Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

Quantitation Report (Not Reviewed)

Data File : VL036046.D
Acq On : 3 Dec 2020 9:48
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Dec 03 11:58:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1182230	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4228211	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	5193408	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	3231965	8.76	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 87.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	2082432	9.356	ppbv	99
3) Chlorodifluoromethane	2.97	51	1306215	9.226	ppbv	100
4) Chloromethane	3.12	50	638096	9.278	ppbv	99
5) Vinyl Chloride	3.24	62	817326	9.322	ppbv	100
6) Bromomethane	3.46	94	670191	9.505	ppbv	100
7) Chloroethane	3.54	64	302062	9.789	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	2367162	9.293	ppbv	94
9) Propene	2.99	41	485489	9.369	ppbv	99
10) Heptane	8.11	43	1461925	10.214	ppbv	99
11) Trichlorofluoromethane	3.93	101	2687474	9.616	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	2023583	9.725	ppbv	96
13) Ethanol	3.59	45	81586	7.257	ppbv	100
14) Bromoethene	3.72	108	853870	8.916	ppbv	100
15) Acetone	3.84	43	1100088	8.704	ppbv	99
16) 1,3-Butadiene	3.31	39	528903	9.720	ppbv	99
17) tert-Butyl alcohol	4.28	59	1369353	8.175	ppbv	99
18) 1,1-Dichloroethene	4.27	96	914068	9.567	ppbv	94
19) Isopropyl Alcohol	3.95	45	604263	7.780	ppbv #	97
20) Methylene Chloride	4.33	84	766257	8.612	ppbv	99
21) Allyl Chloride	4.39	41	670312	9.807	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	940711	9.713	ppbv	96
23) Vinyl Acetate	5.06	43	1522040	8.591	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1589866	9.419	ppbv	100
25) Ethyl Acetate	5.66	43	2431318	9.765	ppbv	99
26) Hexane	5.67	57	1282807	9.342	ppbv	97
27) Carbon Disulfide	4.53	76	2066867	10.045	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1991232	8.075	ppbv	99
29) Chloroform	5.74	83	2448996	9.074	ppbv	95
30) Cyclohexane	7.11	84	1302162	8.707	ppbv	95
31) cis-1,2-Dichloroethene	5.53	61	1265000	8.955	ppbv	95
32) 1,1,1-Trichloroethane	6.50	97	2298622	8.161	ppbv	98
34) 2-Butanone	5.23	43	1489936	10.858	ppbv	96
35) Carbon Tetrachloride	7.00	117	2313639	10.241	ppbv	99
36) Benzene	6.88	78	3044457	9.685	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1519736	10.672	ppbv	98
38) Trichloroethene	7.82	130	1412111	9.197	ppbv	96
39) 1,2-Dichloropropane	7.60	63	1089219	10.292	ppbv	98
40) 1,4-Dioxane	7.82	88	407430	8.123	ppbv #	42
41) Tetrahydrofuran	6.03	42	844990	10.839	ppbv	96
42) Bromodichloromethane	7.78	83	2510776	10.449	ppbv	99
43) Methyl Methacrylate	8.00	69	1247742	10.407	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

Quantitation Report (Not Reviewed)

Data File : VL036046.D
Acq On : 3 Dec 2020 9:48
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Dec 03 11:58:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	4405180	10.590	ppbv		98
45) t-1,3-Dichloropropene	9.27	75	1291301	10.159	ppbv		99
46) cis-1,3-Dichloropropene	8.69	75	1637814	10.175	ppbv		98
47) 1,1,2-Trichloroethane	9.46	97	1424337	9.877	ppbv		96
48) Dibromochloromethane	10.29	129	2242006	10.177	ppbv		100
49) Bromoform	13.03	173	1756481	9.449	ppbv		99
50) 4-Methyl-2-Pentanone	8.73	43	2427559	11.569	ppbv		97
51) 2-Hexanone	10.12	43	1924183	11.415	ppbv	#	96
52) Tetrachloroethene	11.21	164	1231676	8.271	ppbv		97
53) Toluene	9.79	91	3689269	9.727	ppbv		99
54) 1,2-Dibromoethane	10.60	107	2115509	9.646	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1751730	7.515	ppbv		98
57) Chlorobenzene	12.13	112	2958144	7.164	ppbv		98
58) Ethyl Benzene	12.70	91	4726124	7.472	ppbv		97
59) m/p-Xylene	12.98	91	4340151	8.110	ppbv	#	39
60) o-Xylene	13.68	91	3998198	7.680	ppbv		98
61) Styrene	13.52	104	2756287	7.226	ppbv		99
62) Isopropylbenzene	14.66	105	5816678	7.109	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2853299	7.074	ppbv		99
64) n-propylbenzene	15.55	120	1649299	6.974	ppbv		89
65) tert-Butylbenzene	16.73	119	5032344	6.757	ppbv		98
66) Benzyl Chloride	16.98	91	1434006	5.825	ppbv		96
67) sec-Butylbenzene	17.28	105	6802675	6.778	ppbv		97
69) p-Isopropyltoluene	17.64	119	5433942	6.561	ppbv		99
70) n-Butylbenzene	18.54	91	5349111	6.706	ppbv		98
71) 2-Chlorotoluene	15.44	91	4277490	7.147	ppbv		96
72) 4-Ethyltoluene	15.83	105	4491991	7.115	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	4112510	7.117	ppbv		97
74) 1,2,4-Trimethylbenzene	16.75	105	4315639	6.971	ppbv		97
75) 1,3-Dichlorobenzene	16.99	146	2496003	6.332	ppbv		98
76) 1,4-Dichlorobenzene	17.13	146	2400897	6.313	ppbv		99
77) 1,2-Dichlorobenzene	17.81	146	2291244	5.962	ppbv		98
78) Hexachloro-1,3-Butadiene	23.37	225	1235236	6.889	ppbv		100
79) Naphthalene	22.18	128	2638832	6.114	ppbv		100
80) Naphthalene,2-methyl-	24.97	142	695211	9.884	ppbv		99
81) 1,2,4-Trichlorobenzene	21.91	180	1556756	6.456	ppbv		99

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

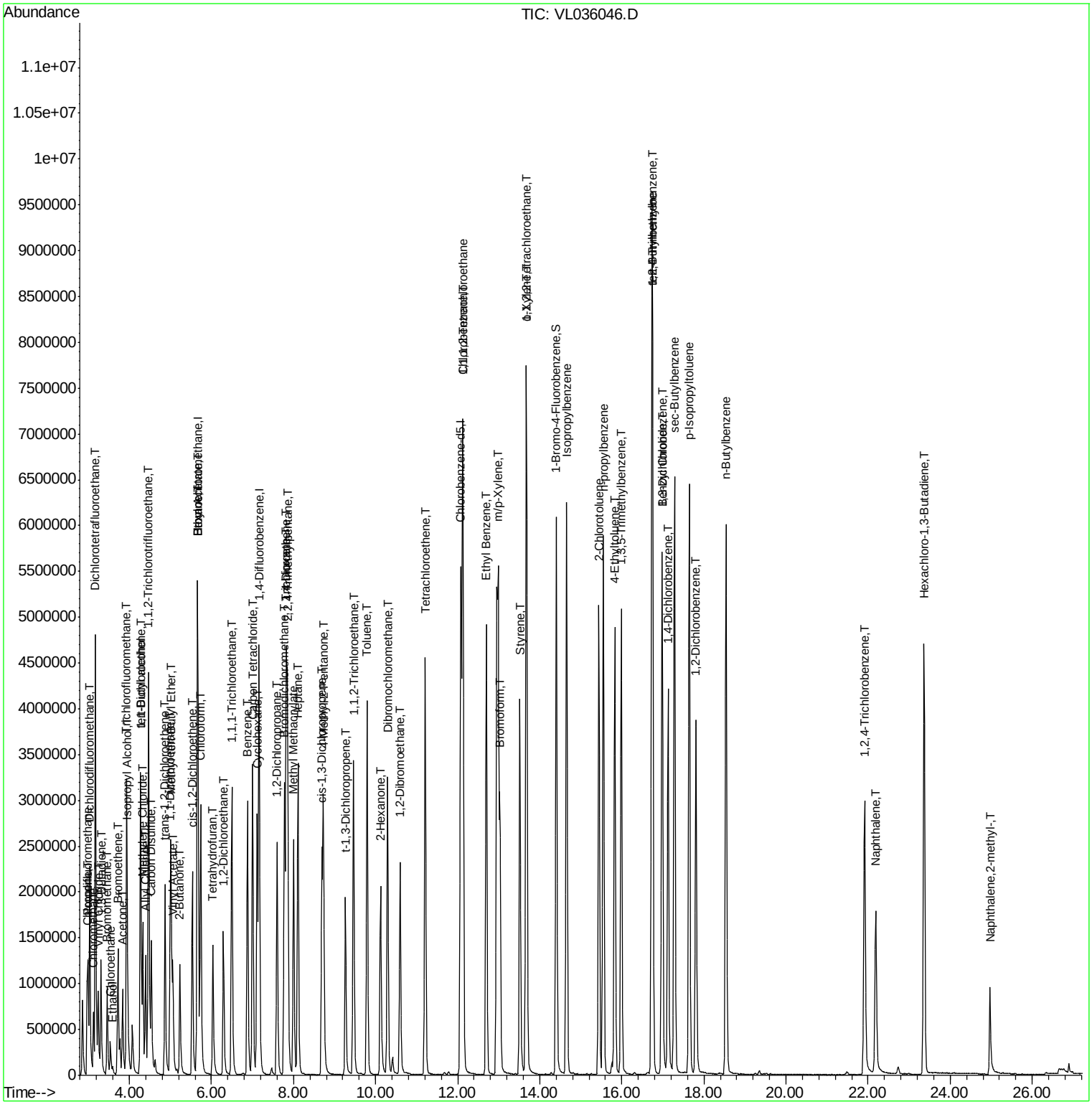
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

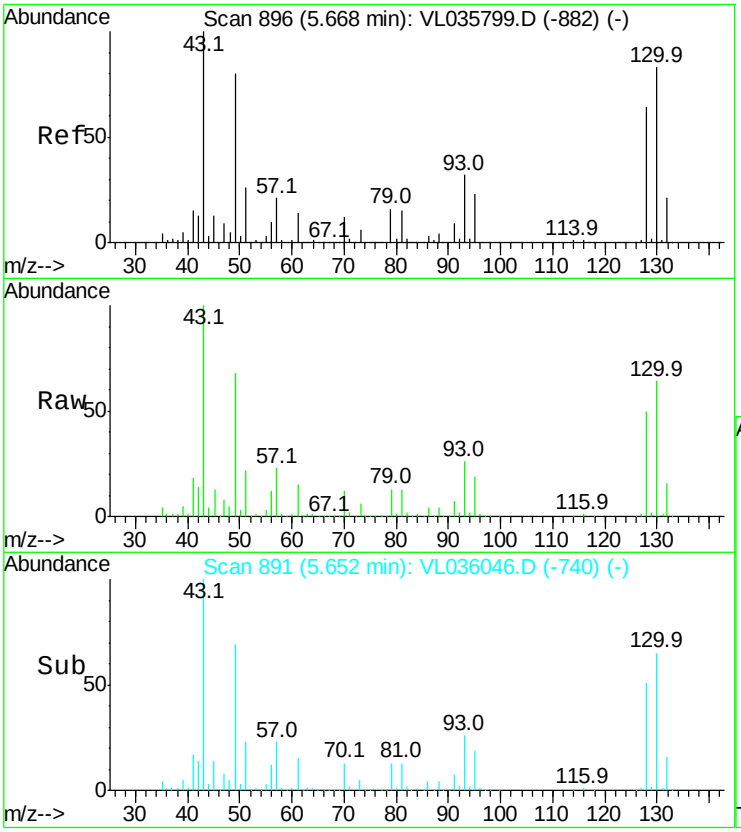
Quantitation Report (Not Reviewed)

Data File : VL036046.D
Acq On : 3 Dec 2020 9:48
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Dec 03 11:58:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



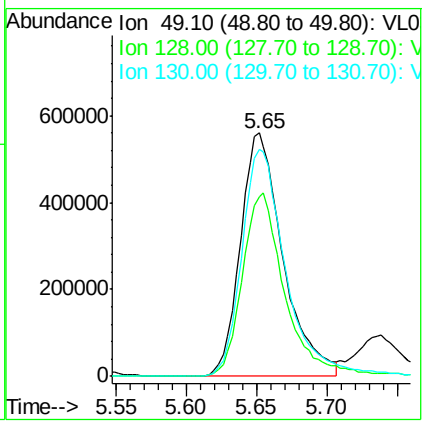


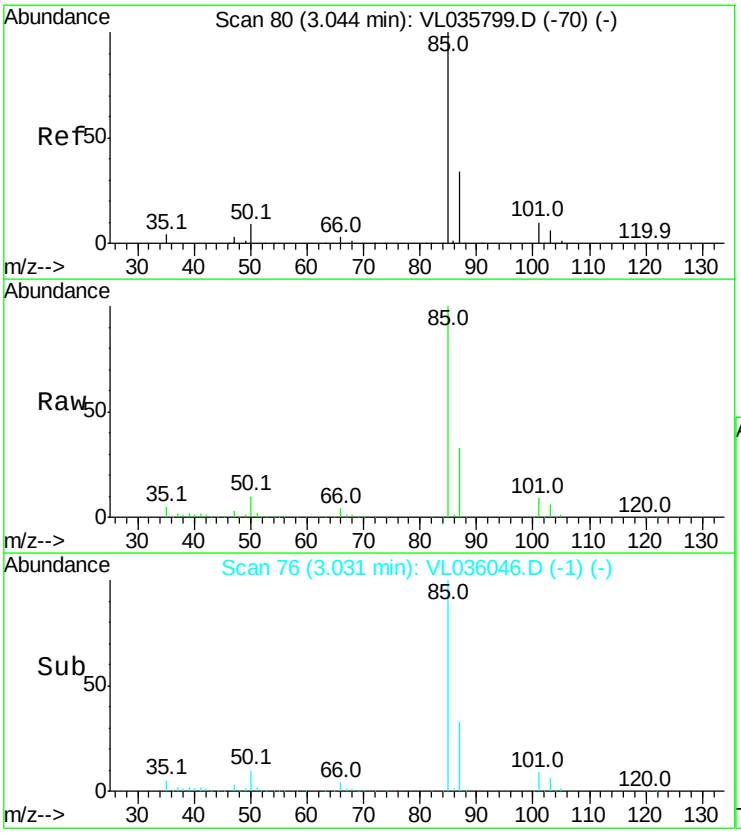
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1182230

Ion	Ratio	Lower	Upper
49	100		
128	76.5	41.5	124.6
130	98.3	53.7	161.1

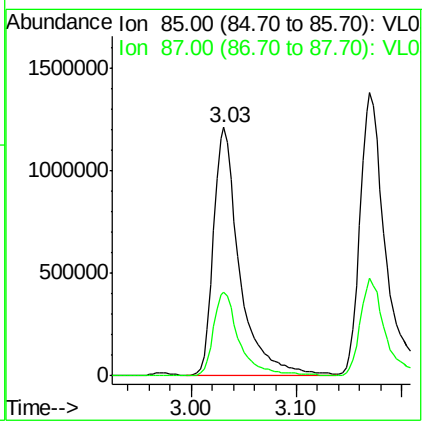


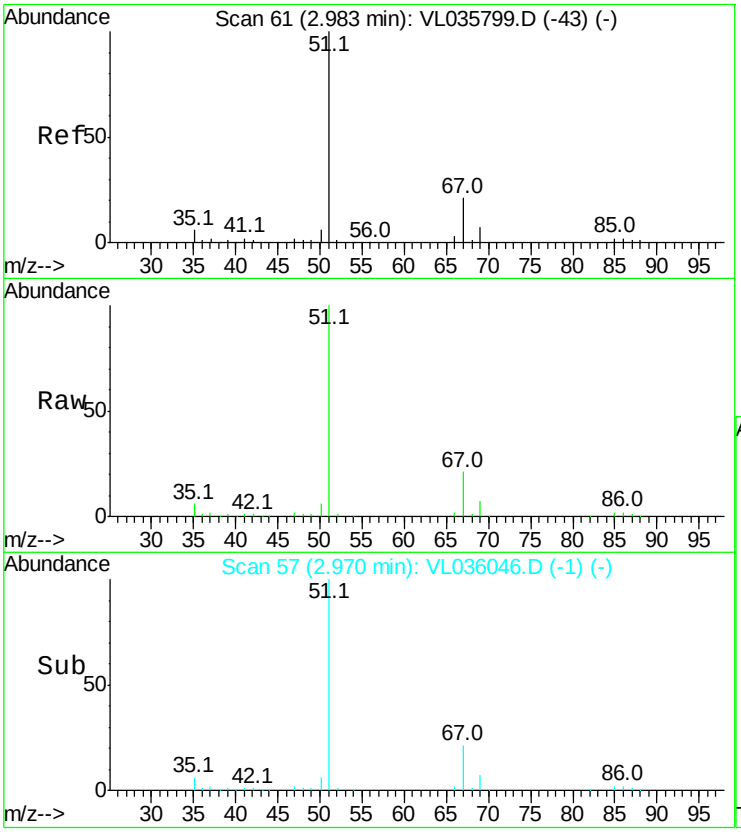


#2
Dichlorodifluoromethane
Concen: 9.356 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 85 Resp: 2082432

Ion	Ratio	Lower	Upper
85	100		
87	33.5	27.1	40.7



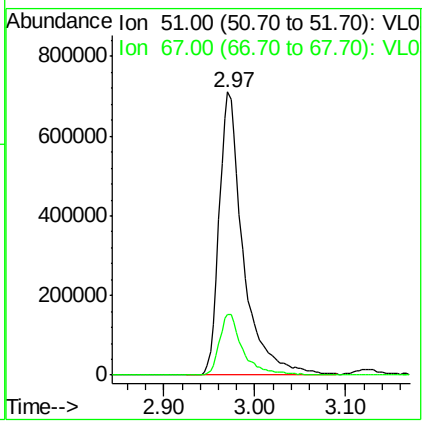


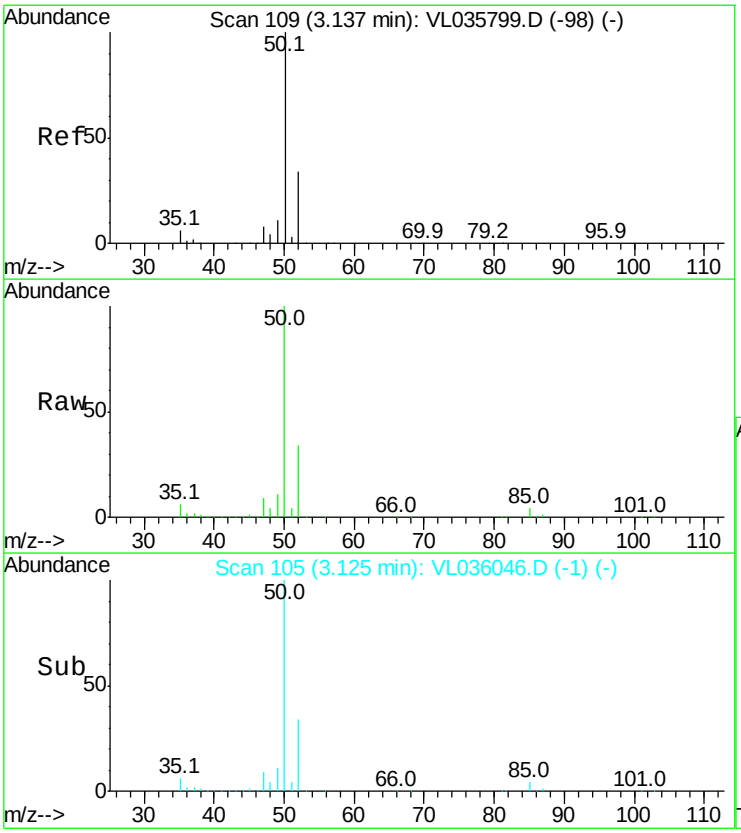
#3
Chlorodifluoromethane
Concen: 9.226 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 51 Resp: 1306215

Ion	Ratio	Lower	Upper
51	100		
67	21.1	17.0	25.4

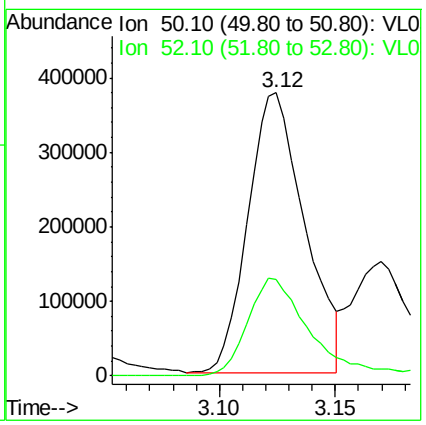


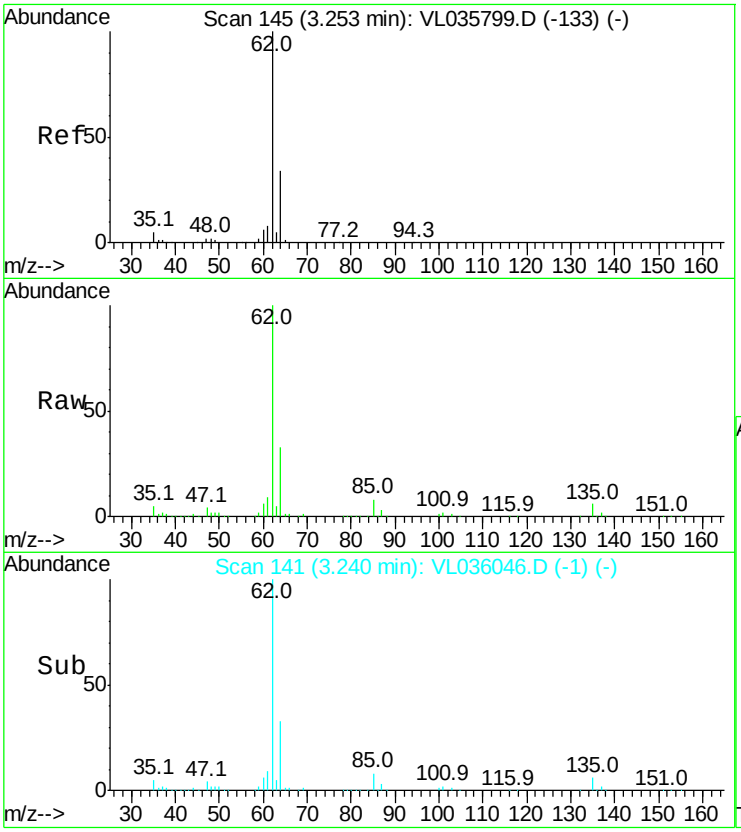


#4
Chloromethane
Concen: 9.278 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 50 Resp: 638096

Ion	Ratio	Lower	Upper
50	100		
52	34.5	27.1	40.7



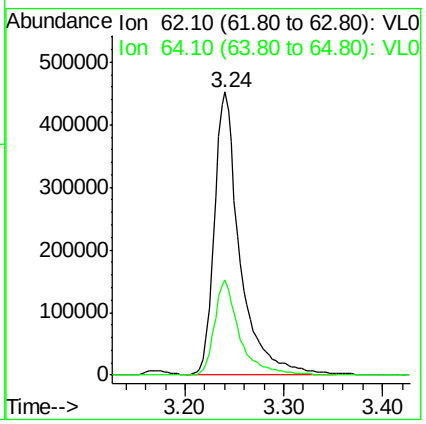


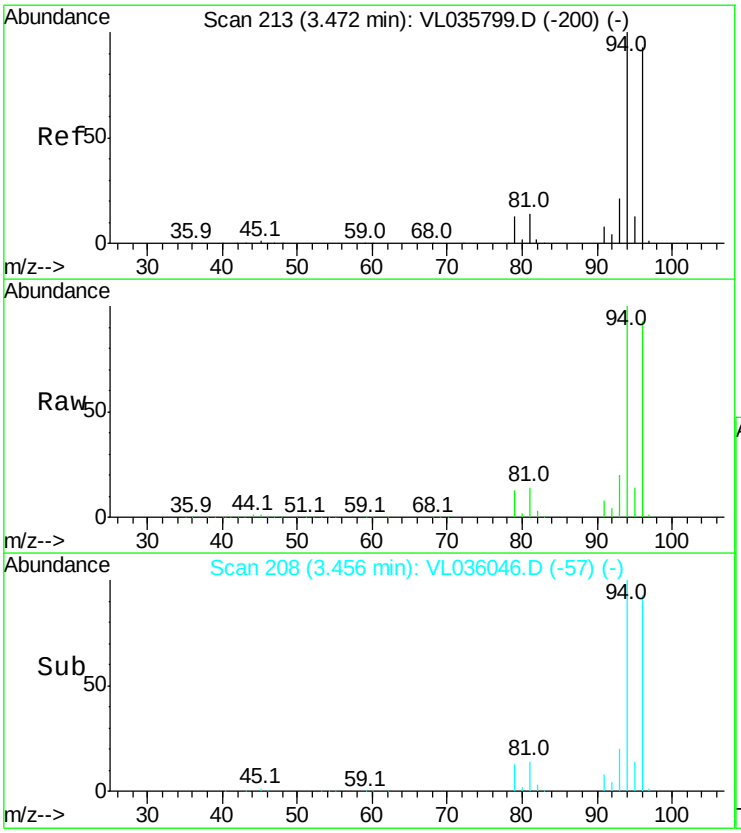
#5
Vinyl Chloride
Concen: 9.322 ppbv
RT: 3.24 min Scan# 141
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 817326

Ion	Ratio	Lower	Upper
62	100		
64	33.5	26.9	40.3

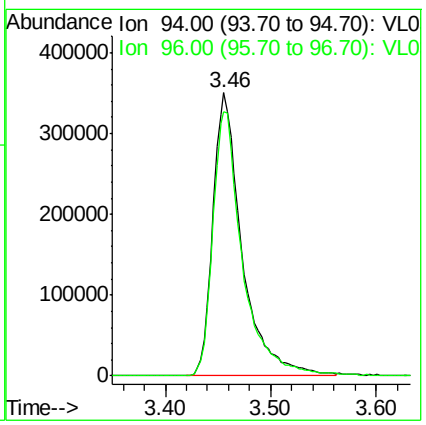


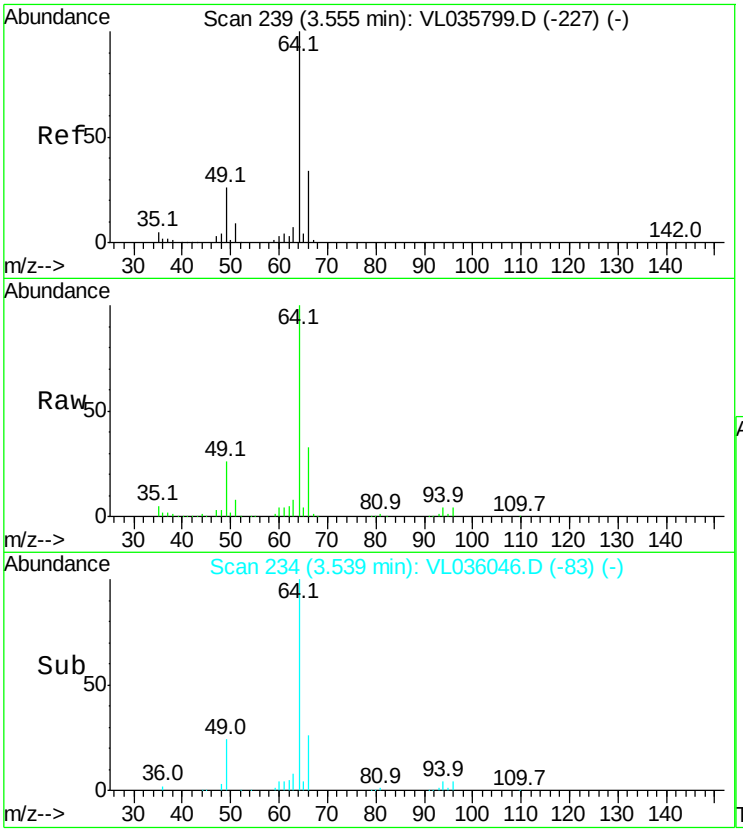


#6
Bromomethane
Concen: 9.505 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 94 Resp: 670191

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.6	111.8



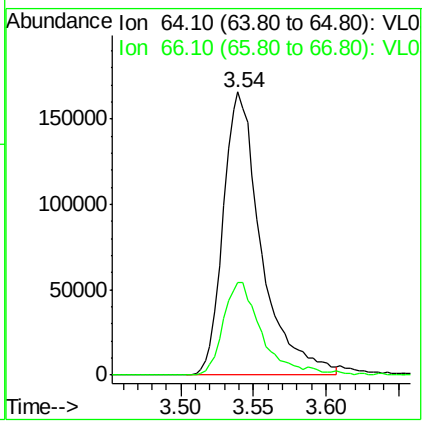


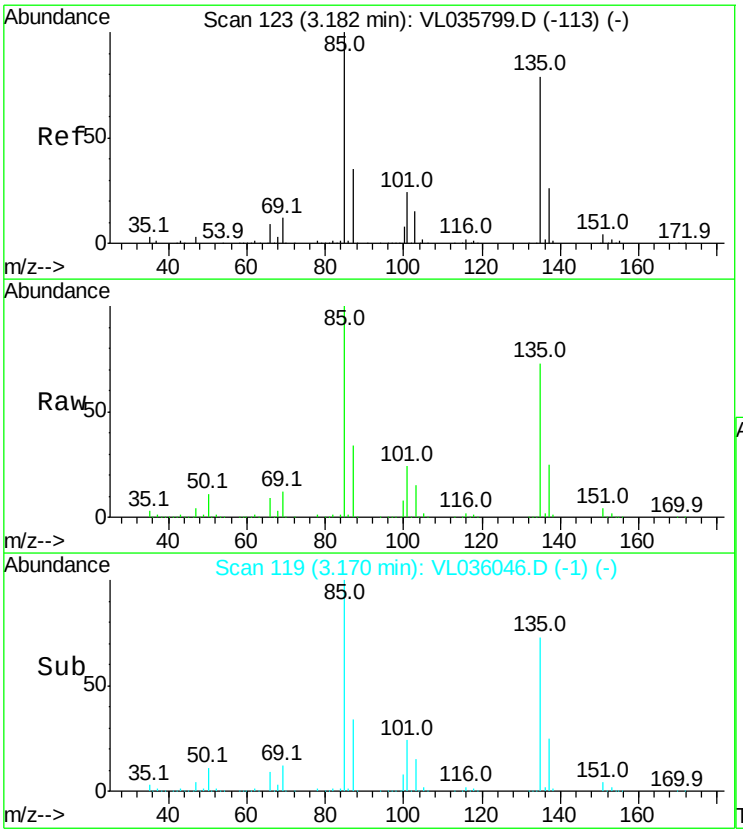
#7
Chloroethane
Concen: 9.789 ppbv
RT: 3.54 min Scan# 234
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 302062

Ion	Ratio	Lower	Upper
64	100		
66	32.6	27.0	40.6

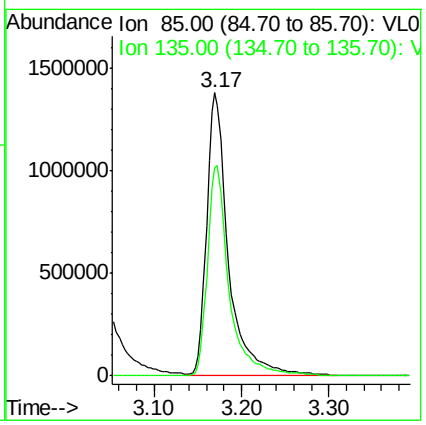


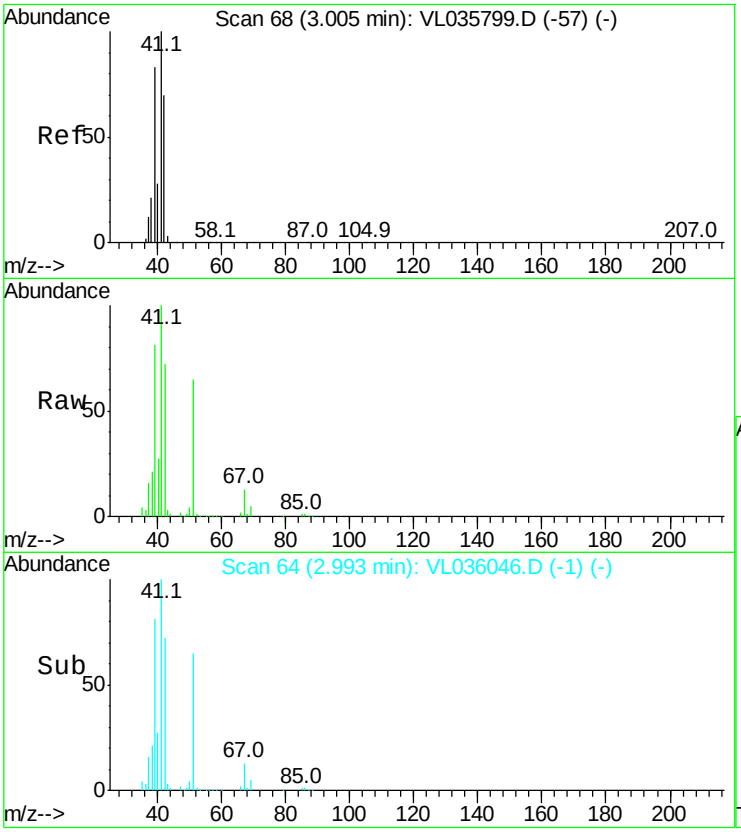


#8
Dichlorotetrafluoroethane
Concen: 9.293 ppbv
RT: 3.17 min Scan# 119
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 85 Resp: 2367162

Ion	Ratio	Lower	Upper
85	100		
135	75.2	64.6	96.8



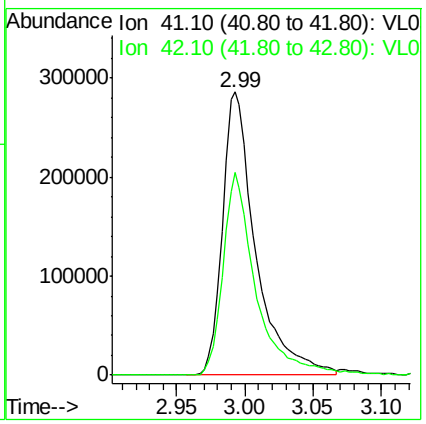


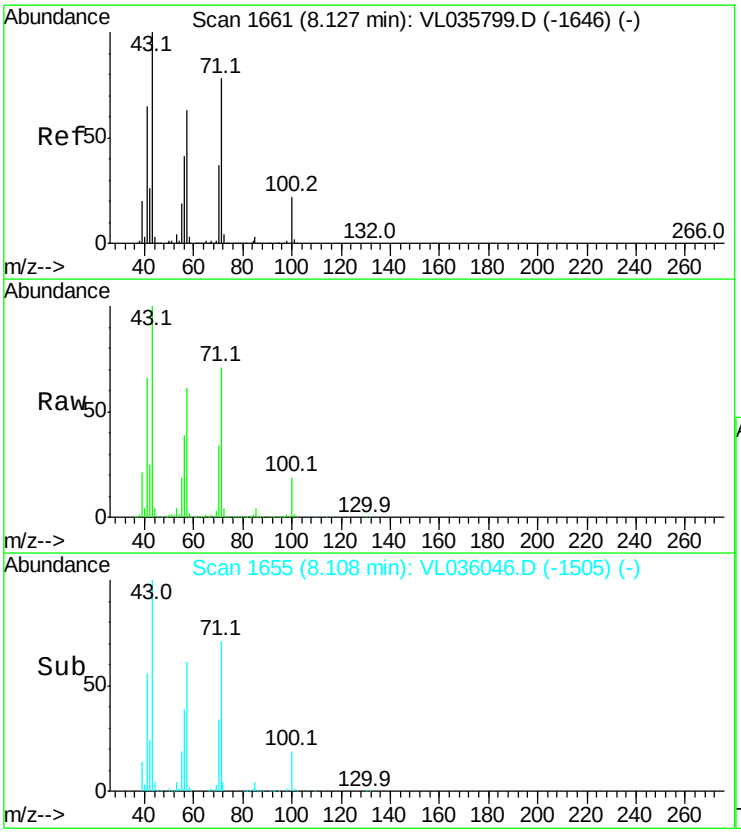
#9
Propene
Concen: 9.369 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 485489

Ion	Ratio	Lower	Upper
41	100		
42	71.1	56.2	84.4

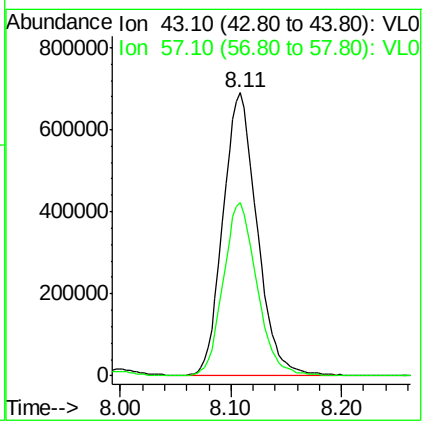


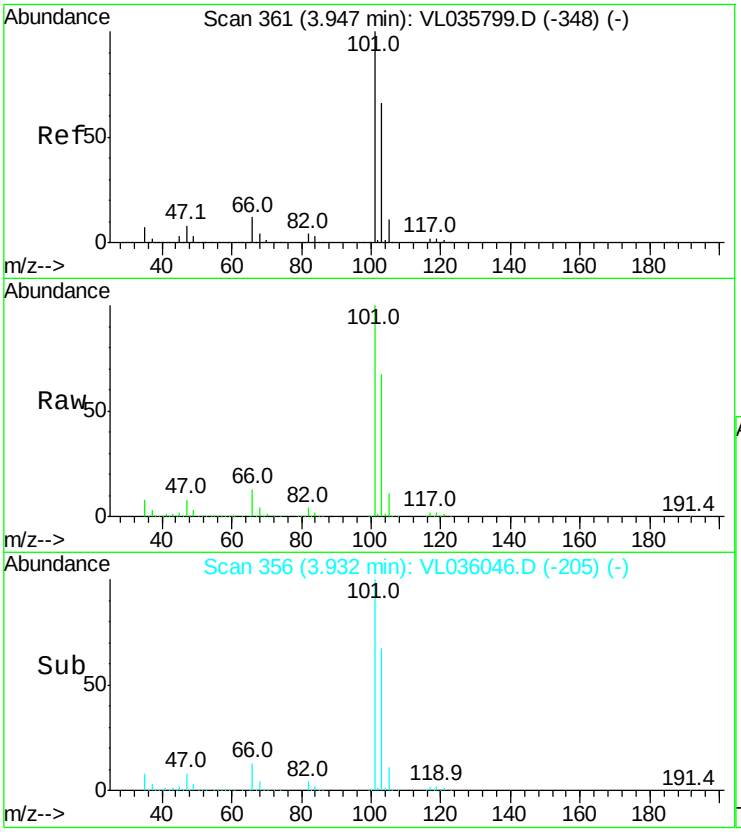


#10
Heptane
Concen: 10.214 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 43 Resp: 1461925

Ion	Ratio	Lower	Upper
43	100		
57	61.5	50.0	75.0



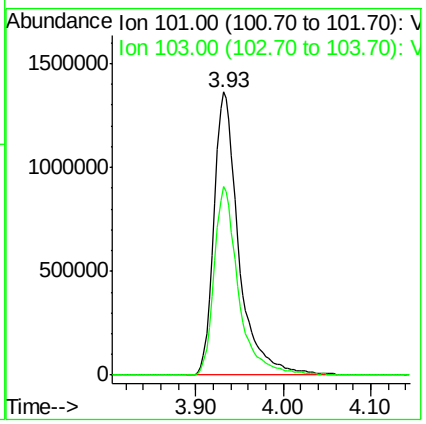


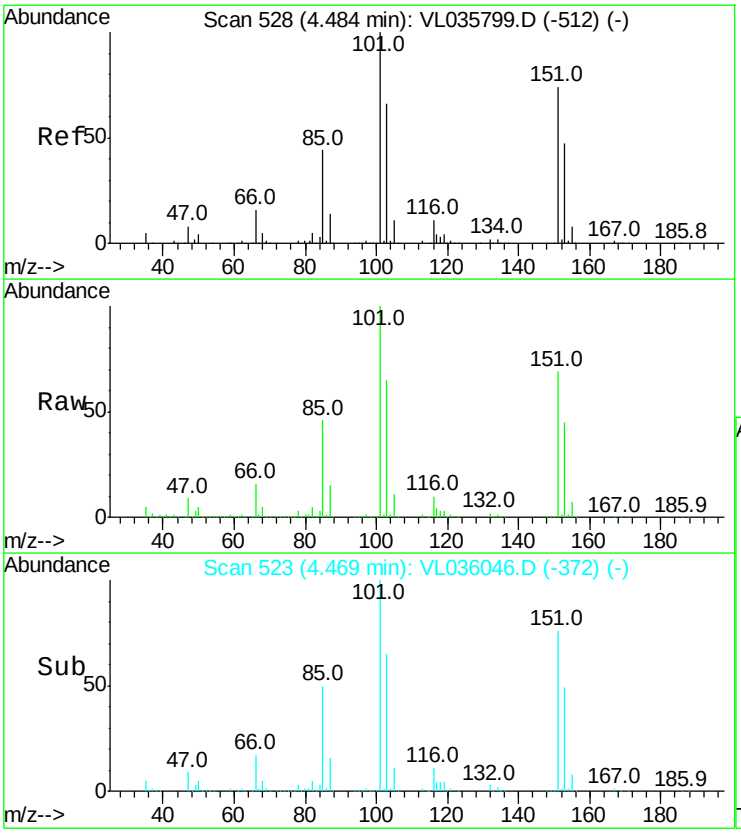
#11
Trichlorofluoromethane
Concen: 9.616 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 2687474

Ion	Ratio	Lower	Upper
101	100		
103	66.5	53.0	79.4

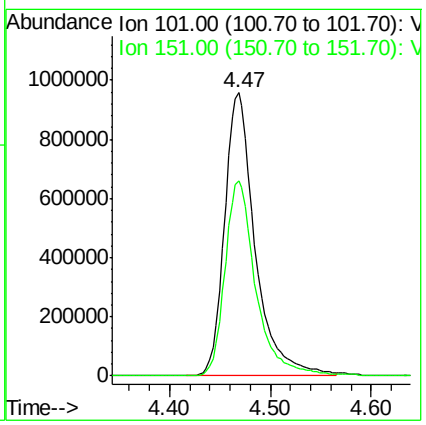


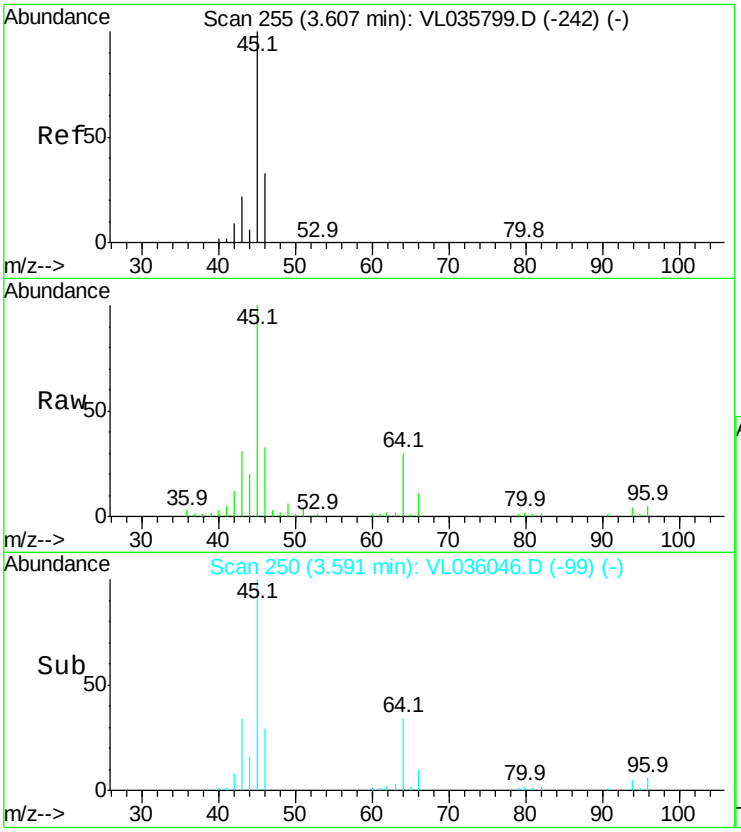


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.725 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:101 Resp: 2023583

Ion	Ratio	Lower	Upper
101	100		
151	70.1	58.9	88.3



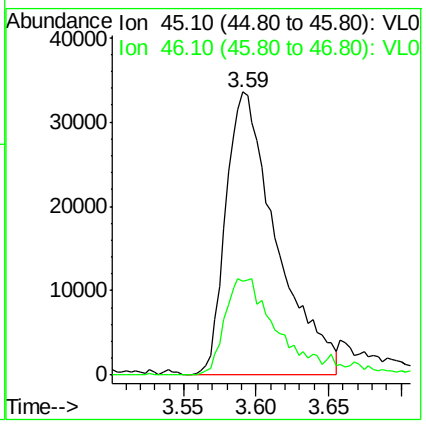


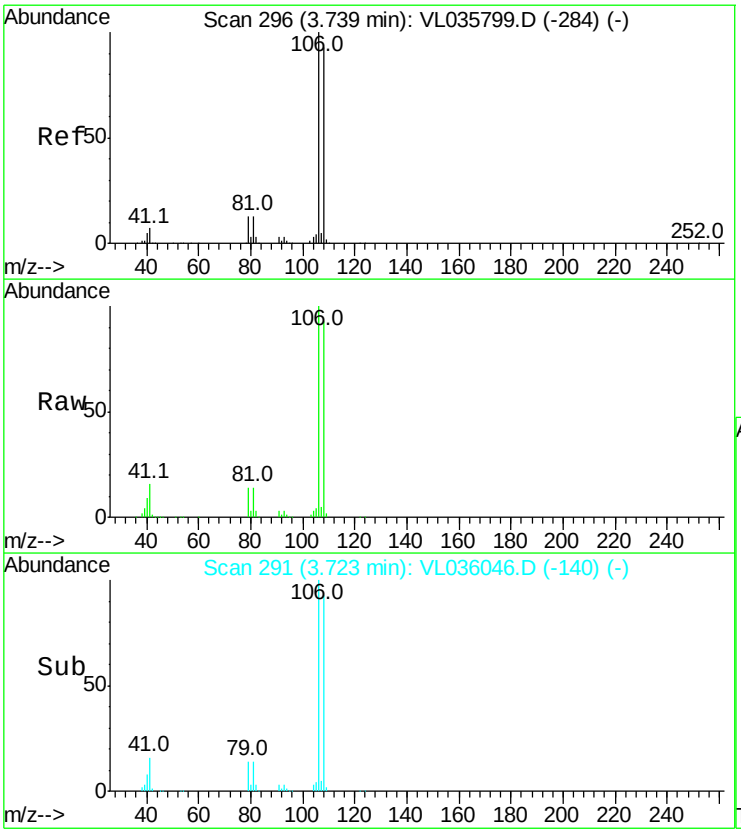
#13
Ethanol
Concen: 7.257 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 81586

Ion	Ratio	Lower	Upper
45	100		
46	40.1	16.1	64.5

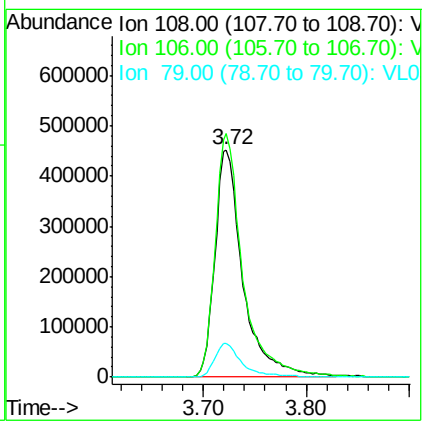


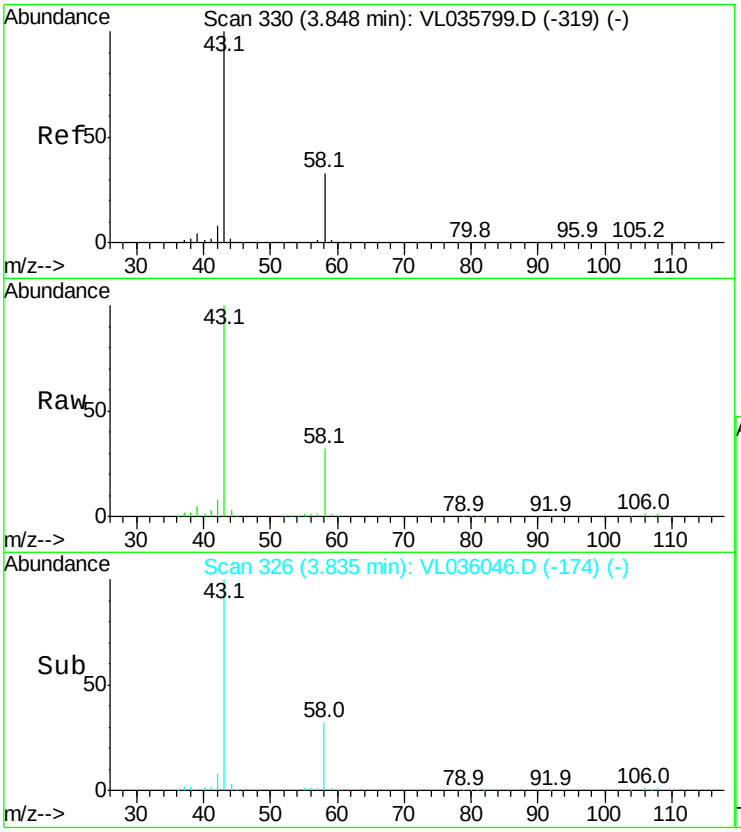


#14
Bromoethene
Concen: 8.916 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:108 Resp: 853870

Ion	Ratio	Lower	Upper
108	100		
106	106.2	85.3	127.9
79	14.9	11.6	17.4



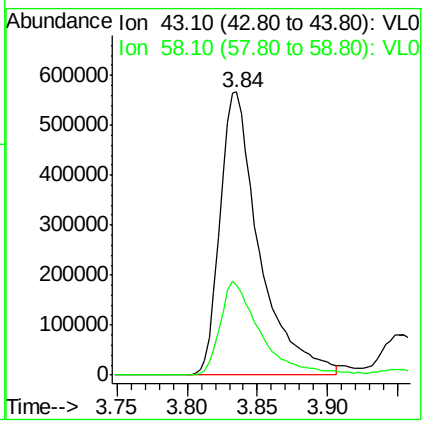


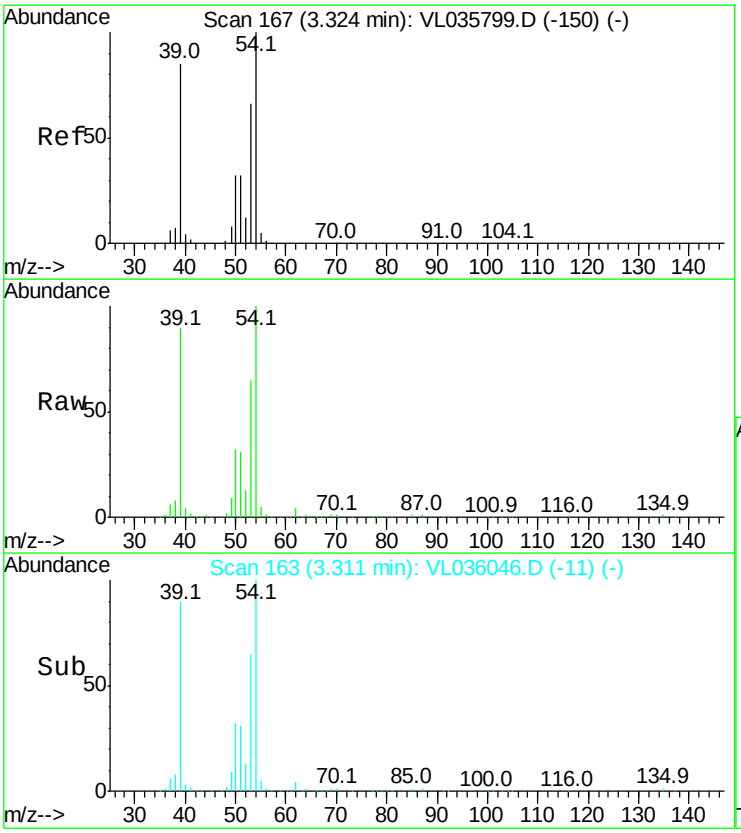
#15
Acetone
Concen: 8.704 ppbv
RT: 3.84 min Scan# 326
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1100088

Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.5	41.3

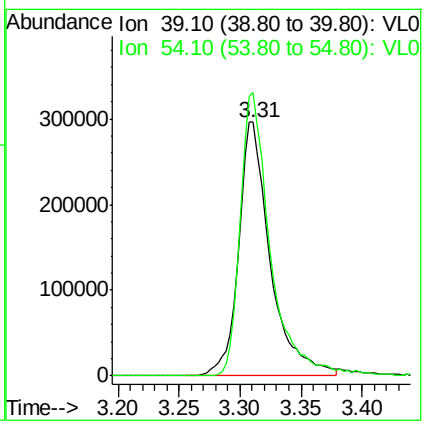


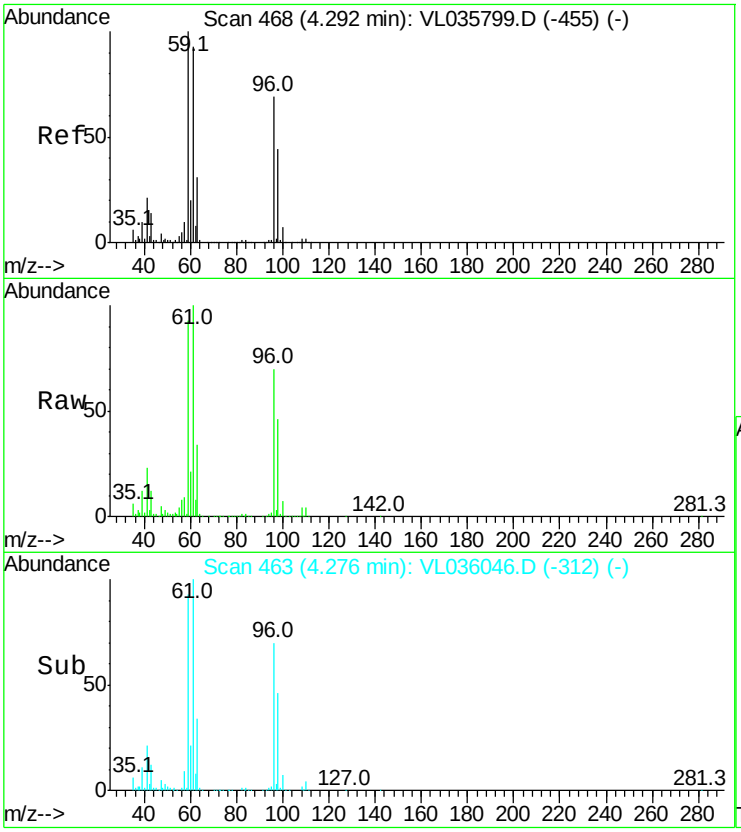


#16
1,3-Butadiene
Concen: 9.720 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 39 Resp: 528903

Ion	Ratio	Lower	Upper
39	100		
54	107.6	87.1	130.7



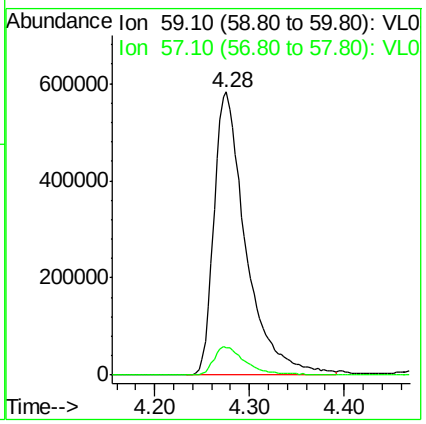


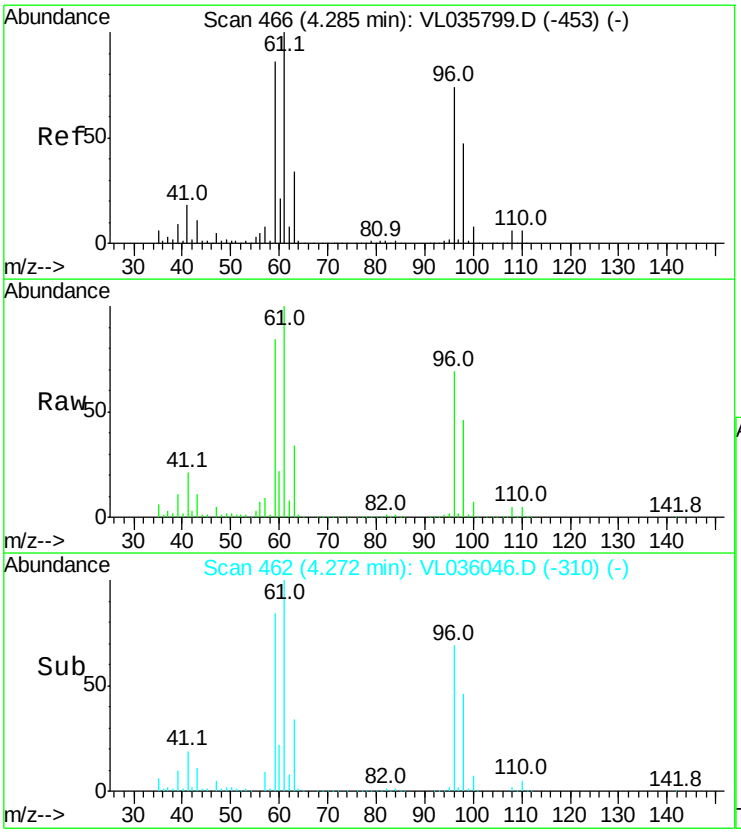
#17
tert-Butyl alcohol
Concen: 8.175 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1369353

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

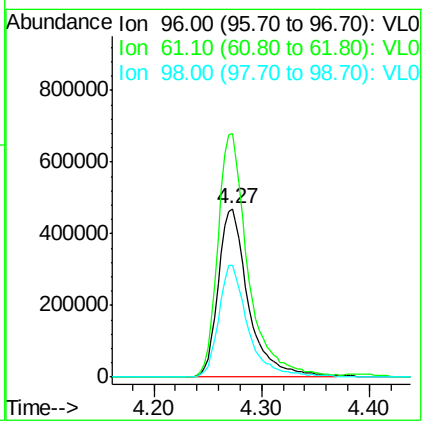


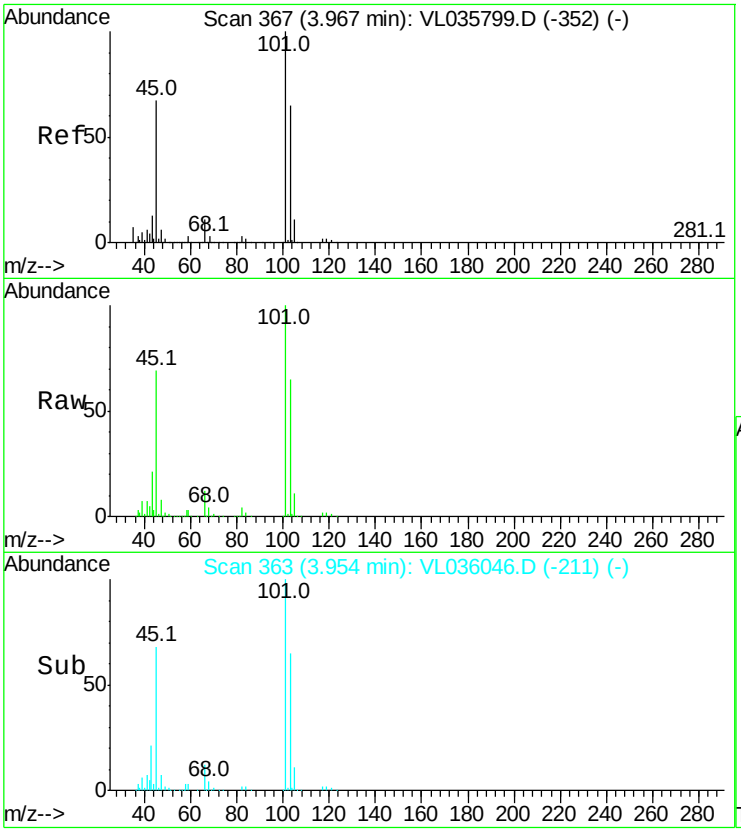


#18
1,1-Dichloroethene
Concen: 9.567 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 96 Resp: 914068

Ion	Ratio	Lower	Upper
96	100		
61	144.7	108.5	162.7
98	66.4	50.7	76.1



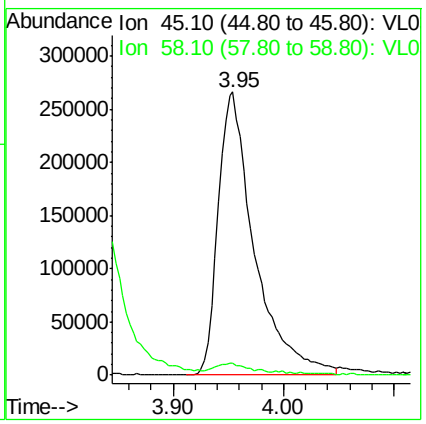


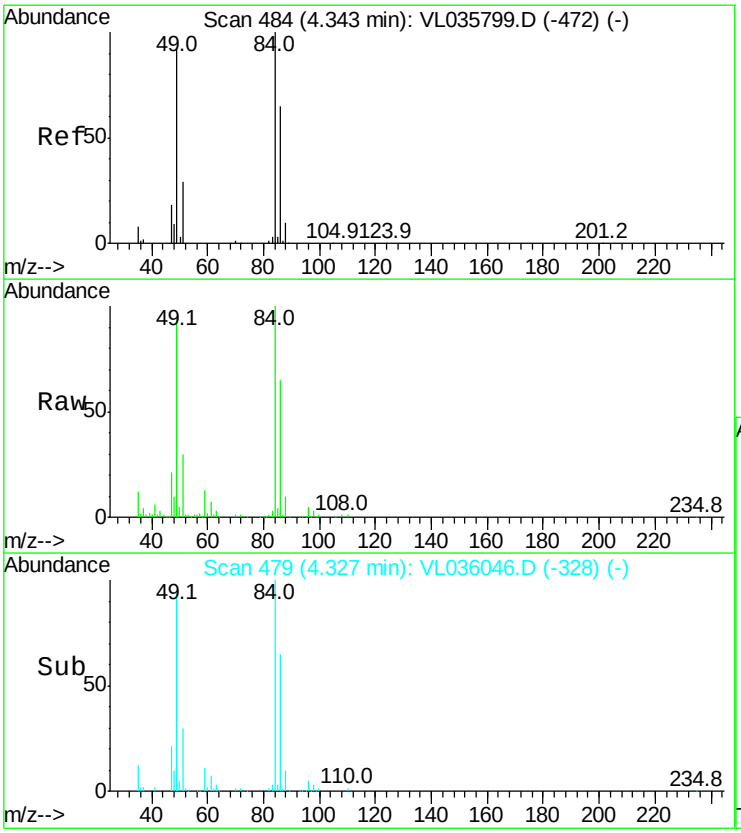
#19
Isopropyl Alcohol
Concen: 7.780 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 604263

Ion	Ratio	Lower	Upper
45	100		
58	4.2	2.6	3.8#

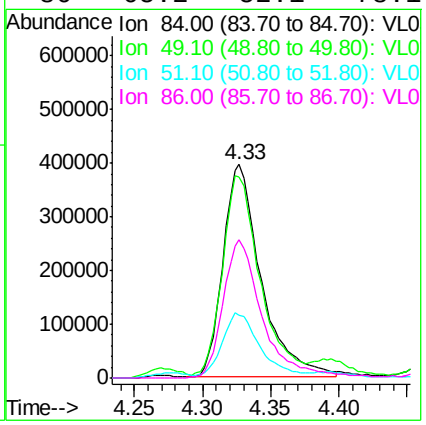


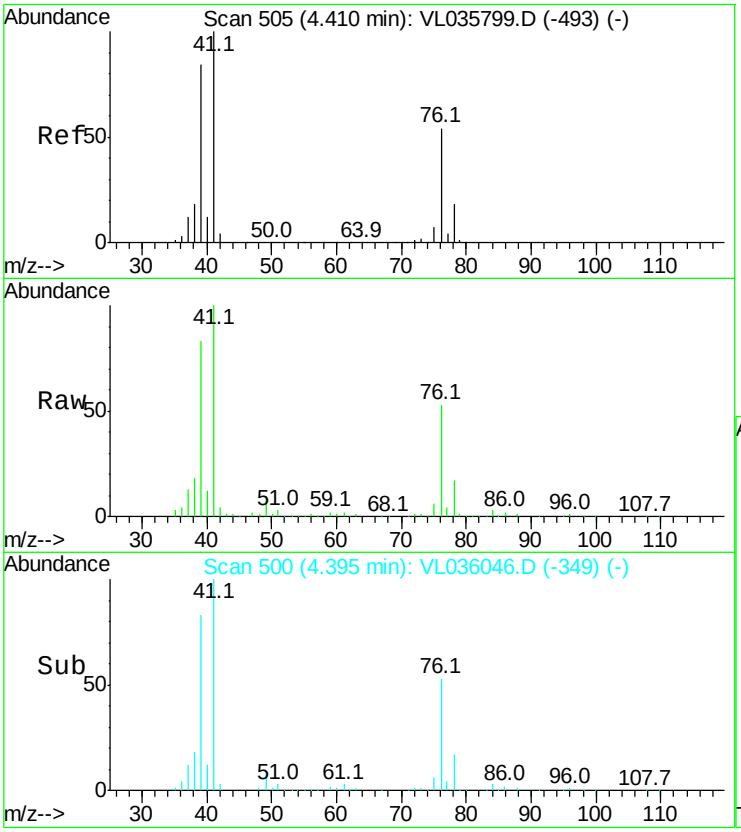


#20
Methylene Chloride
Concen: 8.612 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 84 Resp: 766257

Ion	Ratio	Lower	Upper
84	100		
49	93.0	73.8	110.8
51	28.1	23.0	34.4
86	65.2	52.1	78.1



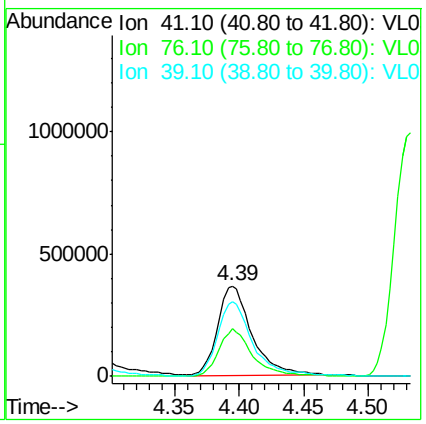


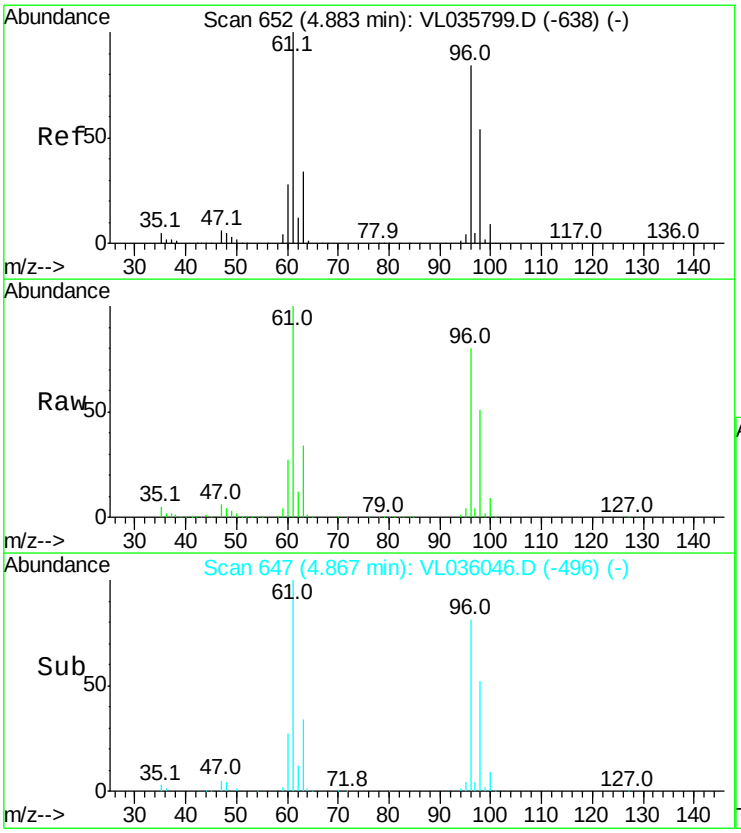
#21
Allyl Chloride
Concen: 9.807 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 670312

Ion	Ratio	Lower	Upper
41	100		
76	53.0	42.6	63.8
39	86.3	67.0	100.4

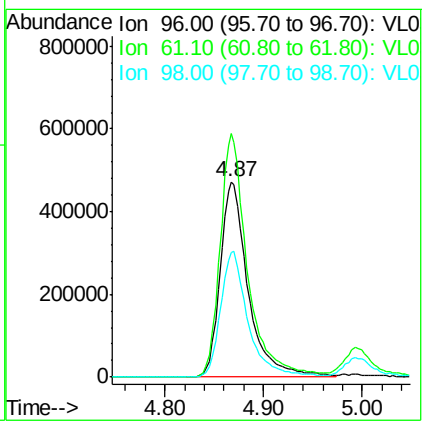


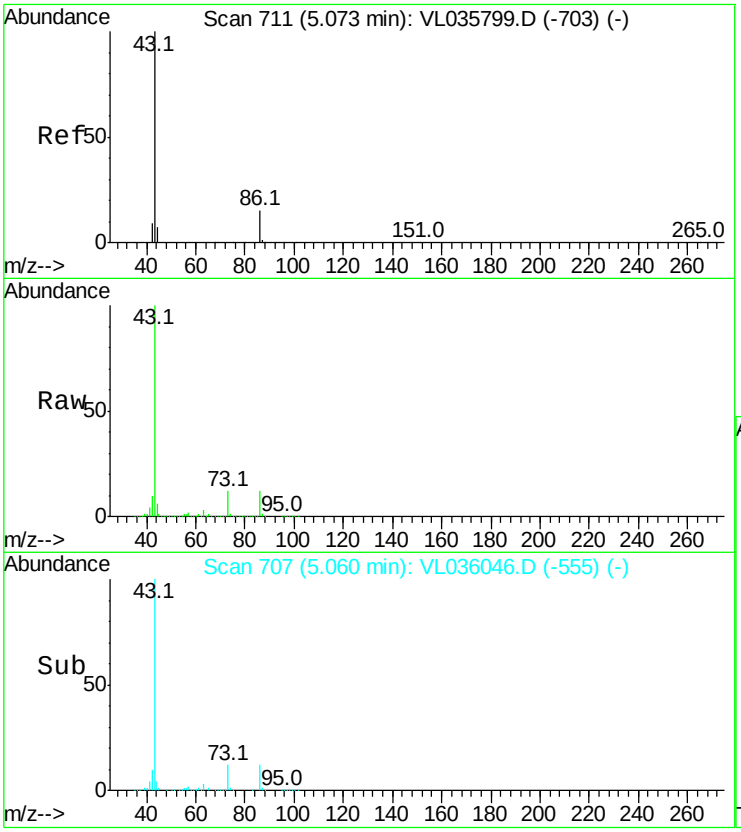


#22
trans-1,2-Dichloroethene
Concen: 9.713 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 96 Resp: 940711

Ion	Ratio	Lower	Upper
96	100		
61	124.7	95.4	143.0
98	63.9	51.8	77.6



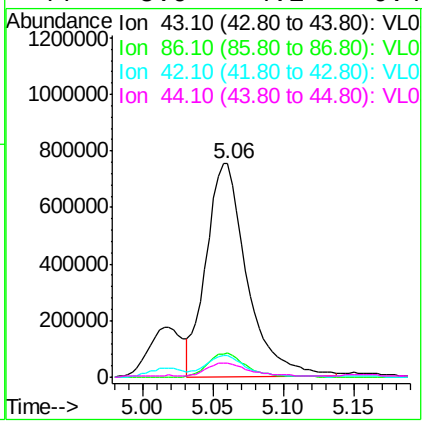


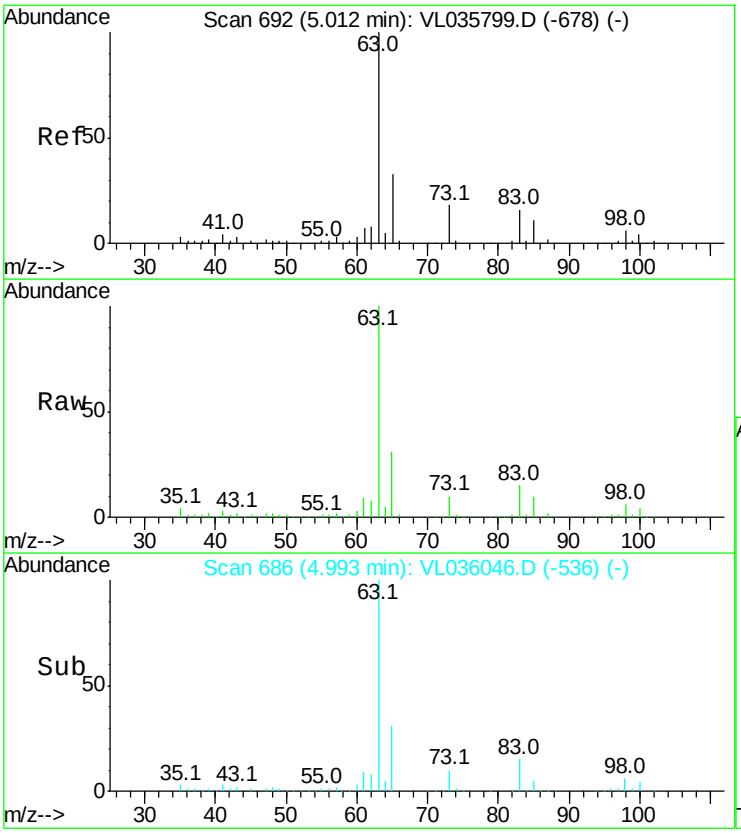
#23
Vinyl Acetate
Concen: 8.591 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1522040

Ion	Ratio	Lower	Upper
43	100		
86	11.6	9.8	14.6
42	10.1	8.1	12.1
44	5.9	4.2	6.4

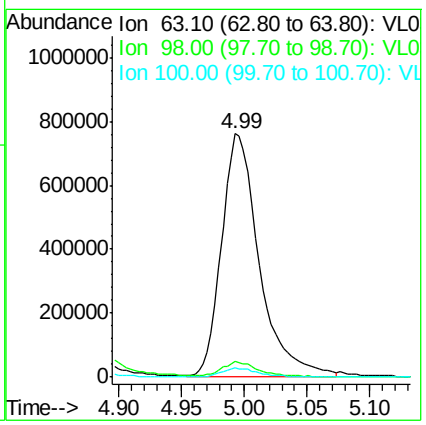


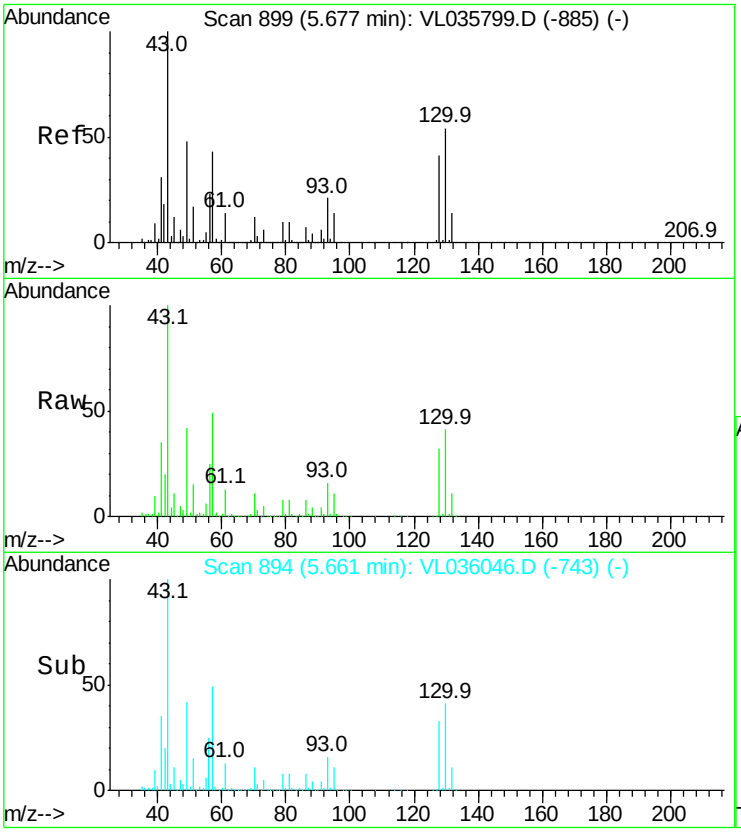


#24
1,1-Dichloroethane
Concen: 9.419 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 63 Resp: 1589866

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.0	9.2
100	3.8	1.8	5.4



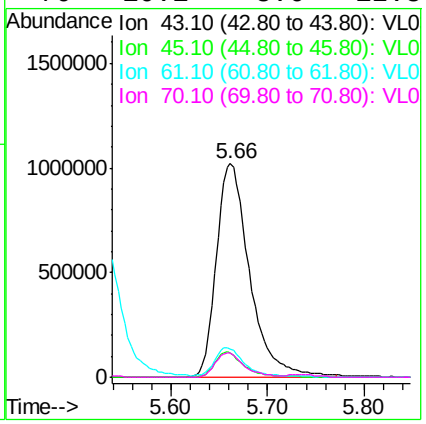


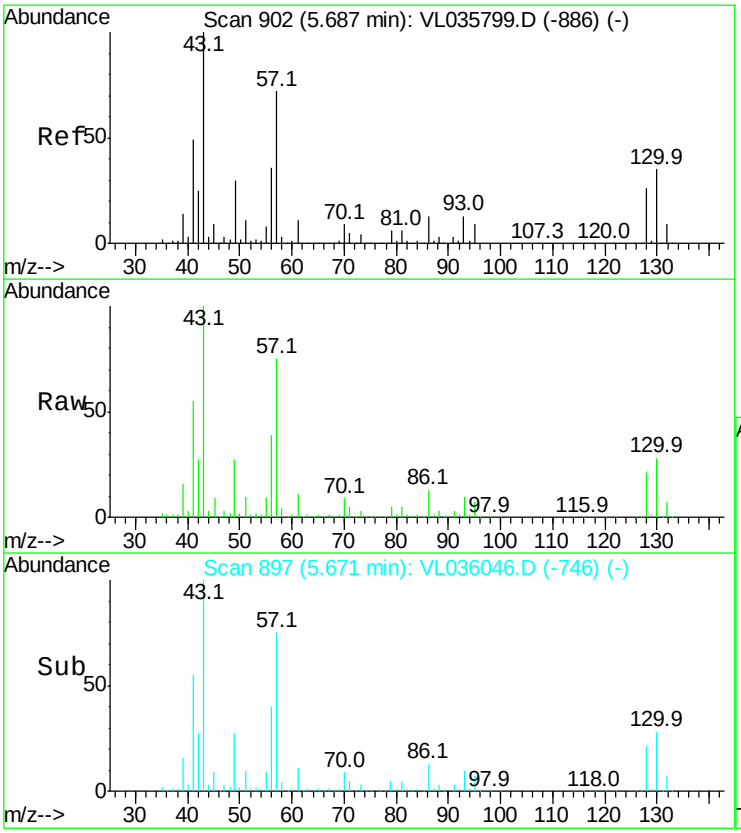
#25
Ethyl Acetate
Concen: 9.765 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2431318

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.5	12.7
61	13.3	10.7	16.1
70	10.1	8.6	12.8

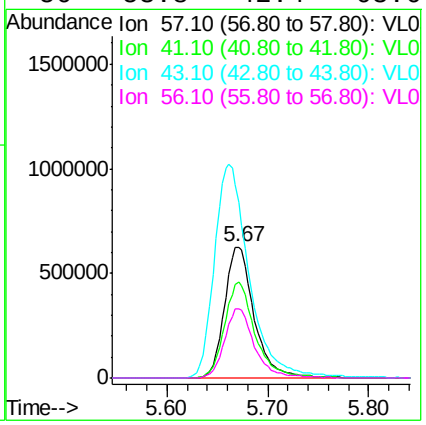


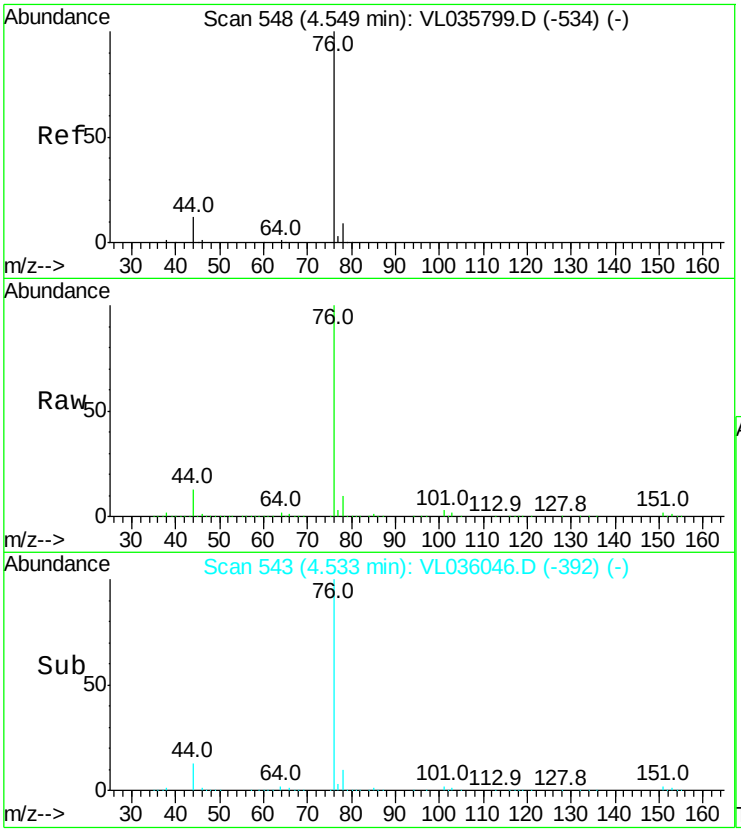


#26
Hexane
Concen: 9.342 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 57 Resp: 1282807

Ion	Ratio	Lower	Upper
57	100		
41	77.0	58.9	88.3
43	191.1	150.2	225.2
56	53.8	42.4	63.6



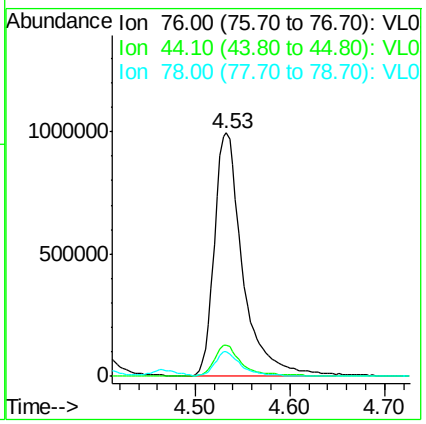


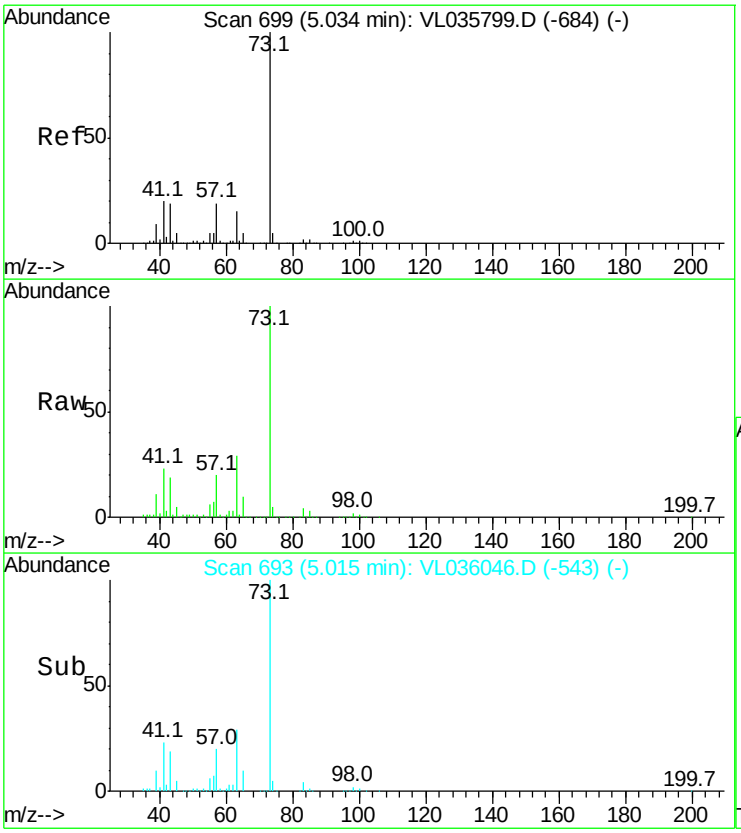
#27
Carbon Disulfide
Concen: 10.045 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 2066867

Ion	Ratio	Lower	Upper
76	100		
44	12.0	9.9	14.9
78	9.6	8.1	12.1

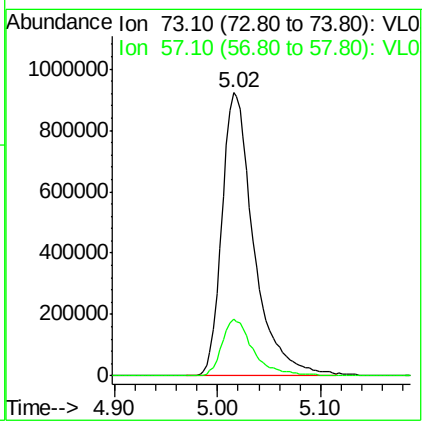


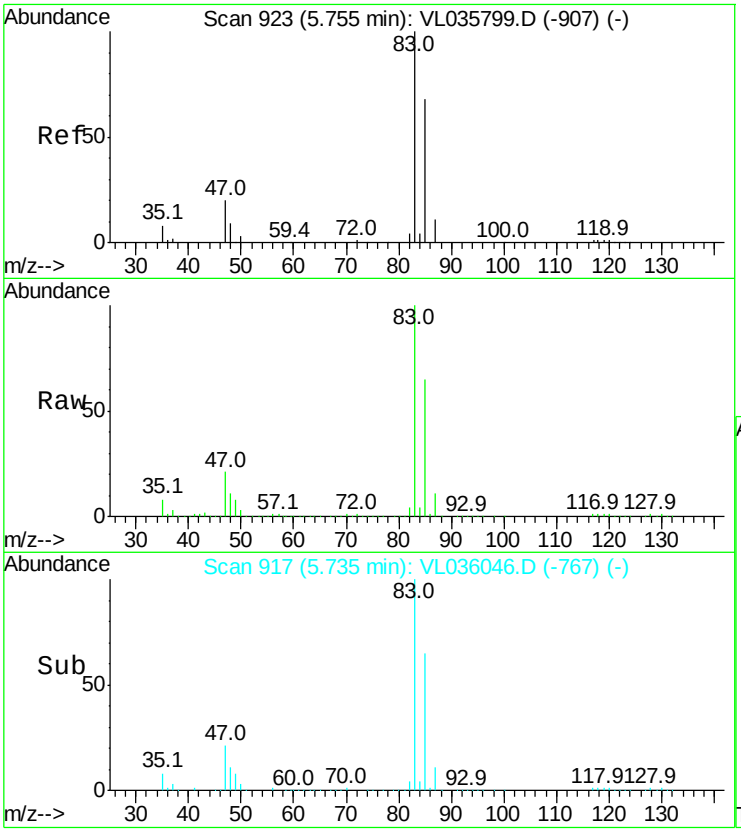


#28
Methyl tert-Butyl Ether
Concen: 8.075 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 73 Resp: 1991232

Ion	Ratio	Lower	Upper
73	100		
57	19.8	15.4	23.2



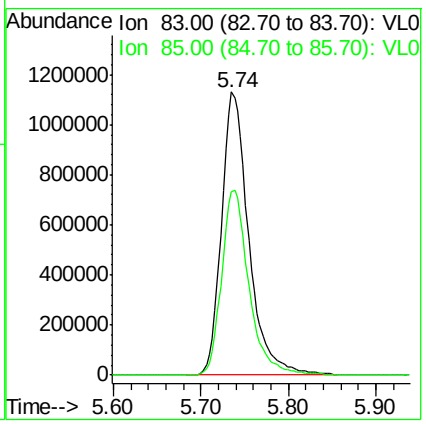


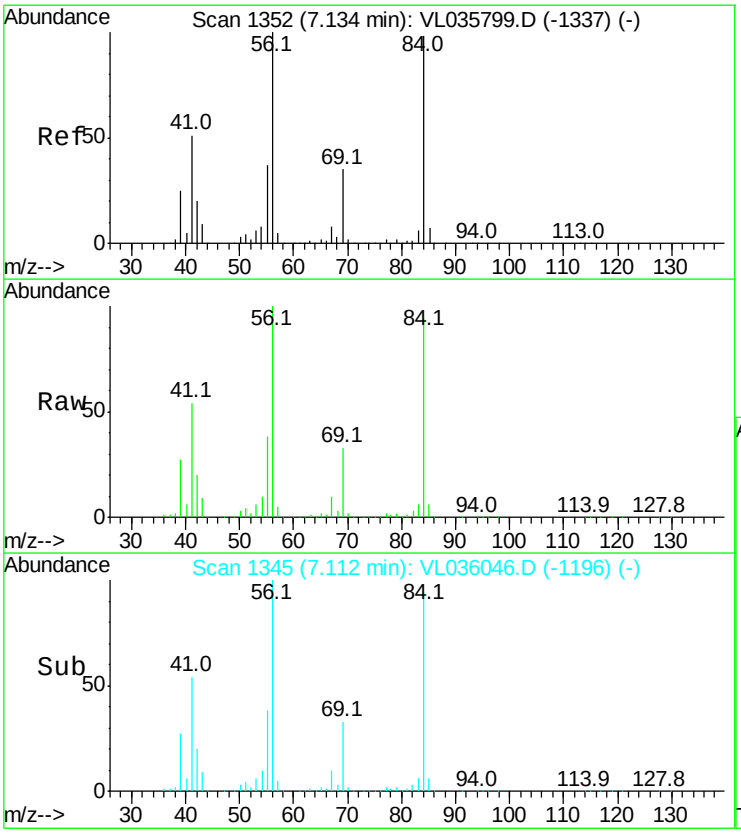
#29
Chloroform
Concen: 9.074 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2448996

Ion	Ratio	Lower	Upper
83	100		
85	64.5	54.6	81.8

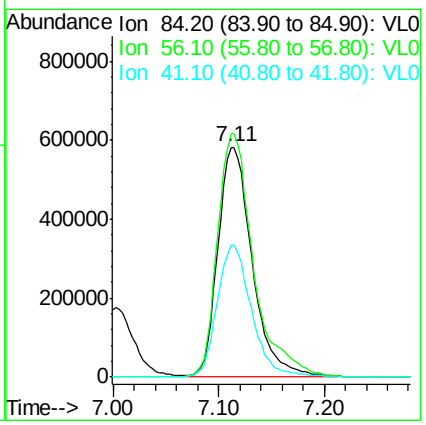


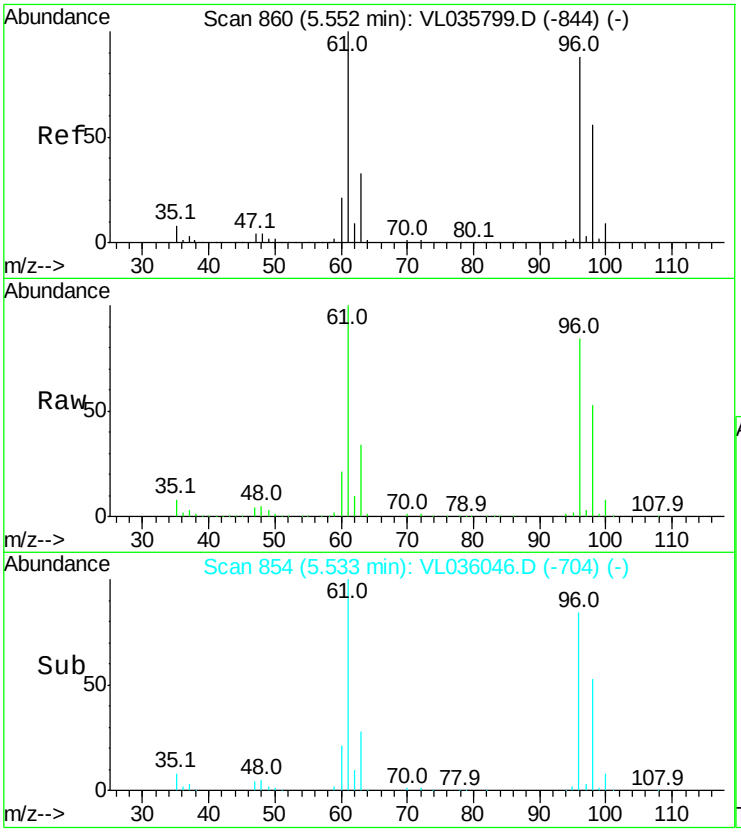


#30
Cyclohexane
Concen: 8.707 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 84 Resp: 1302162

Ion	Ratio	Lower	Upper
84	100		
56	112.4	86.4	129.6
41	57.6	42.1	63.1



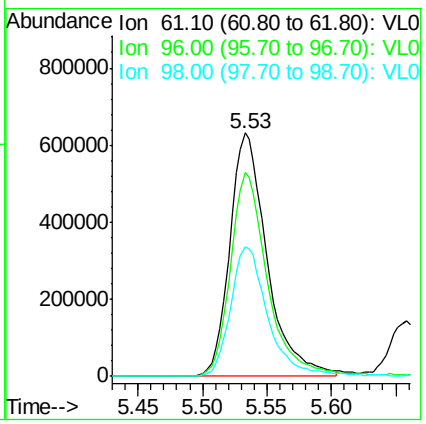


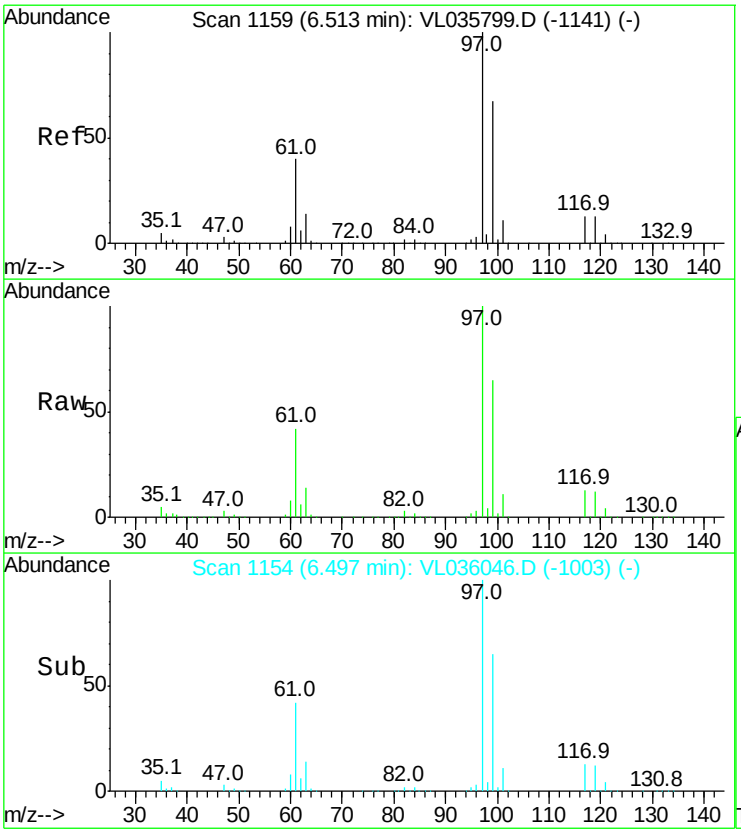
#31
cis-1,2-Dichloroethene
Concen: 8.955 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1265000

Ion	Ratio	Lower	Upper
61	100		
96	83.5	70.3	105.5
98	53.2	45.0	67.6

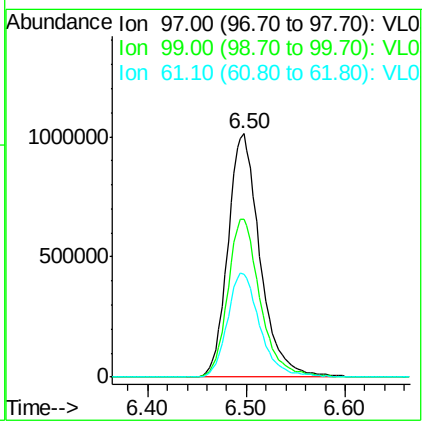


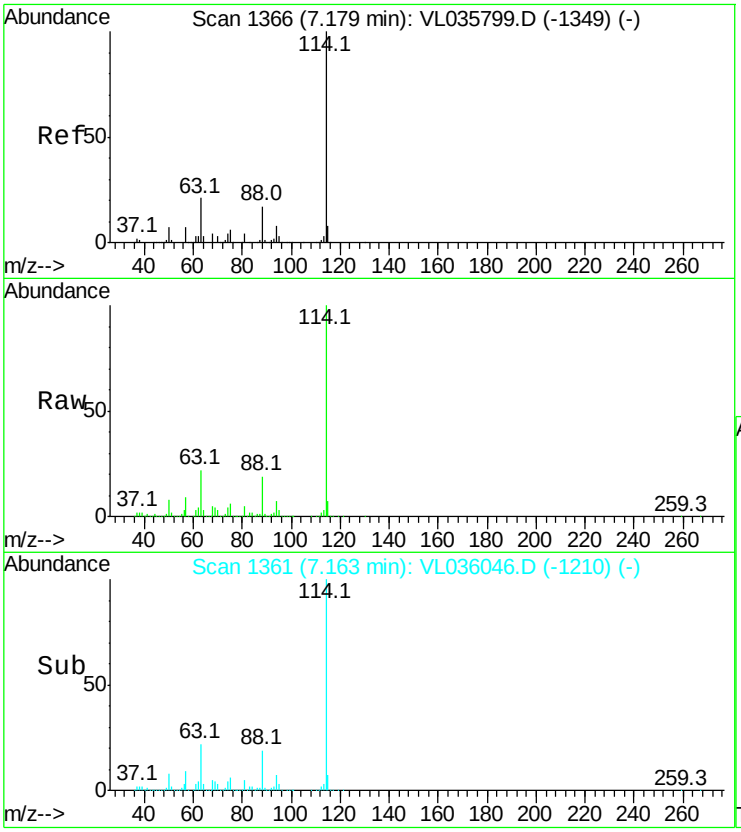


#32
1,1,1-Trichloroethane
Concen: 8.161 ppbv
RT: 6.50 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 97 Resp: 2298622

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.3	78.5
61	43.4	32.0	48.0



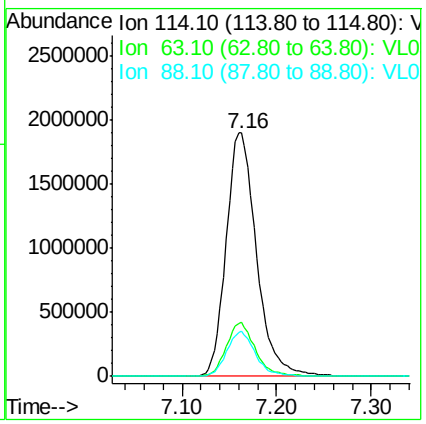


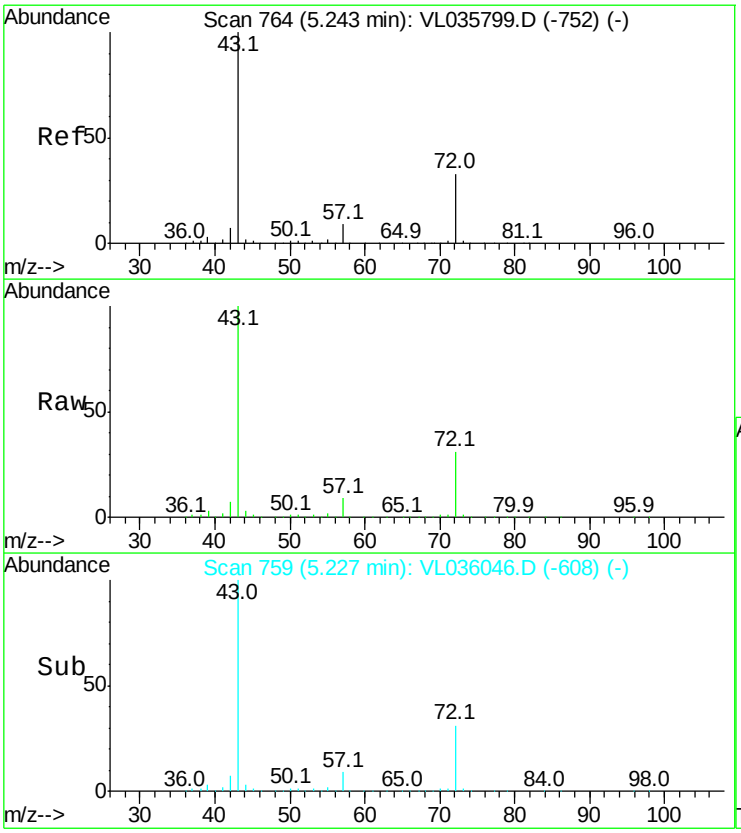
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 4228211

Ion	Ratio	Lower	Upper
114	100		
63	21.5	16.1	24.1
88	17.5	13.7	20.5

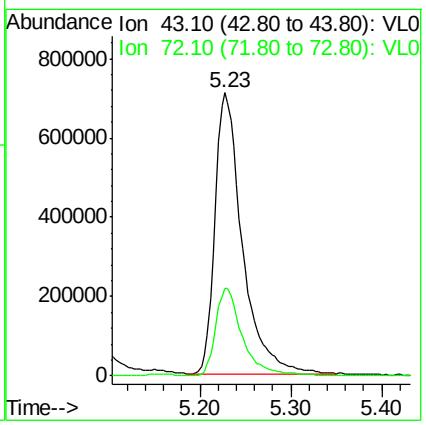


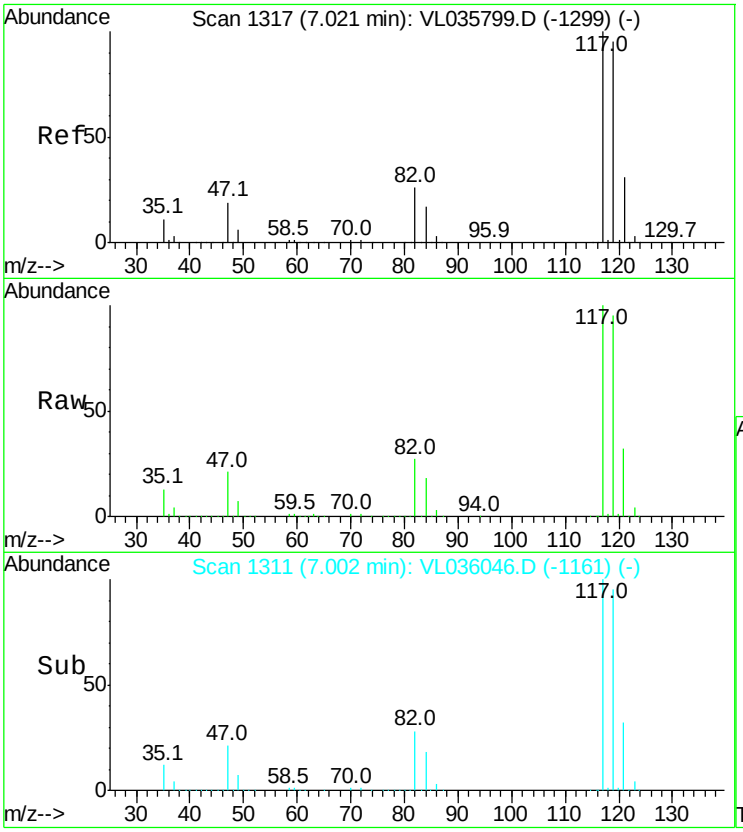


#34
2-Butanone
Concen: 10.858 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 43 Resp: 1489936

Ion	Ratio	Lower	Upper
43	100		
72	30.6	26.5	39.7



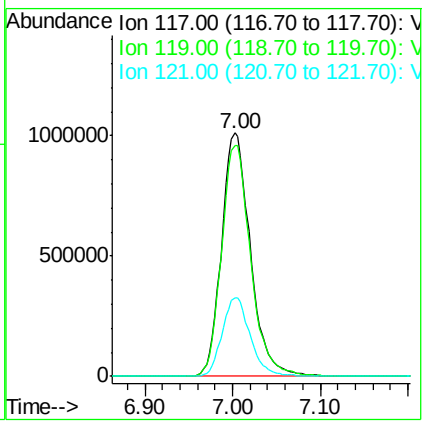


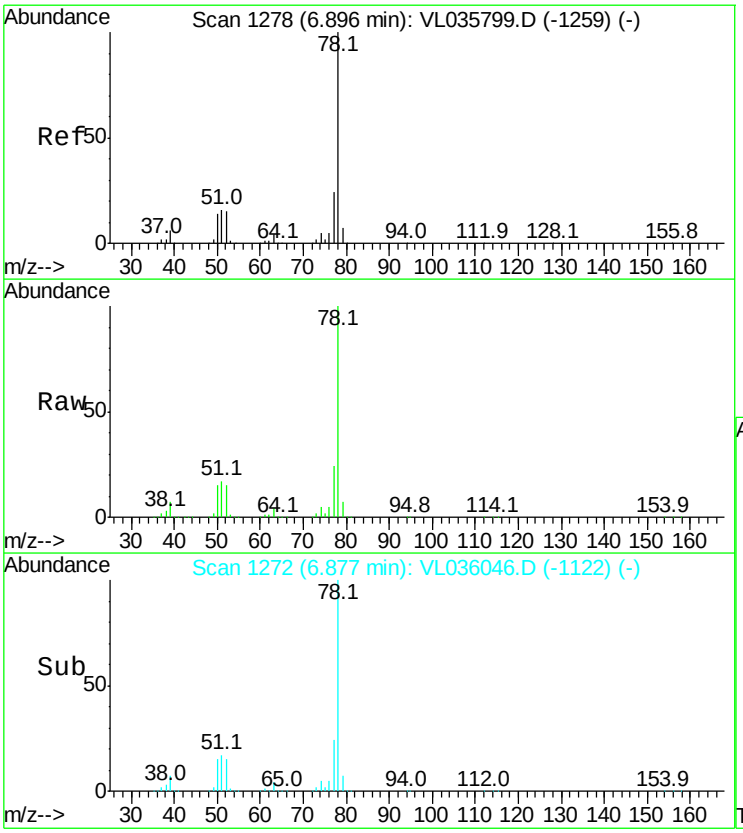
#35
Carbon Tetrachloride
Concen: 10.241 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2313639

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.6	113.4
121	32.3	25.1	37.7

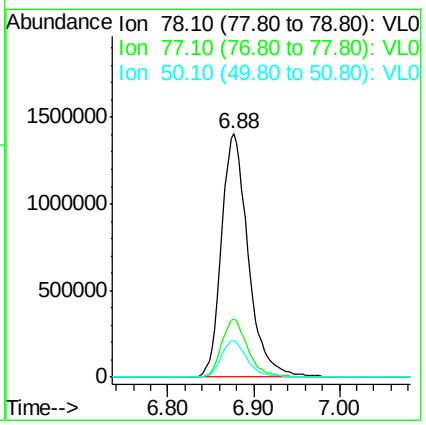


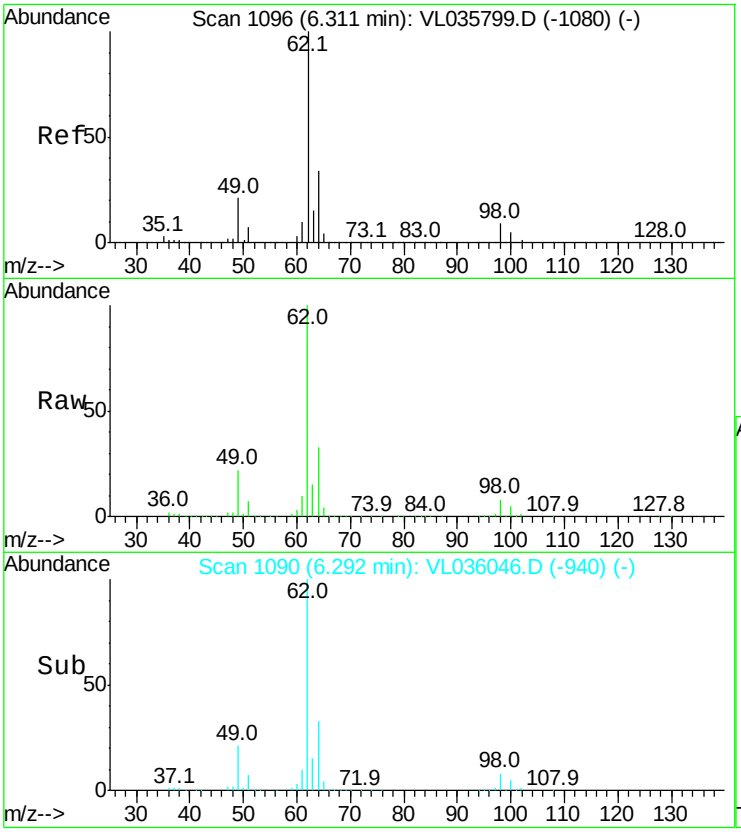


#36
Benzene
Concen: 9.685 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 78 Resp: 3044457

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9
50	15.0	11.4	17.2



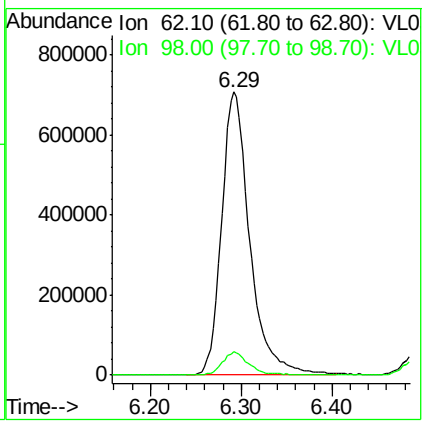


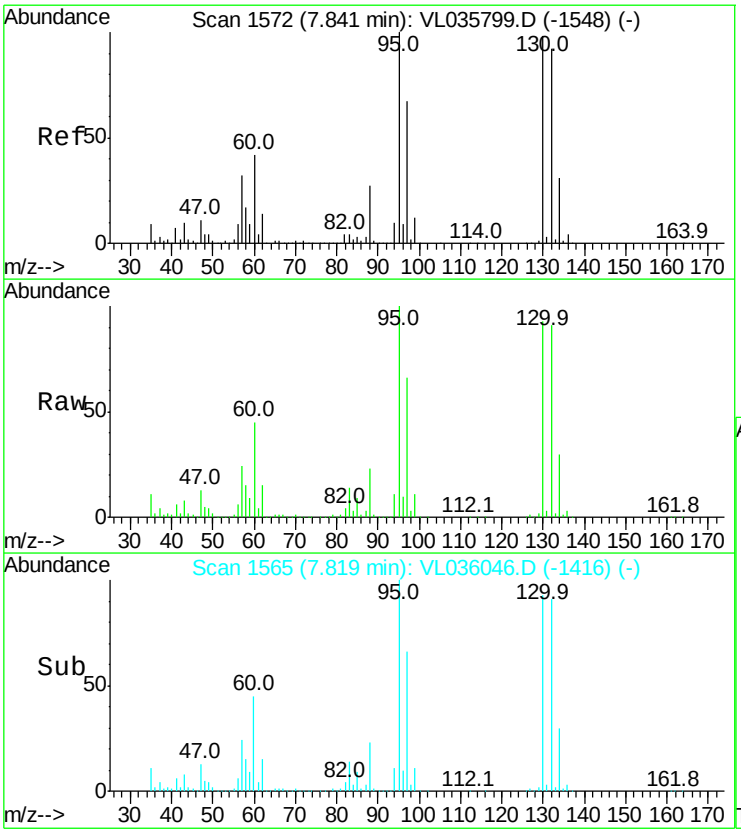
#37
1,2-Dichloroethane
Concen: 10.672 ppbv
RT: 6.29 min Scan# 1090
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1519736

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.9	10.3

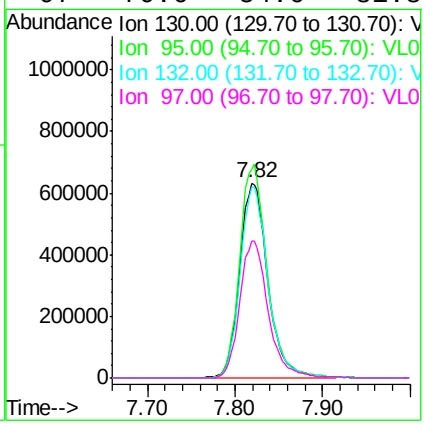


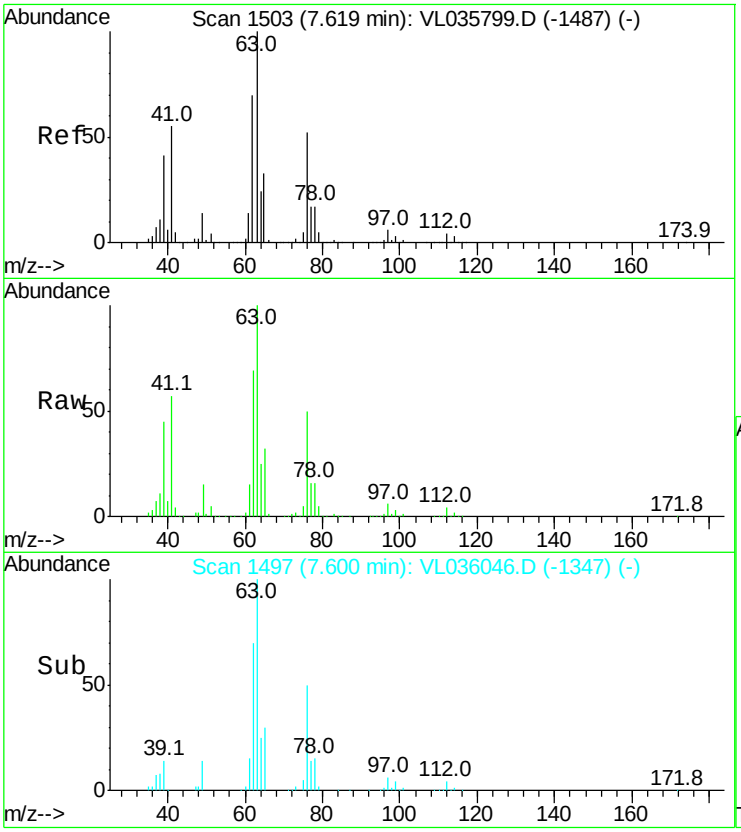


#38
Trichloroethene
Concen: 9.197 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:130 Resp: 1412111

Ion	Ratio	Lower	Upper
130	100		
95	107.6	81.6	122.4
132	98.3	75.1	112.7
97	70.6	54.6	81.8



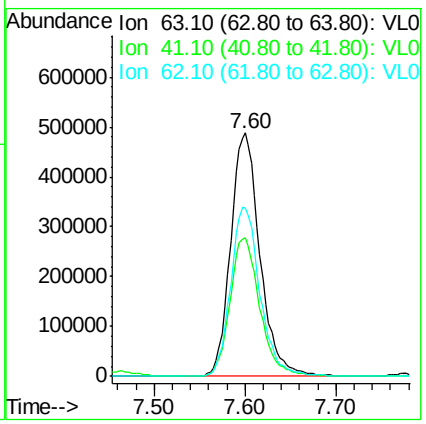


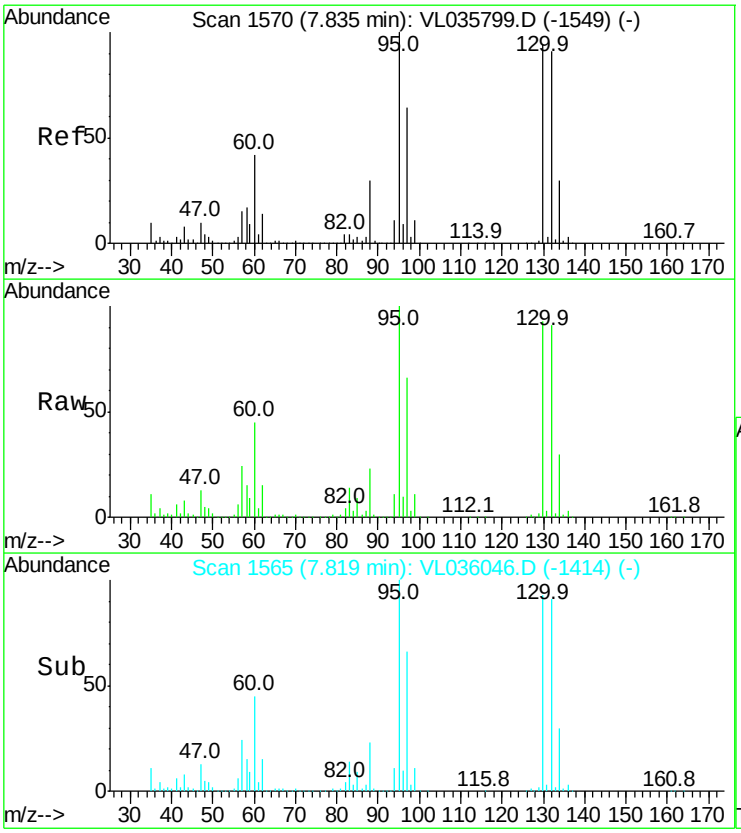
#39
1,2-Dichloropropane
Concen: 10.292 ppbv
RT: 7.60 min Scan# 1497
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 1089219

Ion	Ratio	Lower	Upper
63	100		
41	56.7	43.8	65.6
62	69.1	56.2	84.2

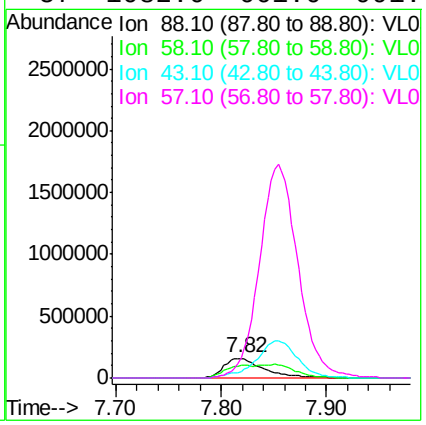


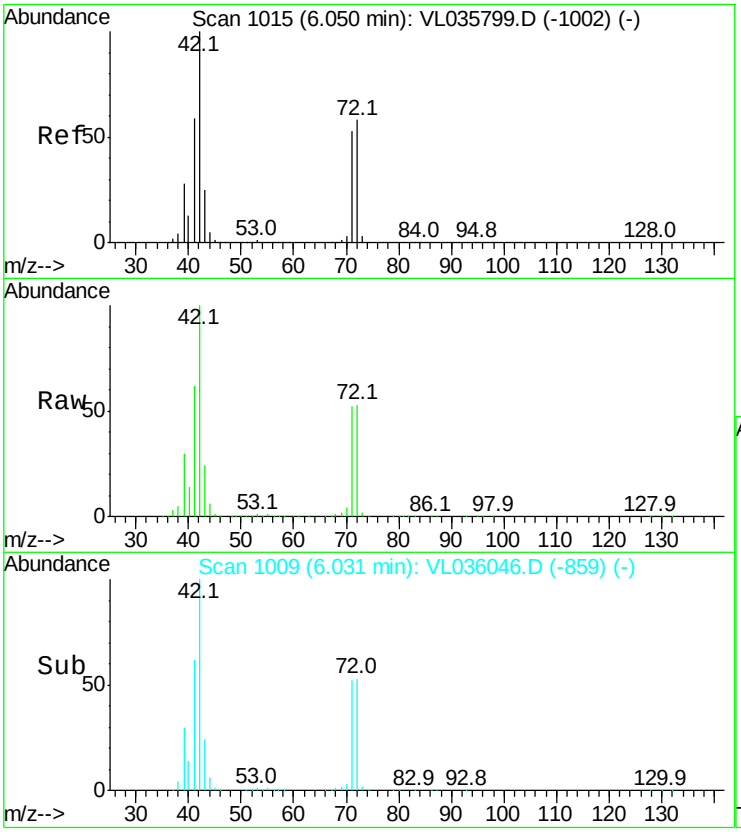


#40
1,4-Dioxane
Concen: 8.123 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 88 Resp: 407430

Ion	Ratio	Lower	Upper
88	100		
58	113.8	76.2	114.2
43	204.1	123.1	184.7#
57	1082.0	661.0	991.4#



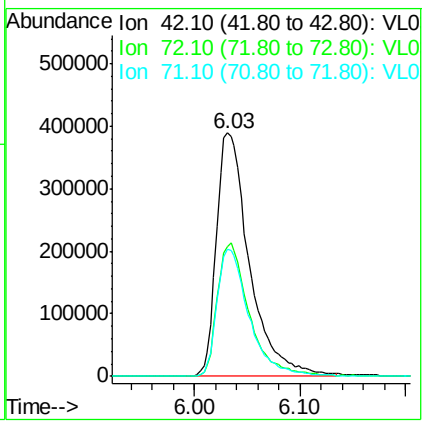


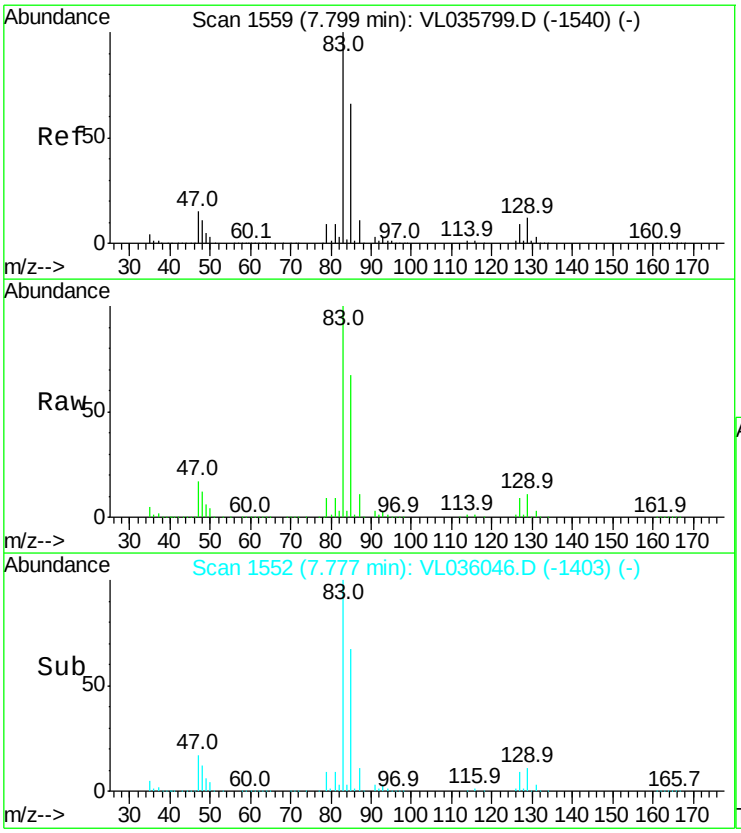
#41
Tetrahydrofuran
Concen: 10.839 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 844990

Ion	Ratio	Lower	Upper
42	100		
72	53.4	45.4	68.0
71	51.2	43.4	65.2

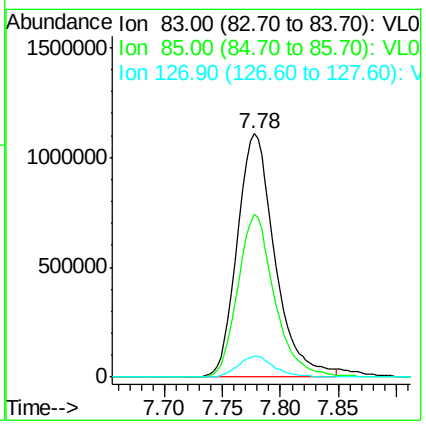


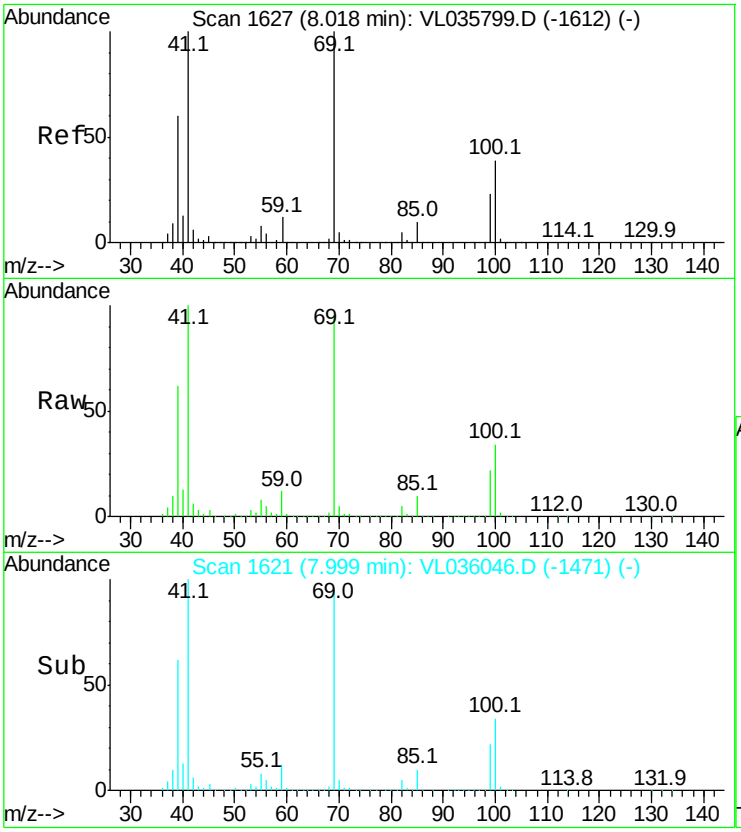


#42
Bromodichloromethane
Concen: 10.449 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 83 Resp: 2510776

Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.1	79.7
127	8.8	7.3	10.9



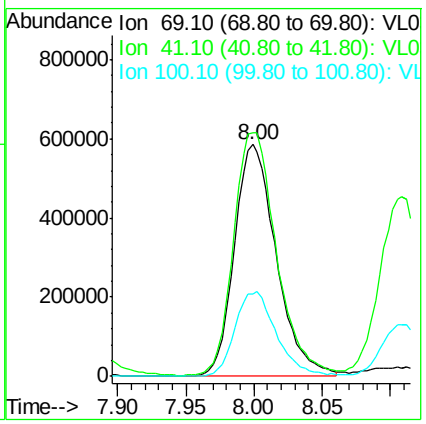


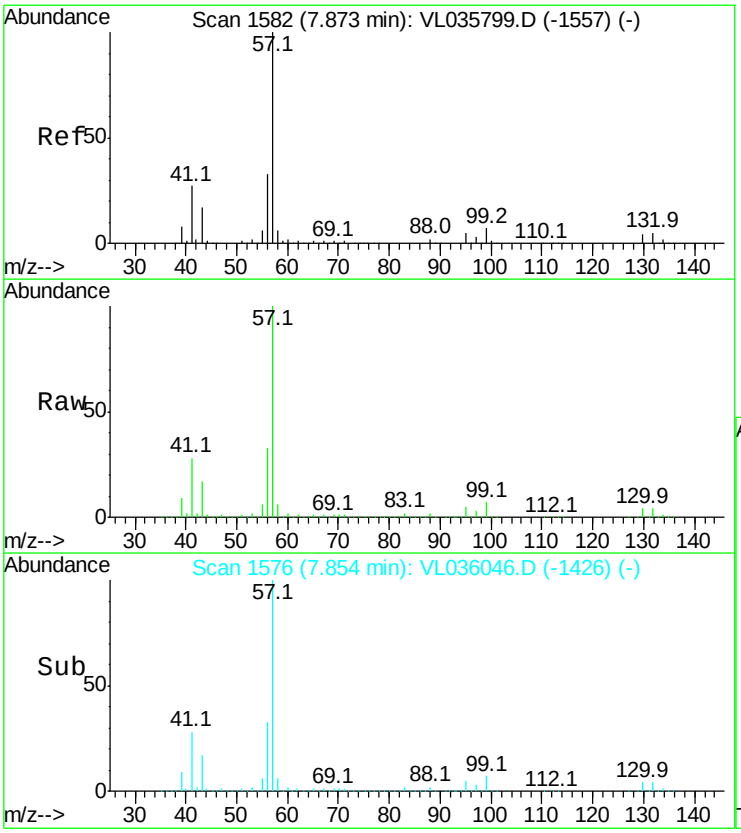
#43
Methyl Methacrylate
Concen: 10.407 ppbv
RT: 8.00 min Scan# 1621
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 1247742

Ion	Ratio	Lower	Upper
69	100		
41	108.1	81.1	121.7
100	36.3	31.0	46.4

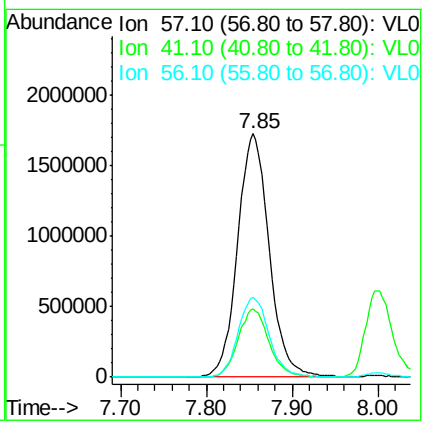


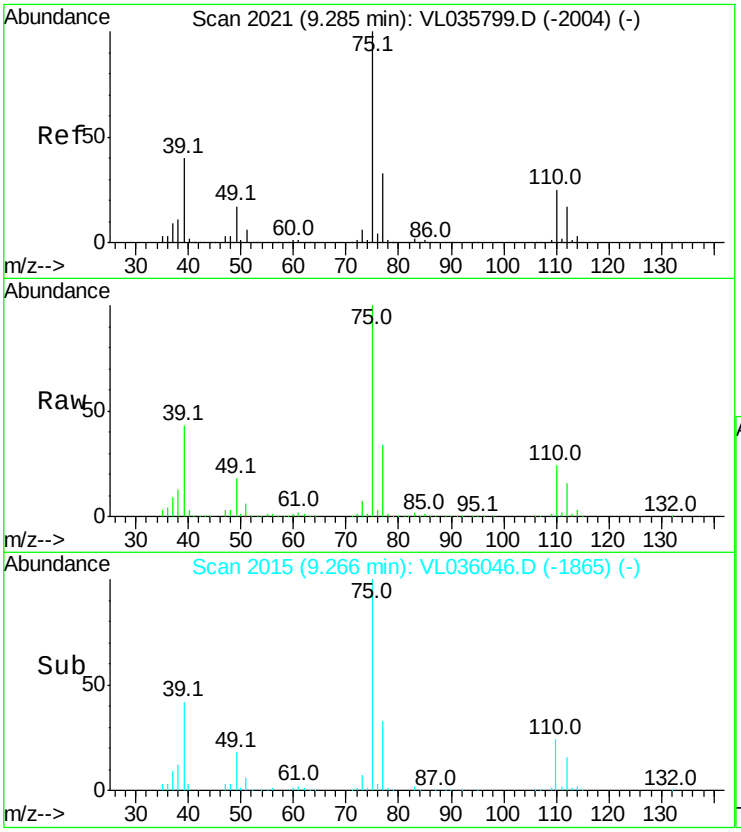


#44
2,2,4-Trimethylpentane
Concen: 10.590 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 57 Resp: 4405180

Ion	Ratio	Lower	Upper
57	100		
41	27.4	21.0	31.4
56	32.2	25.4	38.0



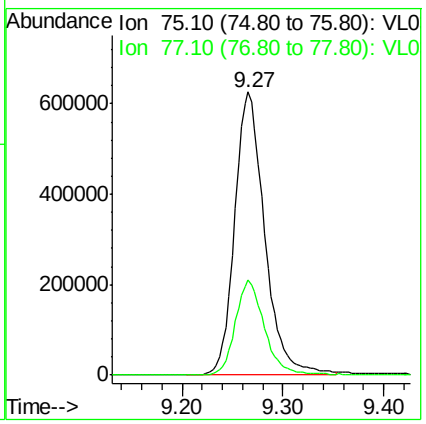


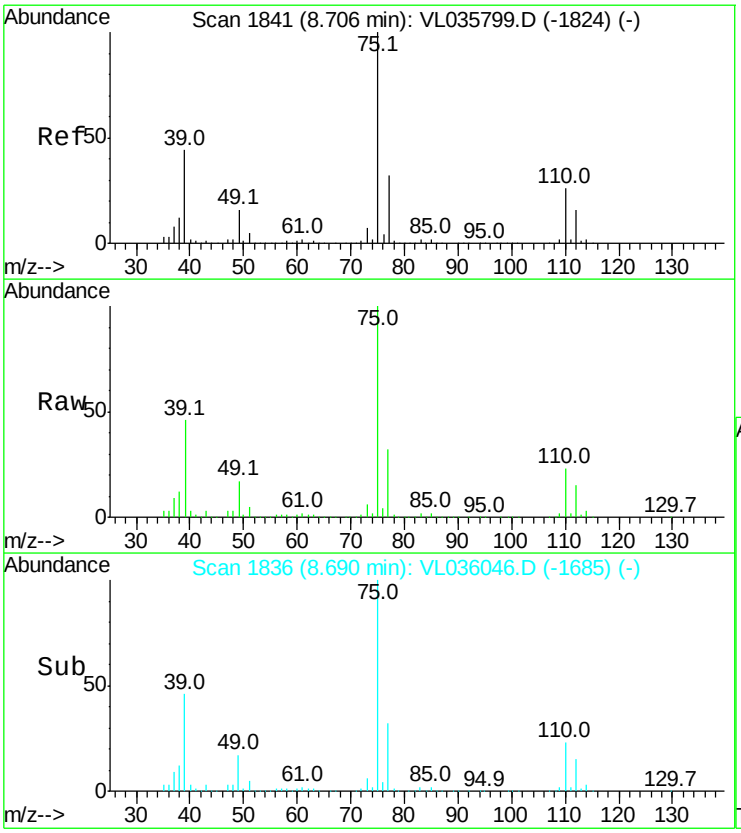
#45
t-1,3-Dichloropropene
Concen: 10.159 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1291301

Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.4	39.6

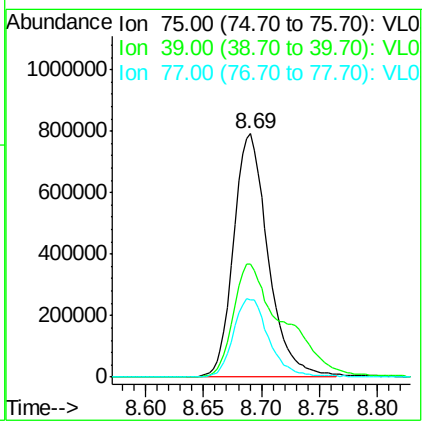


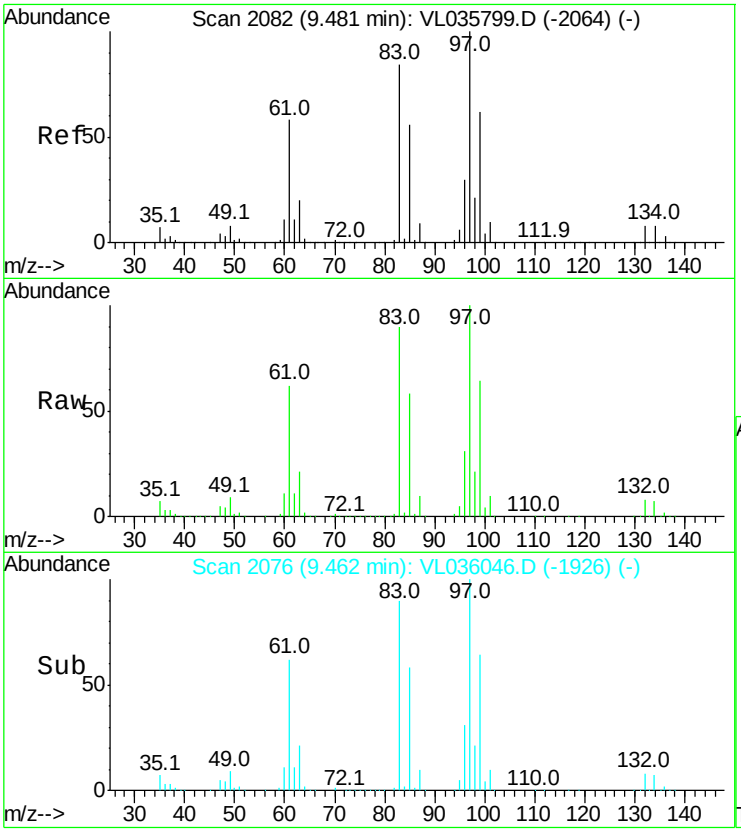


#46
cis-1,3-Dichloropropene
Concen: 10.175 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 75 Resp: 1637814

Ion	Ratio	Lower	Upper
75	100		
39	46.2	35.1	52.7
77	31.9	25.7	38.5



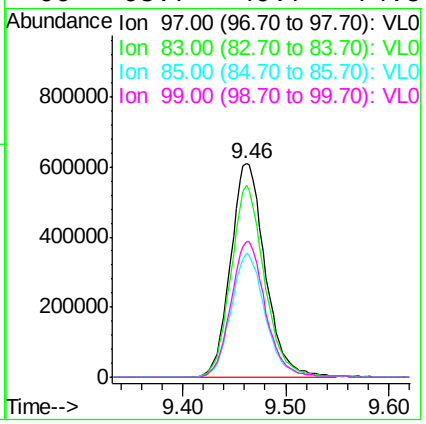


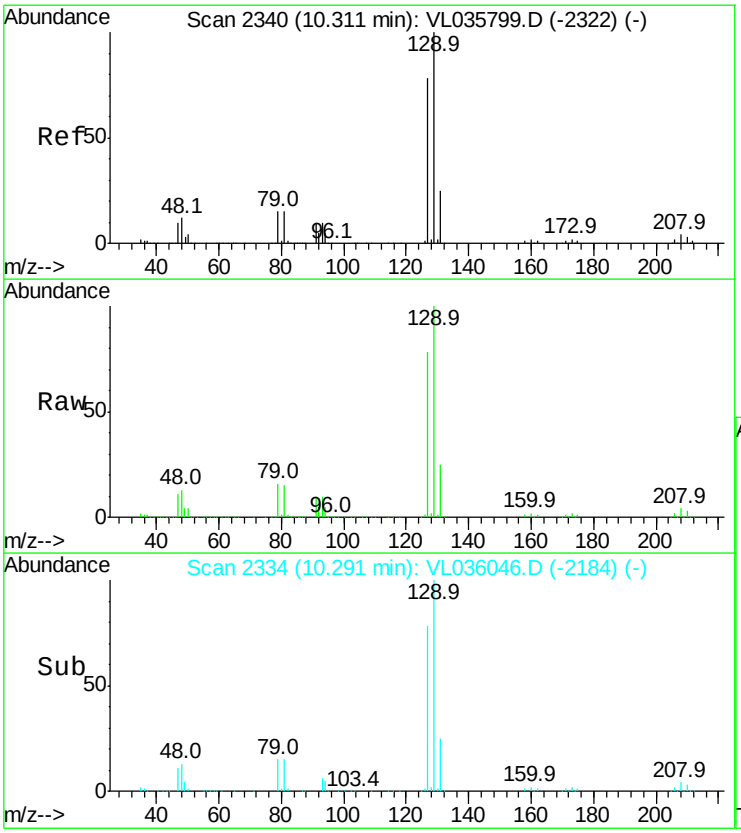
#47
1,1,2-Trichloroethane
Concen: 9.877 ppbv
RT: 9.46 min Scan# 2076
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1424337

Ion	Ratio	Lower	Upper
97	100		
83	90.1	67.1	100.7
85	58.2	44.7	67.1
99	63.7	49.7	74.5

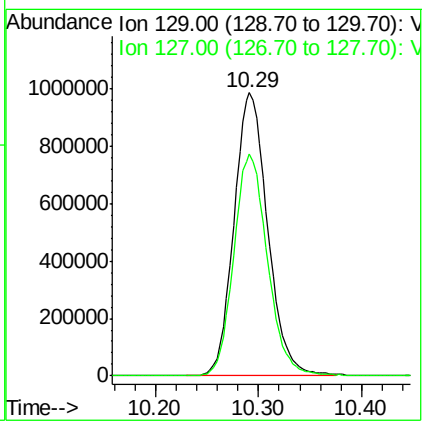


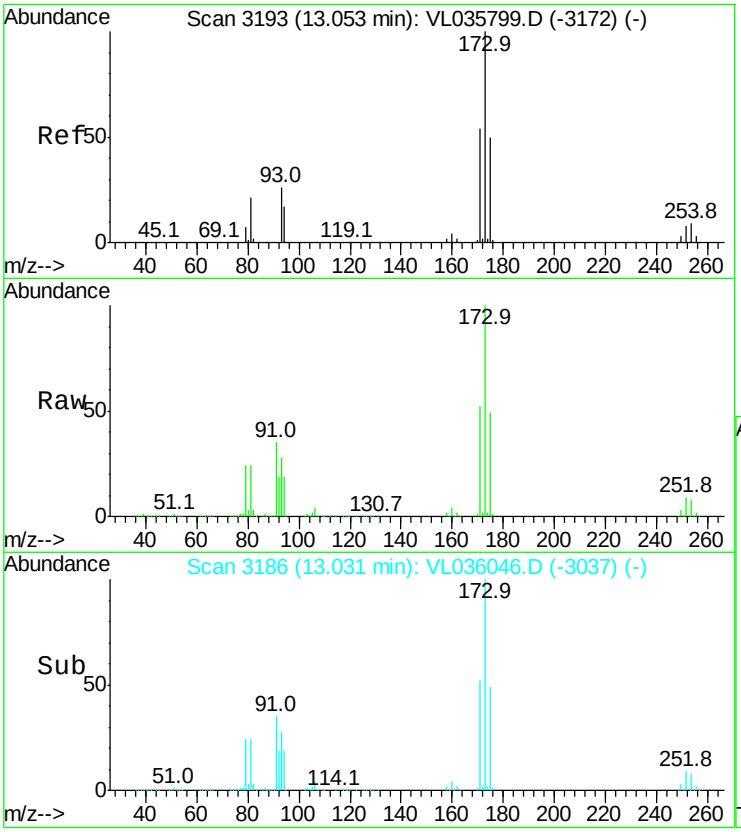


#48
Dibromochloromethane
Concen: 10.177 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:129 Resp: 2242006

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.2	117.6



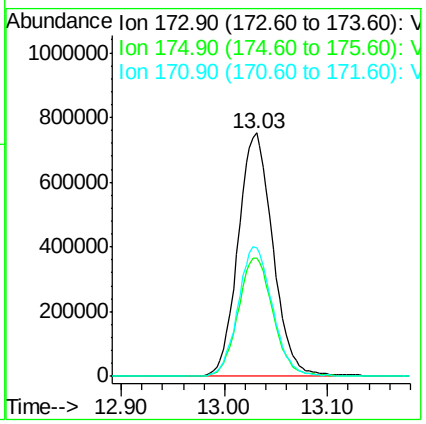


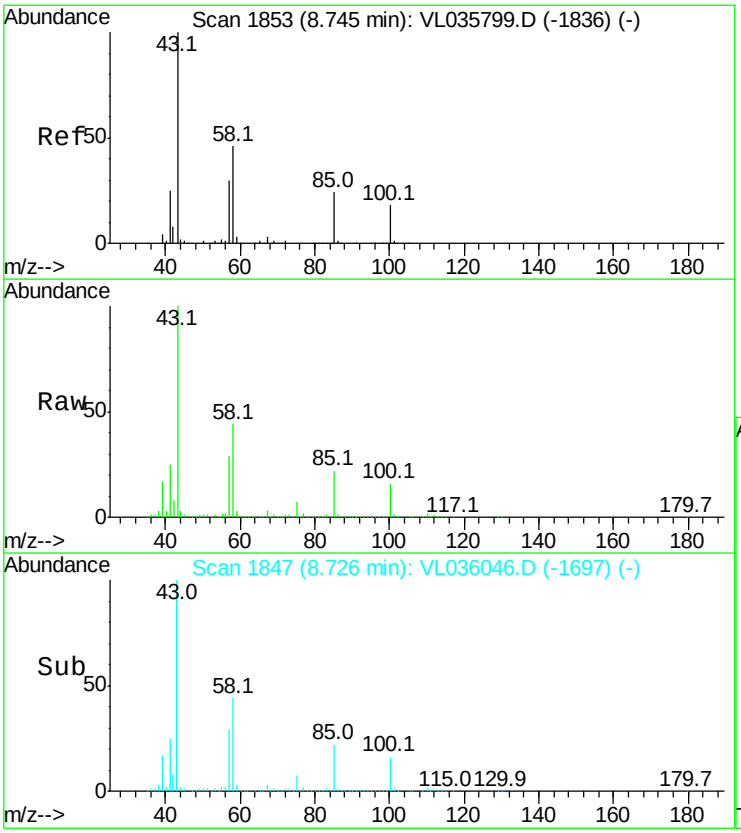
#49
Bromoform
Concen: 9.449 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1756481

Ion	Ratio	Lower	Upper
173	100		
175	49.4	40.1	60.1
171	53.2	42.6	63.8

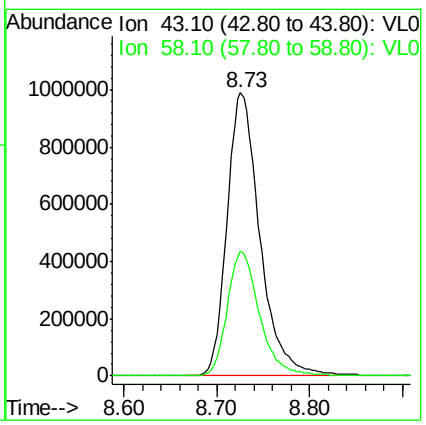


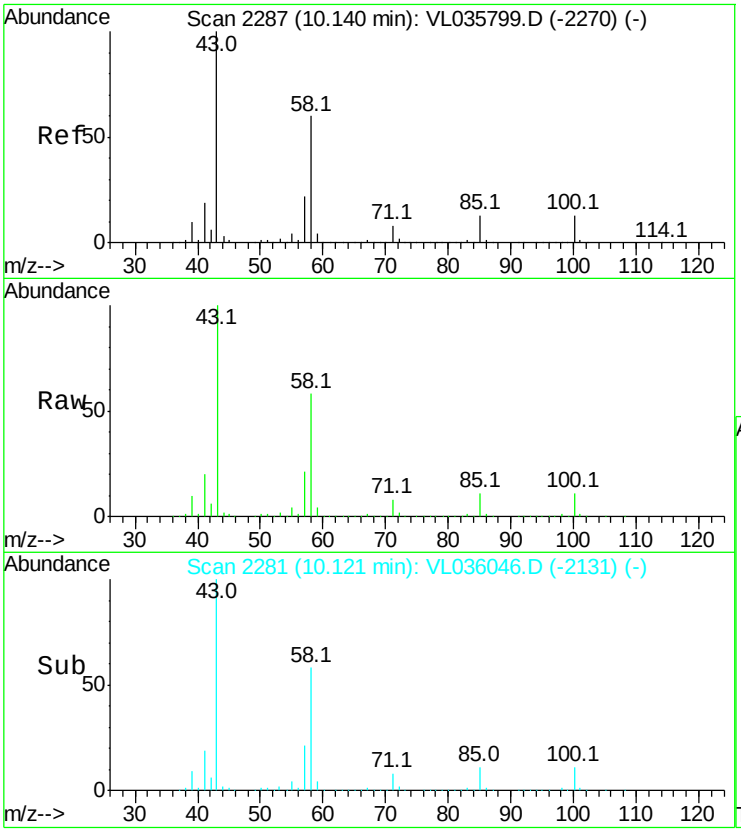


#50
4-Methyl-2-Pentanone
Concen: 11.569 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 43 Resp: 2427559

Ion	Ratio	Lower	Upper
43	100		
58	43.4	36.0	54.0



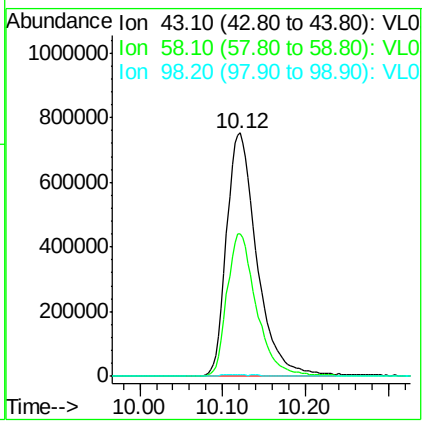


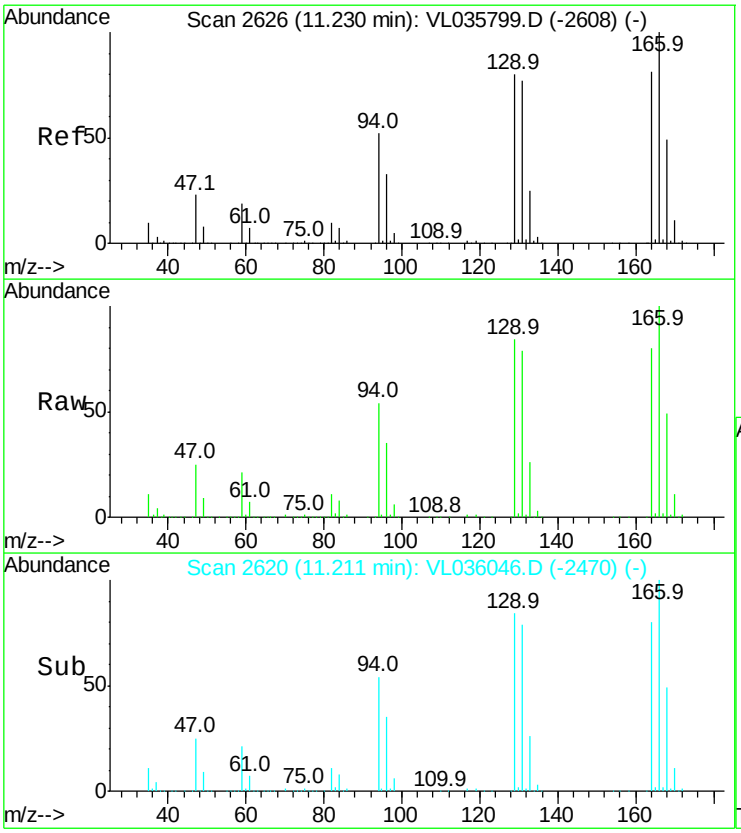
#51
2-Hexanone
Concen: 11.415 ppbv
RT: 10.12 min Scan# 2281
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1924183

Ion	Ratio	Lower	Upper
43	100		
58	57.1	48.3	72.5
98	1.0	0.6	0.8#

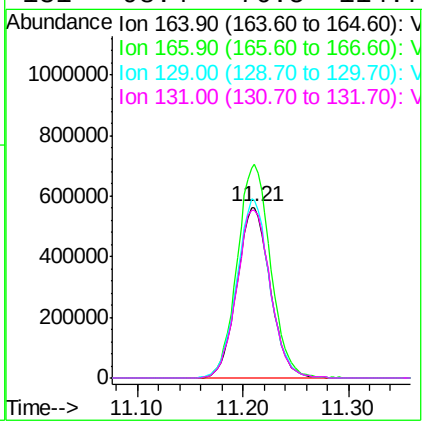


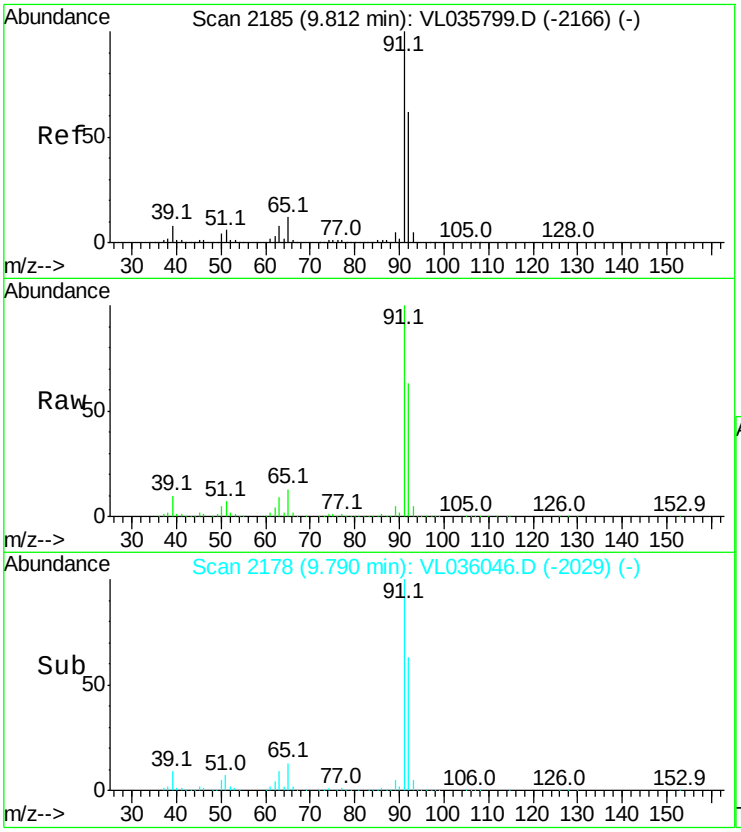


#52
Tetrachloroethene
Concen: 8.271 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:164 Resp: 1231676

Ion	Ratio	Lower	Upper
164	100		
166	125.2	99.3	148.9
129	104.6	79.3	118.9
131	98.4	76.5	114.7



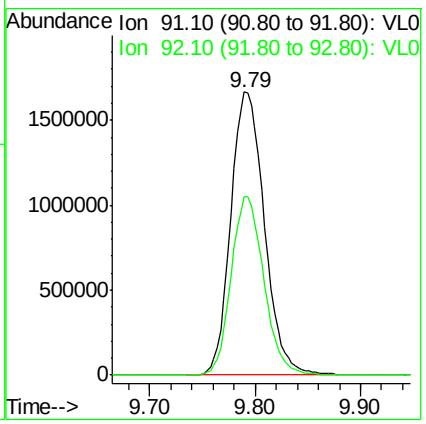


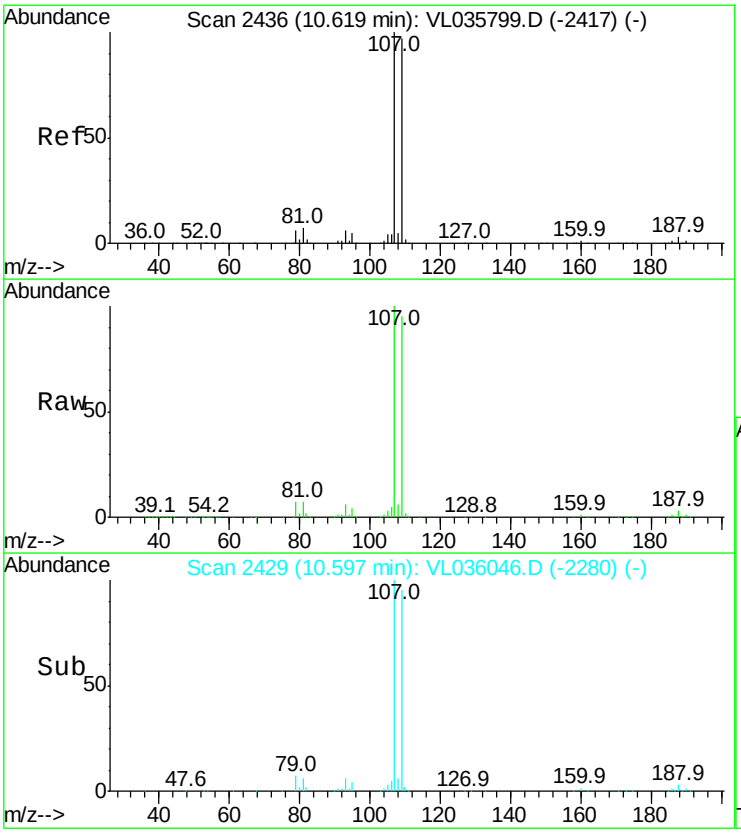
#53
Toluene
Concen: 9.727 ppbv
RT: 9.79 min Scan# 2178
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3689269

Ion	Ratio	Lower	Upper
91	100		
92	61.6	49.8	74.6

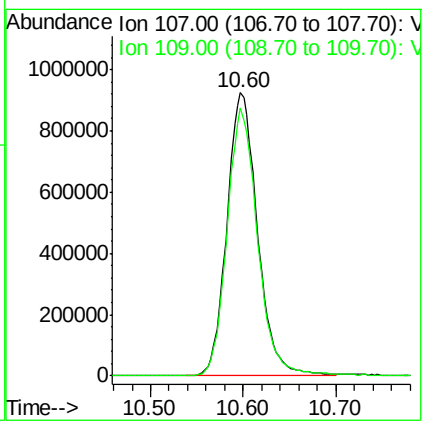


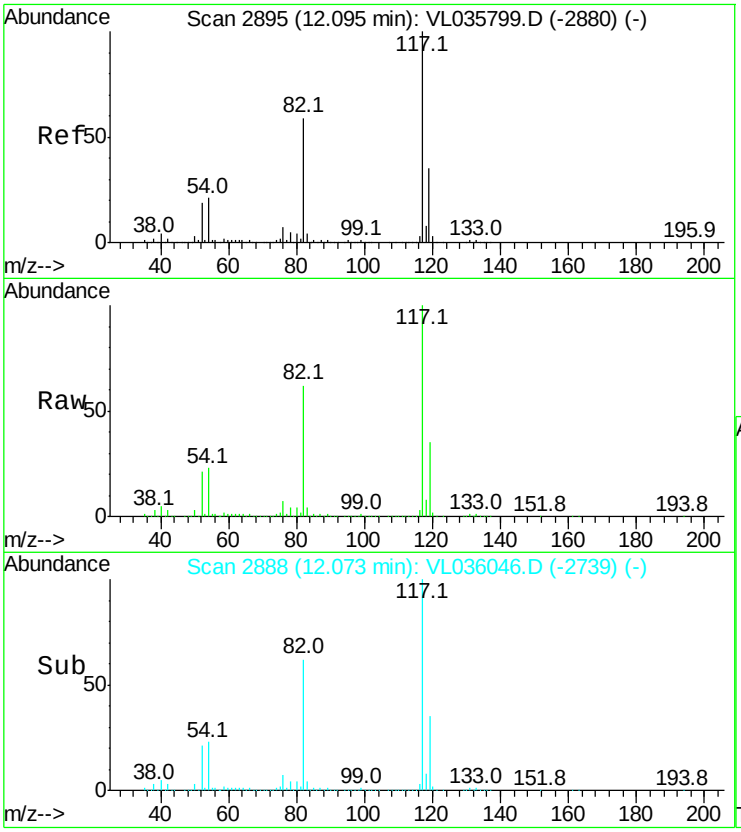


#54
1,2-Dibromoethane
Concen: 9.646 ppbv
RT: 10.60 min Scan# 2429
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:107 Resp: 2115509

Ion	Ratio	Lower	Upper
107	100		
109	94.6	77.2	115.8



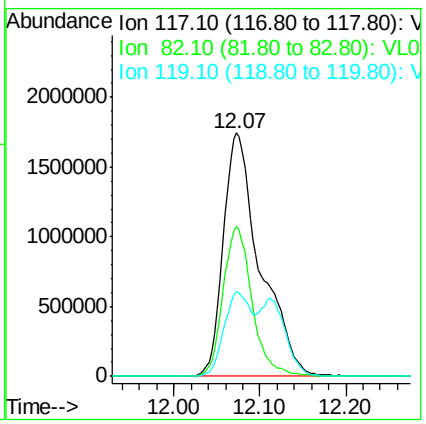


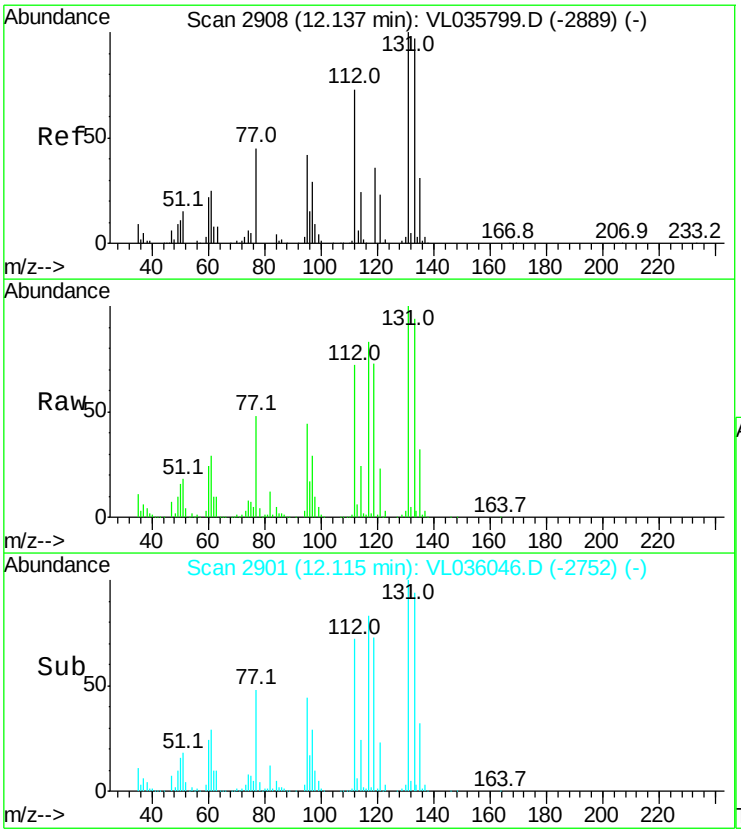
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 5193408

Ion	Ratio	Lower	Upper
117	100		
82	48.6	50.6	76.0#
119	27.9	52.6	78.8#

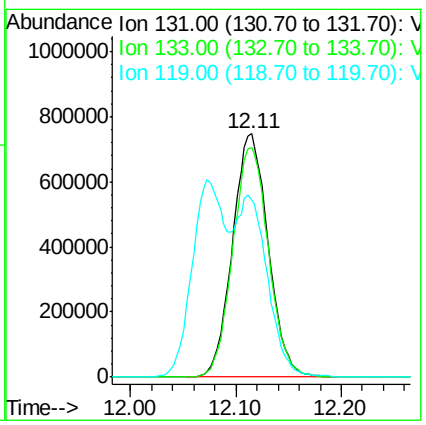


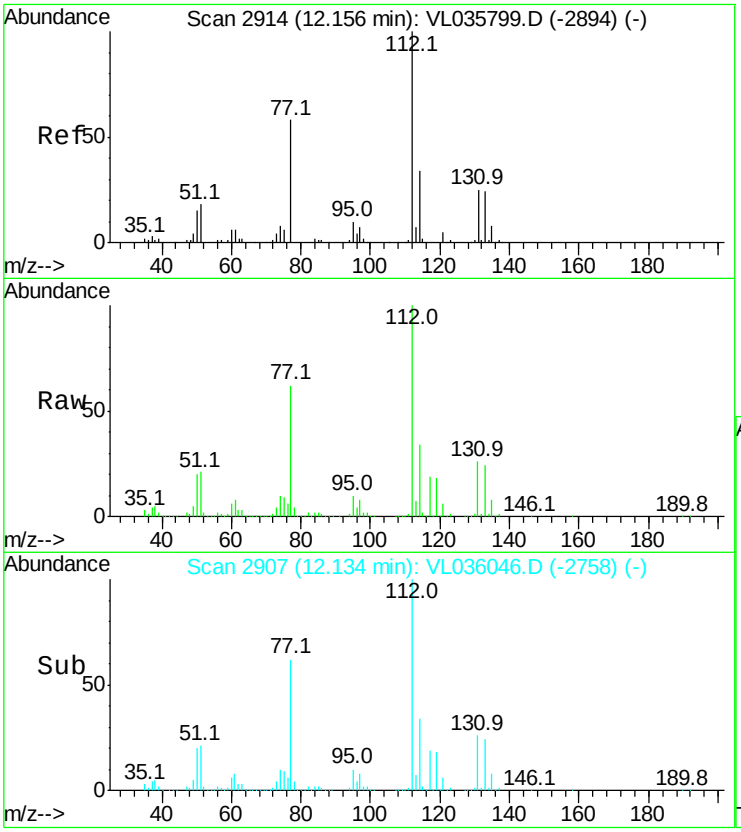


#56
1,1,1,2-Tetrachloroethane
Concen: 7.515 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:131 Resp: 1751730

Ion	Ratio	Lower	Upper
131	100		
133	95.1	76.8	115.2
119	61.9	47.4	71.0



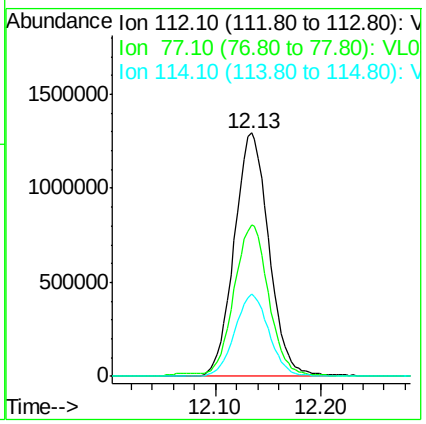


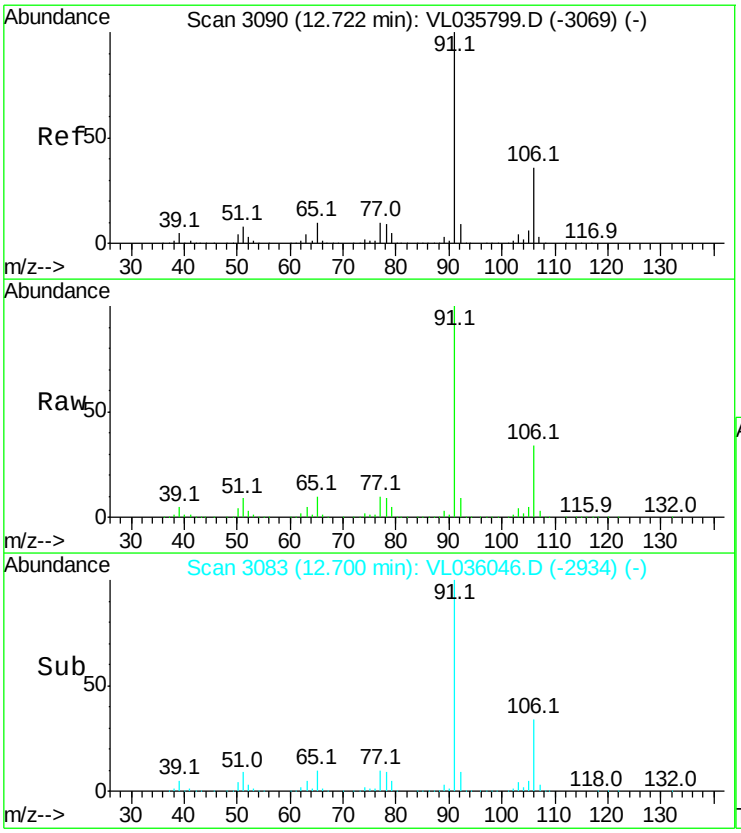
#57
Chlorobenzene
Concen: 7.164 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 2958144

Ion	Ratio	Lower	Upper
112	100		
77	61.6	47.5	71.3
114	33.5	30.3	37.1

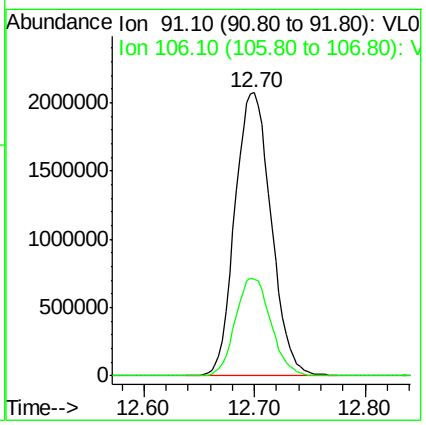


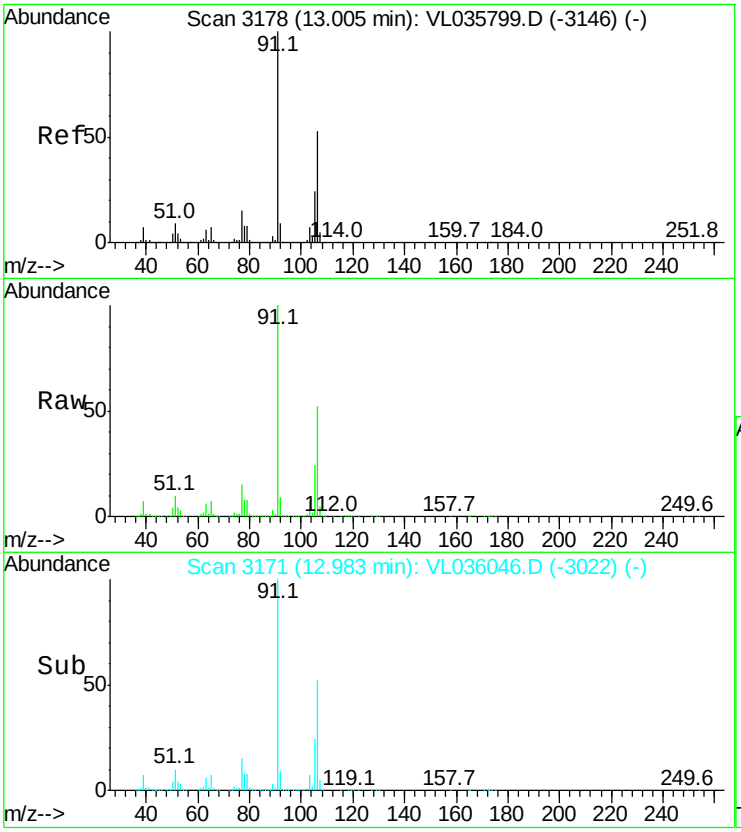


#58
Ethyl Benzene
Concen: 7.472 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 91 Resp: 4726124

Ion	Ratio	Lower	Upper
91	100		
106	34.3	28.6	43.0



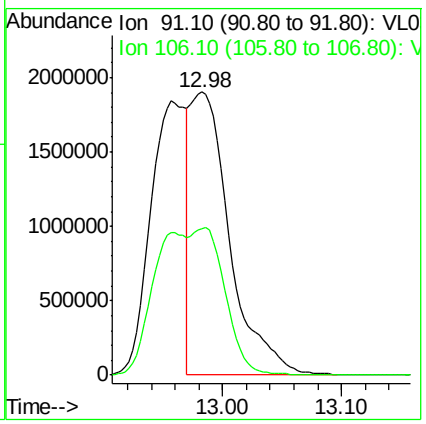


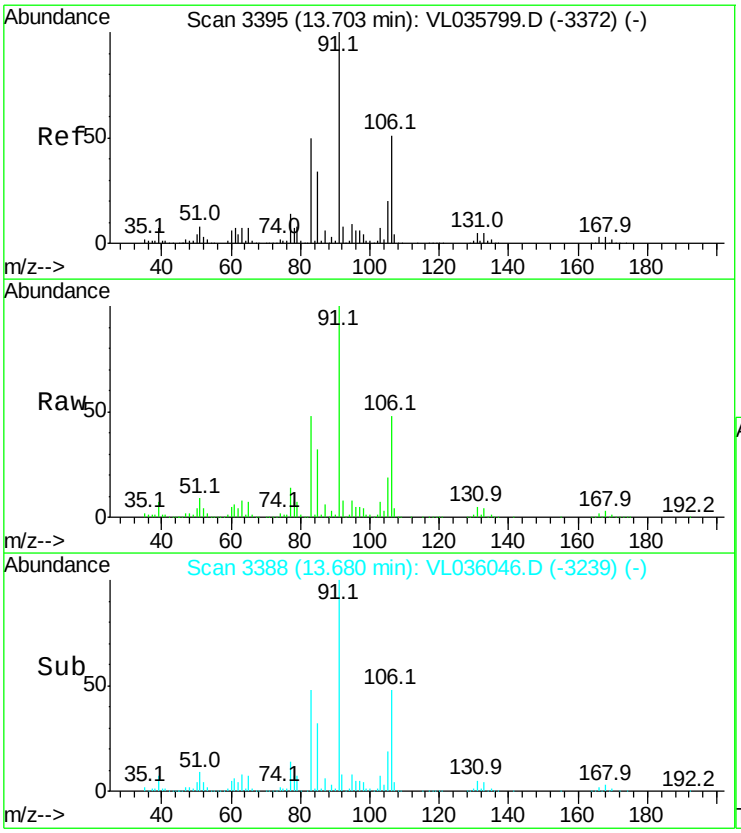
#59
m/p-Xylene
Concen: 8.110 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4340151

Ion	Ratio	Lower	Upper
91	100		
106	91.0	39.5	59.3#

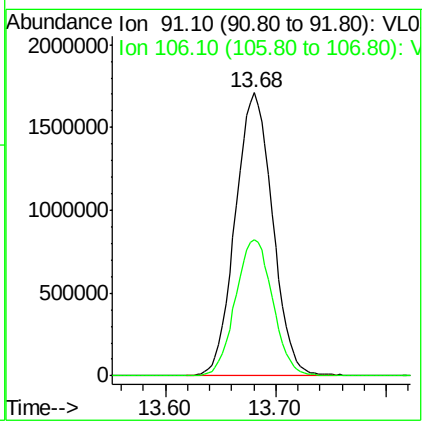


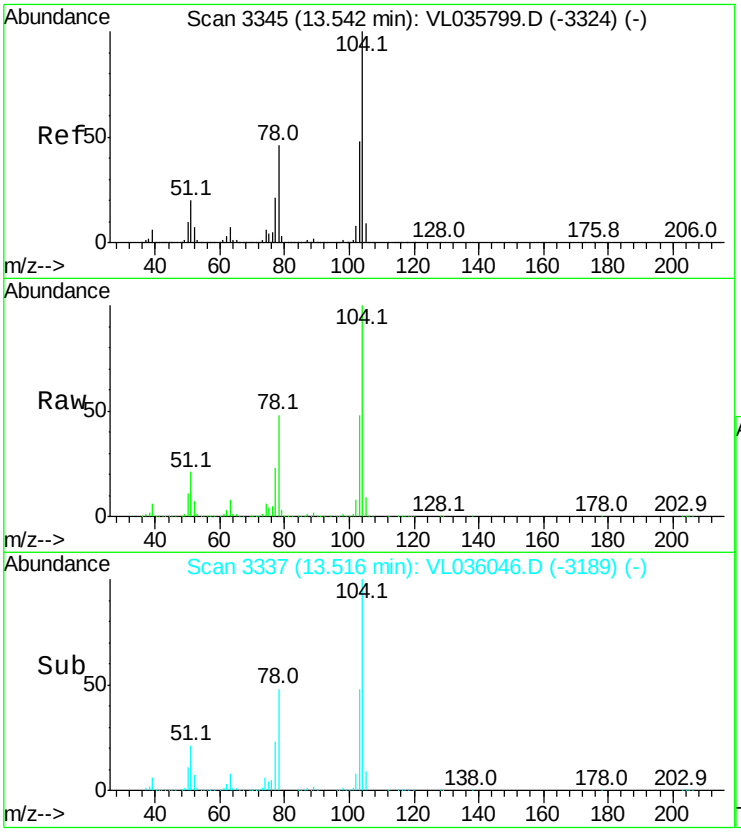


#60
o-Xylene
Concen: 7.680 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 91 Resp: 3998198

Ion	Ratio	Lower	Upper
91	100		
106	48.2	24.8	74.4



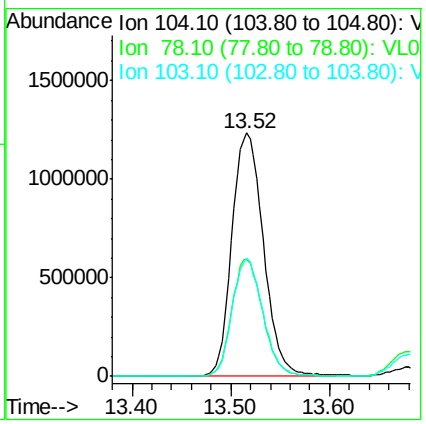


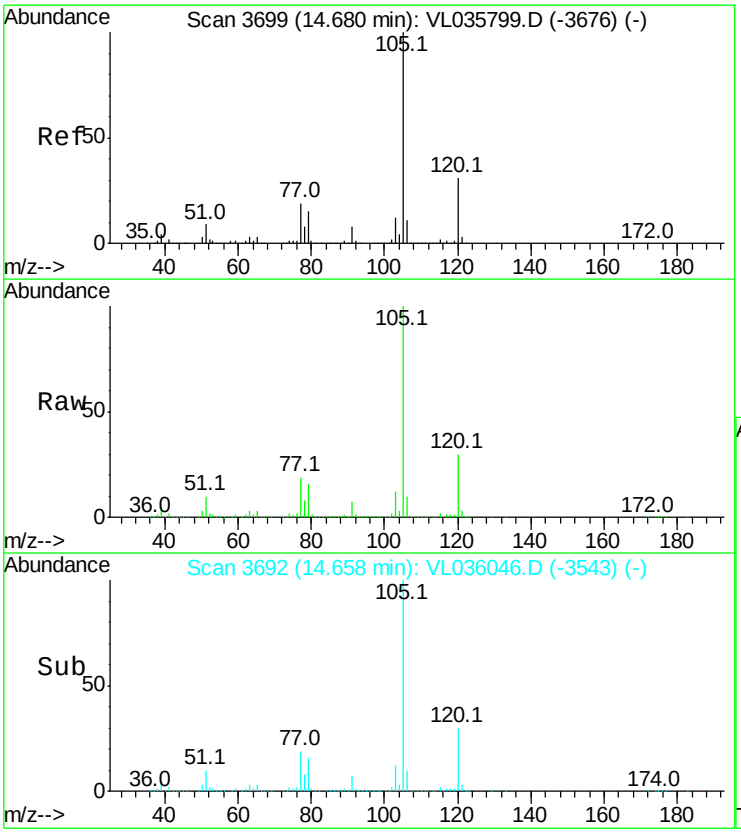
#61
Styrene
Concen: 7.226 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 2756287

Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.1	55.7
103	47.1	37.9	56.9

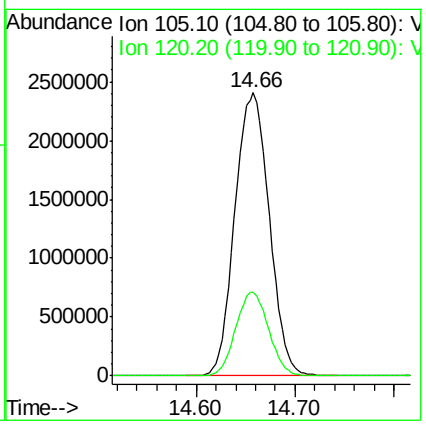


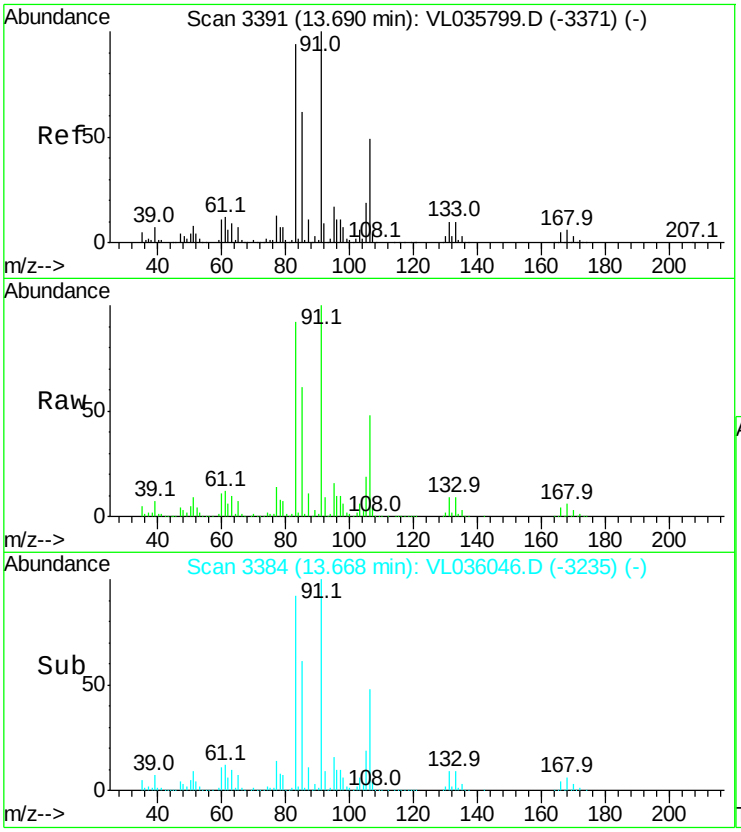


#62
Isopropylbenzene
Concen: 7.109 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:105 Resp: 5816678

Ion	Ratio	Lower	Upper
105	100		
120	28.3	23.5	35.3



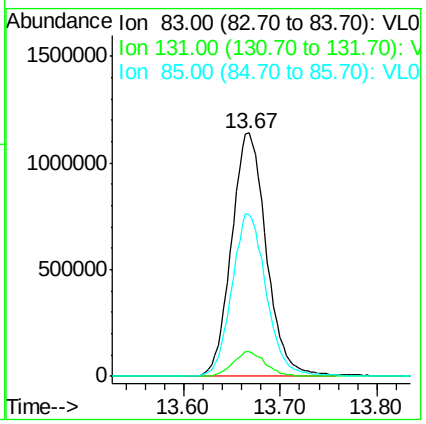


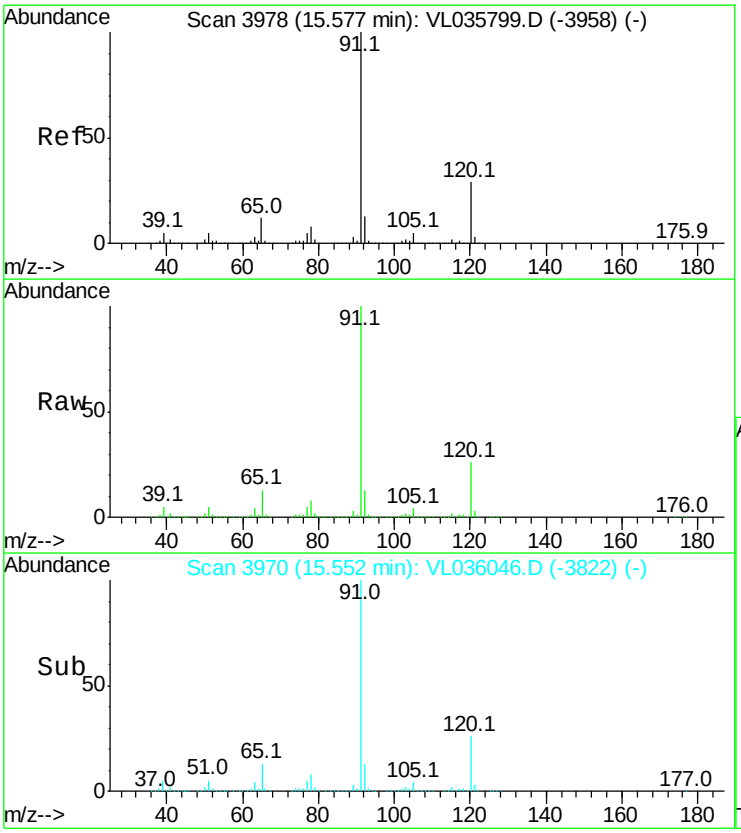
#63
1,1,2,2-Tetrachloroethane
Concen: 7.074 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2853299

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.3	15.8
85	66.6	33.5	100.4

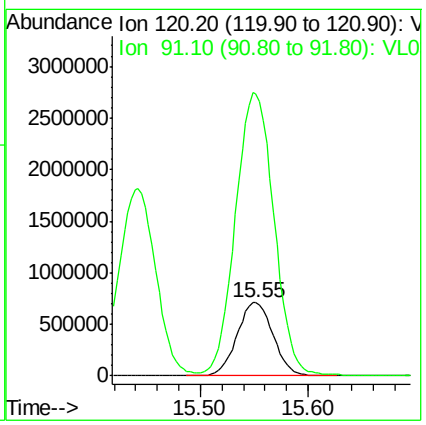


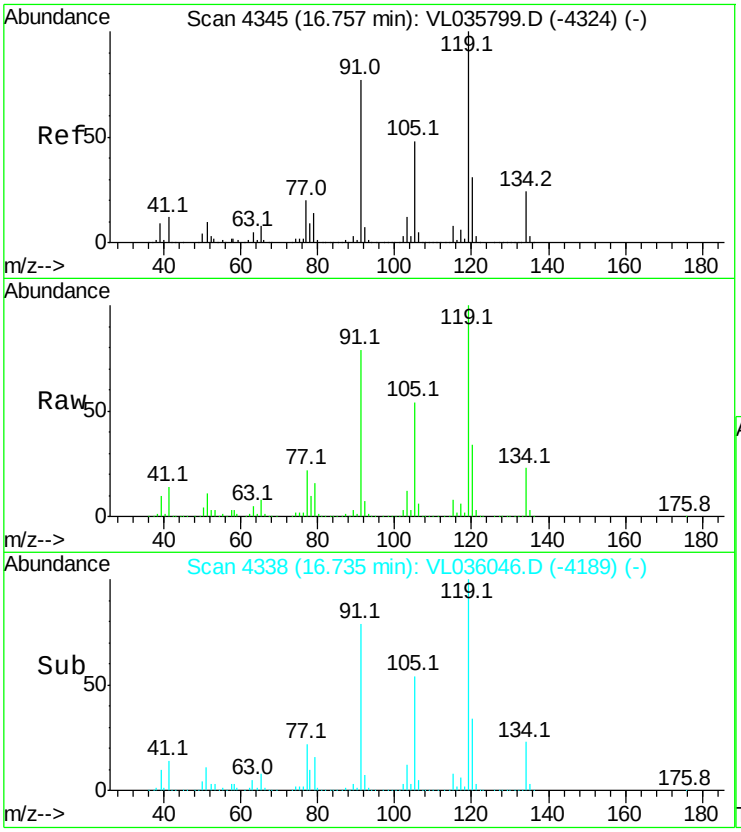


#64
n-propylbenzene
Concen: 6.974 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:120 Resp: 1649299

Ion	Ratio	Lower	Upper
120	100		
91	414.3	311.1	466.7



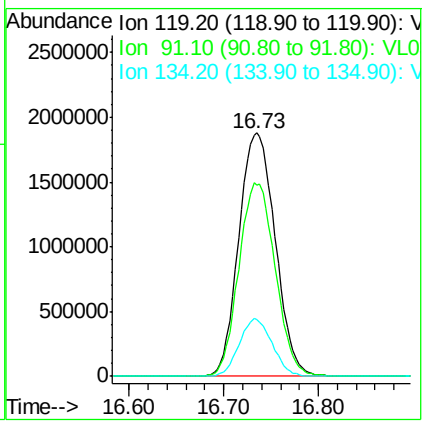


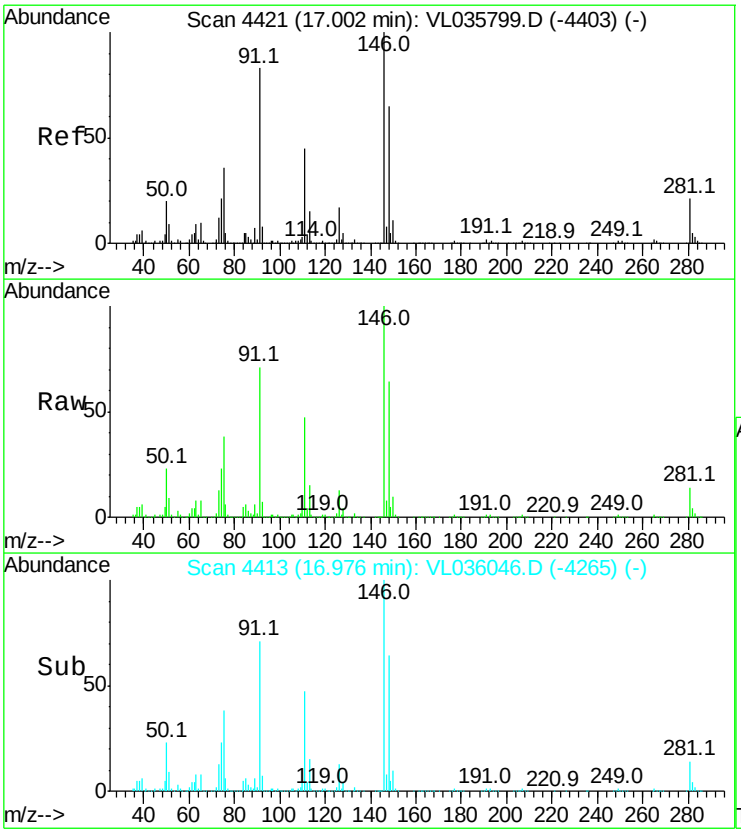
#65
tert-Butylbenzene
Concen: 6.757 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 5032344

Ion	Ratio	Lower	Upper
119	100		
91	79.3	62.0	93.0
134	21.4	17.8	26.8

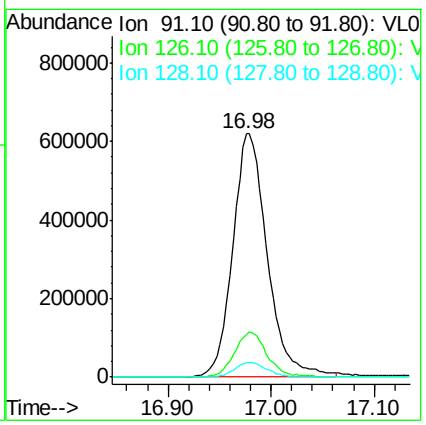


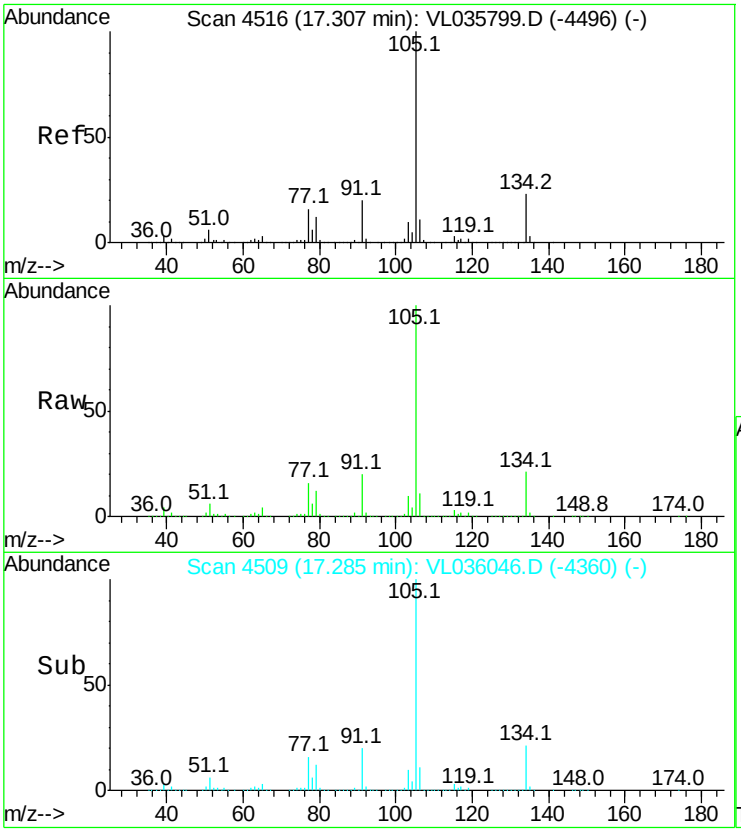


#66
Benzyl Chloride
Concen: 5.825 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 91 Resp: 1434006

Ion	Ratio	Lower	Upper
91	100		
126	17.9	16.0	24.0
128	5.9	5.0	7.4



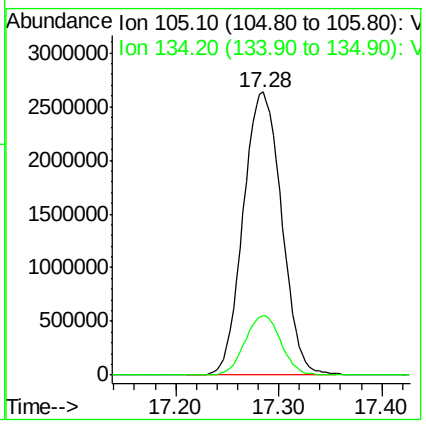


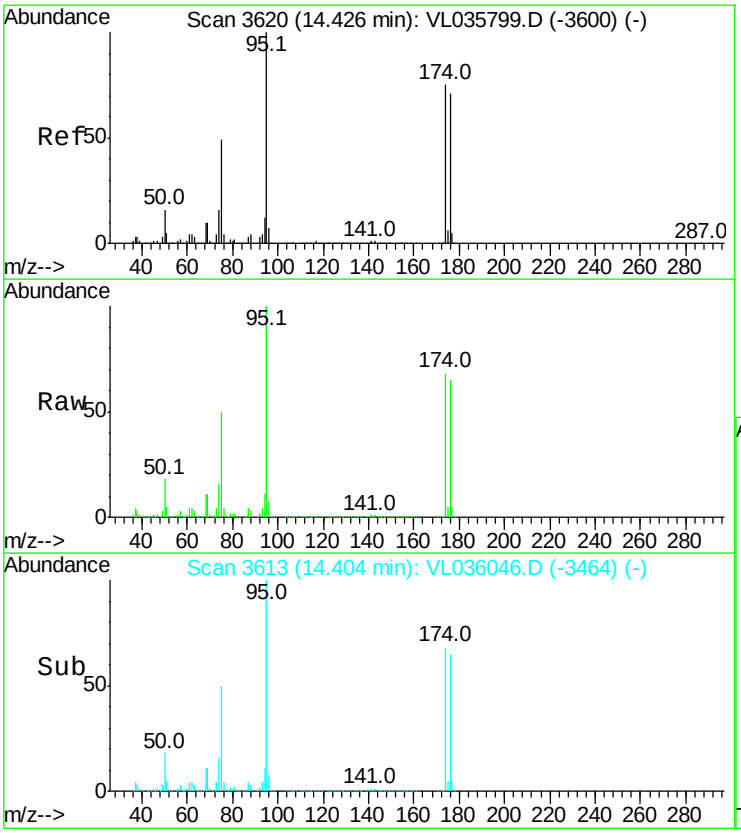
#67
sec-Butylbenzene
Concen: 6.778 ppbv
RT: 17.28 min Scan# 4509
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 6802675

Ion	Ratio	Lower	Upper
105	100		
134	19.8	17.0	25.6

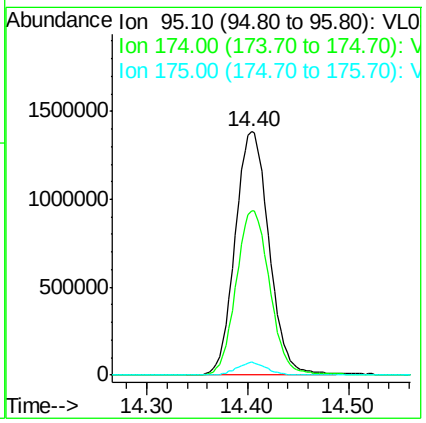


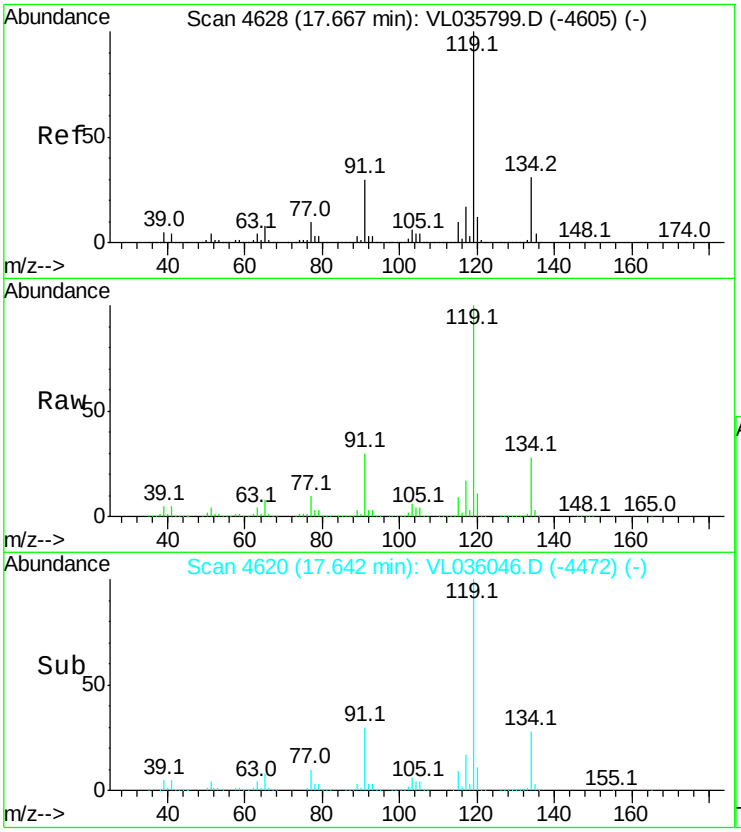


#68
1-Bromo-4-Fluorobenzene
Concen: 8.759 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 95 Resp: 3231965

Ion	Ratio	Lower	Upper
95	100		
174	67.7	59.8	89.6
175	4.8	4.3	6.5



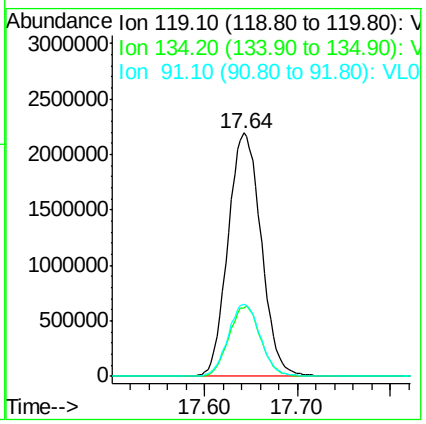


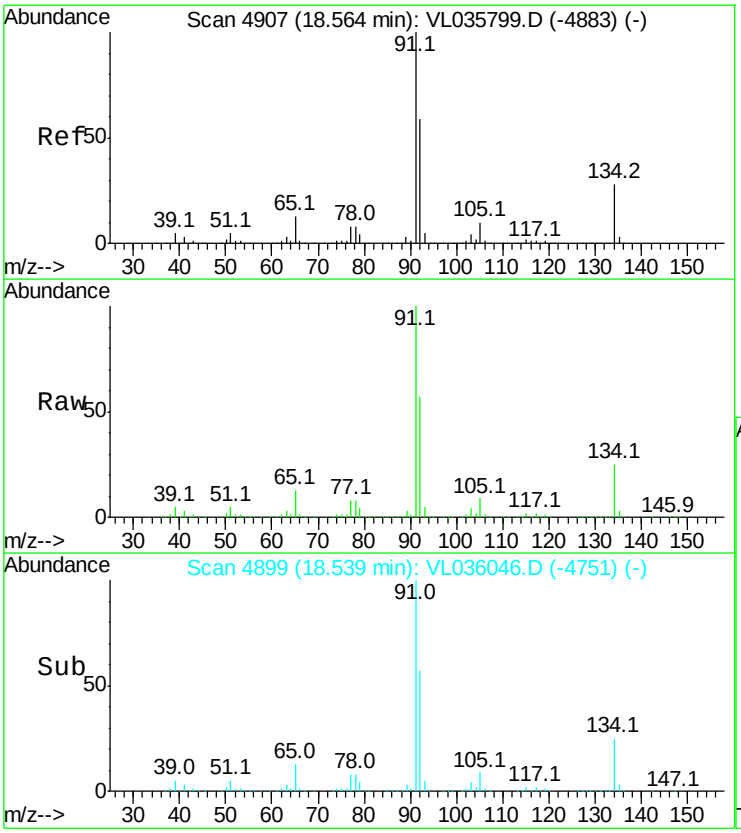
#69
p-Isopropyltoluene
Concen: 6.561 ppbv
RT: 17.64 min Scan# 4620
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 5433942

Ion	Ratio	Lower	Upper
119	100		
134	27.7	23.0	34.6
91	29.0	22.8	34.2

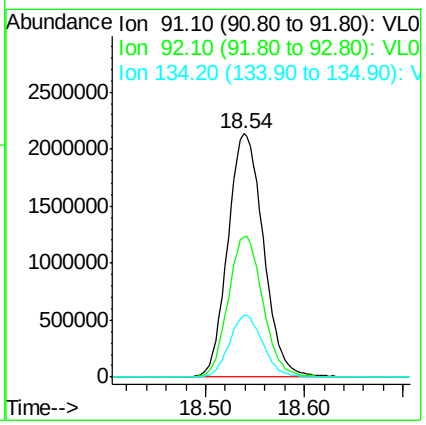


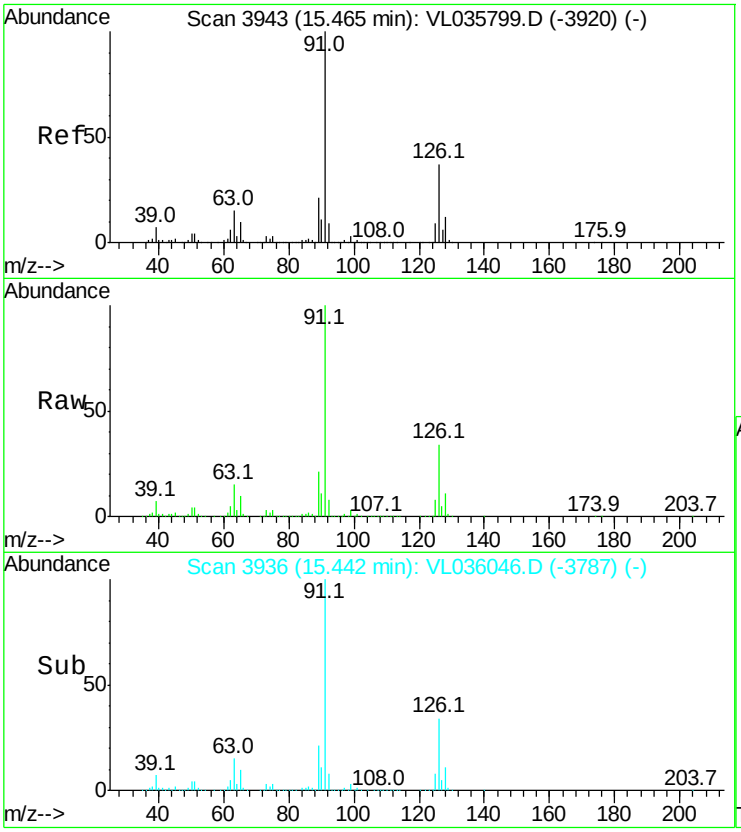


#70
n-Butylbenzene
Concen: 6.706 ppbv
RT: 18.54 min Scan# 4899
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion: 91 Resp: 5349111

Ion	Ratio	Lower	Upper
91	100		
92	56.5	45.7	68.5
134	24.0	21.0	31.4



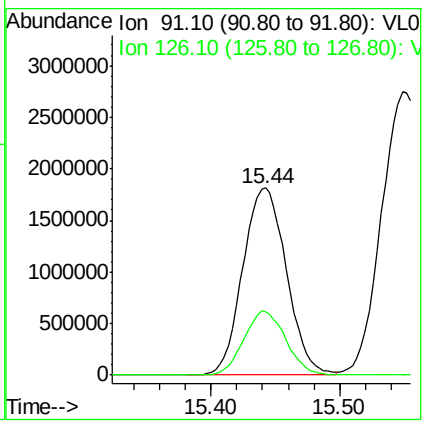


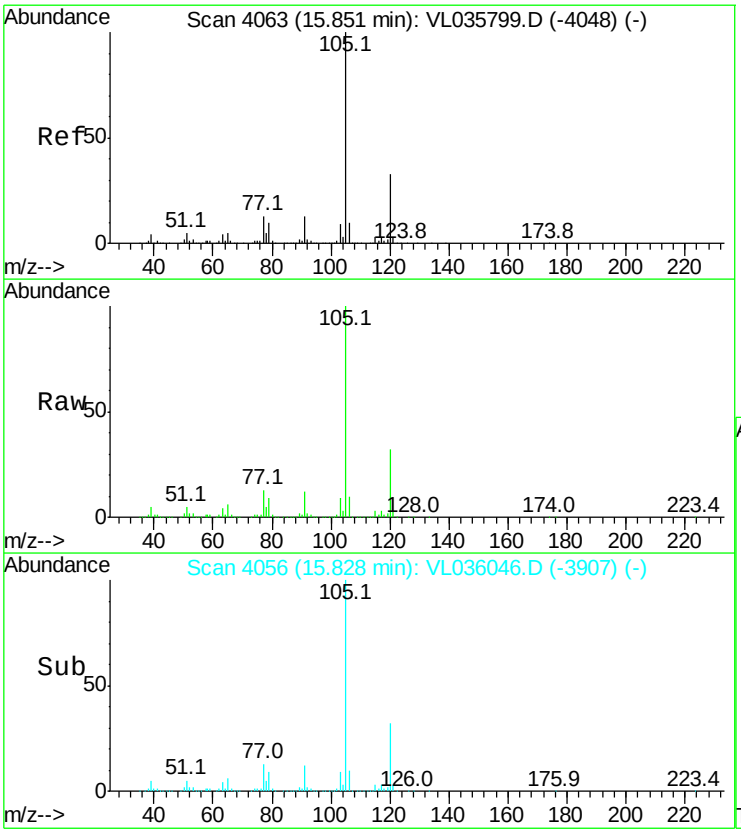
#71
2-Chlorotoluene
Concen: 7.147 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 4277490

Ion	Ratio	Lower	Upper
91	100		
126	33.1	14.3	57.1

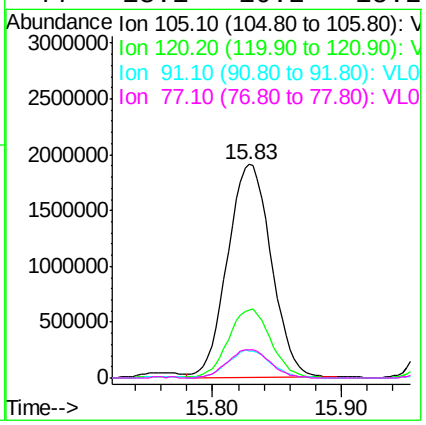


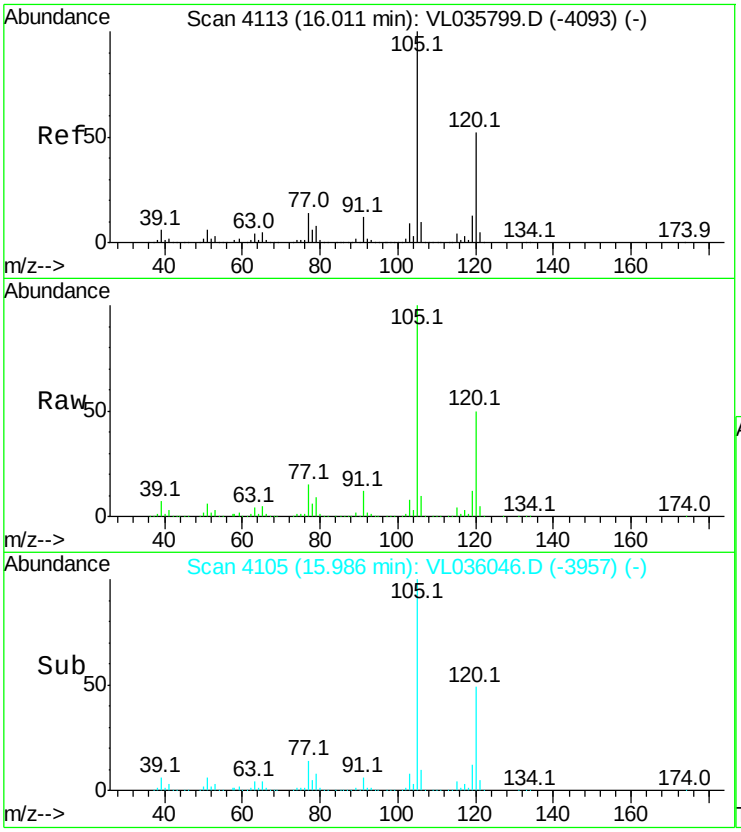


#72
4-Ethyltoluene
Concen: 7.115 ppbv
RT: 15.83 min Scan# 4056
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:105 Resp: 4491991

Ion	Ratio	Lower	Upper
105	100		
120	31.6	25.9	38.9
91	12.6	9.9	14.9
77	13.1	10.2	15.2



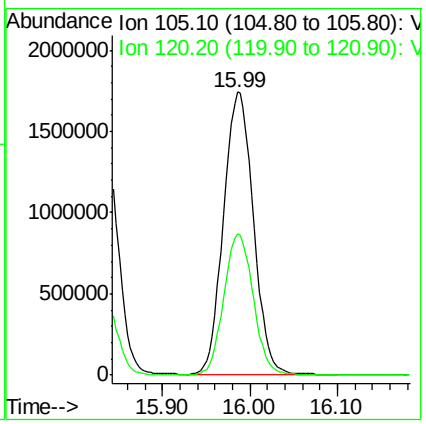


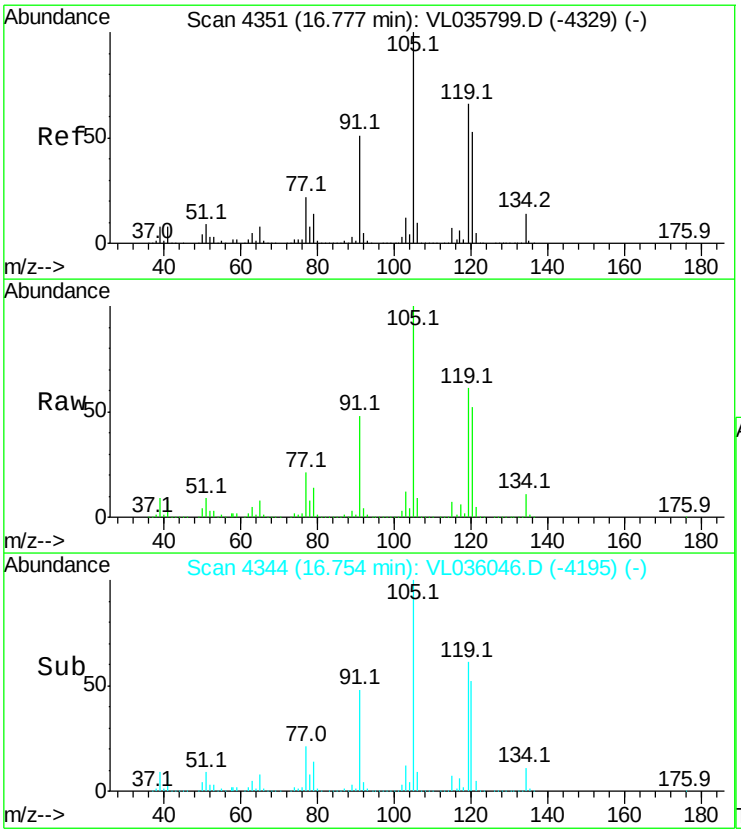
#73
1,3,5-Trimethylbenzene
Concen: 7.117 ppbv
RT: 15.99 min Scan# 4105
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4112510

Ion	Ratio	Lower	Upper
105	100		
120	49.8	41.4	62.2

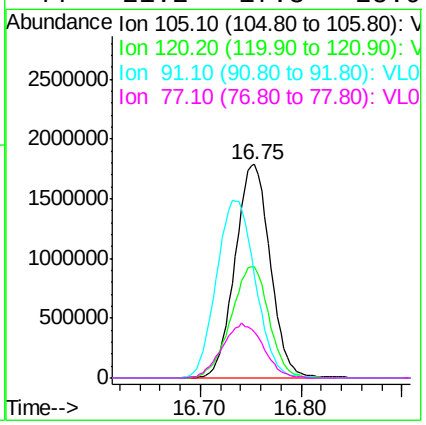


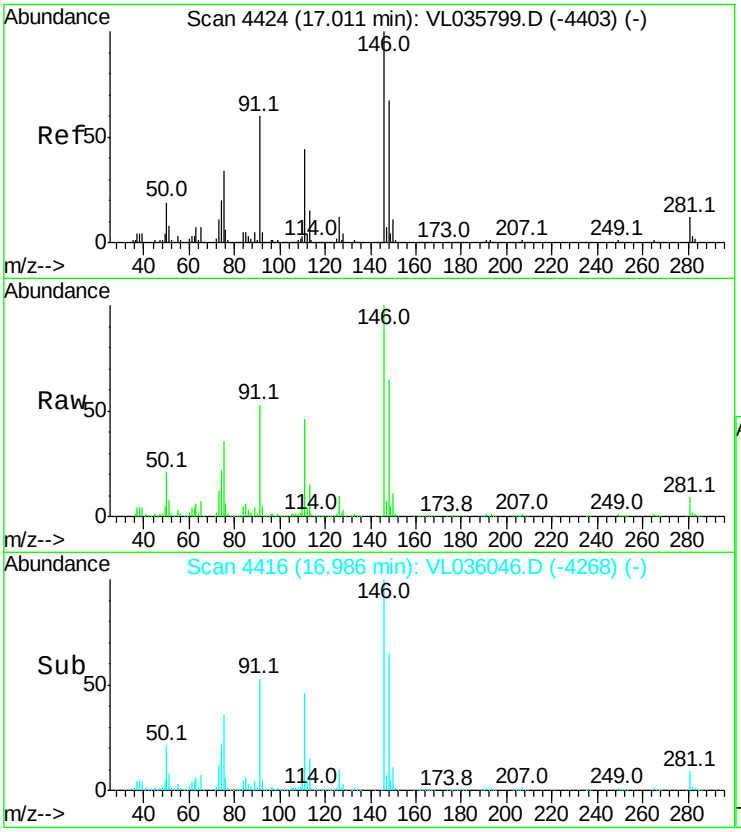


#74
1,2,4-Trimethylbenzene
Concen: 6.971 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:105 Resp: 4315639

Ion	Ratio	Lower	Upper
105	100		
120	51.9	42.0	63.0
91	47.6	41.0	61.6
77	21.2	17.3	25.9



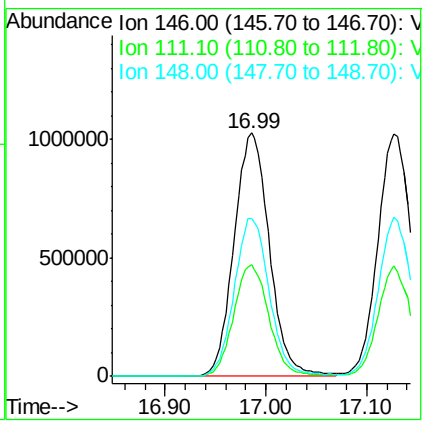


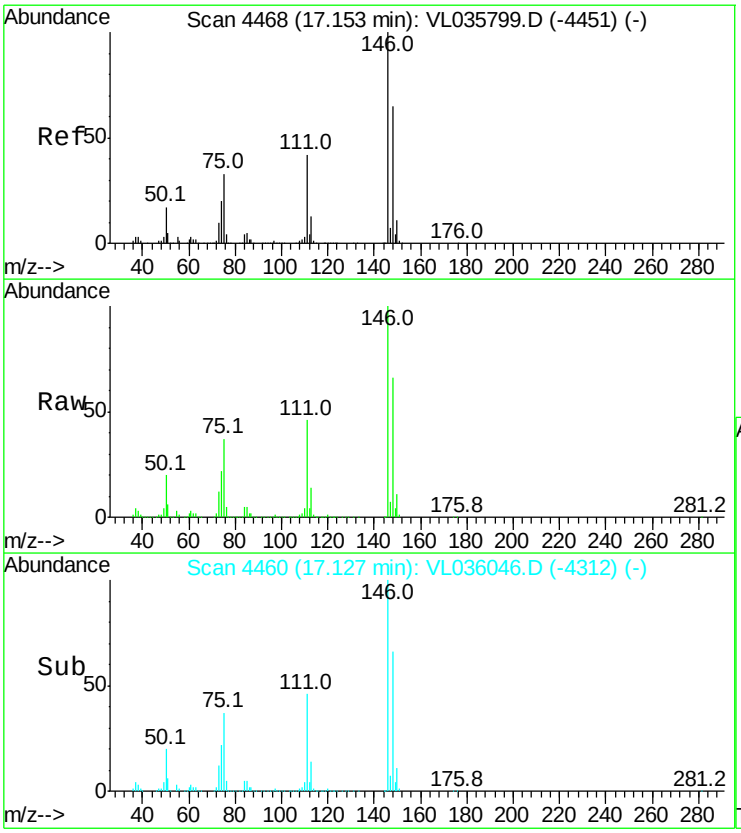
#75
1,3-Dichlorobenzene
Concen: 6.332 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2496003

Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.8	65.4
148	64.7	32.5	97.5

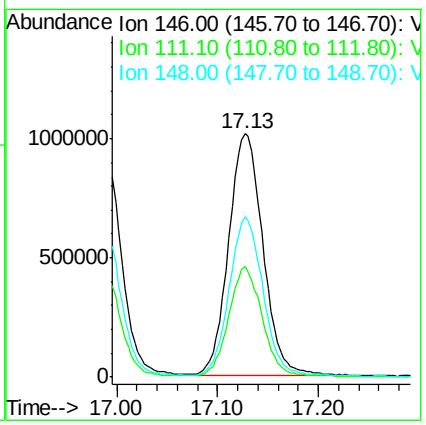


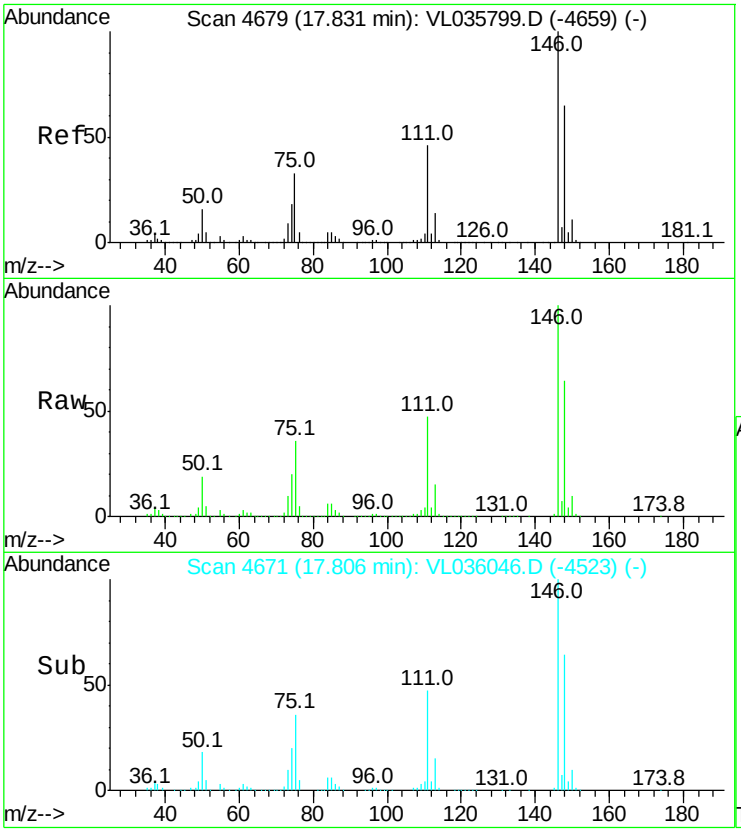


#76
1,4-Dichlorobenzene
Concen: 6.313 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:146 Resp: 2400897

Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.3	63.7
148	65.9	33.0	99.0



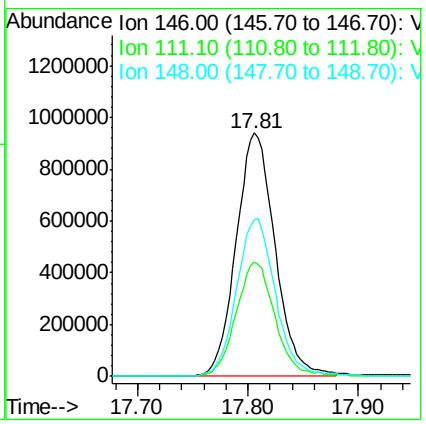


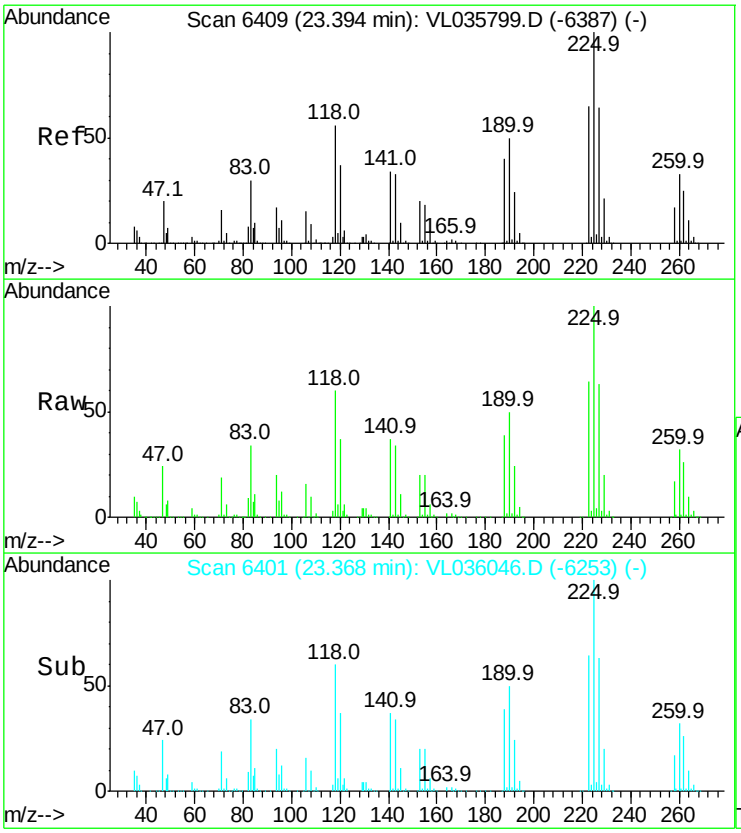
#77
1,2-Dichlorobenzene
Concen: 5.962 ppbv
RT: 17.81 min Scan# 4671
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2291244

Ion	Ratio	Lower	Upper
146	100		
111	47.1	22.4	67.0
148	65.0	32.5	97.5

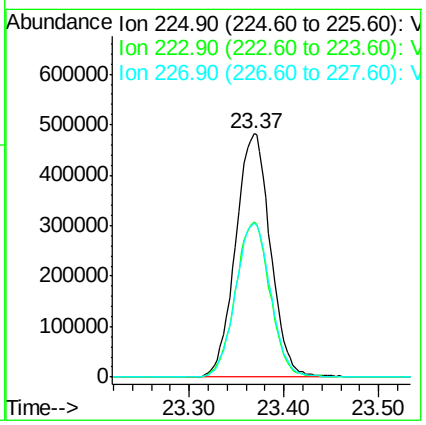


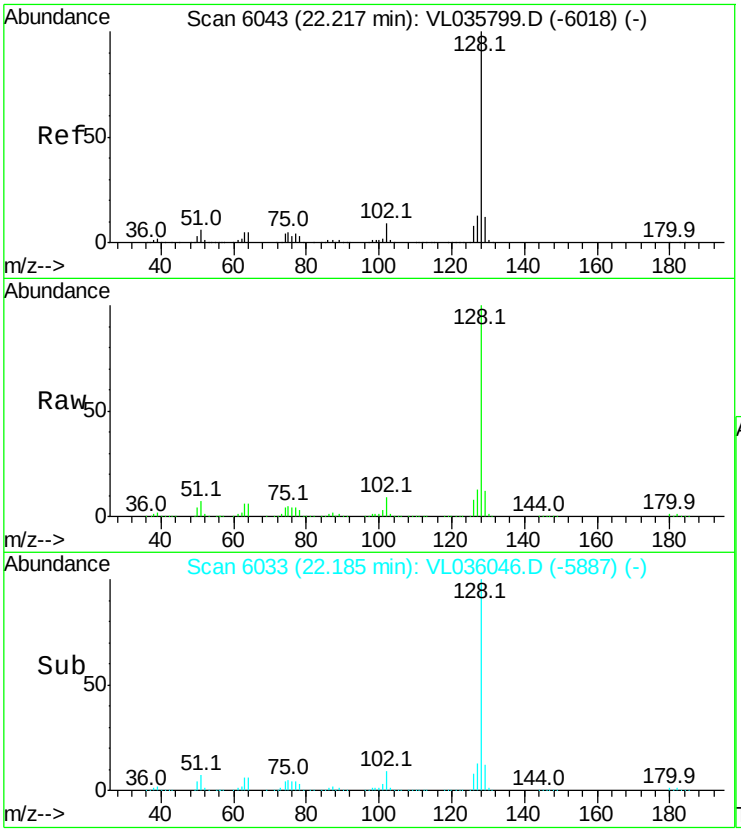


#78
Hexachloro-1,3-Butadiene
Concen: 6.889 ppbv
RT: 23.37 min Scan# 6401
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:225 Resp: 1235236

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	64.0	51.2	76.8



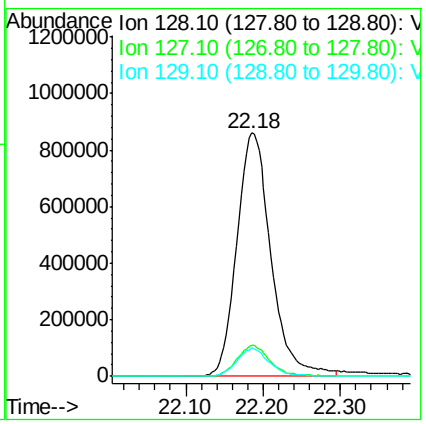


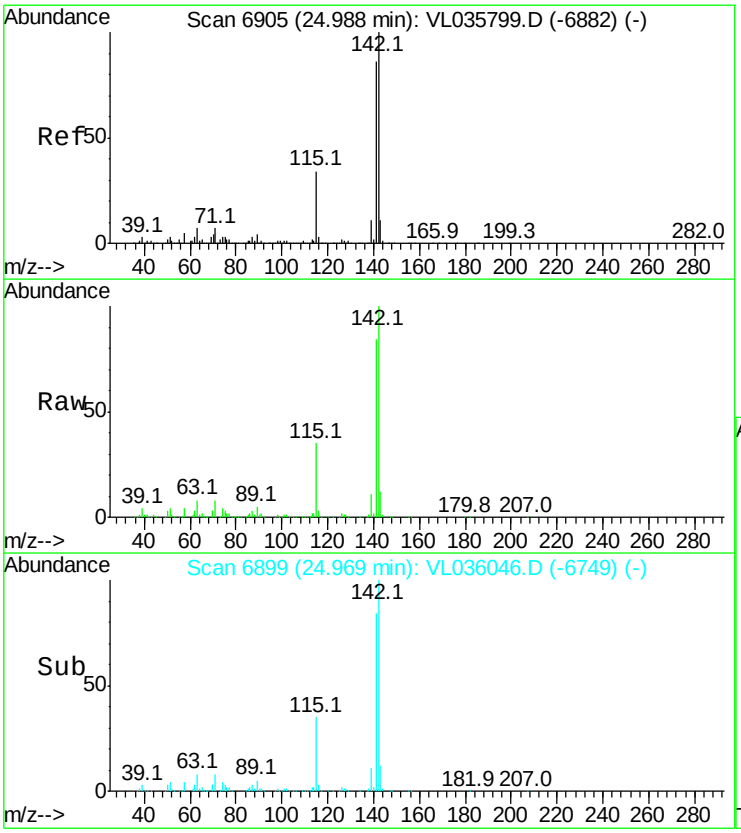
#79
Naphthalene
Concen: 6.114 ppbv
RT: 22.18 min Scan# 6033
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2638832

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.6	9.2	13.8

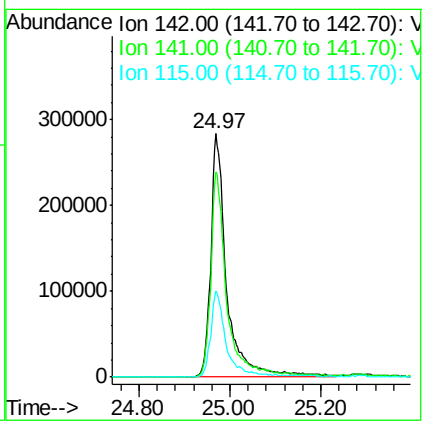


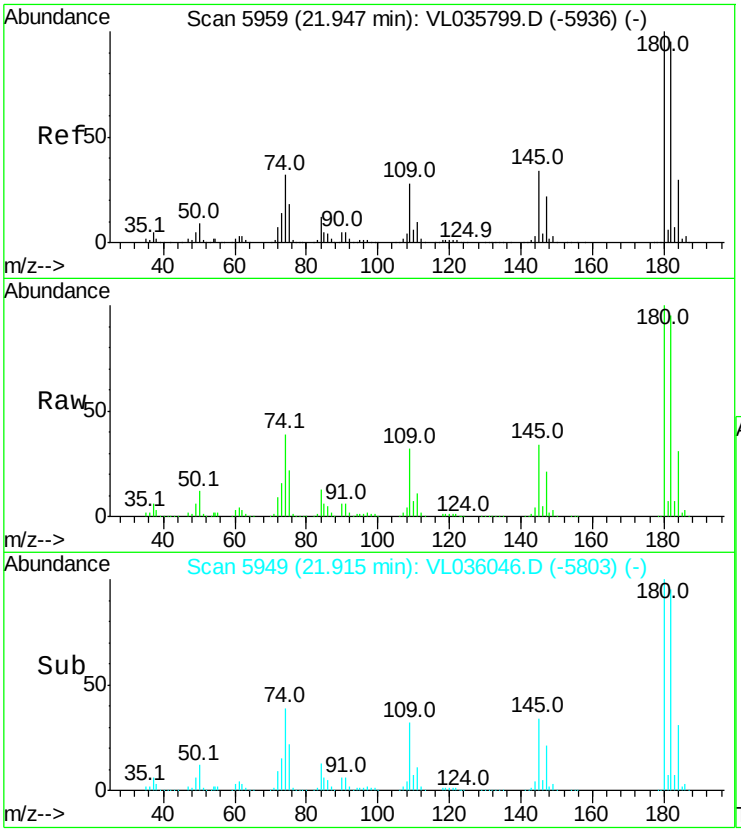


#80
Naphthalene,2-methyl-
Concen: 9.884 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. -0.02 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Tgt Ion:142 Resp: 695211

Ion	Ratio	Lower	Upper
142	100		
141	85.8	67.8	101.8
115	34.9	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 6.456 ppbv
RT: 21.91 min Scan# 5949
Delta R.T. -0.03 min
Lab File: VL036046.D
Acq: 3 Dec 2020 9:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1556756

Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.2	115.8
184	31.3	24.7	37.1