Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

Quantitation Report (Not Reviewed)

Data File : VL035387.D
Acq On : 12 Aug 2020 15:59
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Aug 12 16:34:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1326998	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3285999	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3383034	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2631172	9.33	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1857294	10.522	ppbv	98
3) Chlorodifluoromethane	2.98	51	2075530	13.702	ppbv	98
4) Chloromethane	3.13	50	1192905	13.910	ppbv	97
5) Vinyl Chloride	3.25	62	1129615	12.805	ppbv	100
6) Bromomethane	3.47	94	657433	12.165	ppbv	97
7) Chloroethane	3.55	64	412485	12.590	ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	2284419	10.950	ppbv	100
9) Propene	3.01	41	1035572	19.185	ppbv	99
10) Heptane	8.14	43	2663871	19.321	ppbv	99
11) Trichlorofluoromethane	3.95	101	2570157	11.239	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1739700	10.644	ppbv	100
13) Ethanol	3.60	45	272802	14.654	ppbv	96
14) Bromoethene	3.74	108	816908	12.464	ppbv	100
15) Acetone	3.85	43	2039852	10.825	ppbv	100
16) 1,3-Butadiene	3.32	39	1084724	14.955	ppbv	100
17) tert-Butyl alcohol	4.29	59	2578907	14.911	ppbv	100
18) 1,1-Dichloroethene	4.29	96	823715	11.736	ppbv	98
19) Isopropyl Alcohol	3.97	45	1703349	14.260	ppbv	98
20) Methylene Chloride	4.34	84	776295	10.102	ppbv	97
21) Allyl Chloride	4.41	41	1504854	13.938	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	855644	12.573	ppbv	95
23) Vinyl Acetate	5.08	43	3489641	19.313	ppbv	99
24) 1,1-Dichloroethane	5.02	63	2357962	13.886	ppbv	100
25) Ethyl Acetate	5.69	43	4249795	14.843	ppbv	99
26) Hexane	5.70	57	1900259	15.300	ppbv	98
27) Carbon Disulfide	4.55	76	2259077	13.008	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	3188490	17.656	ppbv	100
29) Chloroform	5.76	83	2876802	13.436	ppbv	98
30) Cyclohexane	7.14	84	1643028	17.446	ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	2017993	18.277	ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	2932755	13.032	ppbv	100
34) 2-Butanone	5.25	43	2966110	18.332	ppbv	98
35) Carbon Tetrachloride	7.03	117	2921370	12.919	ppbv	97
36) Benzene	6.91	78	3907489	17.610	ppbv	99
37) 1,2-Dichloroethane	6.32	62	2308574	14.893	ppbv	99
38) Trichloroethene	7.85	130	1405068	13.727	ppbv	97
39) 1,2-Dichloropropane	7.63	63	1593036	17.734	ppbv	96
40) 1,4-Dioxane	7.85	88	609048	15.832	ppbv	95
41) Tetrahydrofuran	6.06	42	1807196	22.761	ppbv	99
42) Bromodichloromethane	7.81	83	3190397	15.326	ppbv	99
43) Methyl Methacrylate	8.03	69	1838244	19.692	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

Quantitation Report (Not Reviewed)

Data File : VL035387.D
Acq On : 12 Aug 2020 15:59
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Aug 12 16:34:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	6328070	16.053	ppbv		98
45) t-1,3-Dichloropropene	9.30	75	2259580	23.334	ppbv		98
46) cis-1,3-Dichloropropene	8.72	75	2504653	21.417	ppbv		96
47) 1,1,2-Trichloroethane	9.50	97	1645224	15.233	ppbv		98
48) Dibromochloromethane	10.33	129	2676502	15.128	ppbv		100
49) Bromoform	13.07	173	2273844	14.105	ppbv		99
50) 4-Methyl-2-Pentanone	8.76	43	4350084	17.609	ppbv		99
51) 2-Hexanone	10.15	43	3766700	19.449	ppbv	#	99
52) Tetrachloroethene	11.25	164	1292826	14.696	ppbv		97
53) Toluene	9.83	91	4528021	18.759	ppbv		98
54) 1,2-Dibromoethane	10.64	107	2547962	16.443	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1961043	12.281	ppbv		97
57) Chlorobenzene	12.18	112	3271455	12.843	ppbv		100
58) Ethyl Benzene	12.74	91	6059413	17.213	ppbv		96
59) m/p-Xylene	13.02	91	4237110	12.926	ppbv	#	7
60) o-Xylene	13.73	91	4745475	14.589	ppbv		99
61) Styrene	13.56	104	3810559	19.182	ppbv		99
62) Isopropylbenzene	14.70	105	7052754	14.400	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.71	83	3355283	12.091	ppbv		99
64) n-propylbenzene	15.59	120	1967637	14.949	ppbv		95
65) tert-Butylbenzene	16.78	119	6047416	13.484	ppbv		99
66) Benzyl Chloride	17.02	91	3267419	18.407	ppbv		100
67) sec-Butylbenzene	17.33	105	8575218	13.518	ppbv		98
69) p-Isopropyltoluene	17.69	119	7250526	14.019	ppbv		97
70) n-Butylbenzene	18.58	91	7886554	14.256	ppbv		99
71) 2-Chlorotoluene	15.48	91	5832148	16.256	ppbv		99
72) 4-Ethyltoluene	15.87	105	5903756	15.919	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	5525084	15.526	ppbv		97
74) 1,2,4-Trimethylbenzene	16.80	105	5402527	13.283	ppbv		96
75) 1,3-Dichlorobenzene	17.03	146	3131828	11.771	ppbv		99
76) 1,4-Dichlorobenzene	17.17	146	3275162	13.292	ppbv		99
77) 1,2-Dichlorobenzene	17.85	146	3184390	12.968	ppbv		99
78) Hexachloro-1,3-Butadiene	23.41	225	2466946	11.808	ppbv		99
79) Naphthalene	22.24	128	7020557	22.441	ppbv		98
80) Naphthalene,2-methyl-	25.00	142	3473250	48.807	ppbv		99
81) 1,2,4-Trichlorobenzene	21.97	180	3268668	16.579	ppbv		99

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

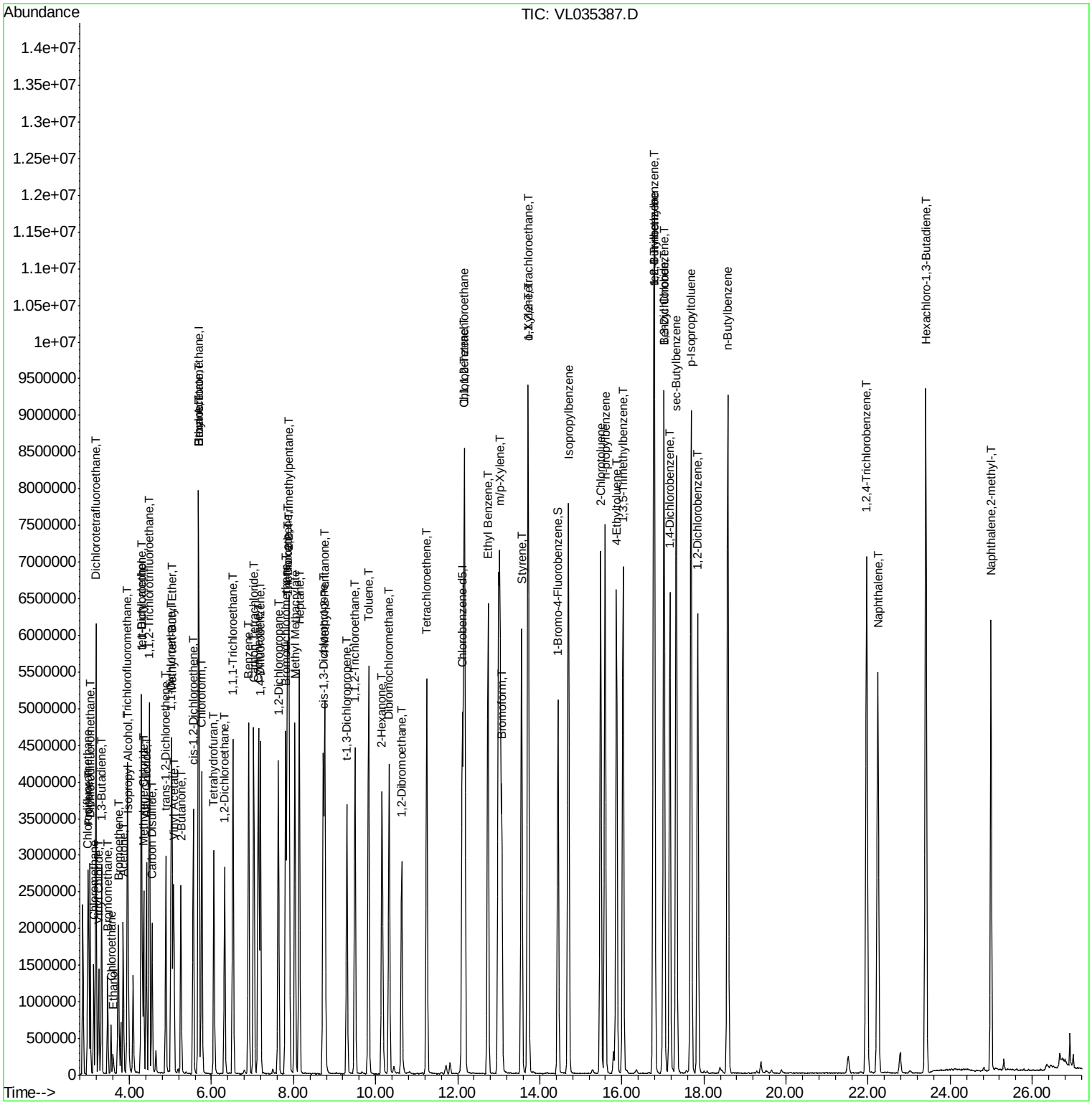
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

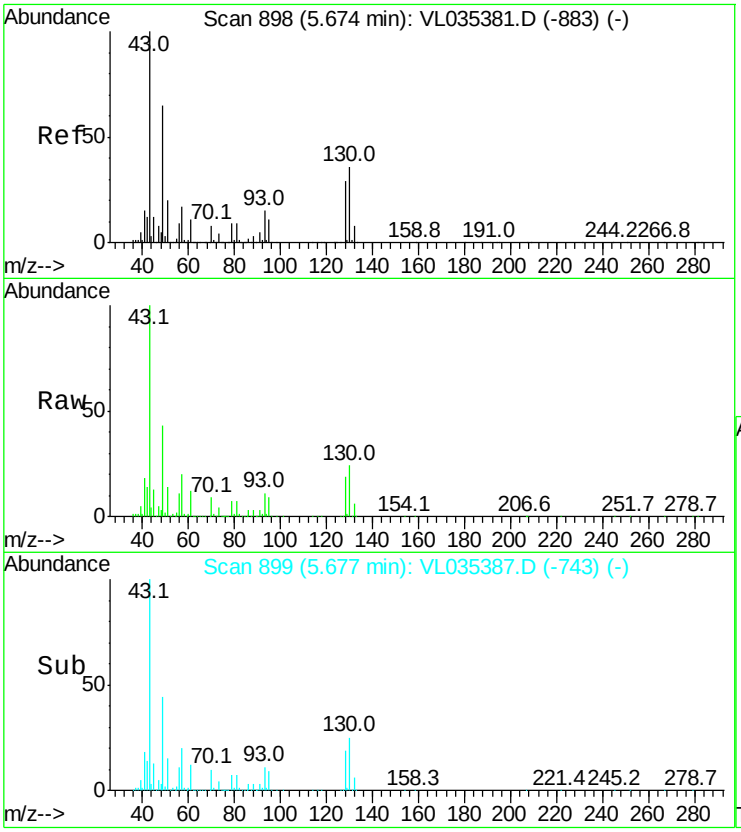
Quantitation Report (Not Reviewed)

Data File : VL035387.D
Acq On : 12 Aug 2020 15:59
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Aug 12 16:34:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration



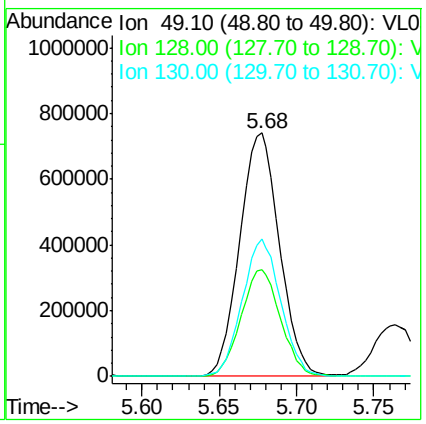


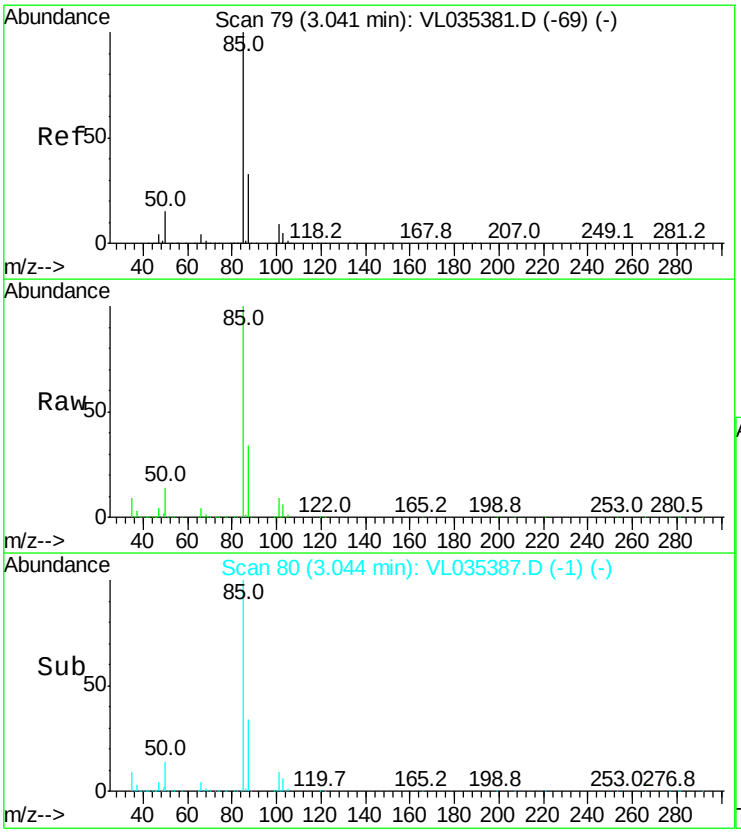
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1326998

Ion	Ratio	Lower	Upper
49	100		
128	43.6	21.8	65.3
130	54.8	27.9	83.6

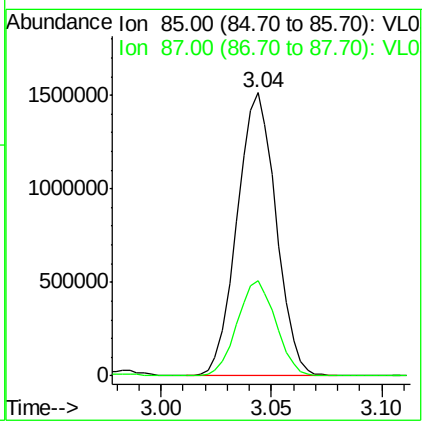


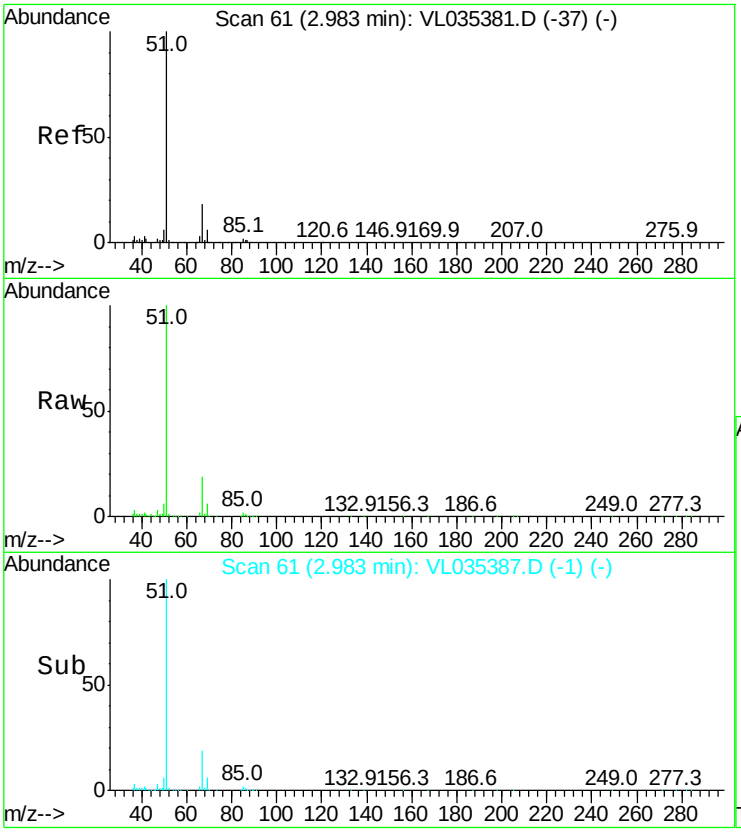


#2
Dichlorodifluoromethane
Concen: 10.522 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 85 Resp: 1857294

Ion	Ratio	Lower	Upper
85	100		
87	33.6	26.1	39.1



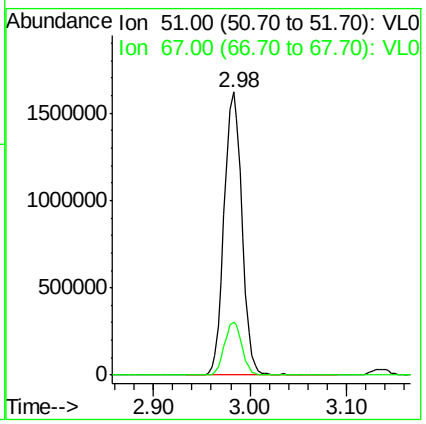


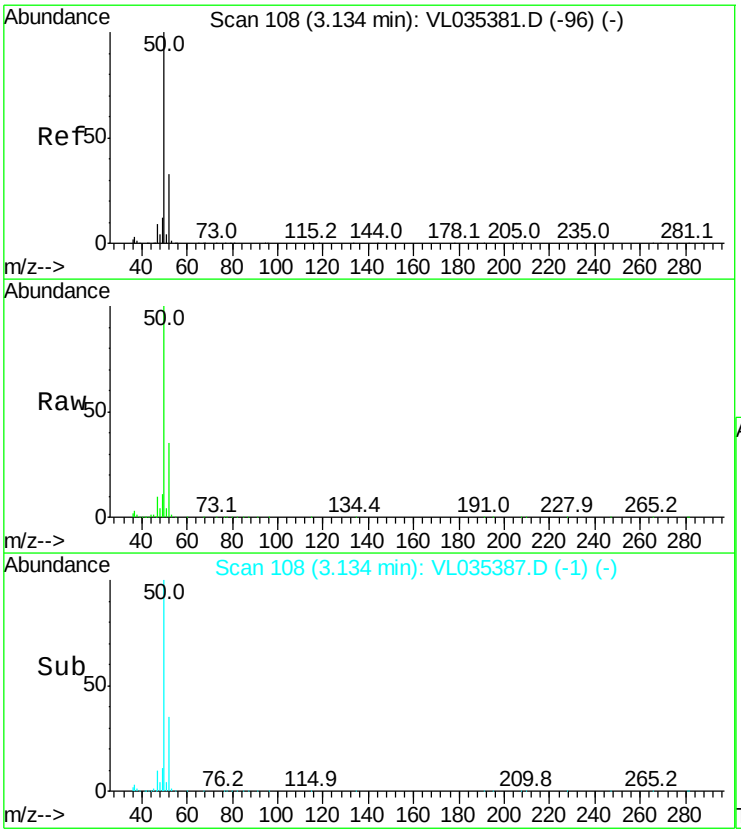
#3
Chlorodifluoromethane
Concen: 13.702 ppbv
RT: 2.98 min Scan# 61
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2075530

Ion	Ratio	Lower	Upper
51	100		
67	18.4	14.1	21.1

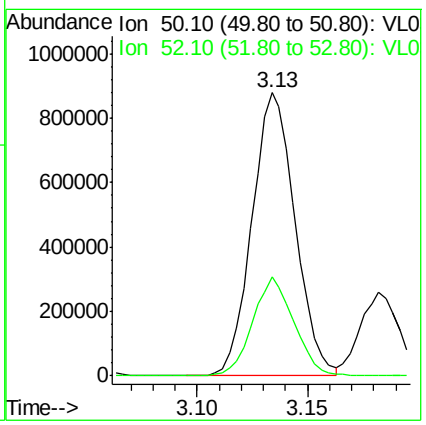


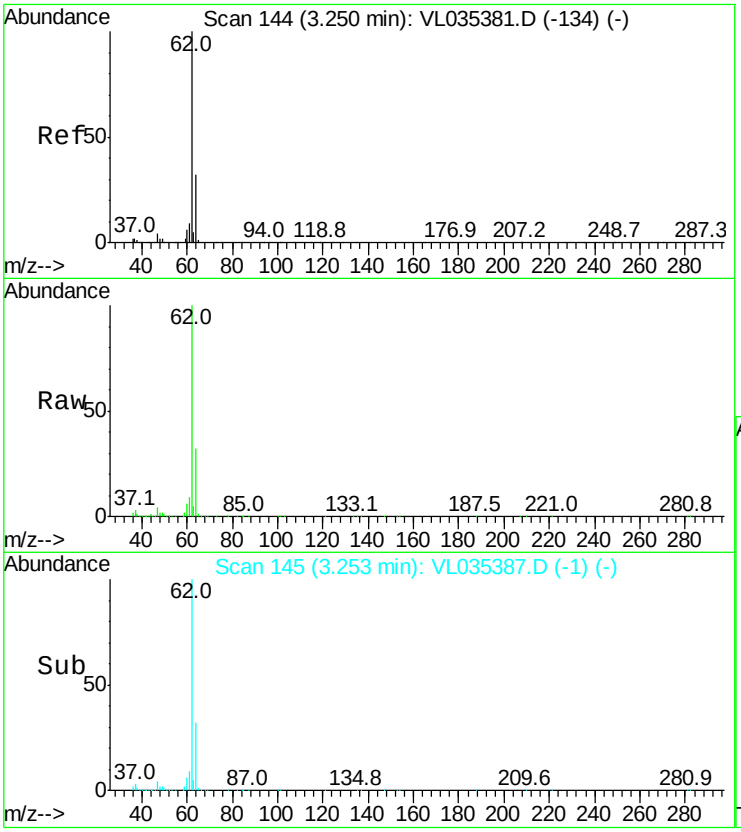


#4
Chloromethane
Concen: 13.910 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 50 Resp: 1192905

Ion	Ratio	Lower	Upper
50	100		
52	35.0	26.6	39.8



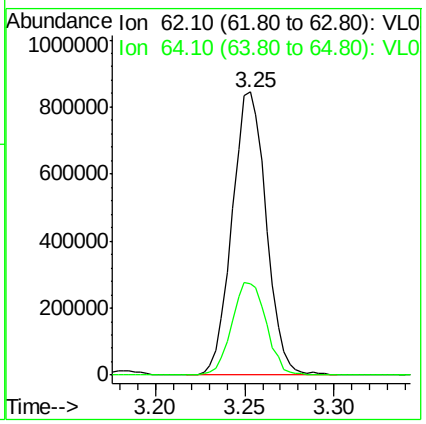


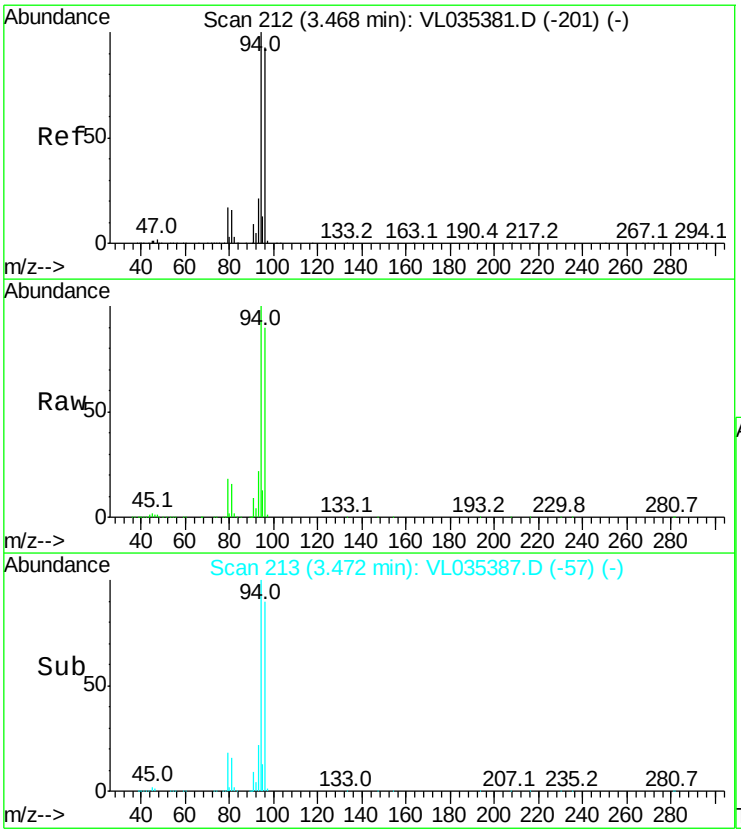
#5
Vinyl Chloride
Concen: 12.805 ppbv
RT: 3.25 min Scan# 145
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1129615

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.7	38.5

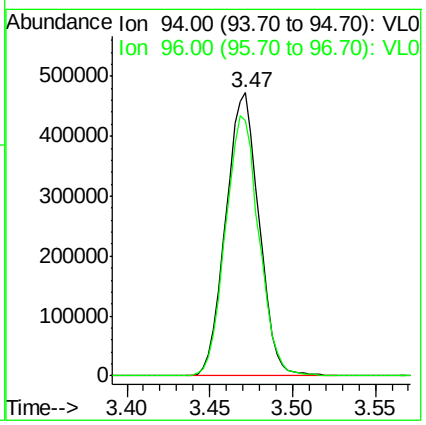


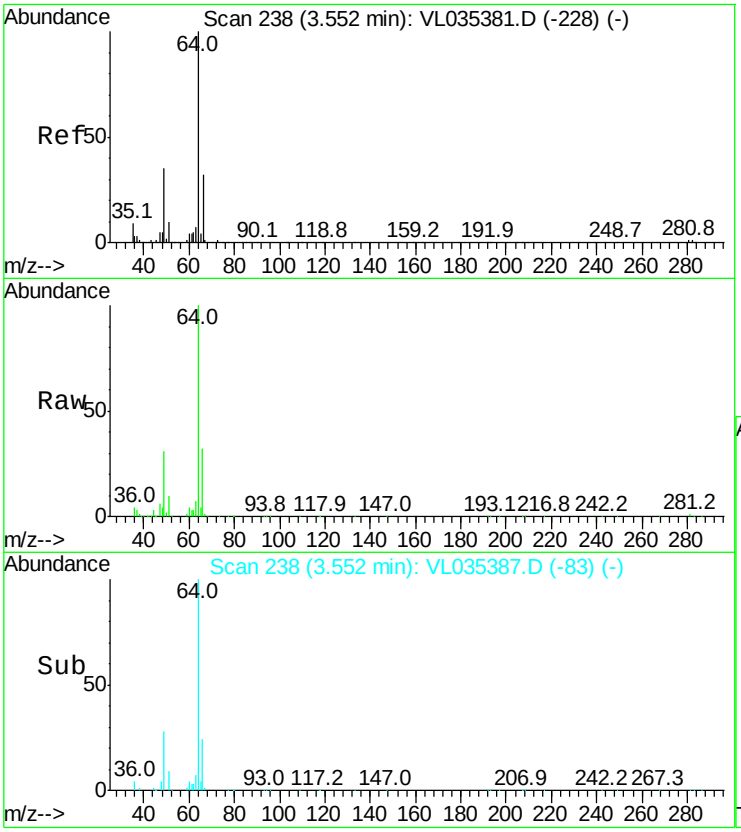


#6
Bromomethane
Concen: 12.165 ppbv
RT: 3.47 min Scan# 213
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 94 Resp: 657433

Ion	Ratio	Lower	Upper
94	100		
96	90.2	74.4	111.6



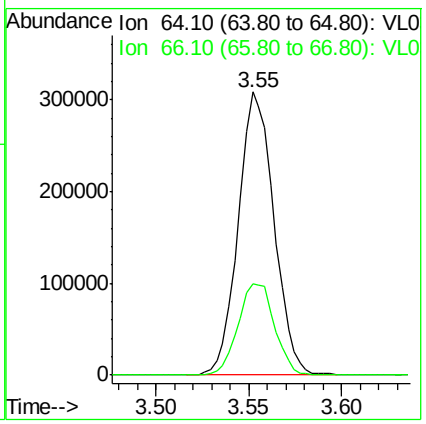


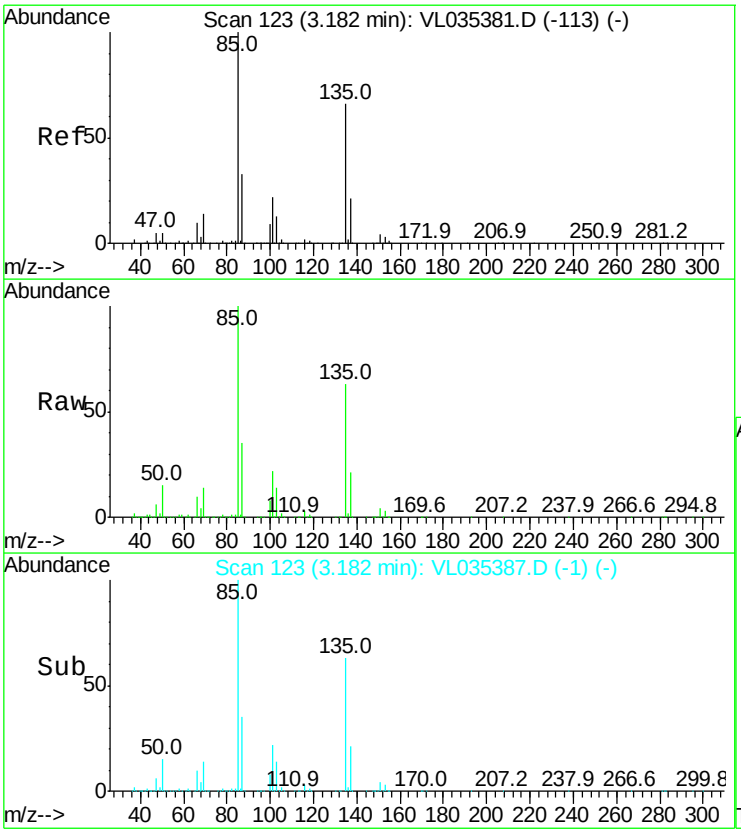
#7
Chloroethane
Concen: 12.590 ppbv
RT: 3.55 min Scan# 238
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 412485

Ion	Ratio	Lower	Upper
64	100		
66	32.5	25.7	38.5

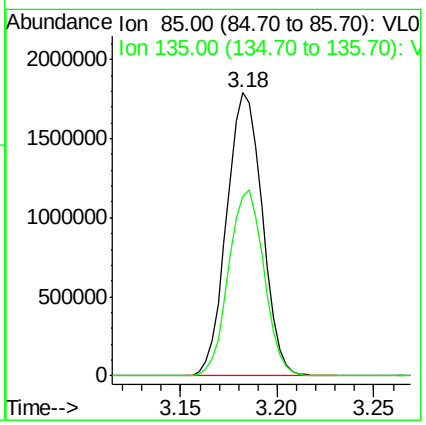


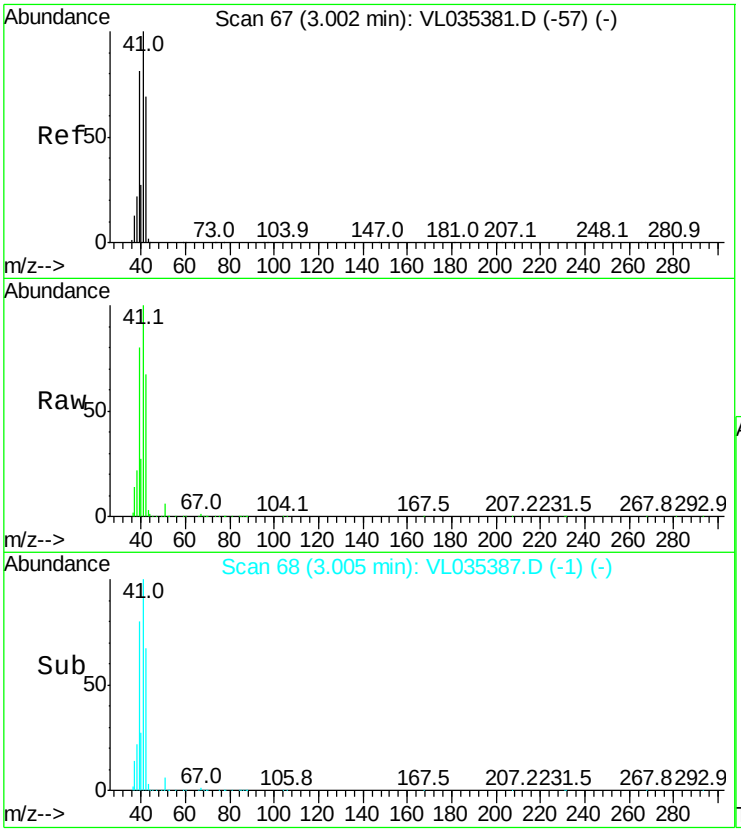


#8
Dichlorotetrafluoroethane
Concen: 10.950 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 85 Resp: 2284419

Ion	Ratio	Lower	Upper
85	100		
135	65.3	52.5	78.7

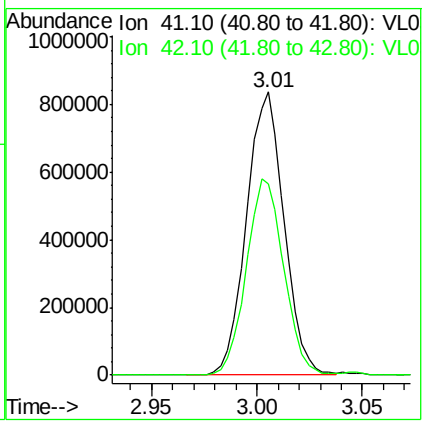




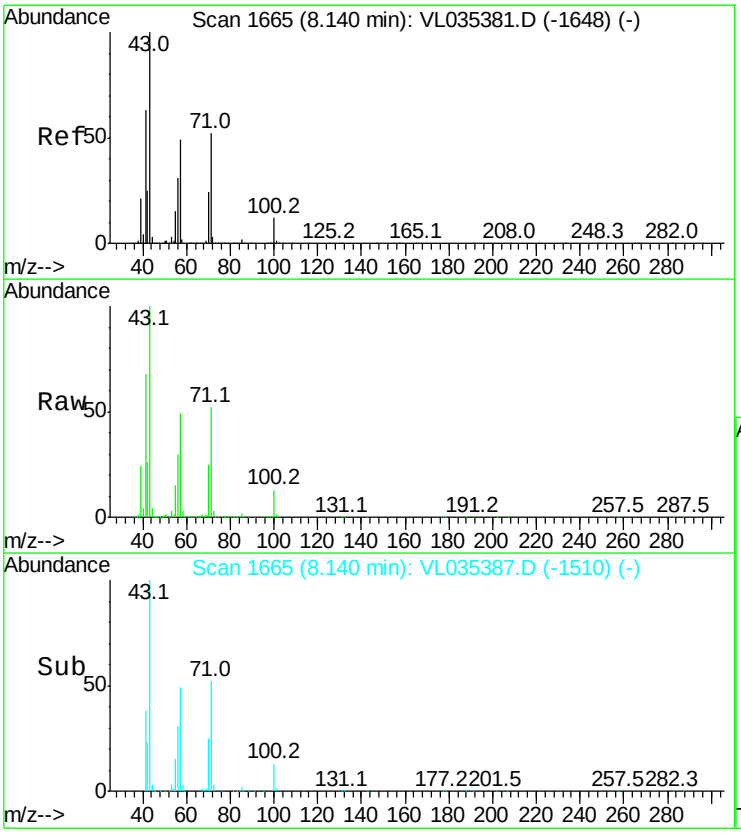
#9
Propene
Concen: 19.185 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 41 Resp: 1035572

Ion	Ratio	Lower	Upper
41	100		
42	69.7	55.4	83.2



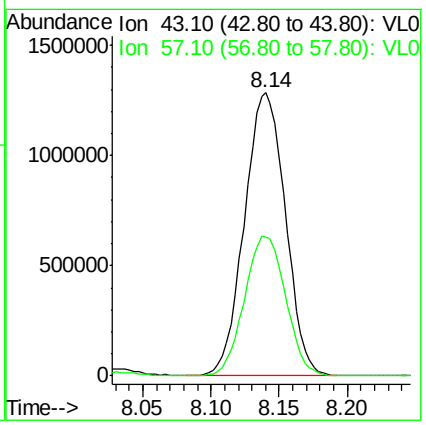
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

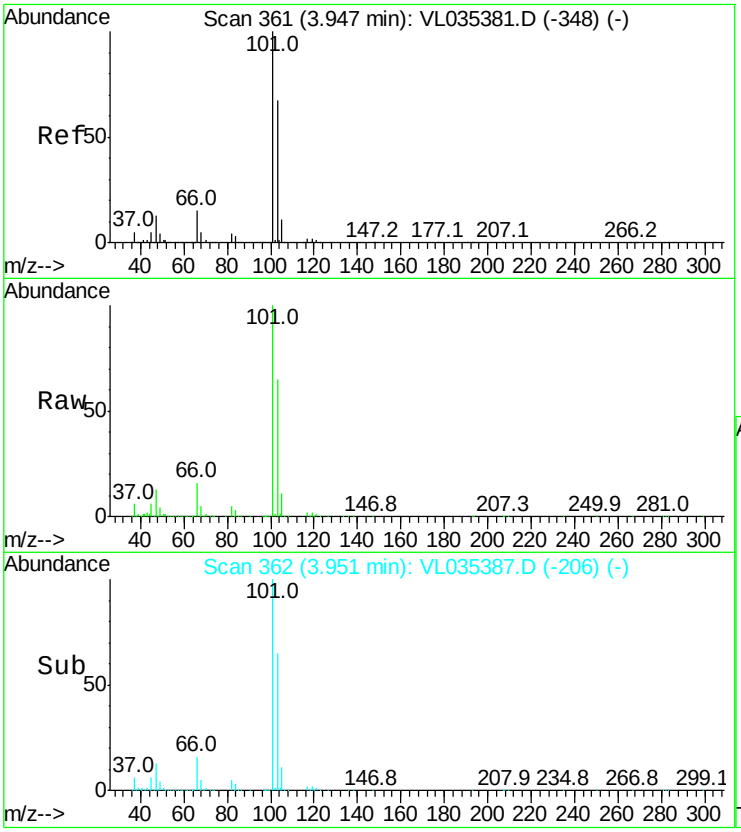


#10
Heptane
Concen: 19.321 ppbv
RT: 8.14 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 43 Resp: 2663871

Ion	Ratio	Lower	Upper
43	100		
57	50.0	39.4	59.2



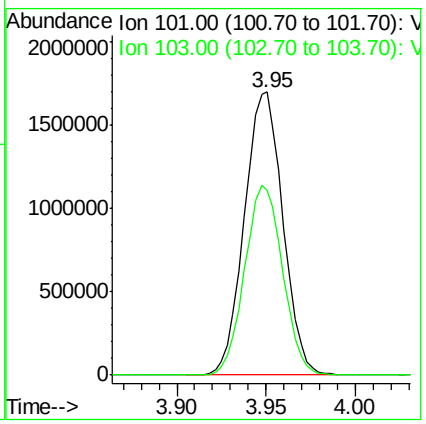


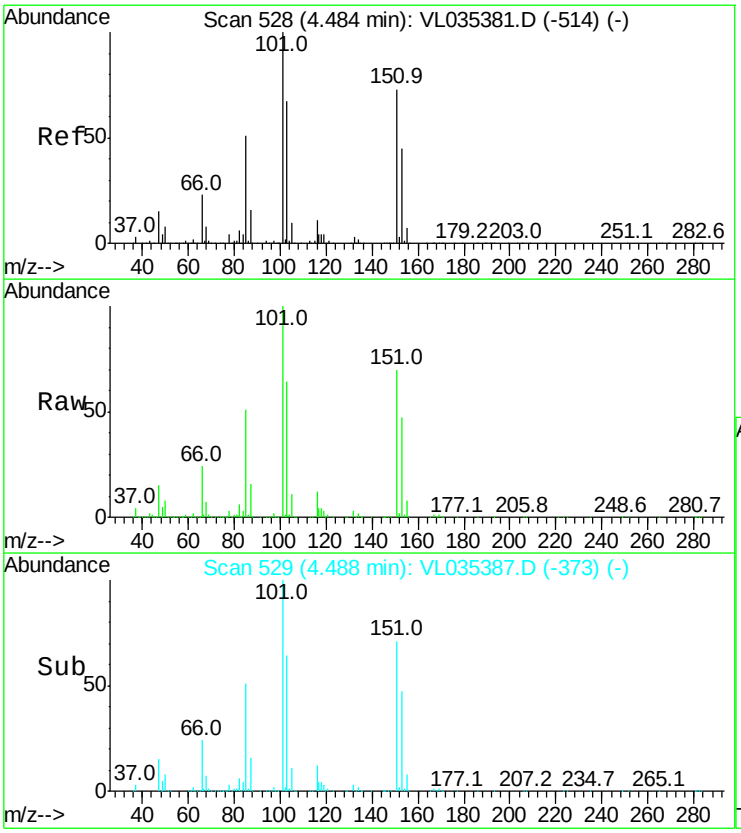
#11
Trichlorofluoromethane
Concen: 11.239 ppbv
RT: 3.95 min Scan# 362
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2570157

Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.3	79.9

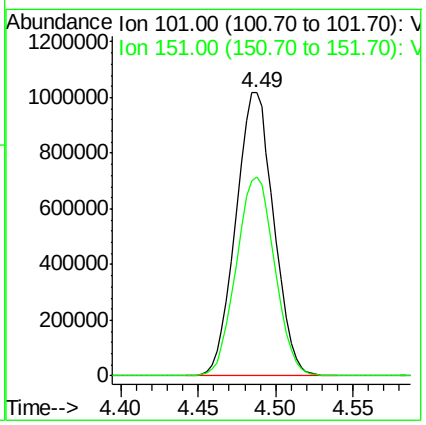


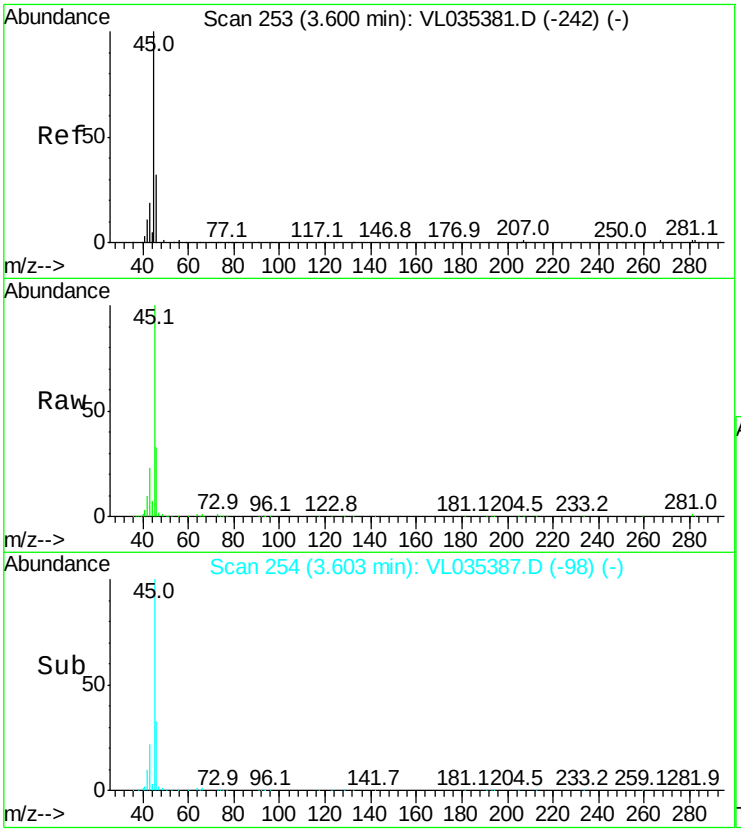


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.644 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion:101 Resp: 1739700

Ion	Ratio	Lower	Upper
101	100		
151	71.2	57.0	85.6



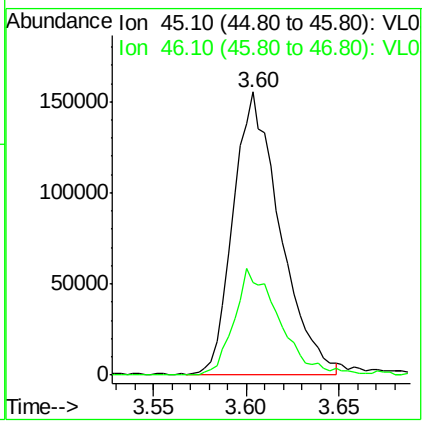


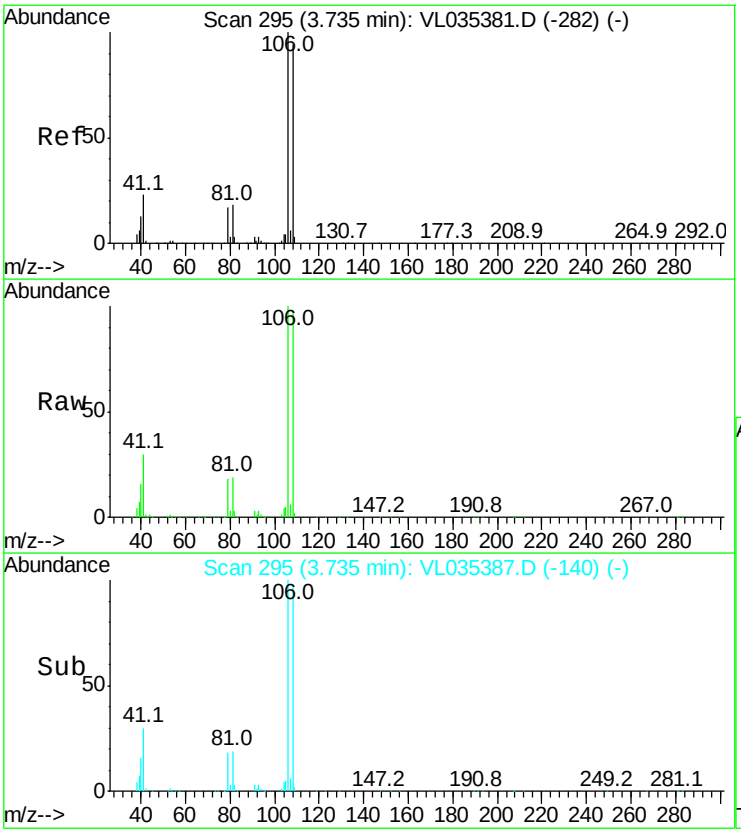
#13
Ethanol
Concen: 14.654 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 272802

Ion	Ratio	Lower	Upper
45	100		
46	37.3	14.1	56.3

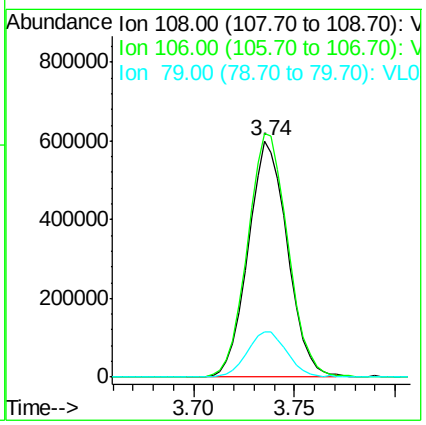


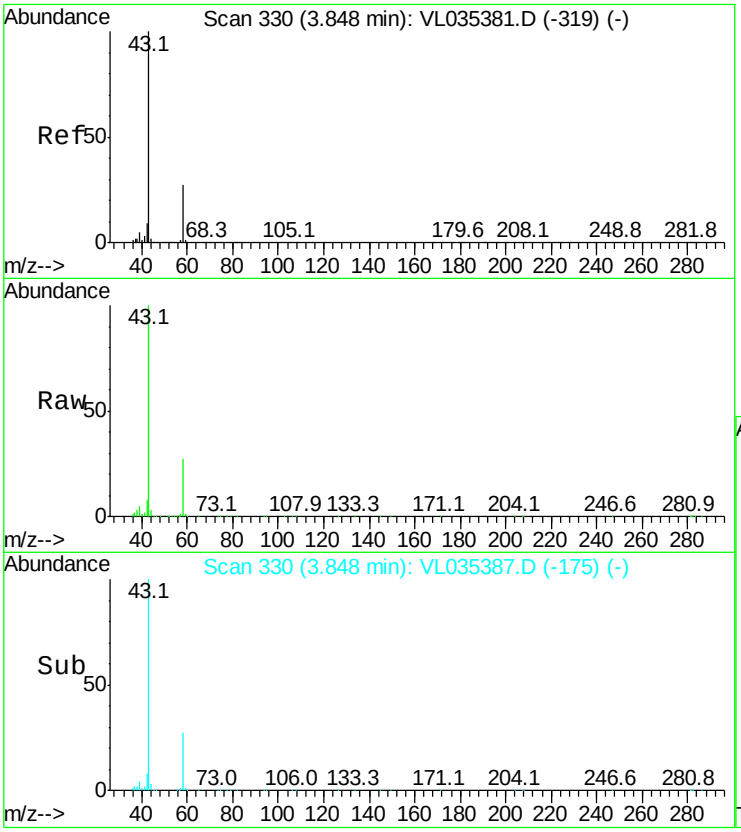


#14
Bromoethene
Concen: 12.464 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion:108 Resp: 816908

Ion	Ratio	Lower	Upper
108	100		
106	106.6	84.9	127.3
79	19.9	15.8	23.8



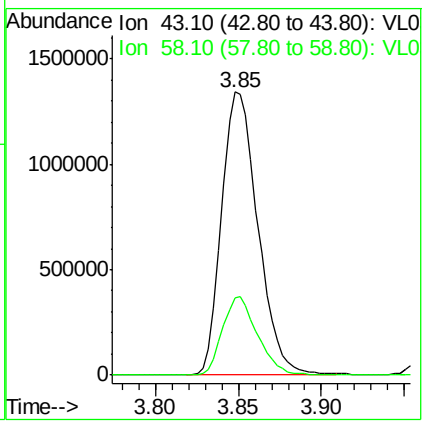


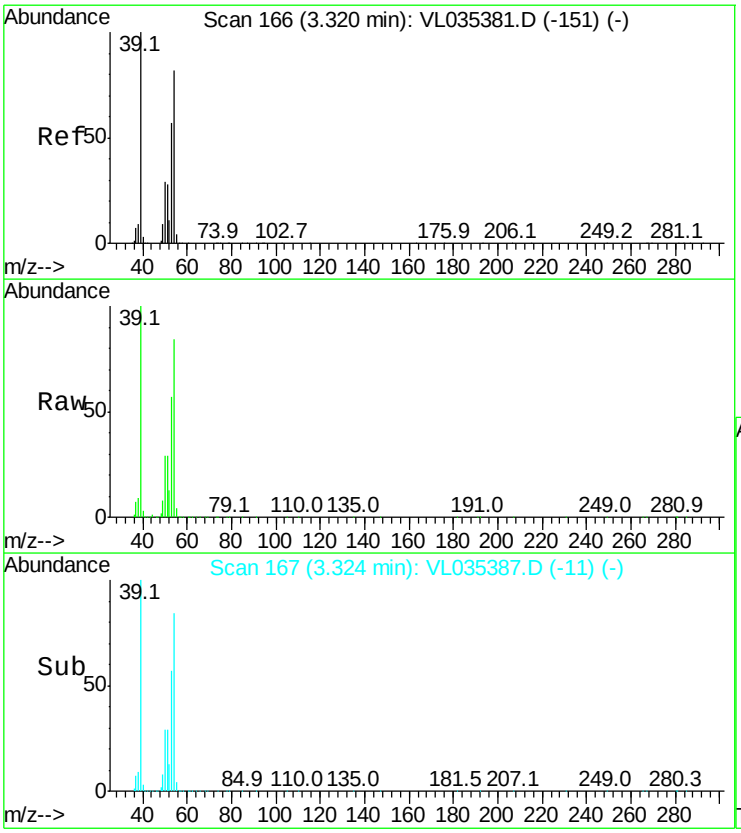
#15
Acetone
Concen: 10.825 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2039852

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.7	32.5

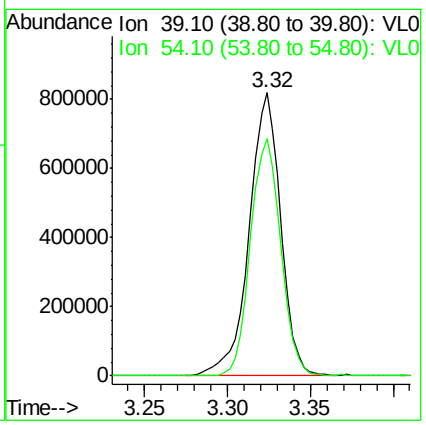


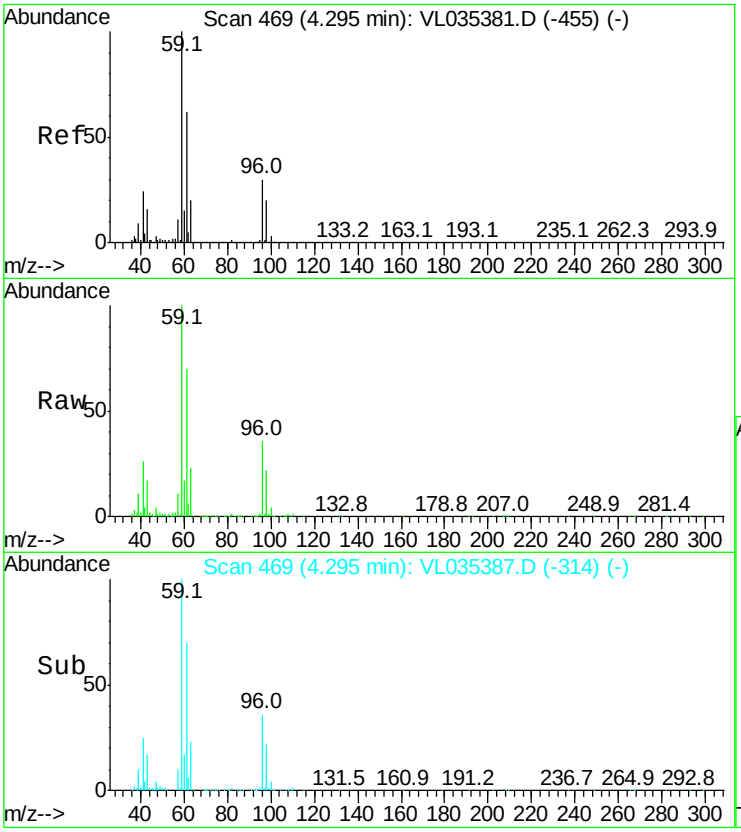


#16
1,3-Butadiene
Concen: 14.955 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 39 Resp: 1084724

Ion	Ratio	Lower	Upper
39	100		
54	81.0	64.9	97.3



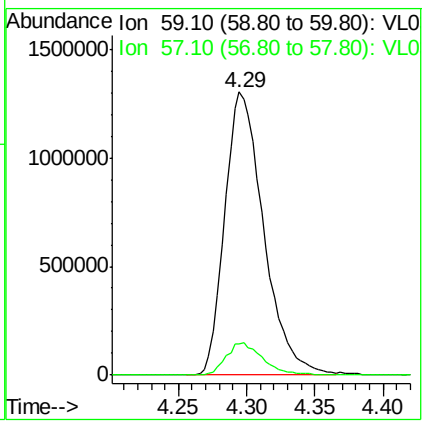


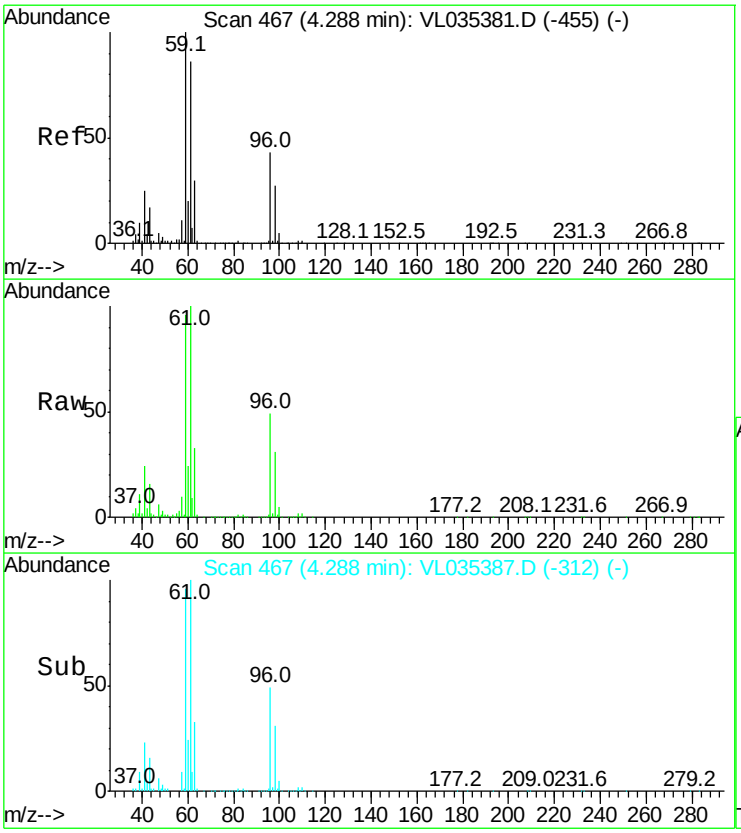
#17
tert-Butyl alcohol
Concen: 14.911 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 2578907

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	13.0

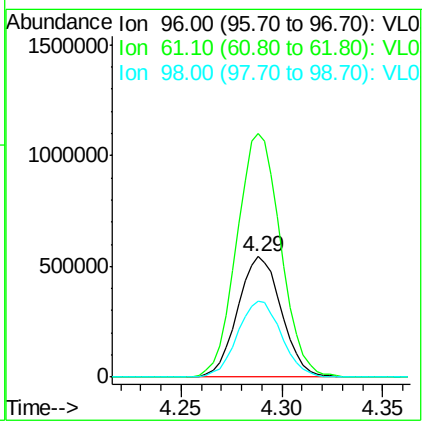


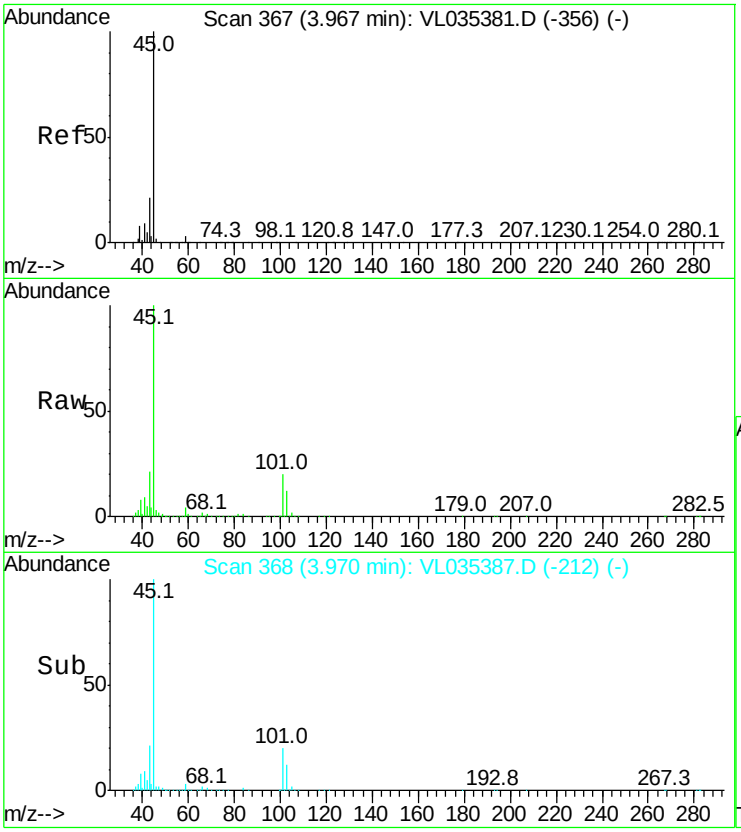


#18
1,1-Dichloroethene
Concen: 11.736 ppbv
RT: 4.29 min Scan# 467
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 96 Resp: 823715

Ion	Ratio	Lower	Upper
96	100		
61	201.9	159.0	238.4
98	63.2	50.3	75.5



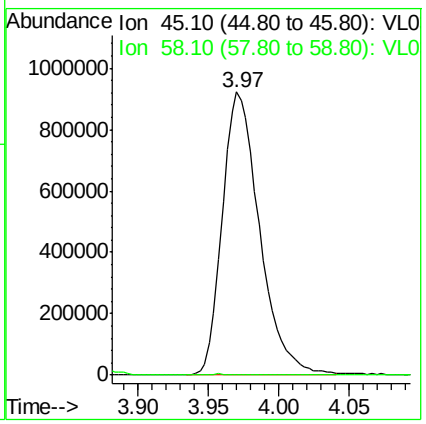


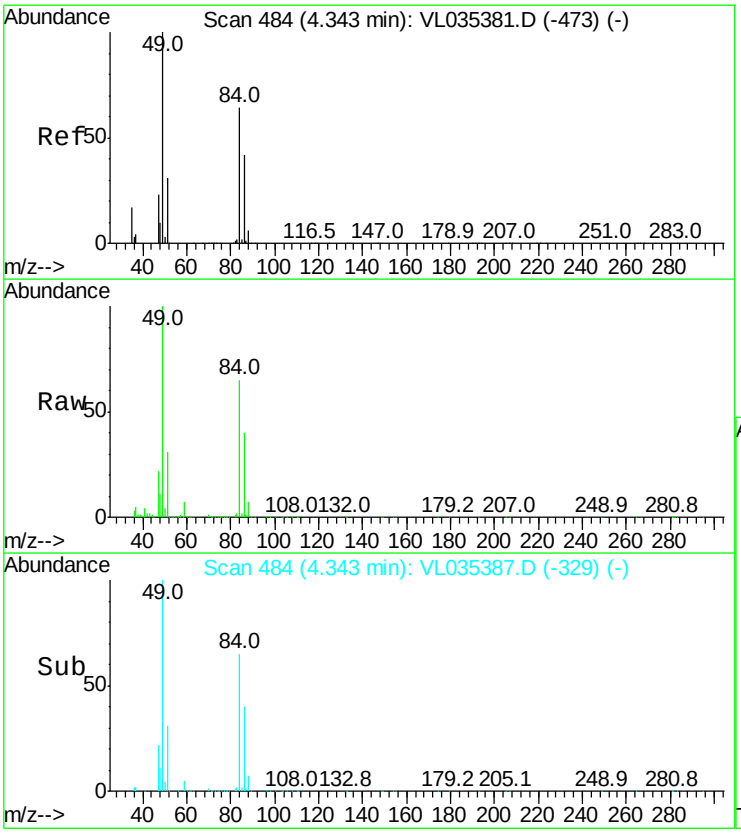
#19
Isopropyl Alcohol
Concen: 14.260 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 45 Resp: 1703349

Ion	Ratio	Lower	Upper
45	100		
58	32.3	24.9	37.3

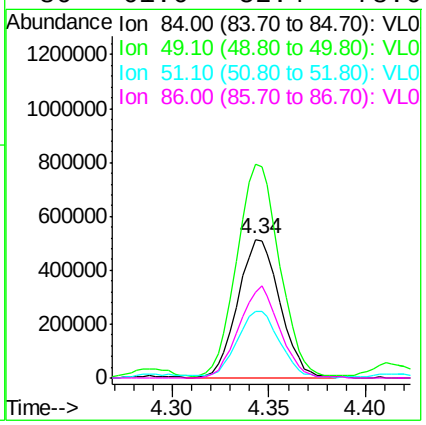


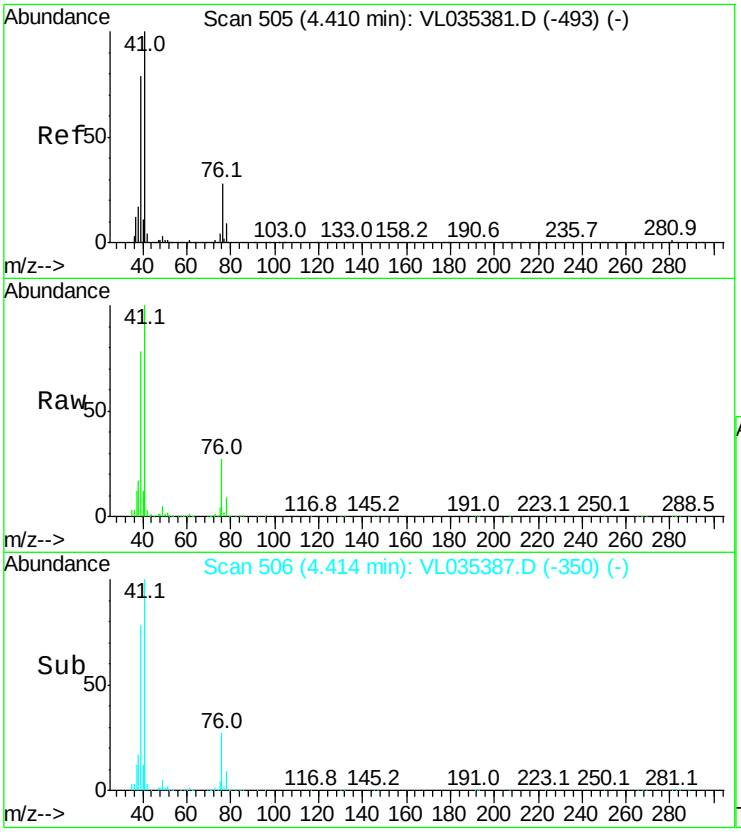


#20
Methylene Chloride
Concen: 10.102 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 84 Resp: 776295

Ion	Ratio	Lower	Upper
84	100		
49	153.4	125.7	188.5
51	48.1	38.5	57.7
86	61.6	52.4	78.6



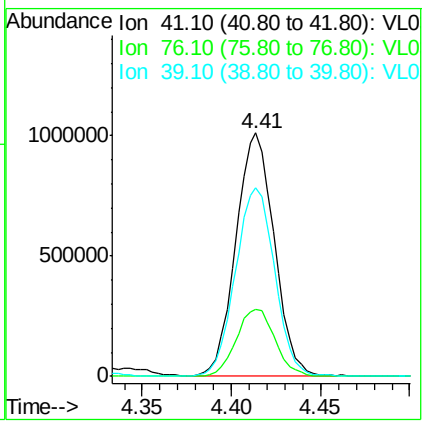


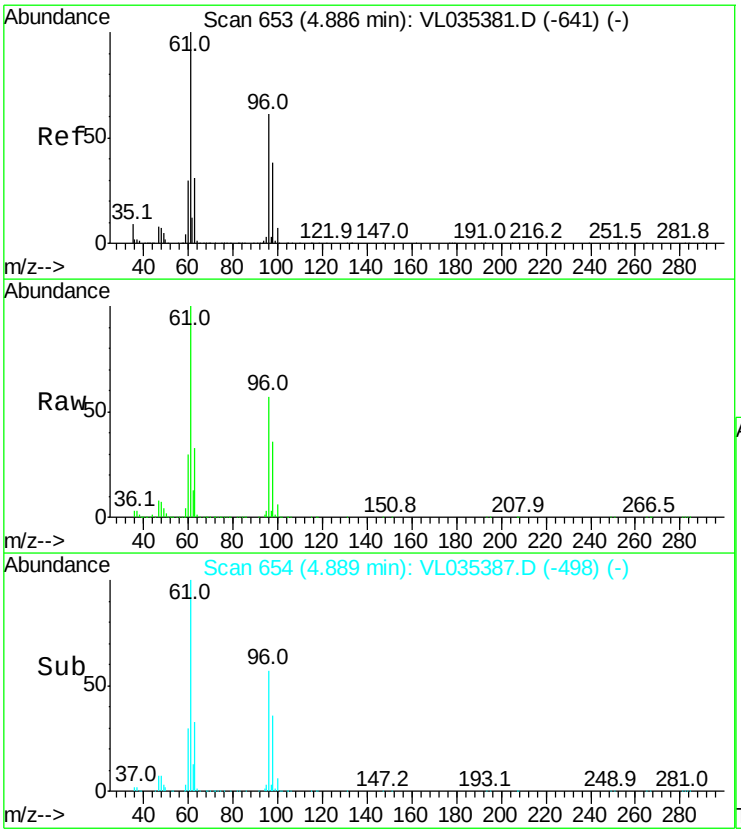
#21
Allyl Chloride
Concen: 13.938 ppbv
RT: 4.41 min Scan# 506
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 41 Resp: 1504854

Ion	Ratio	Lower	Upper
41	100		
76	28.2	22.4	33.6
39	79.5	63.0	94.4

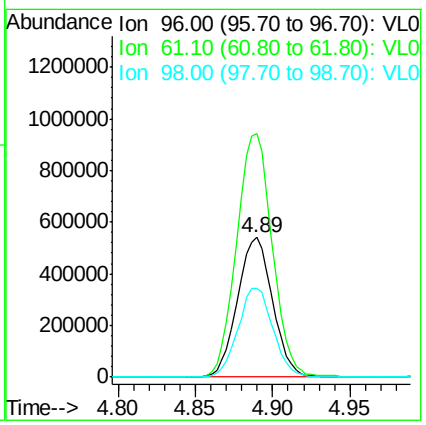


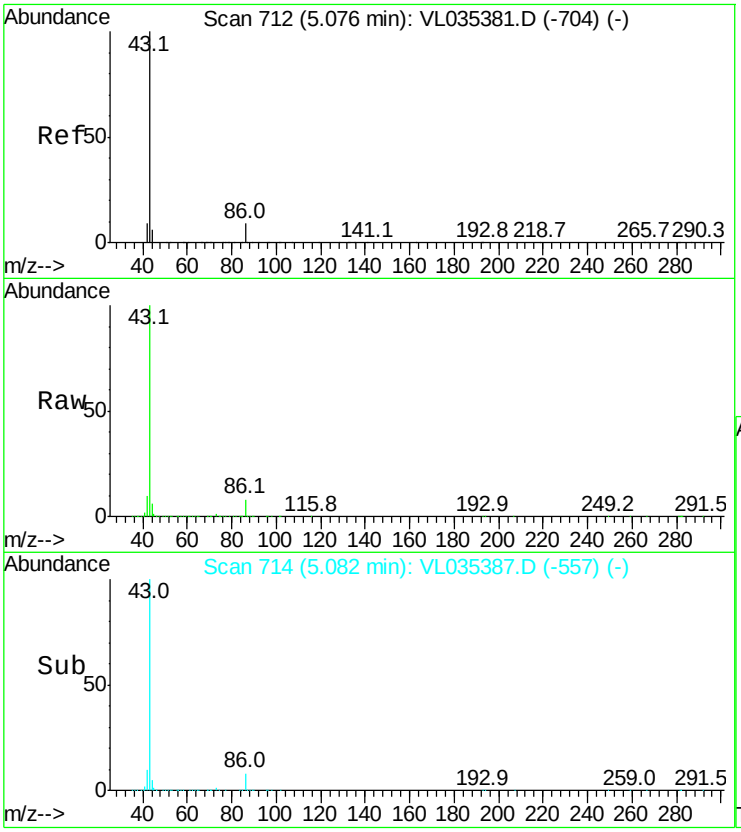


#22
trans-1,2-Dichloroethene
Concen: 12.573 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 96 Resp: 855644

Ion	Ratio	Lower	Upper
96	100		
61	174.1	131.8	197.6
98	63.0	49.6	74.4



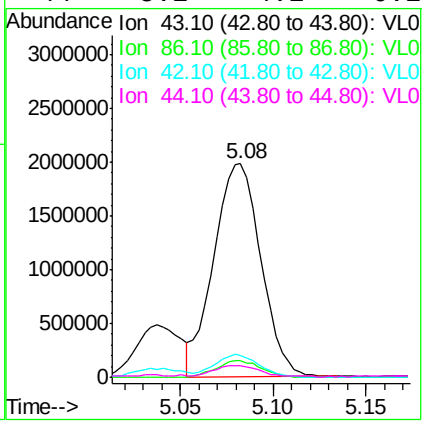


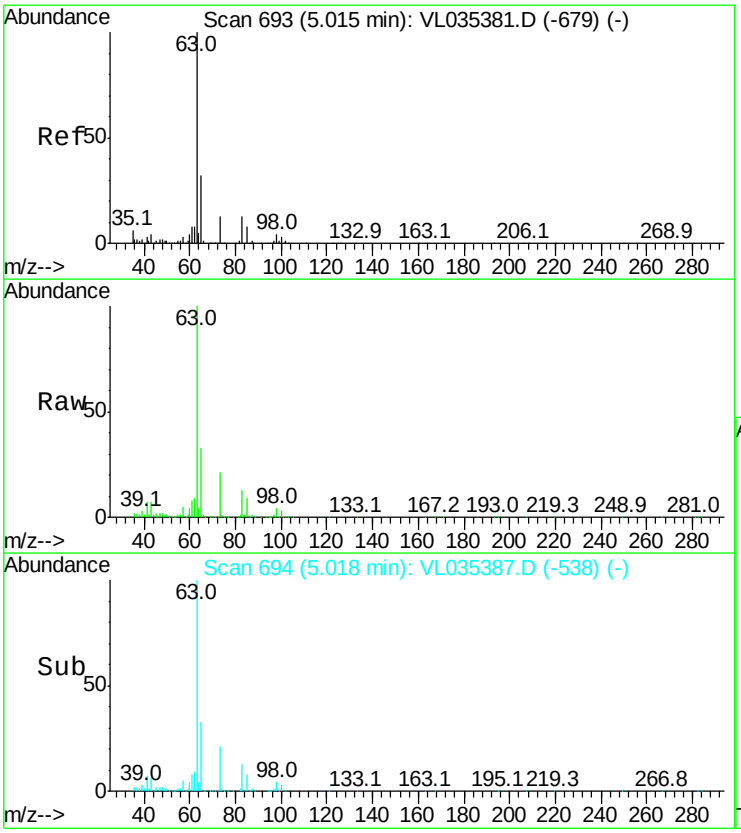
#23
Vinyl Acetate
Concen: 19.313 ppbv
RT: 5.08 min Scan# 714
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 3489641

Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.8	8.8
42	10.2	8.0	12.0
44	5.2	4.2	6.2

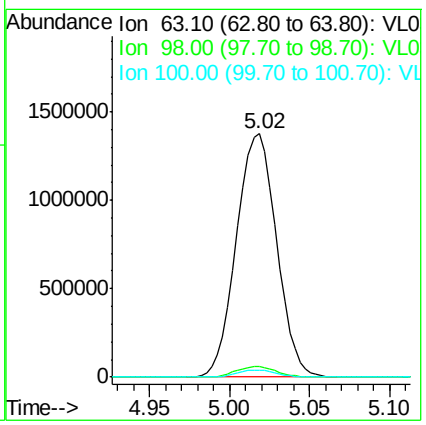


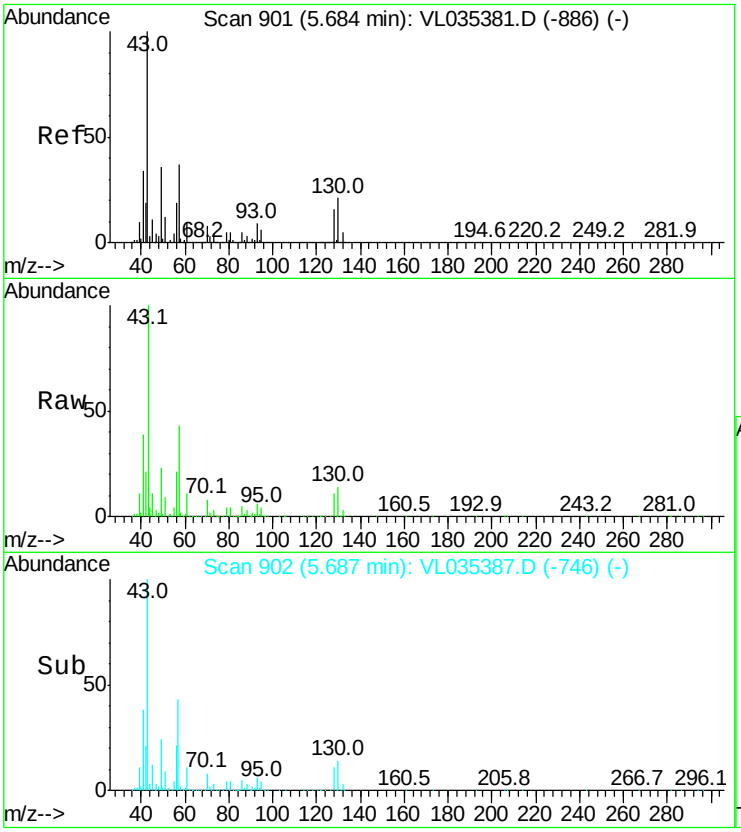


#24
1,1-Dichloroethane
Concen: 13.886 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 63 Resp: 2357962

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.2	6.6
100	2.9	1.4	4.0



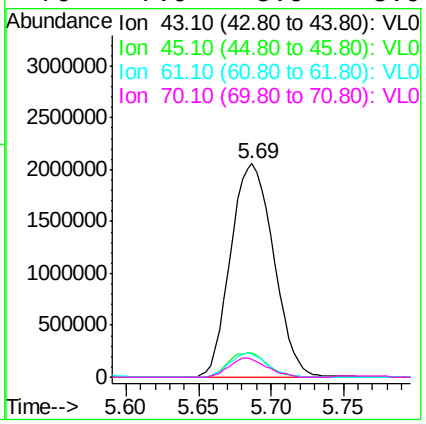


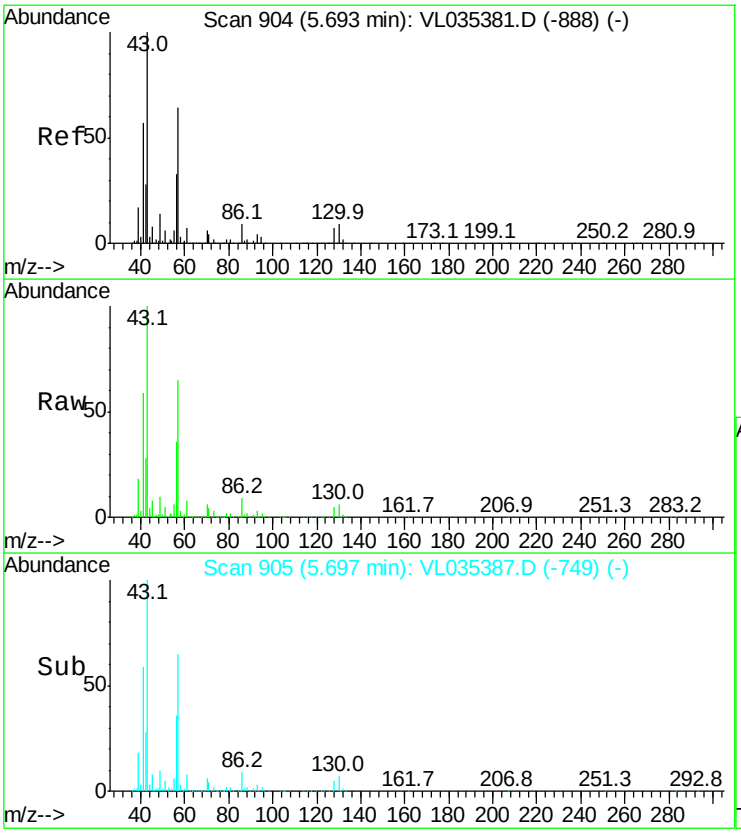
#25
Ethyl Acetate
Concen: 14.843 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 4249795

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.0	12.0
61	9.8	7.4	11.2
70	7.9	5.9	8.9

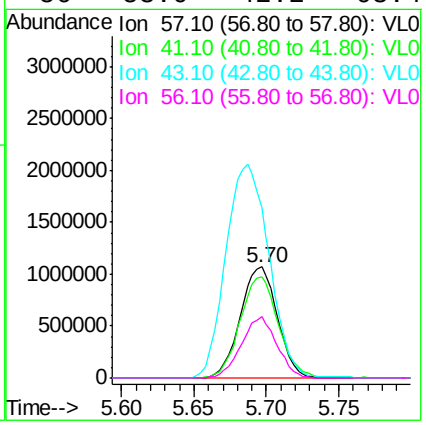


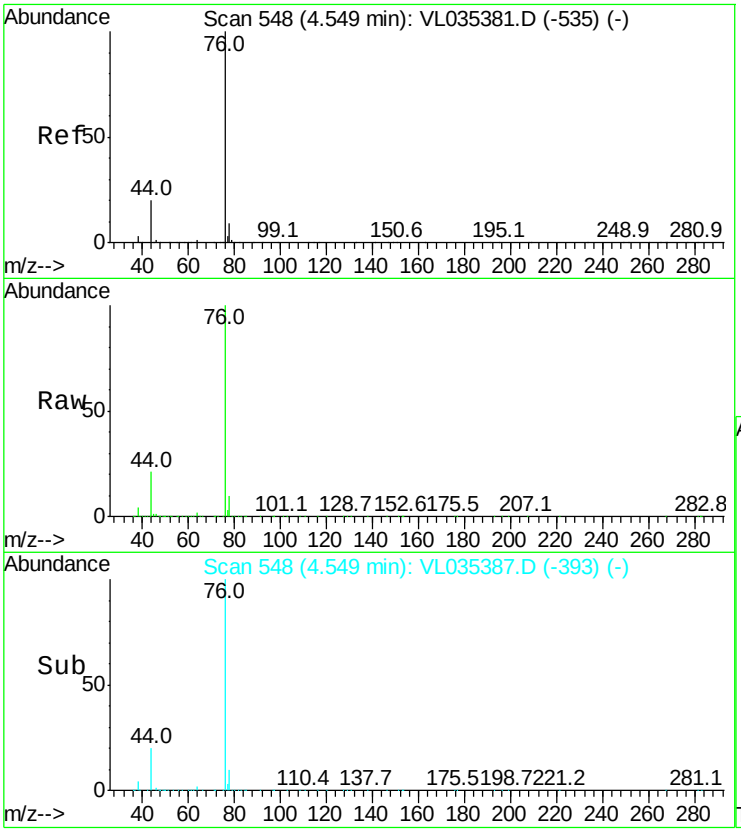


#26
Hexane
Concen: 15.300 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 57 Resp: 1900259

Ion	Ratio	Lower	Upper
57	100		
41	95.2	75.4	113.2
43	225.0	184.1	276.1
56	53.0	42.2	63.4



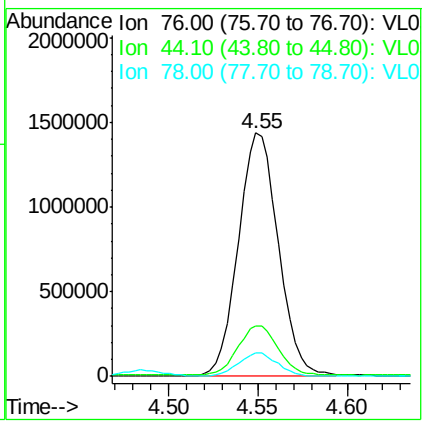


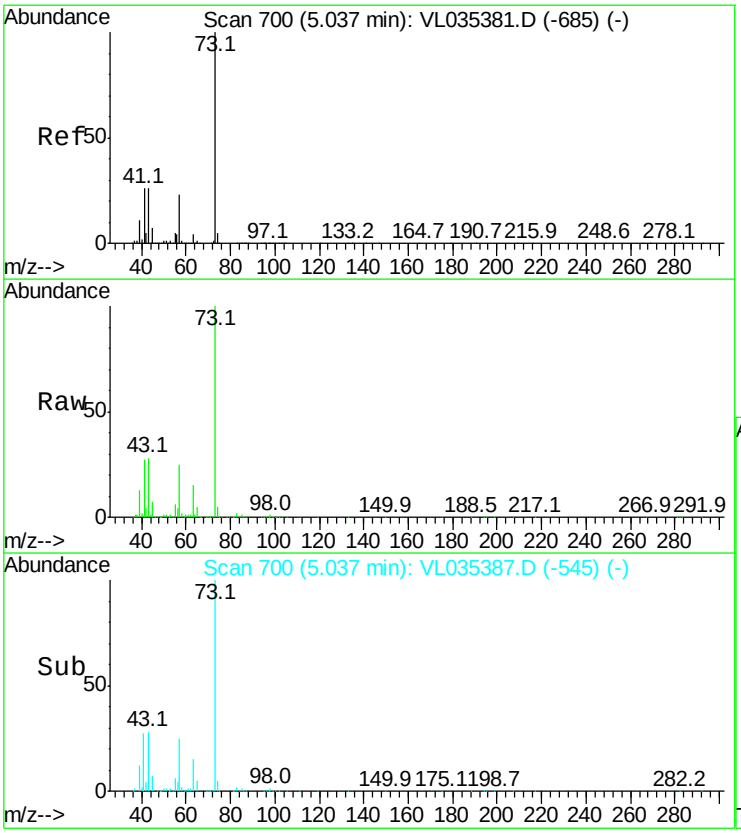
#27
Carbon Disulfide
Concen: 13.008 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 2259077

Ion	Ratio	Lower	Upper
76	100		
44	20.8	17.0	25.4
78	9.4	7.5	11.3

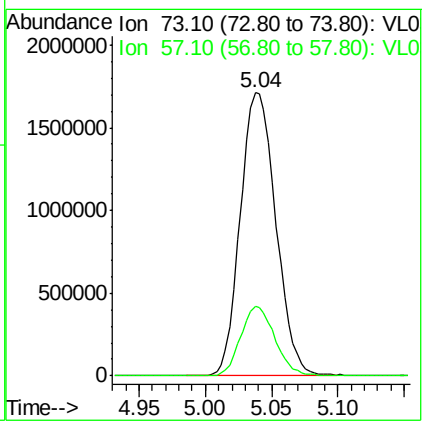


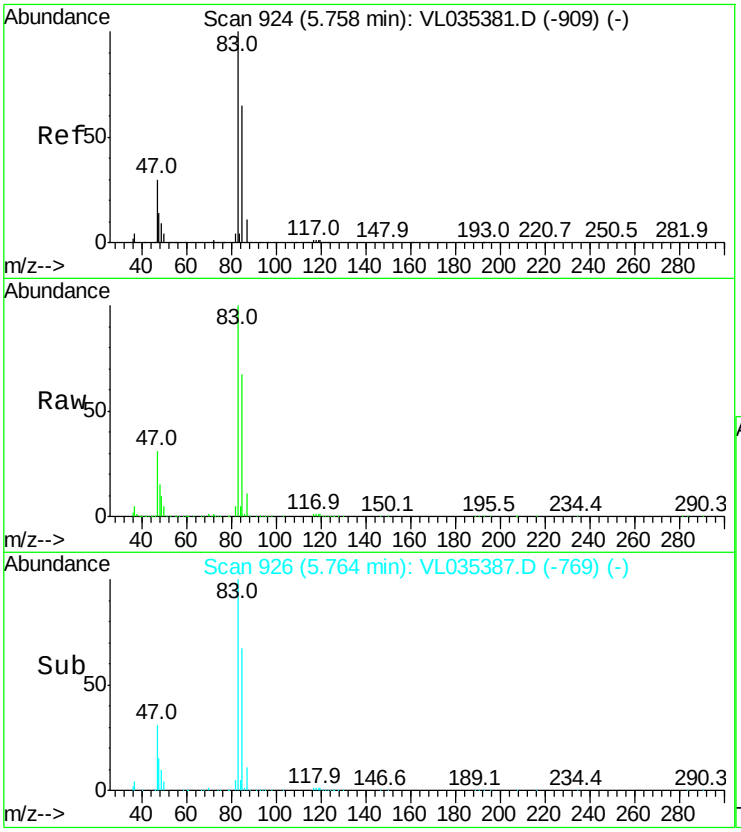


#28
Methyl tert-Butyl Ether
Concen: 17.656 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 73 Resp: 3188490

Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.0	28.4



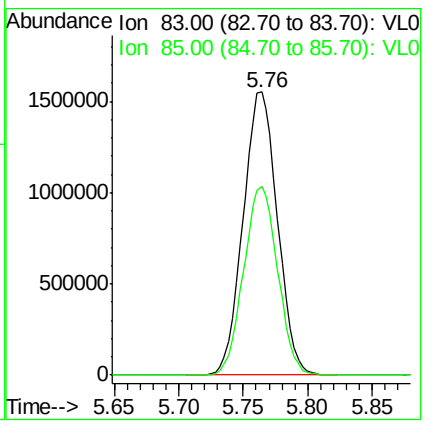


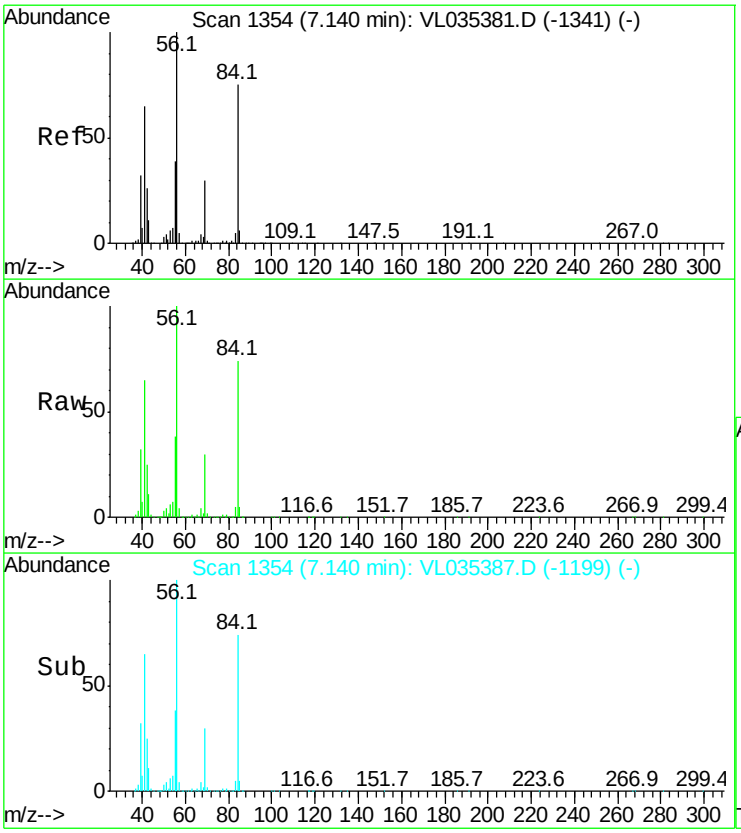
#29
Chloroform
Concen: 13.436 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2876802

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.7	77.5

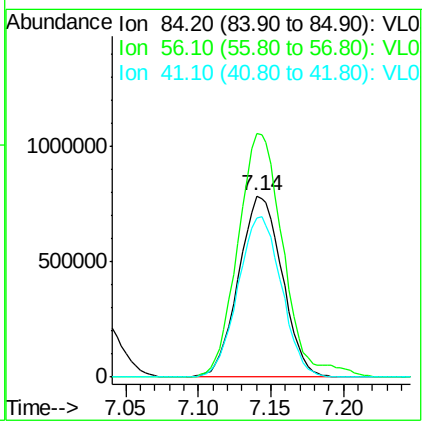


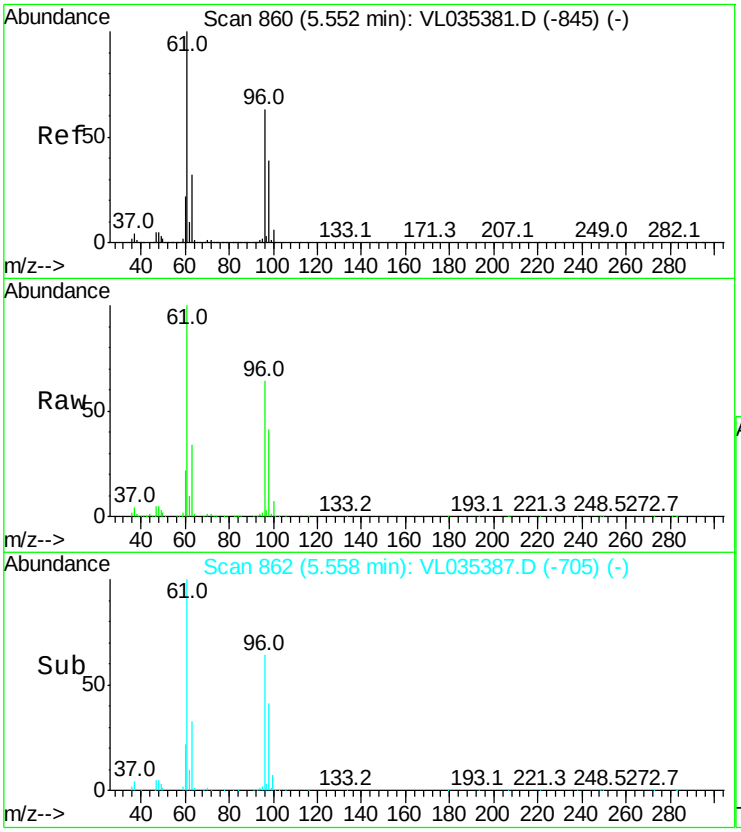


#30
Cyclohexane
Concen: 17.446 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 84 Resp: 1643028

Ion	Ratio	Lower	Upper
84	100		
56	140.5	115.8	173.6
41	88.5	71.4	107.0



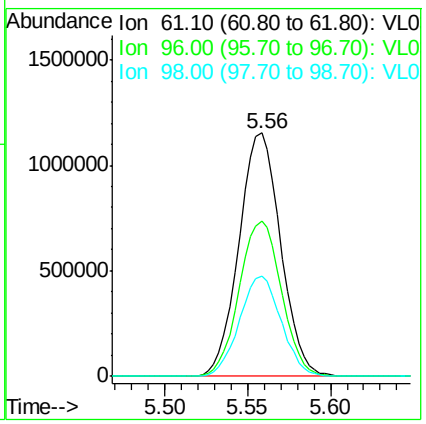


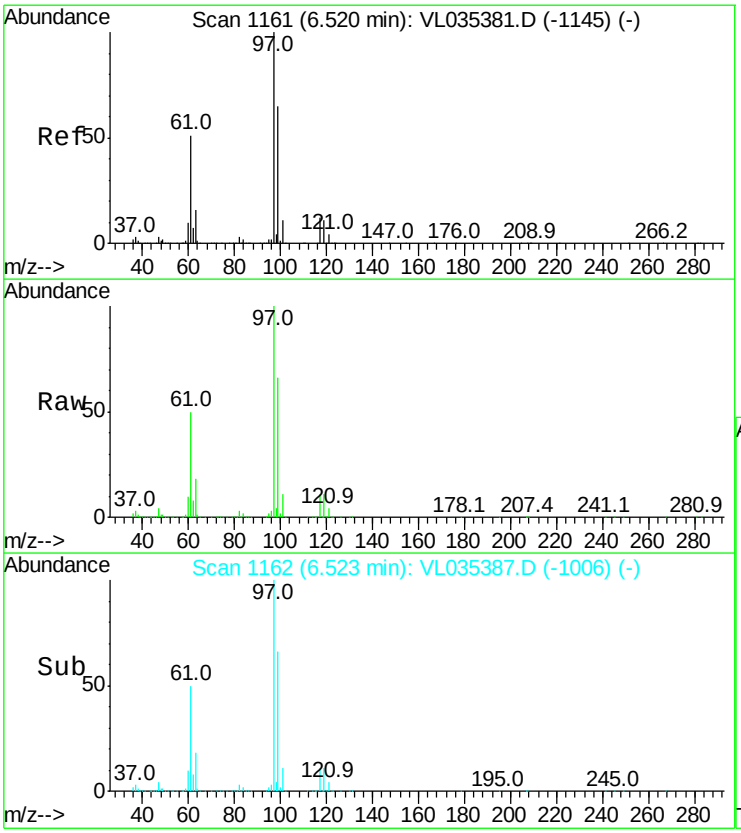
#31
cis-1,2-Dichloroethene
Concen: 18.277 ppbv
RT: 5.56 min Scan# 862
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 2017993

Ion	Ratio	Lower	Upper
61	100		
96	63.9	50.5	75.7
98	41.2	31.5	47.3

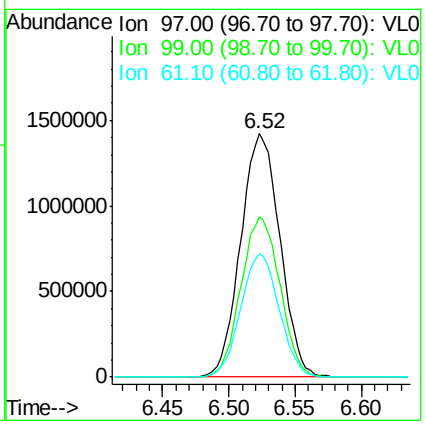


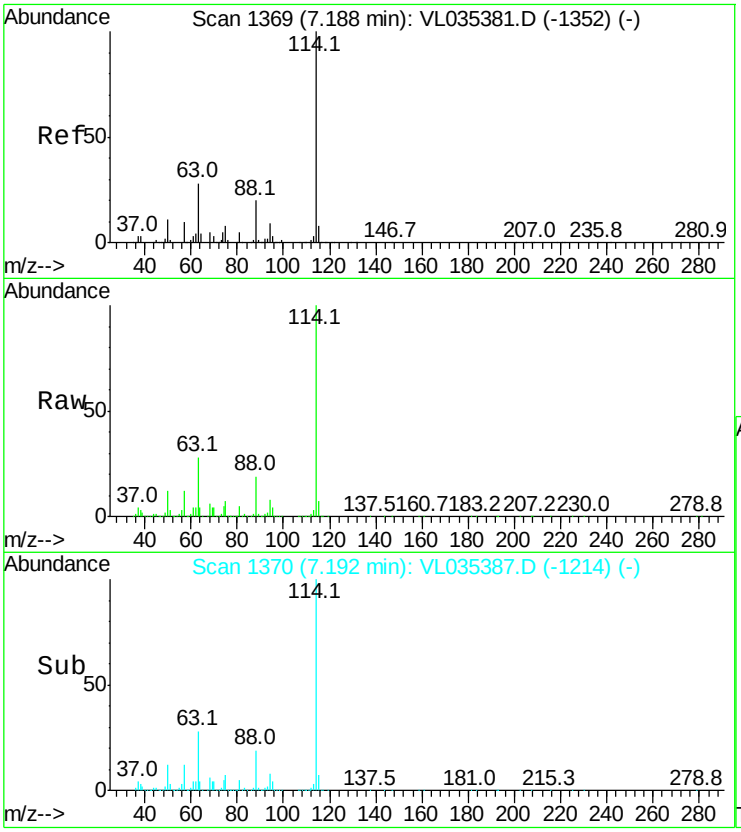


#32
1,1,1-Trichloroethane
Concen: 13.032 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 97 Resp: 2932755

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.8
61	49.5	39.6	59.4



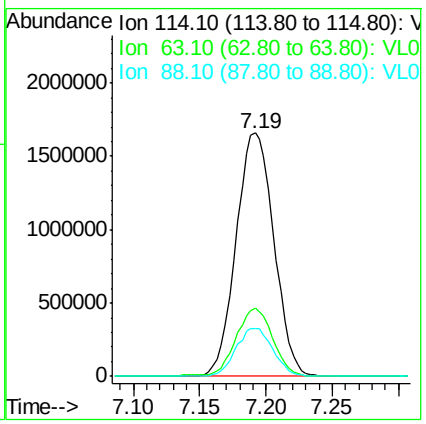


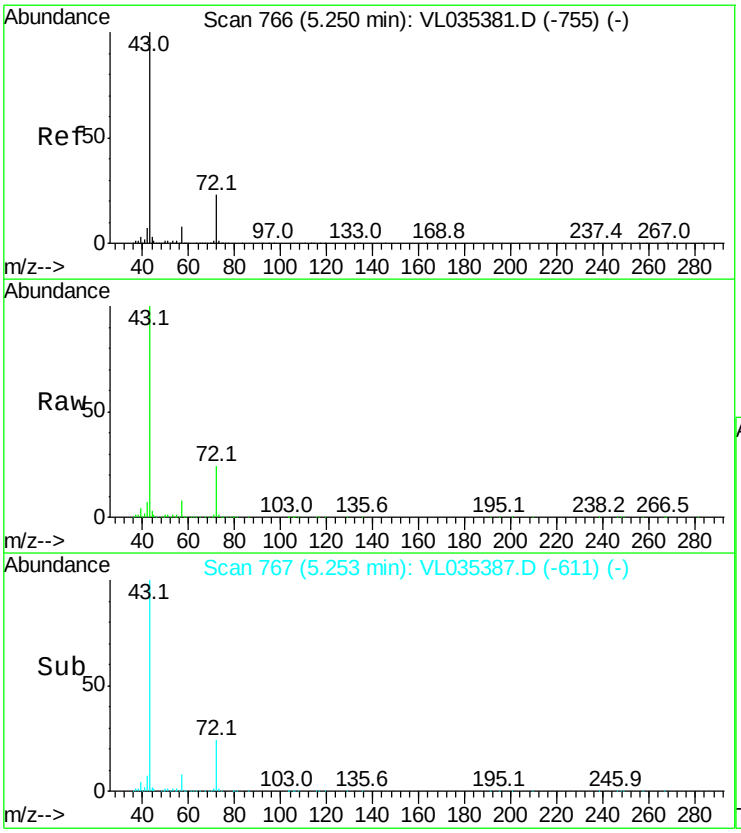
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 3285999

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.5	32.3
88	19.5	15.6	23.4

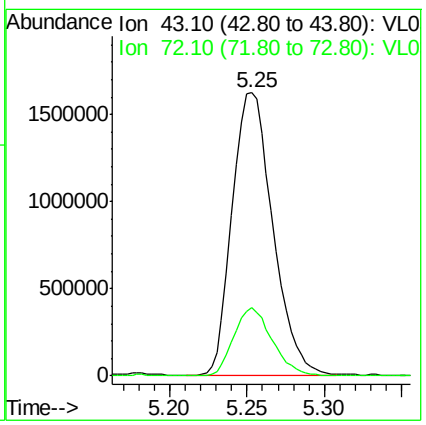


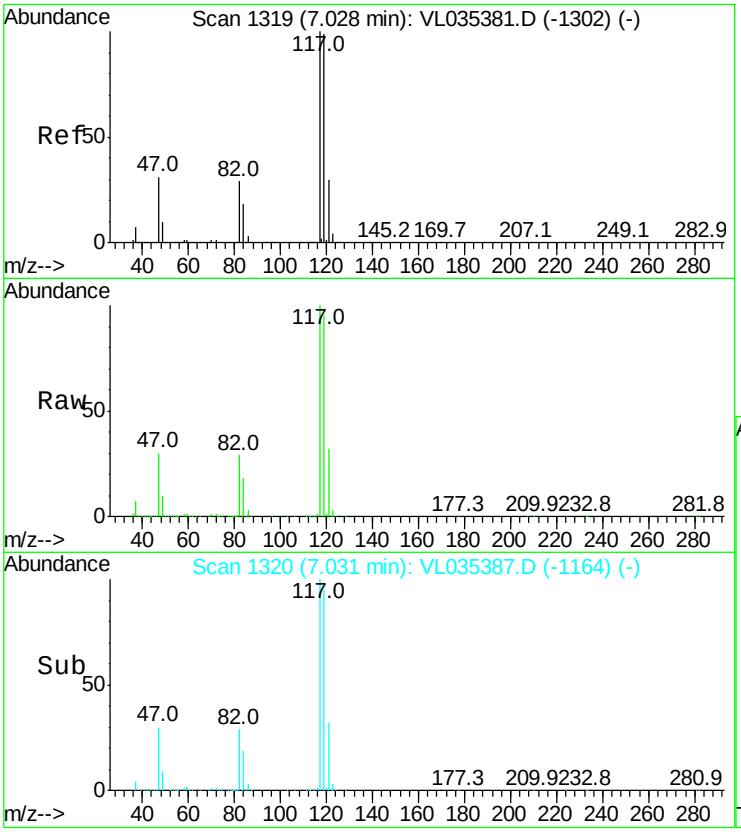


#34
2-Butanone
Concen: 18.332 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 43 Resp: 2966110

Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.7	26.5



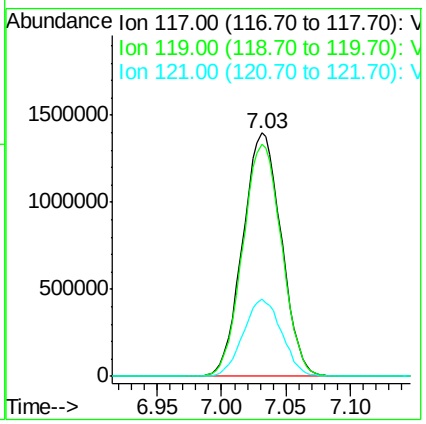


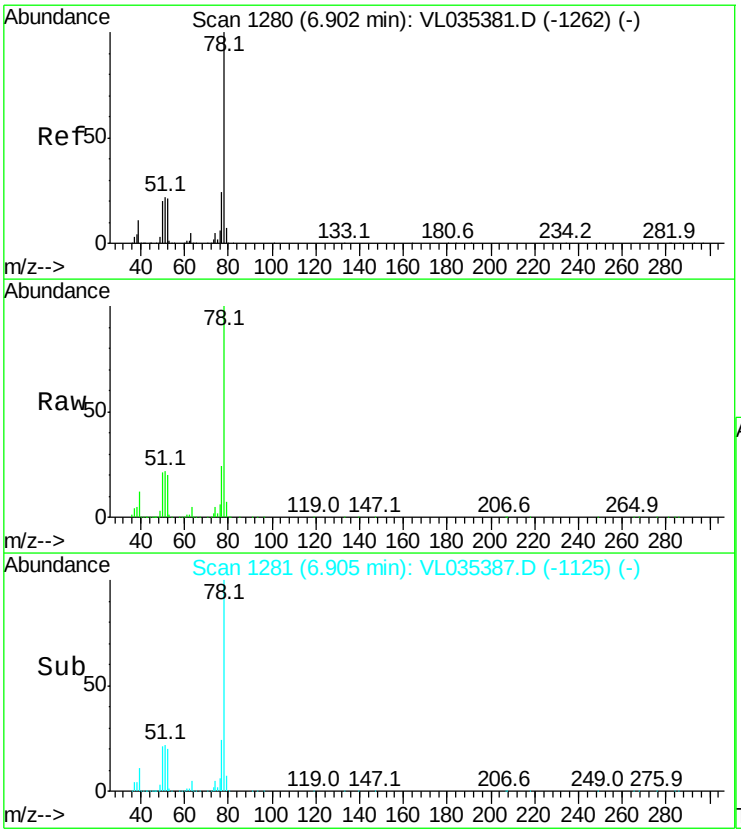
#35
Carbon Tetrachloride
Concen: 12.919 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2921370

Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.4	119.0
121	31.8	24.3	36.5

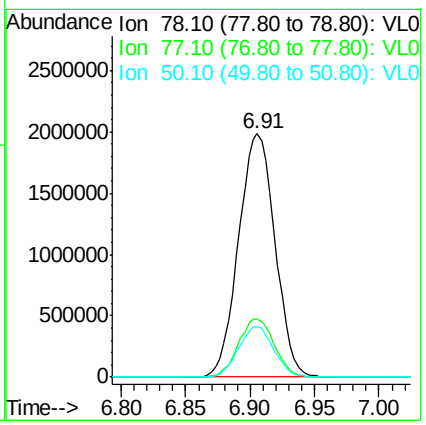


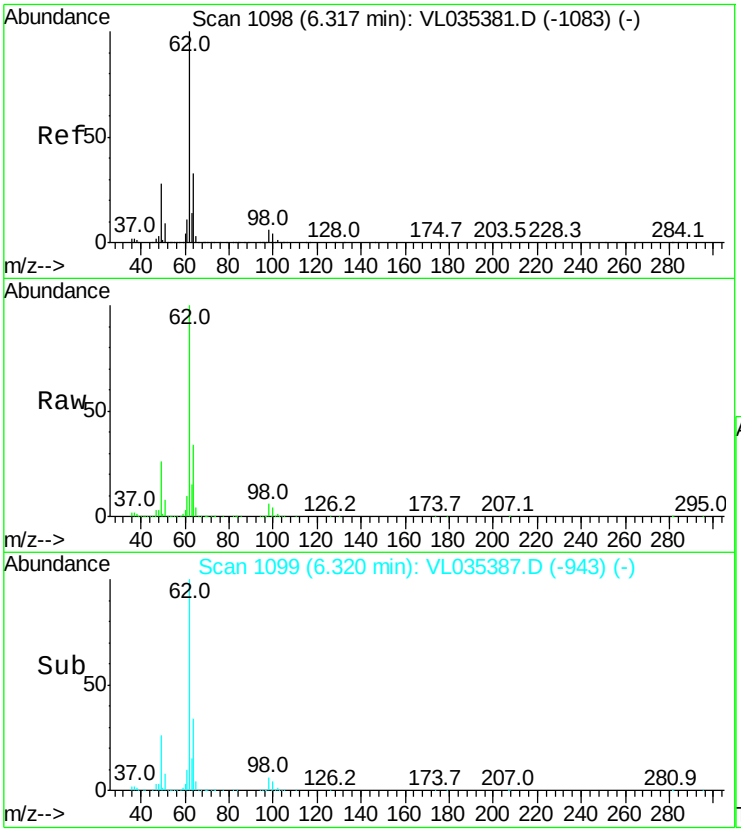


#36
Benzene
Concen: 17.610 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 78 Resp: 3907489

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7
50	20.8	15.8	23.6



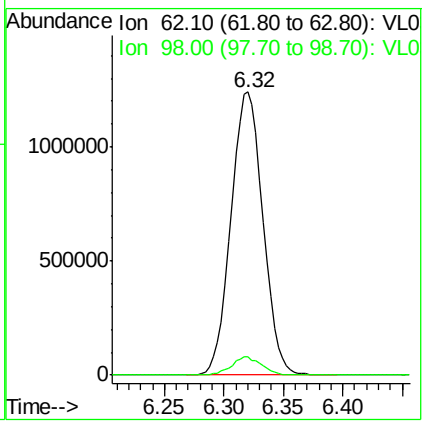


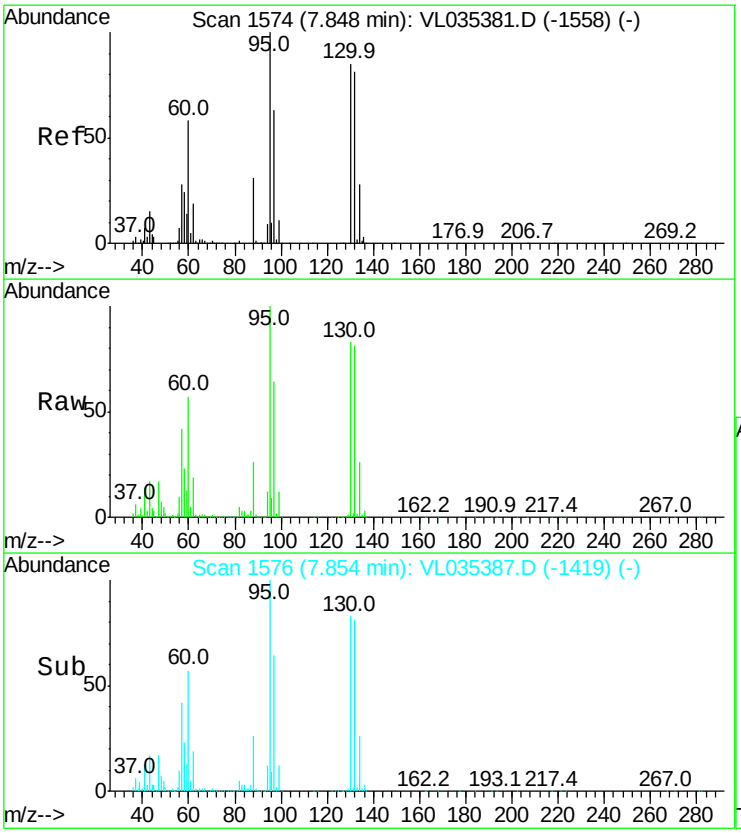
#37
1,2-Dichloroethane
Concen: 14.893 ppbv
RT: 6.32 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 2308574

Ion	Ratio	Lower	Upper
62	100		
98	6.2	5.1	7.7

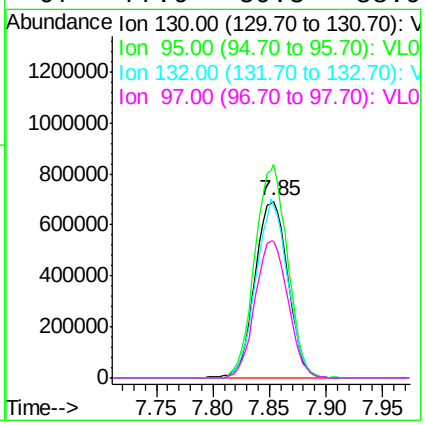


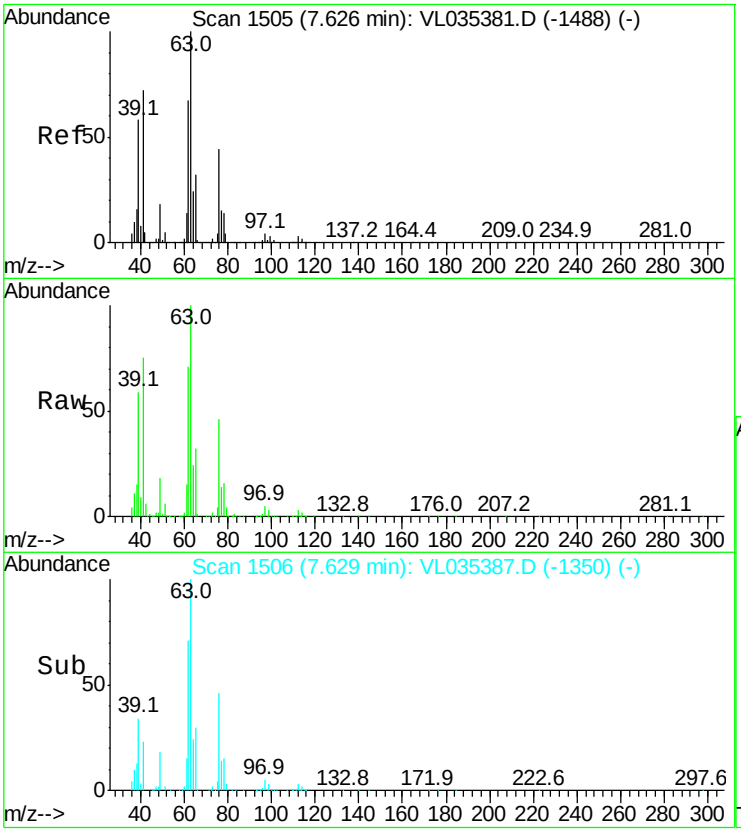


#38
Trichloroethene
Concen: 13.727 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion:130 Resp: 1405068

Ion	Ratio	Lower	Upper
130	100		
95	120.5	94.2	141.4
132	97.8	76.6	114.8
97	77.6	59.3	88.9



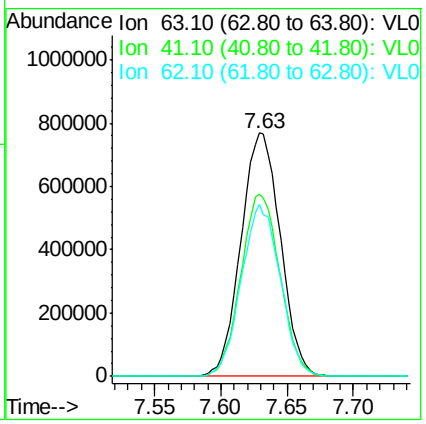


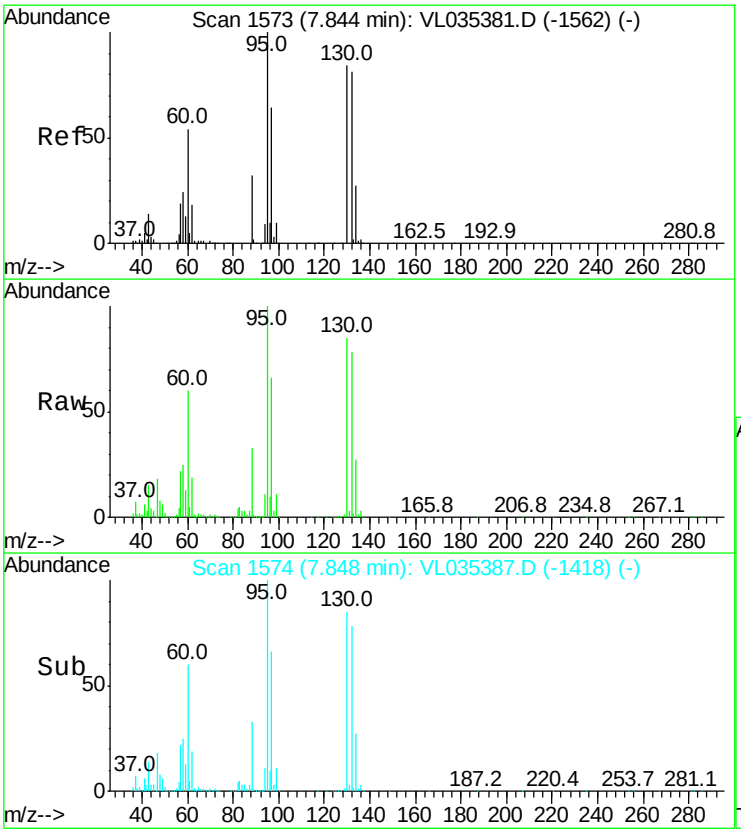
#39
1,2-Dichloropropane
Concen: 17.734 ppbv
RT: 7.63 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 63 Resp: 1593036

Ion	Ratio	Lower	Upper
63	100		
41	74.6	57.4	86.2
62	70.5	53.6	80.4

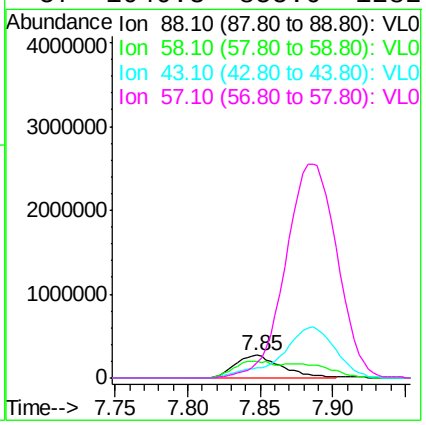


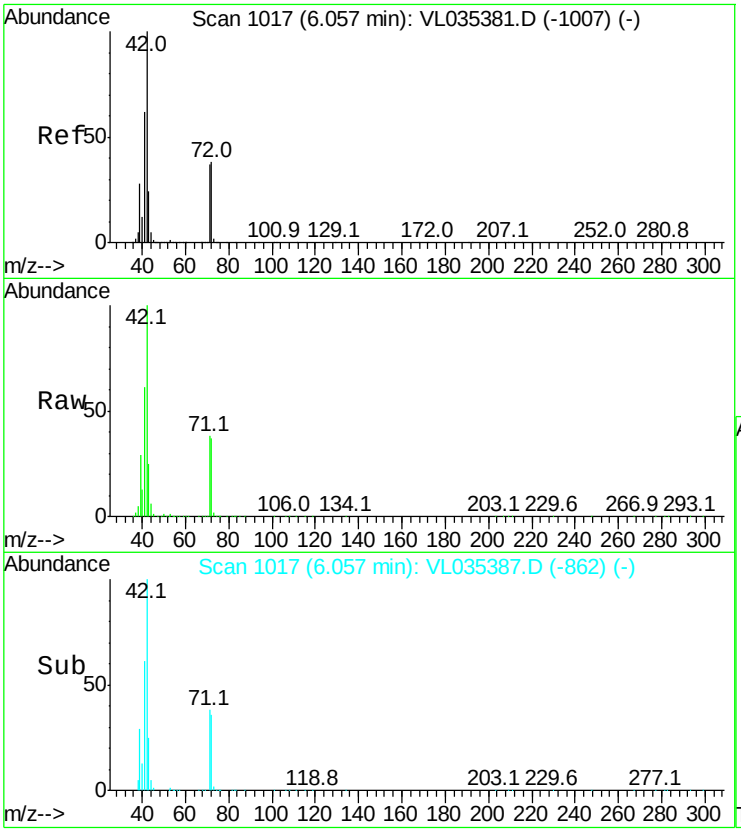


#40
1,4-Dioxane
Concen: 15.832 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 88 Resp: 609048

Ion	Ratio	Lower	Upper
88	100		
58	129.9	105.0	157.6
43	259.0	204.2	306.2
57	1040.3	855.0	1282.4



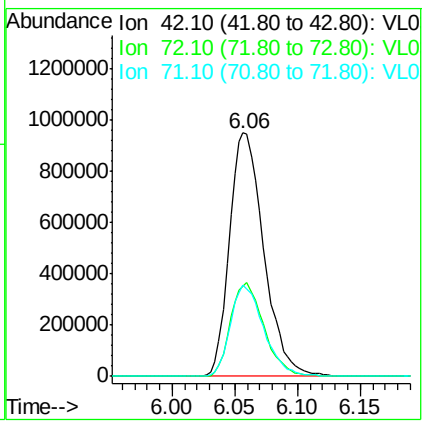


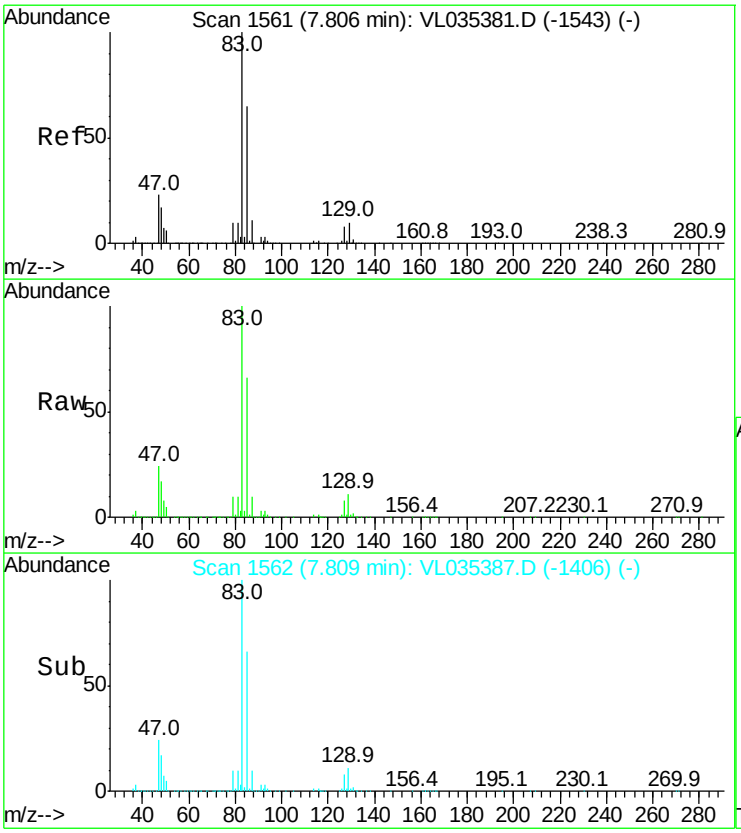
#41
Tetrahydrofuran
Concen: 22.761 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 1807196

Ion	Ratio	Lower	Upper
42	100		
72	38.0	30.2	45.2
71	36.8	28.6	42.8

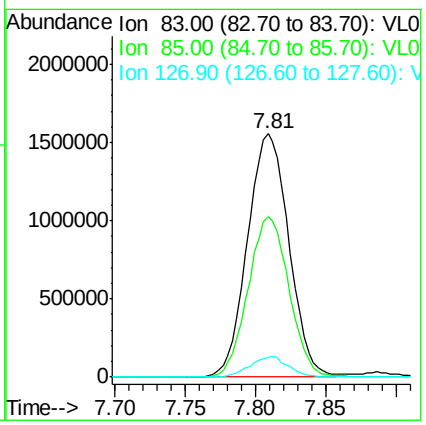


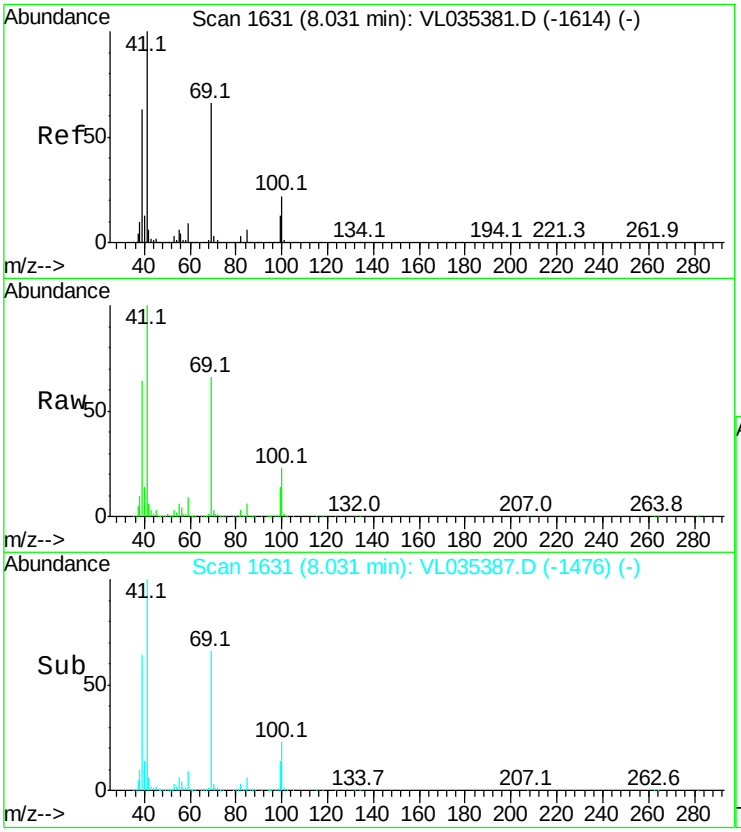


#42
Bromodichloromethane
Concen: 15.326 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 83 Resp: 3190397

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4
127	8.0	6.3	9.5



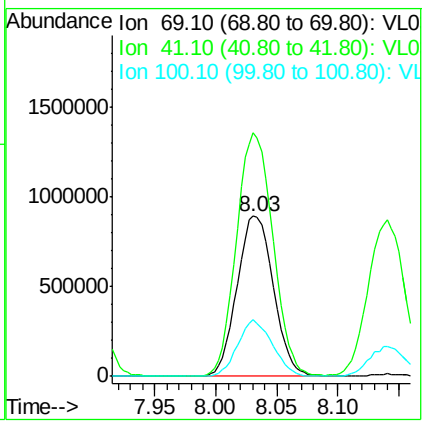


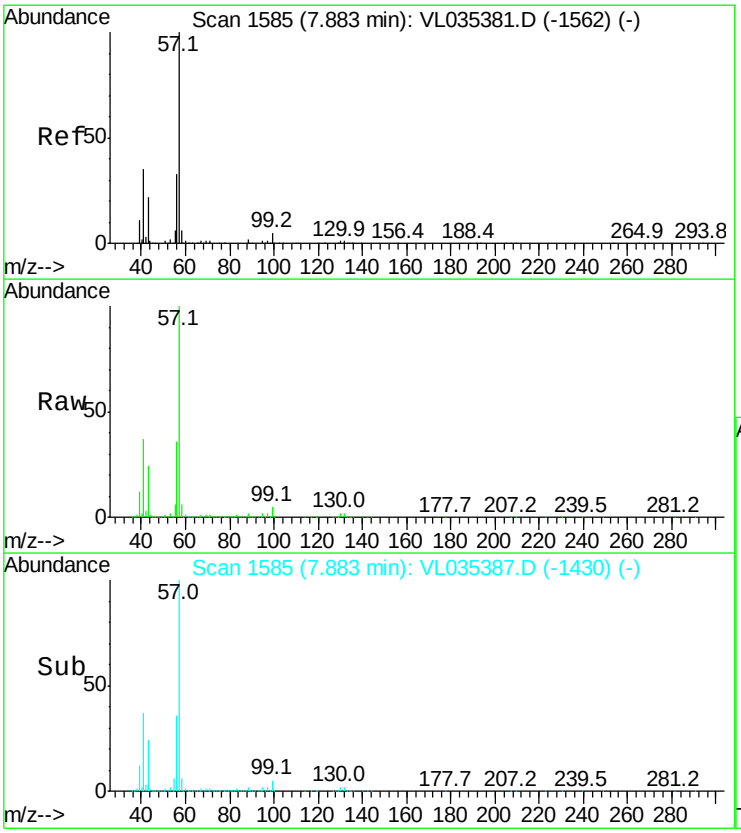
#43
Methyl Methacrylate
Concen: 19.692 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 1838244

Ion	Ratio	Lower	Upper
69	100		
41	152.1	123.4	185.2
100	33.6	26.7	40.1

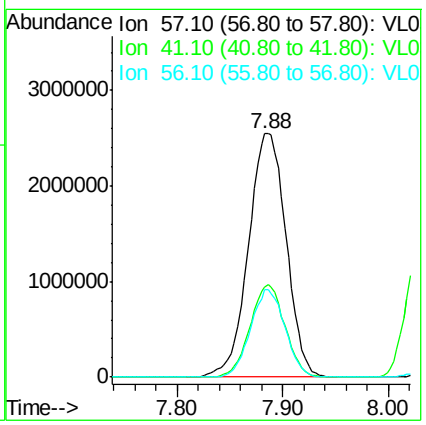


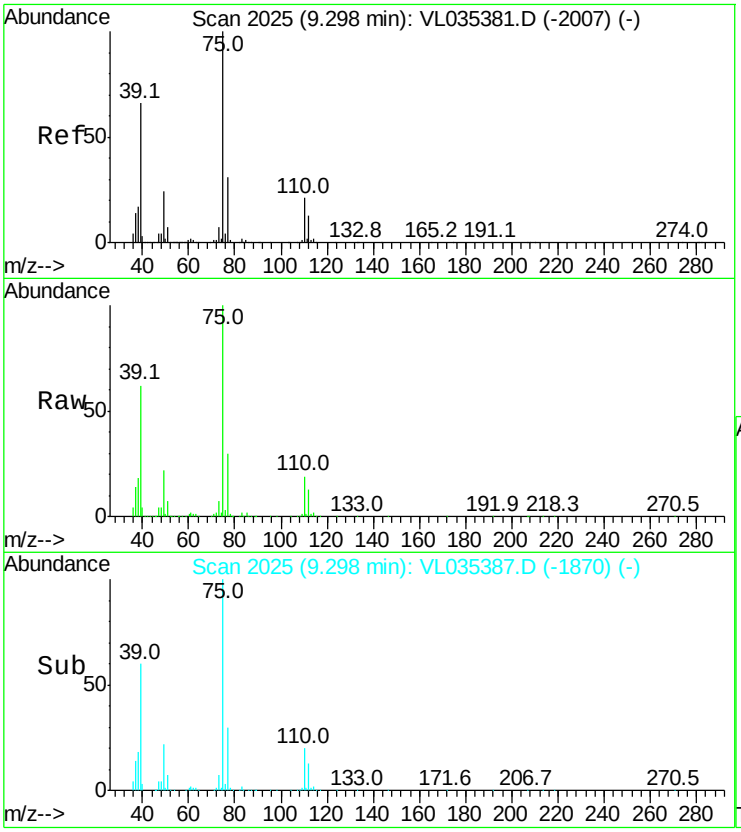


#44
2,2,4-Trimethylpentane
Concen: 16.053 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 57 Resp: 6328070

Ion	Ratio	Lower	Upper
57	100		
41	35.1	26.9	40.3
56	33.0	25.6	38.4



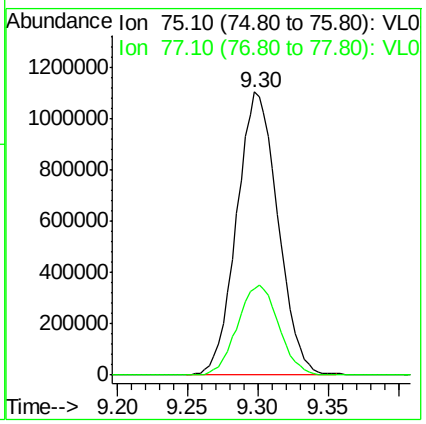


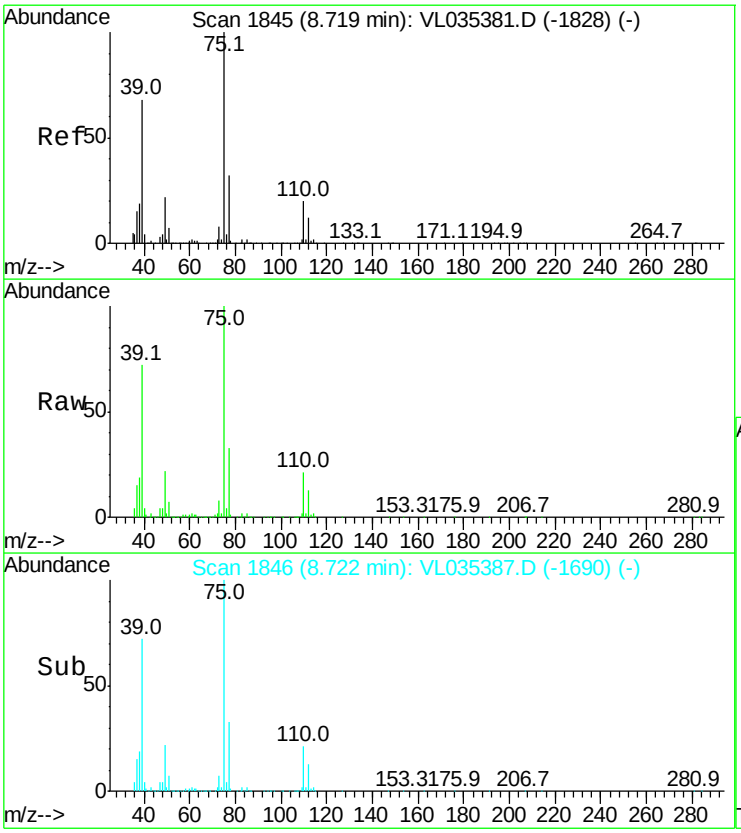
#45
t-1,3-Dichloropropene
Concen: 23.334 ppbv
RT: 9.30 min Scan# 2025
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 2259580

Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.2	37.8

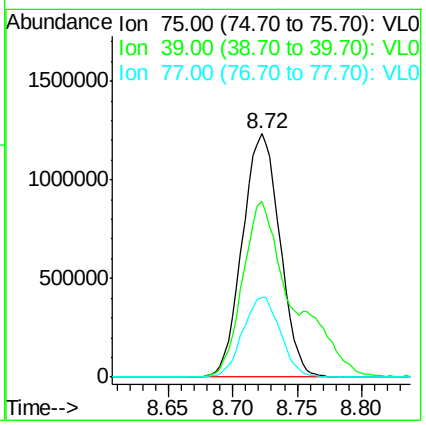


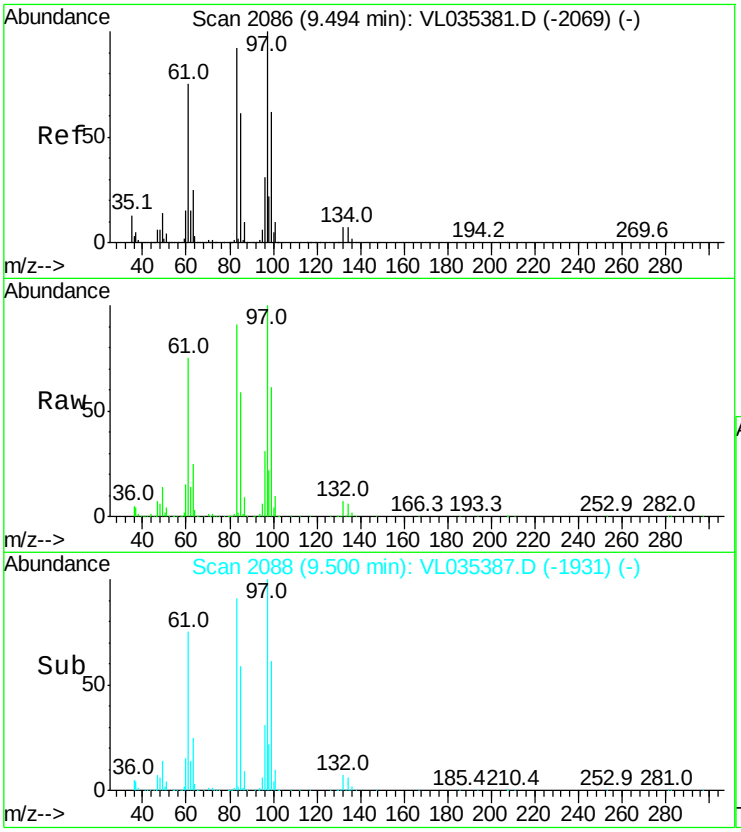


#46
cis-1,3-Dichloropropene
Concen: 21.417 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 75 Resp: 2504653

Ion	Ratio	Lower	Upper
75	100		
39	72.0	54.2	81.2
77	32.7	25.7	38.5



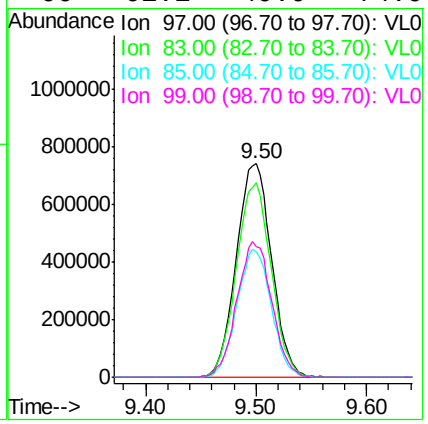


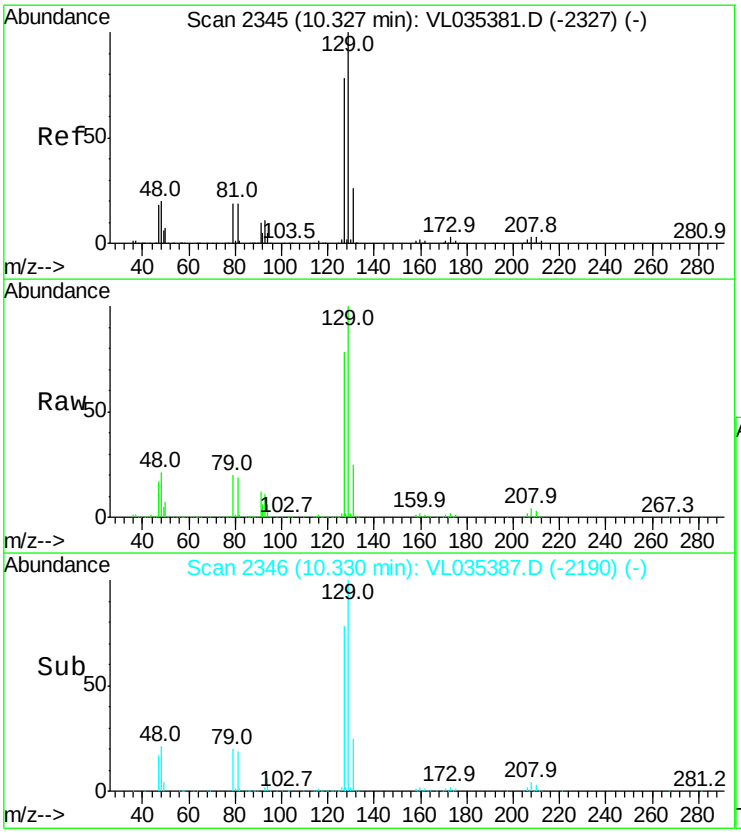
#47
1,1,2-Trichloroethane
Concen: 15.233 ppbv
RT: 9.50 min Scan# 2088
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 97 Resp: 1645224

Ion	Ratio	Lower	Upper
97	100		
83	91.0	73.9	110.9
85	58.6	49.0	73.6
99	61.1	49.9	74.9

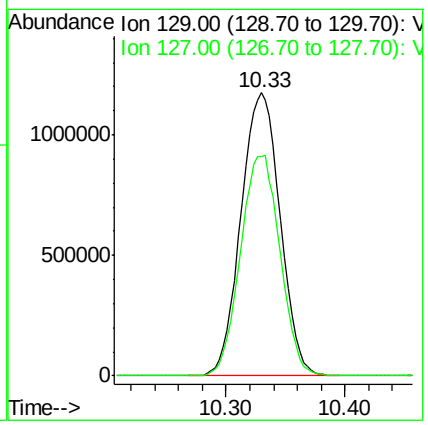


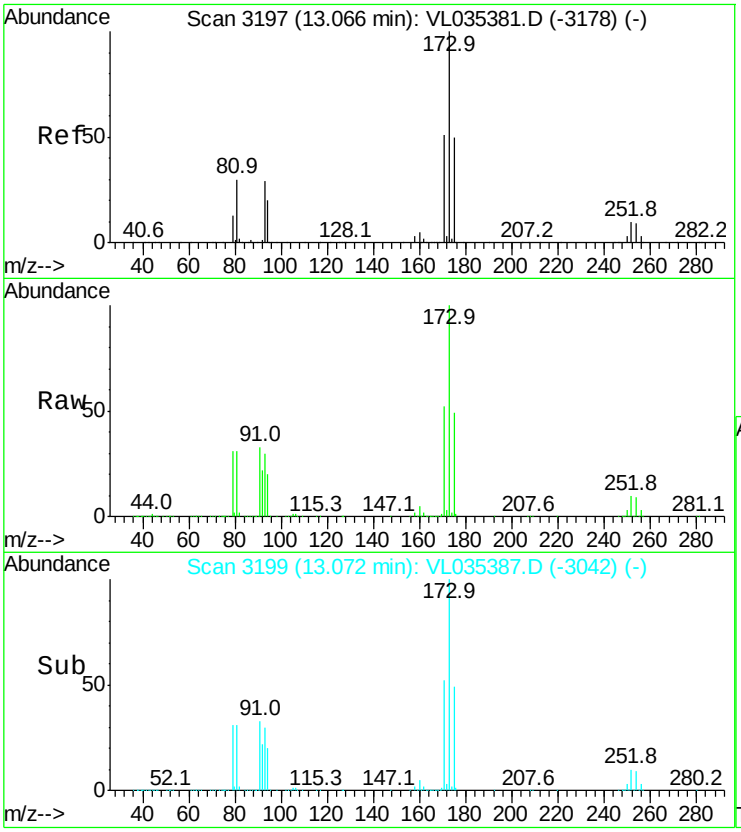


#48
Dibromochloromethane
Concen: 15.128 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion:129 Resp: 2676502

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.3	117.8



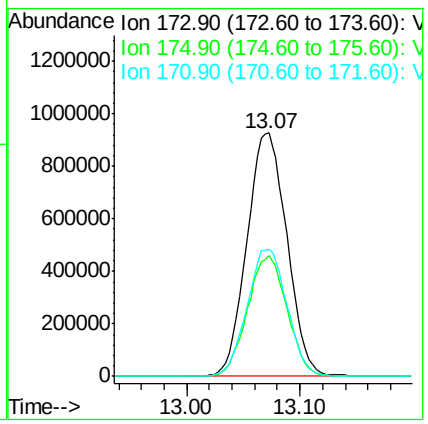


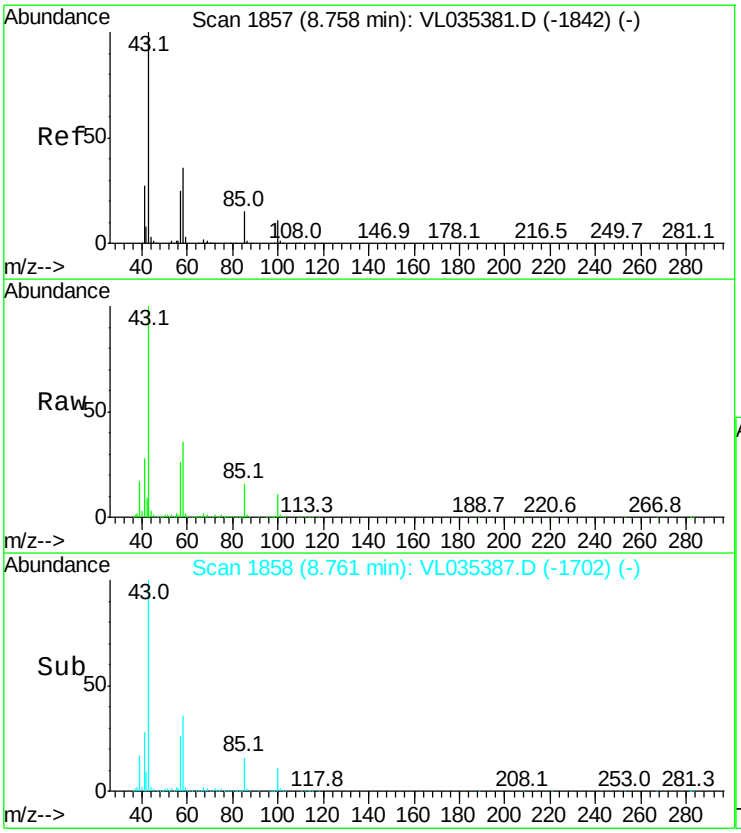
#49
Bromoform
Concen: 14.105 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 2273844

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.9	59.9
171	52.3	41.8	62.8

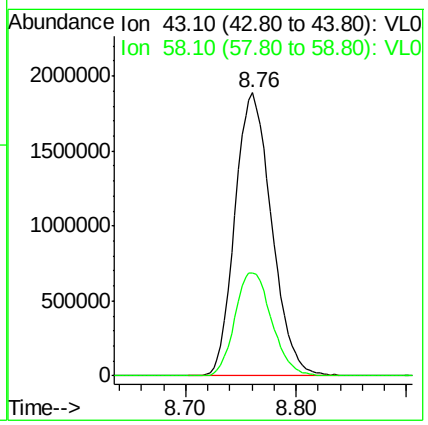


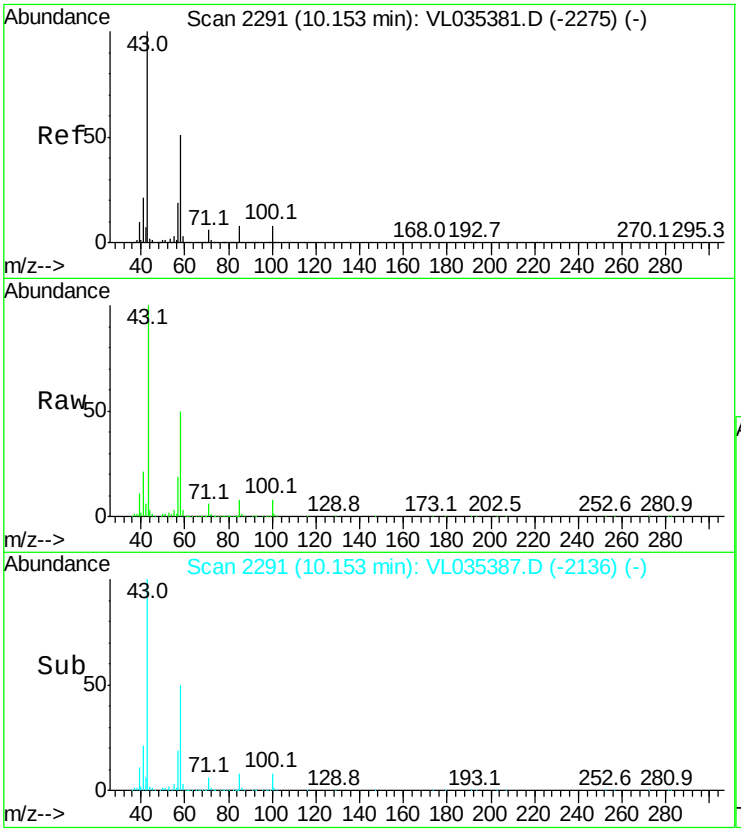


#50
4-Methyl-2-Pentanone
Concen: 17.609 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 43 Resp: 4350084

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.0	43.6



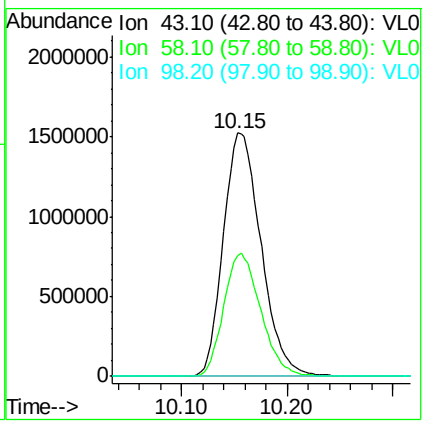


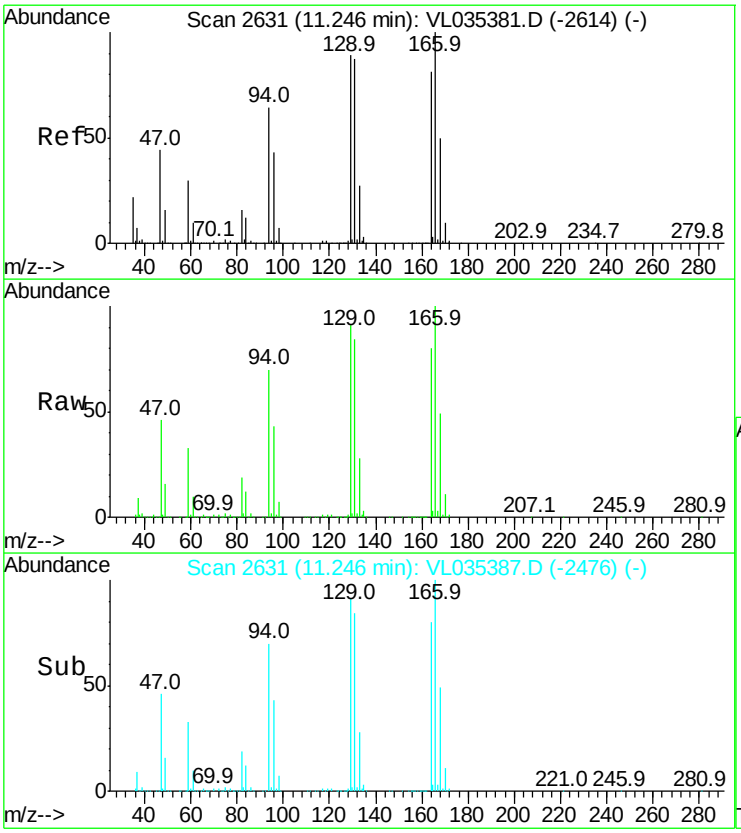
#51
2-Hexanone
Concen: 19.449 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 3766700

Ion	Ratio	Lower	Upper
43	100		
58	49.8	39.5	59.3
98	0.1	0.1	0.1#

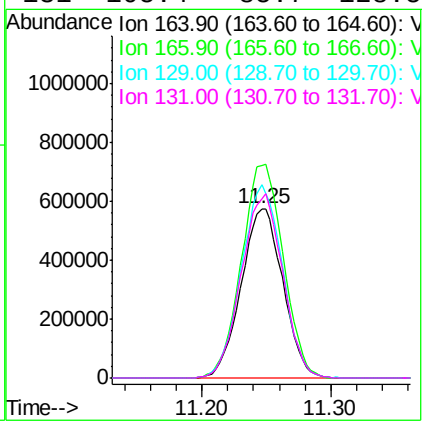


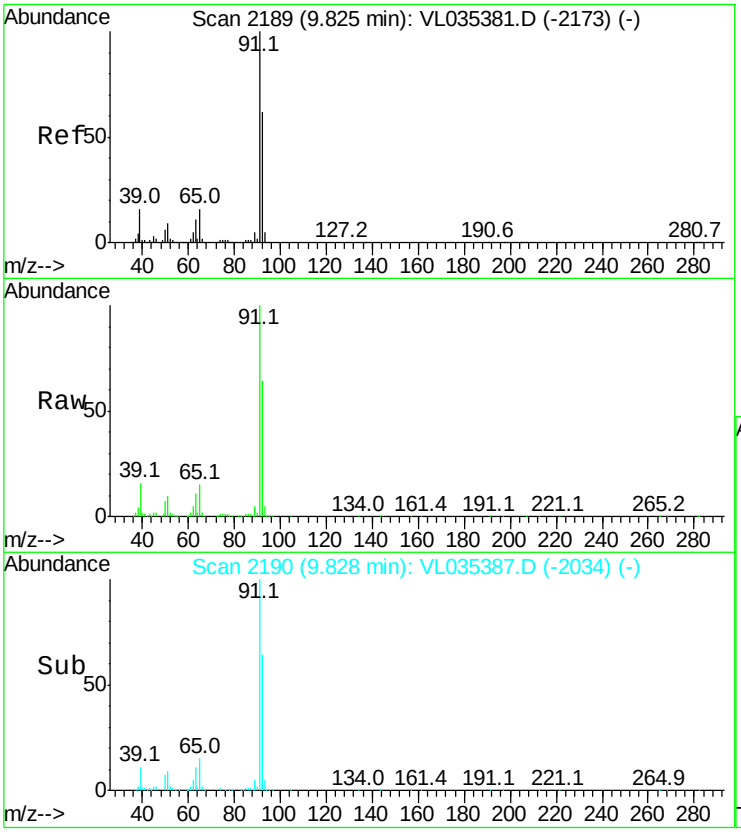


#52
Tetrachloroethene
Concen: 14.696 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion:164 Resp: 1292826

Ion	Ratio	Lower	Upper
164	100		
166	125.2	98.2	147.2
129	114.1	87.3	130.9
131	105.4	85.7	128.5



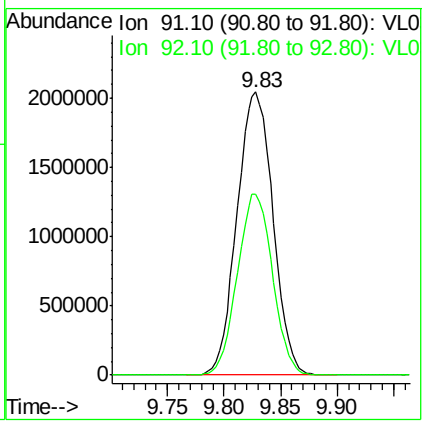


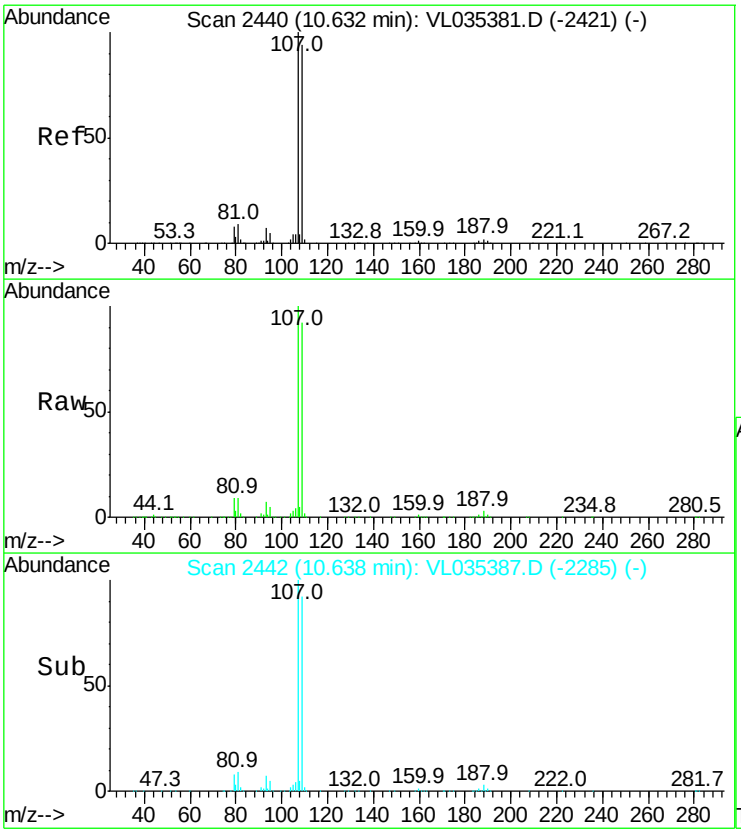
#53
Toluene
Concen: 18.759 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4528021

Ion	Ratio	Lower	Upper
91	100		
92	62.6	49.1	73.7

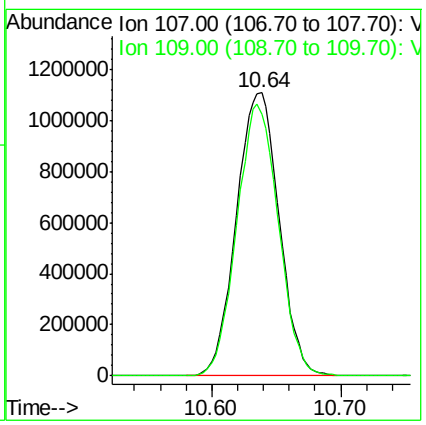


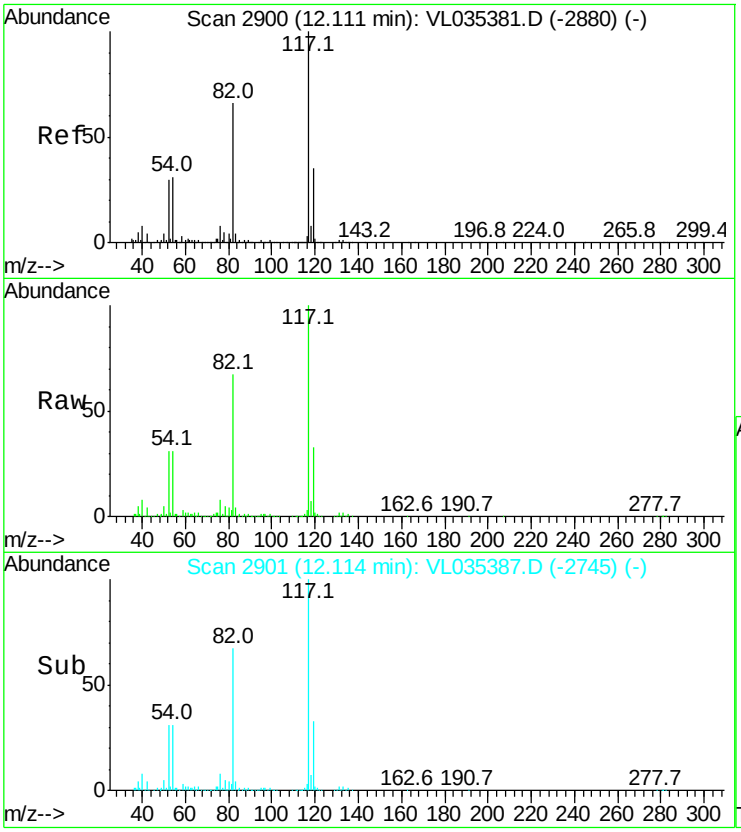


#54
1,2-Dibromoethane
Concen: 16.443 ppbv
RT: 10.64 min Scan# 2442
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion:107 Resp: 2547962

Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.2	112.8



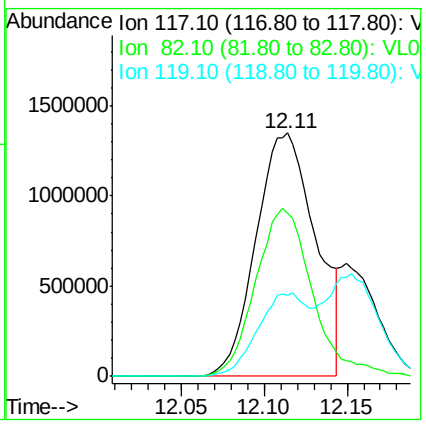


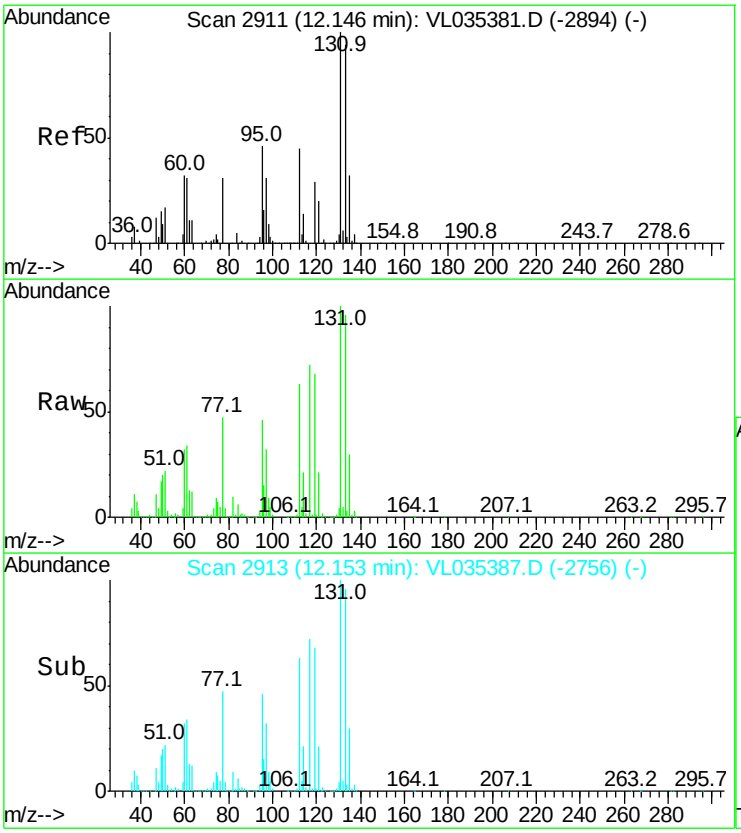
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 3383034

Ion	Ratio	Lower	Upper
117	100		
82	65.9	53.0	79.6
119	27.9	25.7	38.5

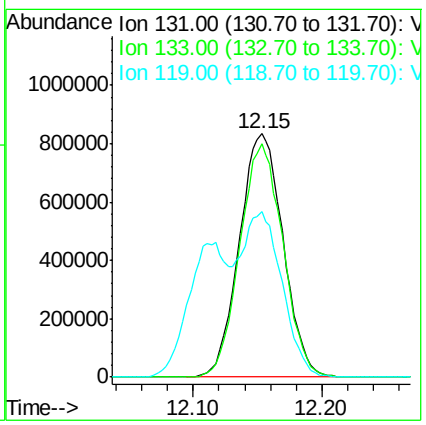


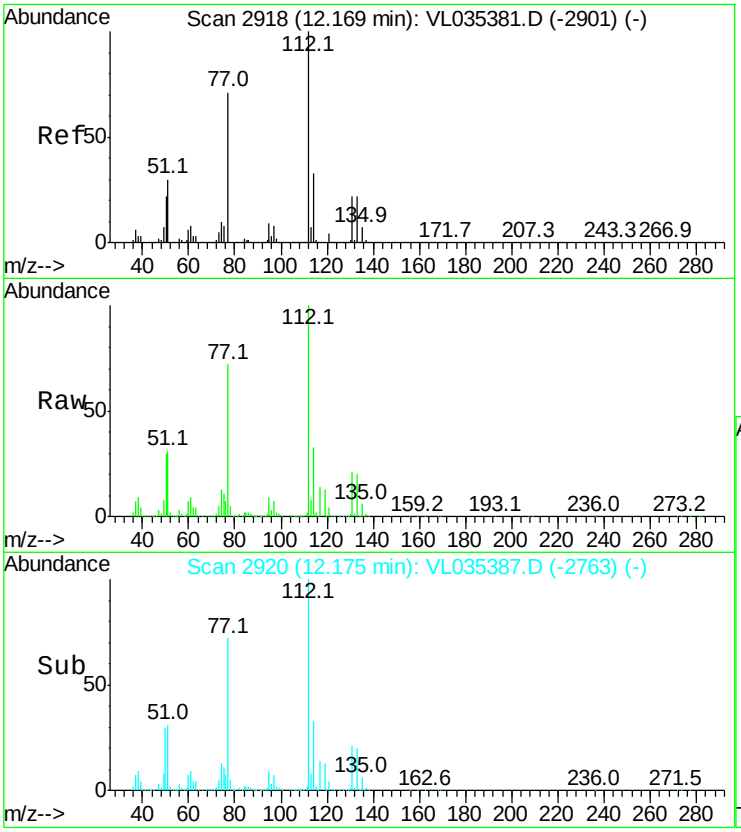


#56
1,1,1,2-Tetrachloroethane
Concen: 12.281 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion:131 Resp: 1961043

Ion	Ratio	Lower	Upper
131	100		
133	94.7	76.1	114.1
119	64.1	47.0	70.4



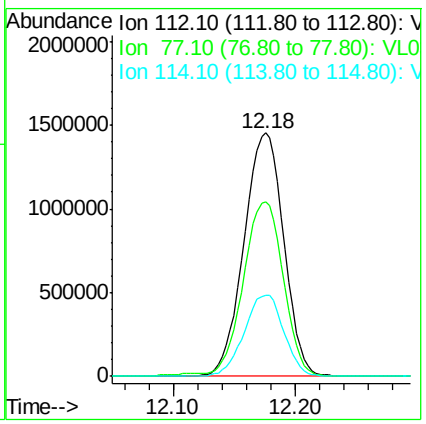


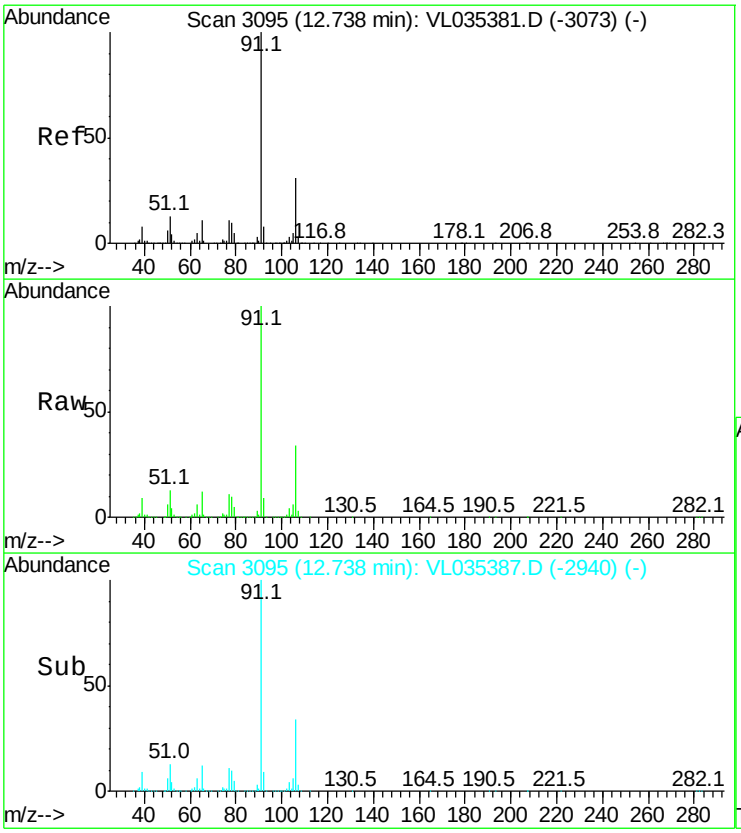
#57
Chlorobenzene
Concen: 12.843 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. 0.01 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 3271455

Ion	Ratio	Lower	Upper
112	100		
77	71.7	57.6	86.4
114	33.3	30.0	36.6





#58
Ethyl Benzene
Concen: 17.213 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VL035387.D
Acq: 12 Aug 2020 15:59

Tgt Ion: 91 Resp: 6059413

Ion	Ratio	Lower	Upper
91	100		
106	33.5	25.1	37.7