Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082720\
Data File : VL035505.D
Acq On : 27 Aug 2020 2:10
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 27 05:34:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 05:32:47 2020
QLast Update : Thu Aug 27 05:32:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1083682	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4765920	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5123509	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	3535637	9.74	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1609667	8.122	ppbv	100
3) Chlorodifluoromethane	2.99	51	1144535	9.354	ppbv	100
4) Chloromethane	3.14	50	625867	9.827	ppbv	100
5) Vinyl Chloride	3.26	62	731167	9.766	ppbv	100
6) Bromomethane	3.48	94	651056	9.483	ppbv	100
7) Chloroethane	3.56	64	273883	9.577	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	2117227	8.999	ppbv	100
9) Propene	3.01	41	443743	9.323	ppbv	100
10) Heptane	8.14	43	1236313	9.754	ppbv	100
11) Trichlorofluoromethane	3.96	101	2560893	8.957	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1965308	9.210	ppbv	100
13) Ethanol	3.61	45	104885	7.855	ppbv	100
14) Bromoethene	3.75	108	886302	9.547	ppbv	100
15) Acetone	3.85	43	1071952	9.222	ppbv	100
16) 1,3-Butadiene	3.33	39	443667	9.611	ppbv	100
17) tert-Butyl alcohol	4.30	59	1473076	9.958	ppbv	100
18) 1,1-Dichloroethene	4.29	96	904570	9.576	ppbv	100
19) Isopropyl Alcohol	3.98	45	732931	9.757	ppbv	99
20) Methylene Chloride	4.35	84	716852	5.785	ppbv	100
21) Allyl Chloride	4.42	41	595927	10.169	ppbv	100
22) trans-1,2-Dichloroethene	4.90	96	948234	9.504	ppbv	100
23) Vinyl Acetate	5.09	43	1583203	10.350	ppbv	100
24) 1,1-Dichloroethane	5.02	63	1518185	9.459	ppbv	100
25) Ethyl Acetate	5.69	43	1998587	9.078	ppbv	100
26) Hexane	5.70	57	1132311	8.457	ppbv	100
27) Carbon Disulfide	4.56	76	1893632	10.643	ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	2121659	9.768	ppbv	100
29) Chloroform	5.77	83	2343427	9.233	ppbv	100
30) Cyclohexane	7.15	84	1333301	9.922	ppbv	100
31) cis-1,2-Dichloroethene	5.56	61	1238845	9.800	ppbv	100
32) 1,1,1-Trichloroethane	6.53	97	2346070	10.125	ppbv	100
34) 2-Butanone	5.26	43	1403596	9.963	ppbv	100
35) Carbon Tetrachloride	7.04	117	2485493	10.718	ppbv	100
36) Benzene	6.91	78	3035695	9.682	ppbv	100
37) 1,2-Dichloroethane	6.32	62	1421184	9.572	ppbv	100
38) Trichloroethene	7.86	130	1637917	9.455	ppbv	100
39) 1,2-Dichloropropane	7.64	63	1019833	9.715	ppbv	100
40) 1,4-Dioxane	7.85	88	556984	10.772	ppbv	100
41) Tetrahydrofuran	6.06	42	794168	10.403	ppbv	100
42) Bromodichloromethane	7.81	83	2484612	10.248	ppbv	100
43) Methyl Methacrylate	8.03	69	1266004	10.428	ppbv	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082720\
Data File : VL035505.D
Acq On : 27 Aug 2020 2:10
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 27 05:34:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 05:32:47 2020
QLast Update : Thu Aug 27 05:32:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	3899942	9.496	ppbv		100
45) t-1,3-Dichloropropene	9.30	75	1443079	11.620	ppbv		100
46) cis-1,3-Dichloropropene	8.73	75	1707066	11.091	ppbv		100
47) 1,1,2-Trichloroethane	9.50	97	1506566	9.601	ppbv		100
48) Dibromochloromethane	10.33	129	2666832	10.704	ppbv		100
49) Bromoform	13.07	173	2561828	11.097	ppbv		100
50) 4-Methyl-2-Pentanone	8.76	43	2088756	10.291	ppbv		100
51) 2-Hexanone	10.16	43	1815643	10.914	ppbv		100
52) Tetrachloroethene	11.25	164	1699866	9.340	ppbv		100
53) Toluene	9.83	91	3909244	9.853	ppbv		100
54) 1,2-Dibromoethane	10.64	107	2422223	9.726	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.16	131	2079375	9.719	ppbv		97
57) Chlorobenzene	12.18	112	3392555	8.903	ppbv		100
58) Ethyl Benzene	12.74	91	5098526	9.394	ppbv		100
59) m/p-Xylene	13.02	91	4379761	9.494	ppbv	#	33
60) o-Xylene	13.73	91	4219268	9.285	ppbv		100
61) Styrene	13.56	104	3518526	10.053	ppbv		100
62) Isopropylbenzene	14.70	105	6519491	8.874	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.71	83	2966680	8.932	ppbv		100
64) n-propylbenzene	15.60	120	2116991	9.469	ppbv		100
65) tert-Butylbenzene	16.78	119	6214735	8.910	ppbv		100
66) Benzyl Chloride	17.03	91	2184470	12.874	ppbv		100
67) sec-Butylbenzene	17.33	105	8029544	8.657	ppbv		100
69) p-Isopropyltoluene	17.69	119	7172510	8.875	ppbv		100
70) n-Butylbenzene	18.59	91	6913396	8.907	ppbv		100
71) 2-Chlorotoluene	15.49	91	4967408	9.342	ppbv		100
72) 4-Ethyltoluene	15.88	105	5473410	9.443	ppbv		100
73) 1,3,5-Trimethylbenzene	16.03	105	5042081	9.405	ppbv		100
74) 1,2,4-Trimethylbenzene	16.80	105	5264753	8.952	ppbv		100
75) 1,3-Dichlorobenzene	17.03	146	3879534	8.804	ppbv		100
76) 1,4-Dichlorobenzene	17.18	146	3930645	8.930	ppbv		100
77) 1,2-Dichlorobenzene	17.85	146	3812543	8.783	ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	2405866	8.074	ppbv		100
79) Naphthalene	22.25	128	6499301	8.879	ppbv		100
80) Naphthalene,2-methyl-	25.00	142	2623612	9.120	ppbv		100
81) 1,2,4-Trichlorobenzene	21.98	180	3715876	8.634	ppbv		100

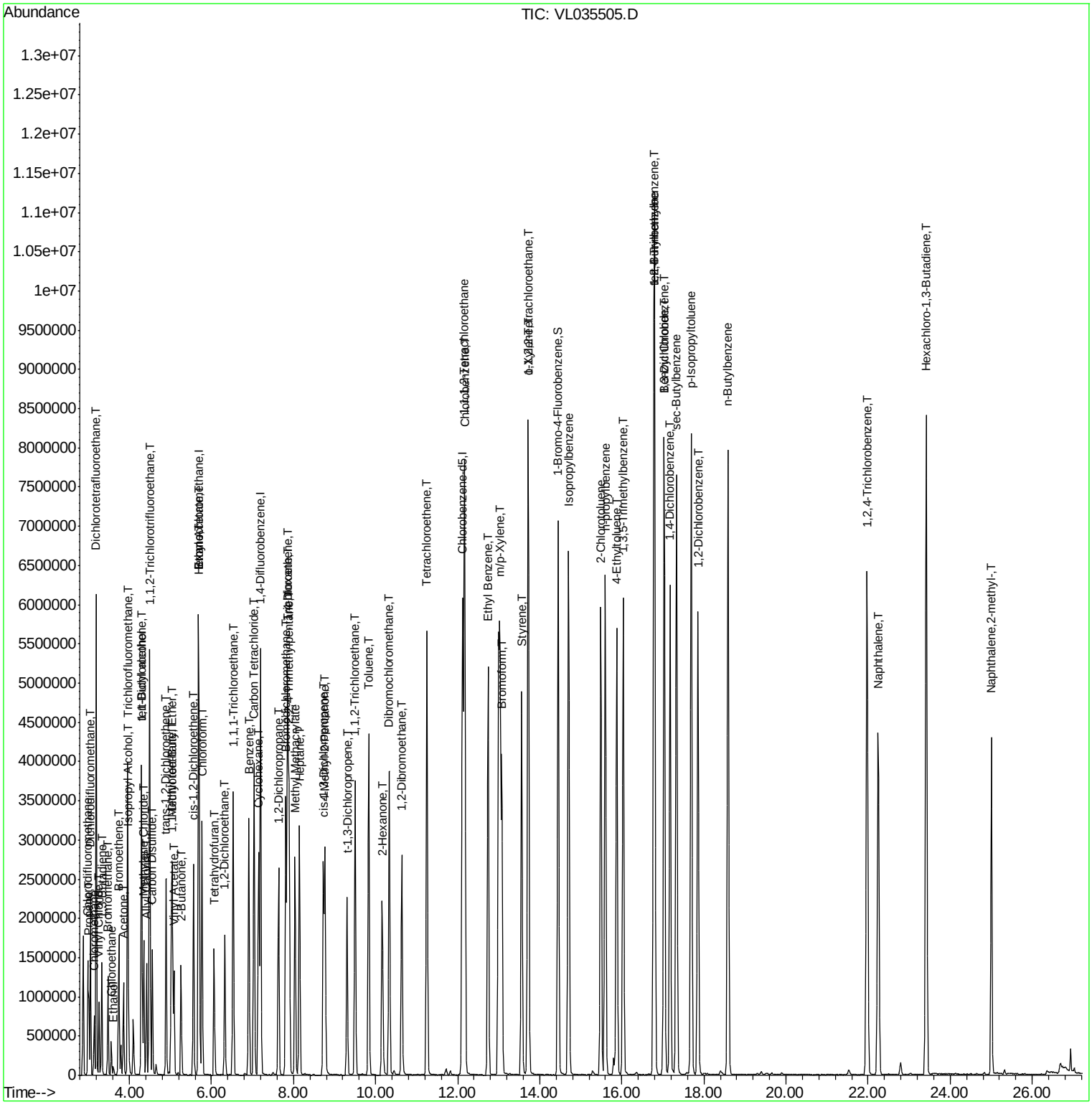
(#) = qualifier out of range (m) = manual integration (+) = signals summed

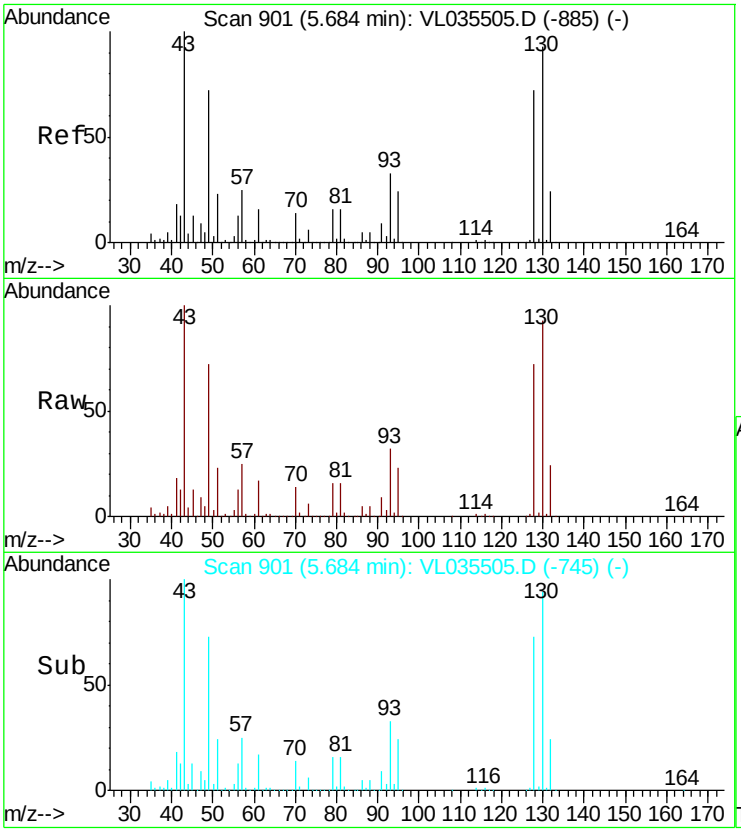
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082720\
Data File : VL035505.D
Acq On : 27 Aug 2020 2:10
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 27 05:34:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 05:32:47 2020
QLast Update : Thu Aug 27 05:32:47 2020
Response via : Initial Calibration



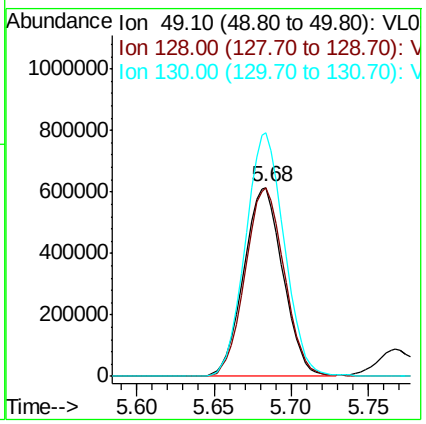


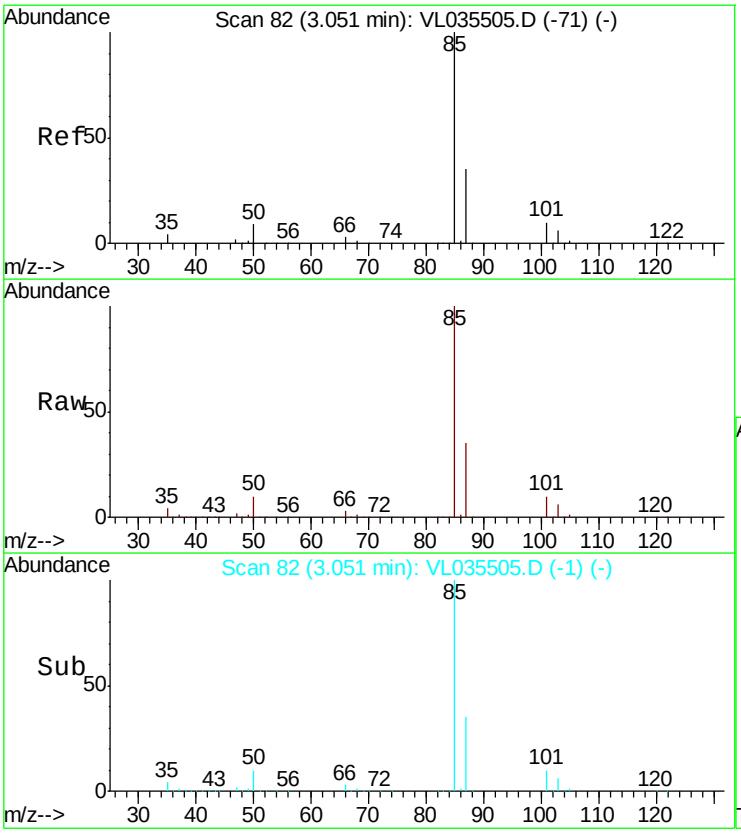
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1083682

Ion	Ratio	Lower	Upper
49	100		
128	100.0	50.0	150.1
130	128.4	64.4	193.2

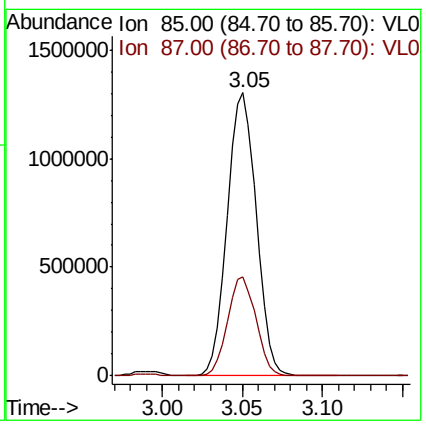


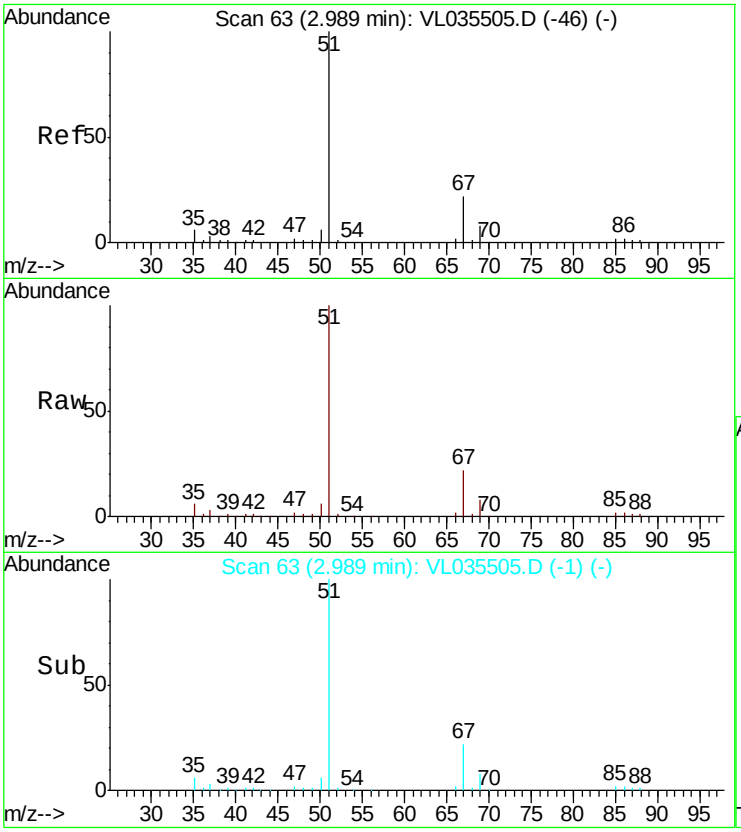


#2
Dichlorodifluoromethane
Concen: 8.122 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 85 Resp: 1609667

Ion	Ratio	Lower	Upper
85	100		
87	35.0	28.0	42.0



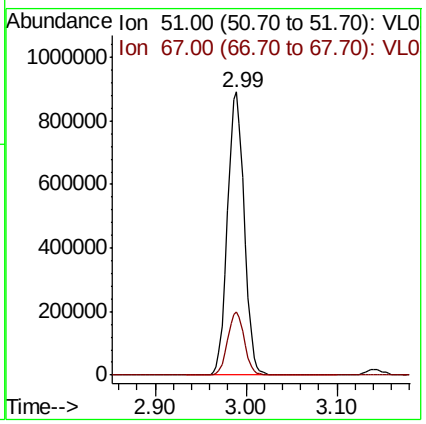


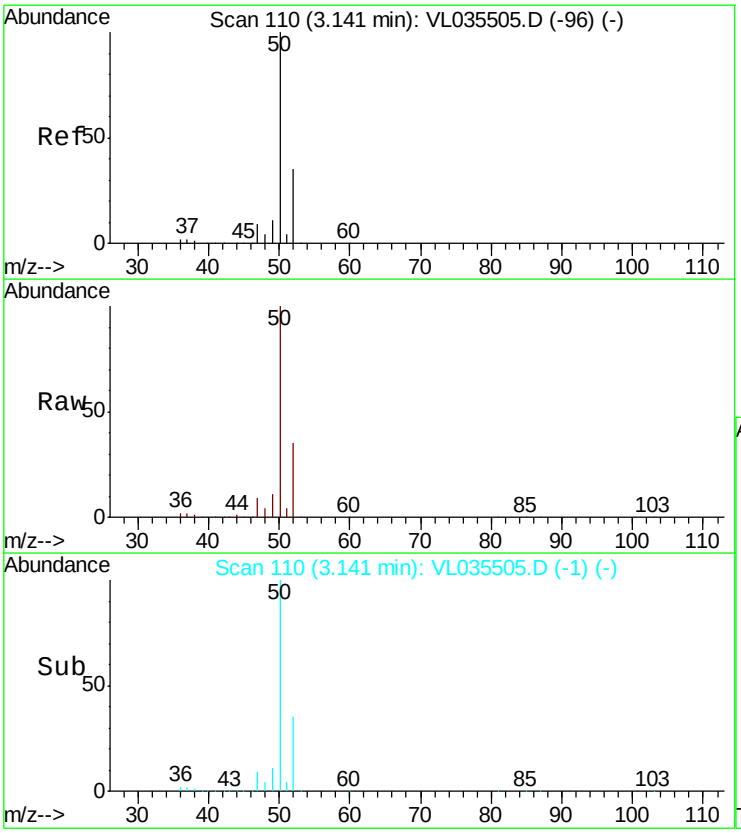
#3
Chlorodifluoromethane
Concen: 9.354 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1144535

Ion	Ratio	Lower	Upper
51	100		
67	22.3	17.8	26.8

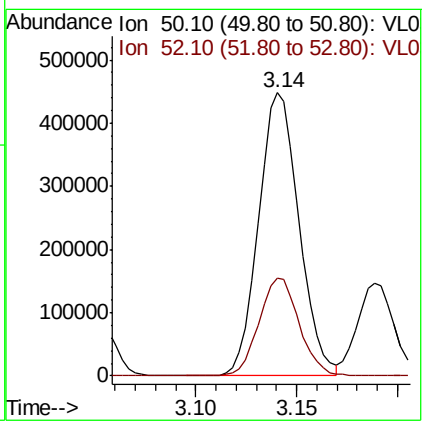


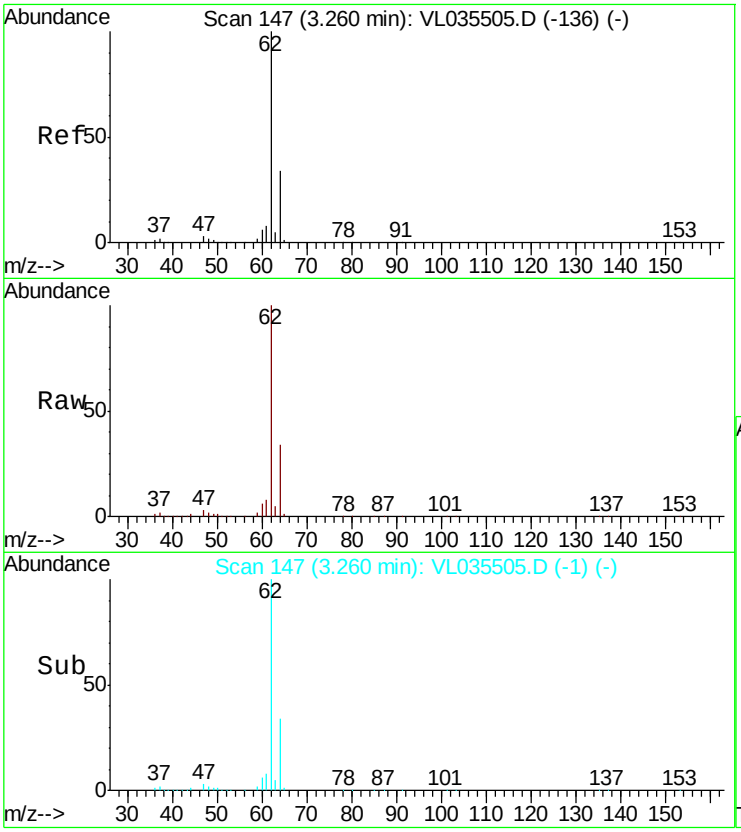


#4
Chloromethane
Concen: 9.827 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 50 Resp: 625867

Ion	Ratio	Lower	Upper
50	100		
52	34.6	27.7	41.5



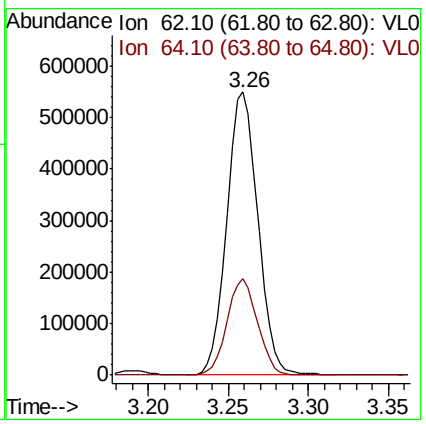


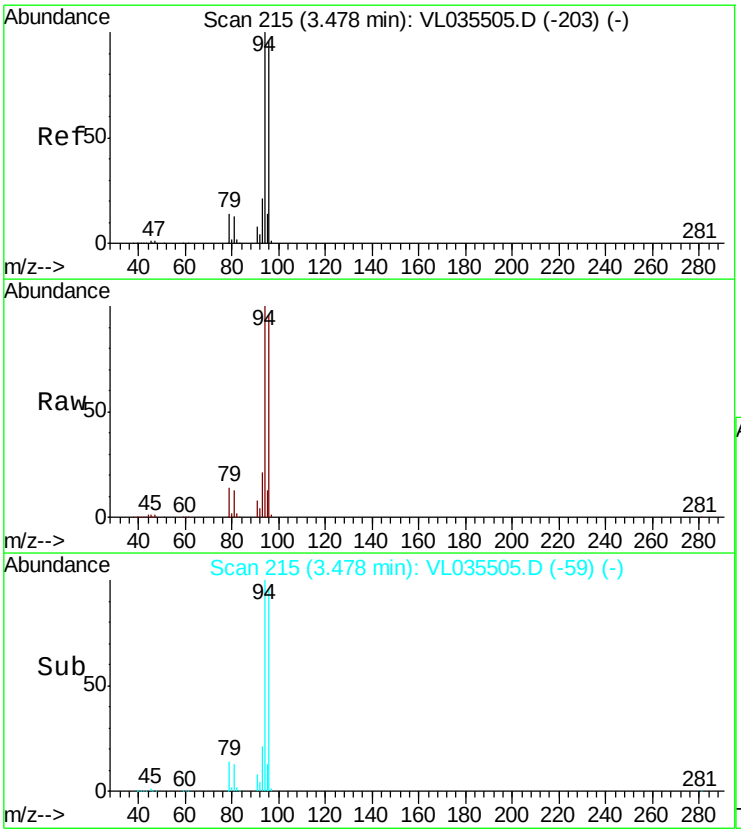
#5
Vinyl Chloride
Concen: 9.766 ppbv
RT: 3.26 min Scan# 147
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 731167

Ion	Ratio	Lower	Upper
62	100		
64	34.3	27.4	41.2

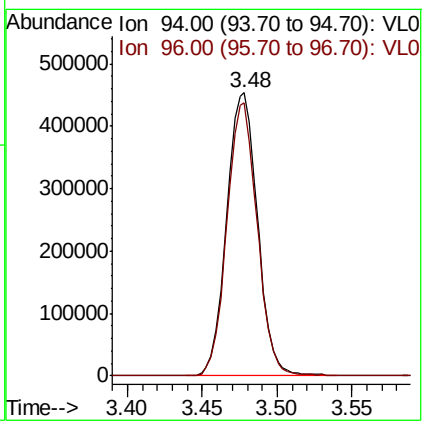


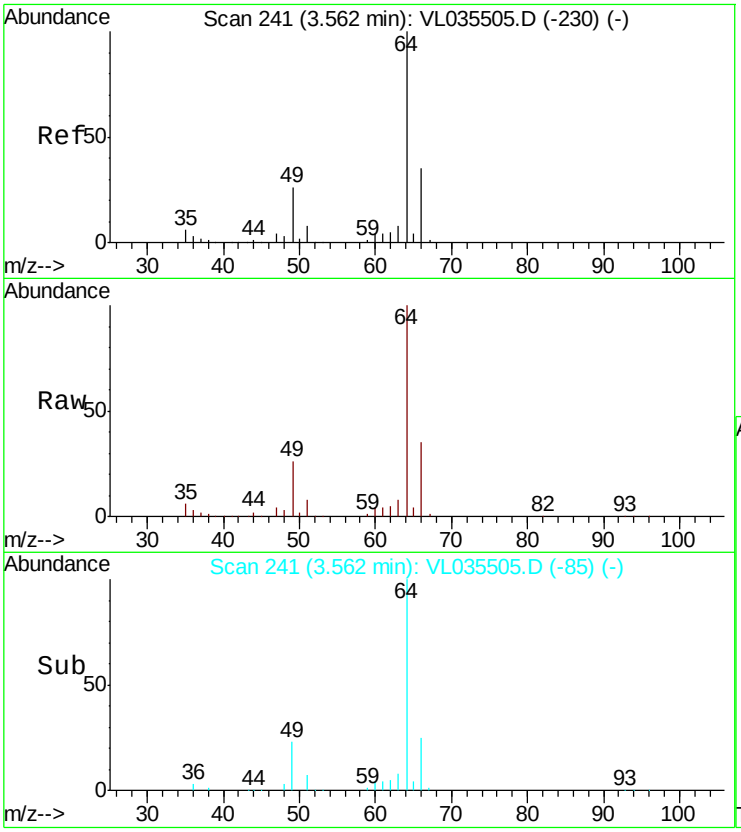


#6
Bromomethane
Concen: 9.483 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 94 Resp: 651056

Ion	Ratio	Lower	Upper
94	100		
96	96.4	77.1	115.7



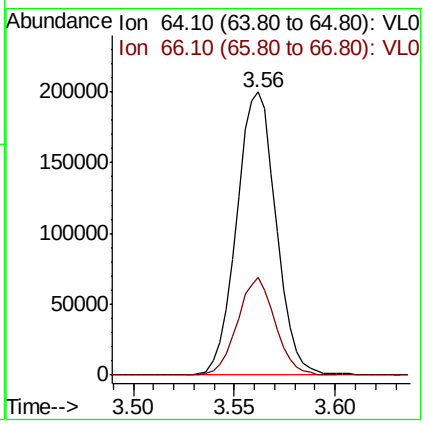


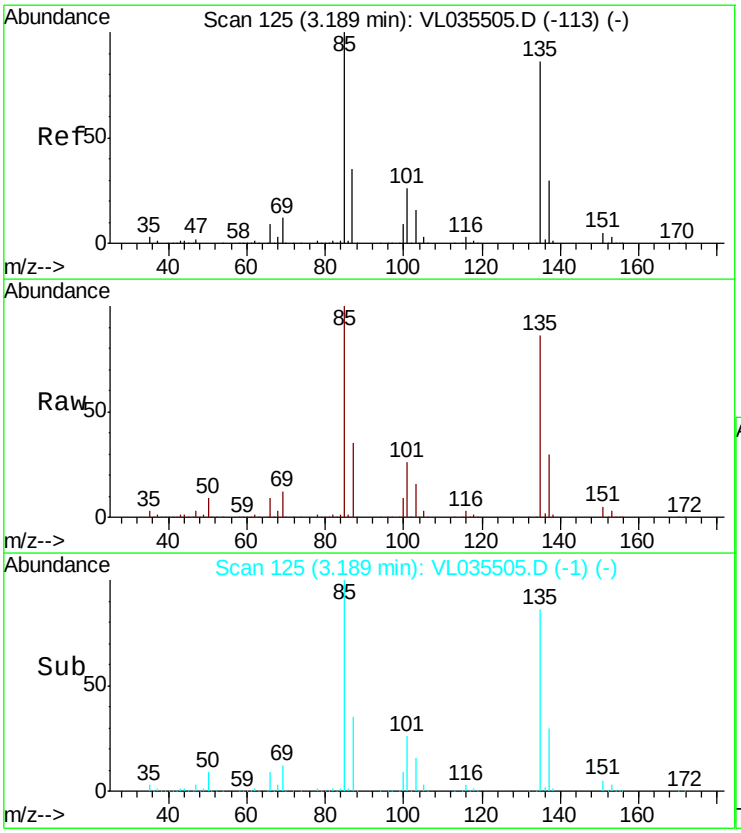
#7
Chloroethane
Concen: 9.577 ppbv
RT: 3.56 min Scan# 241
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 64 Resp: 273883

Ion	Ratio	Lower	Upper
64	100		
66	34.6	27.7	41.5

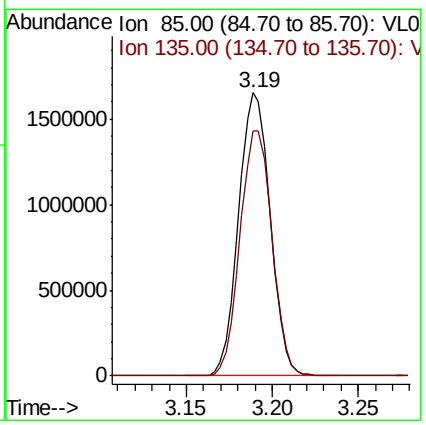


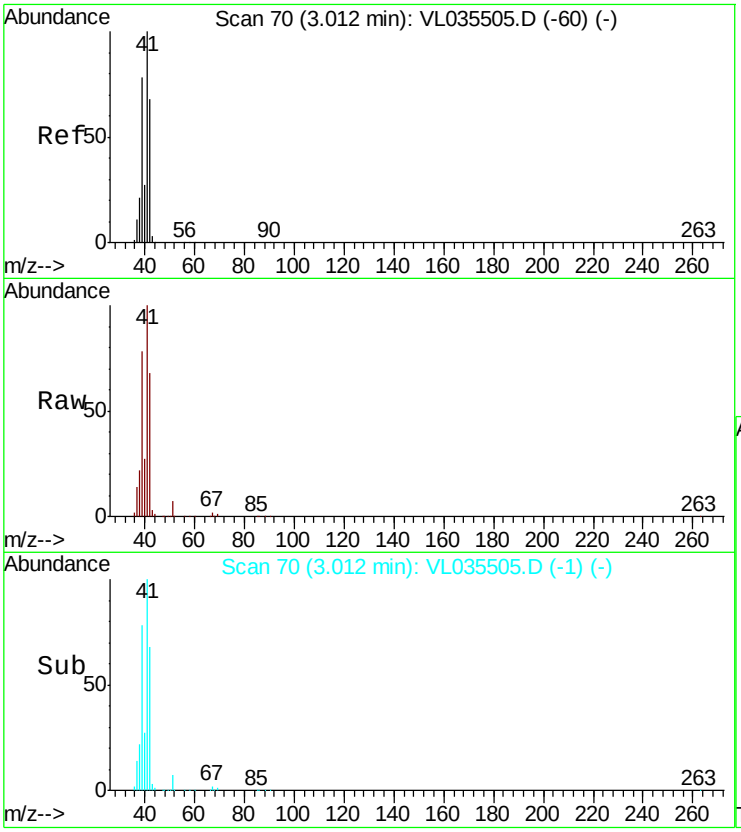


#8
Dichlorotetrafluoroethane
Concen: 8.999 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 85 Resp: 2117227

Ion	Ratio	Lower	Upper
85	100		
135	88.0	70.4	105.6



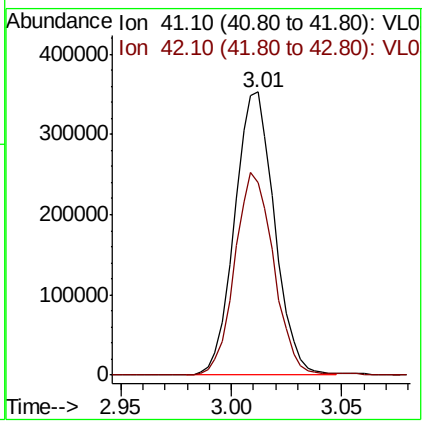


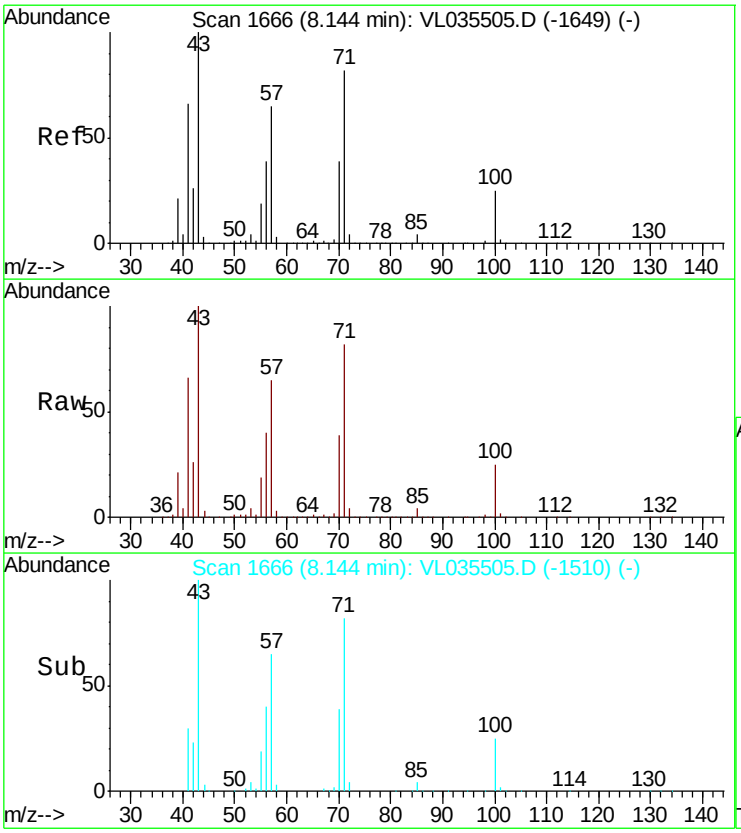
#9
Propene
Concen: 9.323 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 443743

Ion	Ratio	Lower	Upper
41	100		
42	70.4	56.3	84.5

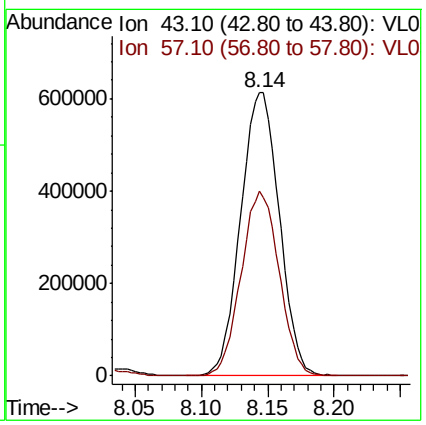


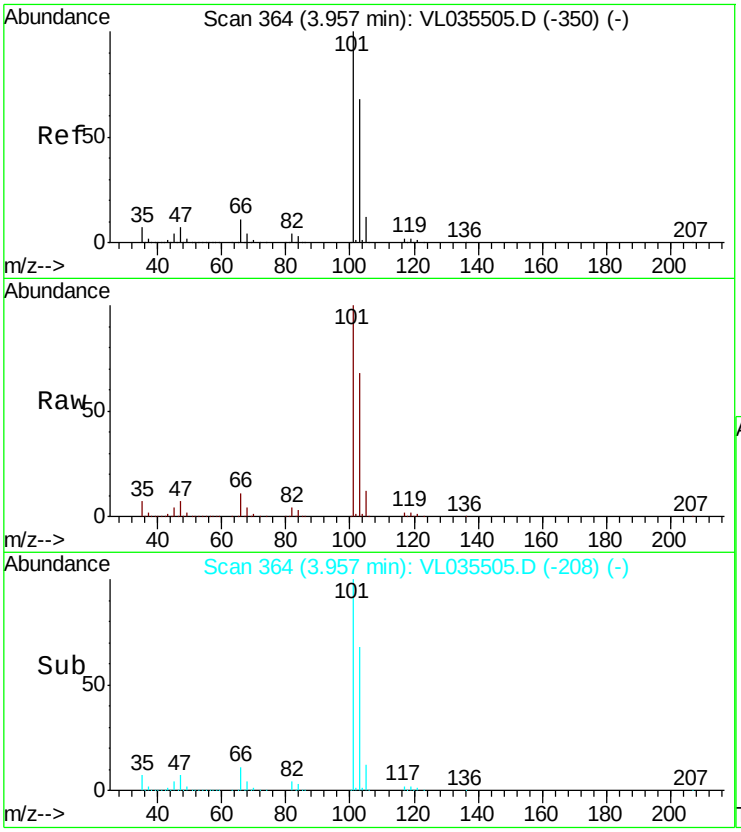


#10
Heptane
Concen: 9.754 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 43 Resp: 1236313

Ion	Ratio	Lower	Upper
43	100		
57	64.2	51.4	77.0



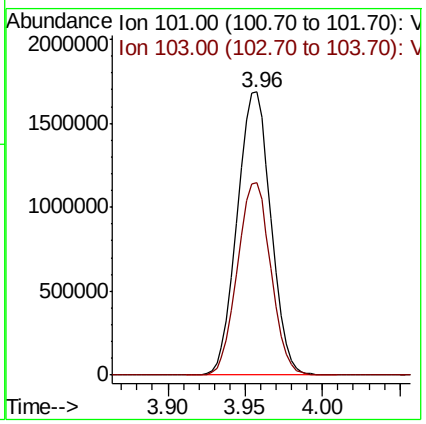


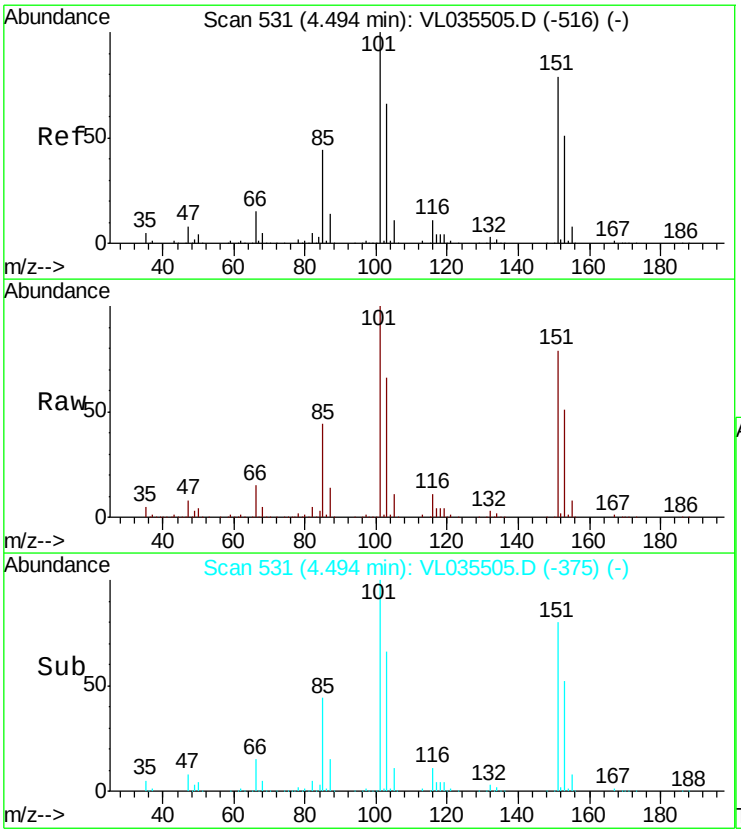
#11
Trichlorofluoromethane
Concen: 8.957 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 2560893

Ion	Ratio	Lower	Upper
101	100		
103	68.1	54.5	81.7

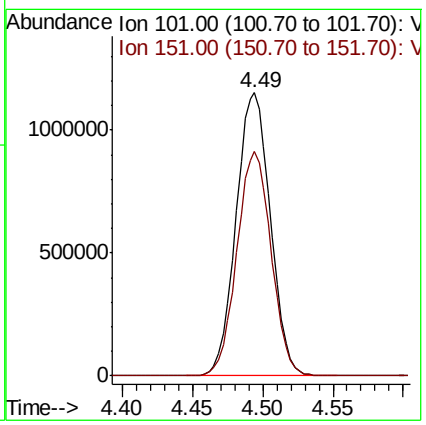


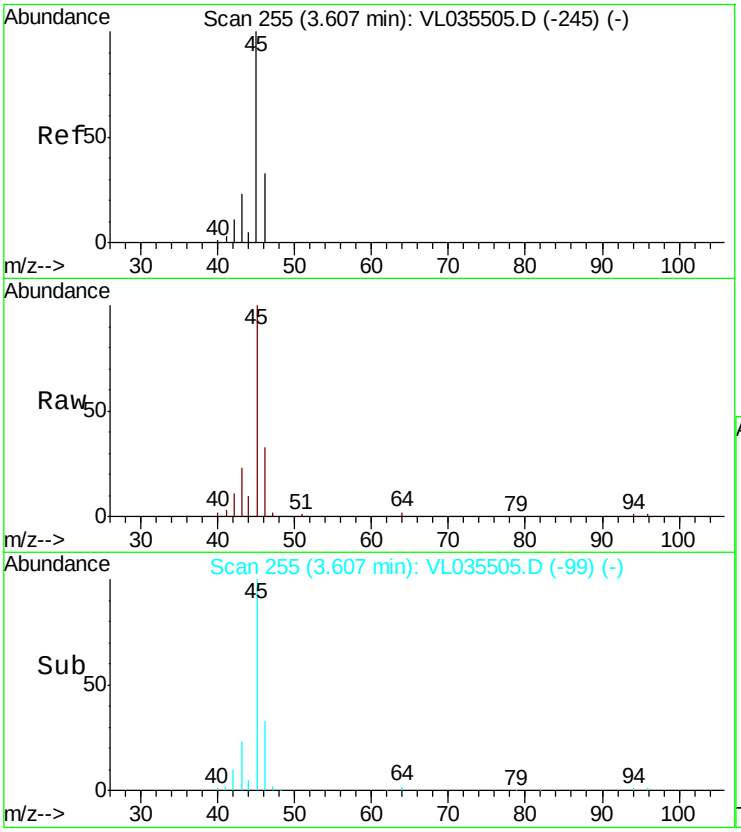


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.210 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:101 Resp: 1965308

Ion	Ratio	Lower	Upper
101	100		
151	79.4	63.5	95.3



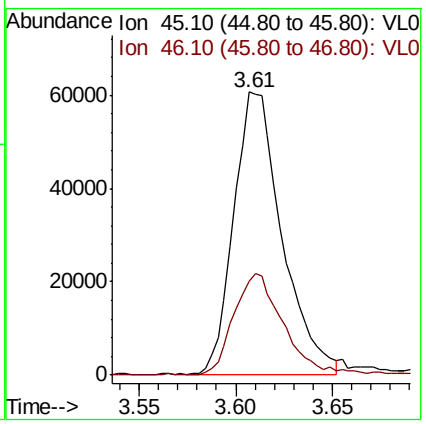


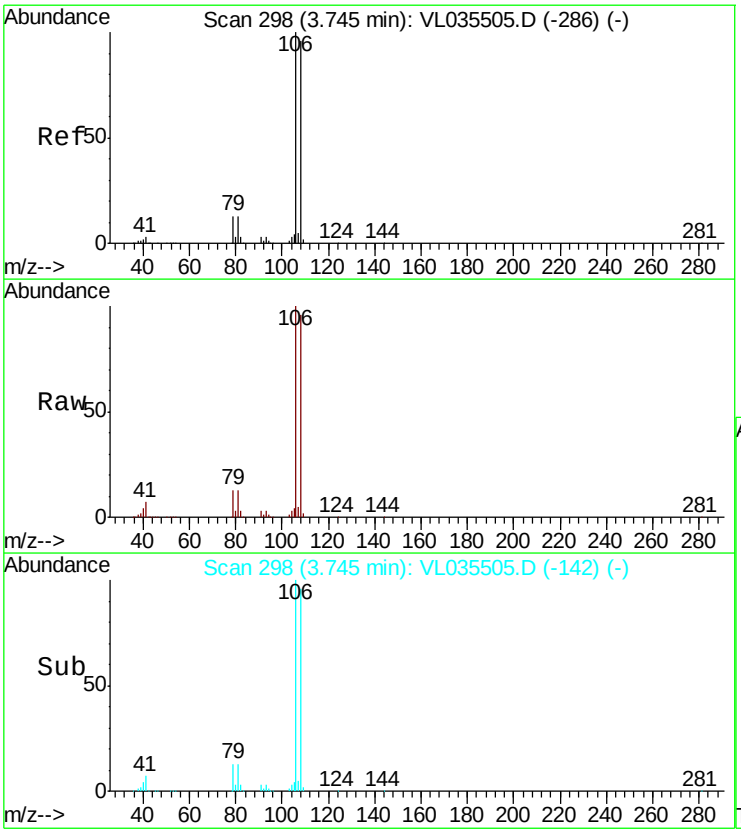
#13
Ethanol
Concen: 7.855 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 104885

Ion	Ratio	Lower	Upper
45	100		
46	37.8	15.2	60.6

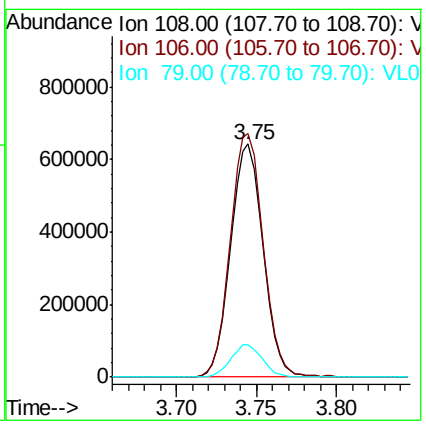


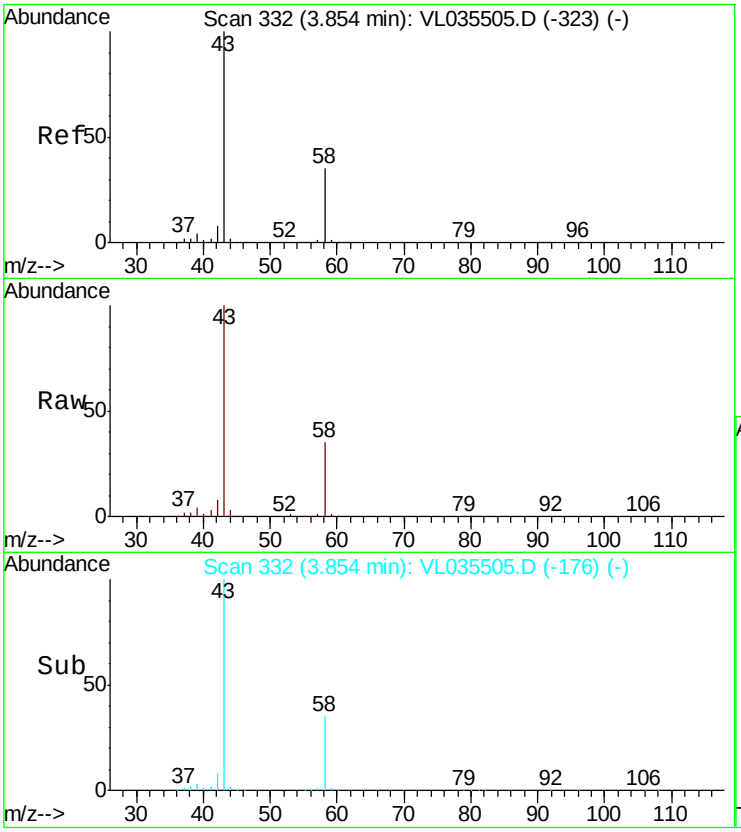


#14
Bromoethene
Concen: 9.547 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:108 Resp: 886302

Ion	Ratio	Lower	Upper
108	100		
106	106.1	84.9	127.3
79	13.5	10.8	16.2



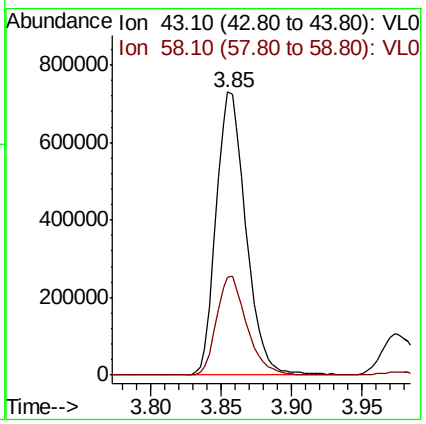


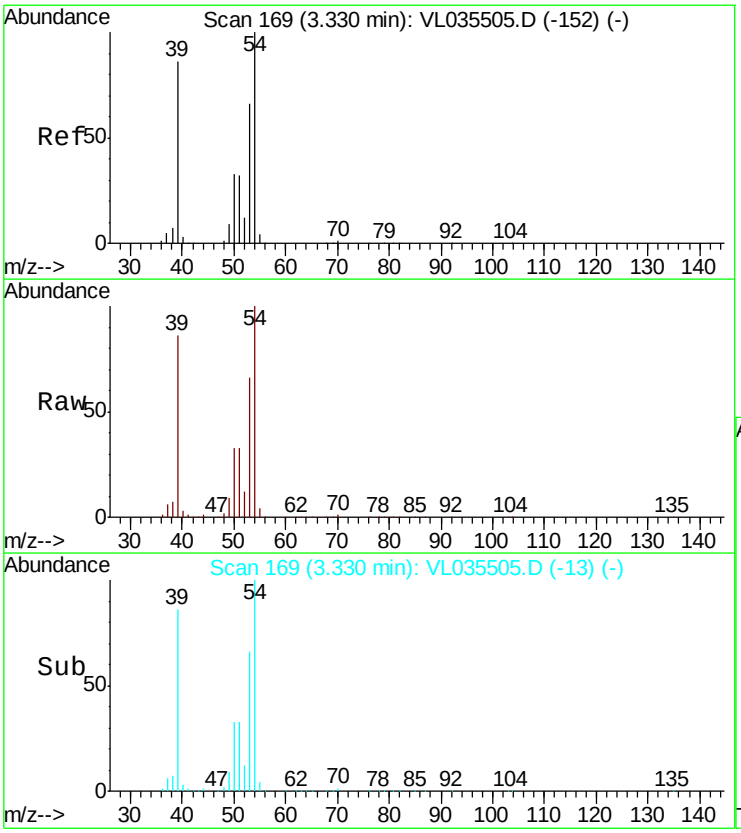
#15
Acetone
Concen: 9.222 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1071952

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.4	42.6

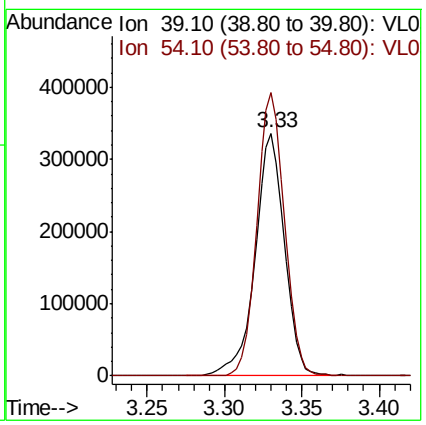


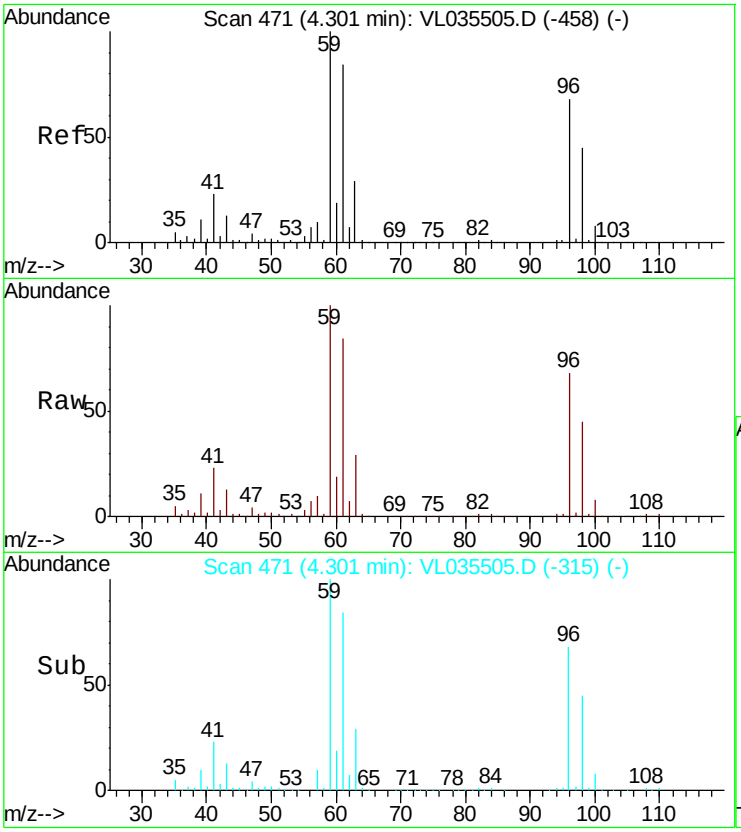


#16
1,3-Butadiene
Concen: 9.611 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 39 Resp: 443667

Ion	Ratio	Lower	Upper
39	100		
54	110.5	88.4	132.6



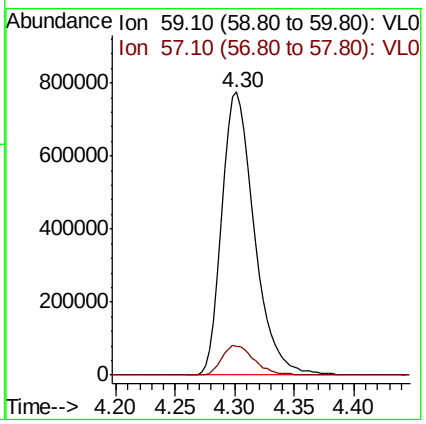


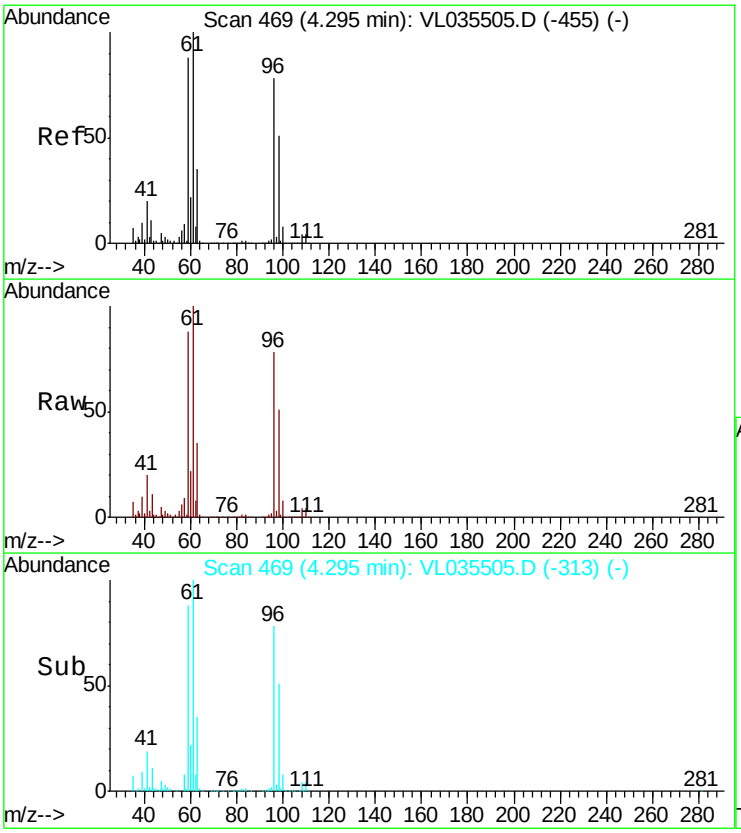
#17
tert-Butyl alcohol
Concen: 9.958 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 59 Resp: 1473076

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

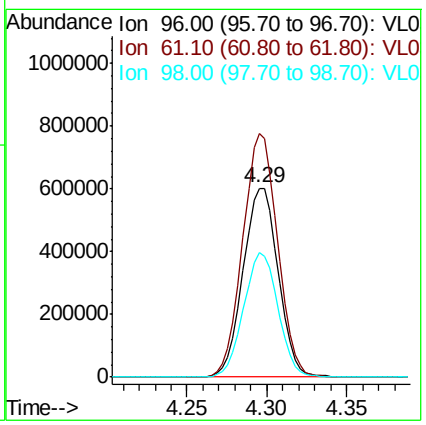


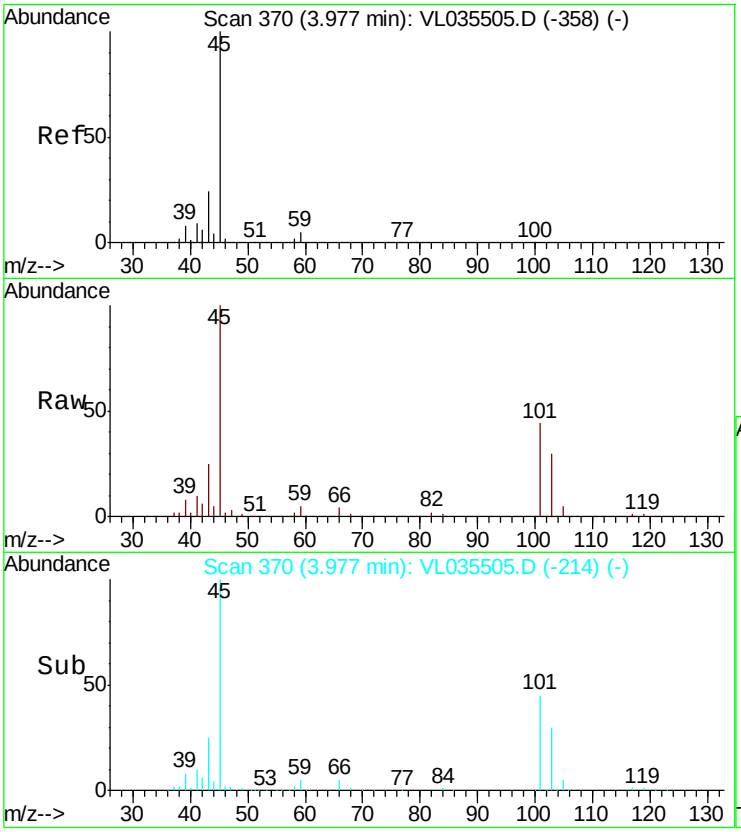


#18
1,1-Dichloroethene
Concen: 9.576 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 96 Resp: 904570

Ion	Ratio	Lower	Upper
96	100		
61	128.8	103.0	154.6
98	66.0	52.8	79.2



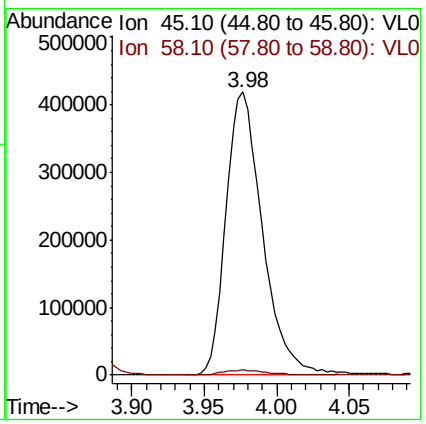


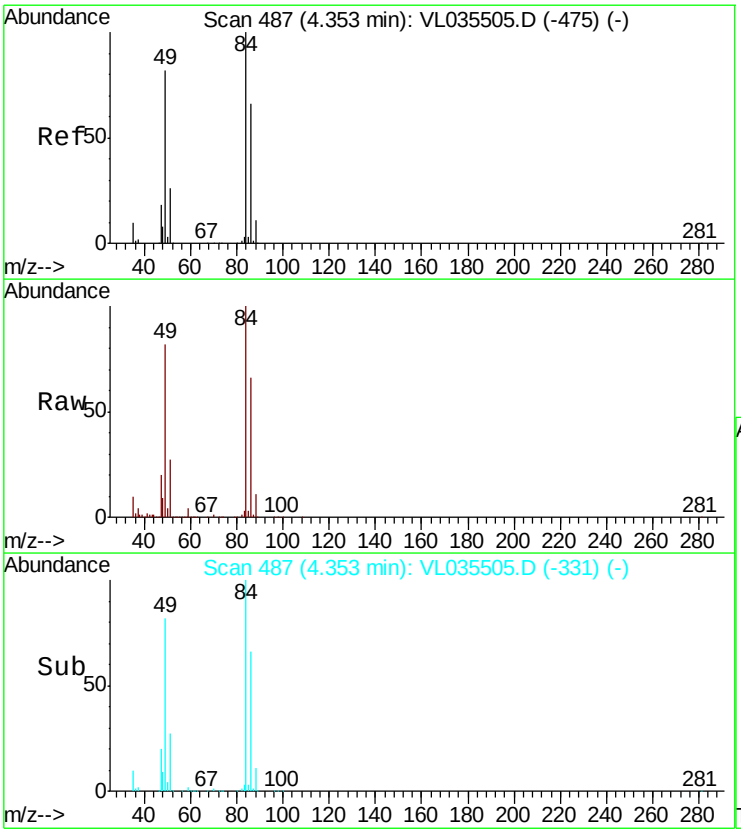
#19
Isopropyl Alcohol
Concen: 9.757 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 732931

Ion	Ratio	Lower	Upper
45	100		
58	2.1	2.0	3.0

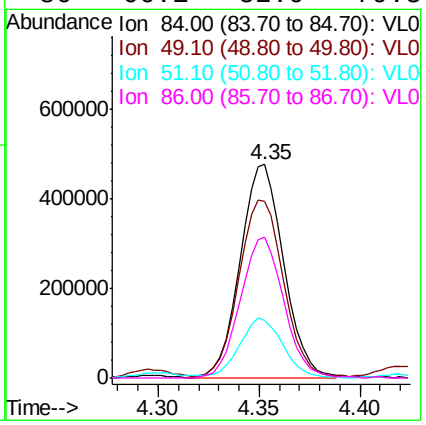


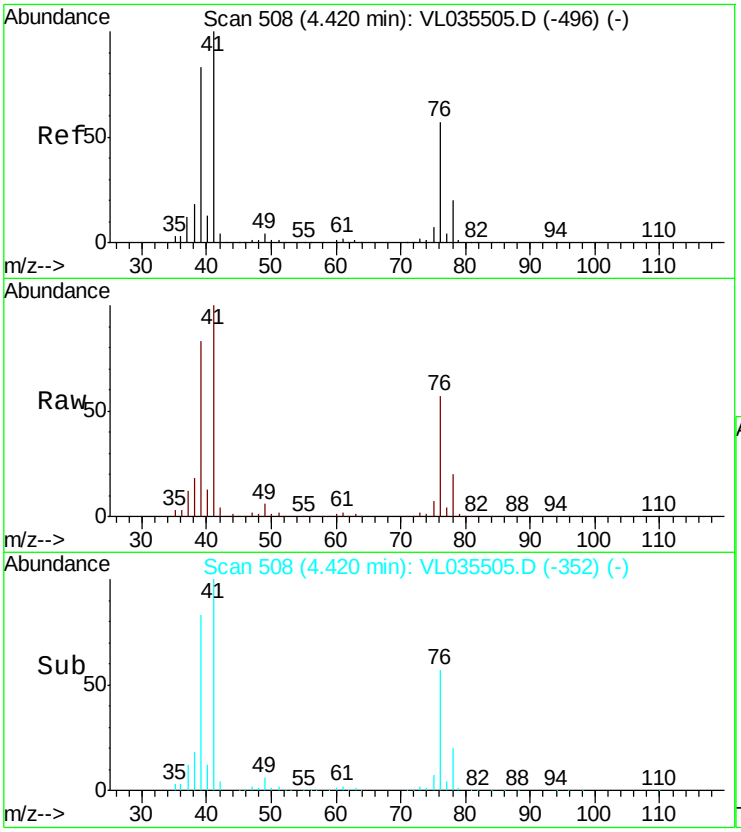


#20
Methylene Chloride
Concen: 5.785 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 84 Resp: 716852

Ion	Ratio	Lower	Upper
84	100		
49	81.7	65.4	98.0
51	26.9	21.5	32.3
86	66.1	52.9	79.3



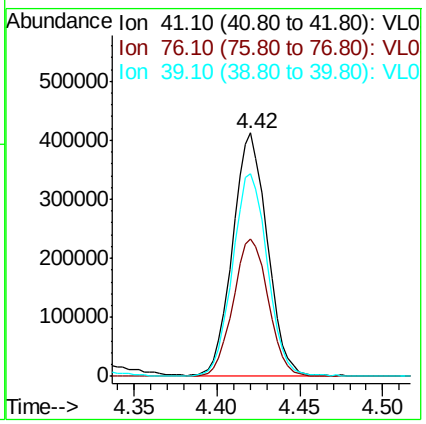


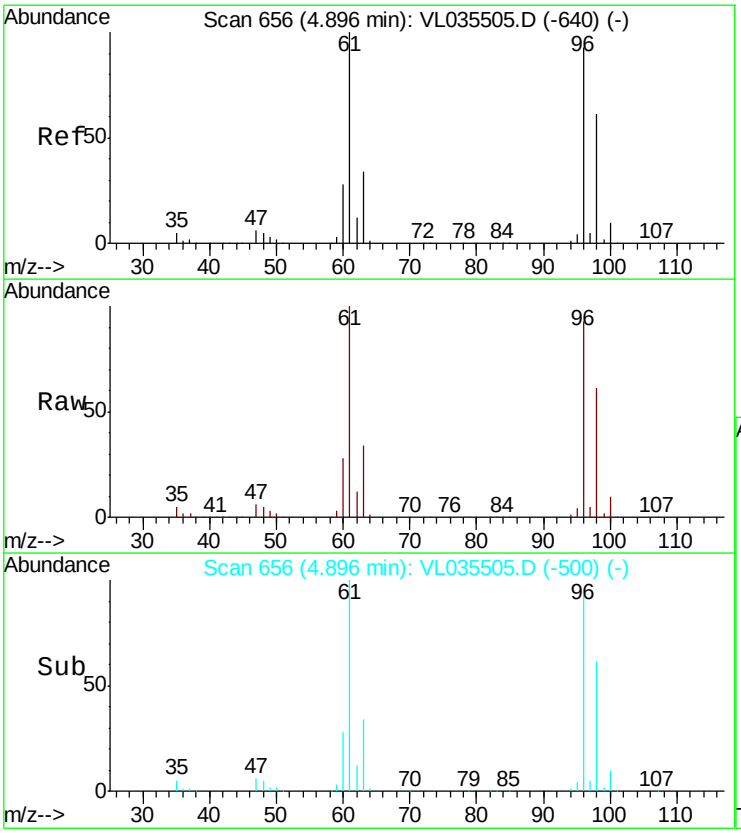
#21
Allyl Chloride
Concen: 10.169 ppbv
RT: 4.42 min Scan# 508
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 595927

Ion	Ratio	Lower	Upper
41	100		
76	57.7	46.2	69.2
39	84.7	67.8	101.6

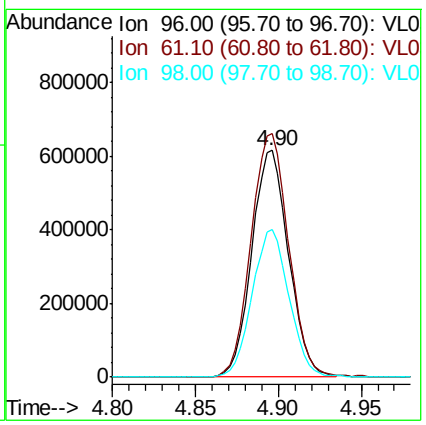


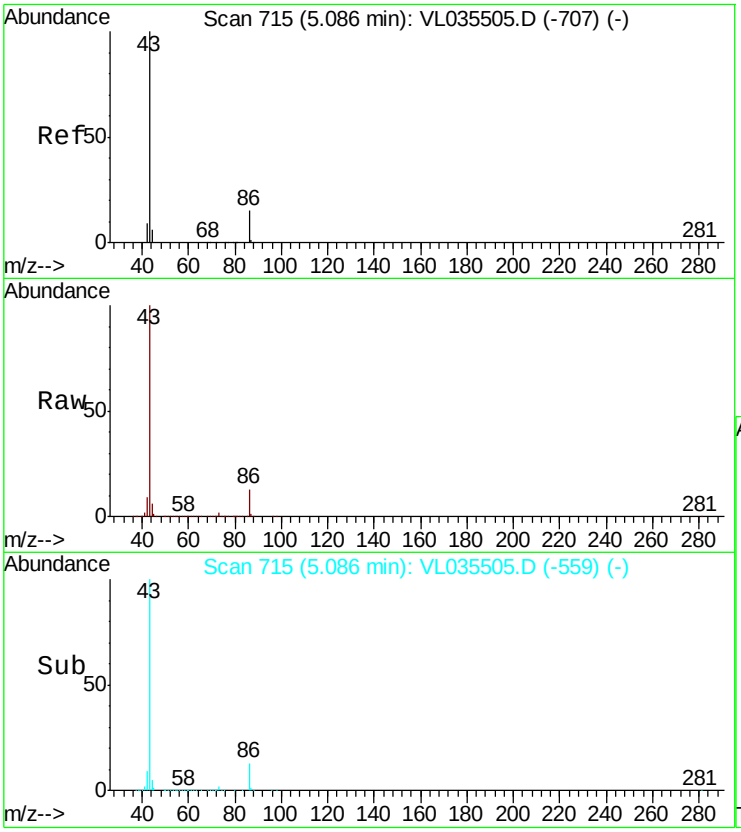


#22
trans-1,2-Dichloroethene
Concen: 9.504 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 96 Resp: 948234

Ion	Ratio	Lower	Upper
96	100		
61	107.5	86.0	129.0
98	65.4	52.3	78.5



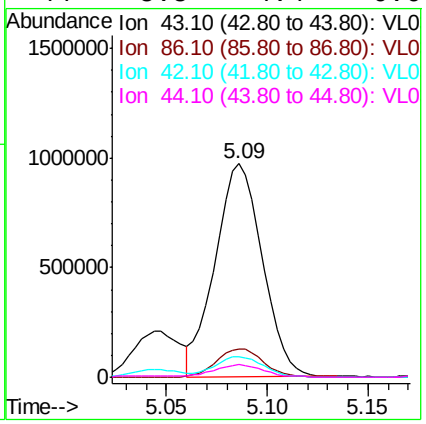


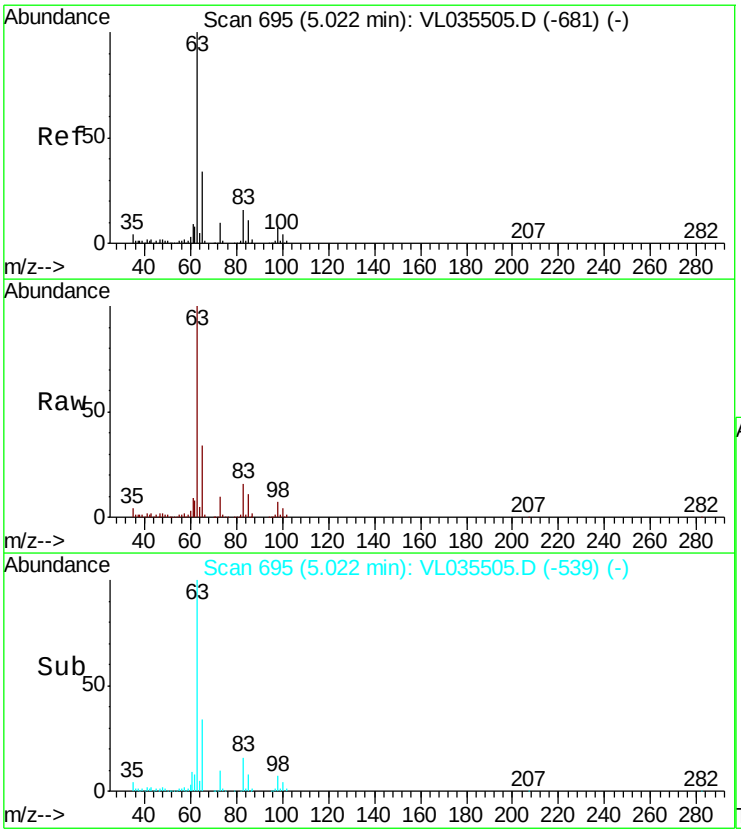
#23
Vinyl Acetate
Concen: 10.350 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1583203

Ion	Ratio	Lower	Upper
43	100		
86	13.3	10.6	16.0
42	9.4	7.5	11.3
44	5.5	4.4	6.6

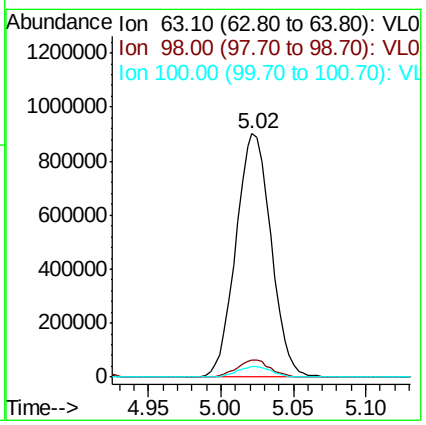


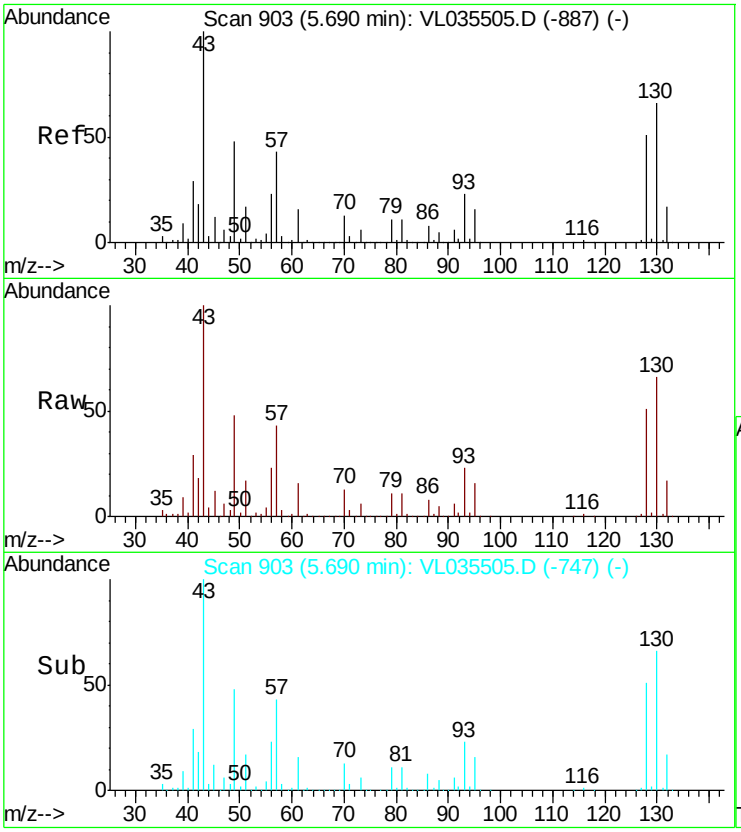


#24
1,1-Dichloroethane
Concen: 9.459 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 63 Resp: 1518185

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.3	2.1	6.5



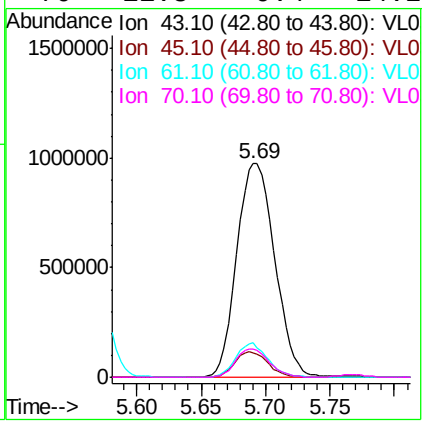


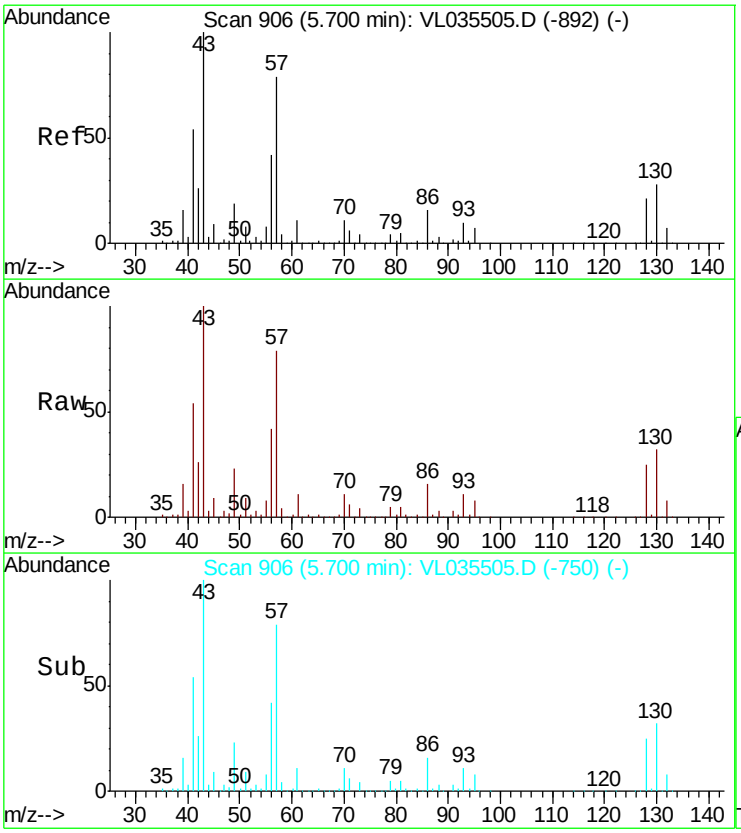
#25
Ethyl Acetate
Concen: 9.078 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1998587

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.4	12.6
61	13.6	10.6	16.0
70	11.8	9.4	14.2

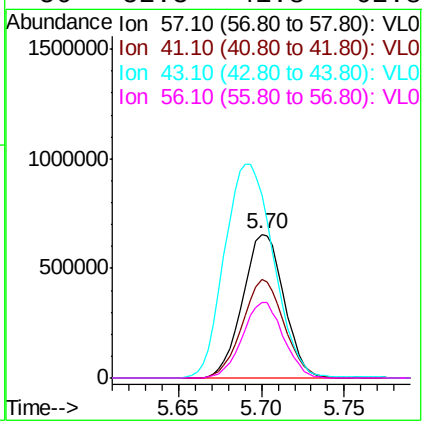


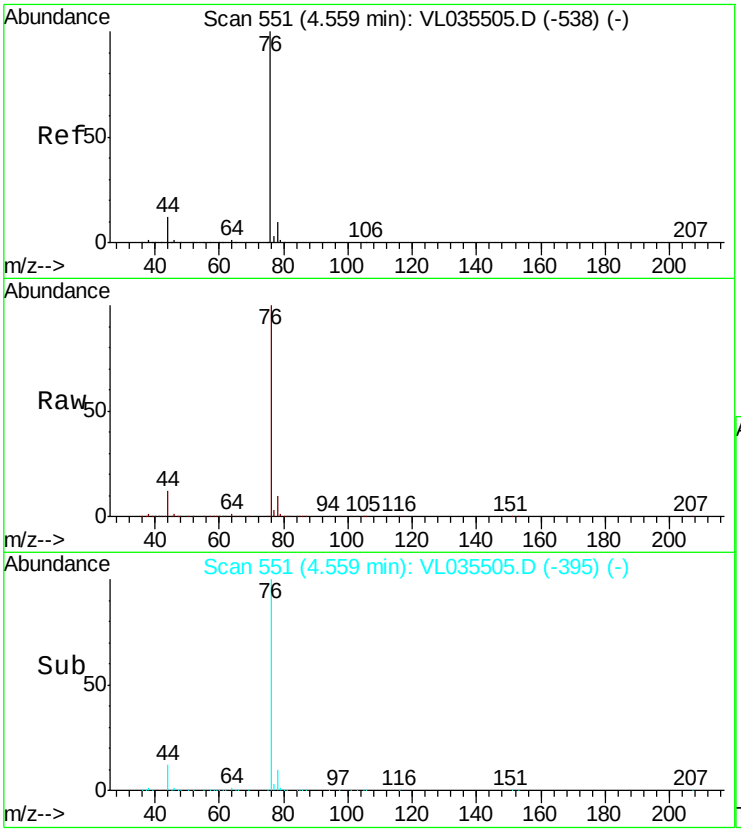


#26
Hexane
Concen: 8.457 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 57 Resp: 1132311

Ion	Ratio	Lower	Upper
57	100		
41	70.5	55.9	83.9
43	177.4	141.8	212.8
56	52.3	41.8	62.8



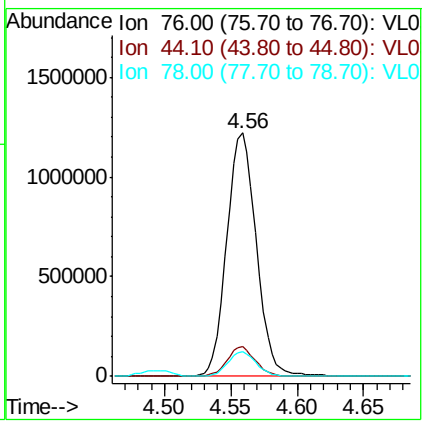


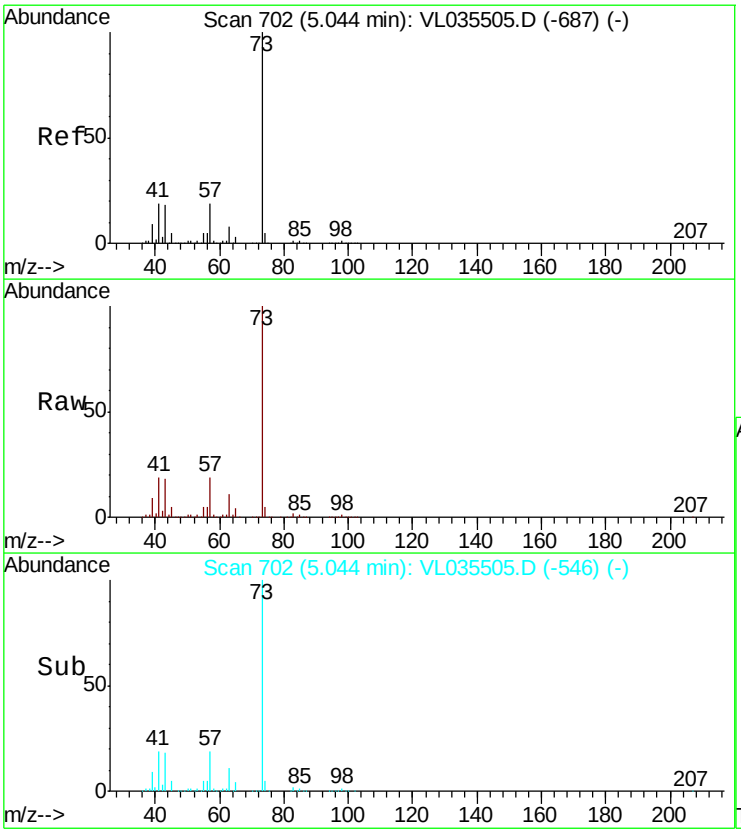
#27
Carbon Disulfide
Concen: 10.643 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 76 Resp: 1893632

Ion	Ratio	Lower	Upper
76	100		
44	11.5	9.3	13.9
78	9.8	7.8	11.6

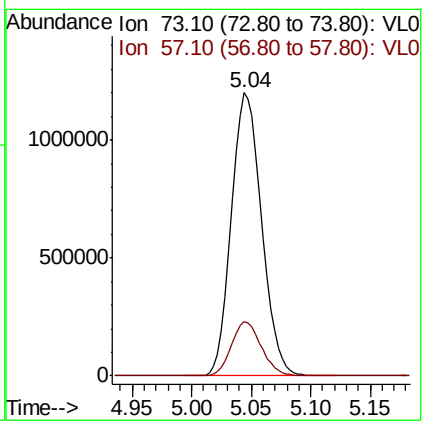


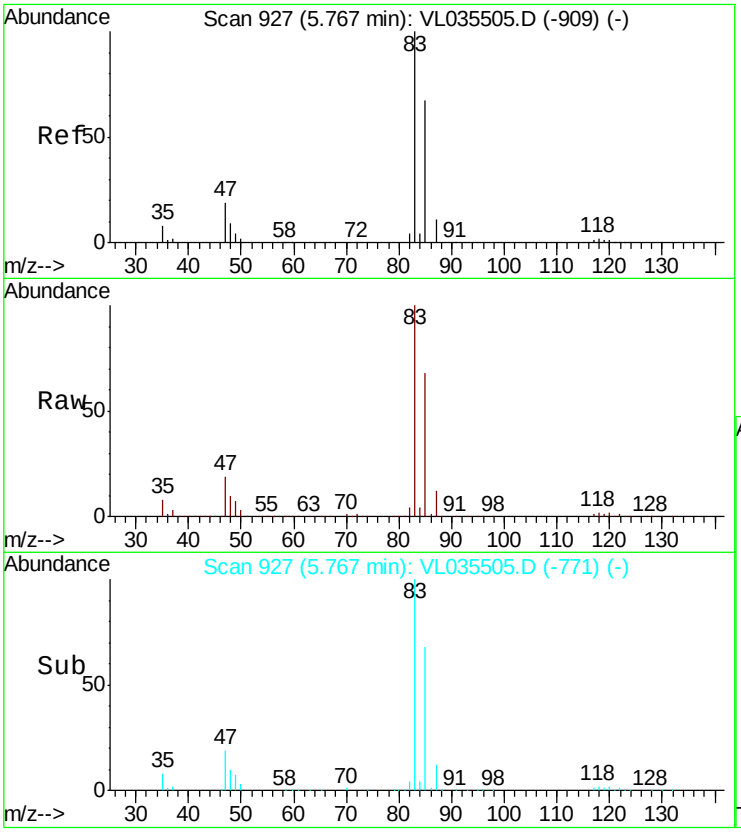


#28
Methyl tert-Butyl Ether
Concen: 9.768 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 73 Resp: 2121659

Ion	Ratio	Lower	Upper
73	100		
57	19.0	15.2	22.8



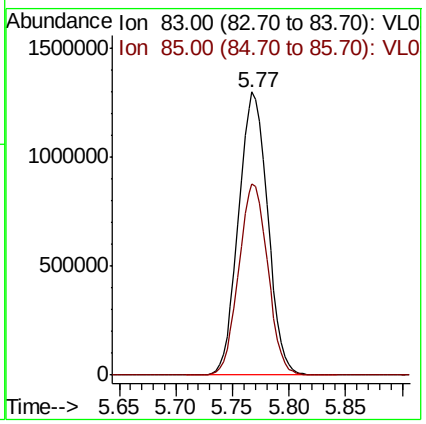


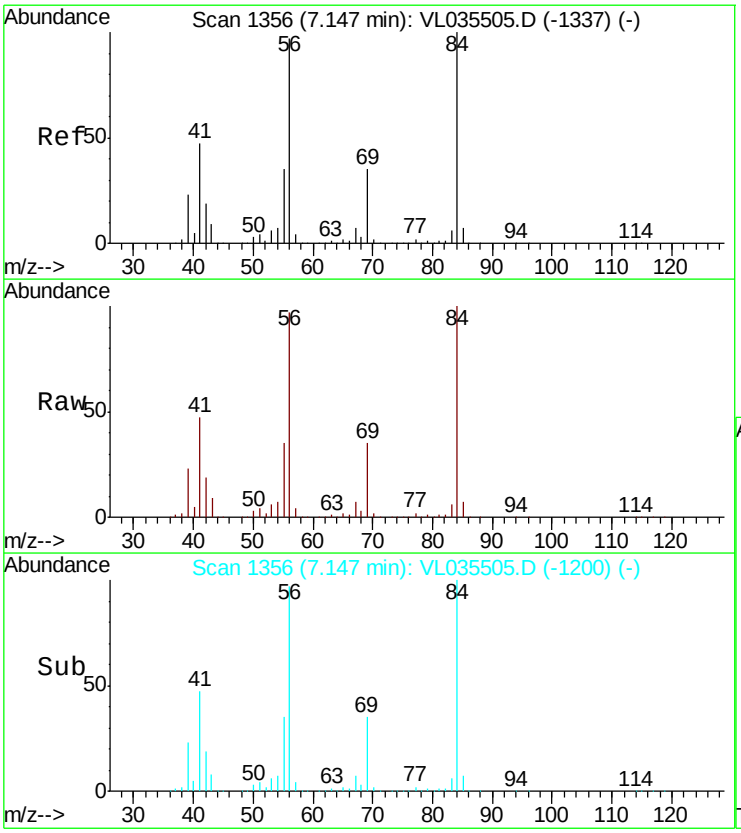
#29
Chloroform
Concen: 9.233 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2343427

Ion	Ratio	Lower	Upper
83	100		
85	67.4	53.9	80.9

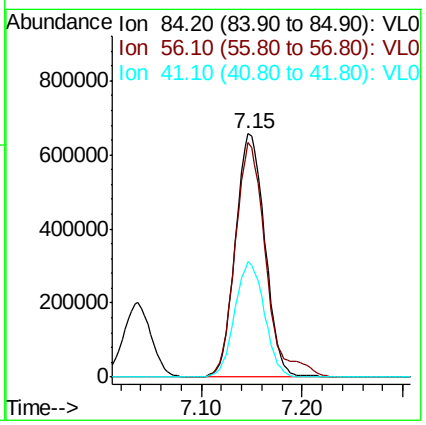


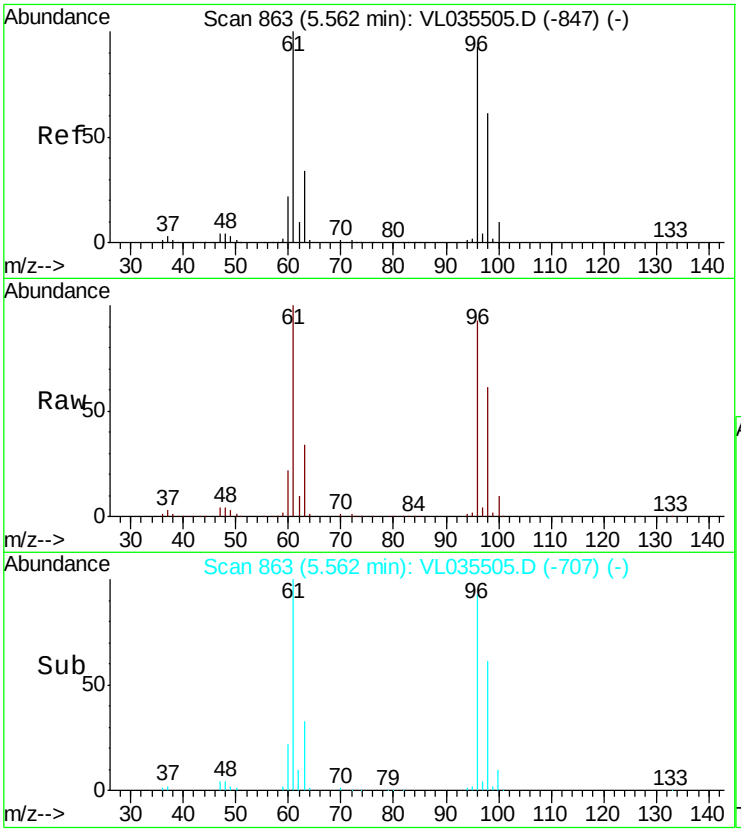


#30
Cyclohexane
Concen: 9.922 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 84 Resp: 1333301

Ion	Ratio	Lower	Upper
84	100		
56	100.2	80.1	120.1
41	47.4	38.1	57.1



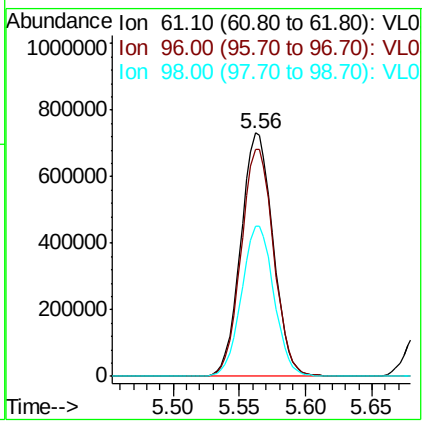


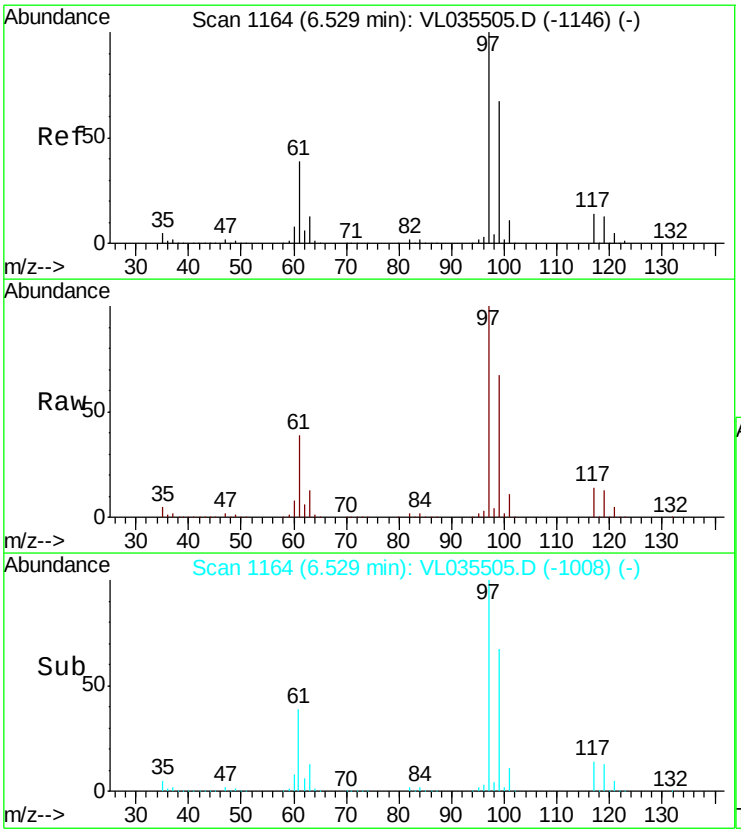
#31
cis-1,2-Dichloroethene
Concen: 9.800 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1238845

Ion	Ratio	Lower	Upper
61	100		
96	93.0	74.4	111.6
98	61.5	49.2	73.8

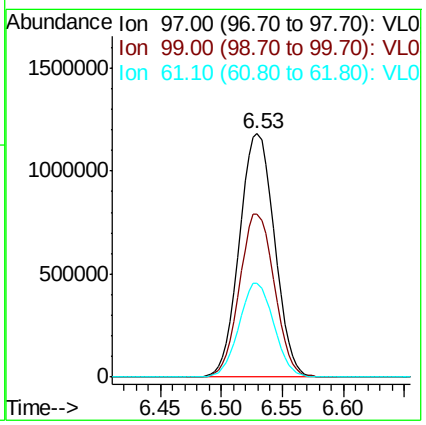


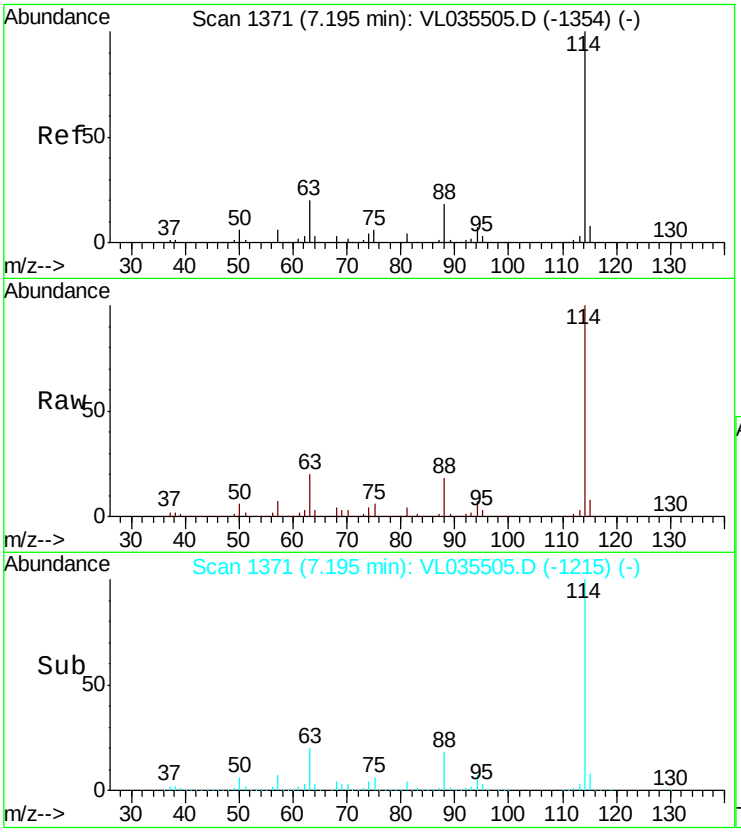


#32
1,1,1-Trichloroethane
Concen: 10.125 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 97 Resp: 2346070

Ion	Ratio	Lower	Upper
97	100		
99	66.6	53.3	79.9
61	38.3	30.6	46.0



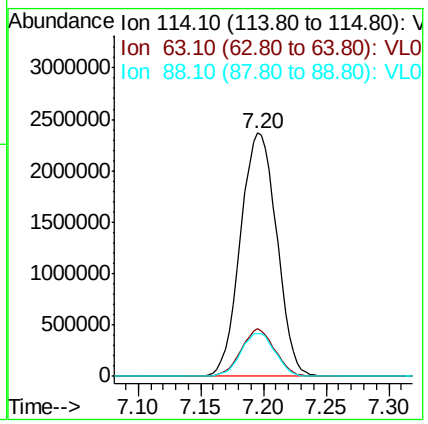


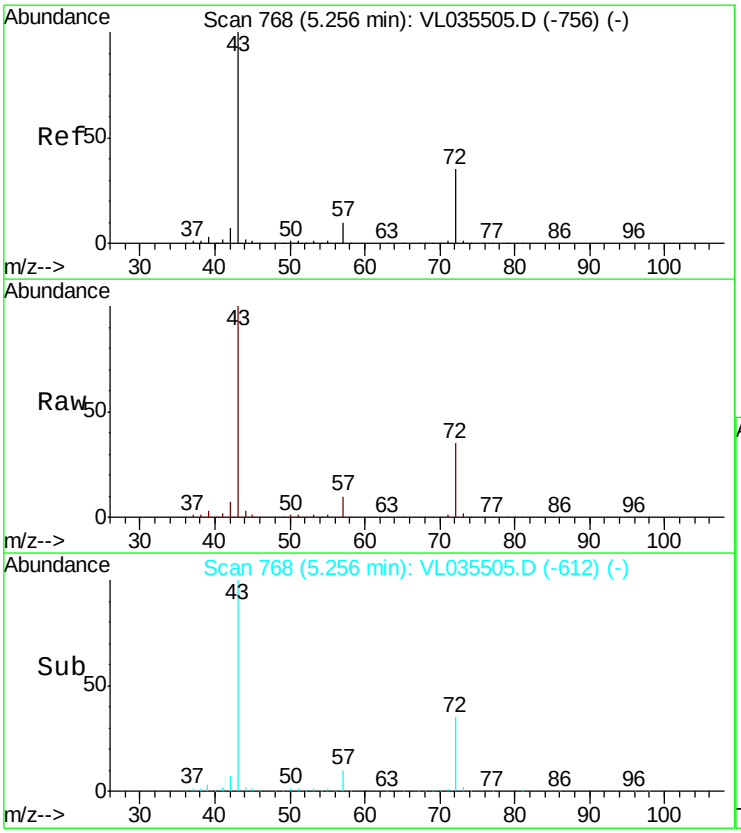
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 4765920

Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.7	22.1
88	16.8	13.4	20.2

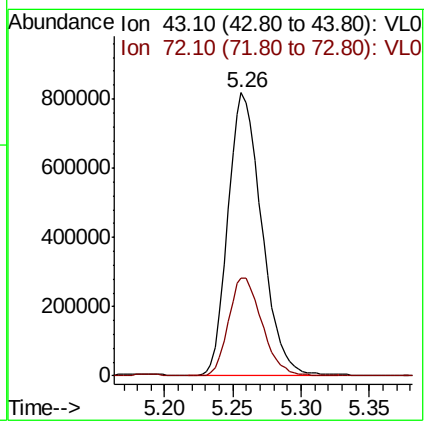


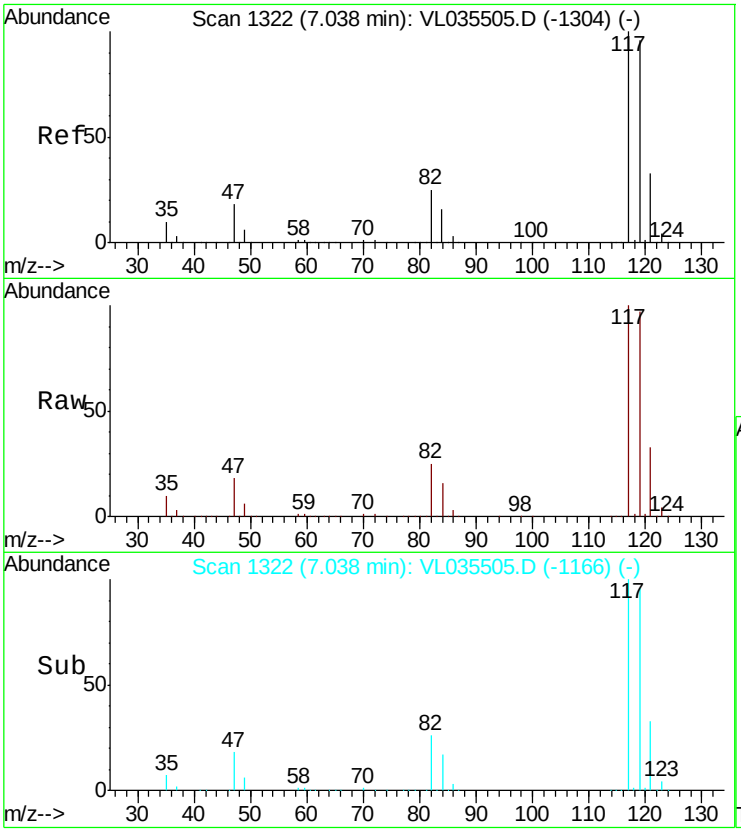


#34
2-Butanone
Concen: 9.963 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 43 Resp: 1403596

Ion	Ratio	Lower	Upper
43	100		
72	34.6	27.7	41.5



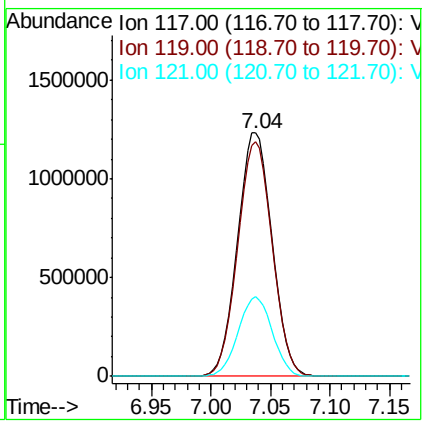


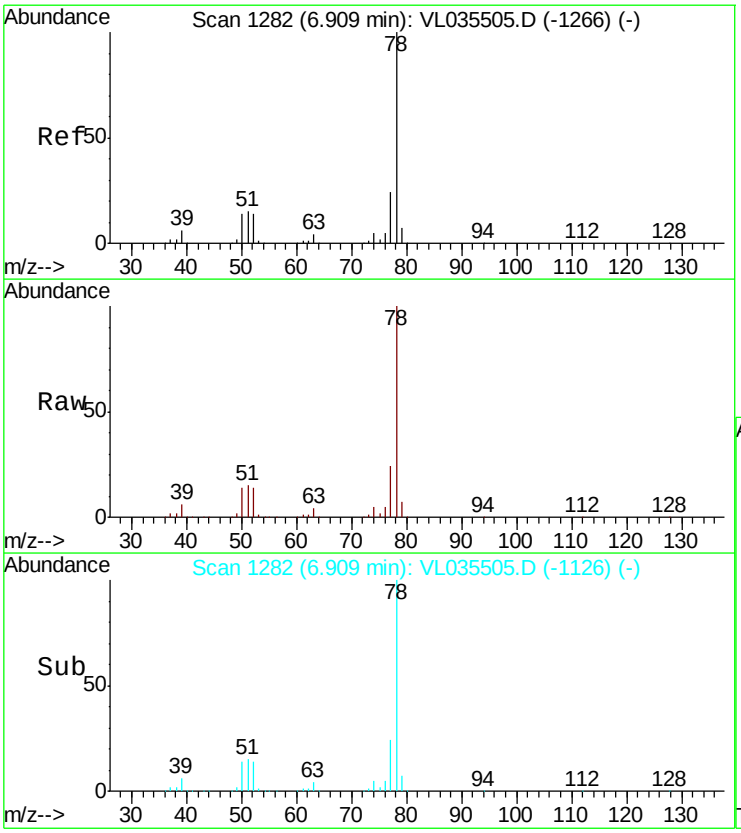
#35
Carbon Tetrachloride
Concen: 10.718 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2485493

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	32.6	26.1	39.1

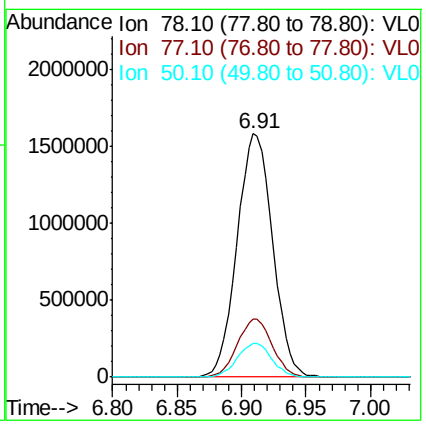


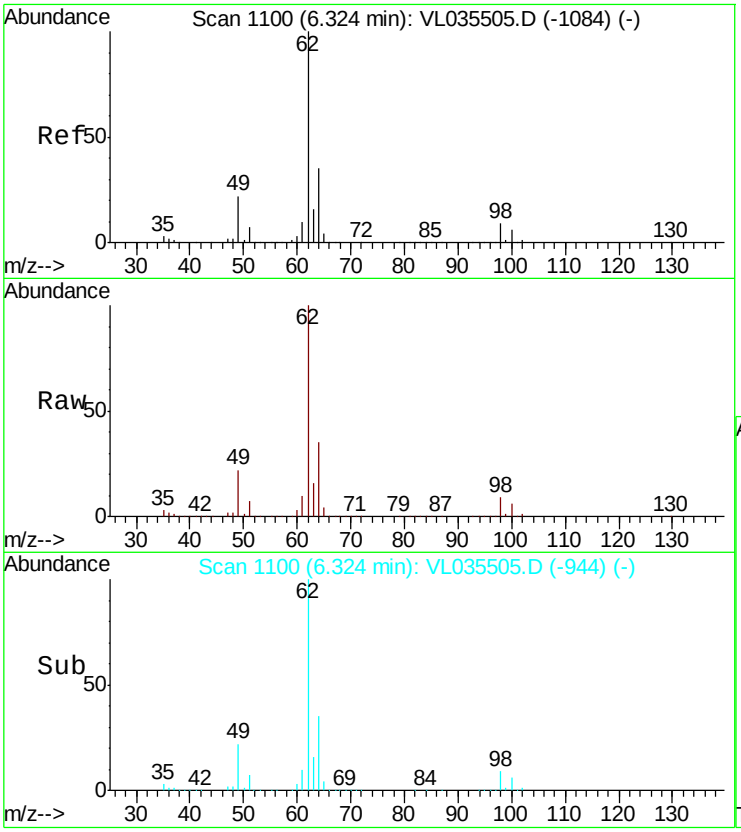


#36
Benzene
Concen: 9.682 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 78 Resp: 3035695

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9
50	13.8	11.0	16.6



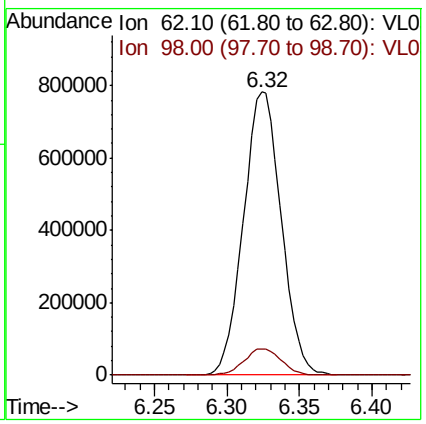


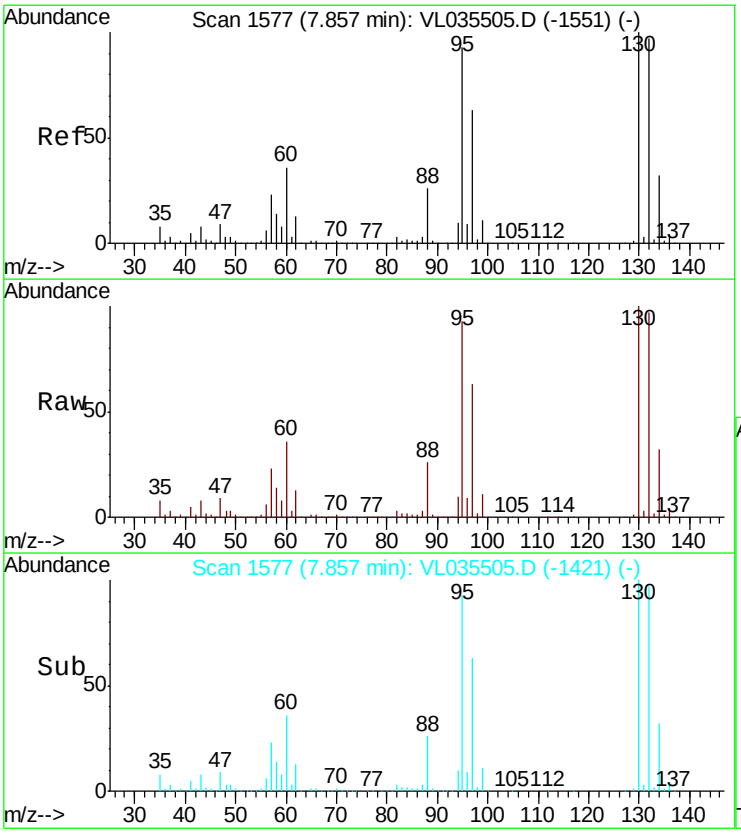
#37
1,2-Dichloroethane
Concen: 9.572 ppbv
RT: 6.32 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1421184

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.0

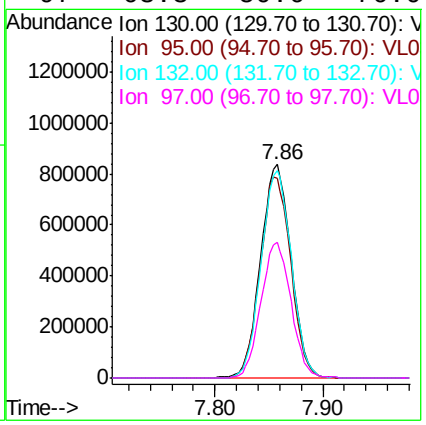


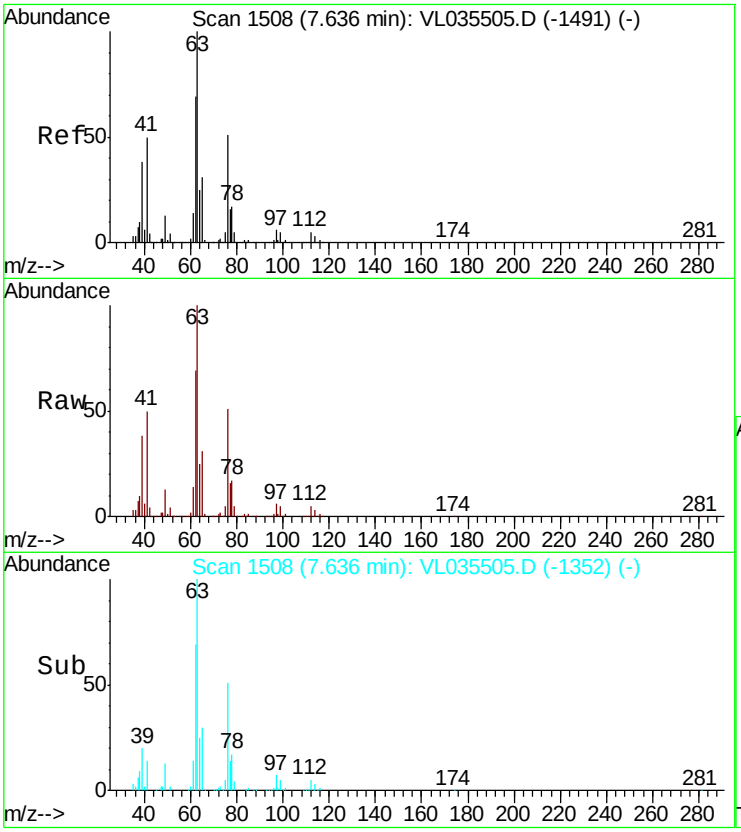


#38
Trichloroethene
Concen: 9.455 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:130 Resp: 1637917

Ion	Ratio	Lower	Upper
130	100		
95	93.3	74.6	112.0
132	97.0	77.6	116.4
97	63.3	50.6	76.0



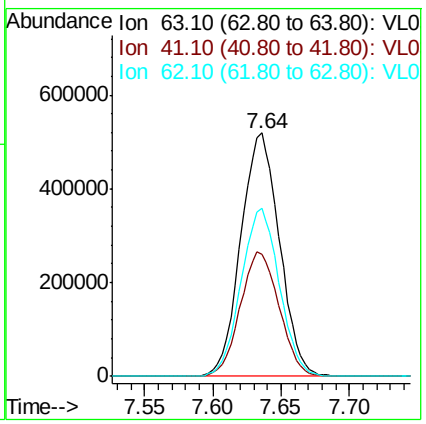


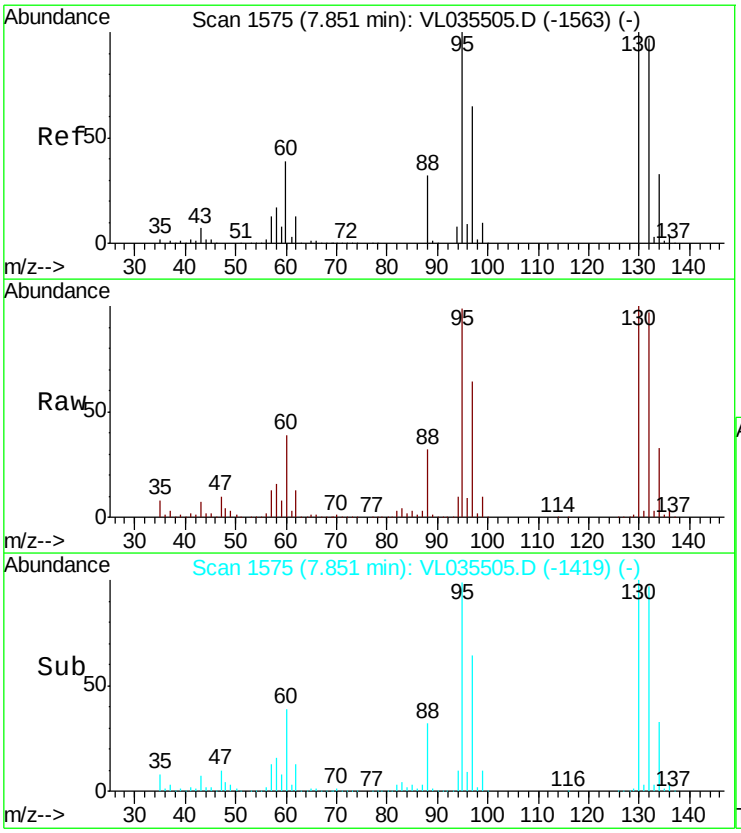
#39
1,2-Dichloropropane
Concen: 9.715 ppbv
RT: 7.64 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 1019833

Ion	Ratio	Lower	Upper
63	100		
41	50.0	40.0	60.0
62	69.2	55.4	83.0

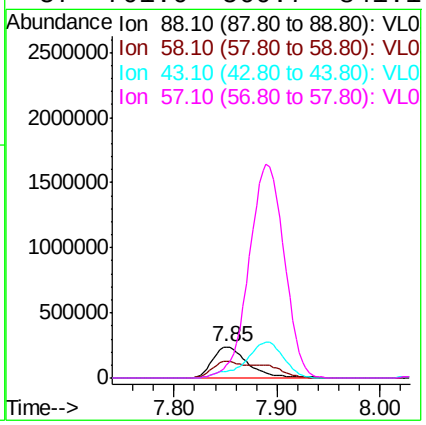


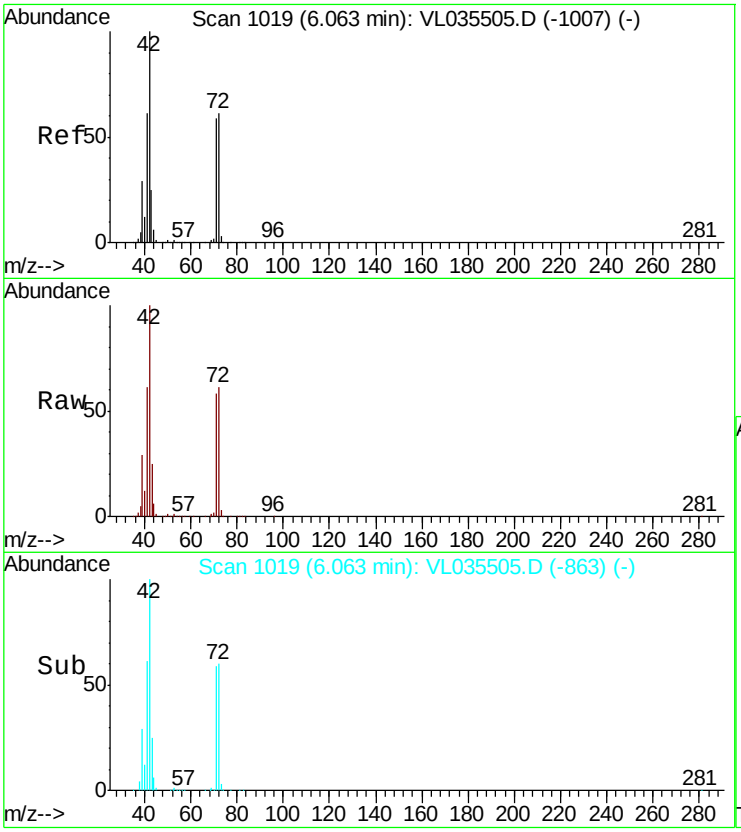


#40
1,4-Dioxane
Concen: 10.772 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 88 Resp: 556984

Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.7	103.1
43	131.2	104.3	156.5
57	701.0	560.7	841.1



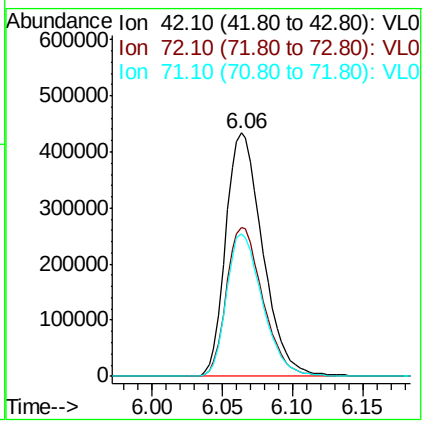


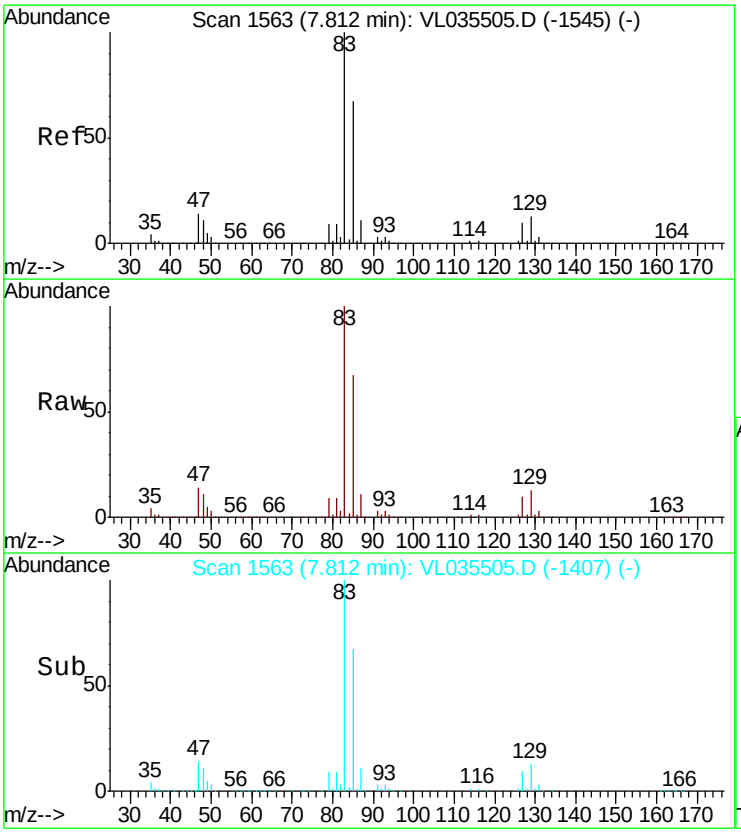
#41
Tetrahydrofuran
Concen: 10.403 ppbv
RT: 6.06 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 42 Resp: 794168

Ion	Ratio	Lower	Upper
42	100		
72	60.8	48.6	73.0
71	57.6	46.1	69.1

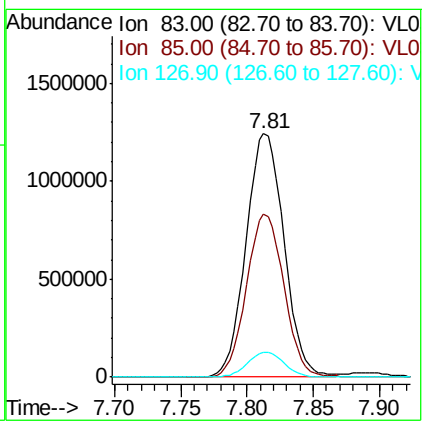


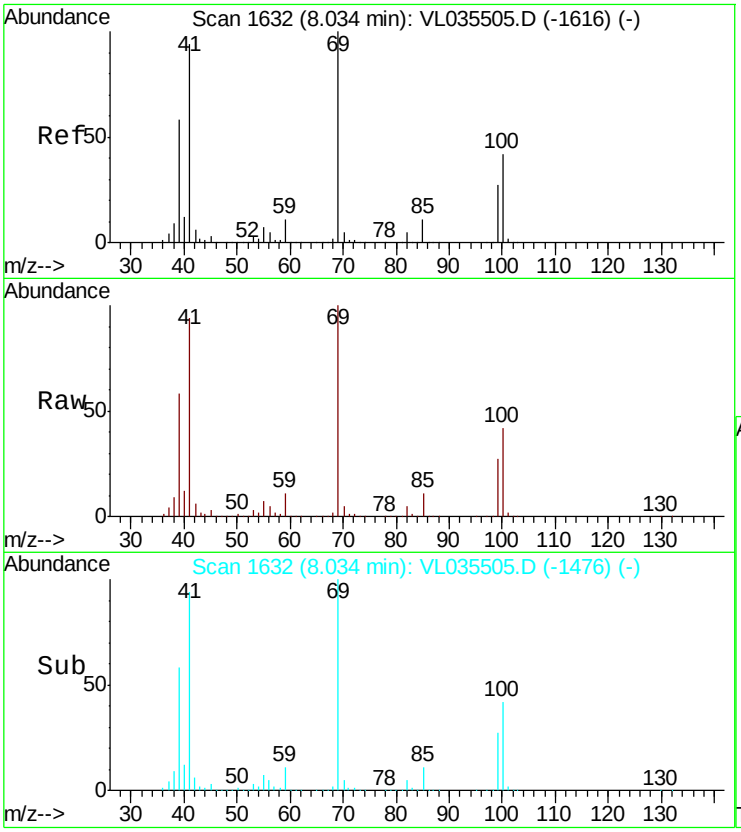


#42
Bromodichloromethane
Concen: 10.248 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 83 Resp: 2484612

Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.7	80.5
127	10.1	8.1	12.1



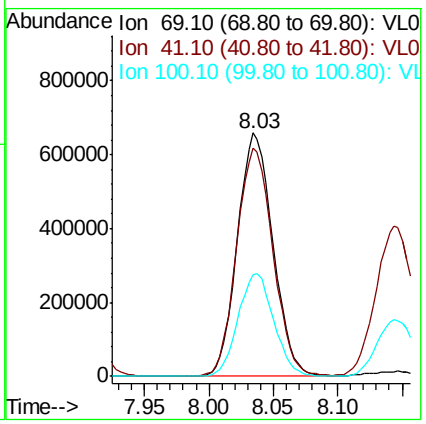


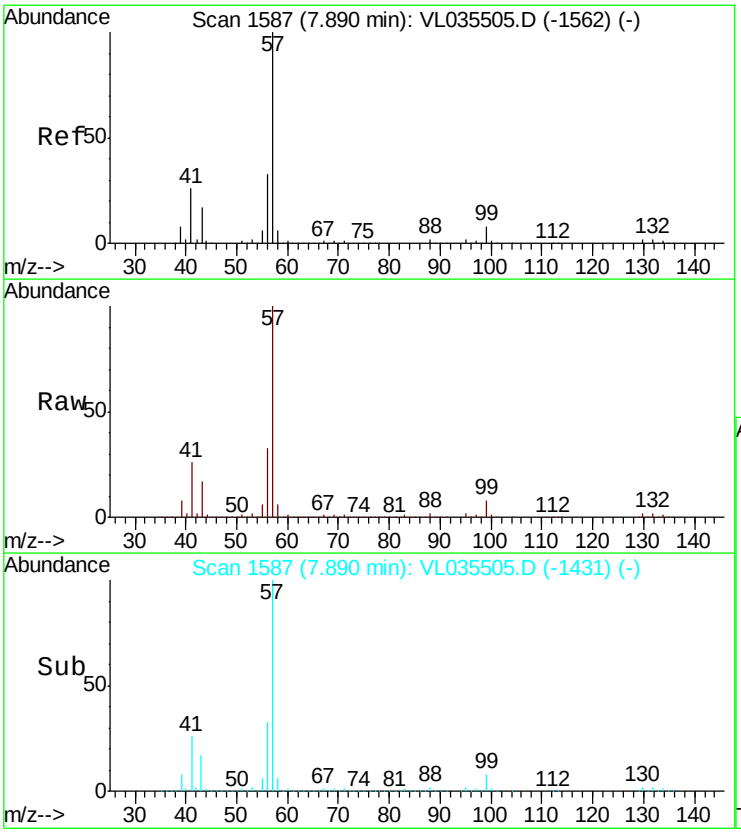
#43
Methyl Methacrylate
Concen: 10.428 ppbv
RT: 8.03 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 1266004

Ion	Ratio	Lower	Upper
69	100		
41	95.8	76.6	114.8
100	42.2	33.8	50.6

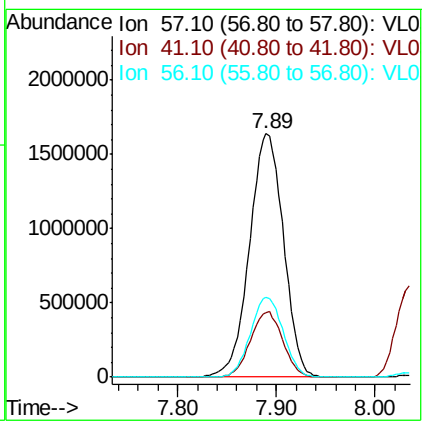


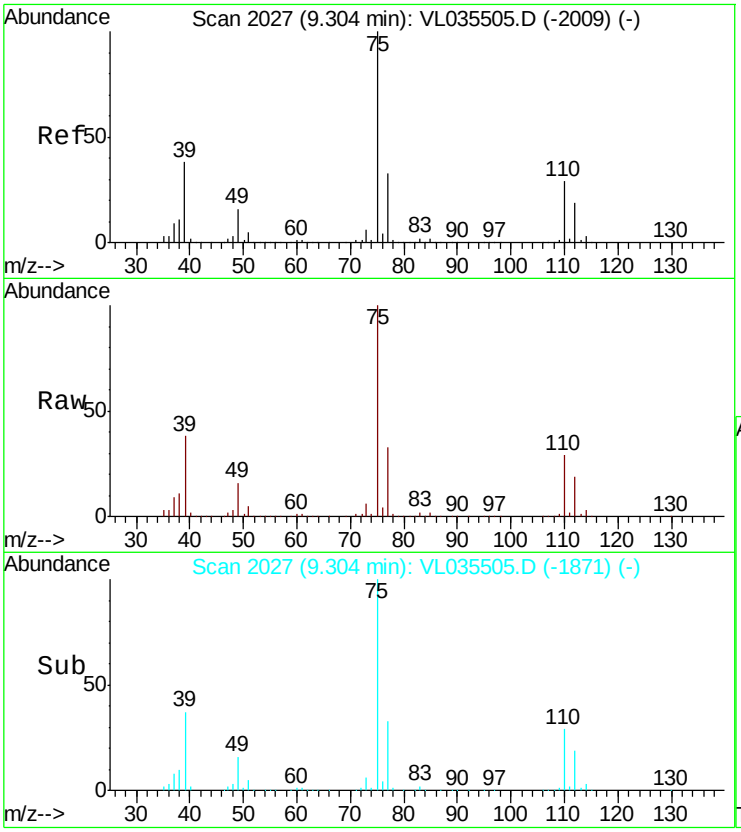


#44
2,2,4-Trimethylpentane
Concen: 9.496 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 57 Resp: 3899942

Ion	Ratio	Lower	Upper
57	100		
41	25.7	20.5	30.7
56	31.6	25.3	37.9



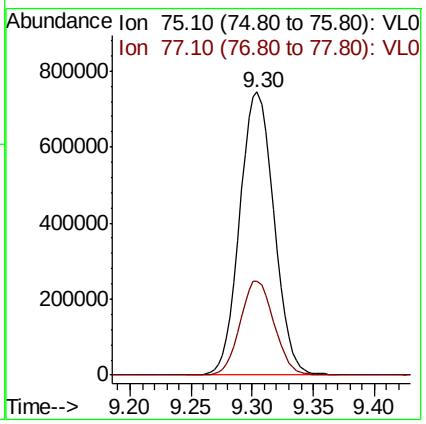


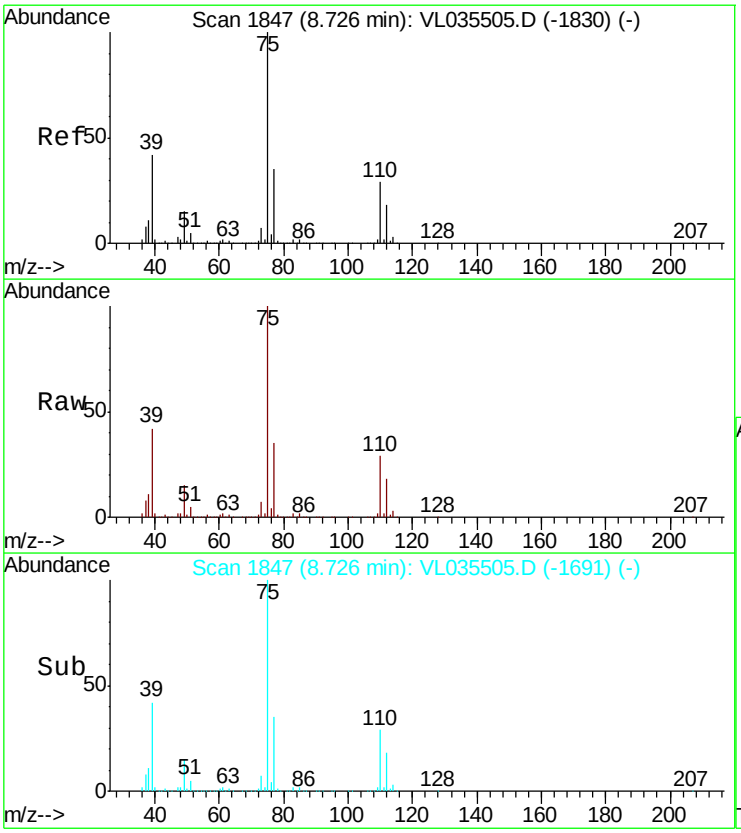
#45
t-1,3-Dichloropropene
Concen: 11.620 ppbv
RT: 9.30 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 75 Resp: 1443079

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7

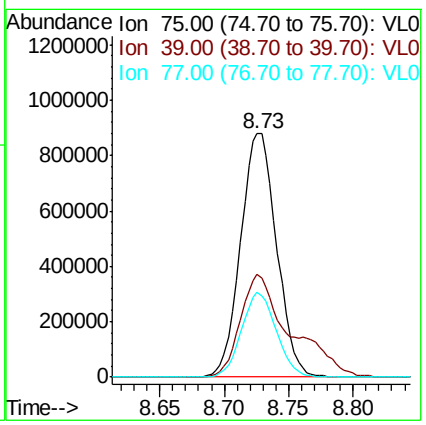


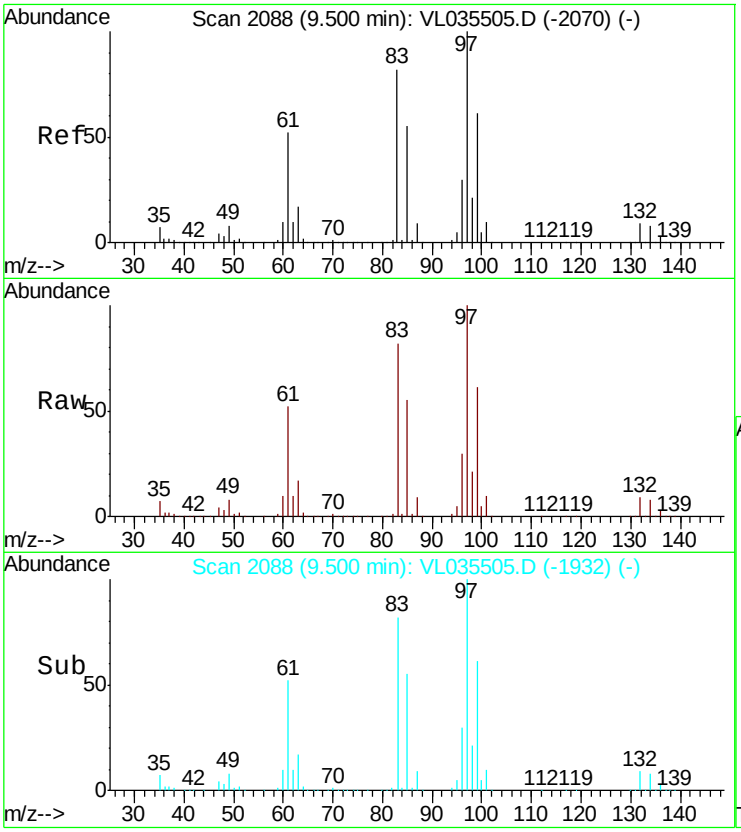


#46
cis-1,3-Dichloropropene
Concen: 11.091 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 75 Resp: 1707066

Ion	Ratio	Lower	Upper
75	100		
39	42.1	33.7	50.5
77	34.7	27.8	41.6



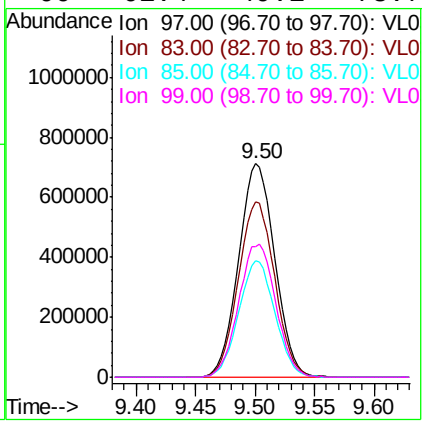


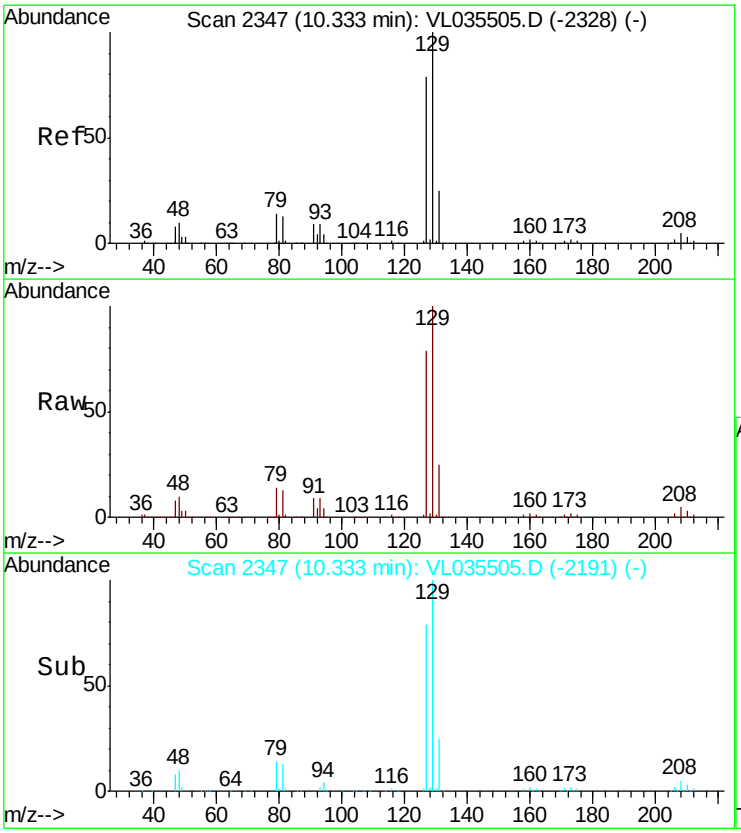
#47
1,1,2-Trichloroethane
Concen: 9.601 ppbv
RT: 9.50 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1506566

Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.4	98.2
85	54.6	43.7	65.5
99	61.4	49.1	73.7

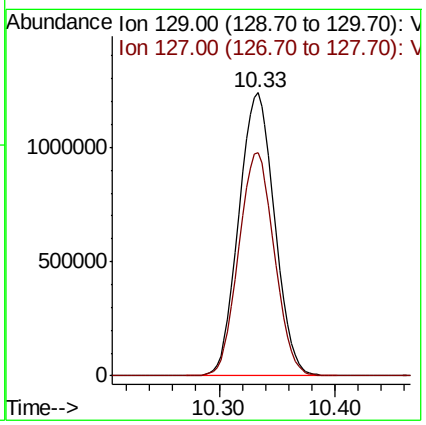


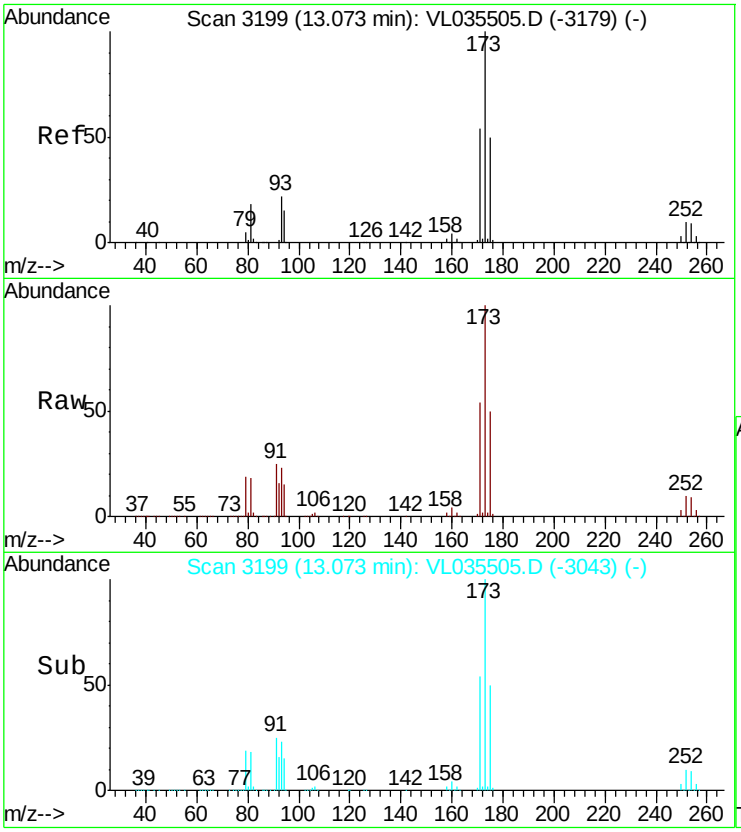


#48
Dibromochloromethane
Concen: 10.704 ppbv
RT: 10.33 min Scan# 2347
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:129 Resp: 2666832

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.3	117.8



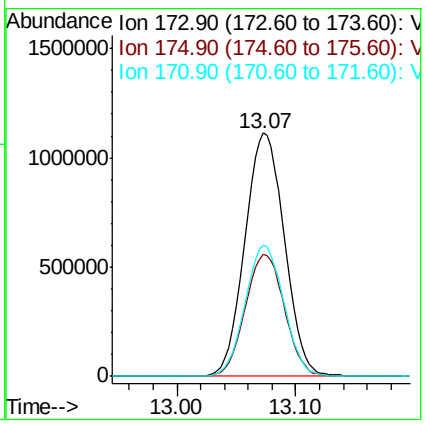


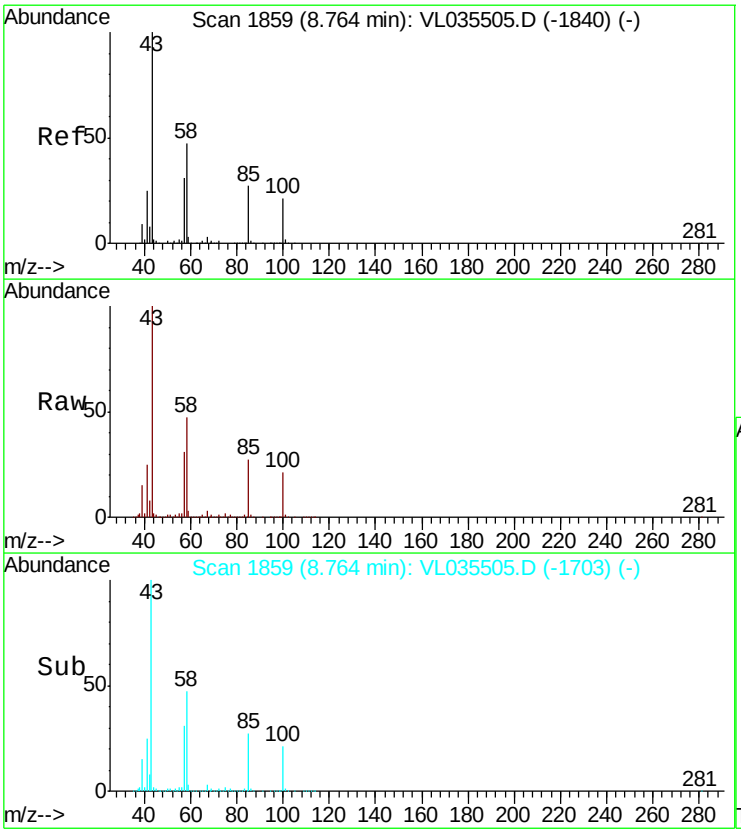
#49
Bromoform
Concen: 11.097 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 2561828

Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.8	59.8
171	53.0	42.4	63.6

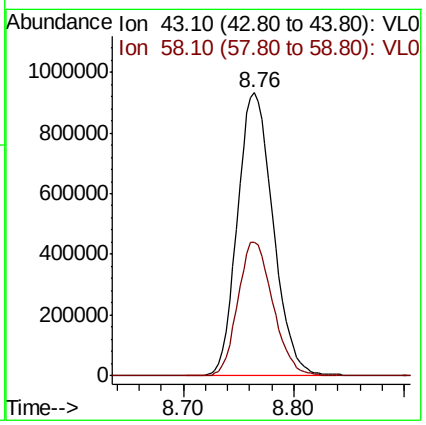


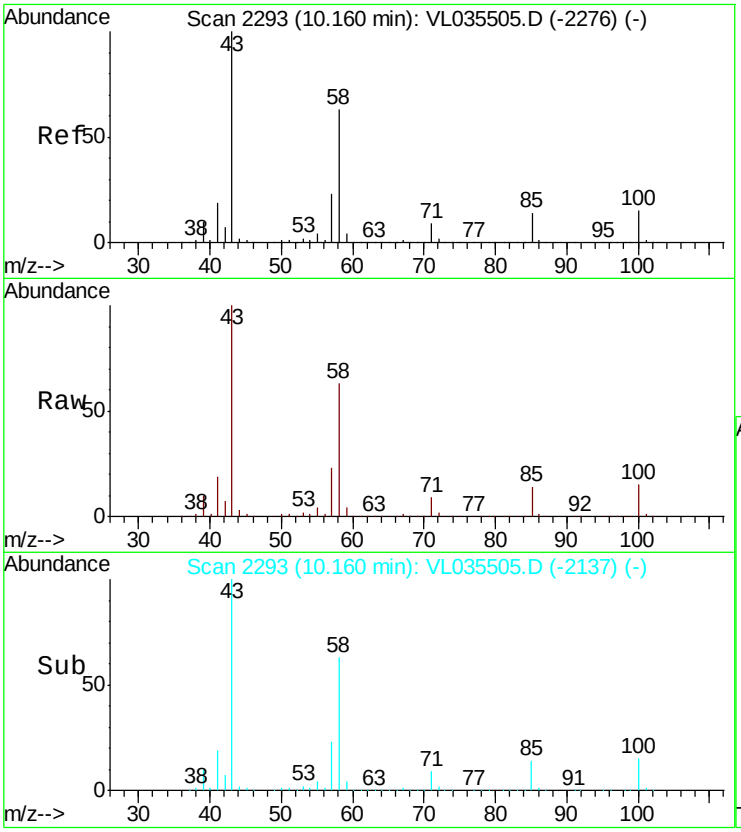


#50
4-Methyl-2-Pentanone
Concen: 10.291 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 43 Resp: 2088756

Ion	Ratio	Lower	Upper
43	100		
58	46.6	37.4	56.0



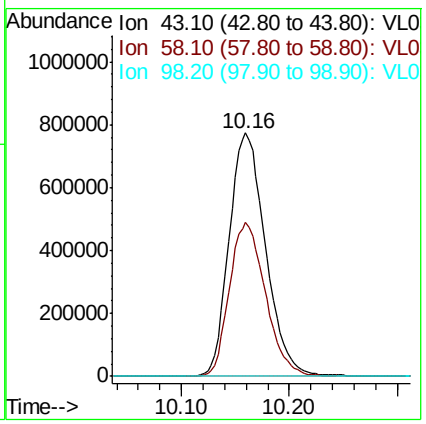


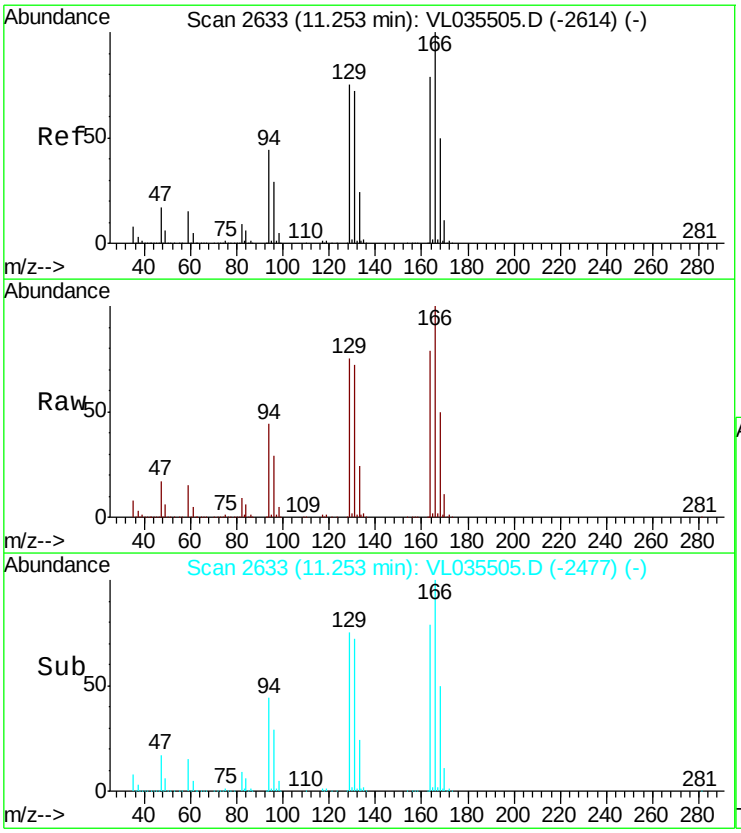
#51
2-Hexanone
Concen: 10.914 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1815643

Ion	Ratio	Lower	Upper
43	100		
58	62.8	50.2	75.4
98	0.5	0.4	0.6

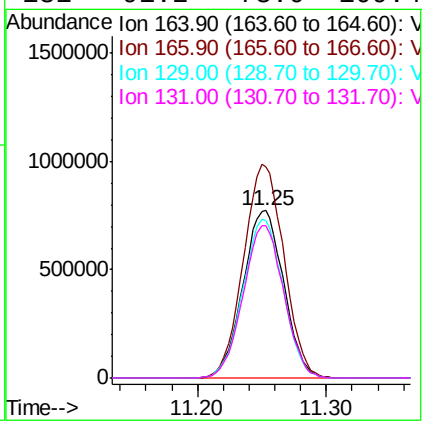


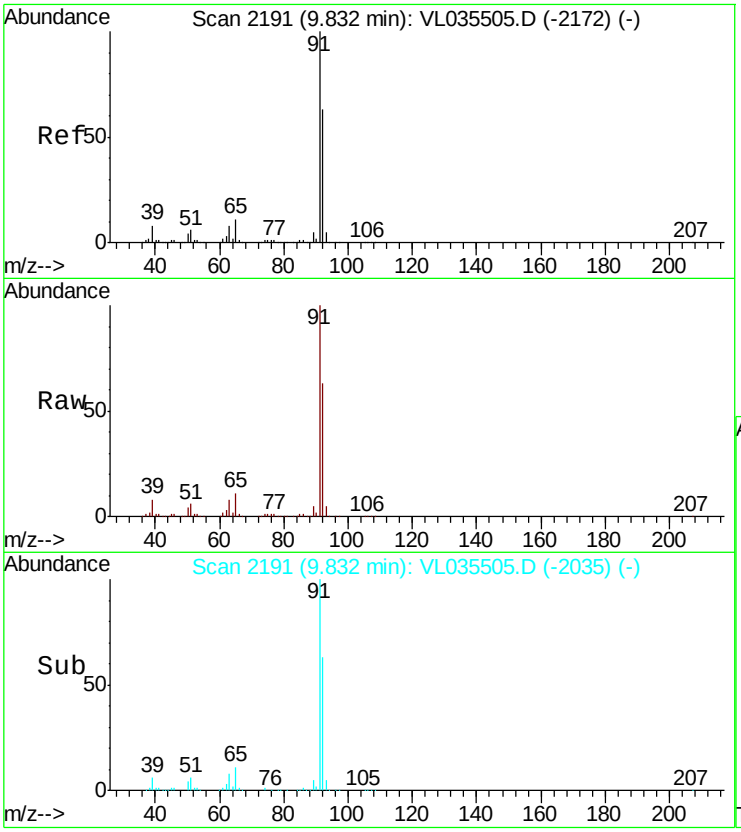


#52
Tetrachloroethene
Concen: 9.340 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:164 Resp: 1699866

Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.9	151.3
129	94.1	75.3	112.9
131	91.2	73.0	109.4



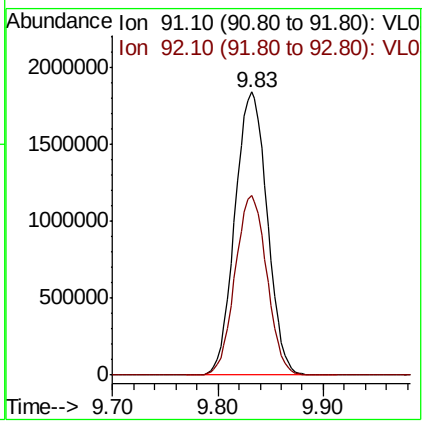


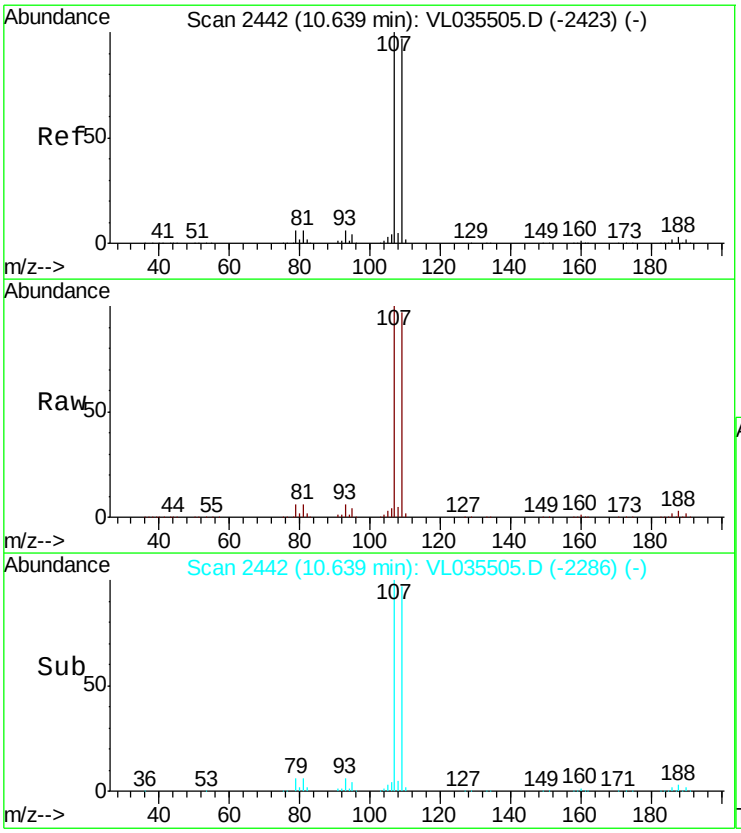
#53
Toluene
Concen: 9.853 ppbv
RT: 9.83 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3909244

Ion	Ratio	Lower	Upper
91	100		
92	62.3	49.8	74.8

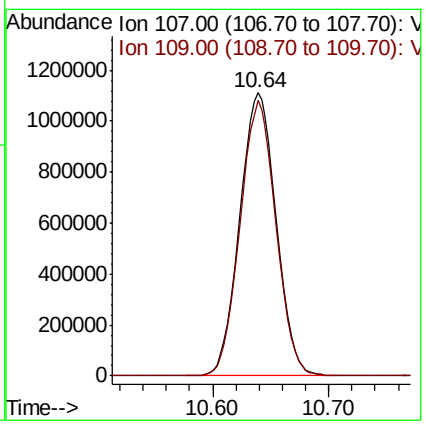


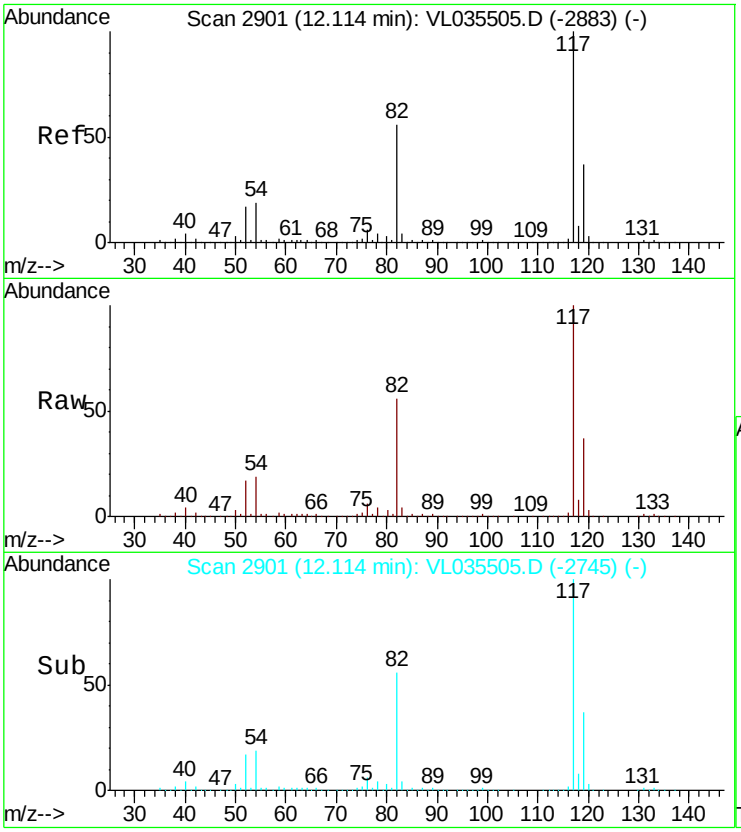


#54
1,2-Dibromoethane
Concen: 9.726 ppbv
RT: 10.64 min Scan# 2442
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:107 Resp: 2422223

Ion	Ratio	Lower	Upper
107	100		
109	97.3	77.8	116.8



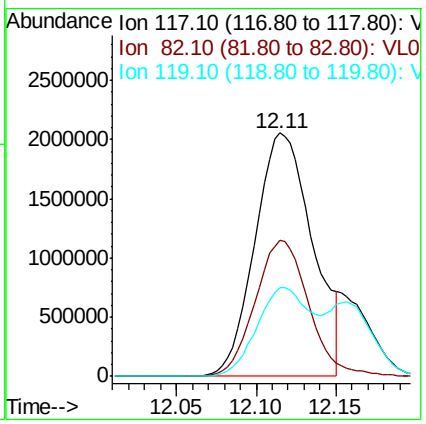


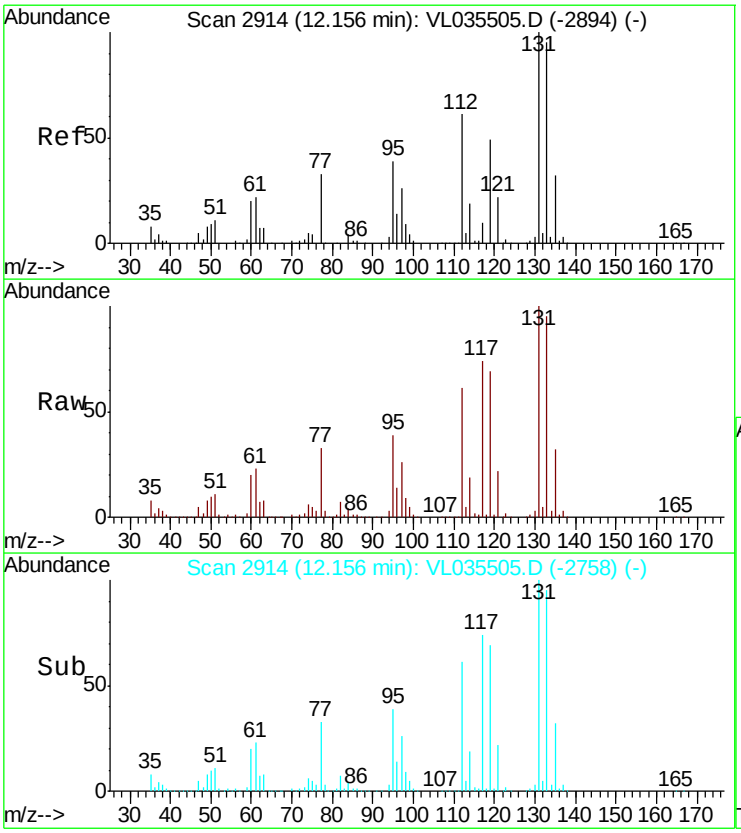
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 5123509

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.6	62.4
119	32.7	29.3	43.9

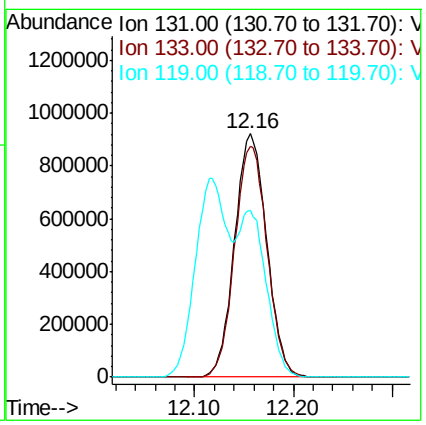


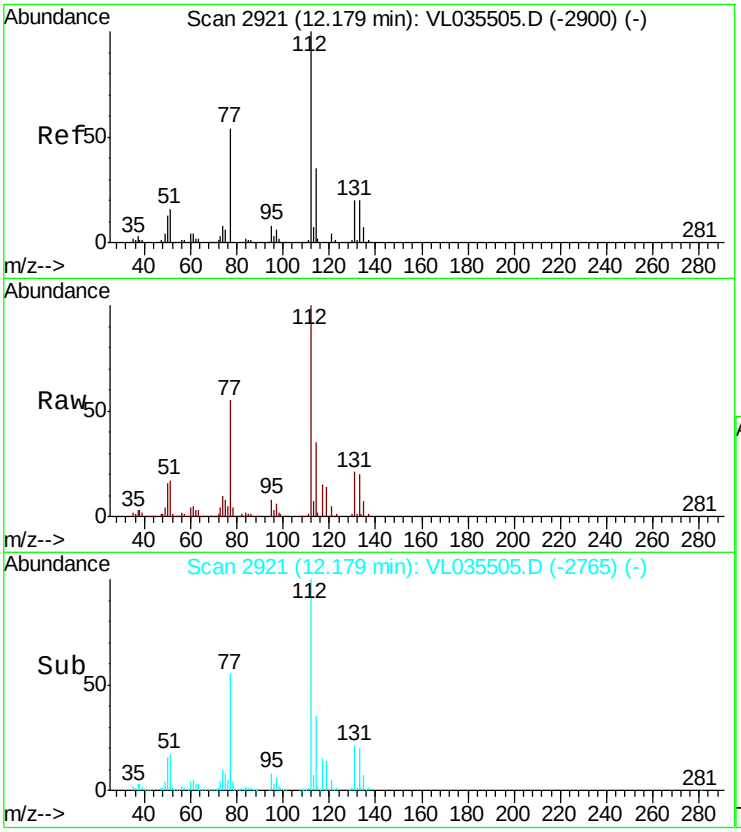


#56
1,1,1,2-Tetrachloroethane
Concen: 9.719 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:131 Resp: 2079375

Ion	Ratio	Lower	Upper
131	100		
133	95.7	76.6	115.0
119	59.6	51.6	77.4



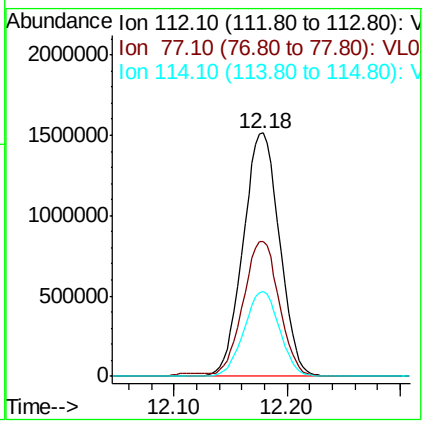


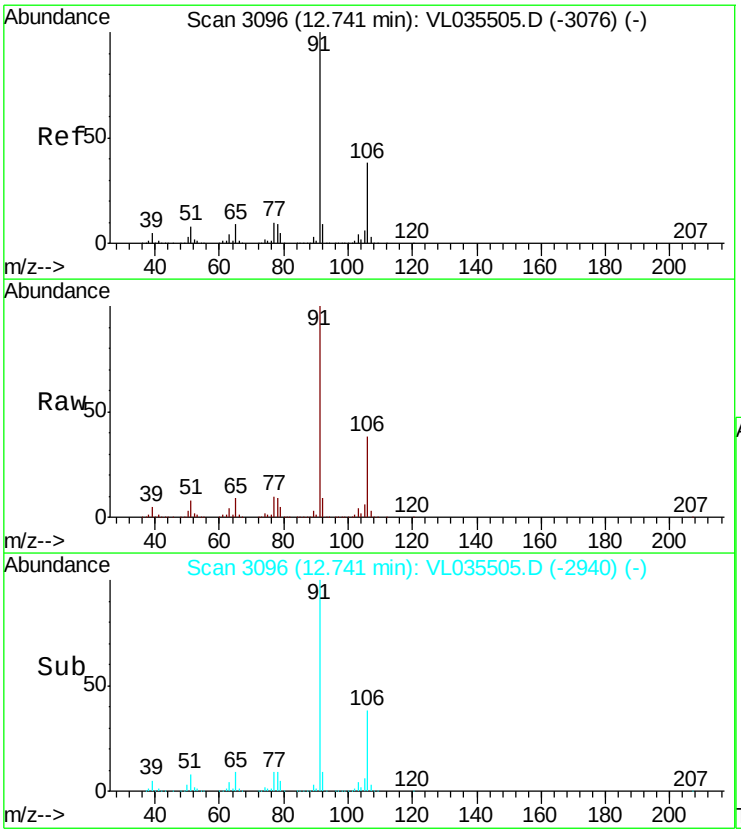
#57
Chlorobenzene
Concen: 8.903 ppbv
RT: 12.18 min Scan# 2921
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 3392555

Ion	Ratio	Lower	Upper
112	100		
77	55.3	44.2	66.4
114	35.1	31.6	38.6

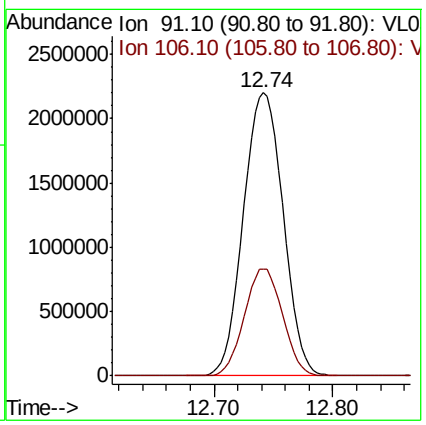


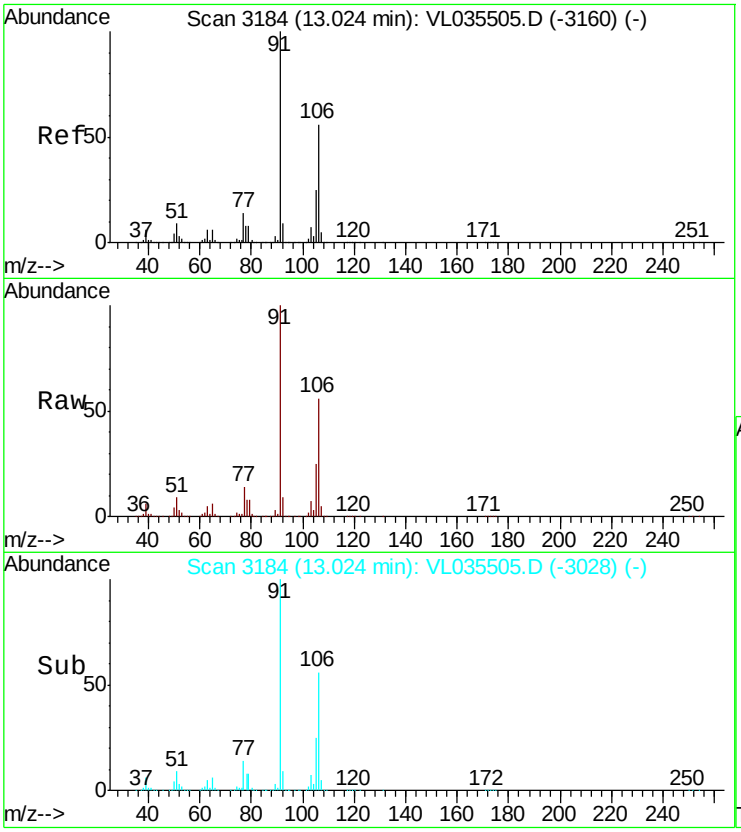


#58
Ethyl Benzene
Concen: 9.394 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 91 Resp: 5098526

Ion	Ratio	Lower	Upper
91	100		
106	37.9	30.3	45.5



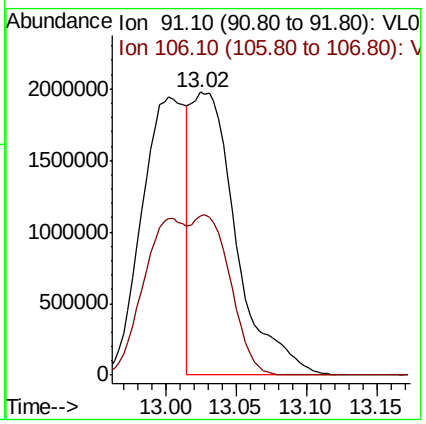


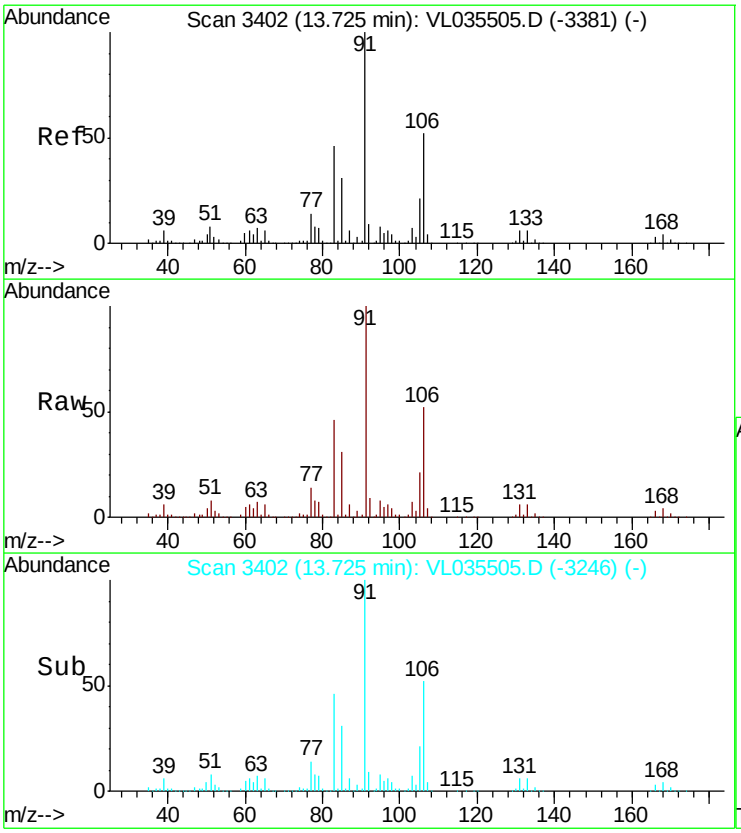
#59
m/p-Xylene
Concen: 9.494 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4379761

Ion	Ratio	Lower	Upper
91	100		
106	102.2	43.4	65.2#

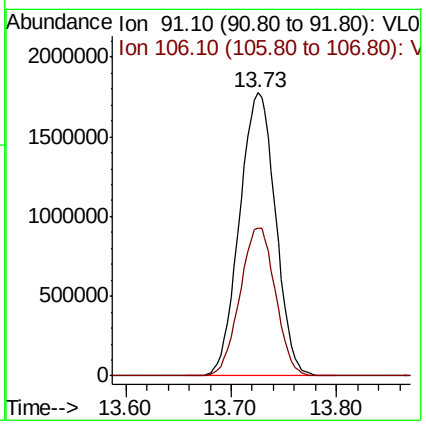


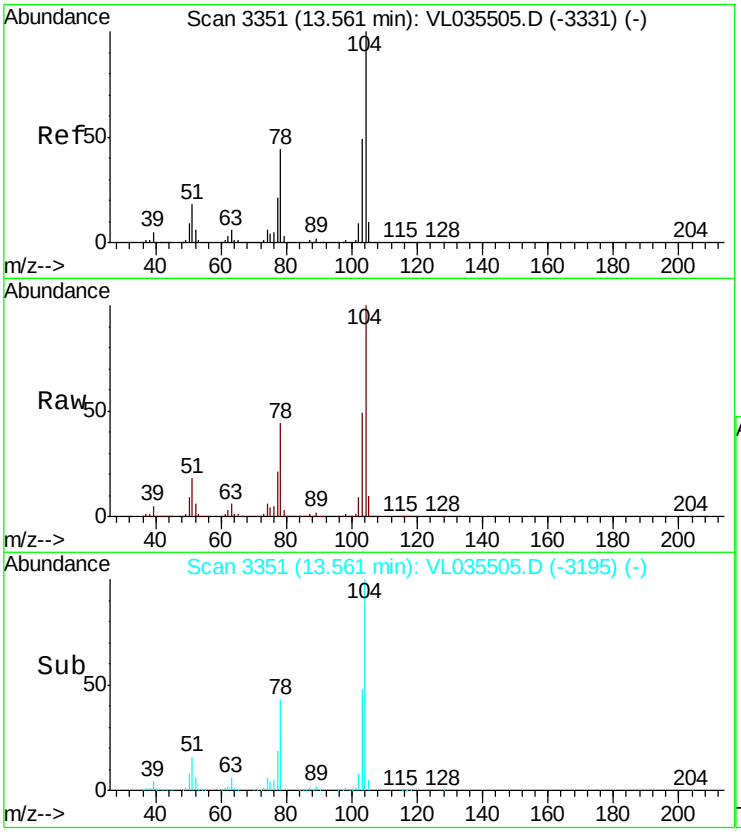


#60
o-Xylene
Concen: 9.285 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 91 Resp: 4219268

Ion	Ratio	Lower	Upper
91	100		
106	51.6	25.8	77.4



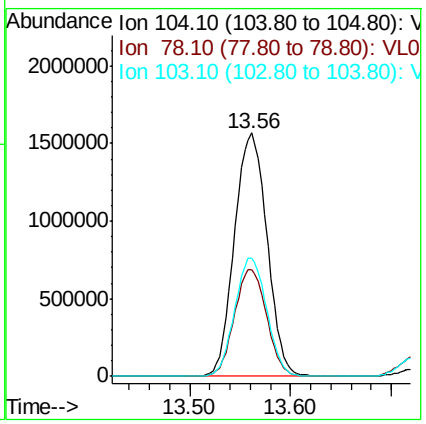


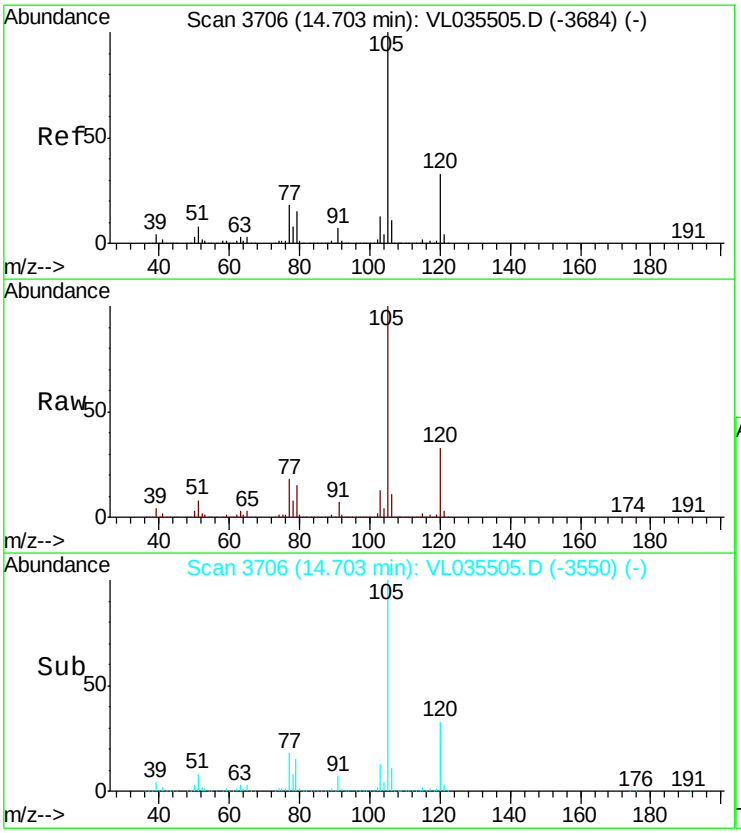
#61
Stvrene
Concen: 10.053 ppbv
RT: 13.56 min Scan# 3351
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 3518526

Ion	Ratio	Lower	Upper
104	100		
78	43.5	34.8	52.2
103	47.7	38.2	57.4

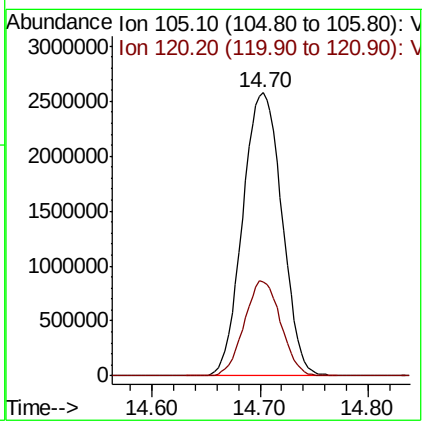


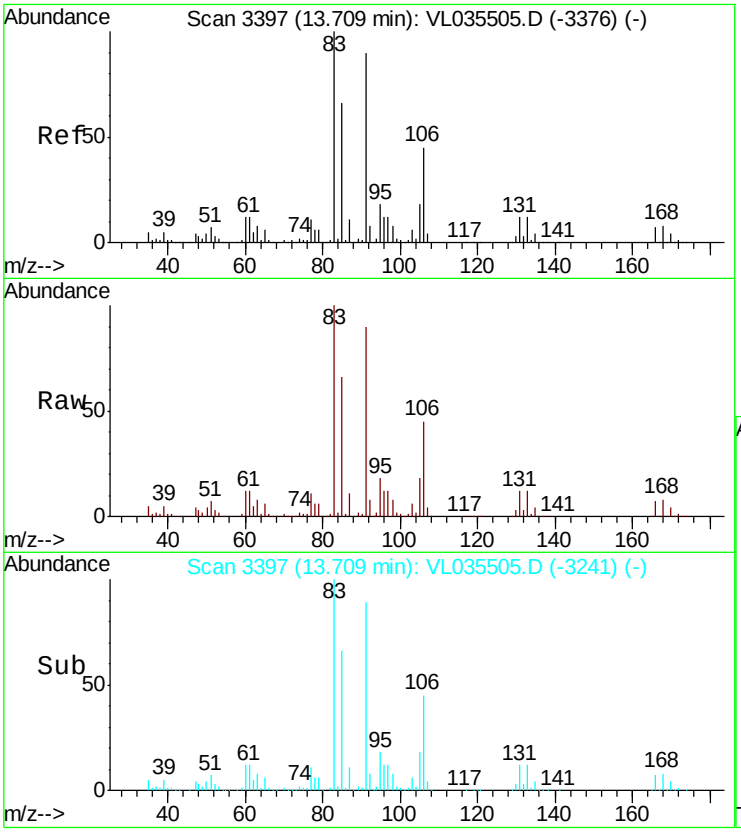


#62
Isopropylbenzene
Concen: 8.874 ppbv
RT: 14.70 min Scan# 3706
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:105 Resp: 6519491

Ion	Ratio	Lower	Upper
105	100		
120	31.2	25.0	37.4



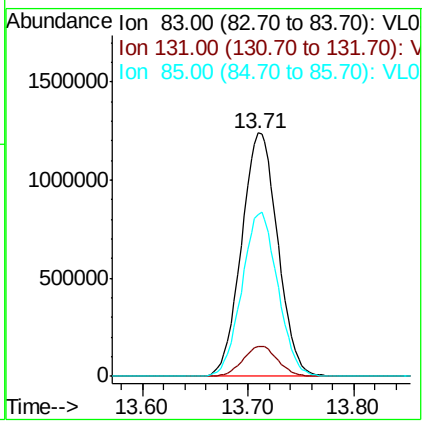


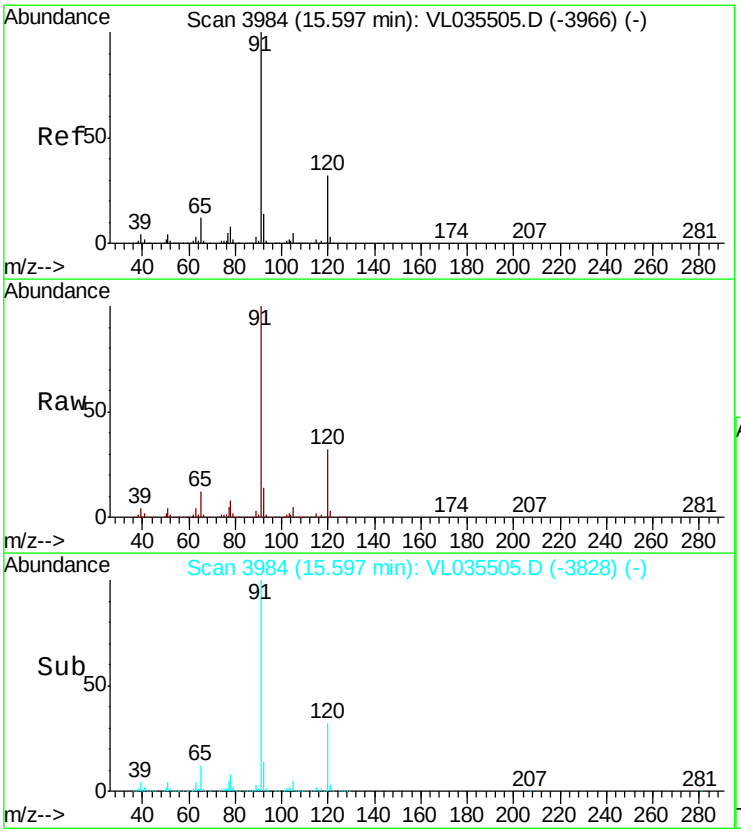
#63
1,1,2,2-Tetrachloroethane
Concen: 8.932 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2966680

Ion	Ratio	Lower	Upper
83	100		
131	12.0	6.0	18.0
85	66.8	33.4	100.2

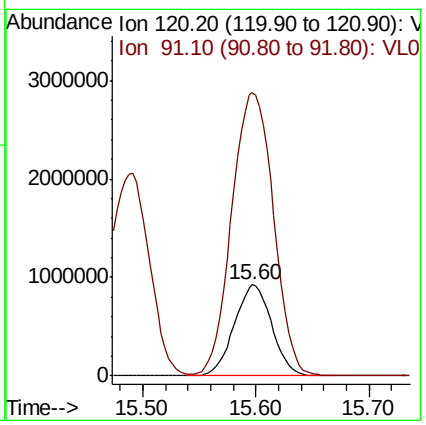


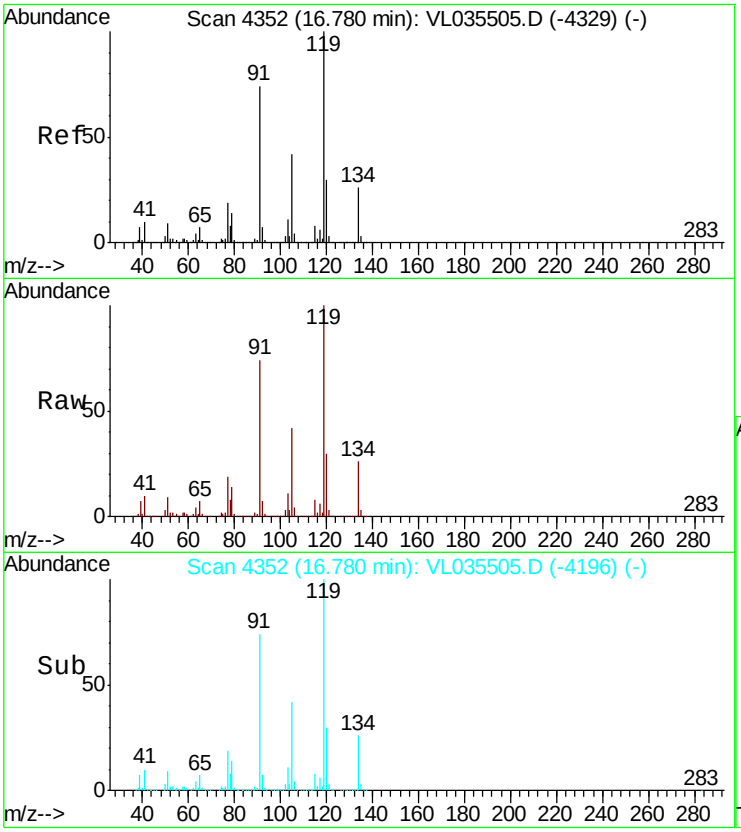


#64
n-propylbenzene
Concen: 9.469 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:120 Resp: 2116991

Ion	Ratio	Lower	Upper
120	100		
91	349.1	279.4	419.0



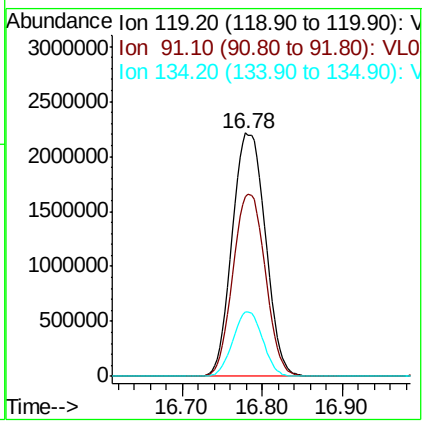


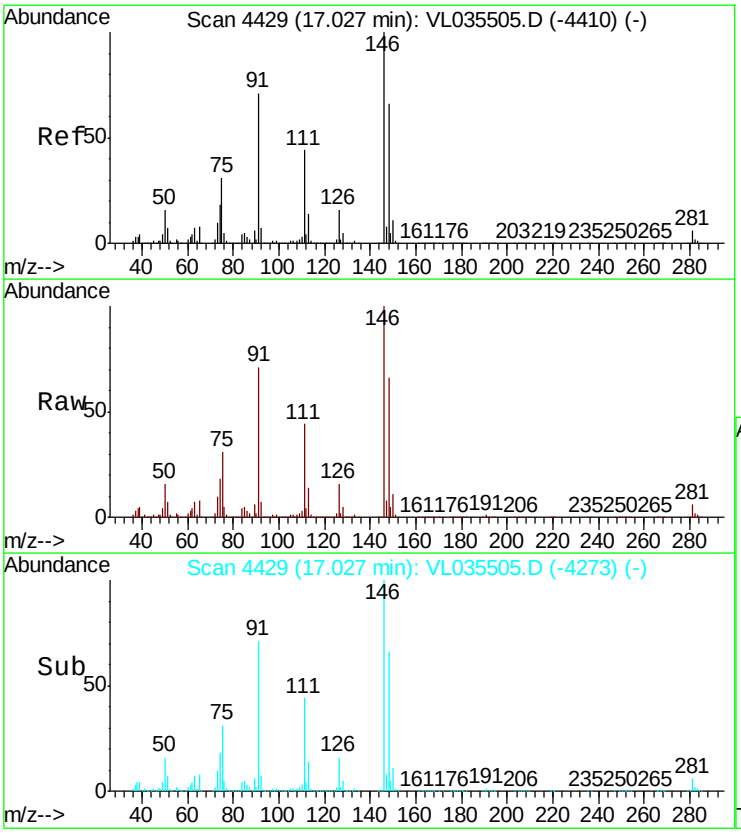
#65
tert-Butylbenzene
Concen: 8.910 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 6214735

Ion	Ratio	Lower	Upper
119	100		
91	73.2	58.6	87.8
134	23.6	18.9	28.3

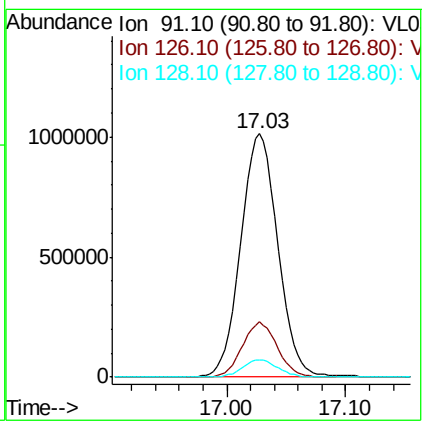


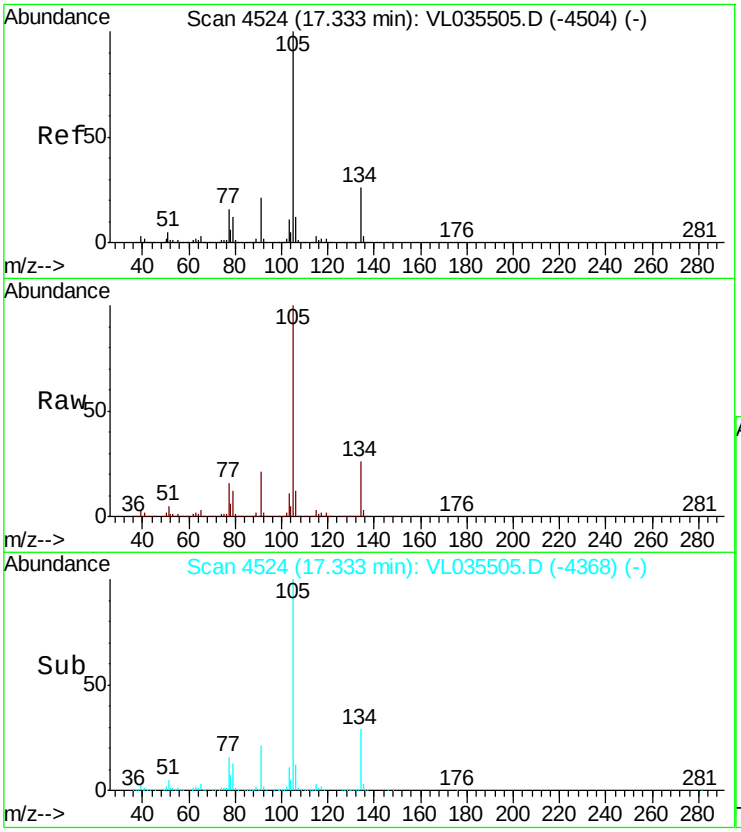


#66
Benzyl Chloride
Concen: 12.874 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 91 Resp: 2184470

Ion	Ratio	Lower	Upper
91	100		
126	21.5	17.2	25.8
128	6.9	5.5	8.3



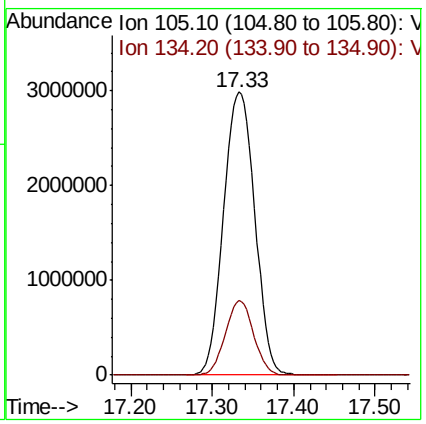


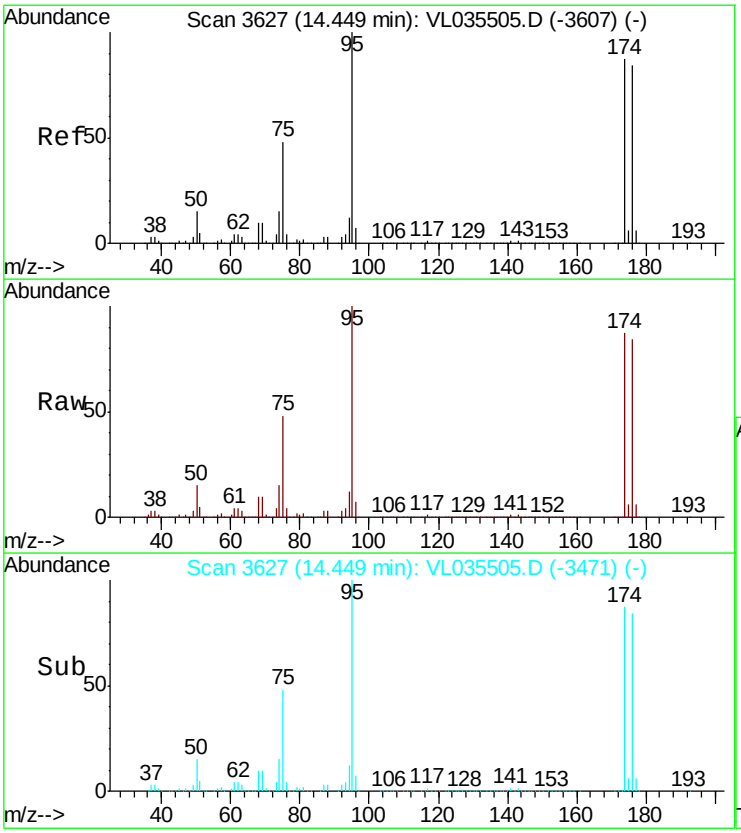
#67
sec-Butylbenzene
Concen: 8.657 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:105 Resp: 8029544

Ion	Ratio	Lower	Upper
105	100		
134	23.9	19.1	28.7

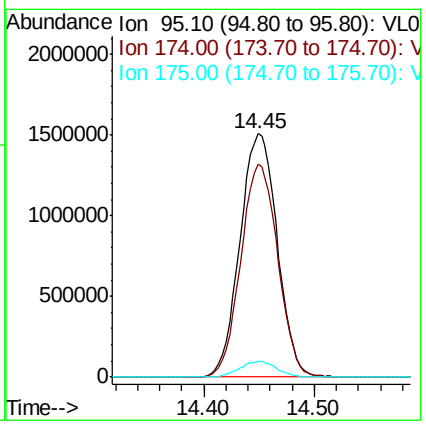


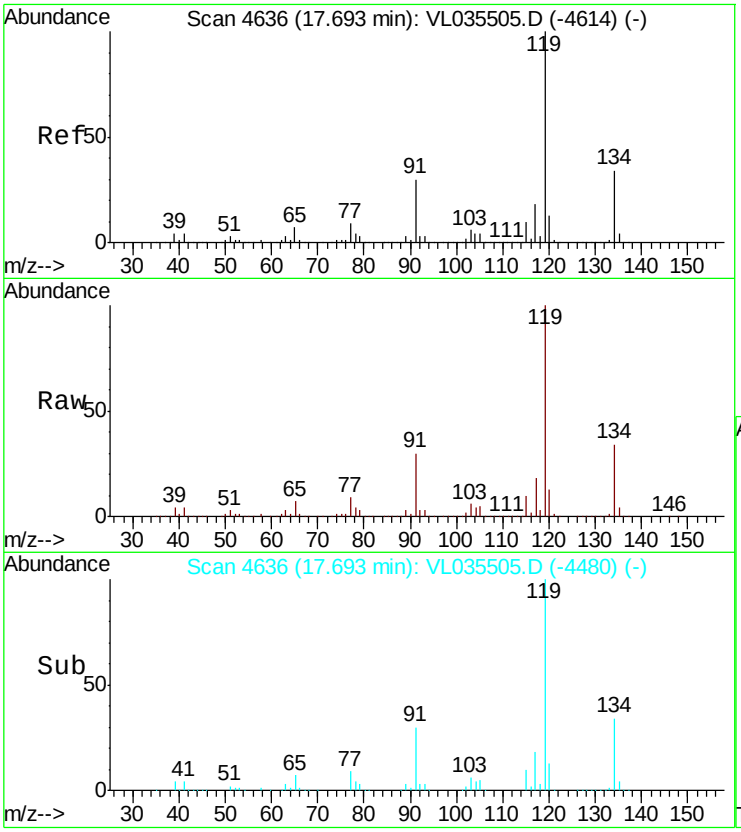


#68
1-Bromo-4-Fluorobenzene
Concen: 9.735 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 95 Resp: 3535637

Ion	Ratio	Lower	Upper
95	100		
174	87.1	69.6	104.4
175	6.4	5.1	7.7



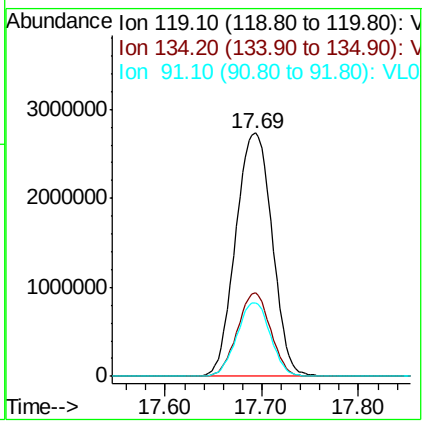


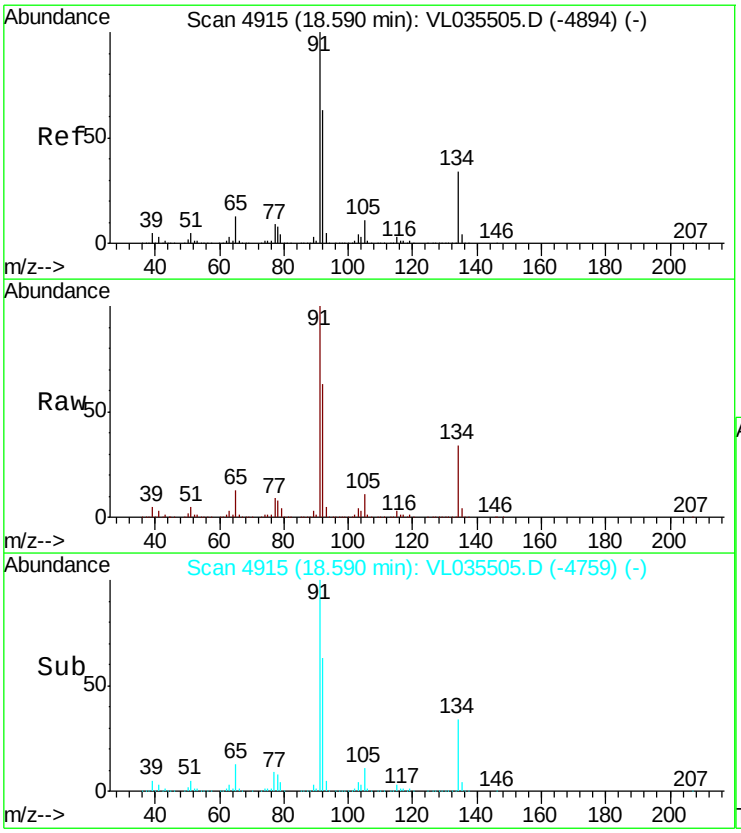
#69
p-Isopropyltoluene
Concen: 8.875 ppbv
RT: 17.69 min Scan# 4636
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 7172510

Ion	Ratio	Lower	Upper
119	100		
134	31.3	25.0	37.4
91	27.9	22.3	33.5

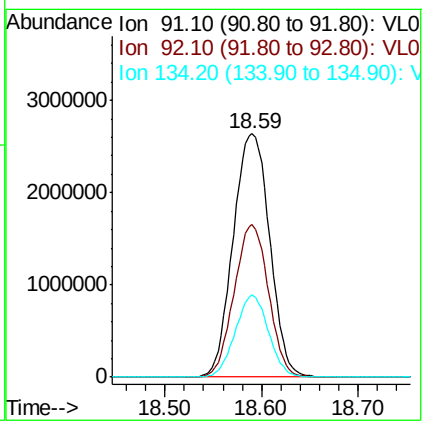


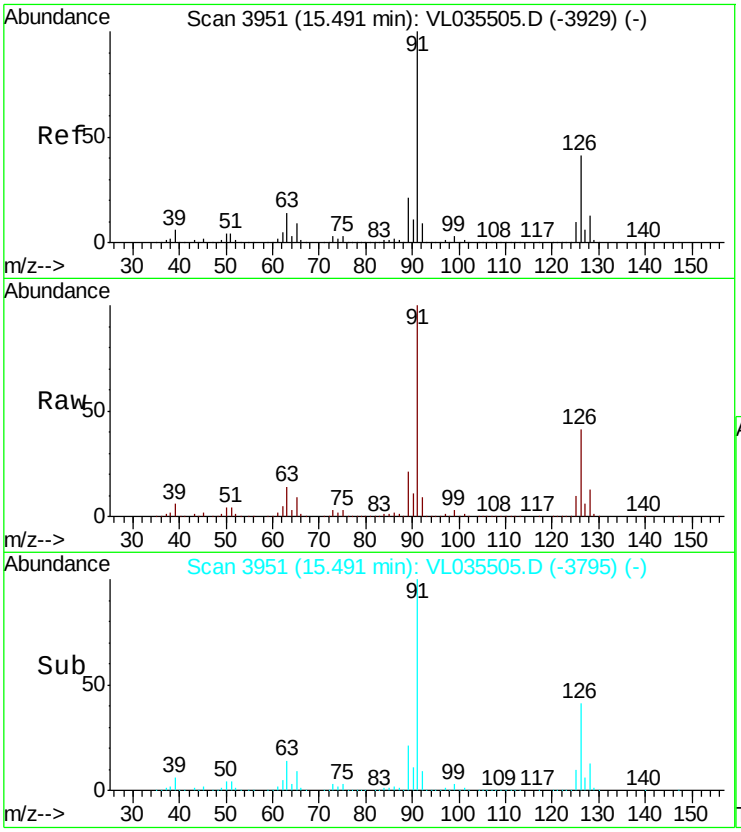


#70
n-Butylbenzene
Concen: 8.907 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion: 91 Resp: 6913396

Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.3	70.9
134	30.8	24.6	37.0



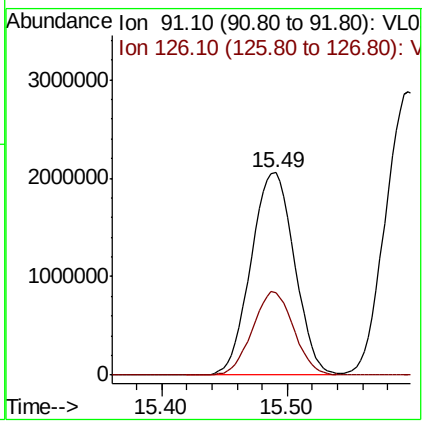


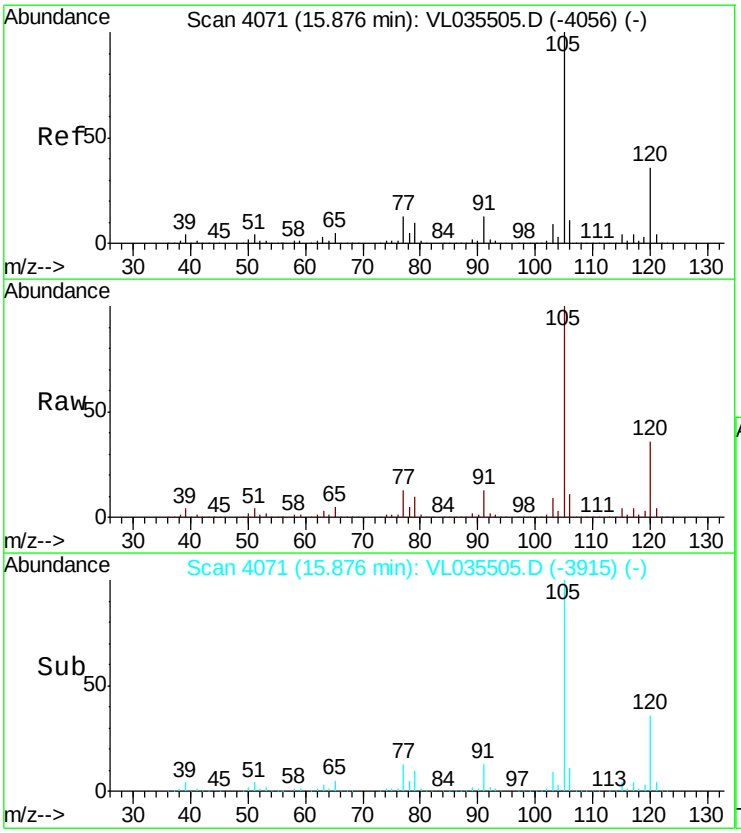
#71
2-Chlorotoluene
Concen: 9.342 ppbv
RT: 15.49 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4967408

Ion	Ratio	Lower	Upper
91	100		
126	39.1	15.6	62.6

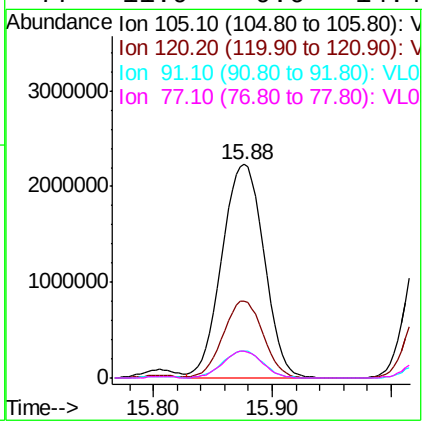


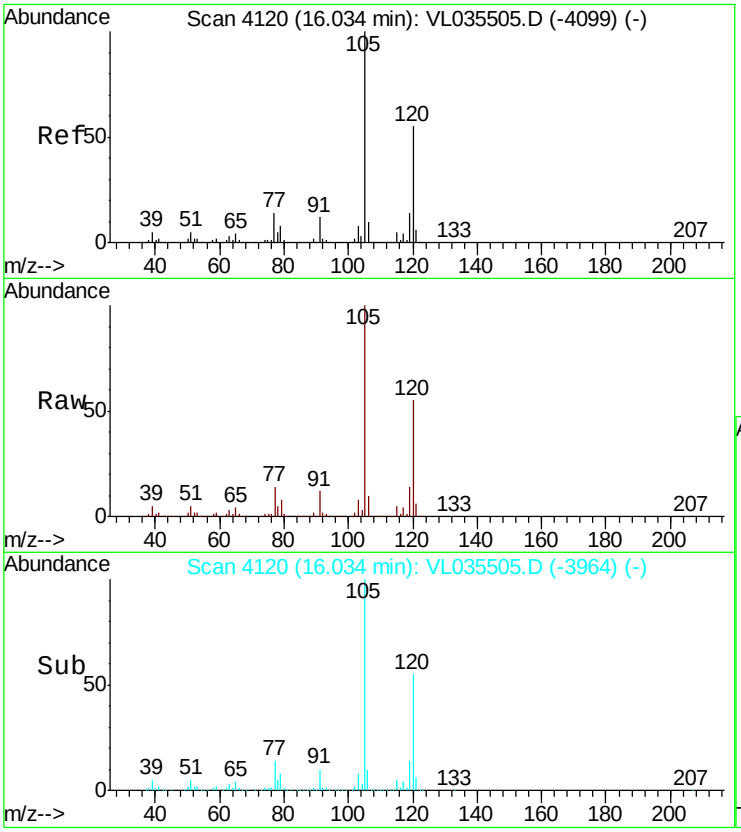


#72
4-Ethyltoluene
Concen: 9.443 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:105 Resp: 5473410

Ion	Ratio	Lower	Upper
105	100		
120	34.4	27.4	41.2
91	12.1	9.7	14.5
77	11.9	9.6	14.4



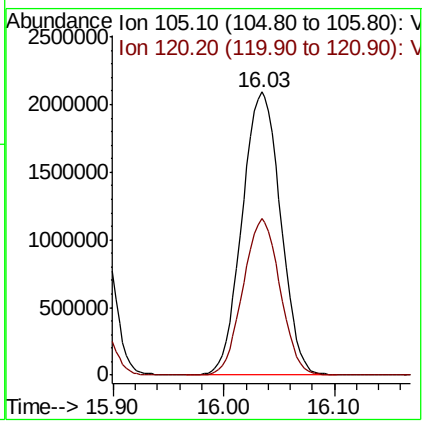


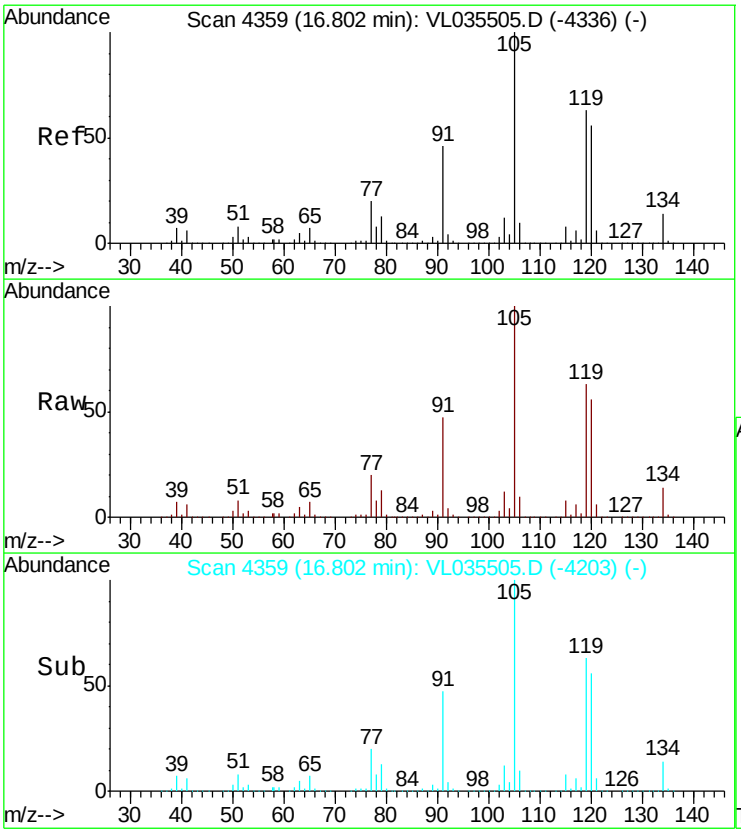
#73
1,3,5-Trimethylbenzene
Concen: 9.405 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 5042081

Ion	Ratio	Lower	Upper
105	100		
120	55.2	44.2	66.2

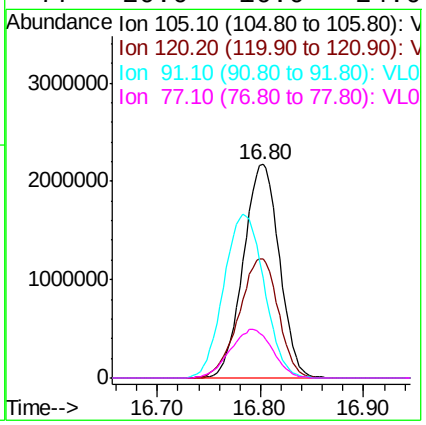


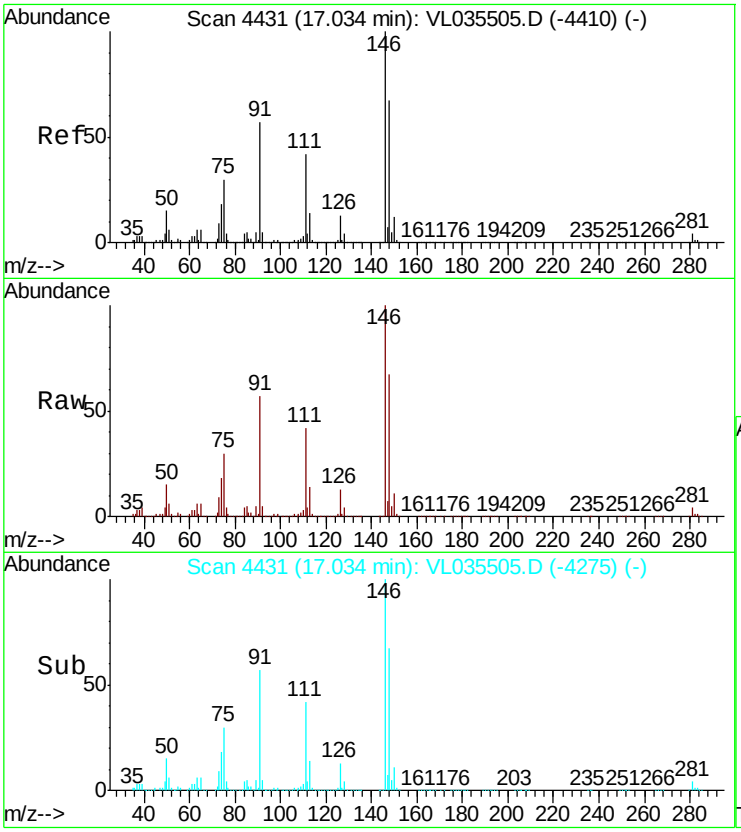


#74
1,2,4-Trimethylbenzene
Concen: 8.952 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:105 Resp: 5264753

Ion	Ratio	Lower	Upper
105	100		
120	55.5	44.4	66.6
91	46.4	37.1	55.7
77	20.0	16.0	24.0



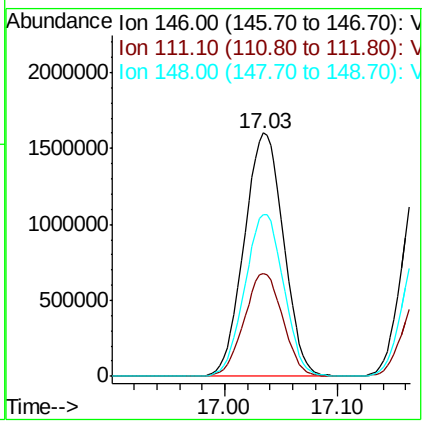


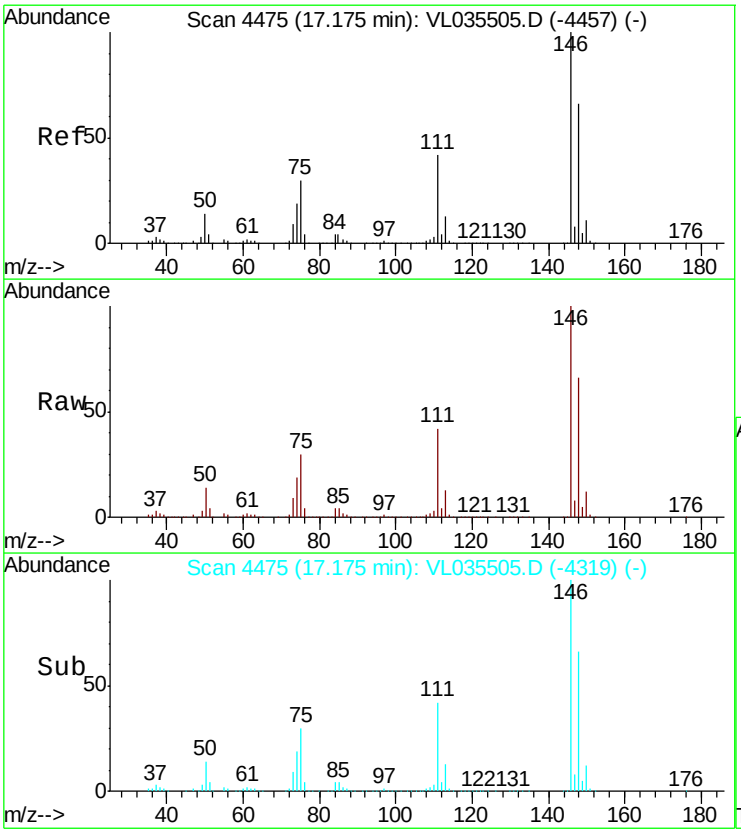
#75
1,3-Dichlorobenzene
Concen: 8.804 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:146 Resp: 3879534

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	65.9	33.0	98.9

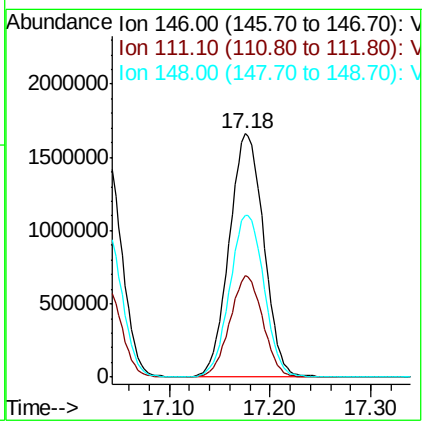


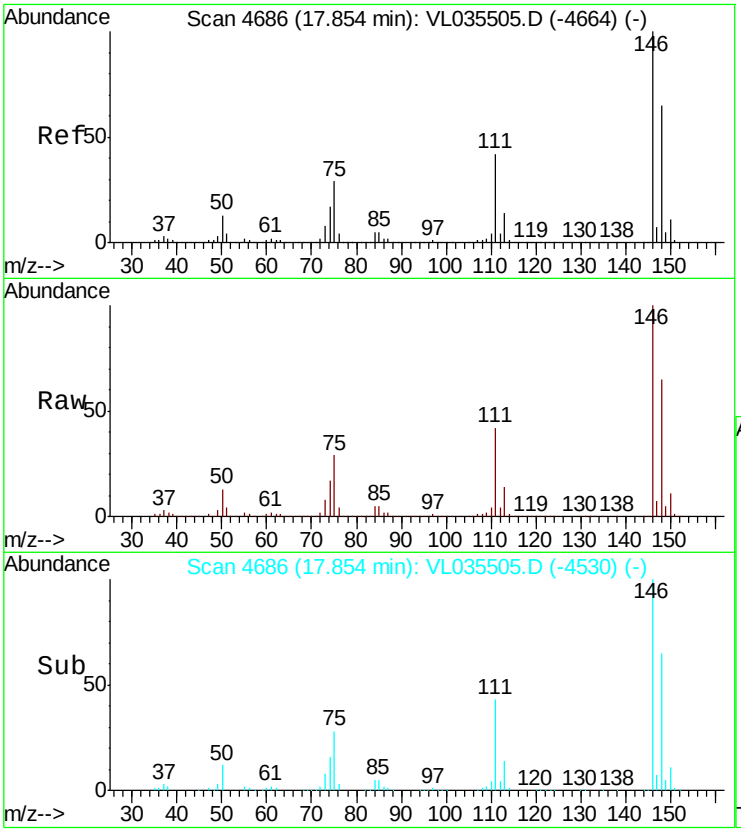


#76
1,4-Dichlorobenzene
Concen: 8.930 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:146 Resp: 3930645

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	66.4	33.2	99.6



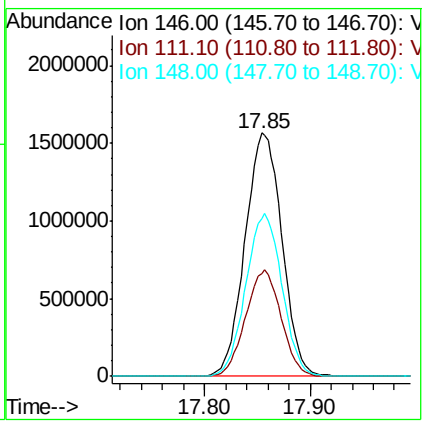


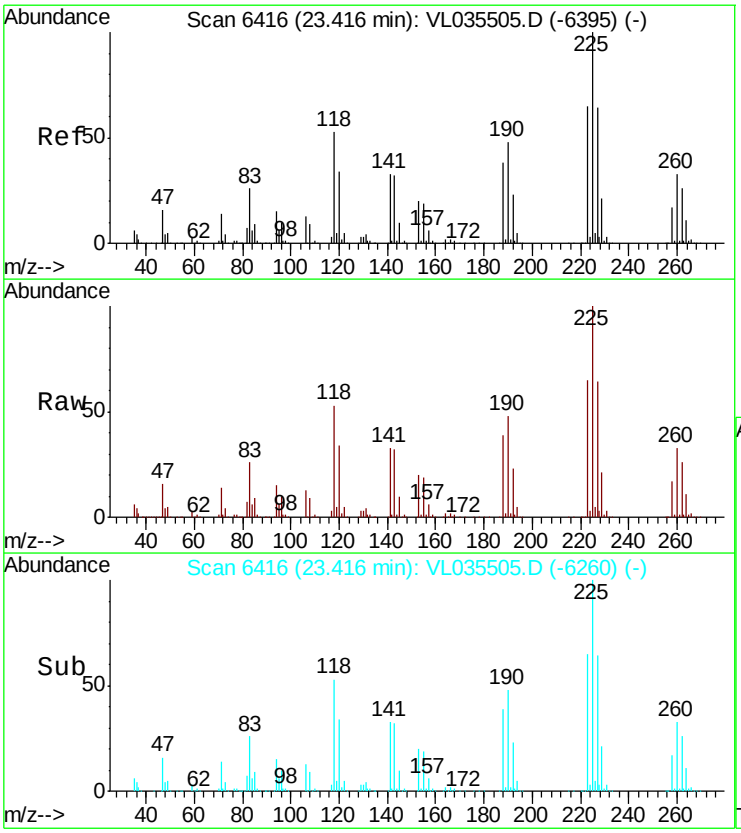
#77
1,2-Dichlorobenzene
Concen: 8.783 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 3812543

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	65.6	32.9	98.7

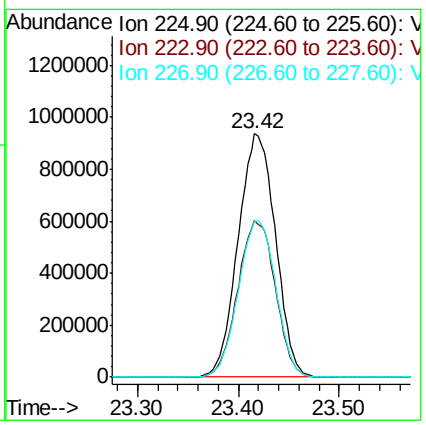


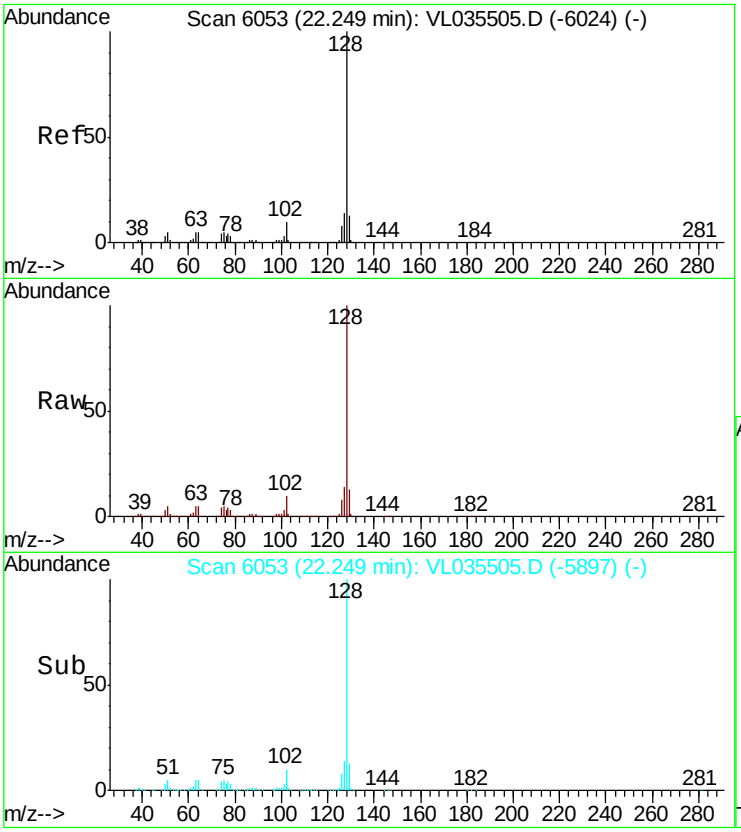


#78
Hexachloro-1,3-Butadiene
Concen: 8.074 ppbv
RT: 23.42 min Scan# 6416
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:225 Resp: 2405866

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.7	77.5
227	64.4	51.5	77.3



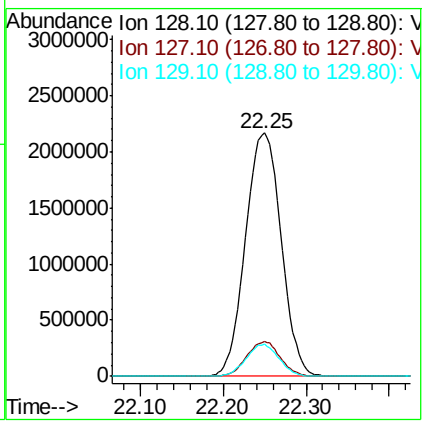


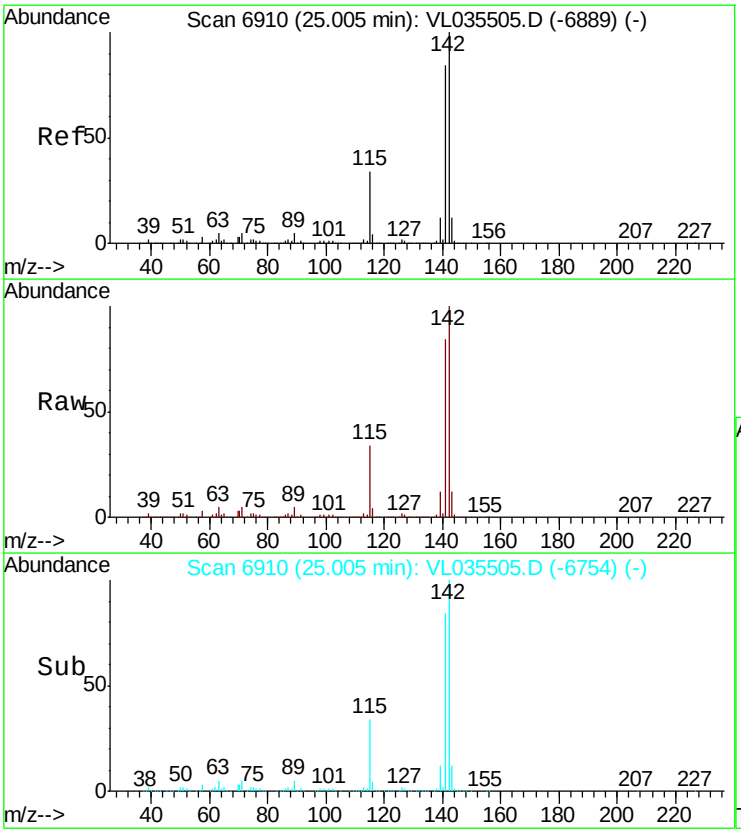
#79
Naphthalene
Concen: 8.879 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 6499301

Ion	Ratio	Lower	Upper
128	100		
127	14.3	11.4	17.2
129	13.1	10.5	15.7

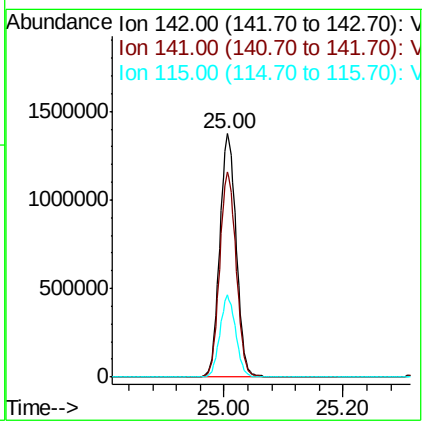


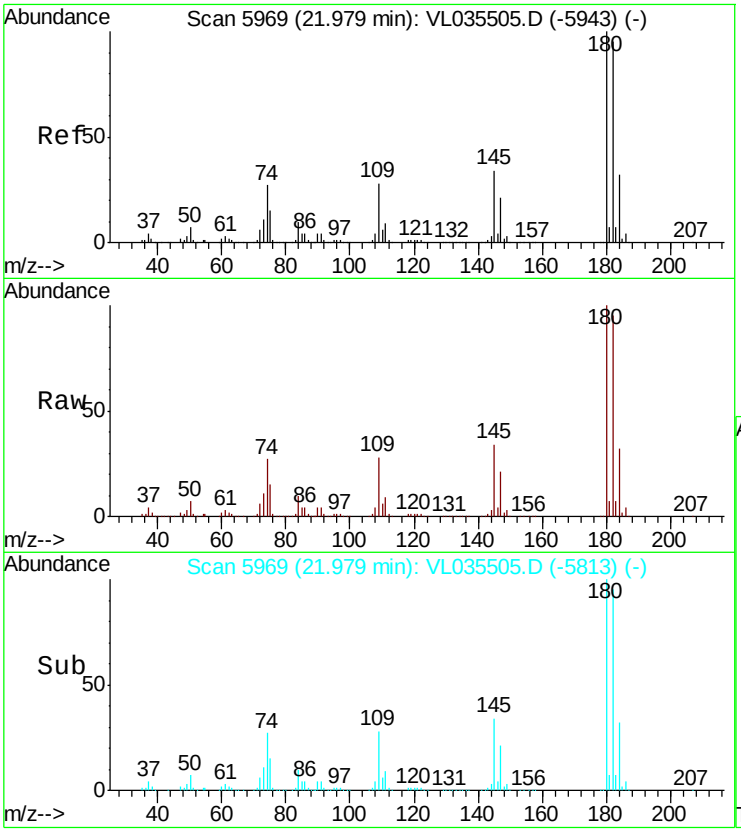


#80
Naphthalene,2-methyl-
Concen: 9.120 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Tgt Ion:142 Resp: 2623612

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.6	101.4
115	32.3	25.8	38.8





#81
1,2,4-Trichlorobenzene
Concen: 8.634 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. 0.00 min
Lab File: VL035505.D
Acq: 27 Aug 2020 2:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 3715876

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
184	31.6	25.3	37.9