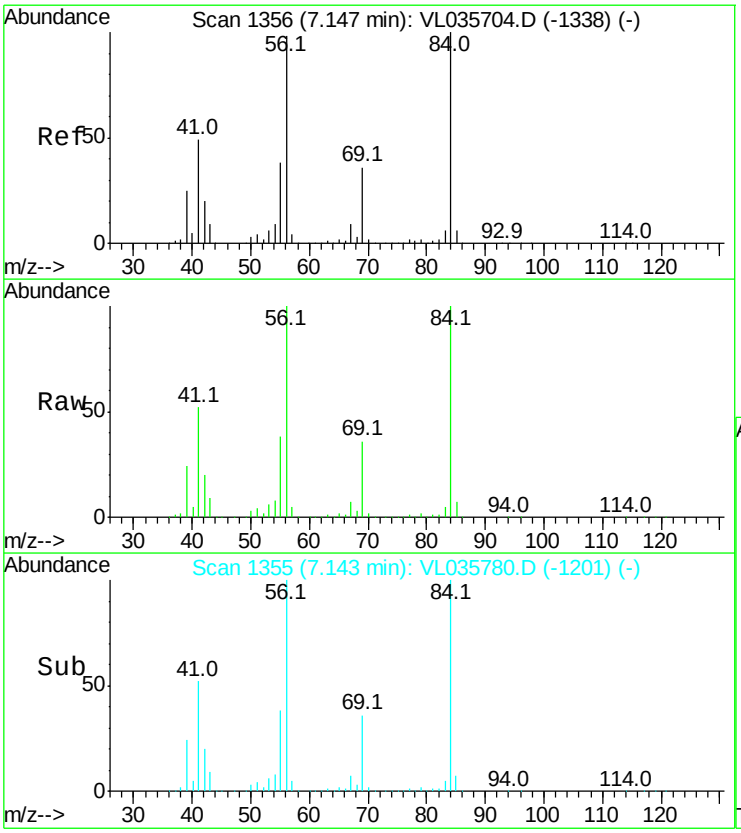
#29
Chloroform
Concen: 10.111 ppbv
RT: 5.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2319038

Ion	Ratio	Lower	Upper
83	100		
85	66.3	54.0	81.0

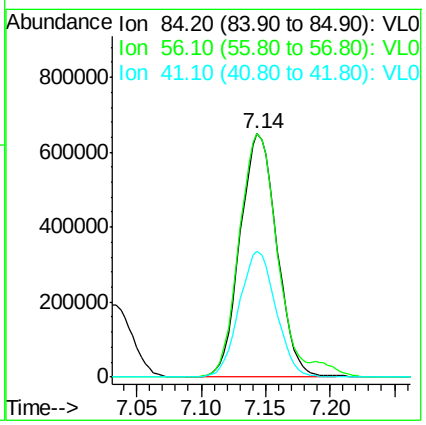


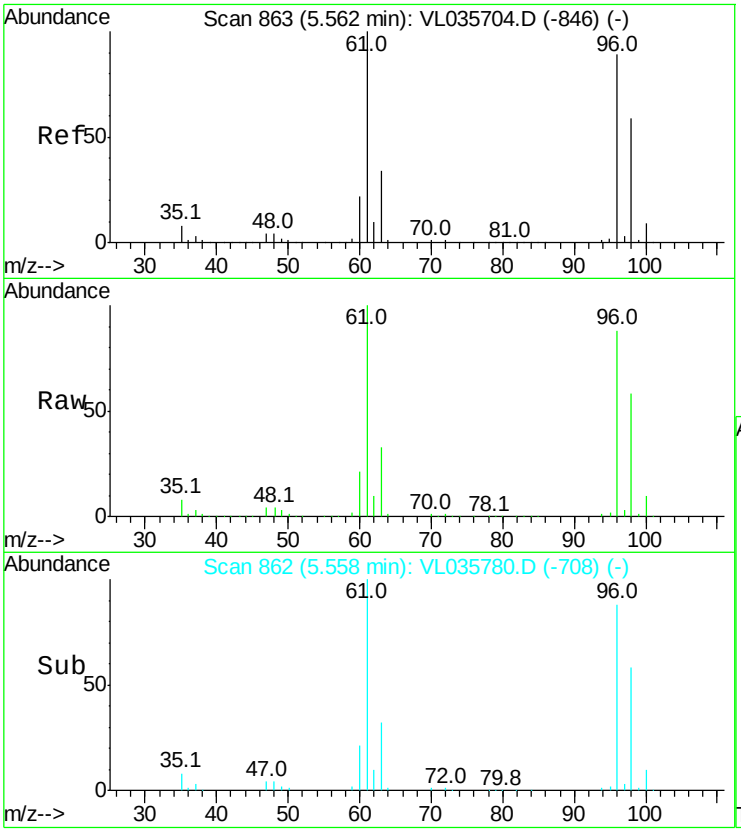


#30
Cyclohexane
Concen: 11.577 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 84 Resp: 1290014

Ion	Ratio	Lower	Upper
84	100		
56	106.2	84.6	127.0
41	51.7	41.1	61.7



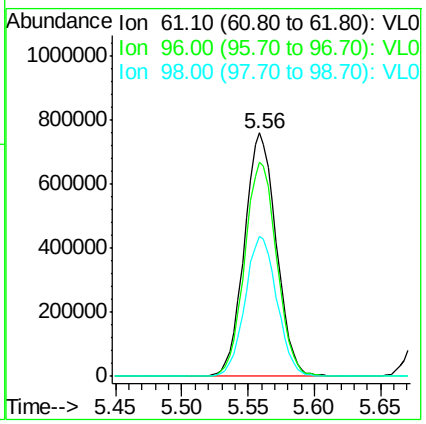


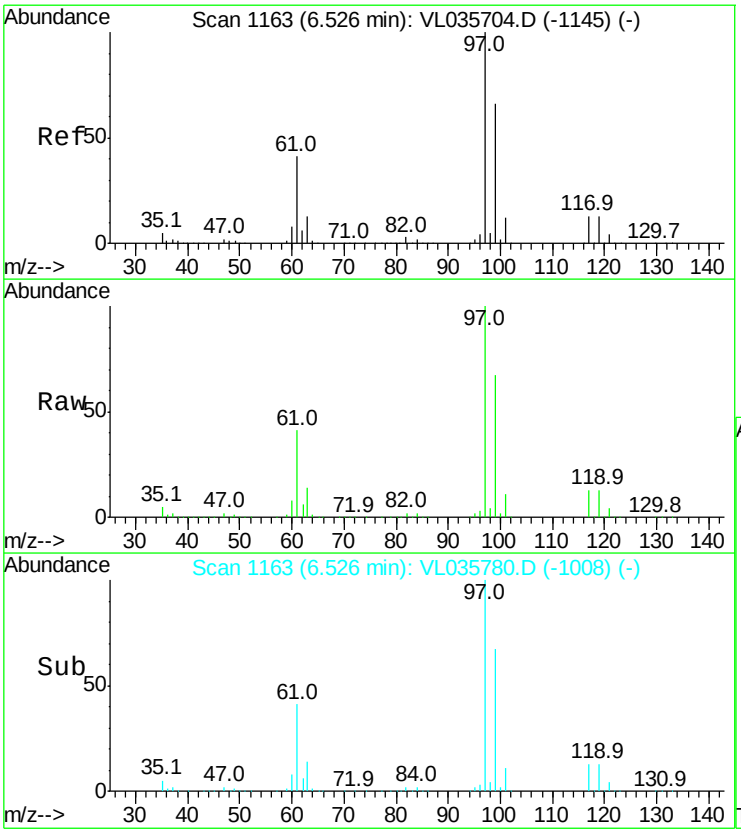
#31
cis-1,2-Dichloroethene
Concen: 11.657 ppbv
RT: 5.56 min Scan# 862
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1270886

Ion	Ratio	Lower	Upper
61	100		
96	87.8	71.4	107.2
98	57.7	47.4	71.2

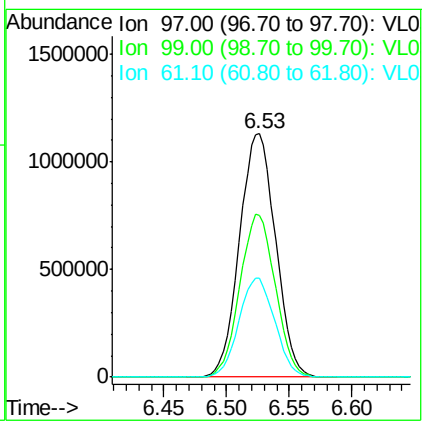


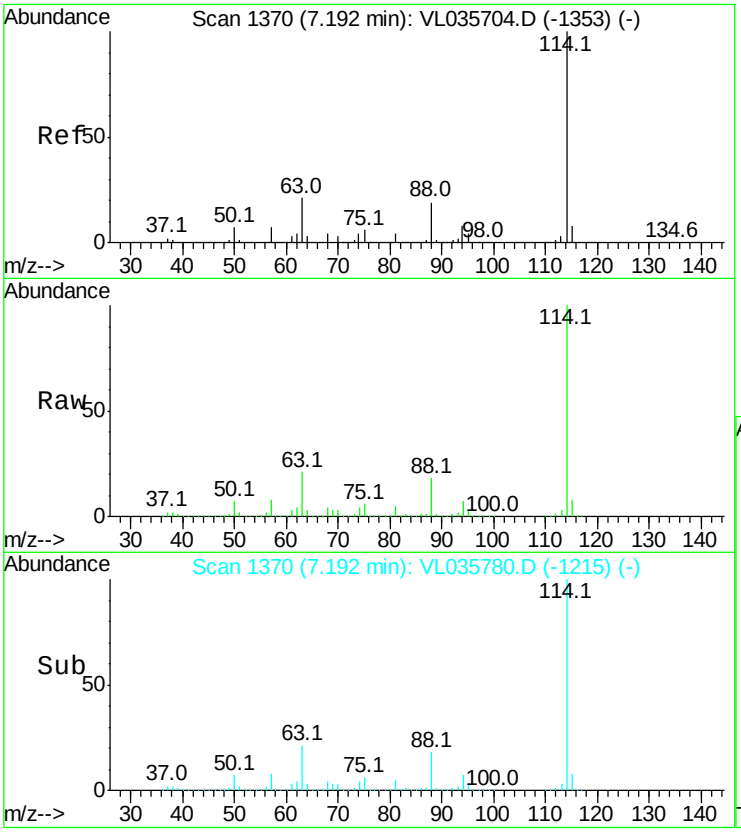


#32
1,1,1-Trichloroethane
Concen: 11.217 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 97 Resp: 2267888

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.7	79.1
61	40.4	32.7	49.1



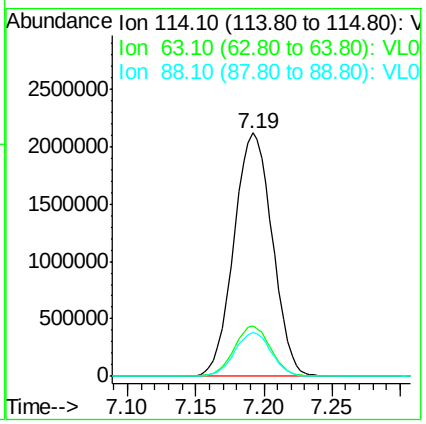


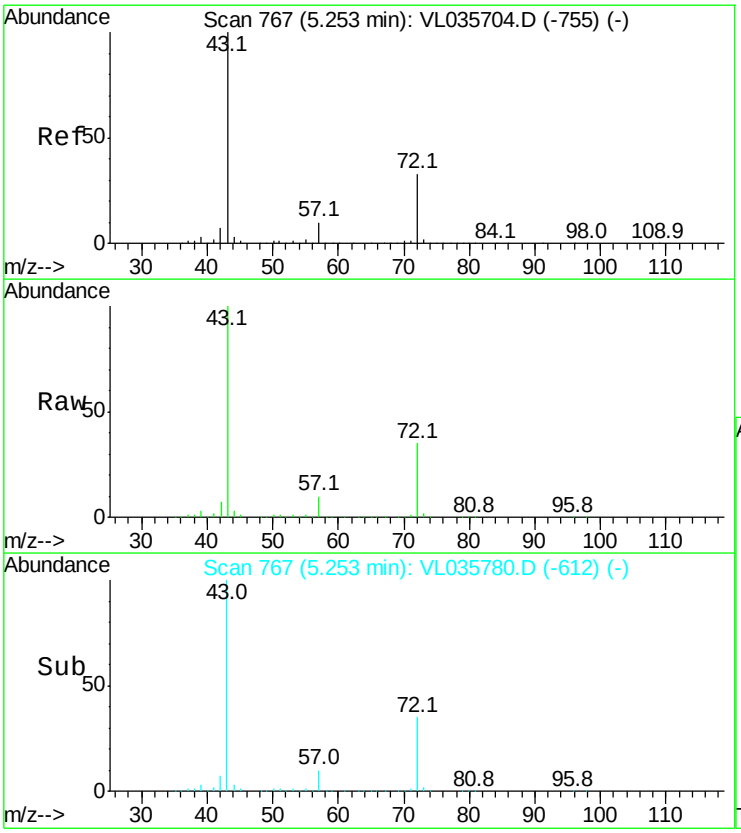
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 4143253

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	17.3	14.1	21.1

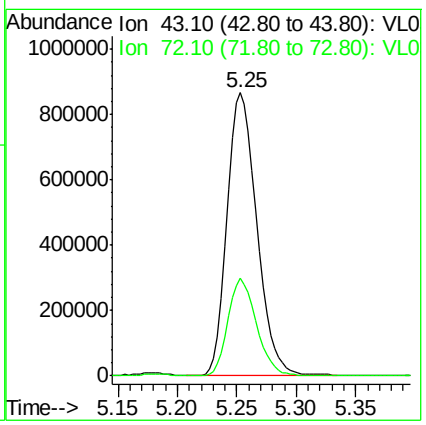


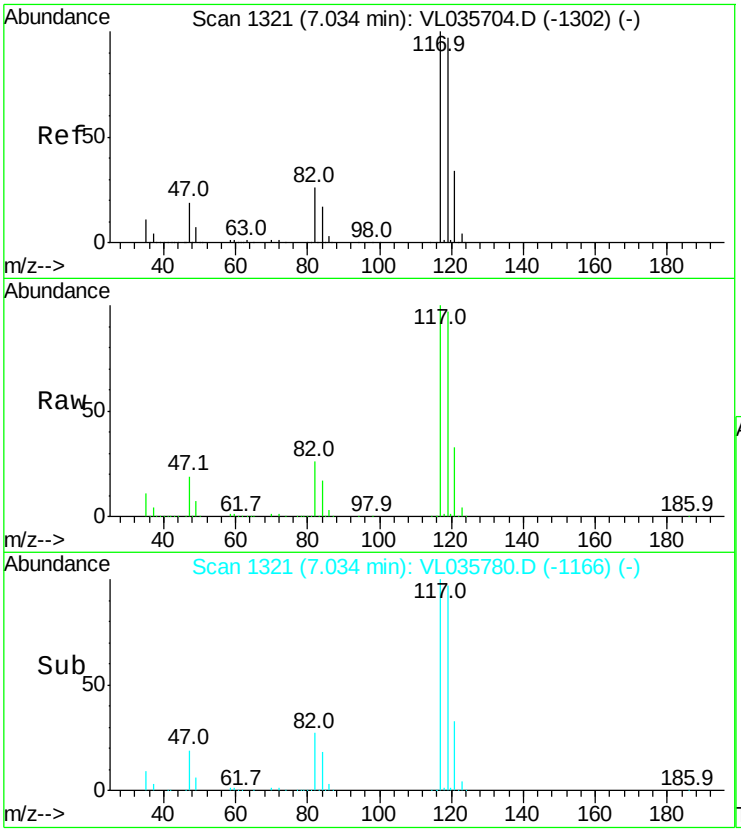


#34
2-Butanone
Concen: 10.929 ppbv
RT: 5.25 min Scan# 767
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 43 Resp: 1497725

Ion	Ratio	Lower	Upper
43	100		
72	33.2	26.1	39.1



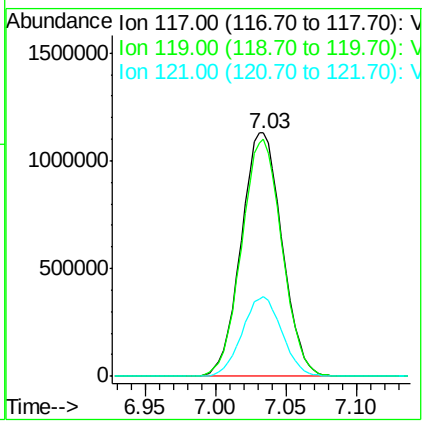


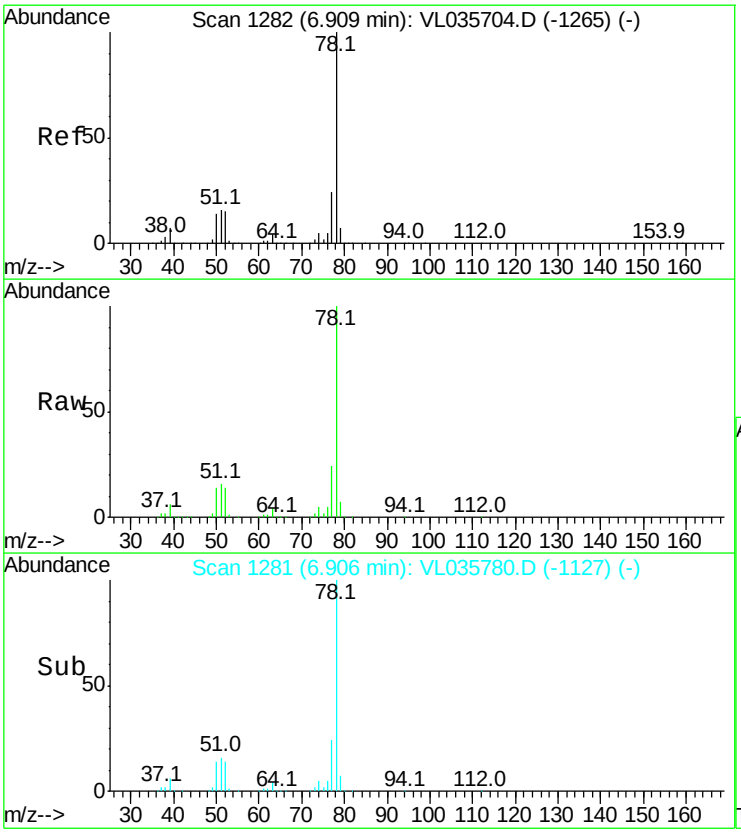
#35
Carbon Tetrachloride
Concen: 10.612 ppbv
RT: 7.03 min Scan# 1321
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 2292340

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.7	116.5
121	32.7	26.9	40.3

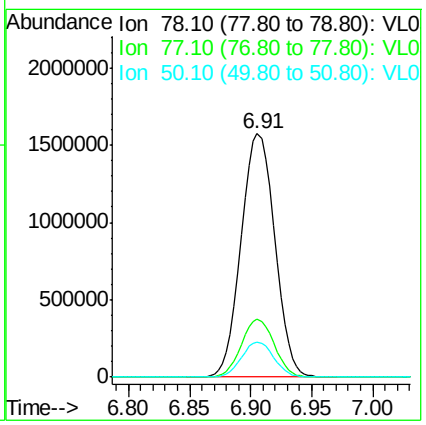


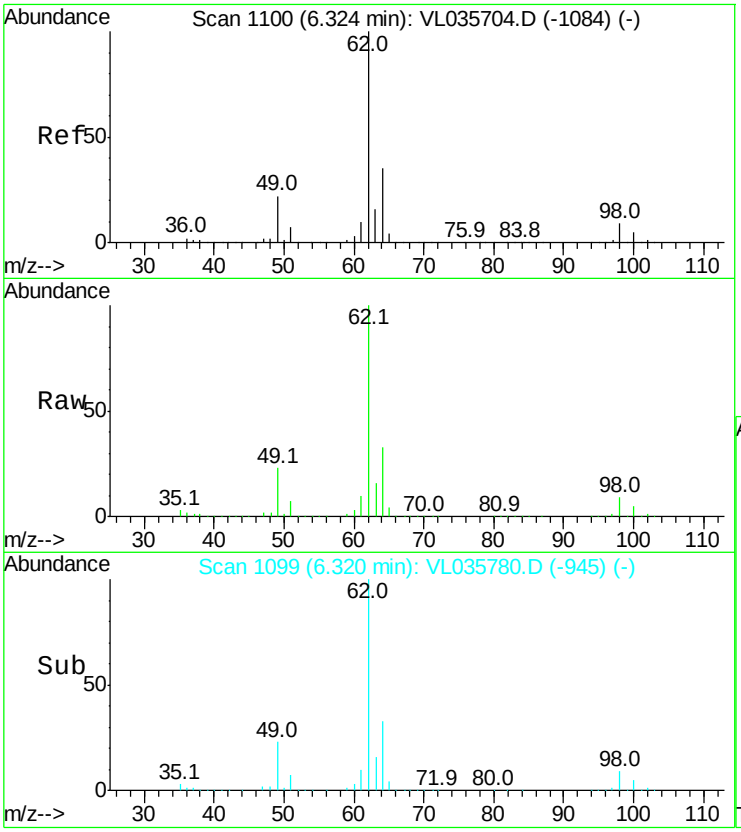


#36
Benzene
Concen: 11.128 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 78 Resp: 3004326

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9
50	14.2	11.6	17.4



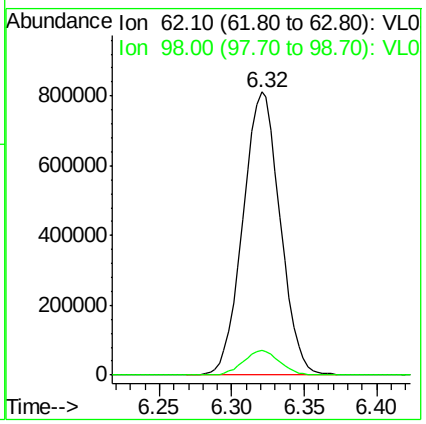


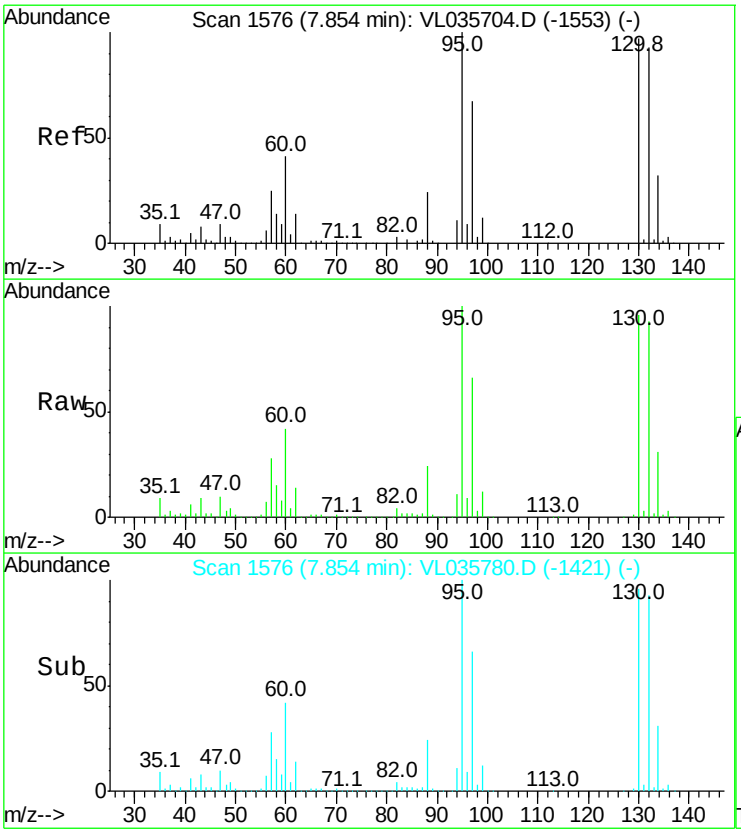
#37
1,2-Dichloroethane
Concen: 10.314 ppbv
RT: 6.32 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 1451337

Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.9	10.3

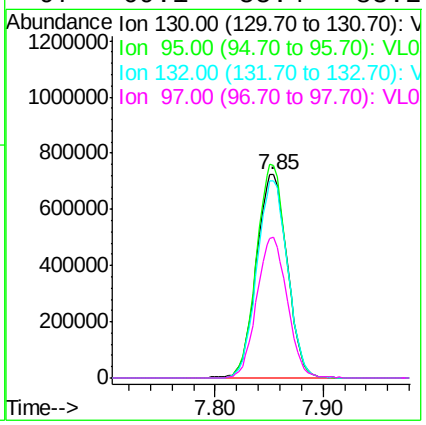


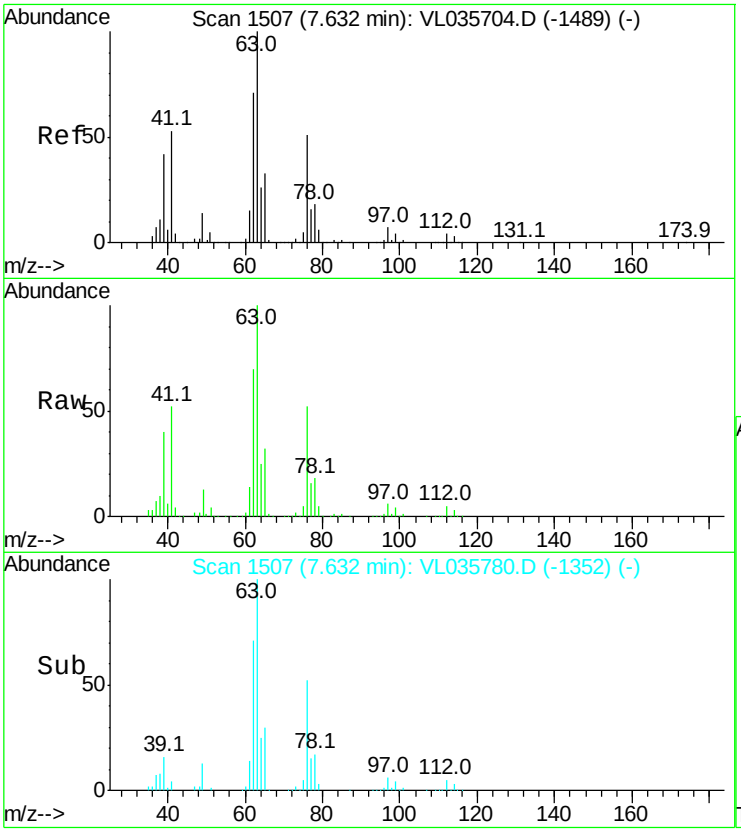


#38
Trichloroethene
Concen: 10.679 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:130 Resp: 1438270

Ion	Ratio	Lower	Upper
130	100		
95	104.6	82.4	123.6
132	96.8	76.8	115.2
97	69.1	55.4	83.2



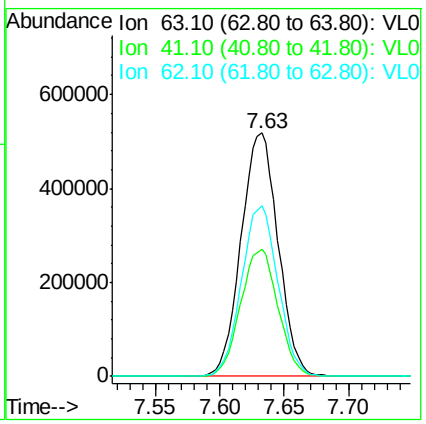


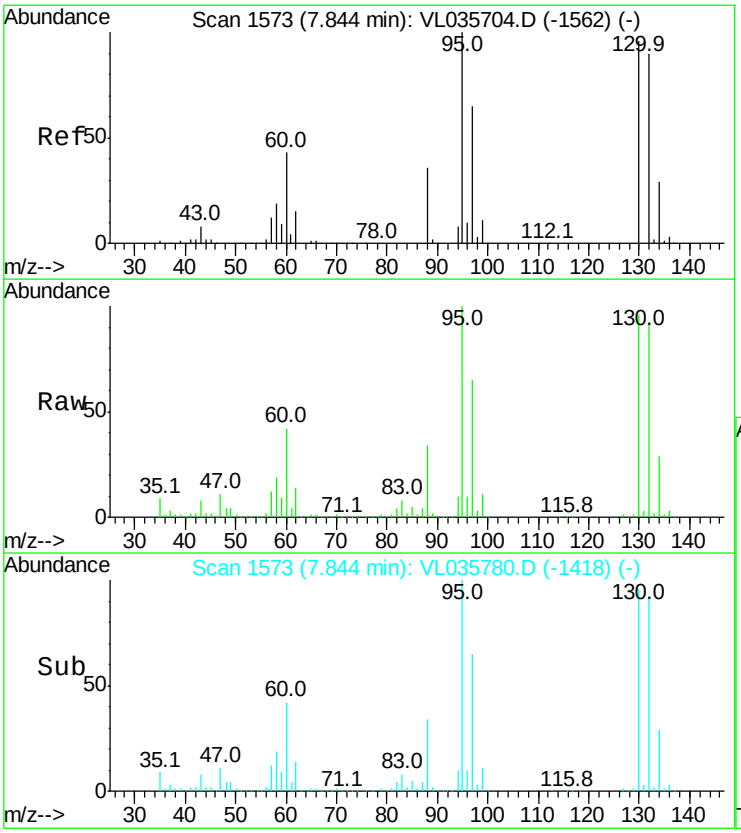
#39
1,2-Dichloropropane
Concen: 10.587 ppbv
RT: 7.63 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 63 Resp: 1035981

Ion	Ratio	Lower	Upper
63	100		
41	52.2	42.6	63.8
62	70.2	56.5	84.7

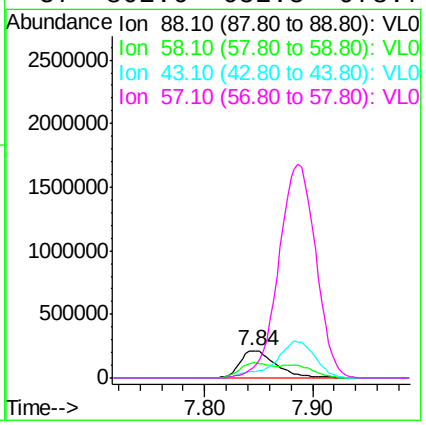


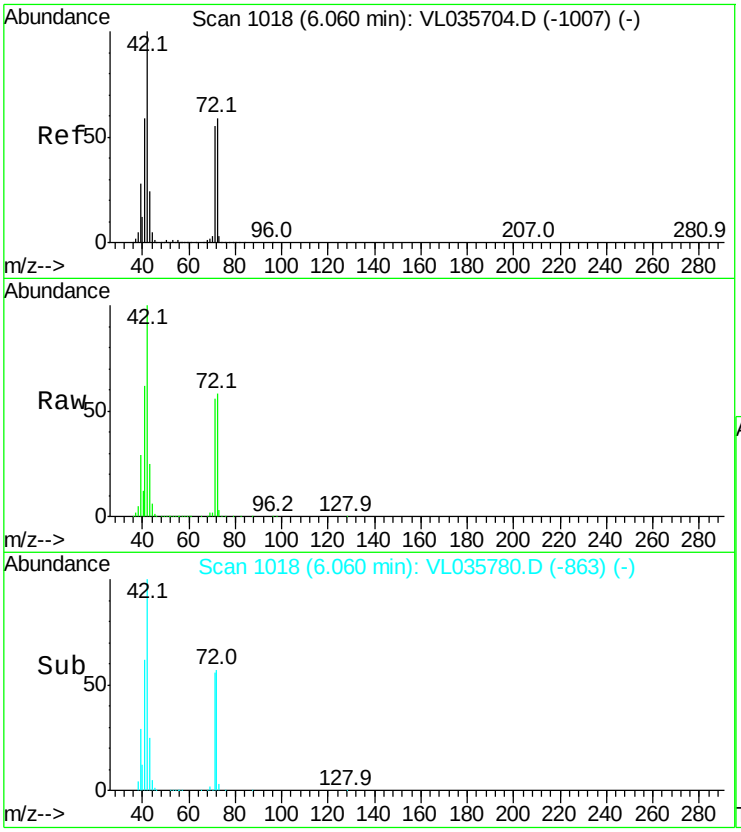


#40
1,4-Dioxane
Concen: 11.181 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 88 Resp: 500368

Ion	Ratio	Lower	Upper
88	100		
58	94.4	76.2	114.4
43	150.9	123.4	185.2
57	802.6	652.5	978.7



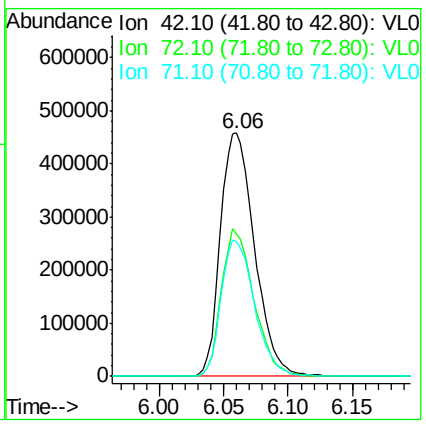


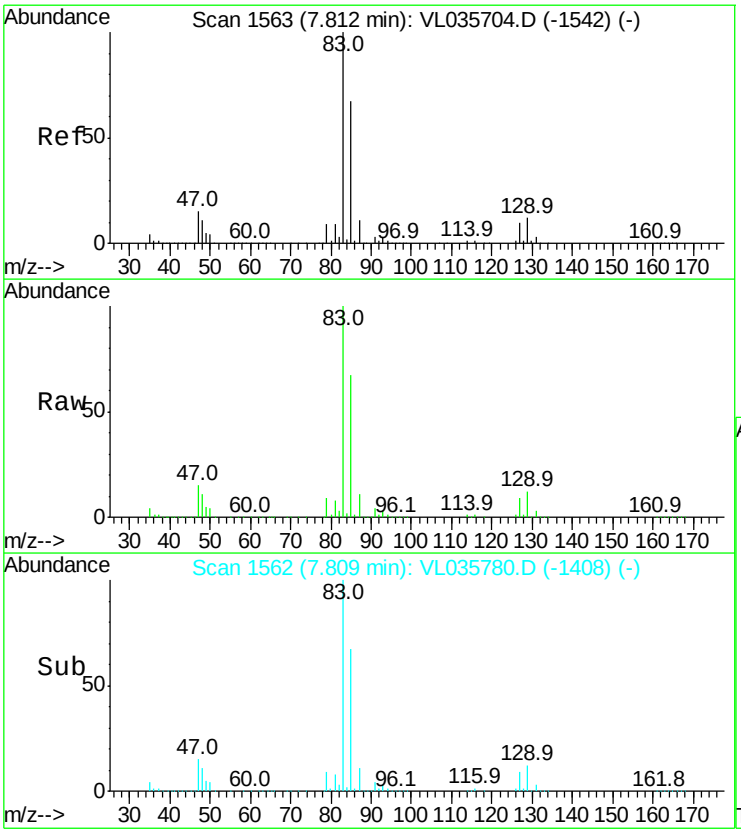
#41
Tetrahydrofuran
Concen: 12.187 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 841380

Ion	Ratio	Lower	Upper
42	100		
72	57.9	46.2	69.4
71	55.0	44.2	66.4

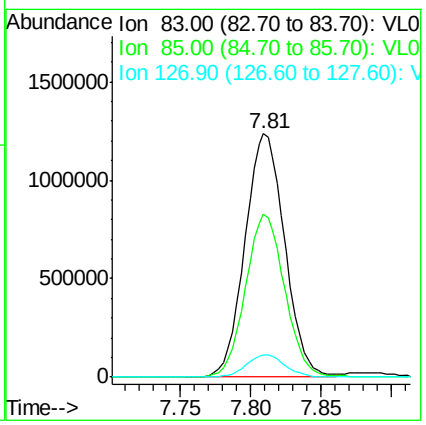


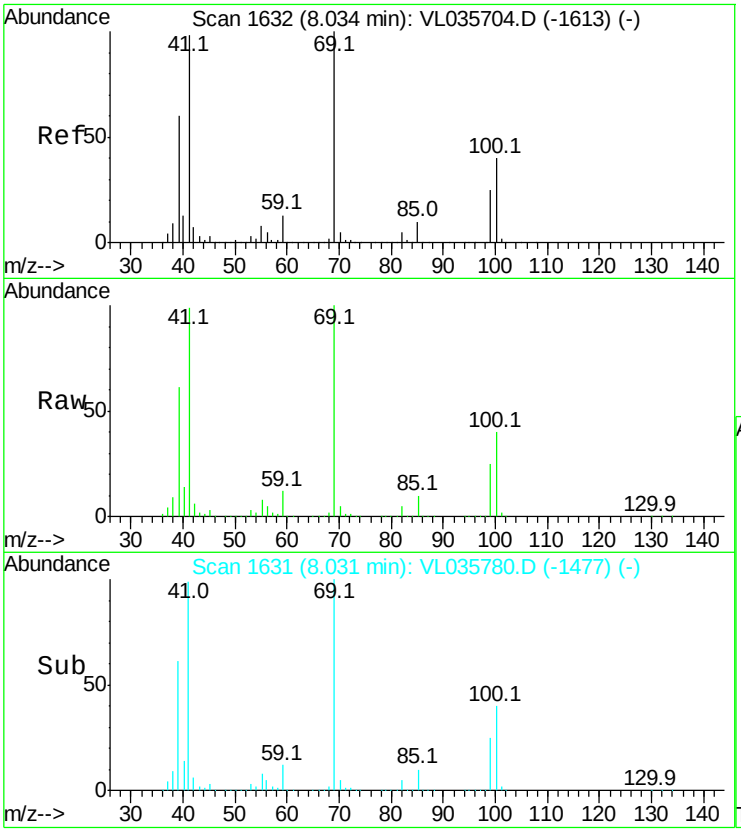


#42
Bromodichloromethane
Concen: 10.766 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 83 Resp: 2440314

Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.4	80.0
127	9.2	7.8	11.6



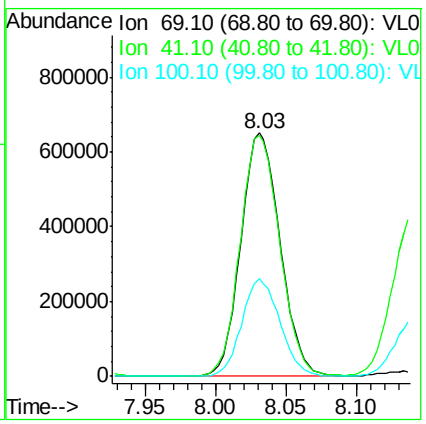


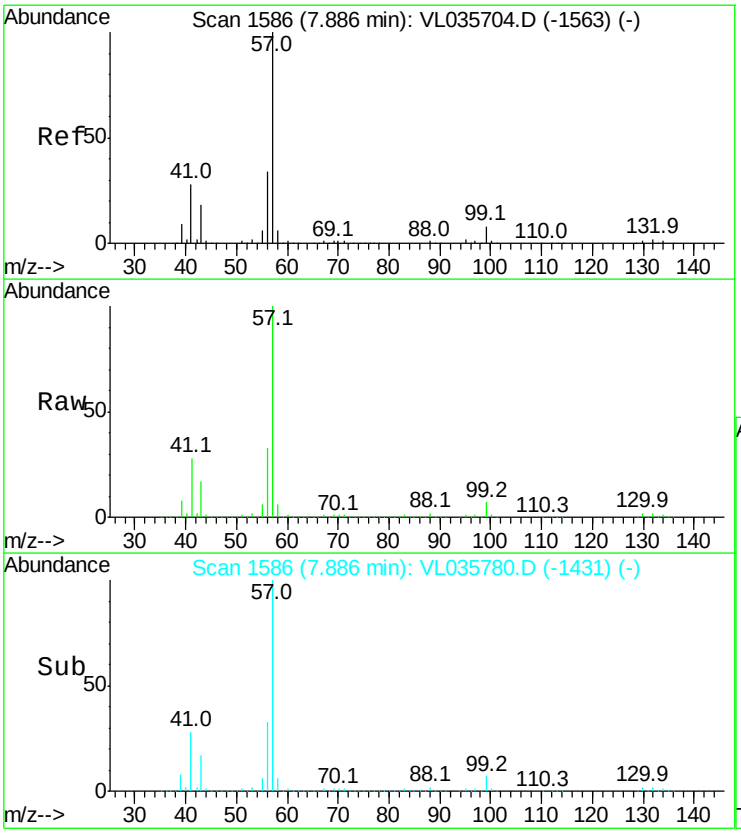
#43
Methyl Methacrylate
Concen: 11.801 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1267153

Ion	Ratio	Lower	Upper
69	100		
41	99.9	79.8	119.6
100	39.0	30.6	46.0

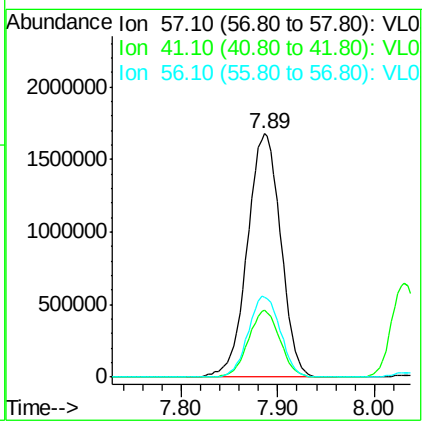


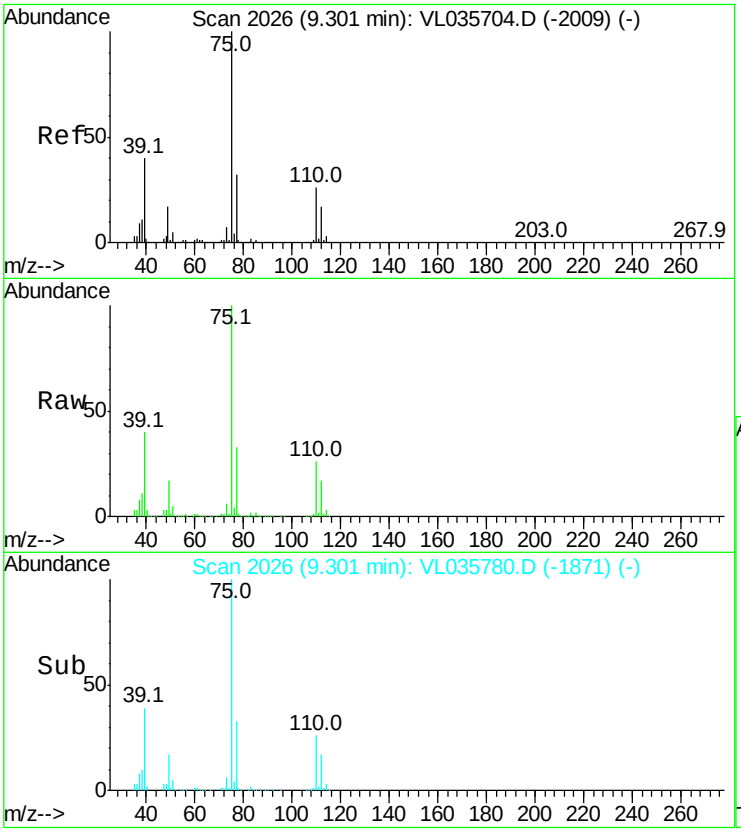


#44
2,2,4-Trimethylpentane
Concen: 10.360 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 57 Resp: 4013480

Ion	Ratio	Lower	Upper
57	100		
41	26.0	21.2	31.8
56	32.0	25.8	38.8



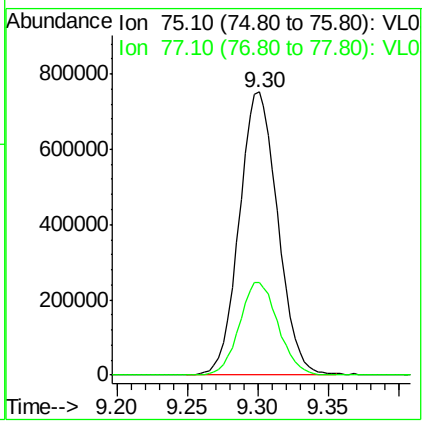


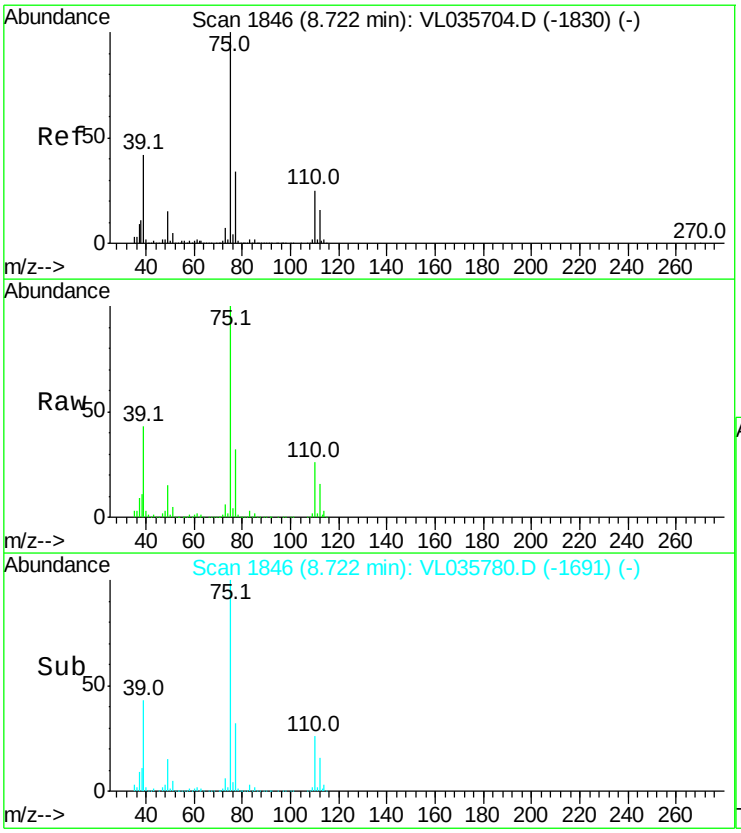
#45
t-1,3-Dichloropropene
Concen: 13.268 ppbv
RT: 9.30 min Scan# 2026
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1438287

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.9	38.9

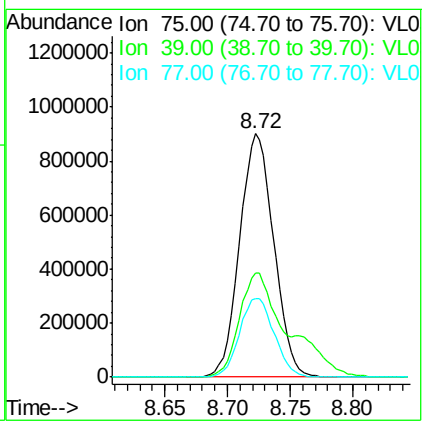


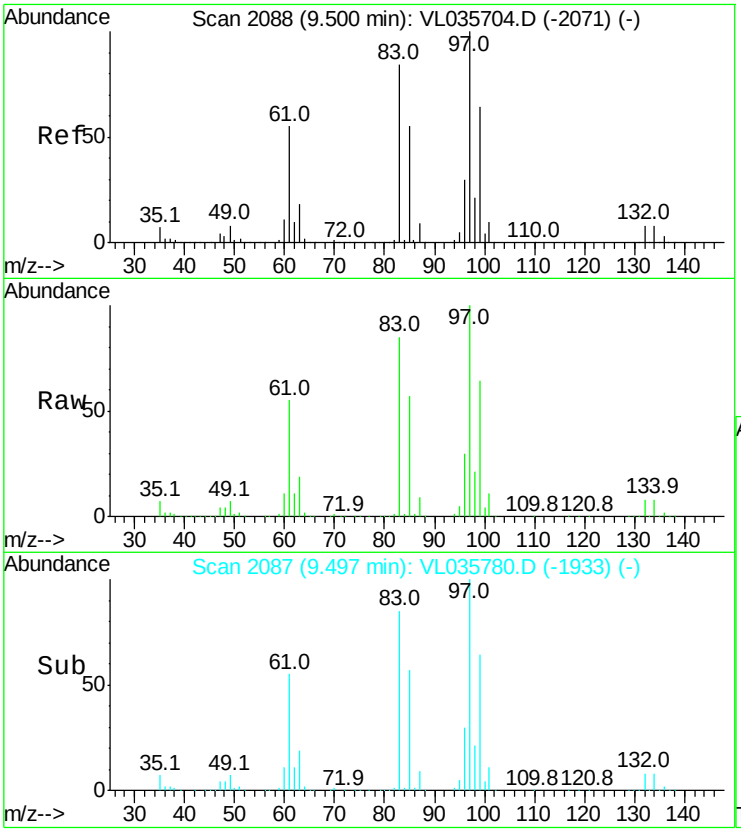


#46
cis-1,3-Dichloropropene
Concen: 12.788 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 75 Resp: 1708853

Ion	Ratio	Lower	Upper
75	100		
39	42.7	33.9	50.9
77	32.4	27.4	41.0



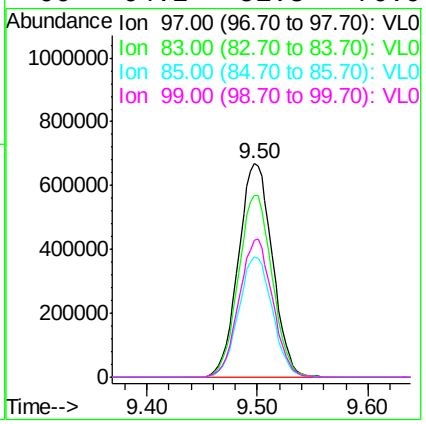


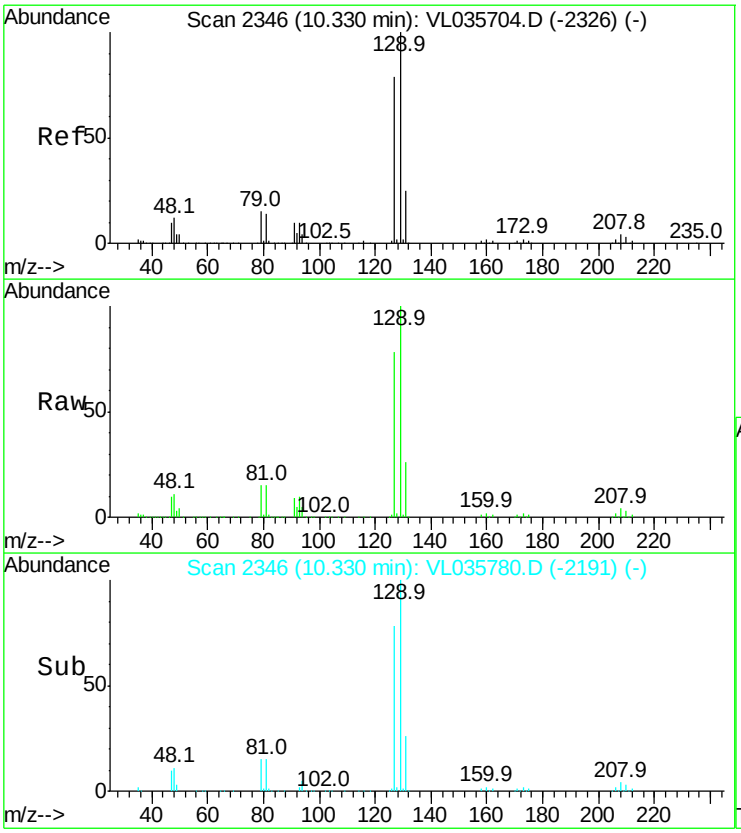
#47
1,1,2-Trichloroethane
Concen: 10.204 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 97 Resp: 1430196

Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.1	100.7
85	56.5	43.9	65.9
99	64.2	51.3	76.9

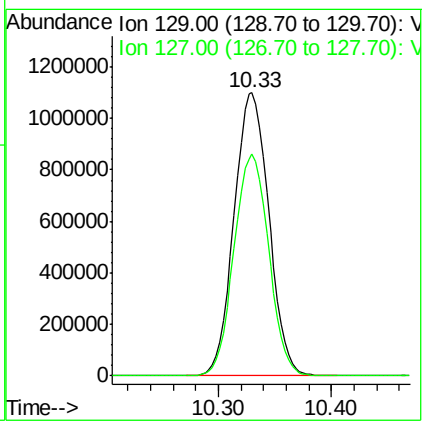


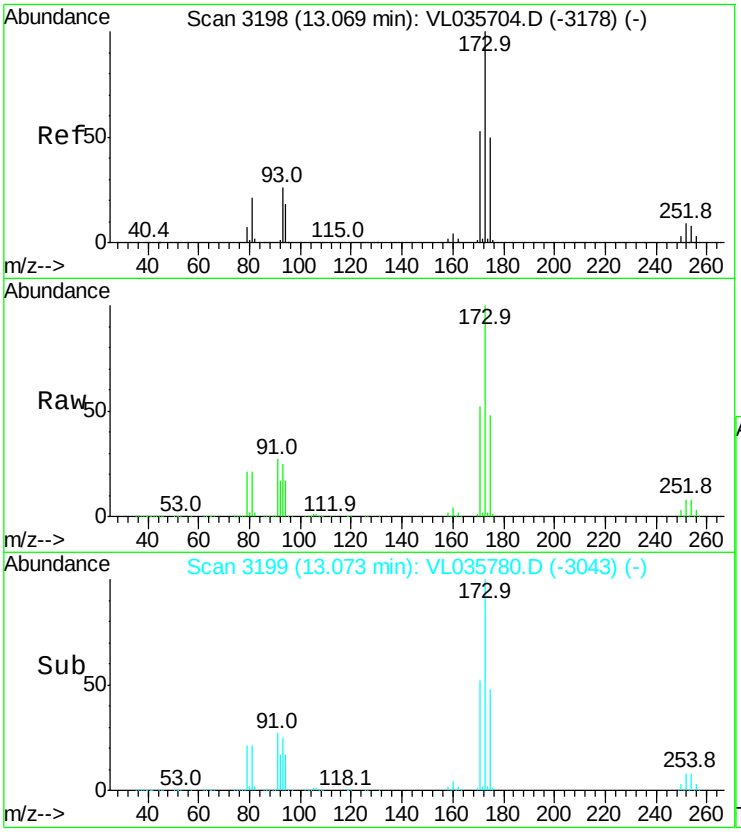


#48
Dibromochloromethane
Concen: 11.078 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:129 Resp: 2363142

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.4	118.1



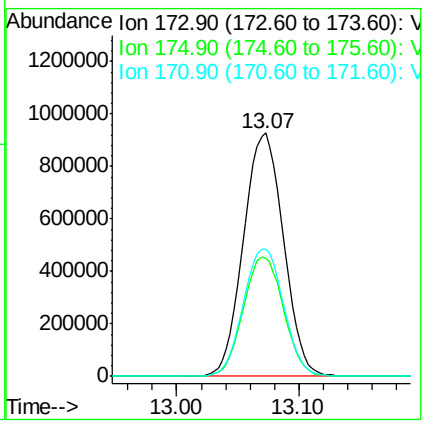


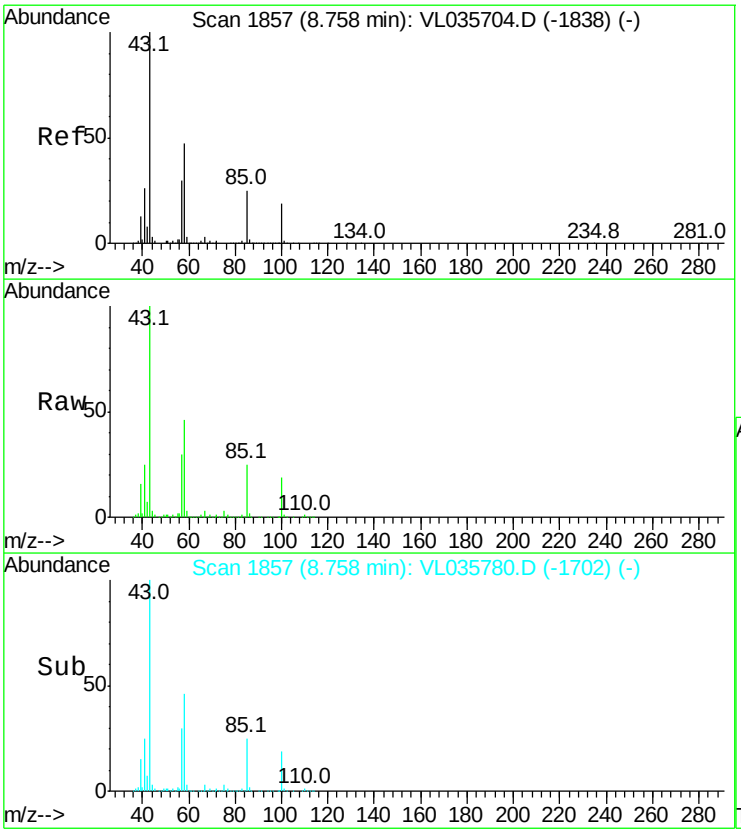
#49
Bromoform
Concen: 11.642 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 2107161

Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.8	59.6
171	52.9	42.8	64.2

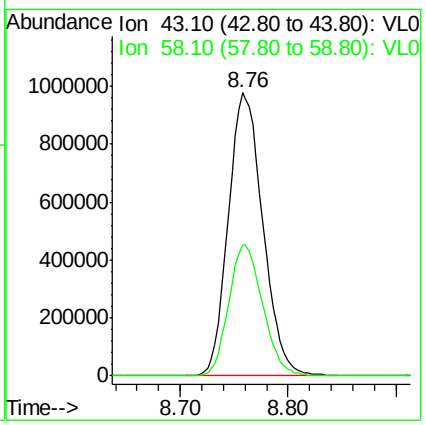


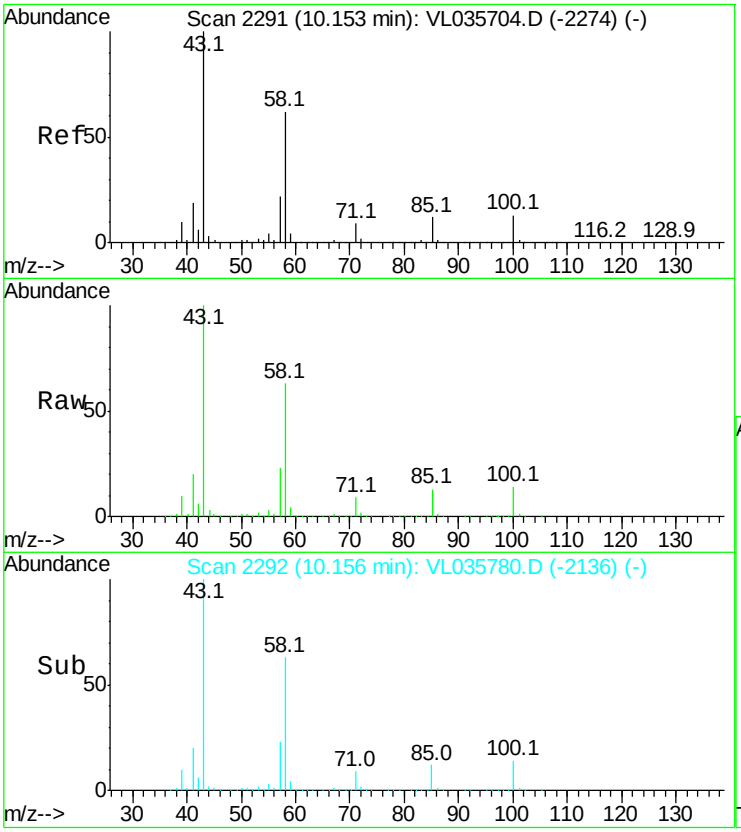


#50
4-Methyl-2-Pentanone
Concen: 10.873 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 43 Resp: 2176429

Ion	Ratio	Lower	Upper
43	100		
58	45.8	36.6	54.8



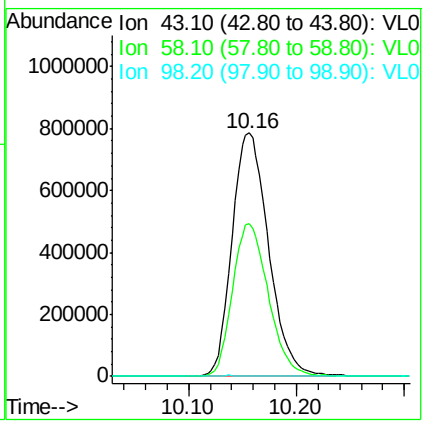


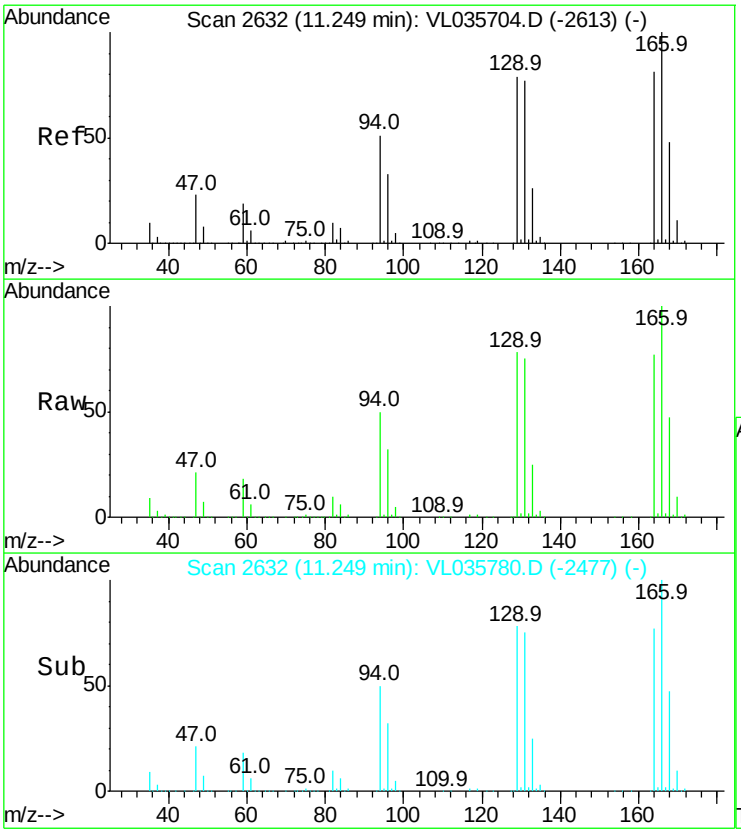
#51
2-Hexanone
Concen: 11.506 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1855590

Ion	Ratio	Lower	Upper
43	100		
58	61.5	48.7	73.1
98	0.6	0.7	1.1#

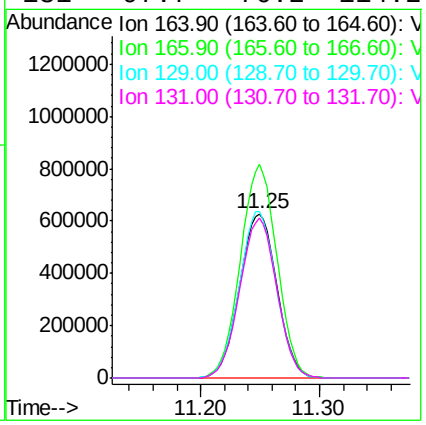


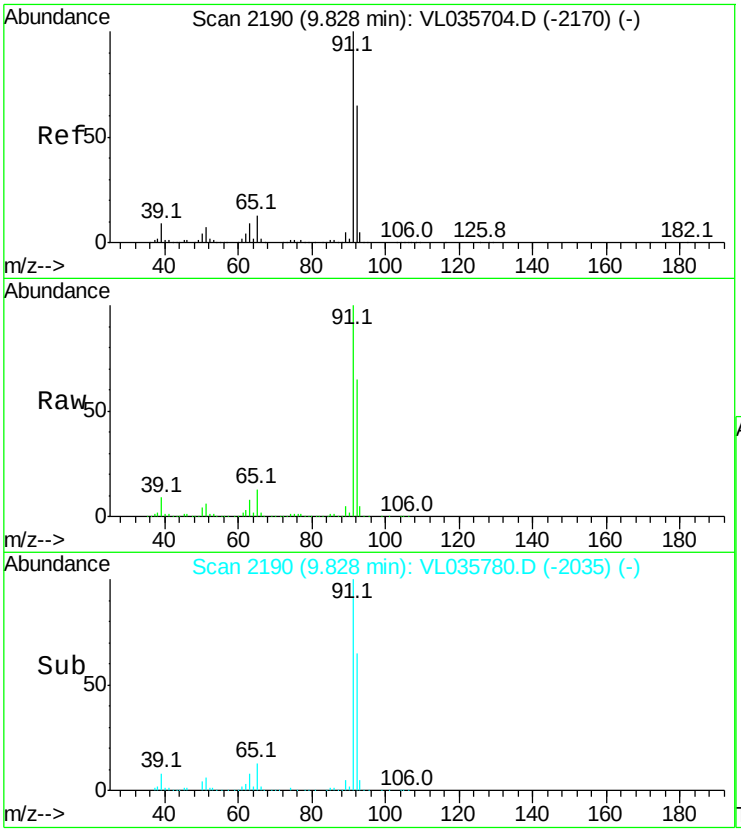


#52
Tetrachloroethene
Concen: 10.515 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:164 Resp: 1365186

Ion	Ratio	Lower	Upper
164	100		
166	130.3	98.7	148.1
129	101.2	78.4	117.6
131	97.7	76.2	114.2



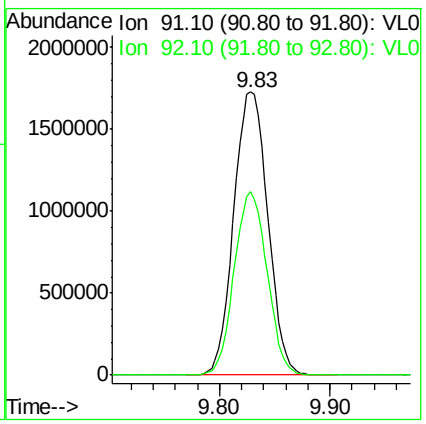


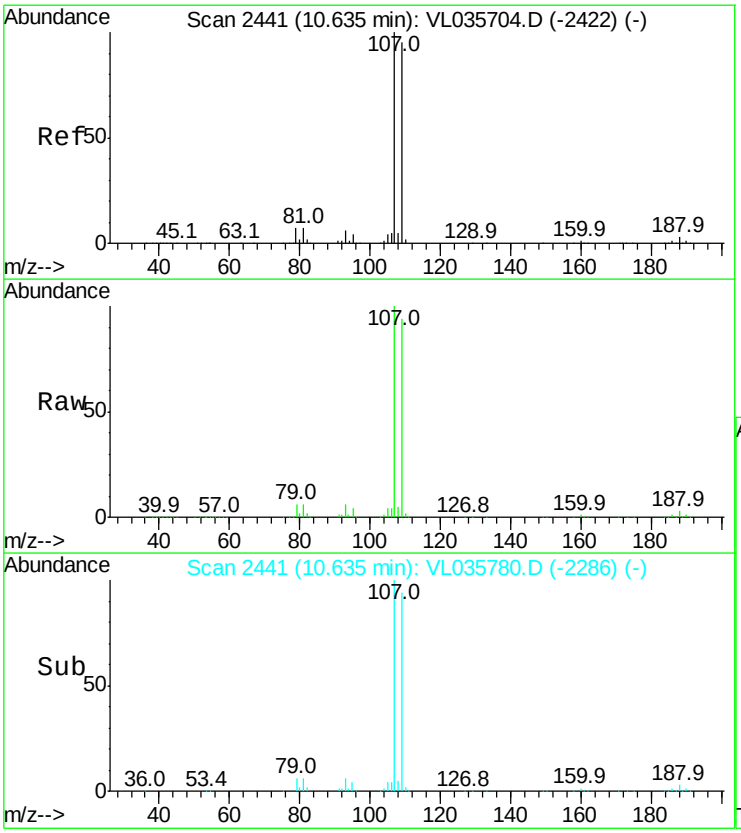
#53
Toluene
Concen: 11.608 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 3695462

Ion	Ratio	Lower	Upper
91	100		
92	62.5	50.0	75.0

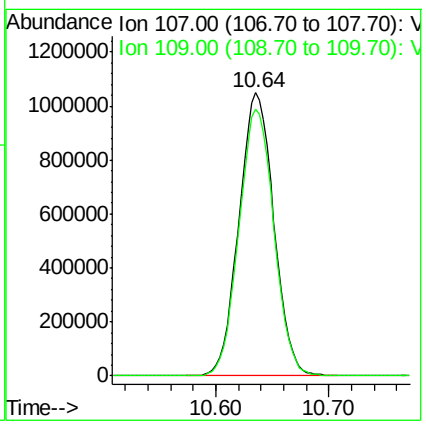


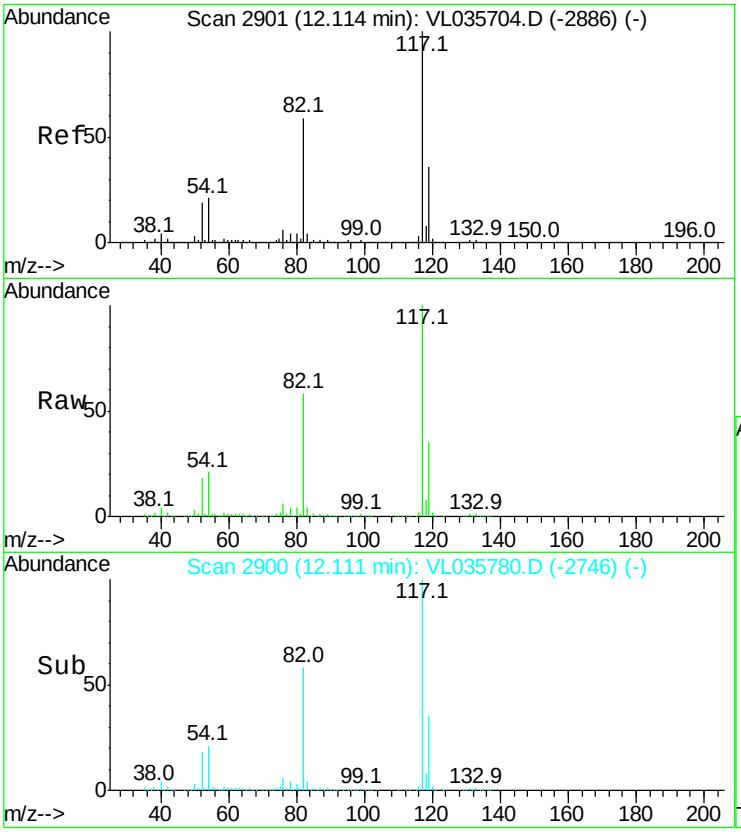


#54
1,2-Dibromoethane
Concen: 10.706 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:107 Resp: 2246936

Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.0	114.0



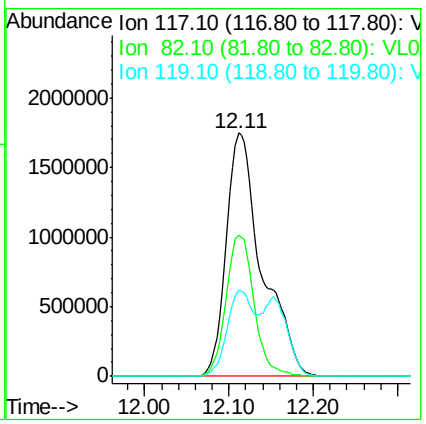


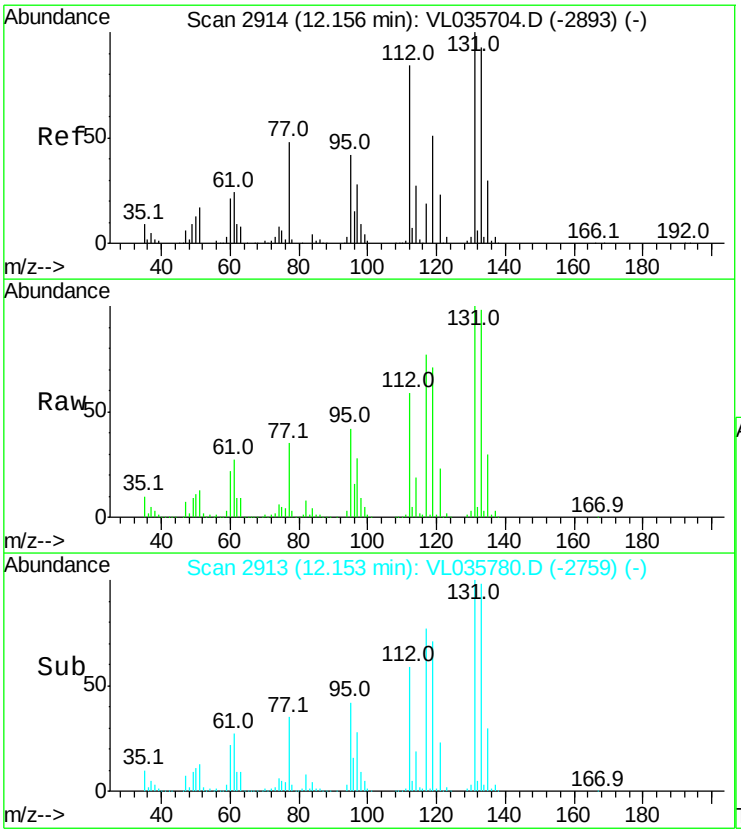
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 5163439

Ion	Ratio	Lower	Upper
117	100		
82	45.6	46.1	69.1#
119	26.2	28.0	42.0#

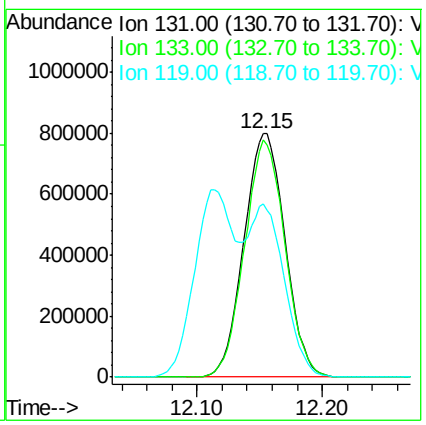


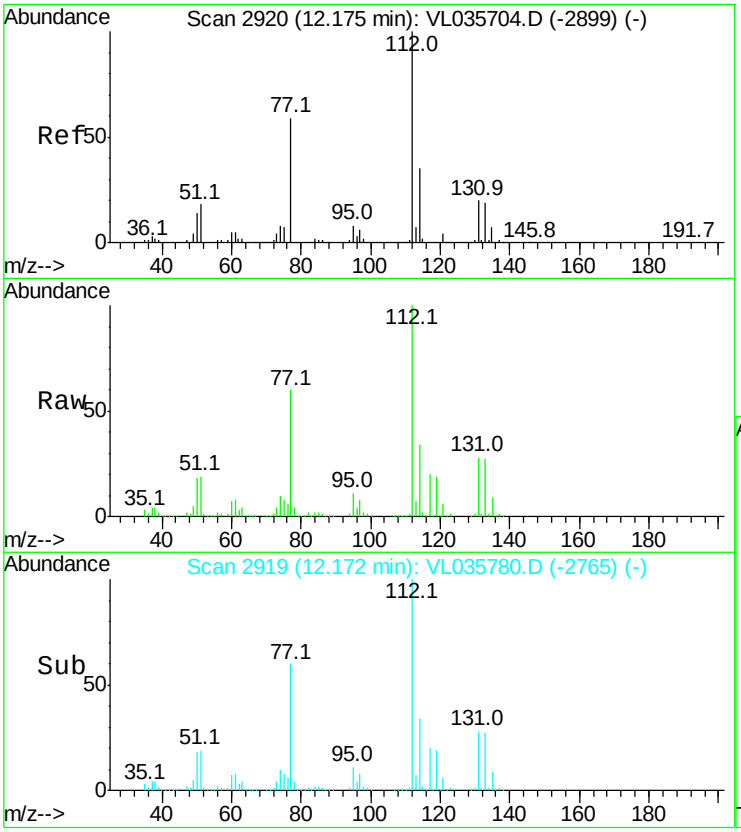


#56
1,1,1,2-Tetrachloroethane
Concen: 8.418 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:131 Resp: 1822582

Ion	Ratio	Lower	Upper
131	100		
133	95.6	76.2	114.4
119	61.0	52.4	78.6



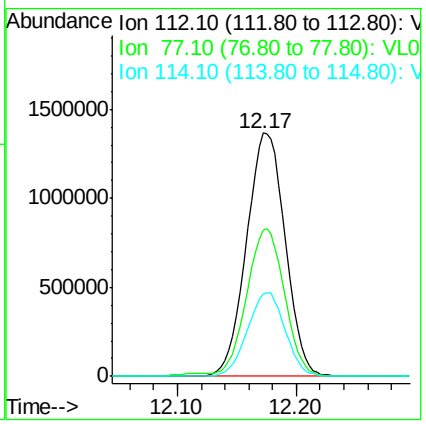


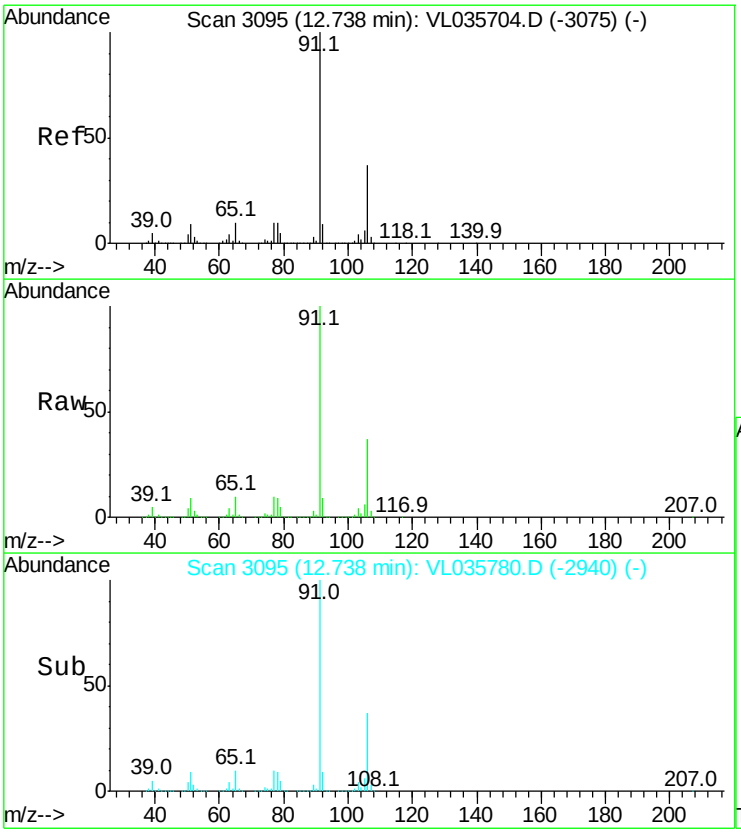
#57
Chlorobenzene
Concen: 7.864 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 3067091

Ion	Ratio	Lower	Upper
112	100		
77	59.8	48.2	72.2
114	33.9	31.9	39.1

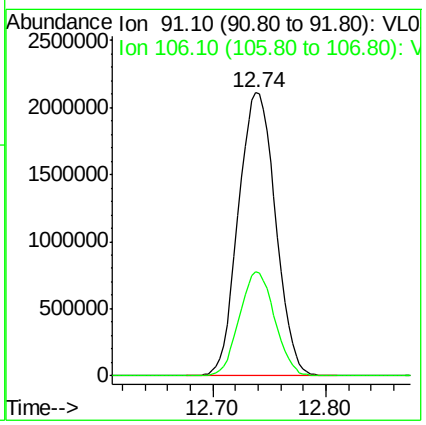


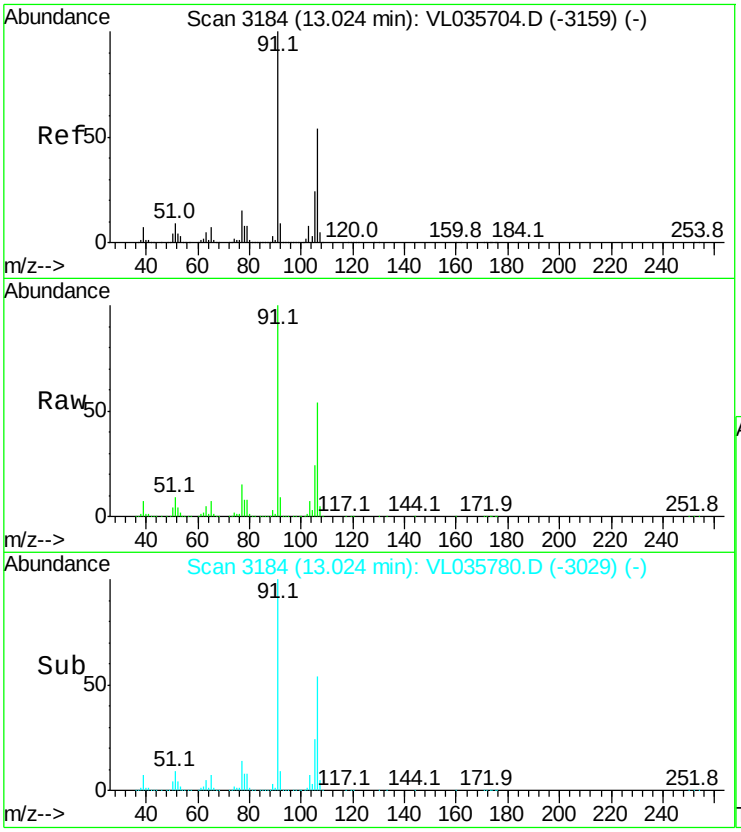


#58
Ethyl Benzene
Concen: 9.299 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 91 Resp: 4819204

Ion	Ratio	Lower	Upper
91	100		
106	36.6	29.7	44.5



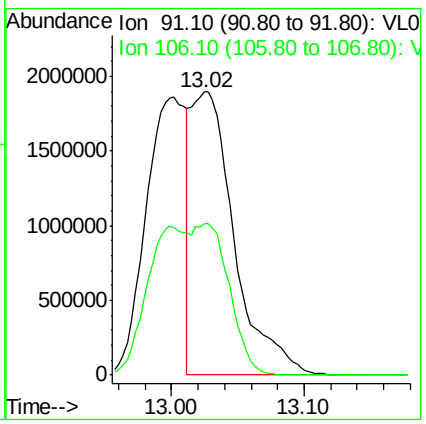


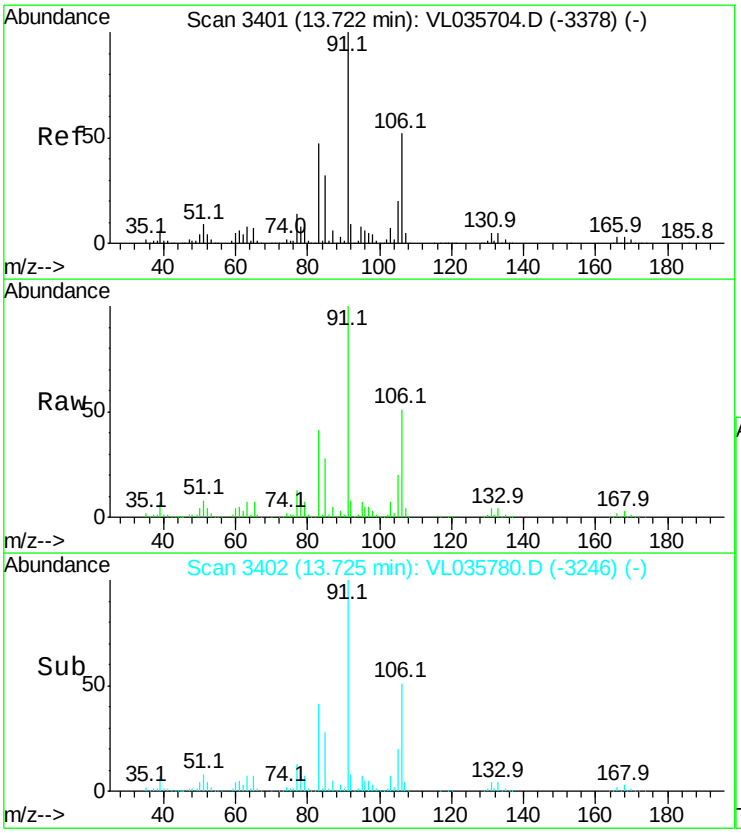
#59
m/p-Xylene
Concen: 9.413 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 4260329

Ion	Ratio	Lower	Upper
91	100		
106	95.4	41.4	62.0#

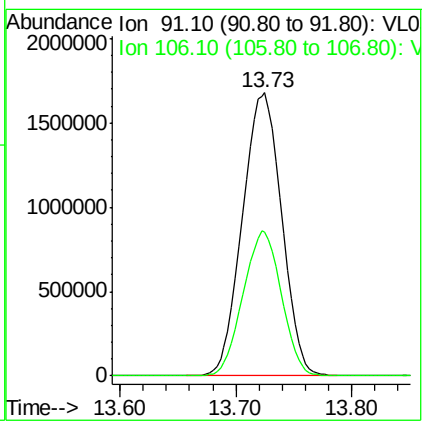


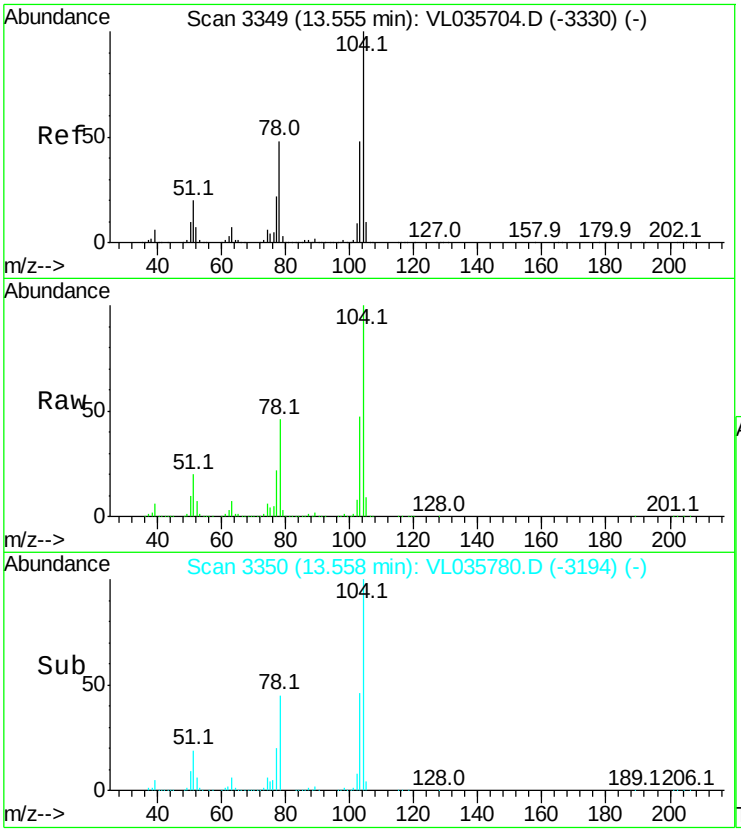


#60
o-Xylene
Concen: 8.633 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 91 Resp: 3952376

Ion	Ratio	Lower	Upper
91	100		
106	50.0	25.0	75.0



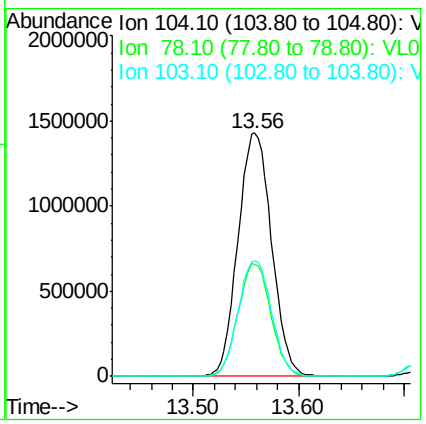


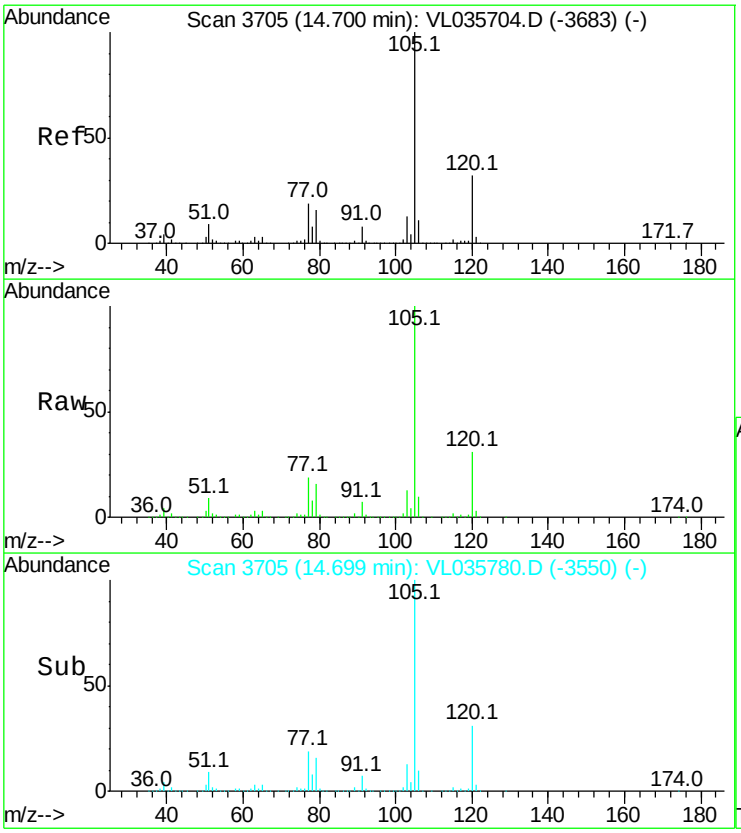
#61
Styrene
Concen: 10.030 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:104 Resp: 3175060

Ion	Ratio	Lower	Upper
104	100		
78	45.5	37.2	55.8
103	47.3	38.2	57.2

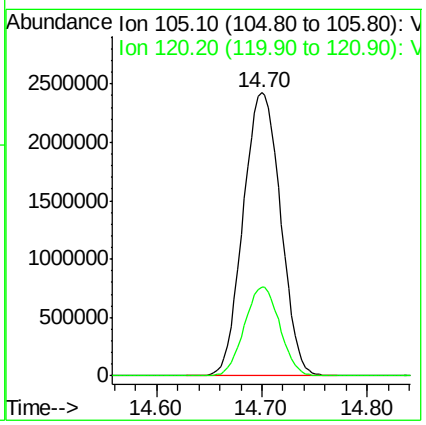


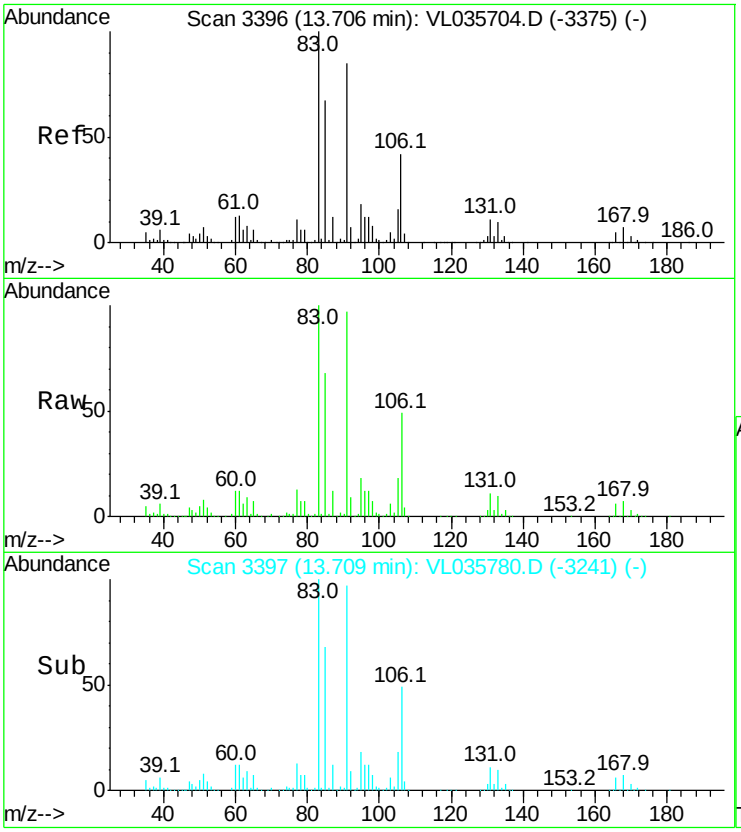


#62
Isopropylbenzene
Concen: 8.437 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:105 Resp: 5991213

Ion	Ratio	Lower	Upper
105	100		
120	29.7	24.1	36.1



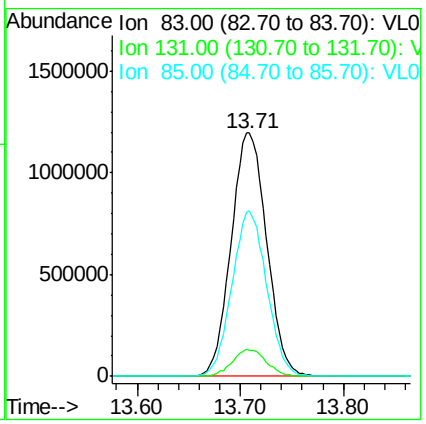


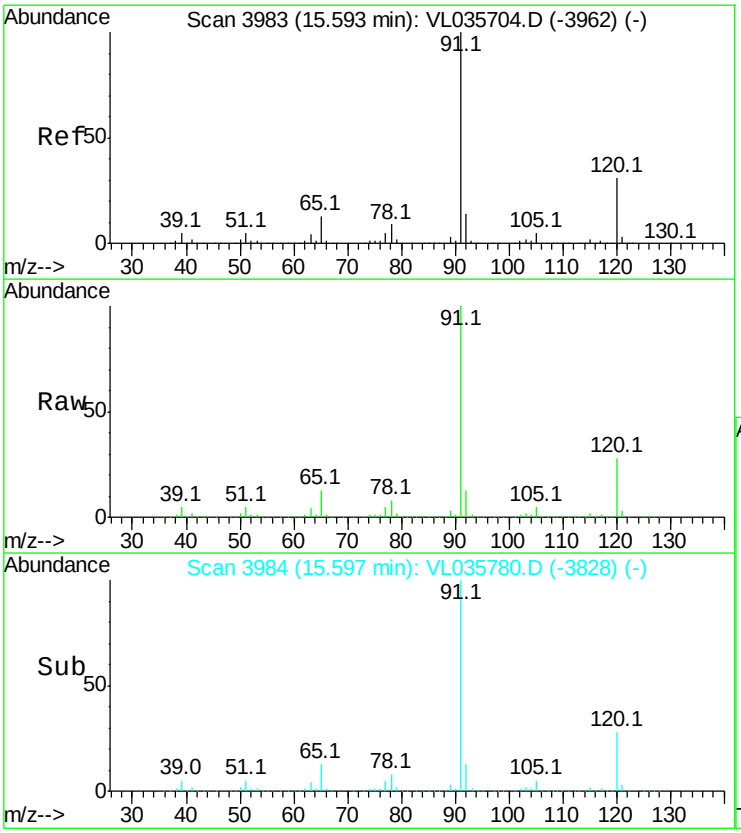
#63
1,1,2,2-Tetrachloroethane
Concen: 7.647 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2870762

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	16.1
85	66.5	33.4	100.2

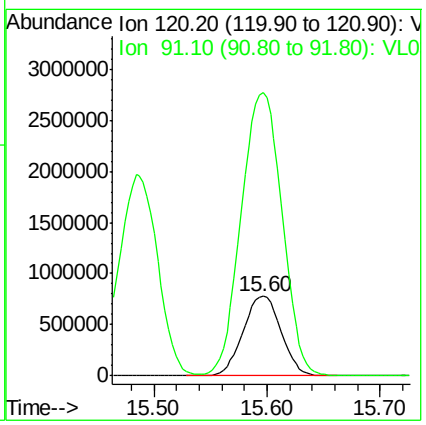


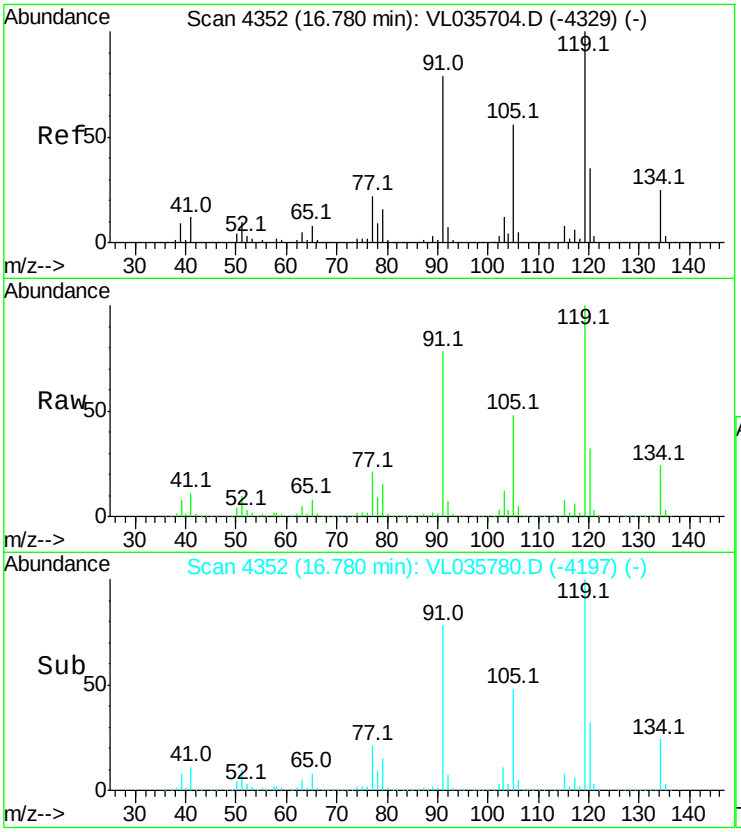


#64
n-propylbenzene
Concen: 8.816 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:120 Resp: 1832329

Ion	Ratio	Lower	Upper
120	100		
91	381.1	300.4	450.6



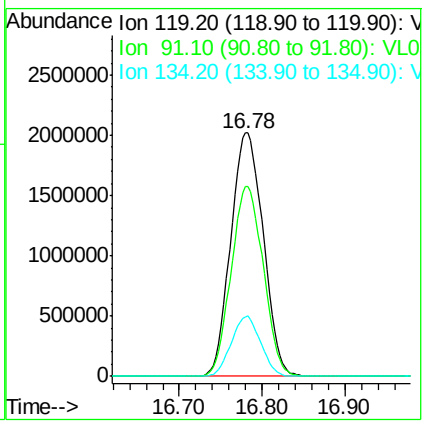


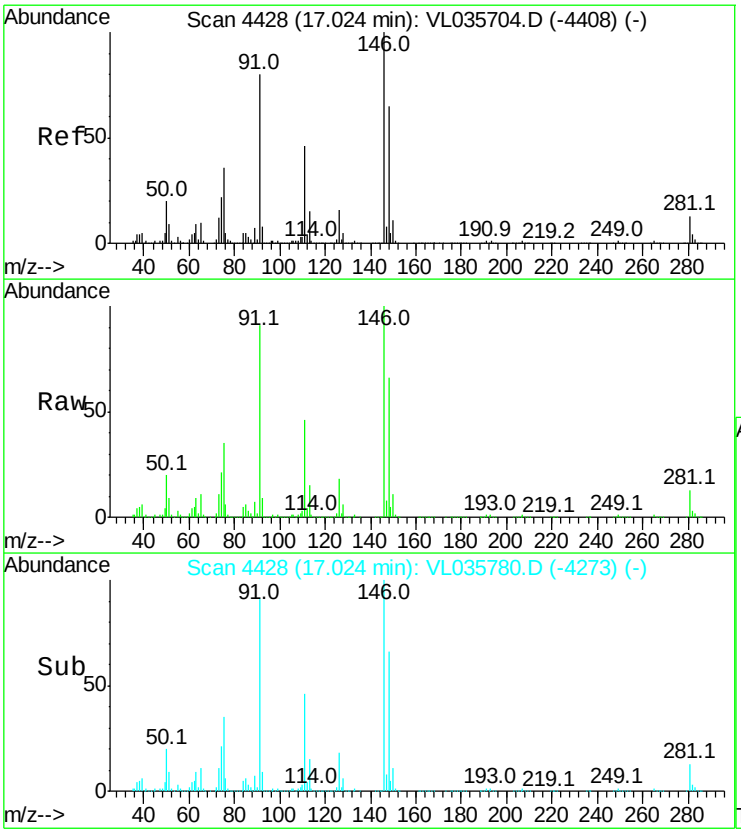
#65
tert-Butylbenzene
Concen: 8.519 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 5500295

Ion	Ratio	Lower	Upper
119	100		
91	77.0	62.4	93.6
134	22.4	18.2	27.2

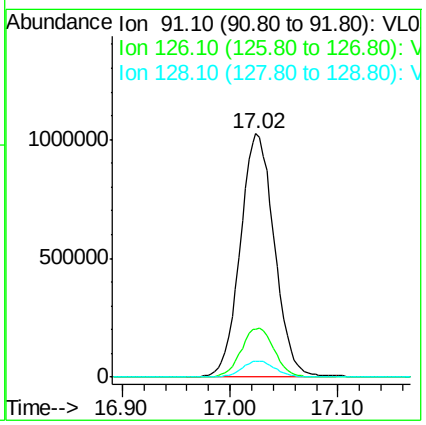


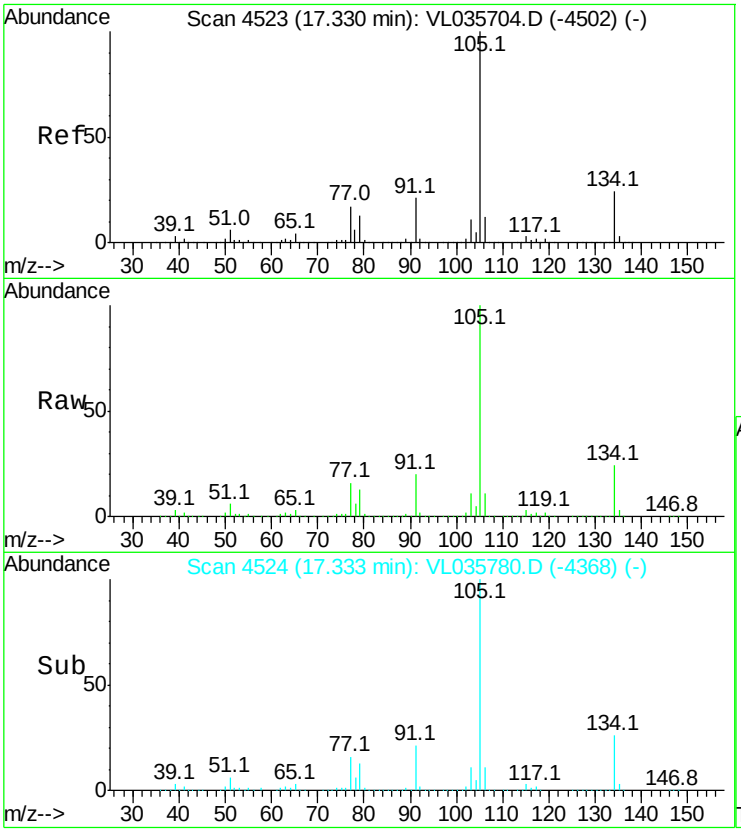


#66
Benzyl Chloride
Concen: 11.480 ppbv
RT: 17.02 min Scan# 4428
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 91 Resp: 2245666

Ion	Ratio	Lower	Upper
91	100		
126	19.8	15.3	22.9
128	6.4	5.0	7.4



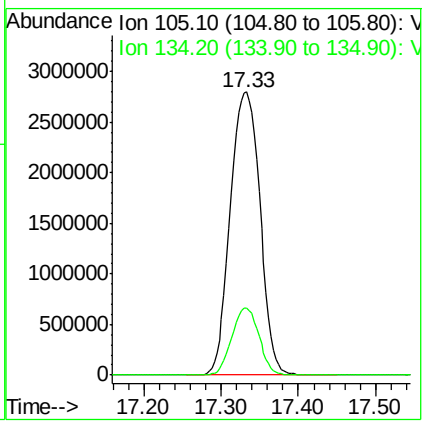


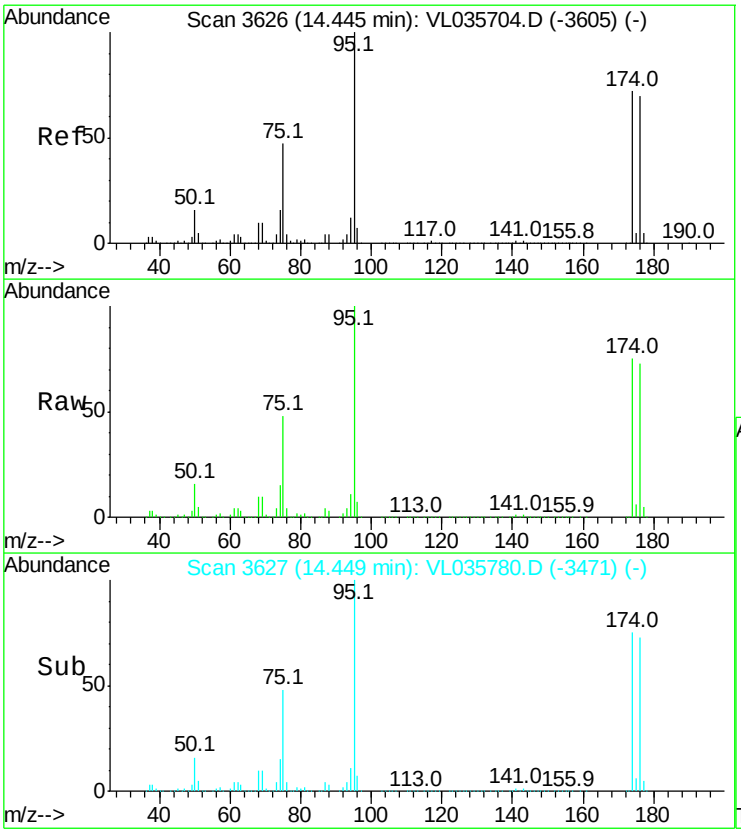
#67
sec-Butylbenzene
Concen: 8.360 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:105 Resp: 7453567

Ion	Ratio	Lower	Upper
105	100		
134	21.7	17.6	26.4

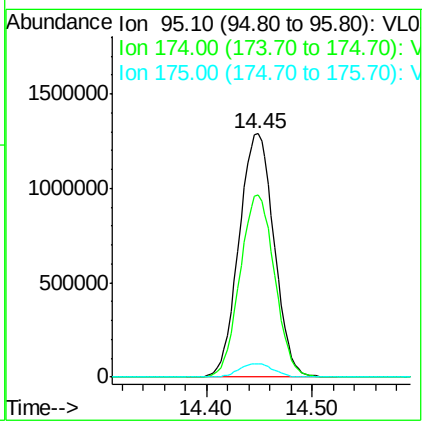


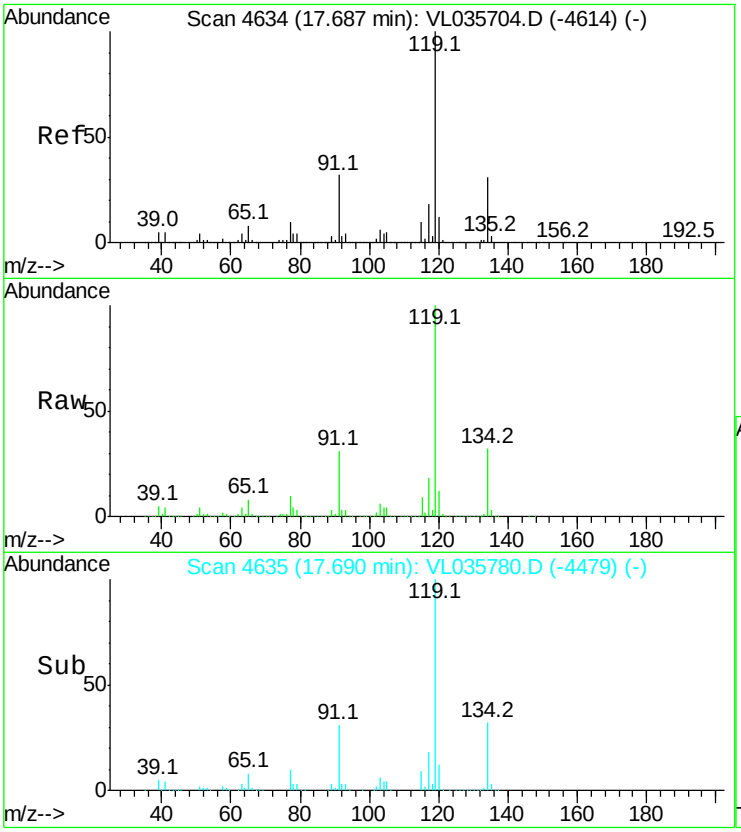


#68
1-Bromo-4-Fluorobenzene
Concen: 7.707 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 95 Resp: 2981876

Ion	Ratio	Lower	Upper
95	100		
174	74.5	59.6	89.4
175	5.4	4.2	6.4



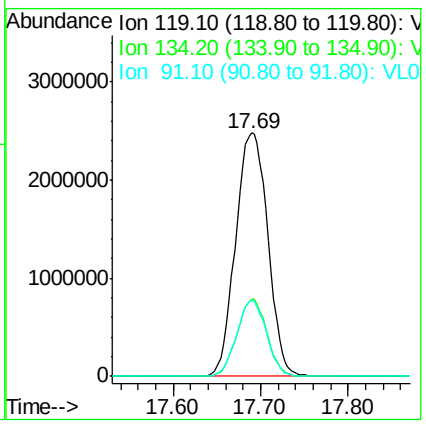


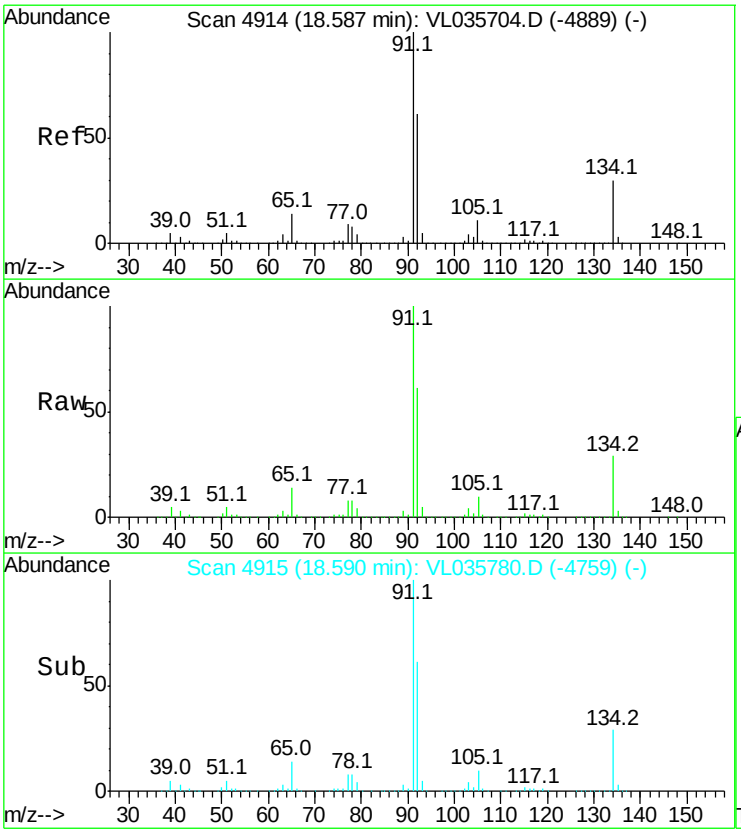
#69
p-Isopropyltoluene
Concen: 8.722 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 6326222

Ion	Ratio	Lower	Upper
119	100		
134	29.4	23.9	35.9
91	28.9	23.8	35.6

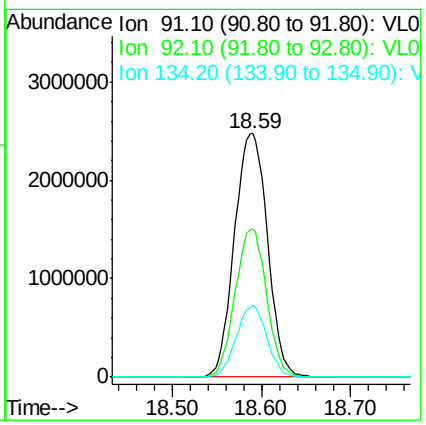


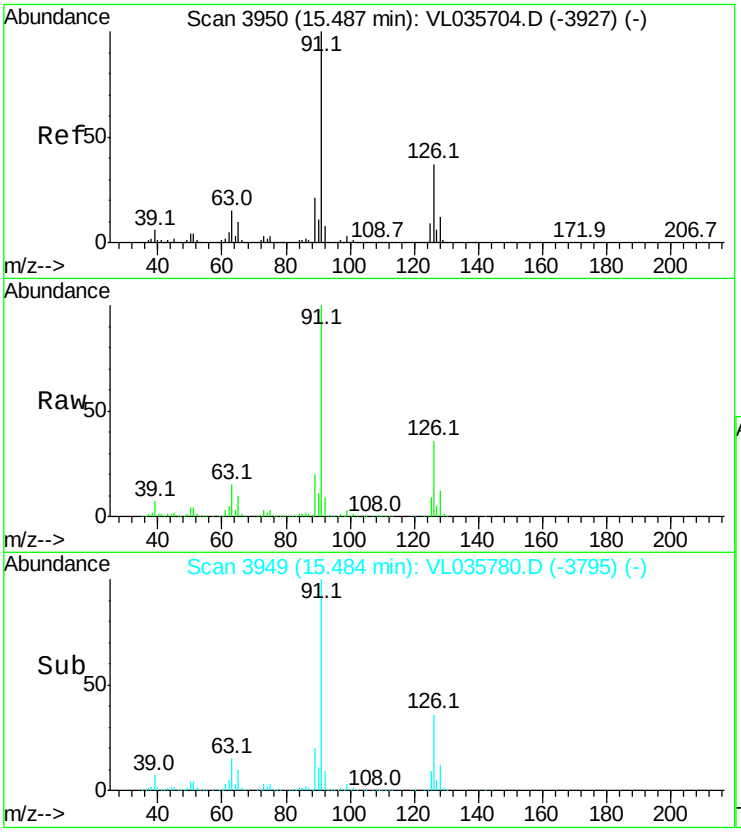


#70
n-Butylbenzene
Concen: 8.524 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion: 91 Resp: 6367076

Ion	Ratio	Lower	Upper
91	100		
92	57.9	47.0	70.4
134	27.2	21.9	32.9



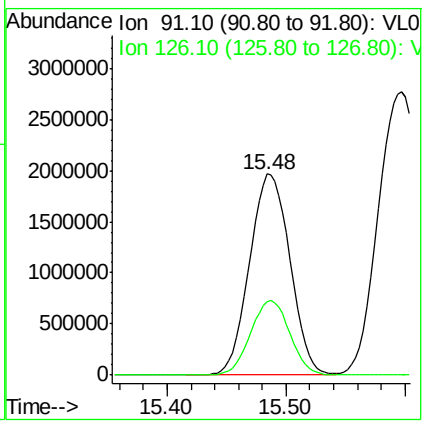


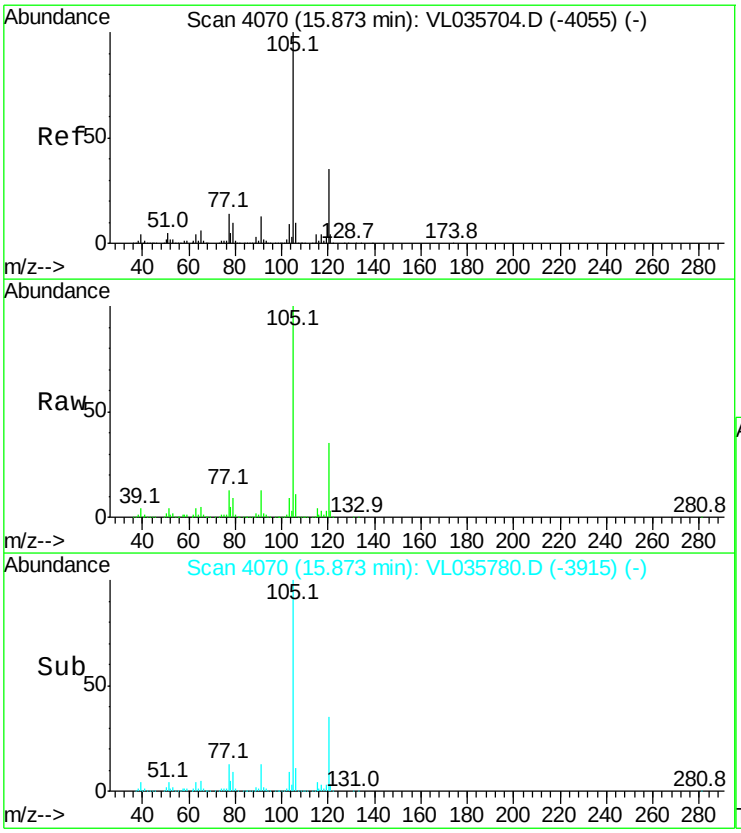
#71
2-Chlorotoluene
Concen: 8.946 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4633742

Ion	Ratio	Lower	Upper
91	100		
126	36.0	14.4	57.4

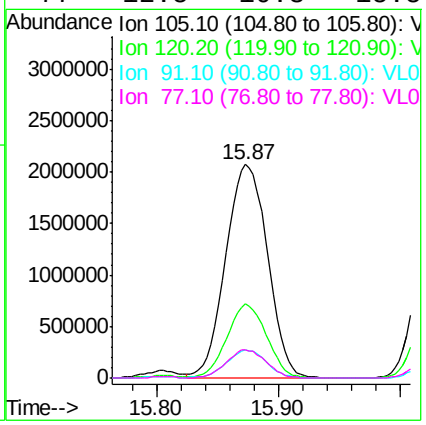


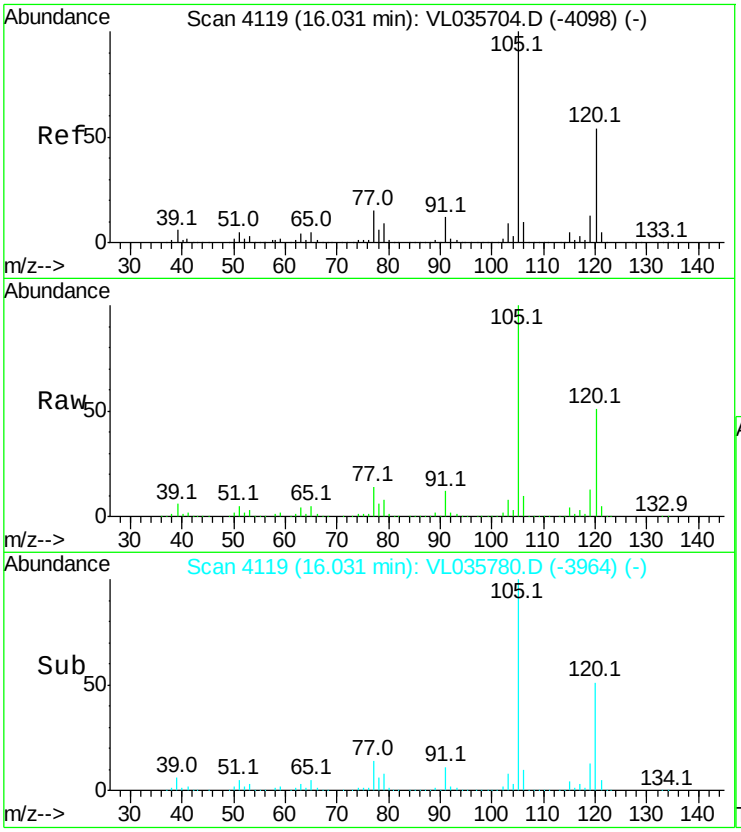


#72
4-Ethyltoluene
Concen: 9.100 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:105 Resp: 4935479

Ion	Ratio	Lower	Upper
105	100		
120	32.9	26.5	39.7
91	12.4	10.2	15.2
77	12.5	10.3	15.5



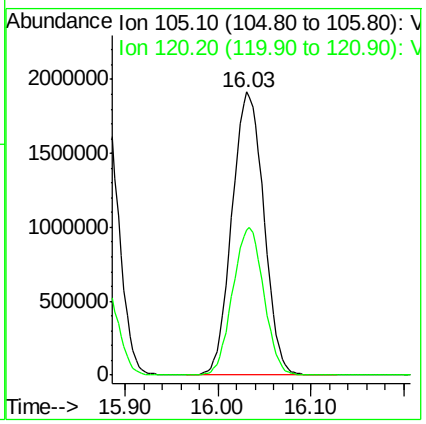


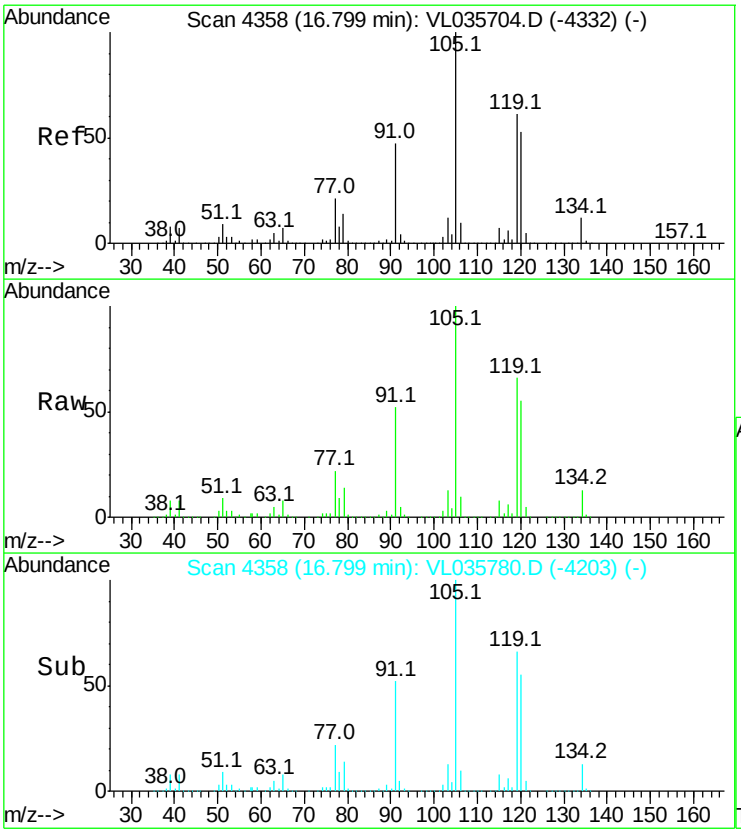
#73
1,3,5-Trimethylbenzene
Concen: 8.880 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 4551083

Ion	Ratio	Lower	Upper
105	100		
120	51.4	43.0	64.4

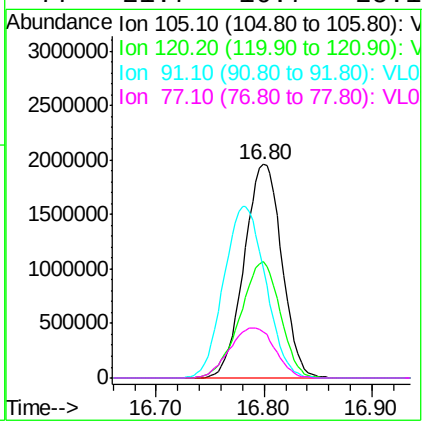


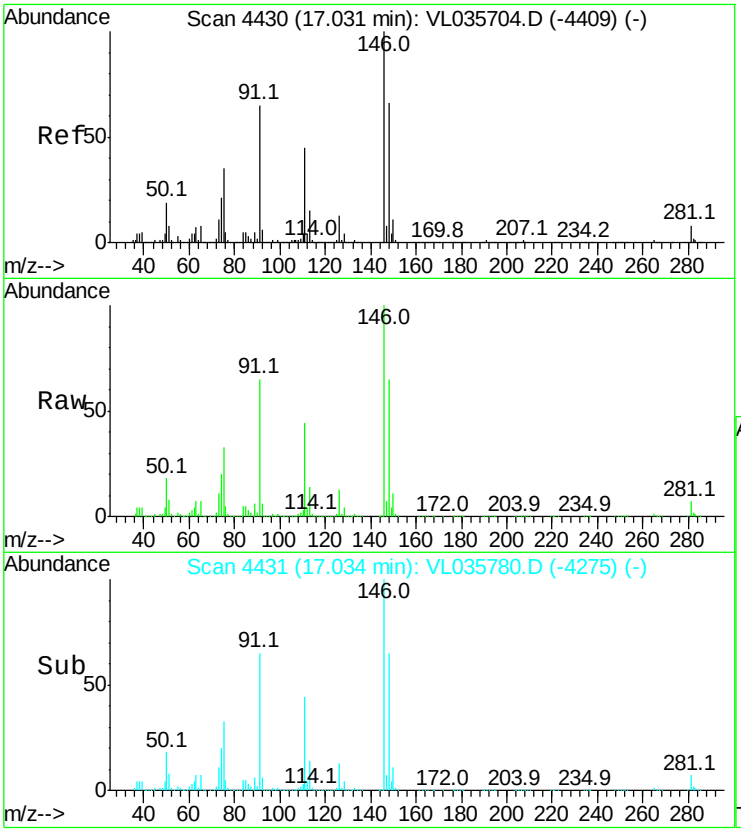


#74
1,2,4-Trimethylbenzene
Concen: 8.222 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:105 Resp: 4750044

Ion	Ratio	Lower	Upper
105	100		
120	54.4	42.5	63.7
91	51.5	37.7	56.5
77	21.7	16.7	25.1



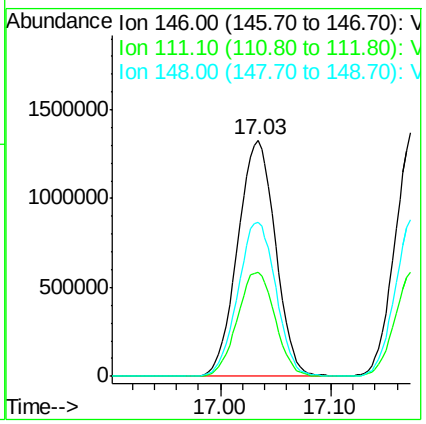


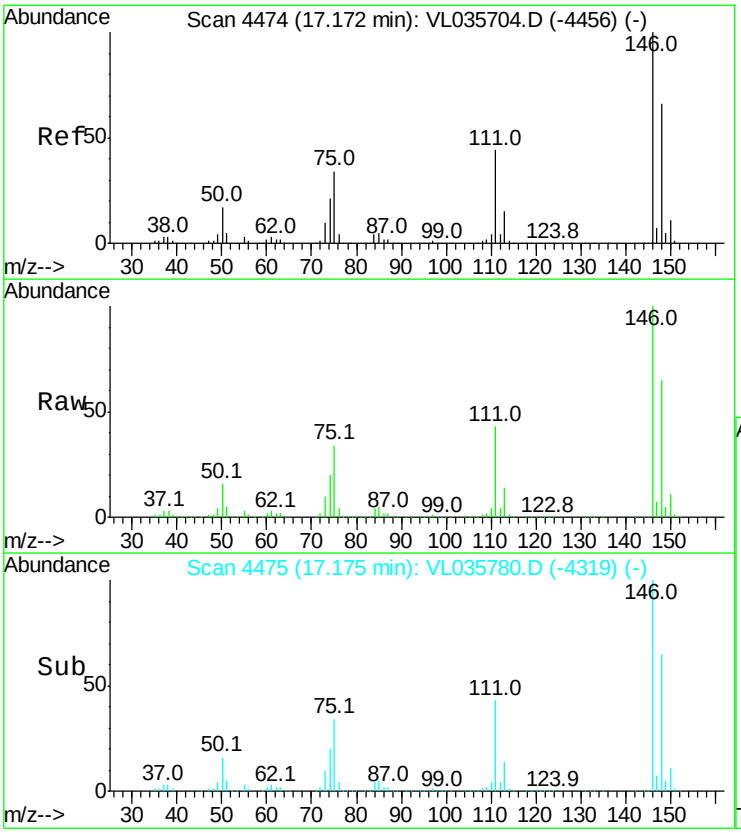
#75
1,3-Dichlorobenzene
Concen: 8.010 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 3159668

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.4	67.0
148	65.5	33.0	99.0

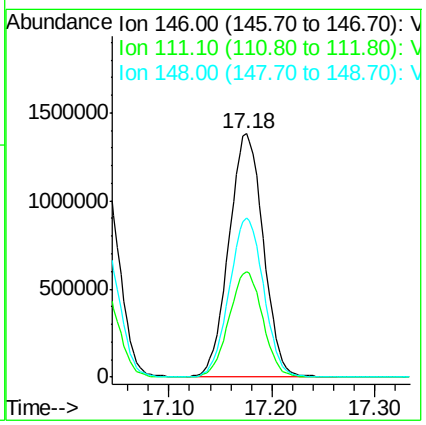


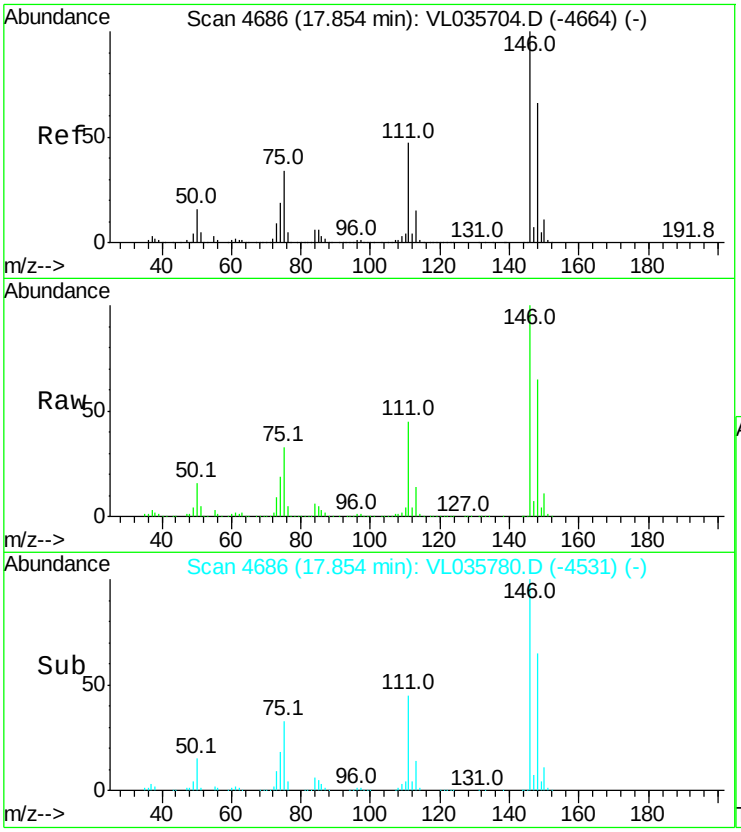


#76
1,4-Dichlorobenzene
Concen: 8.503 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:146 Resp: 3205971

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	65.3	32.6	98.0



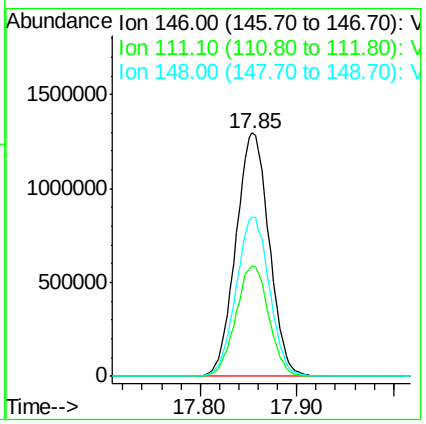


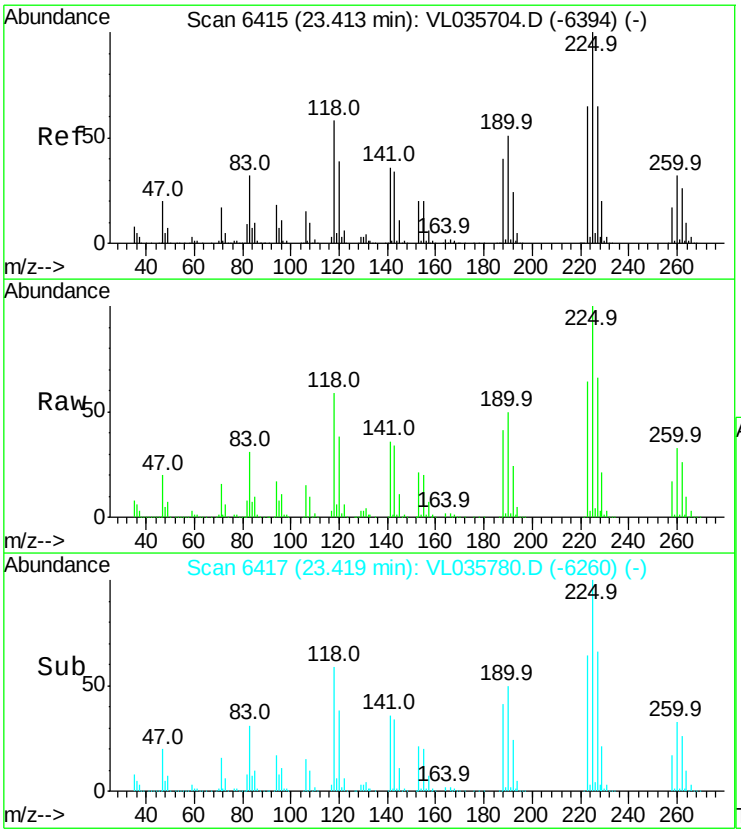
#77
1,2-Dichlorobenzene
Concen: 8.317 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 3098688

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.9	68.5
148	65.3	32.6	98.0

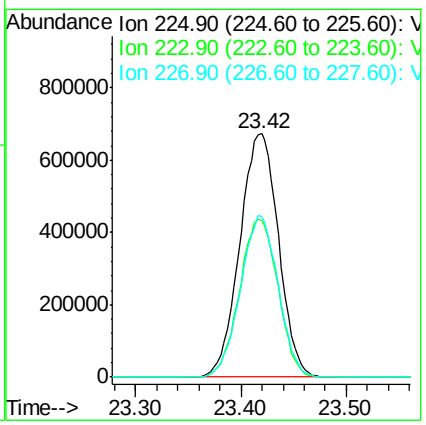


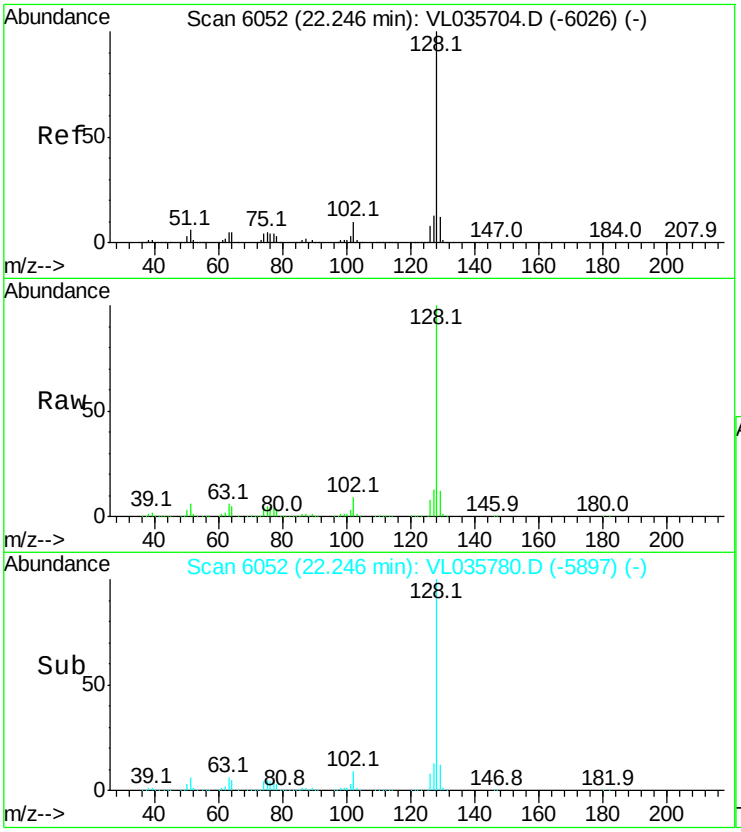


#78
Hexachloro-1,3-Butadiene
Concen: 8.351 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. 0.01 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:225 Resp: 1716573

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.3	76.9
227	64.6	51.6	77.4



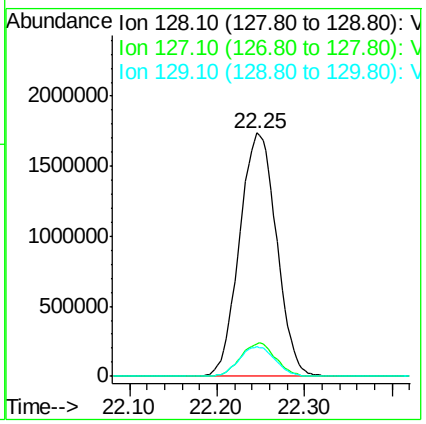


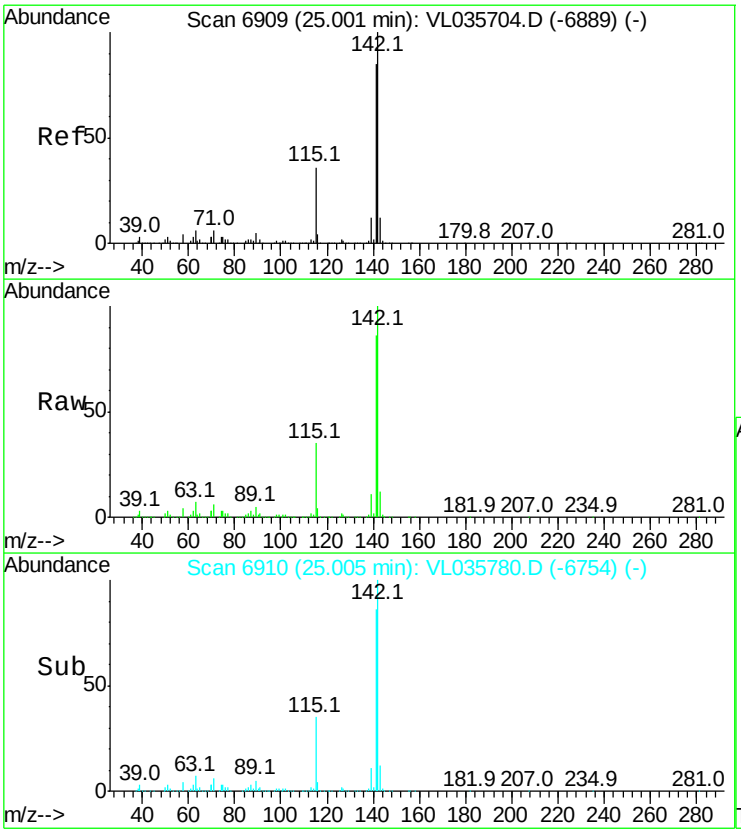
#79
Naphthalene
Concen: 9.247 ppbv
RT: 22.25 min Scan# 6052
Delta R.T. -0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 5095675

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	12.2	9.4	14.0

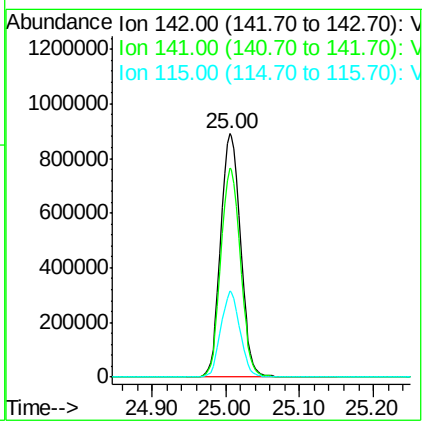


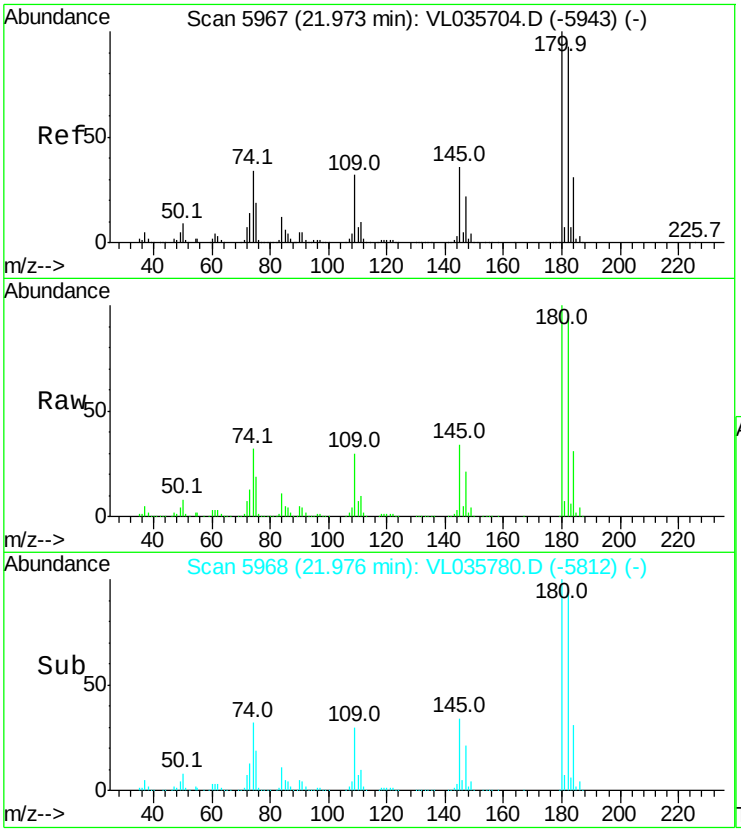


#80
Naphthalene,2-methyl-
Concen: 12.899 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Tgt Ion:142 Resp: 1676509

Ion	Ratio	Lower	Upper
142	100		
141	85.0	68.2	102.4
115	34.0	27.8	41.6





#81
1,2,4-Trichlorobenzene
Concen: 8.971 ppbv
RT: 21.98 min Scan# 5968
Delta R.T. 0.00 min
Lab File: VL035780.D
Acq: 13 Oct 2020 7:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 2561852

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.2
184	31.1	24.6	37.0