Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062220\

Quantitation Report (Not Reviewed)

Data File : VL035105.D
Acq On : 22 Jun 2020 8:23
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Jun 22 11:51:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1372771	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3259026	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3307062	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2619665	9.54	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	1390102	7.499	ppbv	98
3) Chlorodifluoromethane	2.94	51	1365286	9.003	ppbv	98
4) Chloromethane	3.10	50	779646	9.171	ppbv	98
5) Vinyl Chloride	3.21	62	778921	9.635	ppbv	98
6) Bromomethane	3.43	94	475845	9.479	ppbv	97
7) Chloroethane	3.52	64	287210	9.422	ppbv	93
8) Dichlorotetrafluoroethane	3.14	85	1759883	8.855	ppbv	100
9) Propene	2.96	41	580494	9.667	ppbv	98
10) Heptane	8.13	43	1582648	10.170	ppbv	100
11) Trichlorofluoromethane	3.92	101	1815482	9.168	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1277182	9.327	ppbv	99
13) Ethanol	3.56	45	152003	6.701	ppbv	96
14) Bromoethene	3.70	108	565957	9.588	ppbv	98
15) Acetone	3.81	43	1406811	8.476	ppbv	100
16) 1,3-Butadiene	3.29	39	699294	9.607	ppbv	99
17) tert-Butyl alcohol	4.26	59	1449401	9.854	ppbv	99
18) 1,1-Dichloroethene	4.26	96	589163	9.540	ppbv	96
19) Isopropyl Alcohol	3.93	45	1021141	9.475	ppbv	100
20) Methylene Chloride	4.31	84	528058	7.861	ppbv	94
21) Allyl Chloride	4.38	41	974288	9.877	ppbv	97
22) trans-1,2-Dichloroethene	4.86	96	585474	10.133	ppbv	98
23) Vinyl Acetate	5.05	43	2062339	10.237	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1576533	9.282	ppbv	97
25) Ethyl Acetate	5.66	43	2756709	9.203	ppbv	100
26) Hexane	5.67	57	1245927	9.226	ppbv	98
27) Carbon Disulfide	4.52	76	1531212	10.956	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1870068	9.856	ppbv	100
29) Chloroform	5.74	83	1913639	9.055	ppbv	96
30) Cyclohexane	7.13	84	1018306	10.506	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1261088	10.130	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	1843082	9.403	ppbv	99
34) 2-Butanone	5.22	43	1761176	9.410	ppbv	99
35) Carbon Tetrachloride	7.02	117	1887594	9.657	ppbv	100
36) Benzene	6.89	78	2460586	9.750	ppbv	97
37) 1,2-Dichloroethane	6.30	62	1480436	9.282	ppbv	100
38) Trichloroethene	7.84	130	970278	9.899	ppbv	97
39) 1,2-Dichloropropane	7.62	63	971066	9.838	ppbv	98
40) 1,4-Dioxane	7.83	88	367933	9.451	ppbv #	96
41) Tetrahydrofuran	6.04	42	999508	10.456	ppbv	99
42) Bromodichloromethane	7.80	83	2044612	9.898	ppbv	94
43) Methyl Methacrylate	8.02	69	1116188	10.449	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062220\

Quantitation Report (Not Reviewed)

Data File : VL035105.D
Acq On : 22 Jun 2020 8:23
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Jun 22 11:51:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4198453	9.532	ppbv		100
45) t-1,3-Dichloropropene	9.30	75	1264664	12.165	ppbv		98
46) cis-1,3-Dichloropropene	8.72	75	1460527	11.309	ppbv		99
47) 1,1,2-Trichloroethane	9.49	97	1022933	9.496	ppbv		97
48) Dibromochloromethane	10.33	129	1689946	10.523	ppbv		100
49) Bromoform	13.08	173	1475641	10.816	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	2646491	9.953	ppbv		99
51) 2-Hexanone	10.15	43	2167122	10.407	ppbv	#	99
52) Tetrachloroethene	11.25	164	875297	9.843	ppbv		95
53) Toluene	9.83	91	2846120	10.573	ppbv		99
54) 1,2-Dibromoethane	10.64	107	1543339	9.676	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.15	131	1255949	9.280	ppbv		99
57) Chlorobenzene	12.18	112	2142911	8.806	ppbv		98
58) Ethyl Benzene	12.74	91	3774056	10.157	ppbv		98
59) m/p-Xylene	13.02	91	3441246	10.450	ppbv	#	31
60) o-Xylene	13.73	91	3069246	9.362	ppbv		100
61) Styrene	13.56	104	2225673	10.789	ppbv		99
62) Isopropylbenzene	14.70	105	4552599	9.306	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.71	83	2157287	8.125	ppbv		99
64) n-propylbenzene	15.60	120	1193624	9.561	ppbv		98
65) tert-Butylbenzene	16.78	119	3914375	9.344	ppbv		100
66) Benzyl Chloride	17.03	91	1492881	11.537	ppbv		100
67) sec-Butylbenzene	17.33	105	5499048	9.159	ppbv		100
69) p-Isopropyltoluene	17.69	119	4520406	9.439	ppbv		100
70) n-Butylbenzene	18.59	91	4747520	9.203	ppbv		99
71) 2-Chlorotoluene	15.49	91	3513114	9.500	ppbv		99
72) 4-Ethyltoluene	15.88	105	3548297	9.729	ppbv		99
73) 1,3,5-Trimethylbenzene	16.04	105	1584671	4.597	ppbv		99
74) 1,2,4-Trimethylbenzene	16.80	105	3442190	8.946	ppbv		96
75) 1,3-Dichlorobenzene	17.04	146	1943305	8.463	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	1947391	8.866	ppbv		99
77) 1,2-Dichlorobenzene	17.86	146	1845134	8.782	ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	1582485	8.379	ppbv		99
79) Naphthalene	22.26	128	3364670	9.974	ppbv		99
80) Naphthalene,2-methyl-	25.01	142	1713456	13.285	ppbv		100
81) 1,2,4-Trichlorobenzene	21.99	180	1815470	9.329	ppbv		98

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

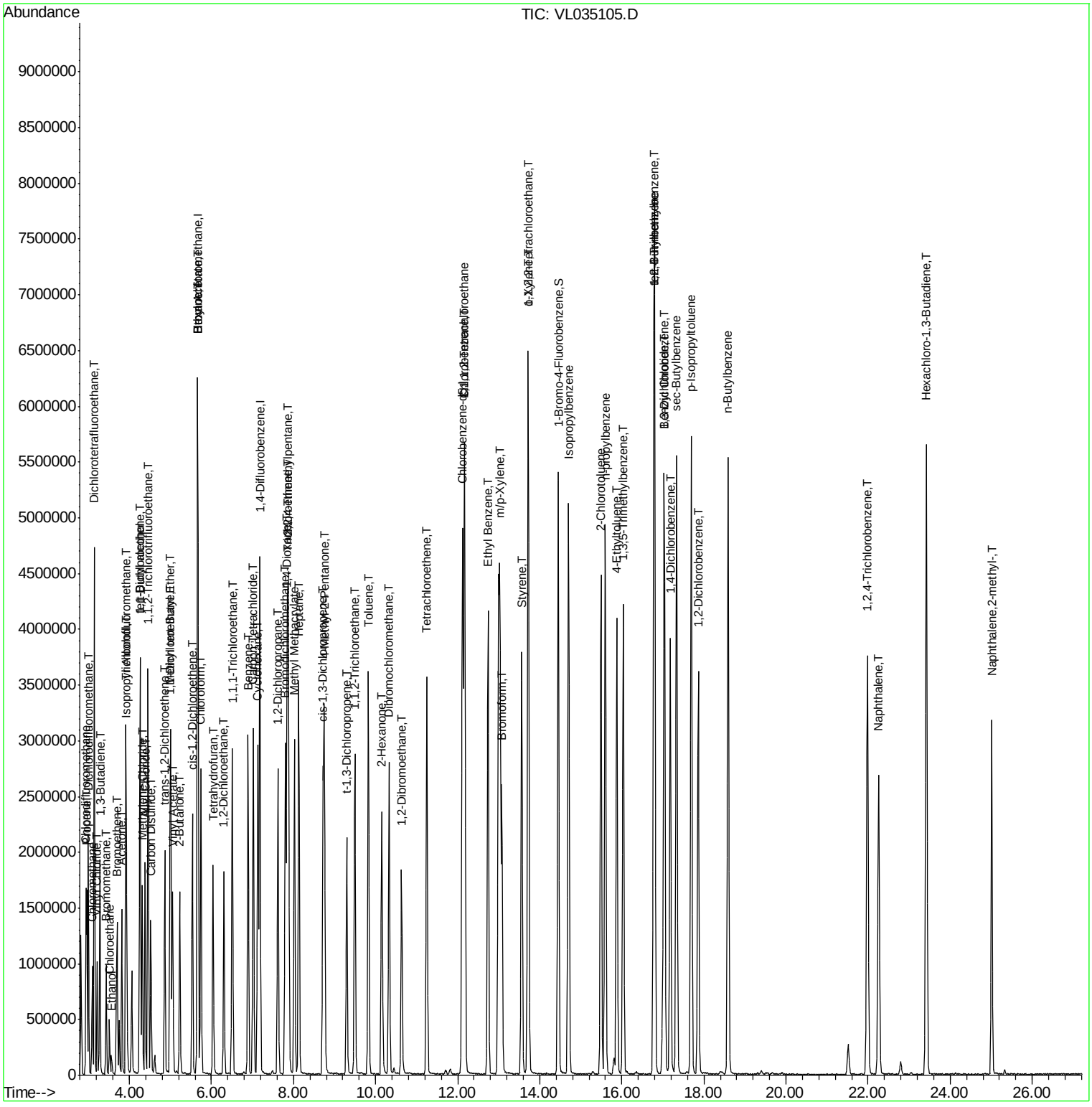
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062220\

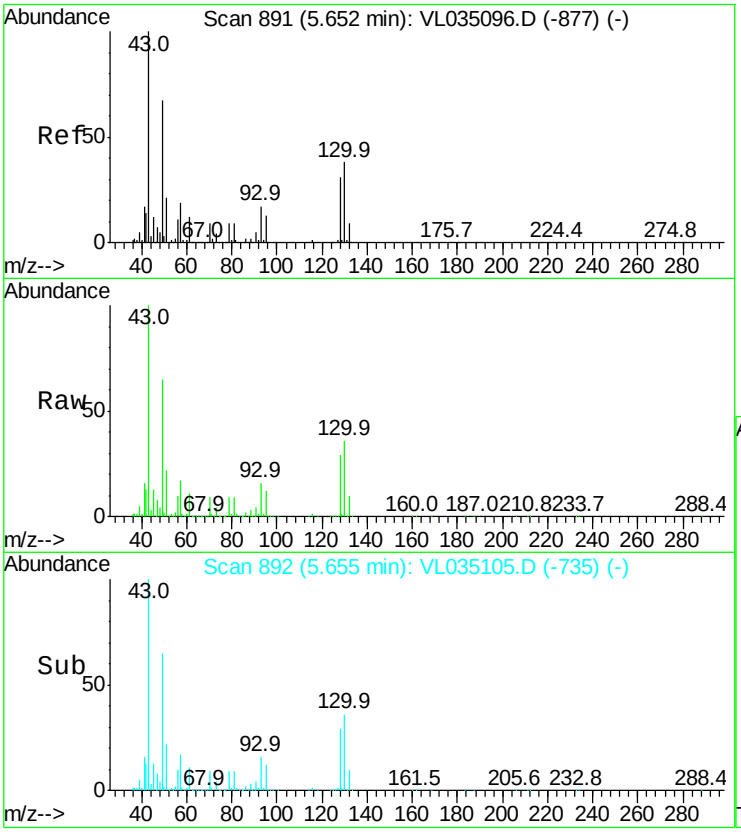
Quantitation Report (Not Reviewed)

Data File : VL035105.D
Acq On : 22 Jun 2020 8:23
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Jun 22 11:51:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration



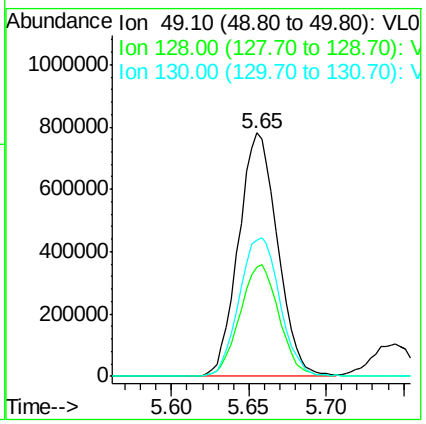


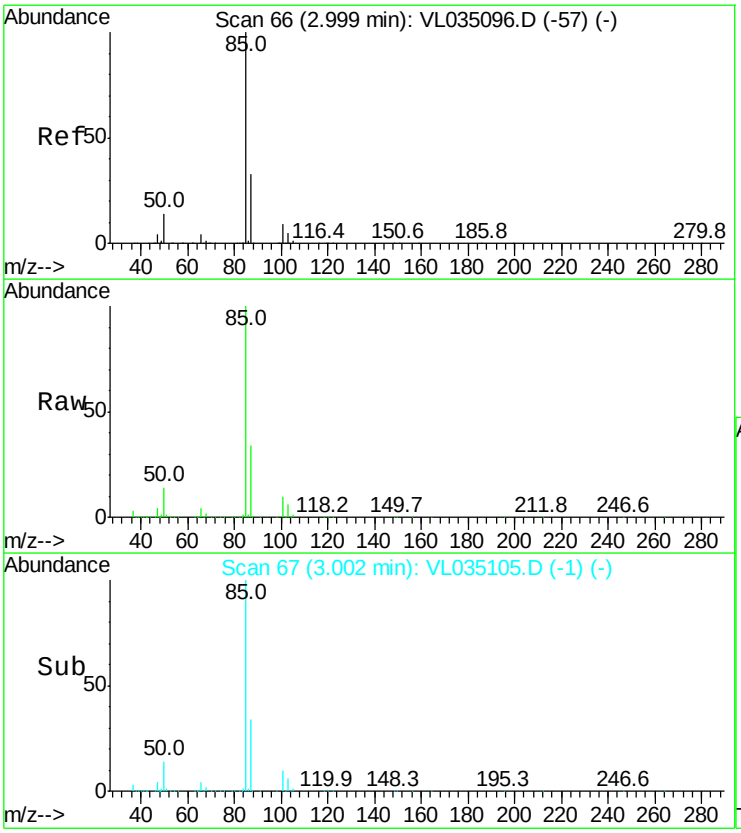
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1372771

Ion	Ratio	Lower	Upper
49	100		
128	46.0	22.9	68.5
130	59.3	29.0	87.0

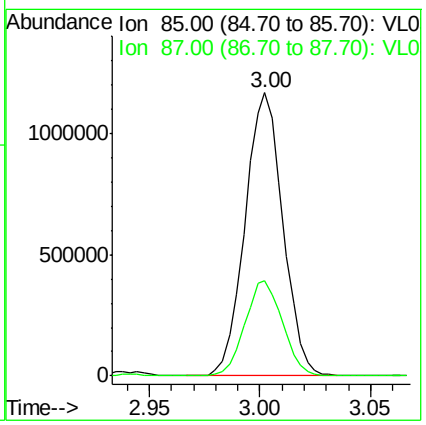


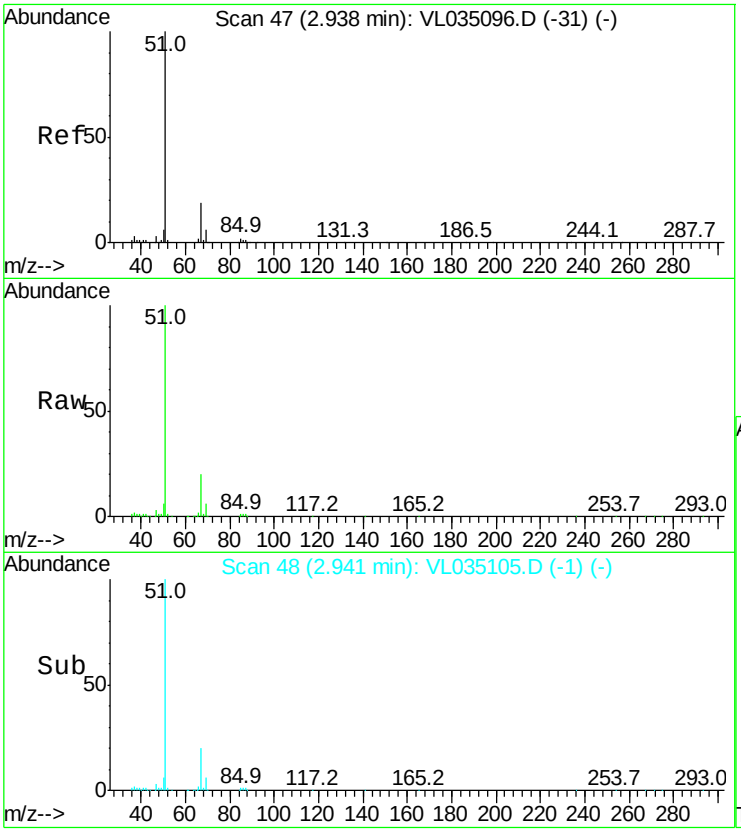


#2
Dichlorodifluoromethane
Concen: 7.499 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 85 Resp: 1390102

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.1	39.1



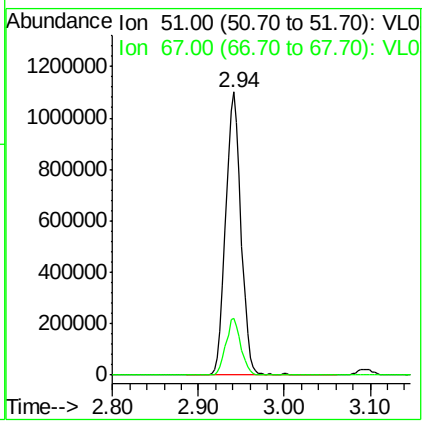


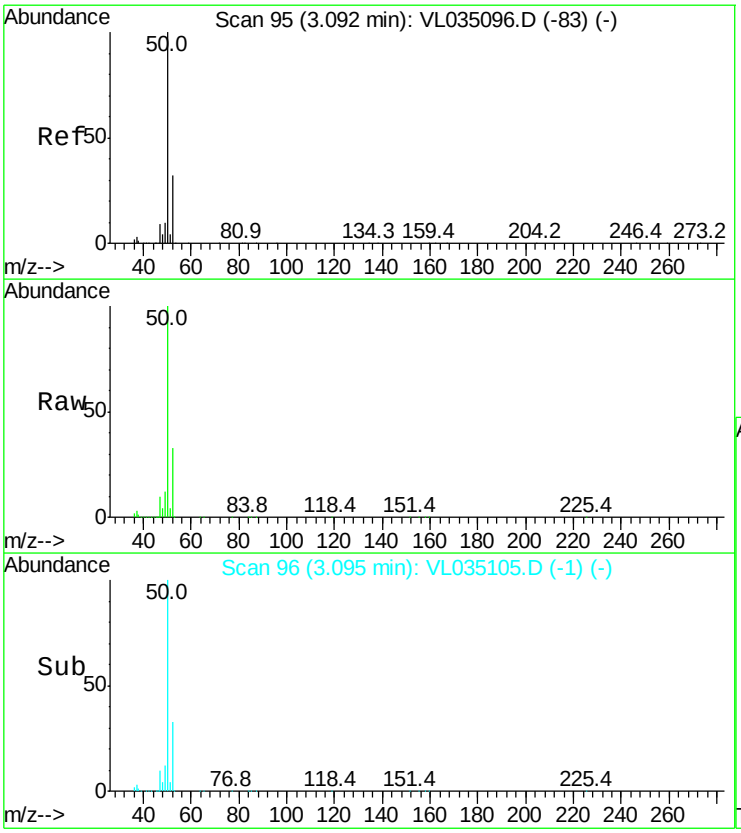
#3
Chlorodifluoromethane
Concen: 9.003 ppbv
RT: 2.94 min Scan# 48
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 51 Resp: 1365286

Ion	Ratio	Lower	Upper
51	100		
67	19.7	15.2	22.8

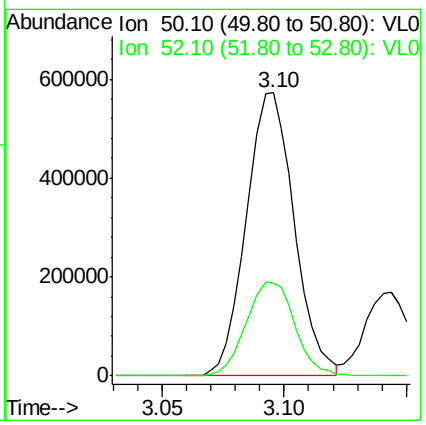


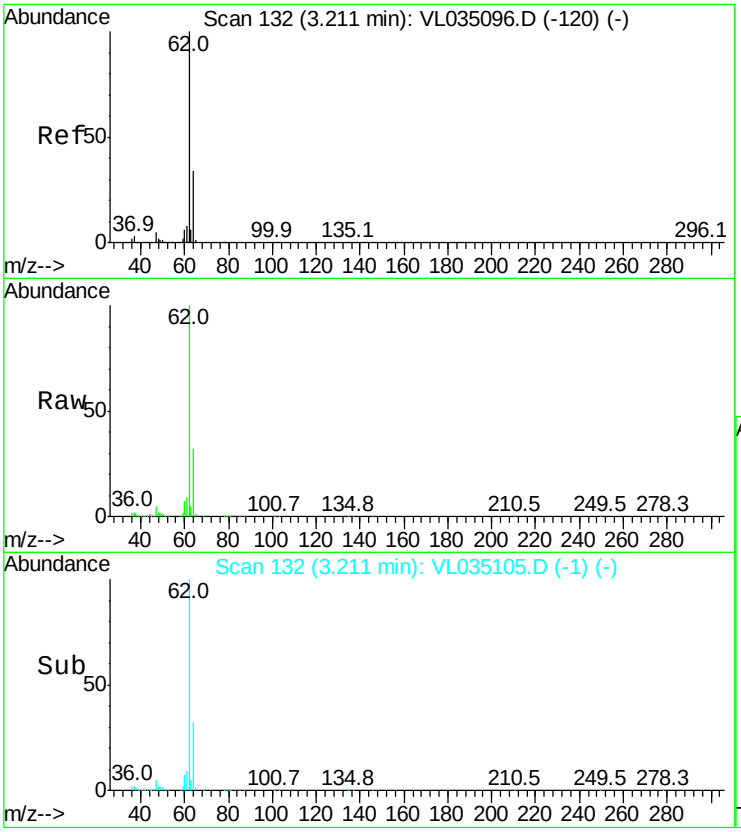


#4
Chloromethane
Concen: 9.171 ppbv
RT: 3.10 min Scan# 96
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 50 Resp: 779646

Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.4	38.0



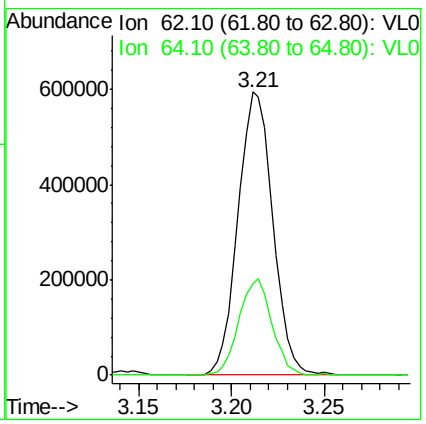


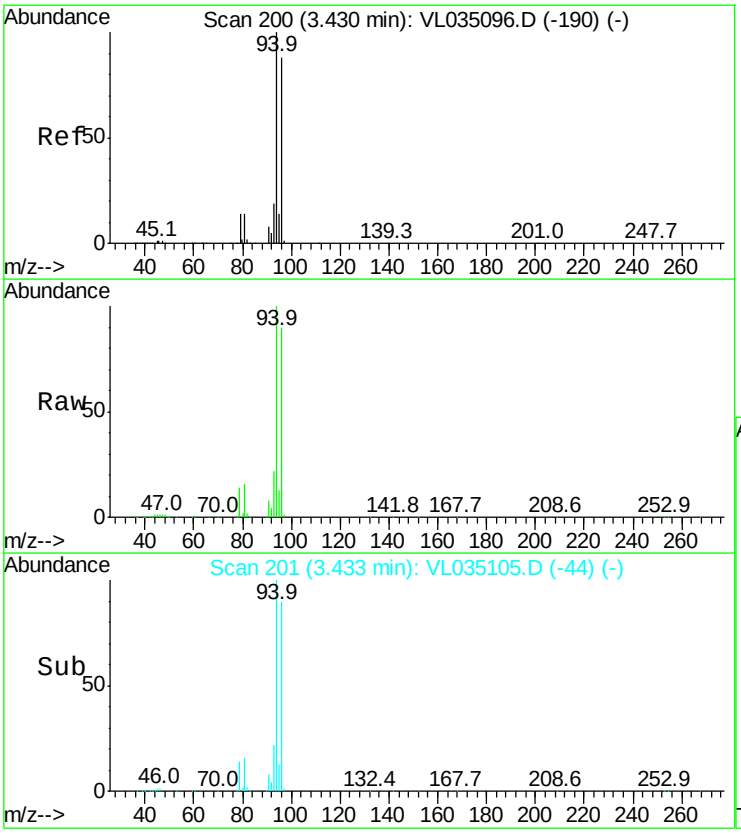
#5
Vinyl Chloride
Concen: 9.635 ppbv
RT: 3.21 min Scan# 132
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 778921

Ion	Ratio	Lower	Upper
62	100		
64	32.4	27.0	40.4

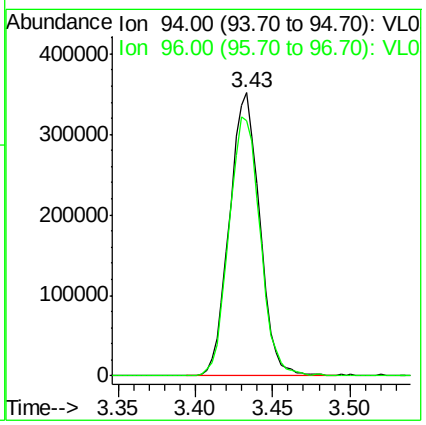


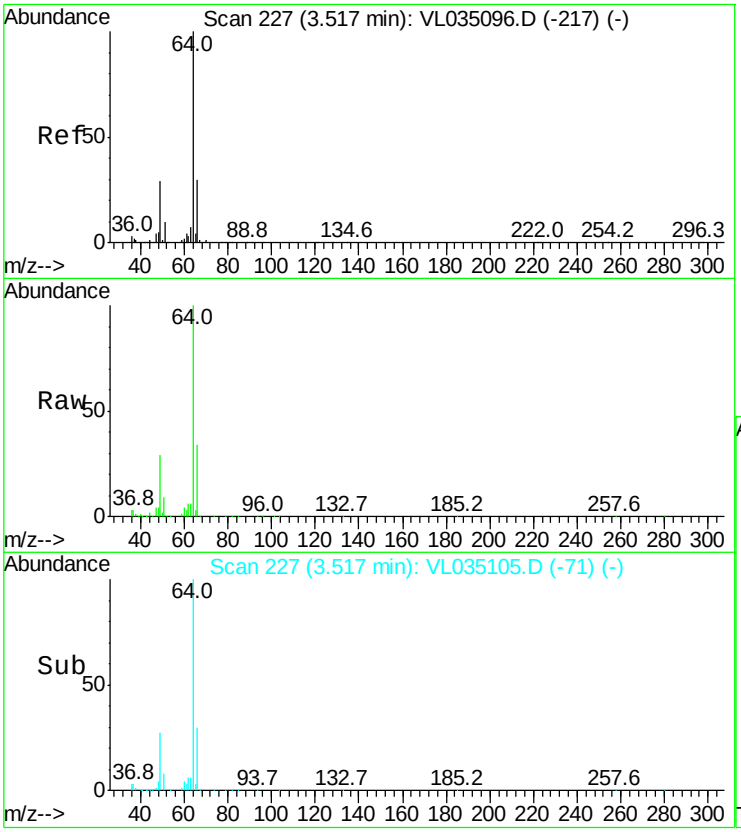


#6
Bromomethane
Concen: 9.479 ppbv
RT: 3.43 min Scan# 201
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 94 Resp: 475845

Ion	Ratio	Lower	Upper
94	100		
96	90.1	70.2	105.2



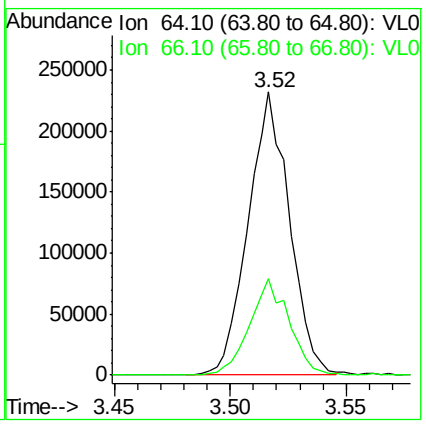


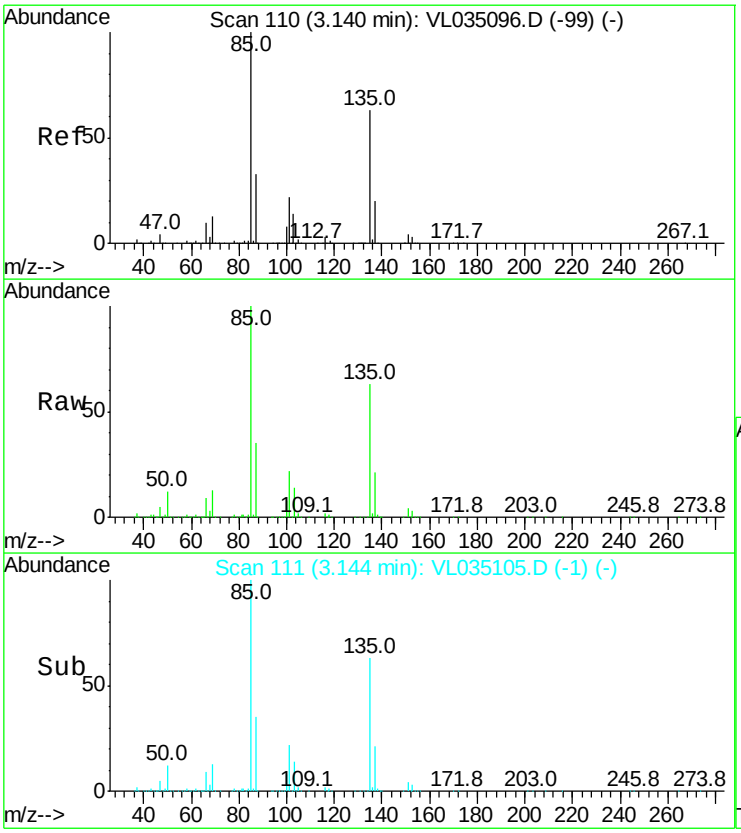
#7
Chloroethane
Concen: 9.422 ppbv
RT: 3.52 min Scan# 227
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 287210

Ion	Ratio	Lower	Upper
64	100		
66	33.9	24.2	36.4

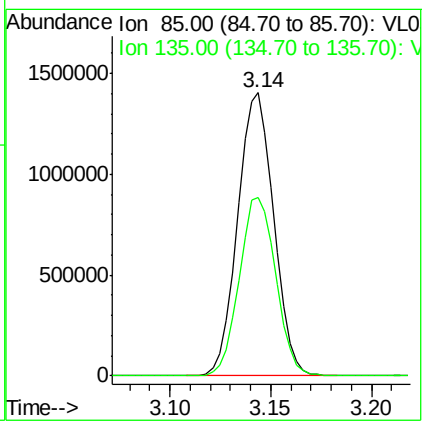


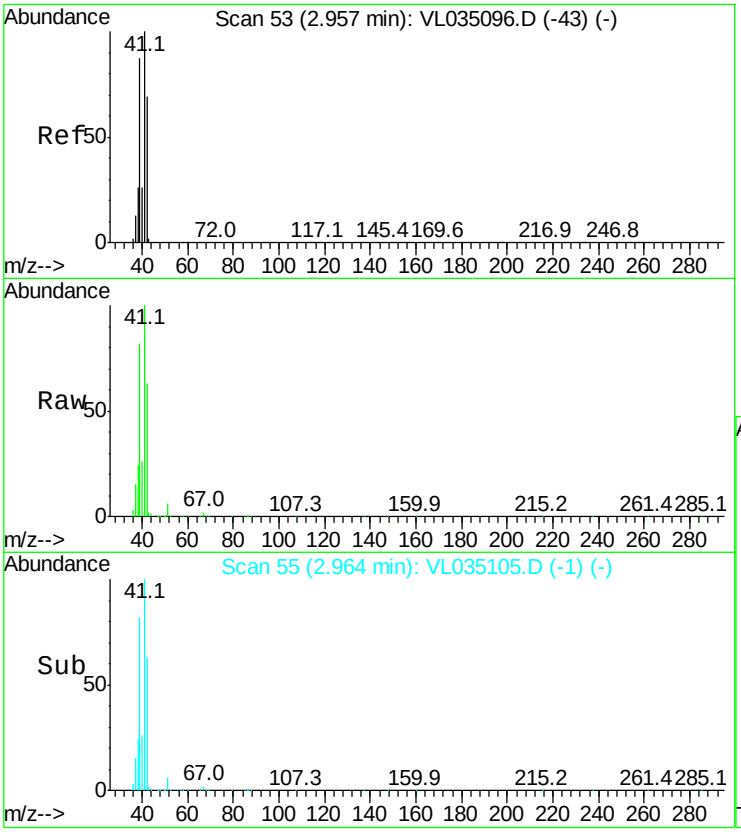


#8
Dichlorotetrafluoroethane
Concen: 8.855 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 85 Resp: 1759883

Ion	Ratio	Lower	Upper
85	100		
135	64.1	51.0	76.6



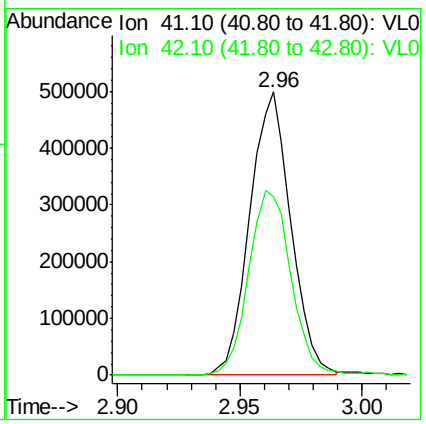


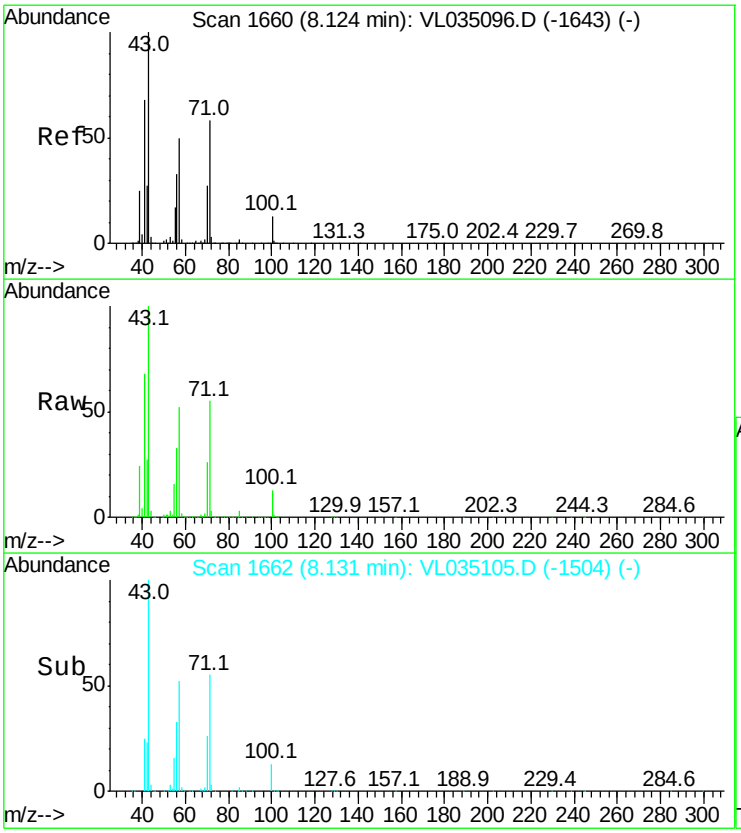
#9
Propene
Concen: 9.667 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 580494

Ion	Ratio	Lower	Upper
41	100		
42	68.0	55.8	83.6

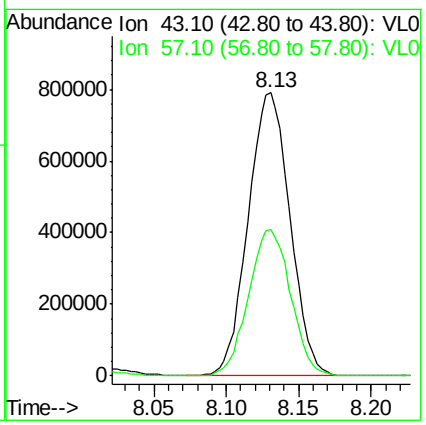


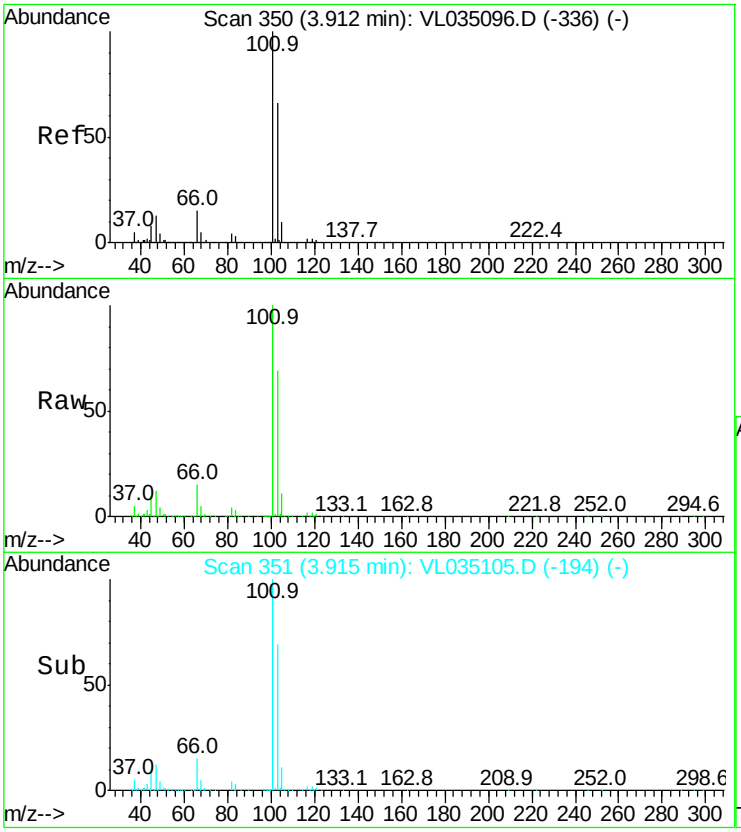


#10
Heptane
Concen: 10.170 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 43 Resp: 1582648

Ion	Ratio	Lower	Upper
43	100		
57	52.3	41.9	62.9



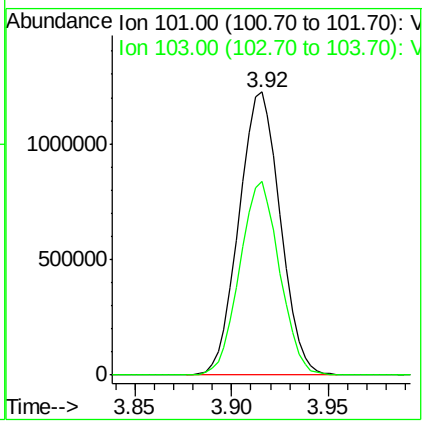


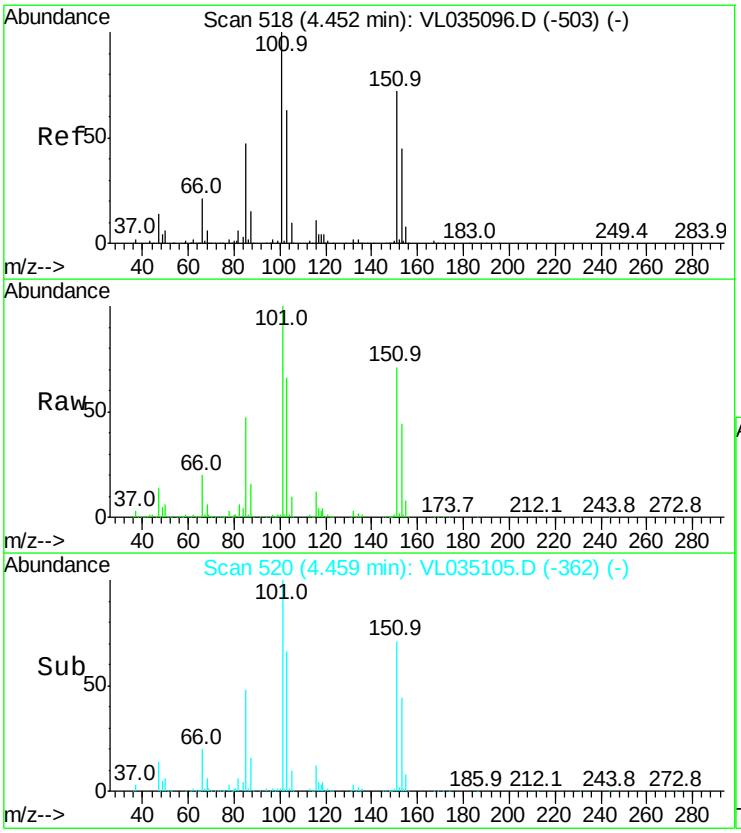
#11
Trichlorofluoromethane
Concen: 9.168 ppbv
RT: 3.92 min Scan# 351
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1815482

Ion	Ratio	Lower	Upper
101	100		
103	68.5	52.6	79.0

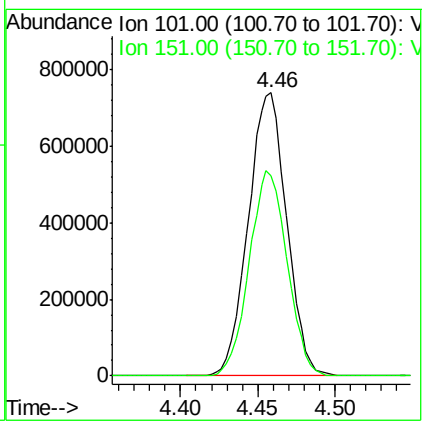


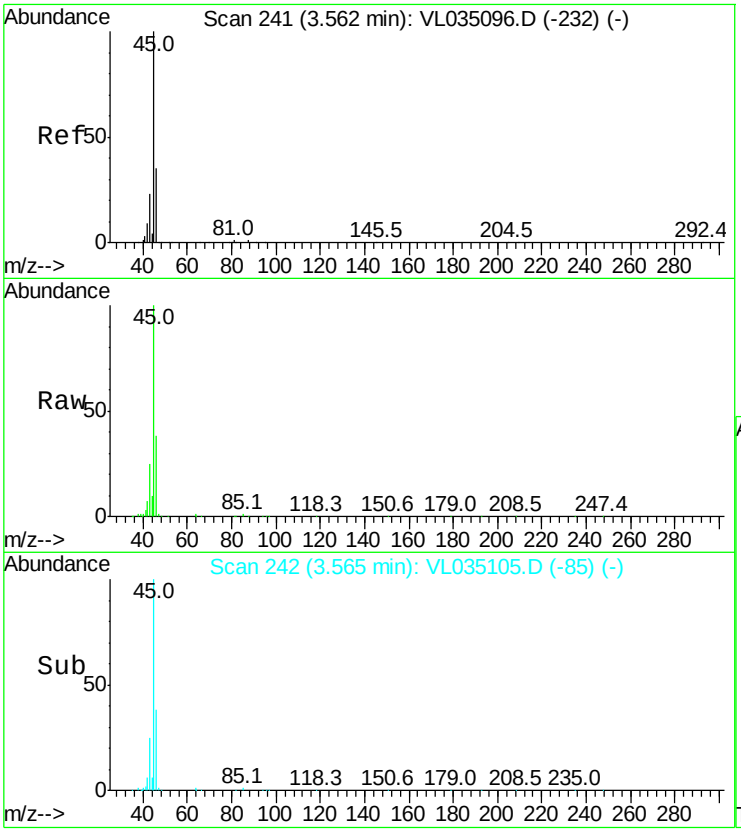


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.327 ppbv
RT: 4.46 min Scan# 520
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion:101 Resp: 1277182

Ion	Ratio	Lower	Upper
101	100		
151	71.9	56.6	85.0



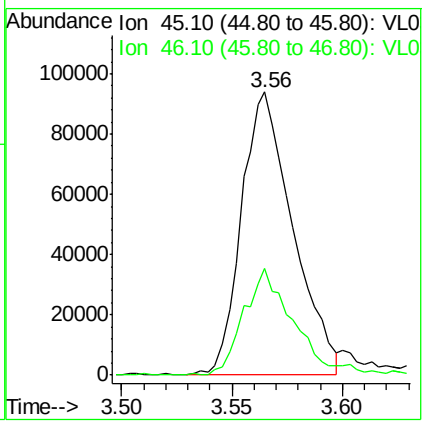


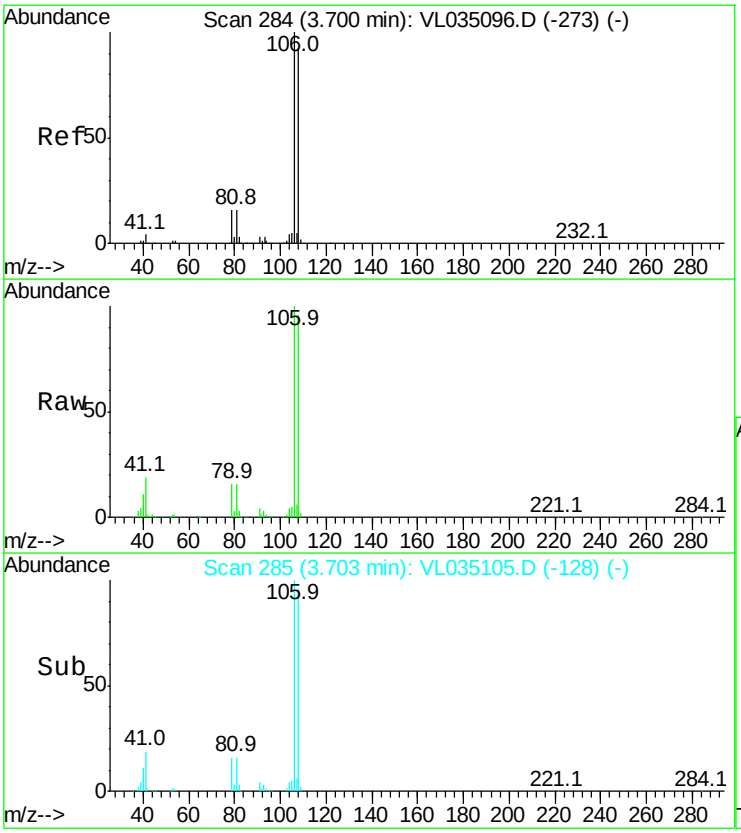
#13
Ethanol
Concen: 6.701 ppbv
RT: 3.56 min Scan# 242
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 152003

Ion	Ratio	Lower	Upper
45	100		
46	38.2	14.2	57.0

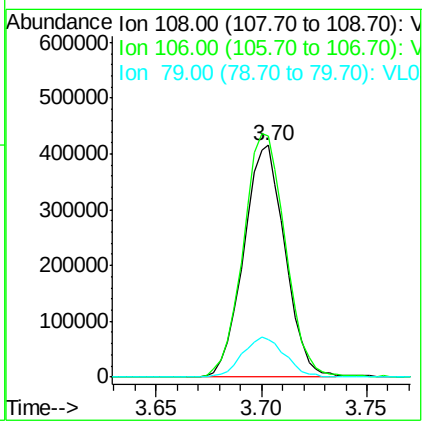


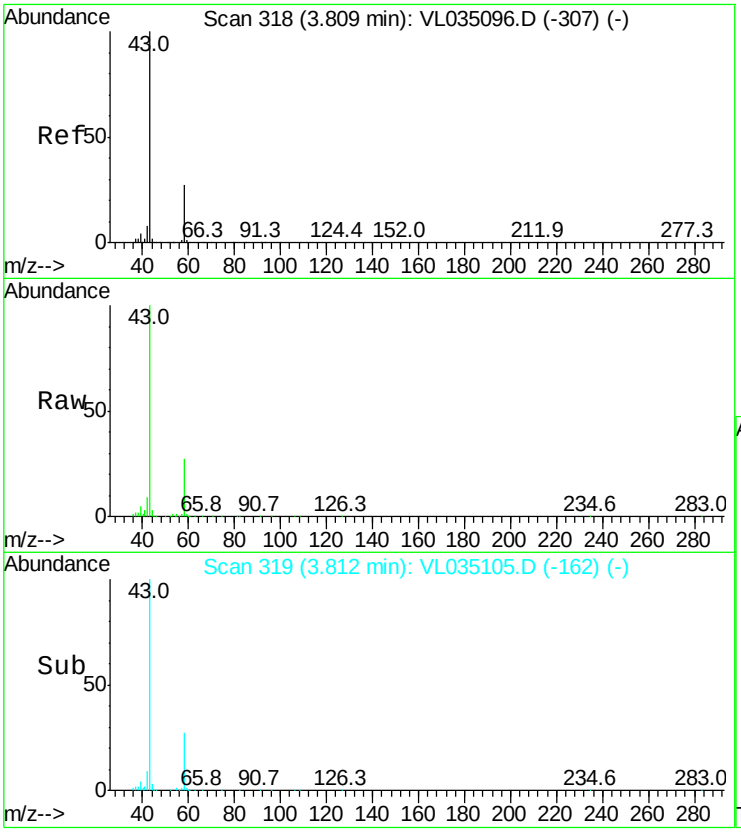


#14
Bromoethene
Concen: 9.588 ppbv
RT: 3.70 min Scan# 285
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion:108 Resp: 565957

Ion	Ratio	Lower	Upper
108	100		
106	107.9	84.4	126.6
79	18.0	14.2	21.2



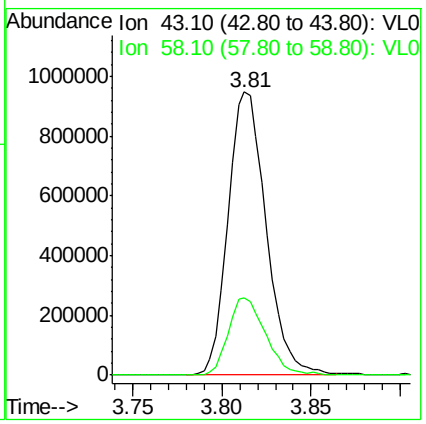


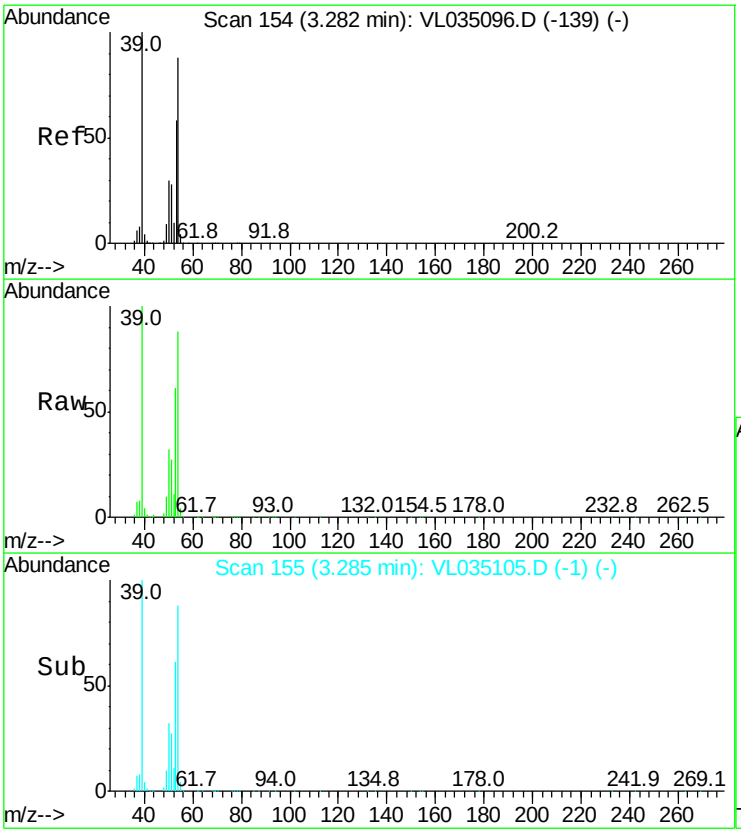
#15
Acetone
Concen: 8.476 ppbv
RT: 3.81 min Scan# 319
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1406811

Ion	Ratio	Lower	Upper
43	100		
58	27.1	21.8	32.6

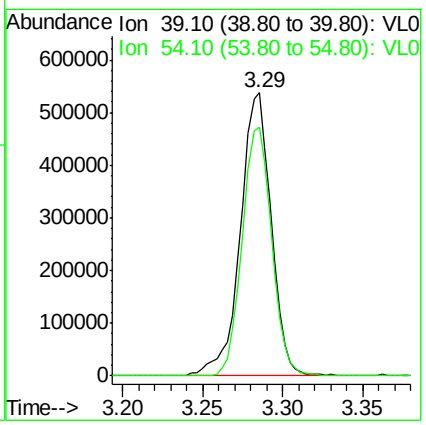


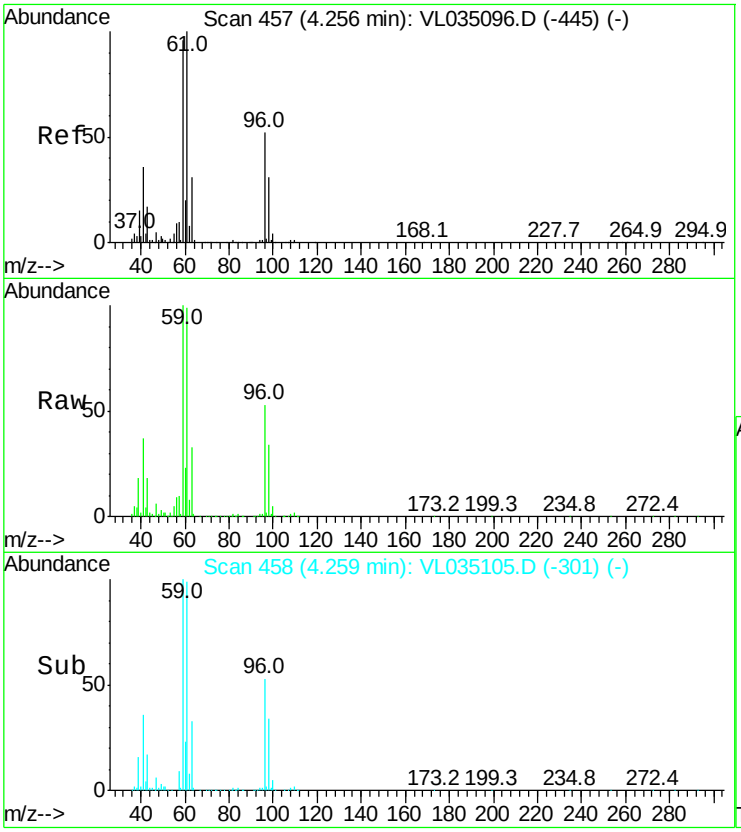


#16
1,3-Butadiene
Concen: 9.607 ppbv
RT: 3.29 min Scan# 155
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 39 Resp: 699294

Ion	Ratio	Lower	Upper
39	100		
54	84.4	67.0	100.4



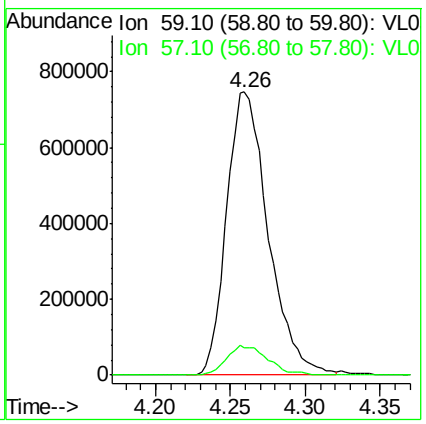


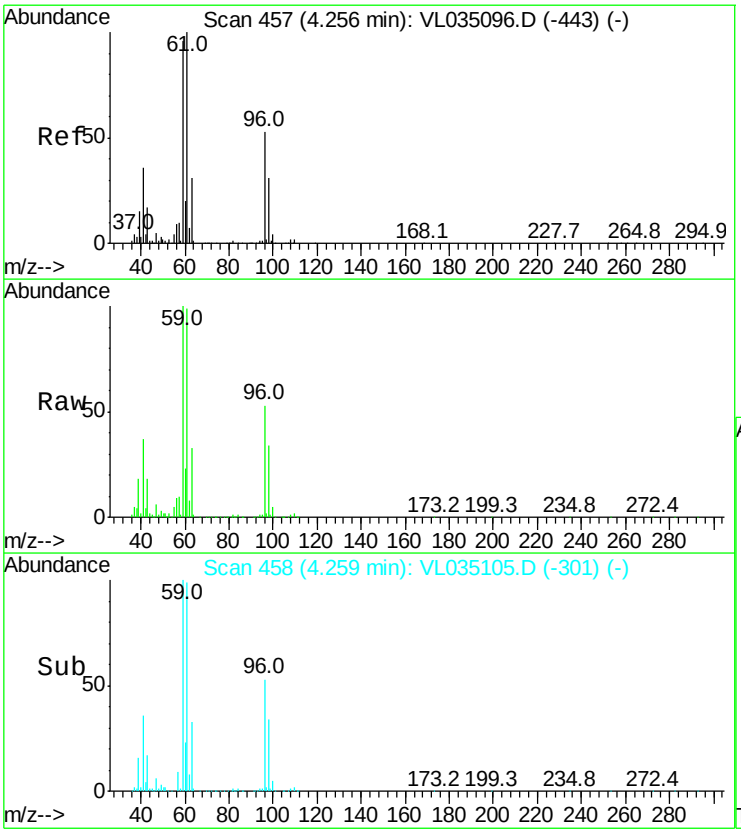
#17
tert-Butyl alcohol
Concen: 9.854 ppbv
RT: 4.26 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1449401

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	12.8

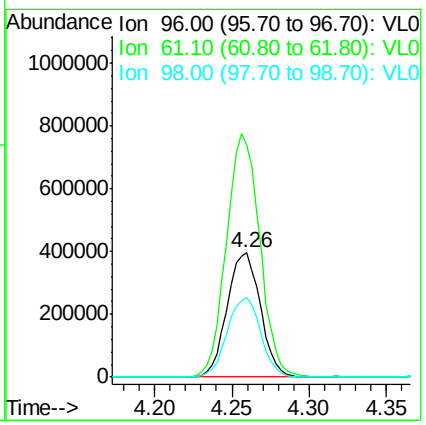


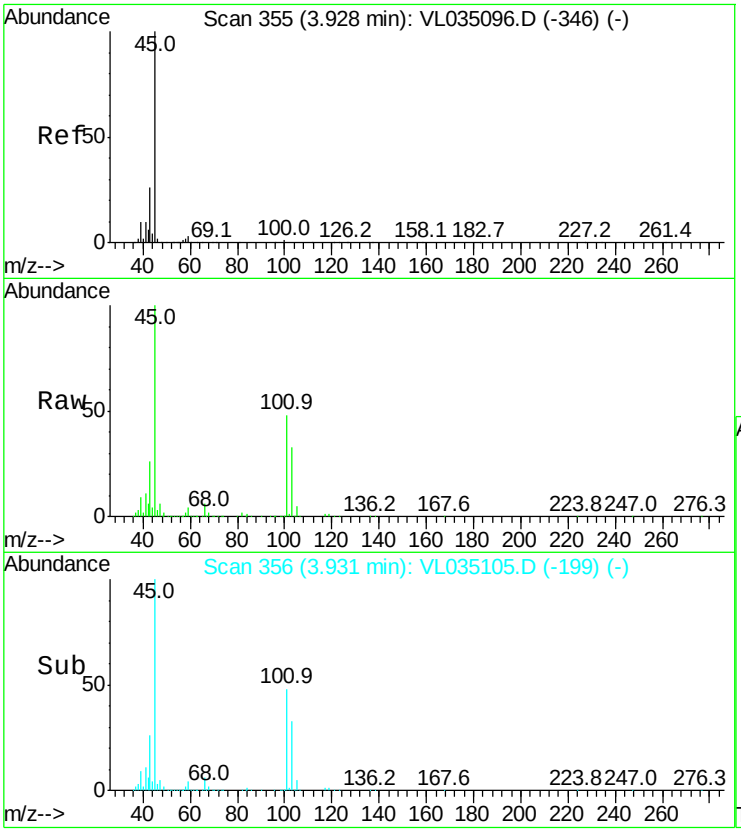


#18
1,1-Dichloroethene
Concen: 9.540 ppbv
RT: 4.26 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 96 Resp: 589163

Ion	Ratio	Lower	Upper
96	100		
61	186.2	152.2	228.4
98	64.2	47.7	71.5



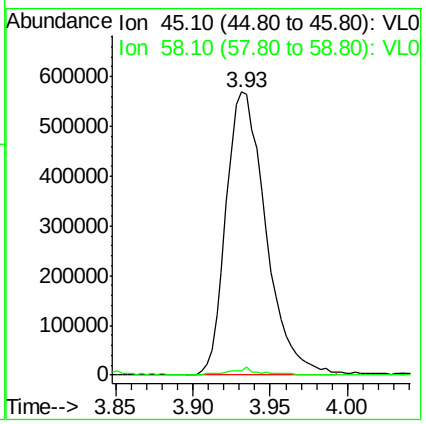


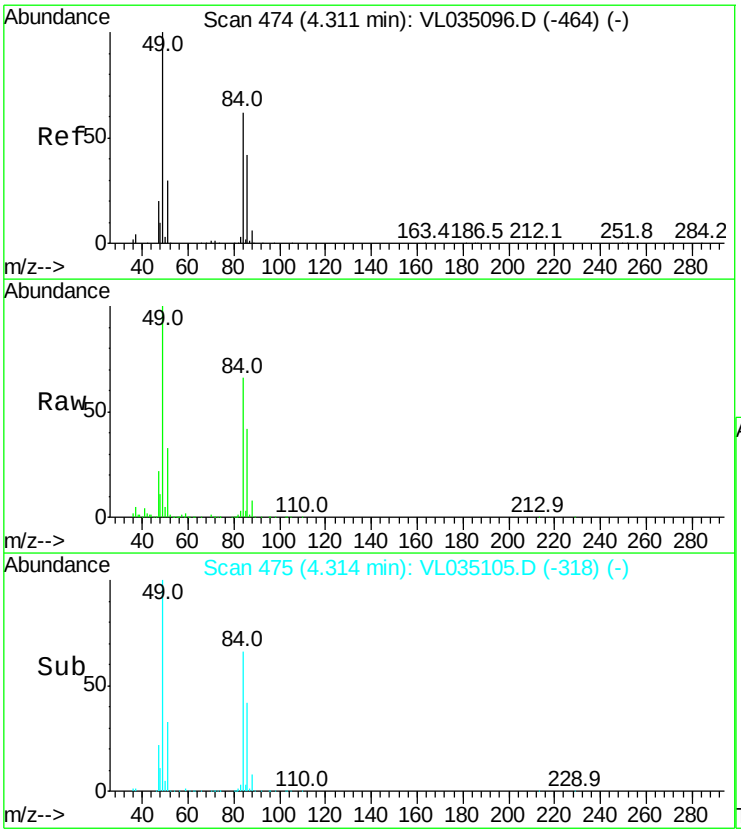
#19
Isopropyl Alcohol
Concen: 9.475 ppbv
RT: 3.93 min Scan# 356
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 1021141

Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.8	2.8

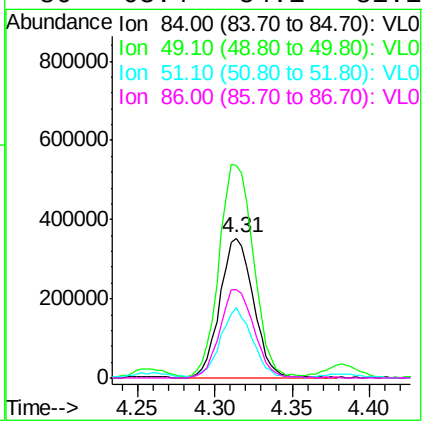


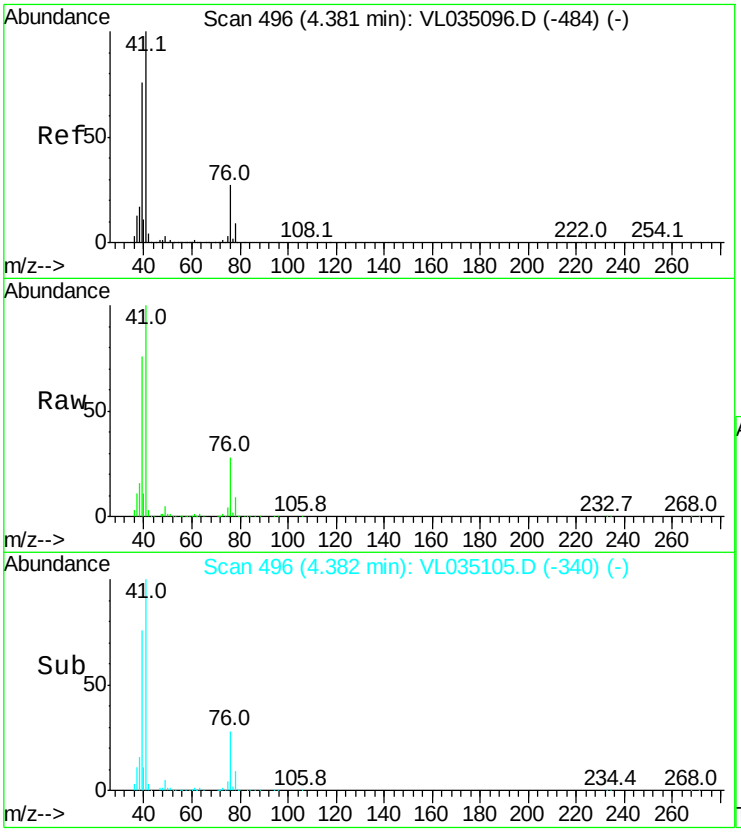


#20
Methylene Chloride
Concen: 7.861 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 84 Resp: 528058

Ion	Ratio	Lower	Upper
84	100		
49	150.3	128.8	193.2
51	49.2	38.7	58.1
86	63.4	54.1	81.1



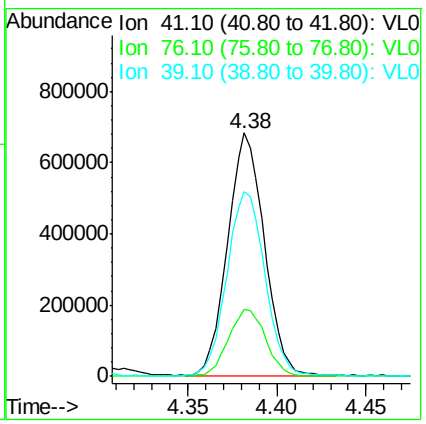


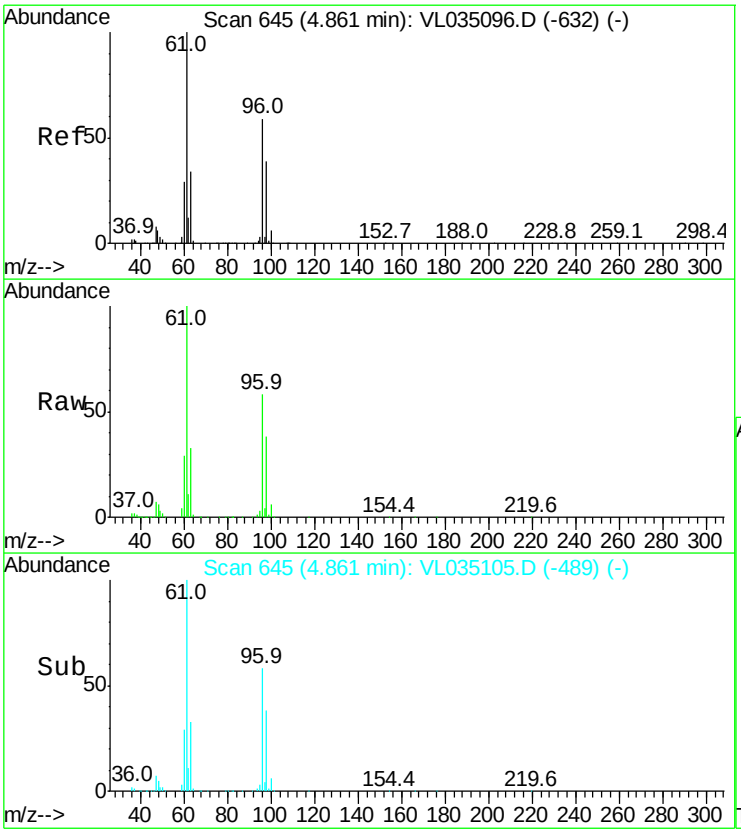
#21
Allyl Chloride
Concen: 9.877 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 974288

Ion	Ratio	Lower	Upper
41	100		
76	28.3	22.6	34.0
39	80.1	61.6	92.4

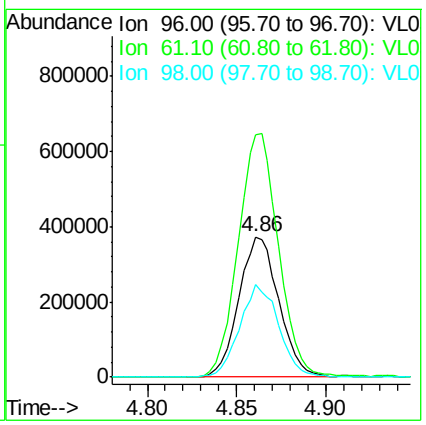


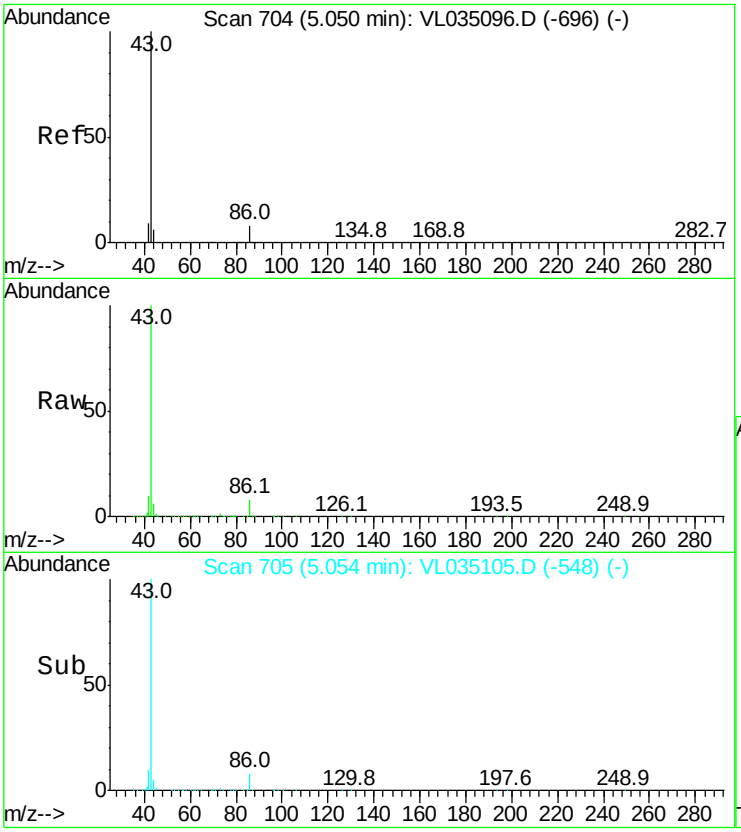


#22
trans-1,2-Dichloroethene
Concen: 10.133 ppbv
RT: 4.86 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 96 Resp: 585474

Ion	Ratio	Lower	Upper
96	100		
61	172.1	134.5	201.7
98	65.5	52.6	79.0



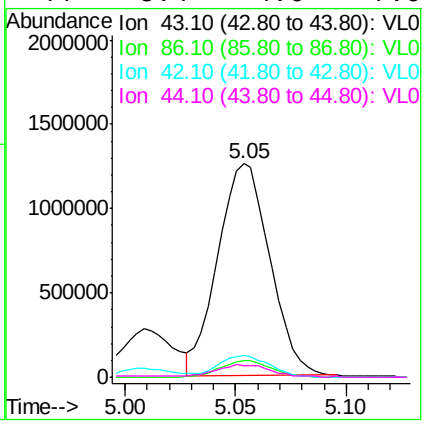


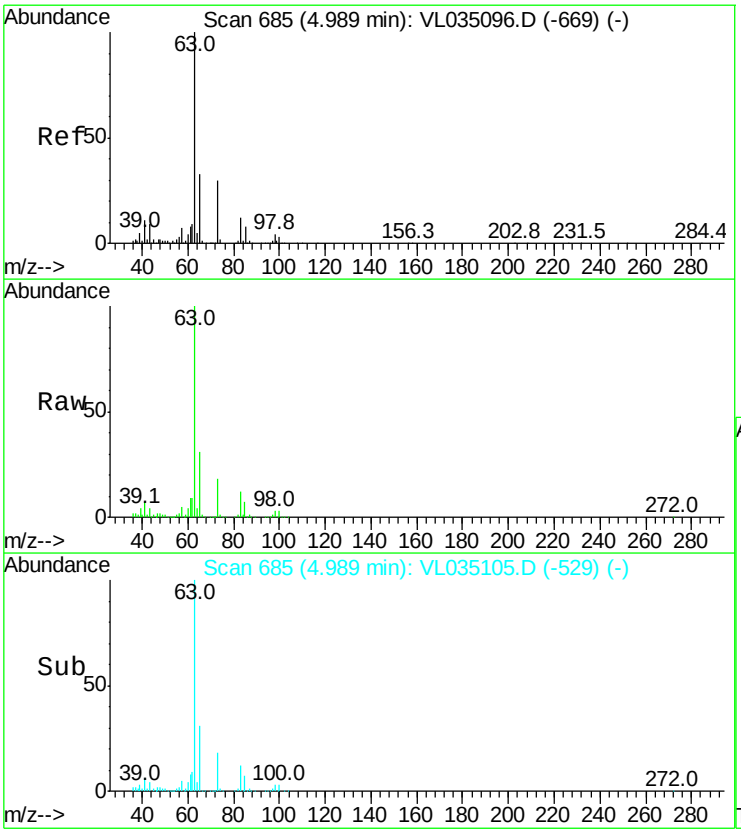
#23
Vinyl Acetate
Concen: 10.237 ppbv
RT: 5.05 min Scan# 705
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2062339

Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.2	9.2
42	9.9	8.1	12.1
44	5.4	4.6	7.0

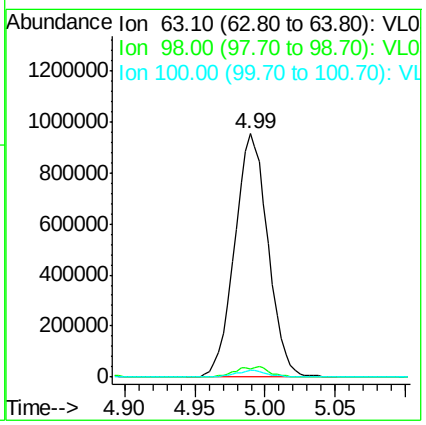


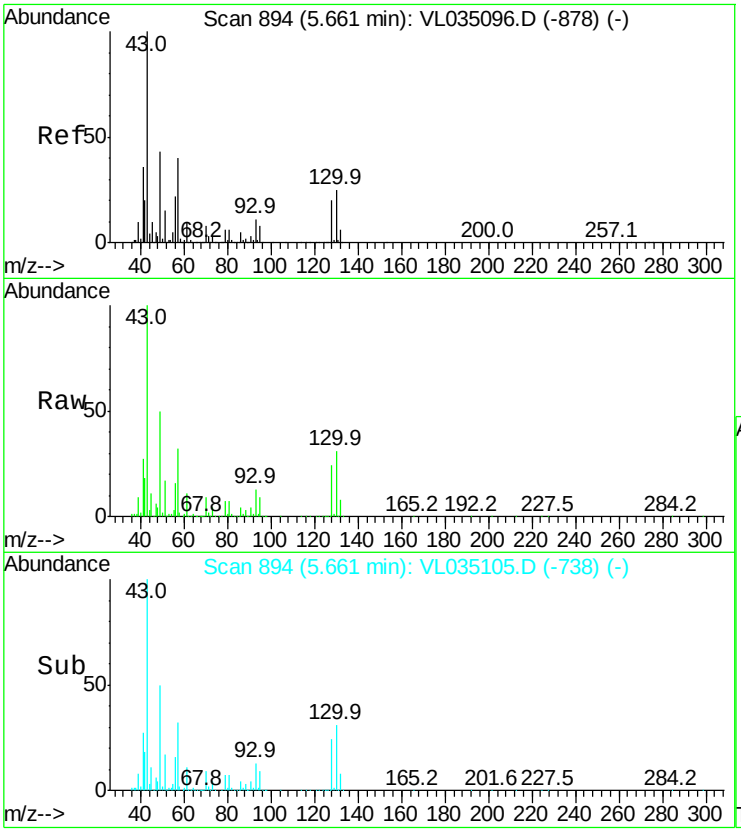


#24
1,1-Dichloroethane
Concen: 9.282 ppbv
RT: 4.99 min Scan# 685
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 63 Resp: 1576533

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.3	6.9
100	2.9	1.4	4.0



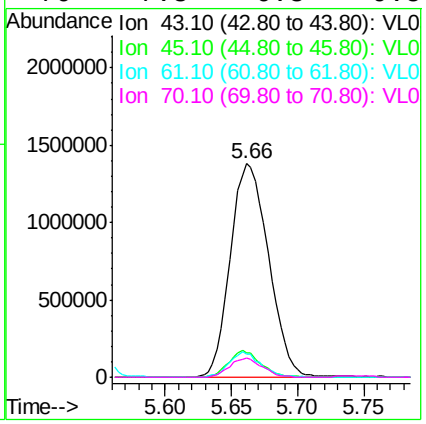


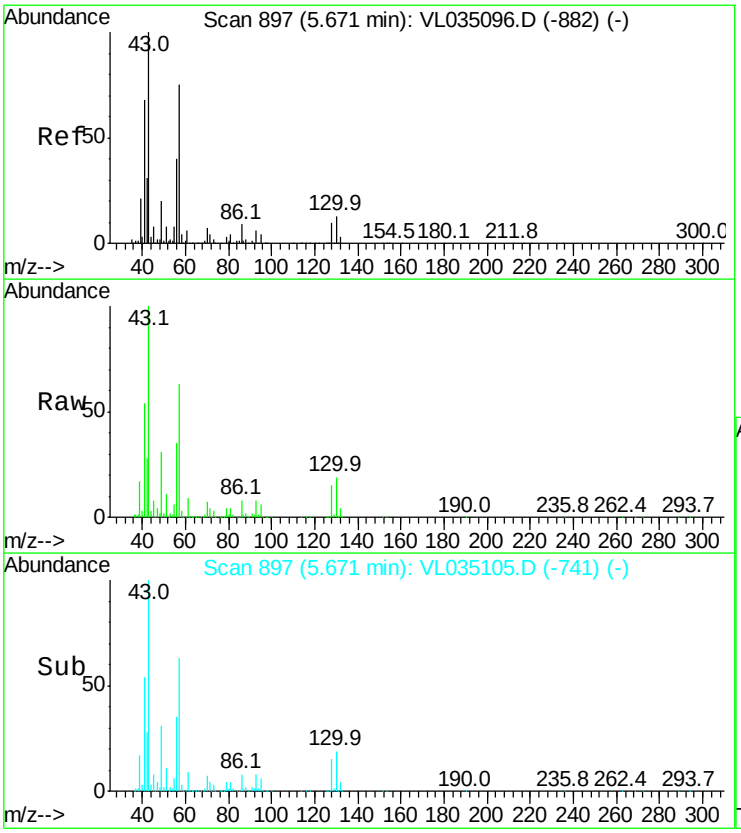
#25
Ethyl Acetate
Concen: 9.203 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2756709

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.4	12.6
61	10.1	8.0	12.0
70	7.8	6.3	9.5

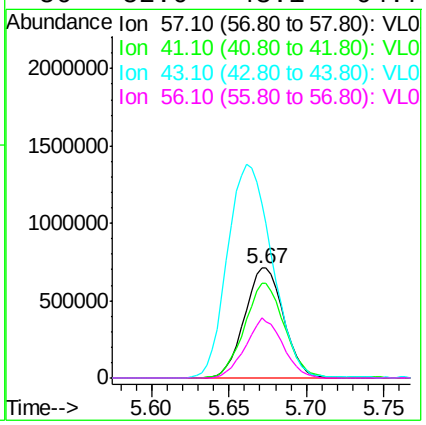


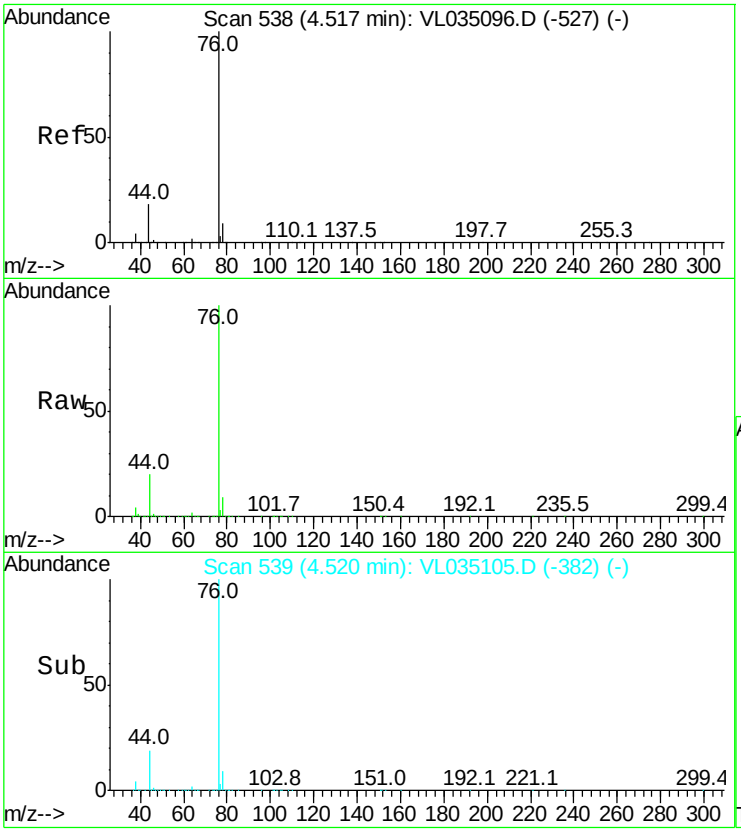


#26
Hexane
Concen: 9.226 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 57 Resp: 1245927

Ion	Ratio	Lower	Upper
57	100		
41	88.4	72.9	109.3
43	223.6	181.3	271.9
56	52.0	43.1	64.7



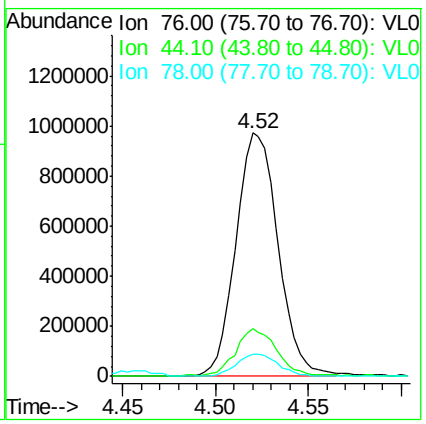


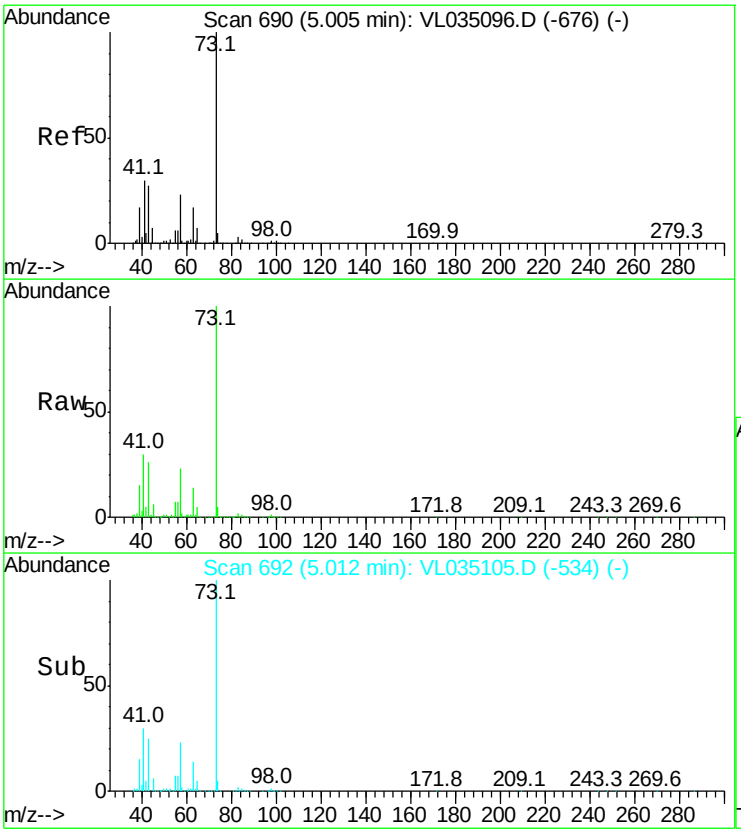
#27
Carbon Disulfide
Concen: 10.956 ppbv
RT: 4.52 min Scan# 539
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1531212

Ion	Ratio	Lower	Upper
76	100		
44	19.0	15.8	23.8
78	9.4	7.6	11.4

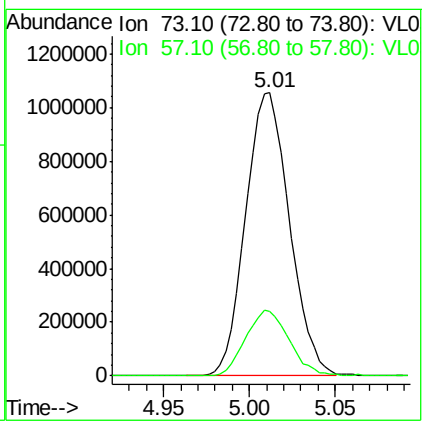


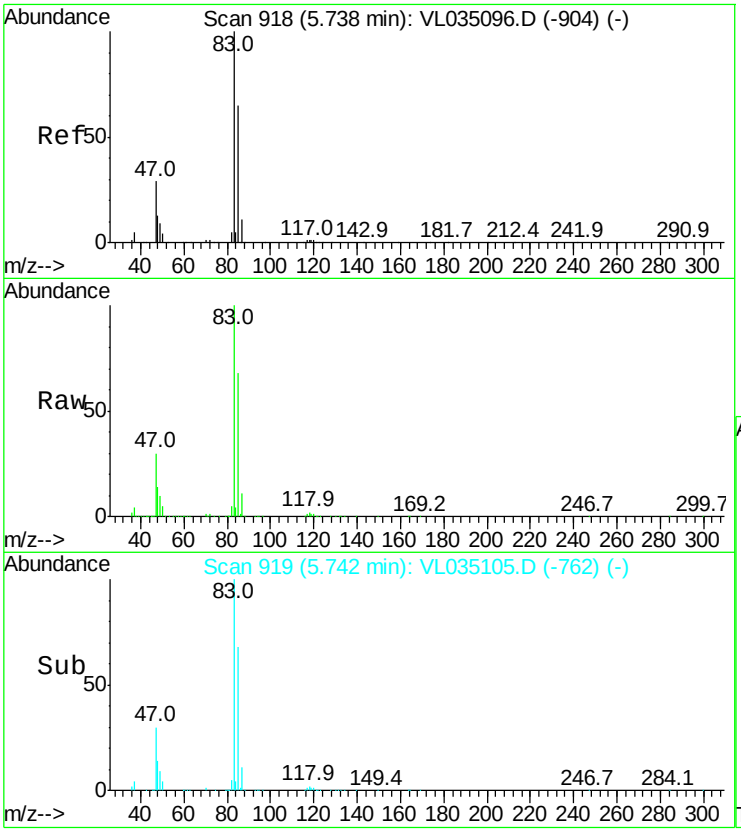


#28
Methyl tert-Butyl Ether
Concen: 9.856 ppbv
RT: 5.01 min Scan# 692
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 73 Resp: 1870068

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.5	27.7



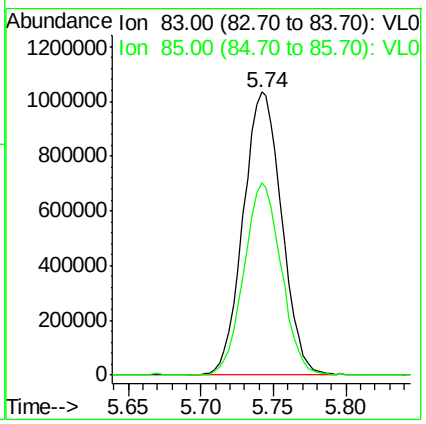


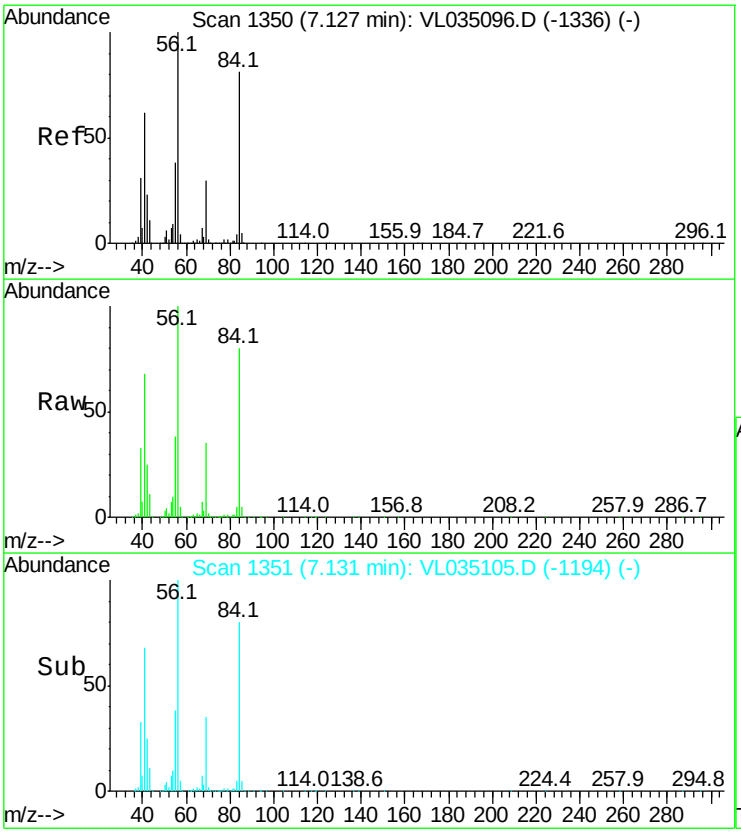
#29
Chloroform
Concen: 9.055 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1913639

Ion	Ratio	Lower	Upper
83	100		
85	68.1	52.1	78.1

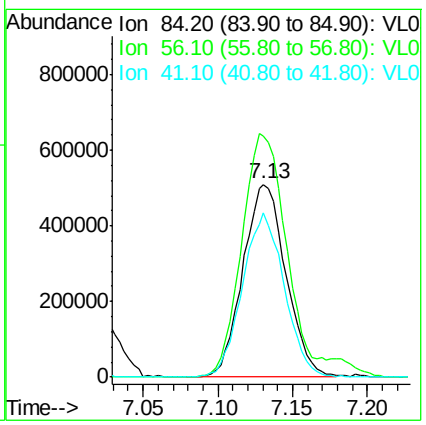


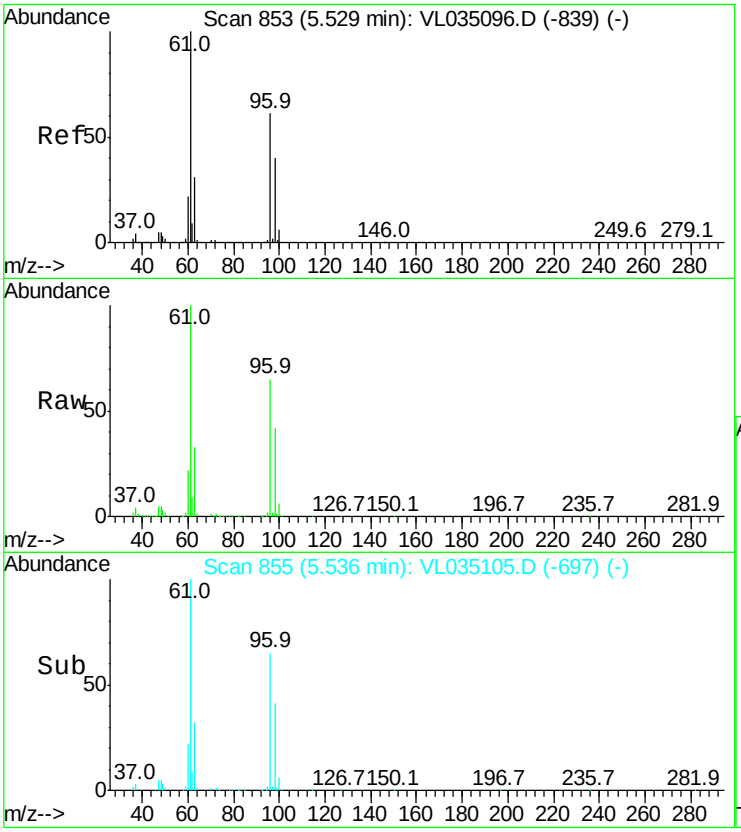


#30
Cyclohexane
Concen: 10.506 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 84 Resp: 1018306

Ion	Ratio	Lower	Upper
84	100		
56	137.3	108.0	162.0
41	83.5	65.6	98.4



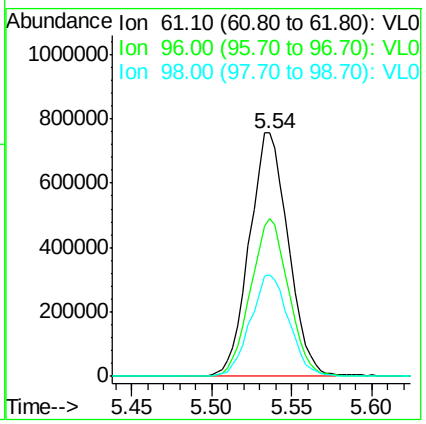


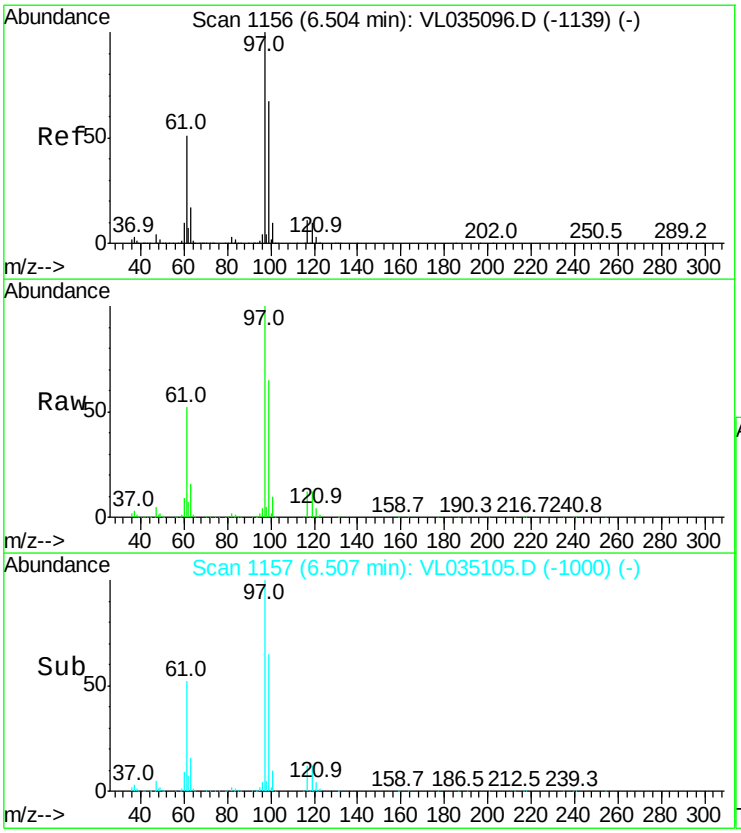
#31
cis-1,2-Dichloroethene
Concen: 10.130 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1261088

Ion	Ratio	Lower	Upper
61	100		
96	64.9	48.8	73.2
98	41.5	31.9	47.9

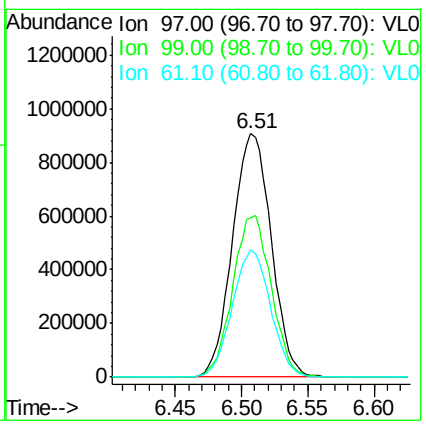


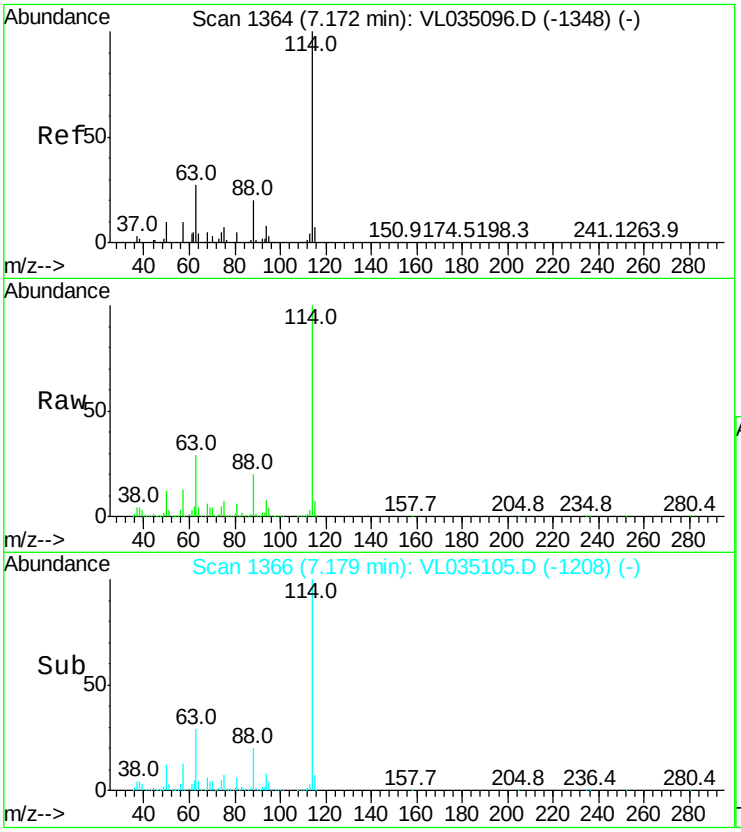


#32
1,1,1-Trichloroethane
Concen: 9.403 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 97 Resp: 1843082

Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.0	78.0
61	51.7	41.0	61.6



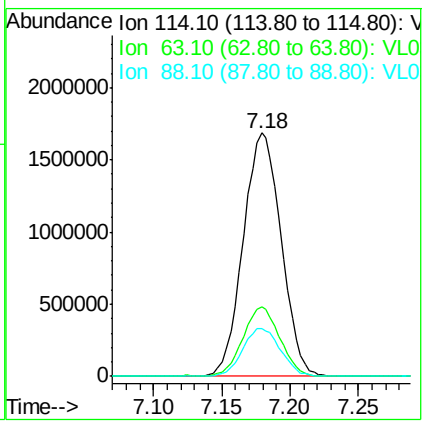


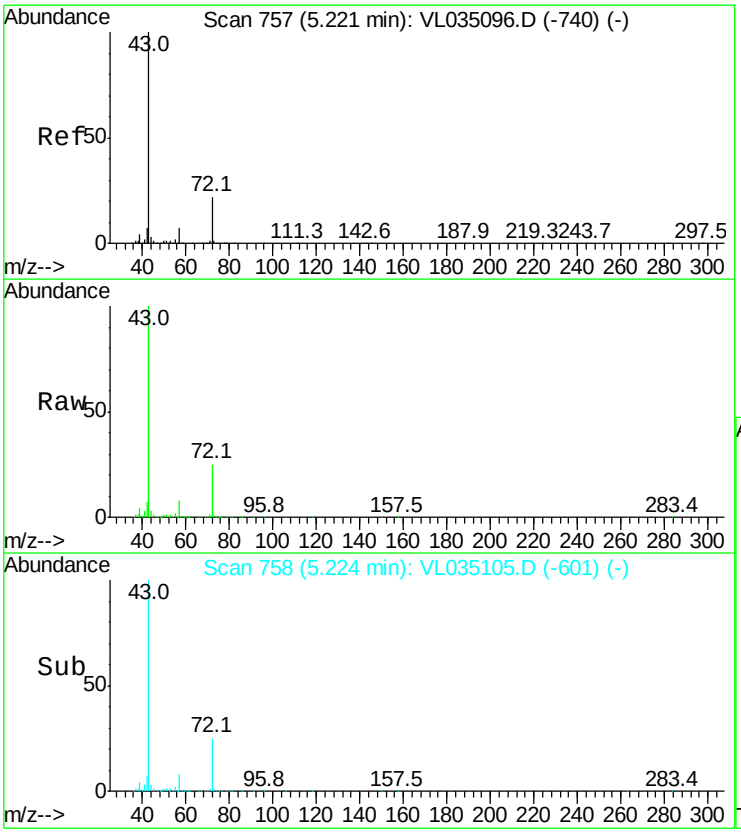
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 3259026

Ion	Ratio	Lower	Upper
114	100		
63	28.2	21.9	32.9
88	19.6	15.6	23.4

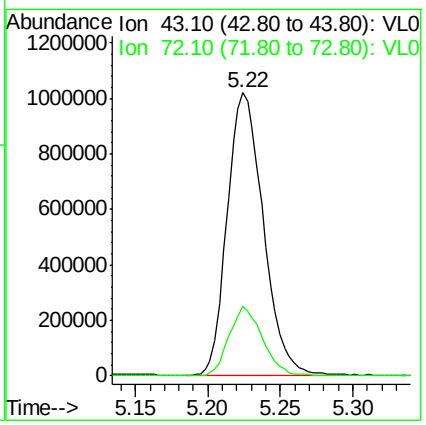


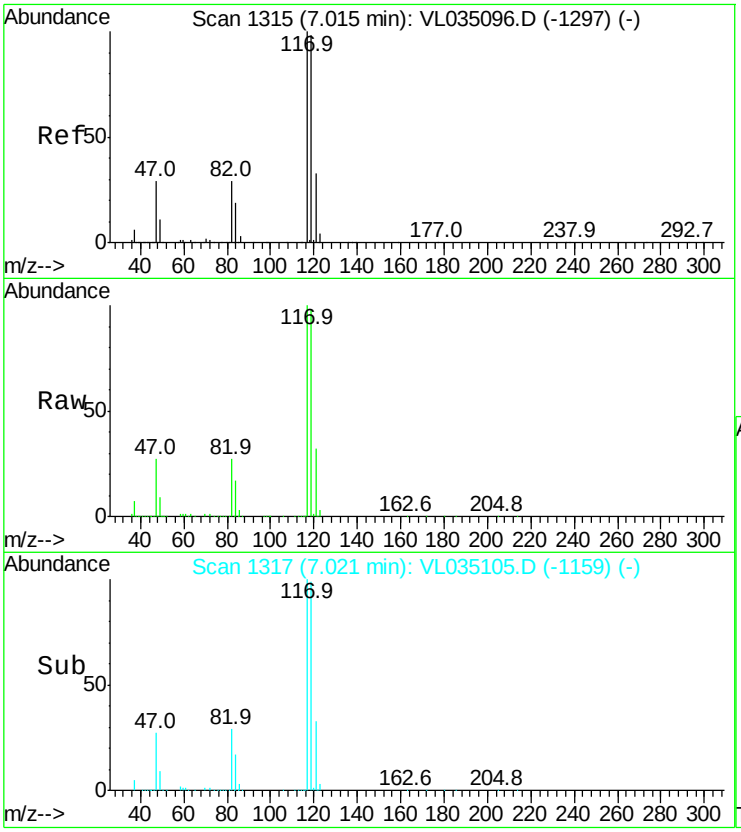


#34
2-Butanone
Concen: 9.410 ppbv
RT: 5.22 min Scan# 758
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 43 Resp: 1761176

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.3	27.5



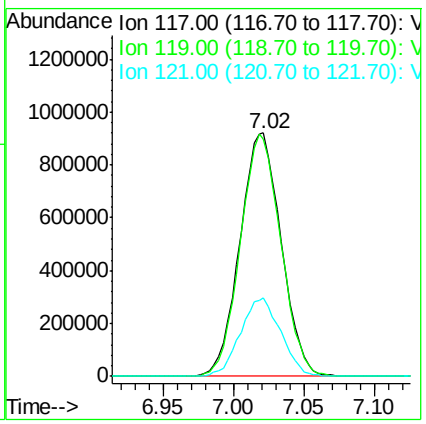


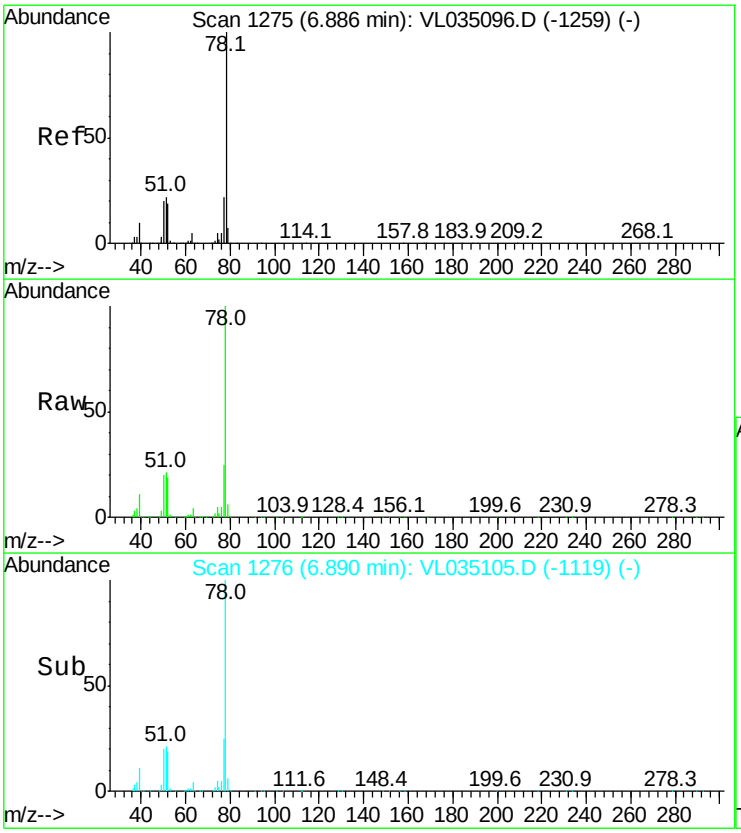
#35
Carbon Tetrachloride
Concen: 9.657 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1887594

Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.3	117.5
121	32.2	26.0	39.0

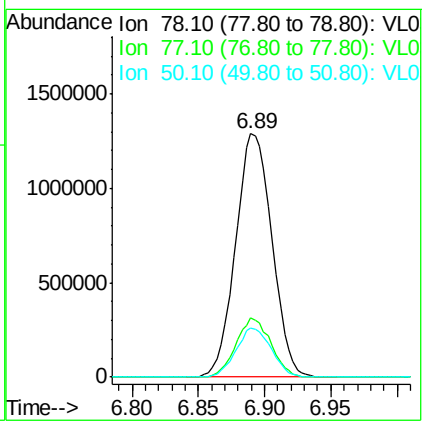


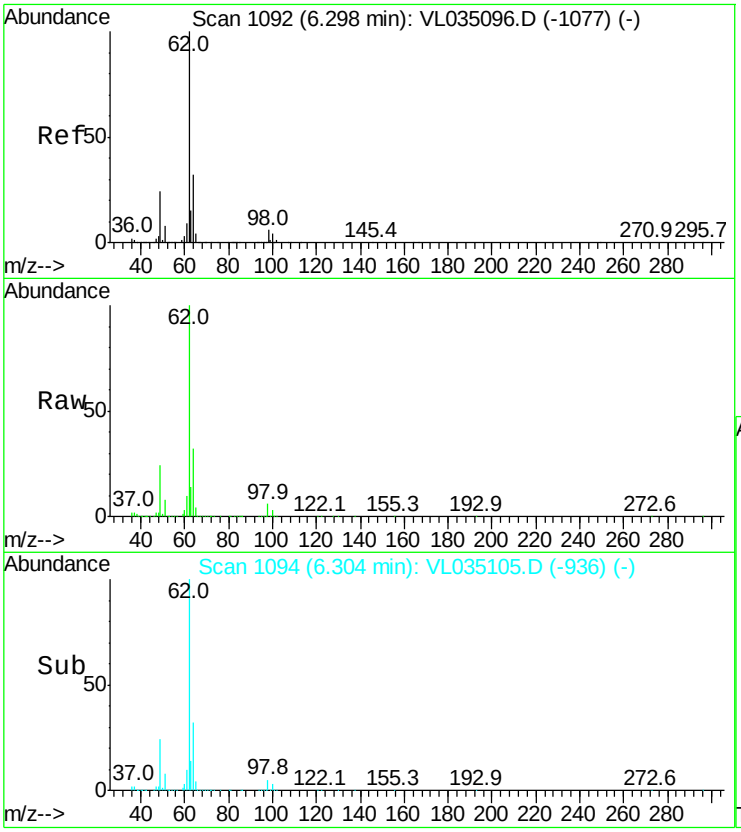


#36
Benzene
Concen: 9.750 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 78 Resp: 2460586

Ion	Ratio	Lower	Upper
78	100		
77	24.5	17.8	26.6
50	20.3	16.2	24.2



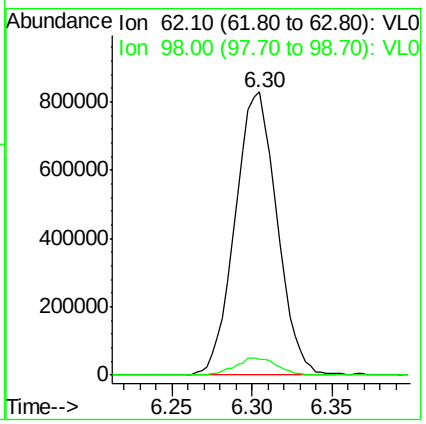


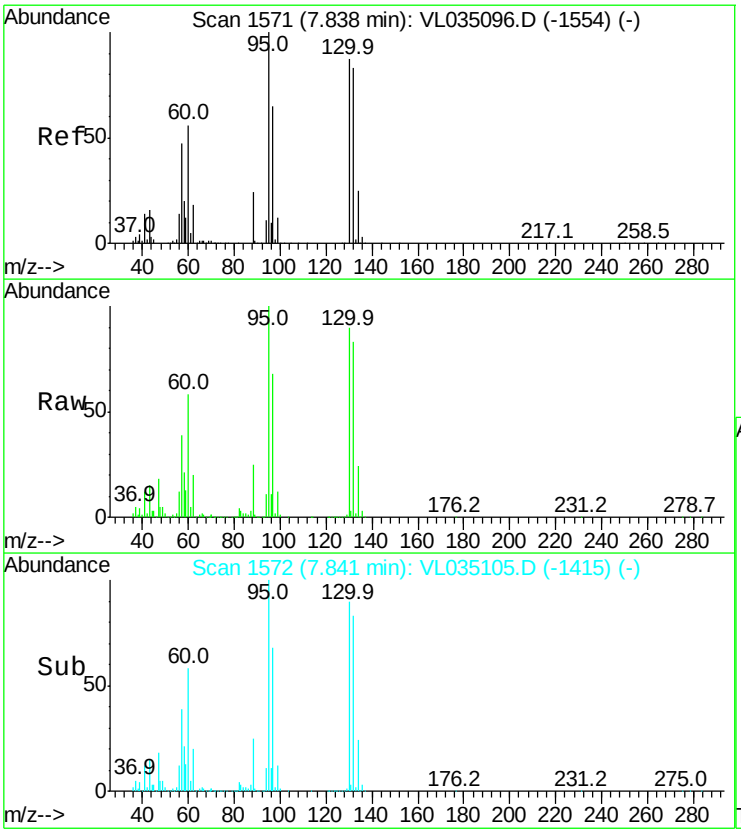
#37
1,2-Dichloroethane
Concen: 9.282 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1480436

Ion	Ratio	Lower	Upper
62	100		
98	6.1	4.8	7.2

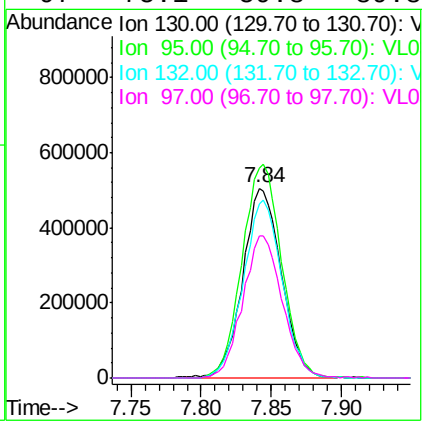


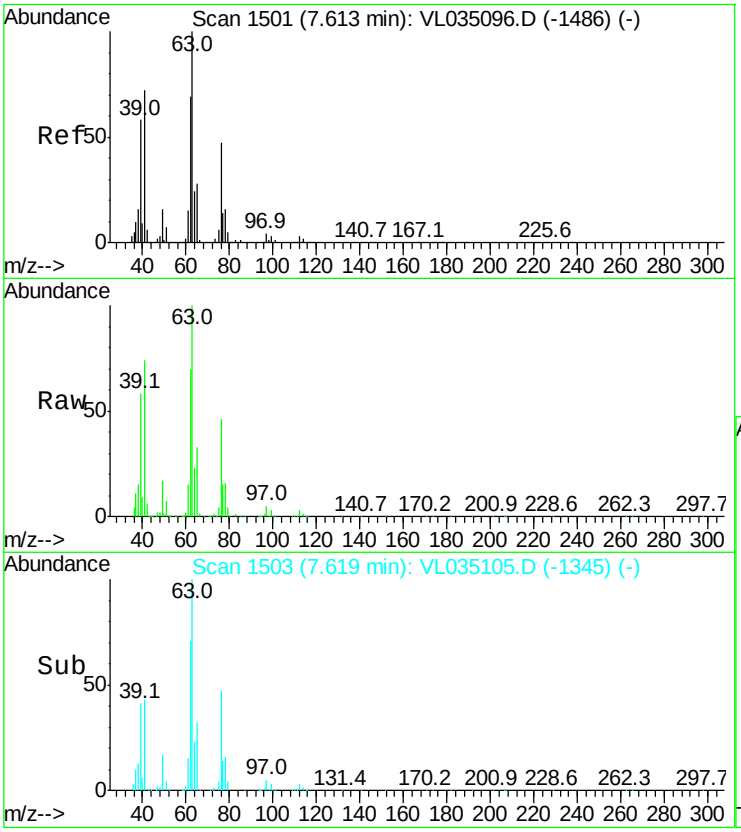


#38
Trichloroethene
Concen: 9.899 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion:130 Resp: 970278

Ion	Ratio	Lower	Upper
130	100		
95	110.5	91.4	137.2
132	91.5	75.8	113.6
97	75.1	59.8	89.8



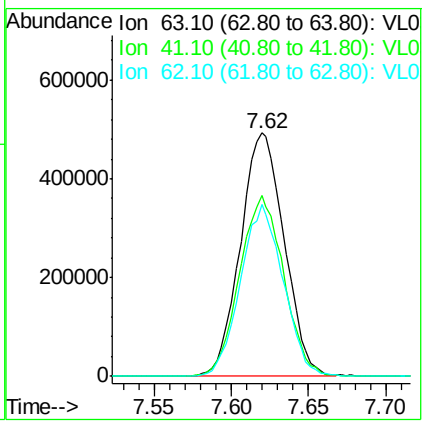


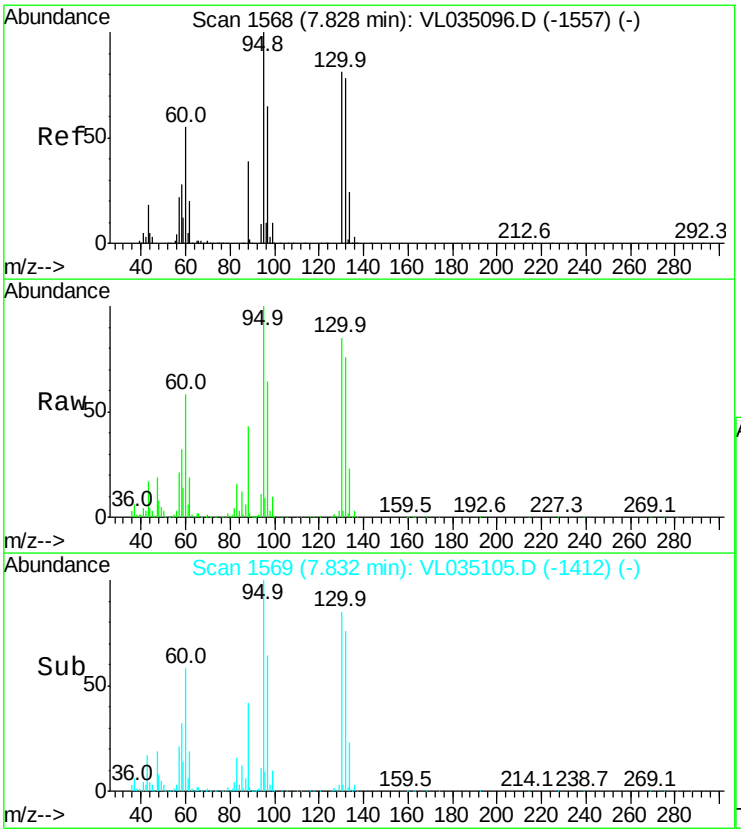
#39
1,2-Dichloropropane
Concen: 9.838 ppbv
RT: 7.62 min Scan# 1503
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 63 Resp: 971066

Ion	Ratio	Lower	Upper
63	100		
41	74.4	58.0	87.0
62	70.3	55.4	83.0

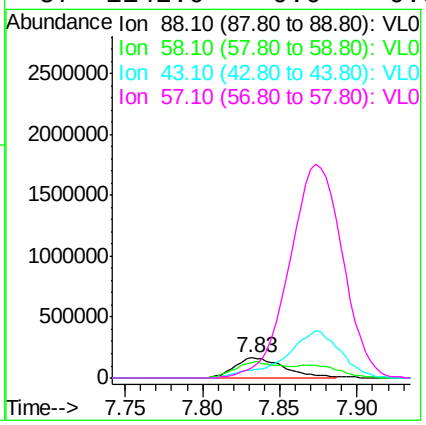


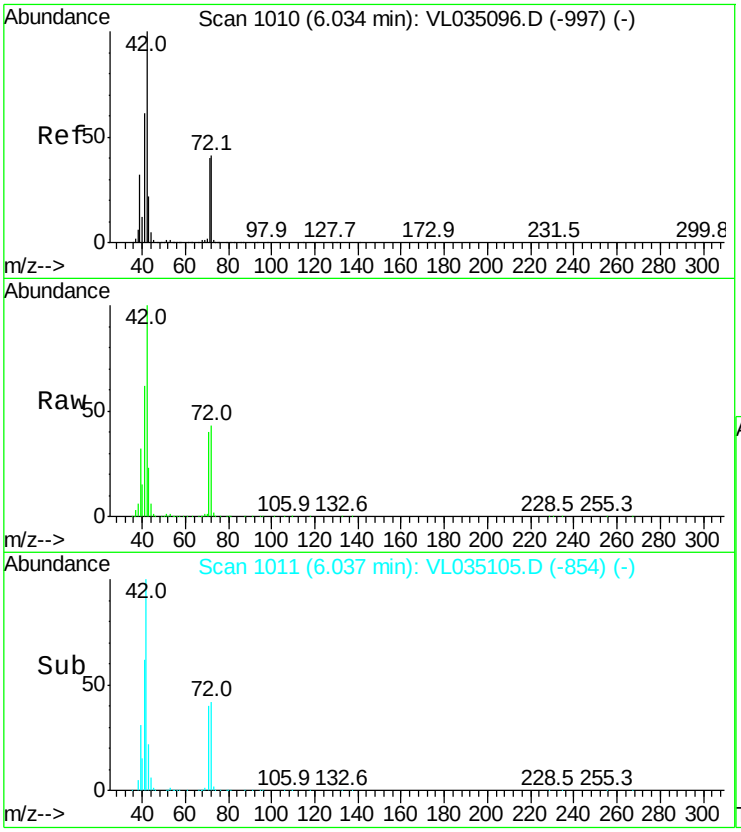


#40
1,4-Dioxane
Concen: 9.451 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 88 Resp: 367933

Ion	Ratio	Lower	Upper
88	100		
58	133.1	110.2	165.4
43	265.3	0.0	0.0#
57	1142.9	0.0	0.0#



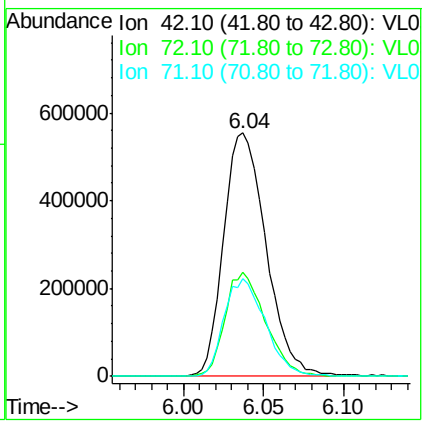


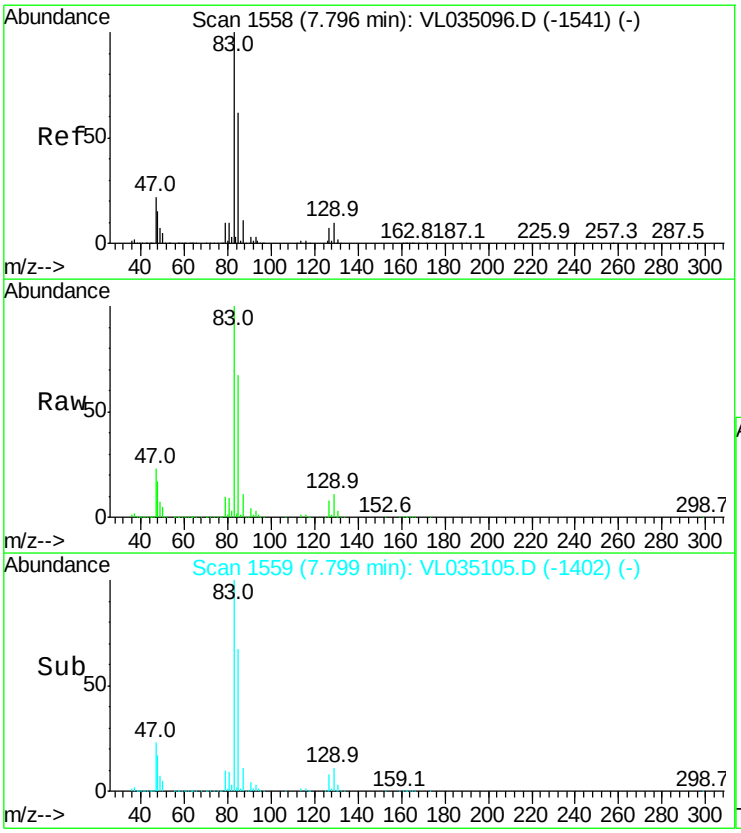
#41
Tetrahydrofuran
Concen: 10.456 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 999508

Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.4	50.2
71	39.5	31.8	47.6

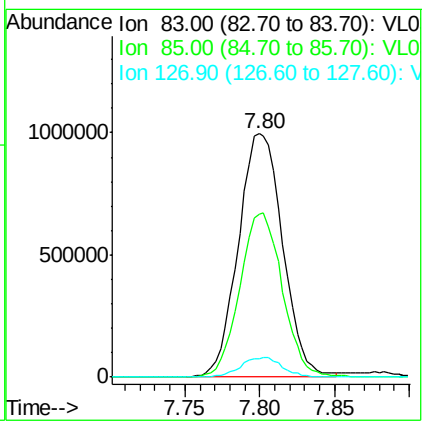


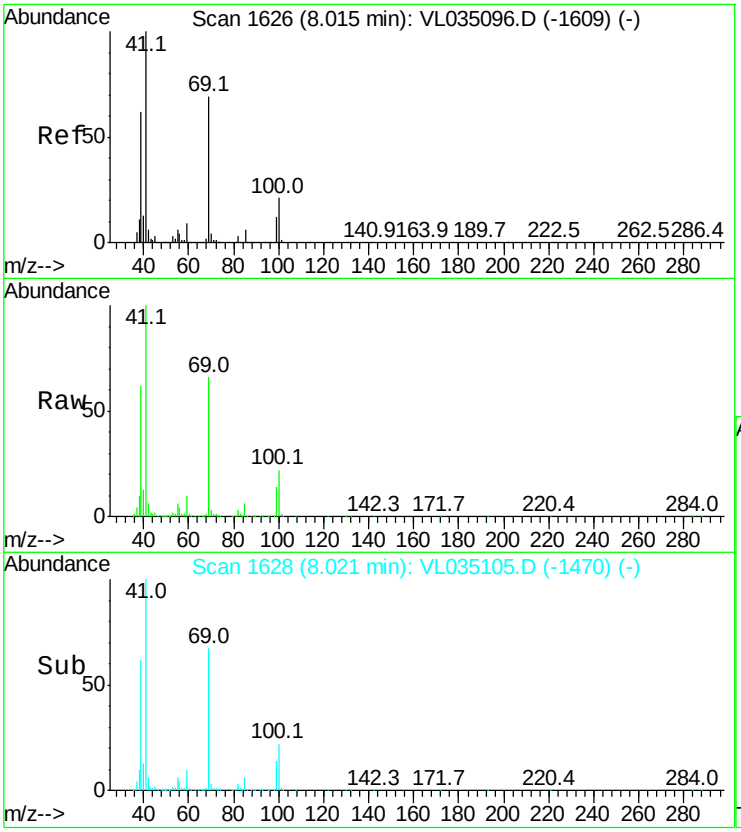


#42
Bromodichloromethane
Concen: 9.898 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 83 Resp: 2044612

Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.4	74.0
127	7.6	5.9	8.9



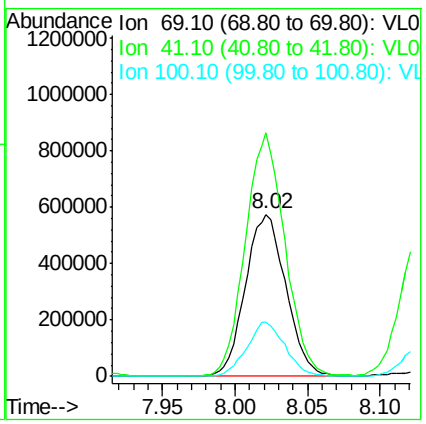


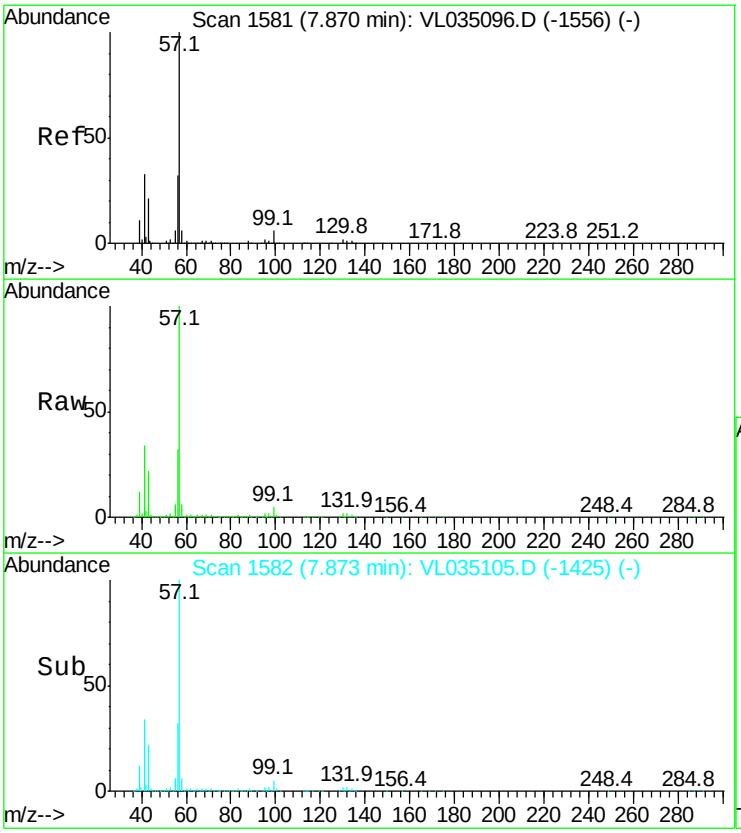
#43
Methyl Methacrylate
Concen: 10.449 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1116188

Ion	Ratio	Lower	Upper
69	100		
41	146.7	116.4	174.6
100	31.9	25.3	37.9

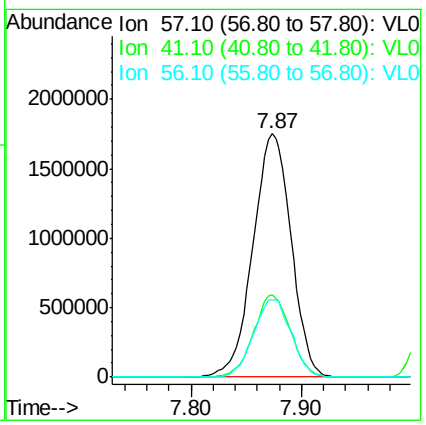


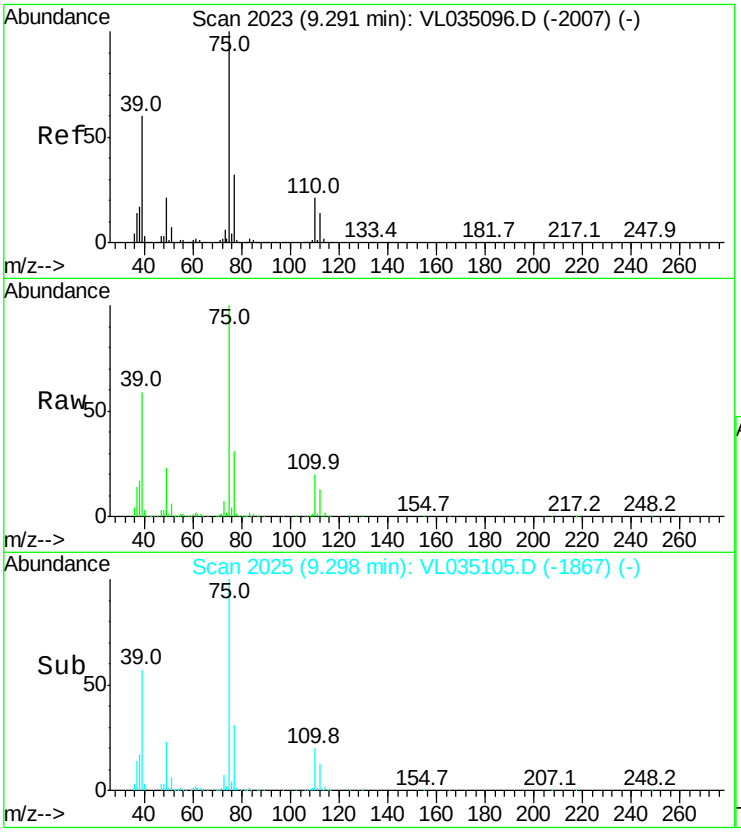


#44
2,2,4-Trimethylpentane
Concen: 9.532 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 57 Resp: 4198453

Ion	Ratio	Lower	Upper
57	100		
41	32.8	26.2	39.2
56	31.4	25.4	38.2



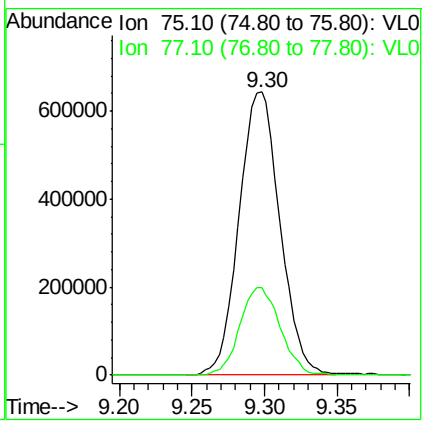


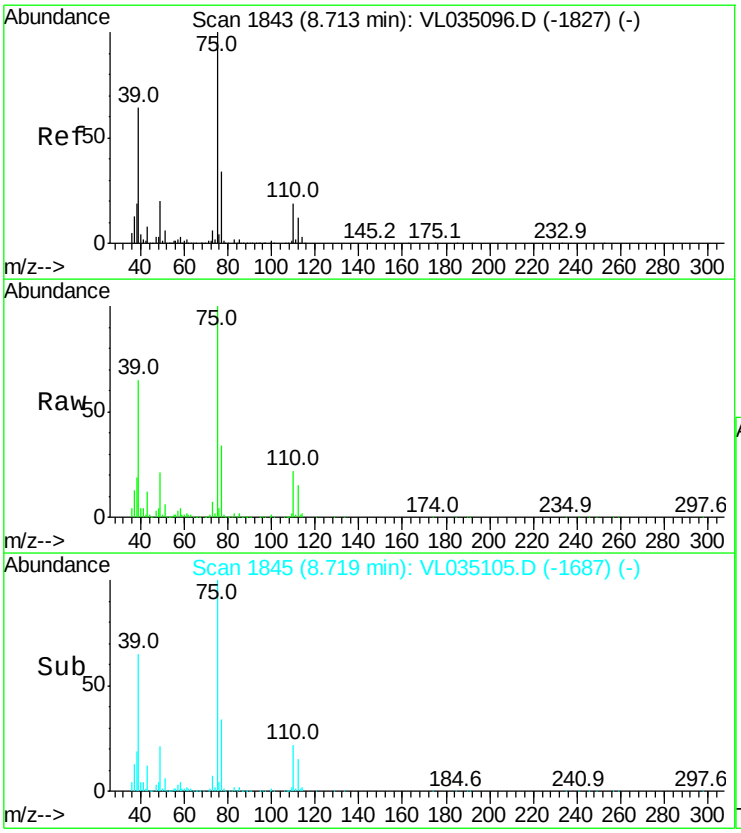
#45
t-1,3-Dichloropropene
Concen: 12.165 ppbv
RT: 9.30 min Scan# 2025
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 75 Resp: 1264664

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.5	38.3

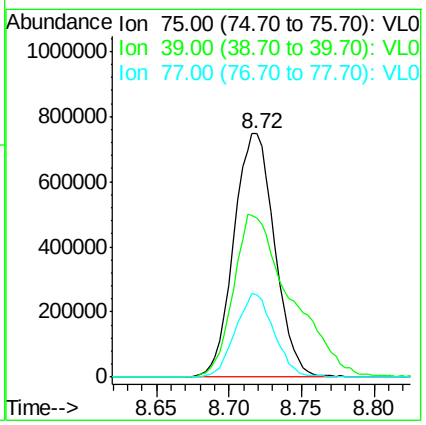


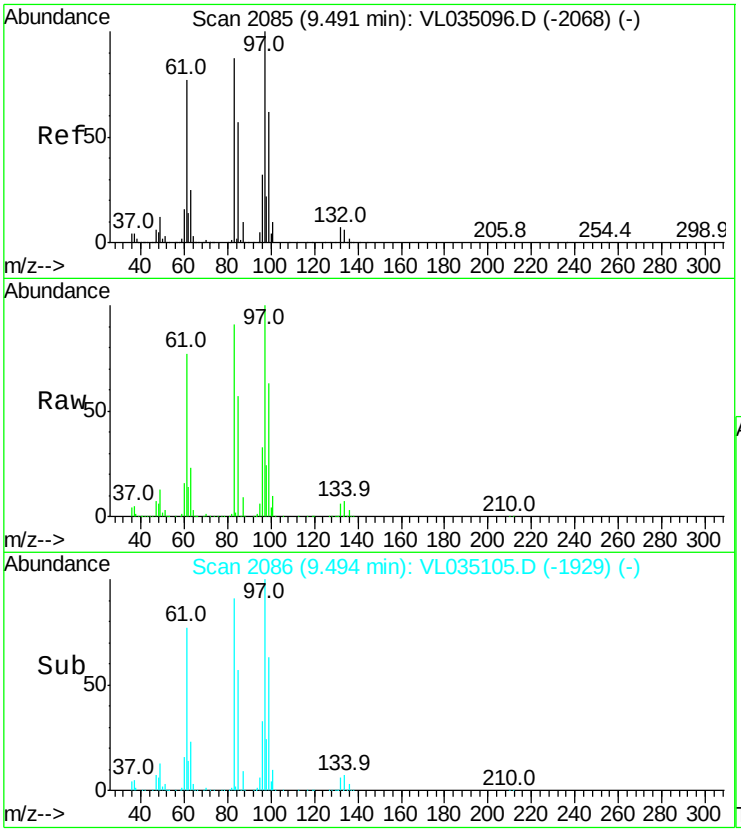


#46
cis-1,3-Dichloropropene
Concen: 11.309 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 75 Resp: 1460527

Ion	Ratio	Lower	Upper
75	100		
39	65.1	51.1	76.7
77	33.7	26.9	40.3



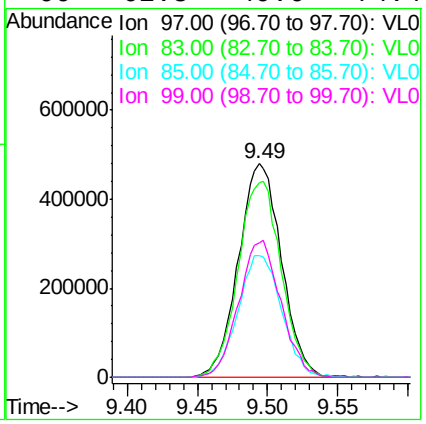


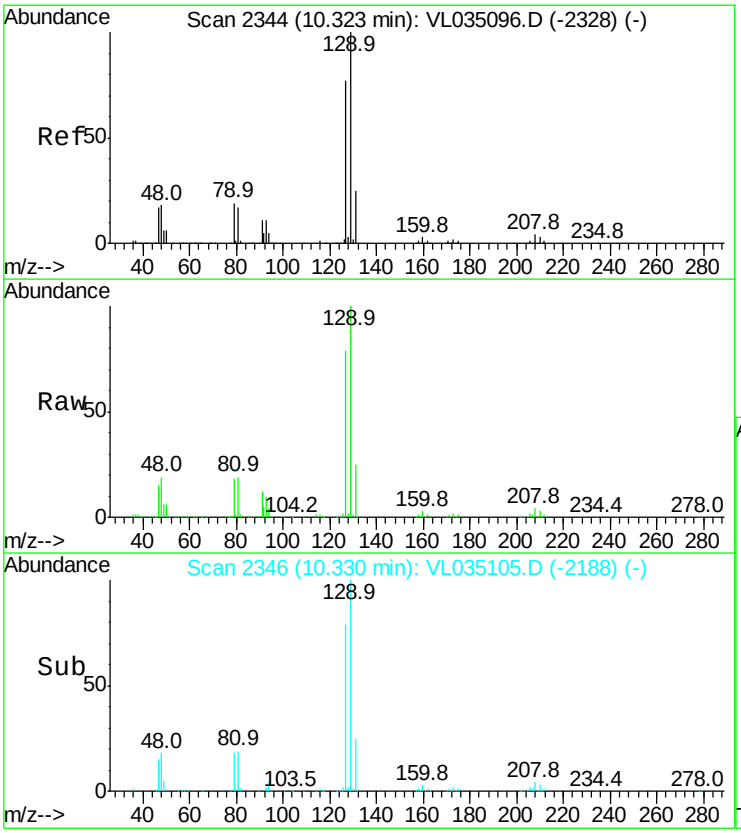
#47
1,1,2-Trichloroethane
Concen: 9.496 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 1022933

Ion	Ratio	Lower	Upper
97	100		
83	91.1	69.5	104.3
85	56.8	46.0	69.0
99	62.8	49.6	74.4

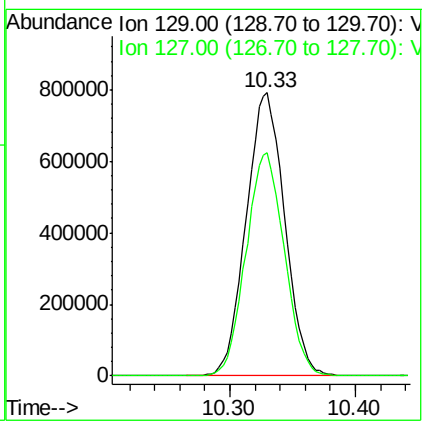


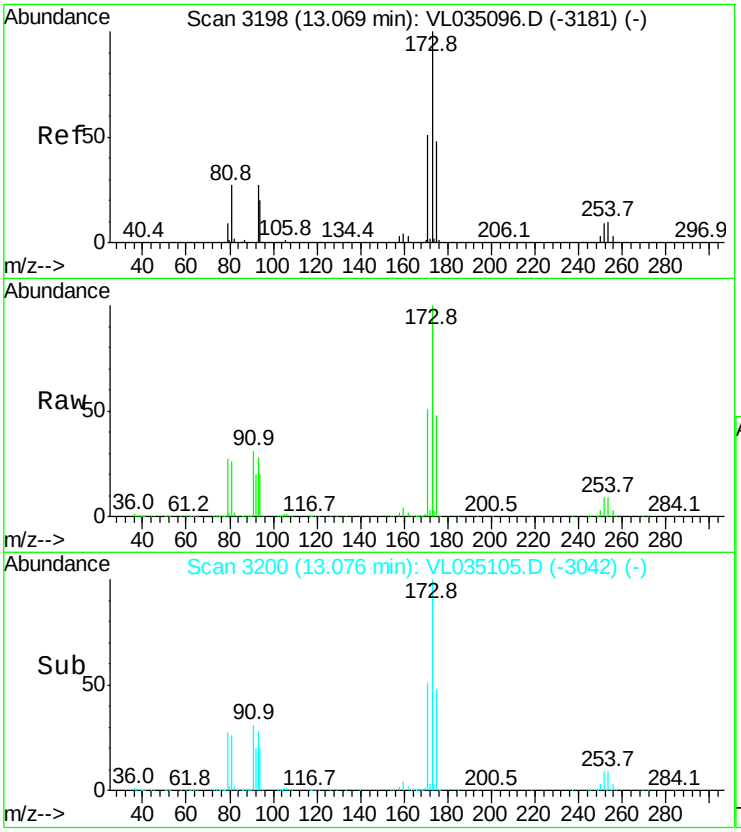


#48
Dibromochloromethane
Concen: 10.523 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion:129 Resp: 1689946

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.3	117.8



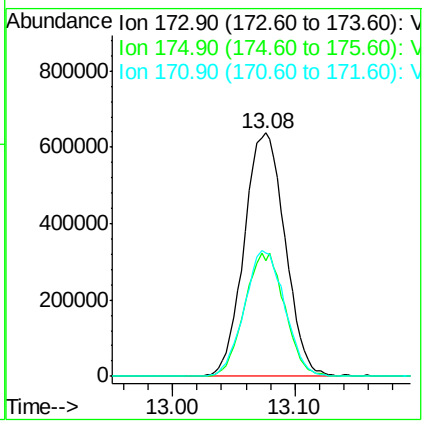


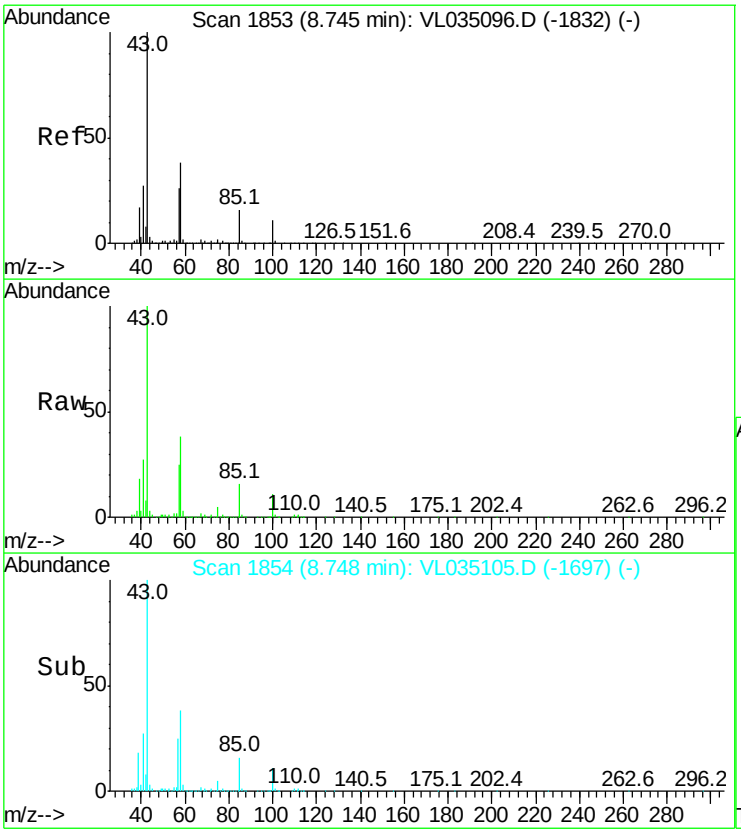
#49
Bromoform
Concen: 10.816 ppbv
RT: 13.08 min Scan# 3200
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1475641

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.1	58.7
171	51.2	41.7	62.5

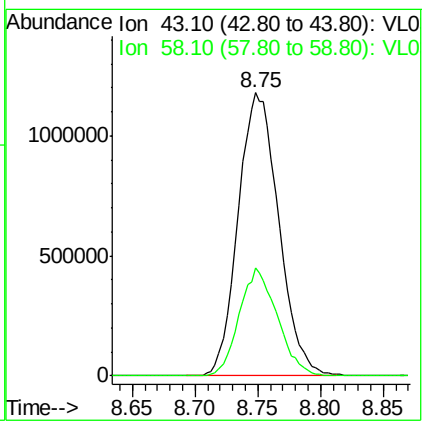


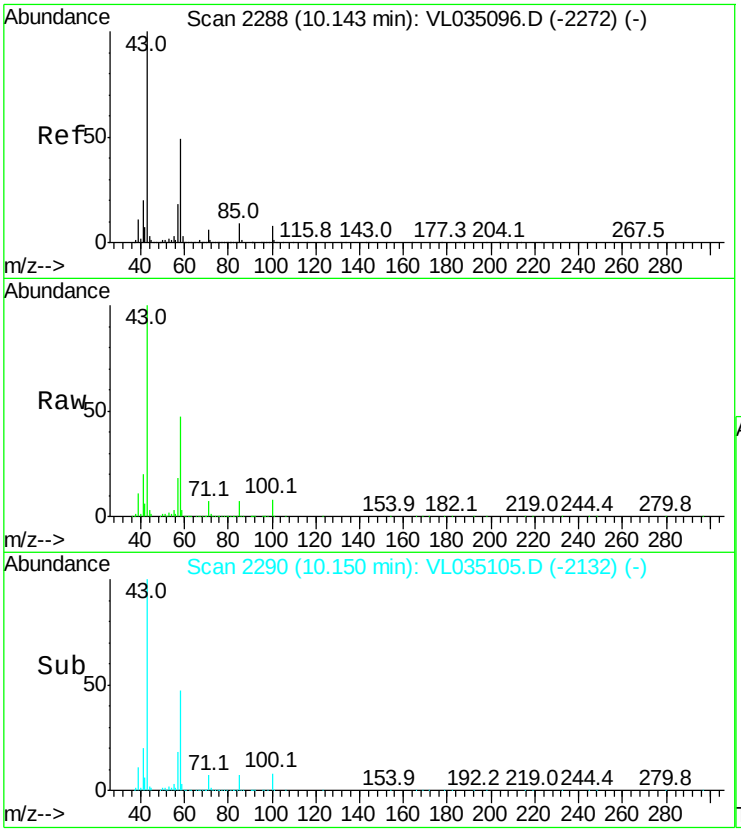


#50
4-Methyl-2-Pentanone
Concen: 9.953 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion: 43 Resp: 2646491

Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.4	44.0



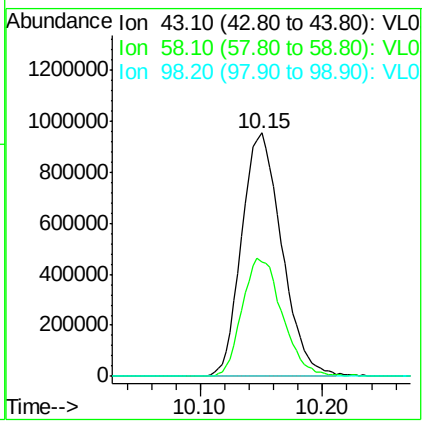


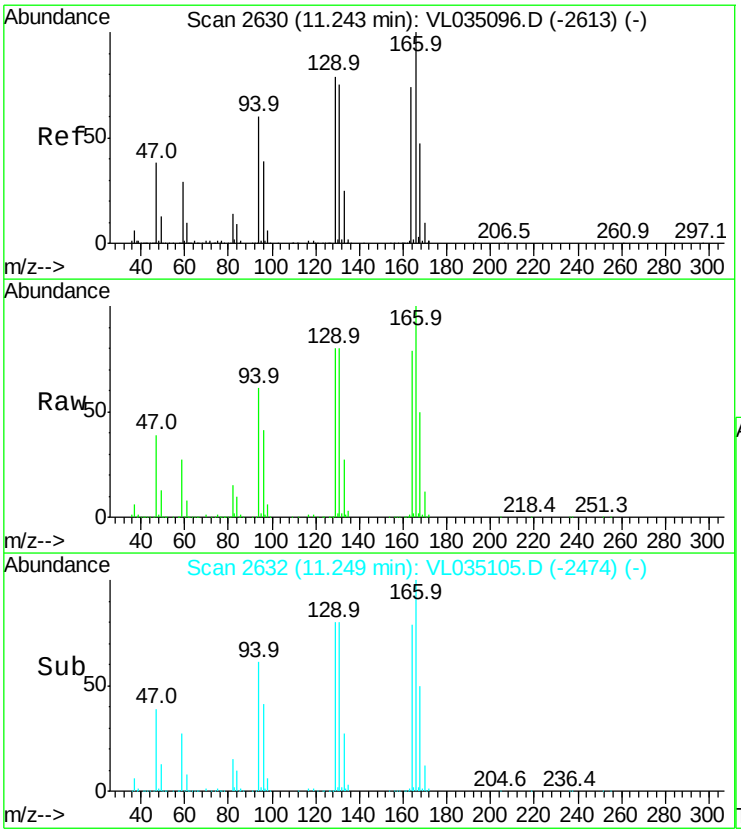
#51
2-Hexanone
Concen: 10.407 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2167122

Ion	Ratio	Lower	Upper
43	100		
58	48.6	39.2	58.8
98	0.1	0.3	0.5#





#52
Tetrachloroethene
Concen: 9.843 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.01 min
Lab File: VL035105.D
Acq: 22 Jun 2020 8:23

Tgt Ion:164 Resp: 875297

Ion	Ratio	Lower	Upper
164	100		
166	126.2	107.5	161.3
129	100.4	84.9	127.3
131	100.6	81.1	121.7