Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090320\

Quantitation Report (Not Reviewed)

Data File : VL035551.D
Acq On : 4 Sep 2020 9:37
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 04 11:56:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	995434	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4236495	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	5567387	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	3192807	8.08	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1472690	8.537	ppbv	99
3) Chlorodifluoromethane	2.99	51	1145530	10.405	ppbv	99
4) Chloromethane	3.14	50	631655	10.709	ppbv	100
5) Vinyl Chloride	3.26	62	741335	10.195	ppbv	99
6) Bromomethane	3.47	94	653659	10.702	ppbv	99
7) Chloroethane	3.56	64	280019	10.892	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2116235	10.129	ppbv	97
9) Propene	3.01	41	446178	10.512	ppbv	100
10) Heptane	8.14	43	1260167	11.054	ppbv	100
11) Trichlorofluoromethane	3.95	101	2594262	10.312	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1978768	10.421	ppbv	98
13) Ethanol	3.61	45	110642	10.514	ppbv	97
14) Bromoethene	3.74	108	892937	10.926	ppbv	99
15) Acetone	3.85	43	1169722	10.654	ppbv	99
16) 1,3-Butadiene	3.33	39	453979	11.108	ppbv	99
17) tert-Butyl alcohol	4.30	59	1465322	10.965	ppbv	100
18) 1,1-Dichloroethene	4.29	96	913698	10.928	ppbv	99
19) Isopropyl Alcohol	3.97	45	740339	11.304	ppbv #	98
20) Methylene Chloride	4.35	84	735241	8.992	ppbv	99
21) Allyl Chloride	4.42	41	601793	11.700	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	964183	10.832	ppbv	98
23) Vinyl Acetate	5.09	43	1656616	11.756	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1552708	10.707	ppbv	100
25) Ethyl Acetate	5.69	43	2058663	10.614	ppbv	100
26) Hexane	5.70	57	1171554	10.661	ppbv	100
27) Carbon Disulfide	4.56	76	1918362	12.165	ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	2090236	10.913	ppbv	100
29) Chloroform	5.77	83	2377007	10.616	ppbv	100
30) Cyclohexane	7.15	84	1328758	11.287	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1263064	11.203	ppbv	99
32) 1,1,1-Trichloroethane	6.53	97	2353615	10.836	ppbv	99
34) 2-Butanone	5.26	43	1442446	11.473	ppbv	100
35) Carbon Tetrachloride	7.04	117	2487711	11.684	ppbv	99
36) Benzene	6.91	78	3061237	11.163	ppbv	100
37) 1,2-Dichloroethane	6.32	62	1453052	11.114	ppbv	100
38) Trichloroethene	7.86	130	1610915	10.113	ppbv	96
39) 1,2-Dichloropropane	7.63	63	1029421	11.112	ppbv	99
40) 1,4-Dioxane	7.85	88	550159	11.888	ppbv	94
41) Tetrahydrofuran	6.06	42	801167	12.017	ppbv	99
42) Bromodichloromethane	7.81	83	2500731	11.828	ppbv	99
43) Methyl Methacrylate	8.04	69	1294922	12.212	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090320\

Quantitation Report (Not Reviewed)

Data File : VL035551.D
Acq On : 4 Sep 2020 9:37
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 04 11:56:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	3967557	10.996	ppbv		100
45) t-1,3-Dichloropropene	9.30	75	1433698	13.346	ppbv		99
46) cis-1,3-Dichloropropene	8.73	75	1703461	12.772	ppbv		98
47) 1,1,2-Trichloroethane	9.50	97	1517097	11.098	ppbv		99
48) Dibromochloromethane	10.33	129	2629461	12.222	ppbv		100
49) Bromoform	13.07	173	2437182	12.500	ppbv		99
50) 4-Methyl-2-Pentanone	8.76	43	2132133	11.711	ppbv		100
51) 2-Hexanone	10.16	43	1855336	12.423	ppbv		100
52) Tetrachloroethene	11.25	164	1642225	10.251	ppbv		98
53) Toluene	9.83	91	3931259	11.400	ppbv		100
54) 1,2-Dibromoethane	10.64	107	2420037	11.204	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.16	131	2057768	9.084	ppbv		98
57) Chlorobenzene	12.18	112	3409120	8.320	ppbv		99
58) Ethyl Benzene	12.74	91	5163322	8.994	ppbv		100
59) m/p-Xylene	13.03	91	4892757	10.199	ppbv	#	48
60) o-Xylene	13.73	91	4282054	8.863	ppbv		99
61) Styrene	13.56	104	3509338	9.497	ppbv		99
62) Isopropylbenzene	14.70	105	6525977	8.408	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.71	83	3043374	8.124	ppbv		100
64) n-propylbenzene	15.60	120	2101361	8.872	ppbv		96
65) tert-Butylbenzene	16.78	119	6216554	8.616	ppbv		99
66) Benzyl Chloride	17.03	91	2141555	11.944	ppbv		98
67) sec-Butylbenzene	17.33	105	8087504	8.414	ppbv		99
69) p-Isopropyltoluene	17.69	119	7150358	8.480	ppbv		99
70) n-Butylbenzene	18.59	91	7023295	8.648	ppbv		99
71) 2-Chlorotoluene	15.49	91	5035263	8.909	ppbv		98
72) 4-Ethyltoluene	15.88	105	5486990	8.933	ppbv		100
73) 1,3,5-Trimethylbenzene	16.03	105	5065159	8.915	ppbv		99
74) 1,2,4-Trimethylbenzene	16.80	105	5329821	8.543	ppbv		98
75) 1,3-Dichlorobenzene	17.03	146	3816078	8.257	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	3866311	8.483	ppbv		99
77) 1,2-Dichlorobenzene	17.85	146	3720559	8.310	ppbv		99
78) Hexachloro-1,3-Butadiene	23.42	225	2299397	8.044	ppbv		100
79) Naphthalene	22.25	128	6423882	9.279	ppbv		100
80) Naphthalene,2-methyl-	25.01	142	2657506	11.247	ppbv		100
81) 1,2,4-Trichlorobenzene	21.98	180	3566724	8.603	ppbv		100

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

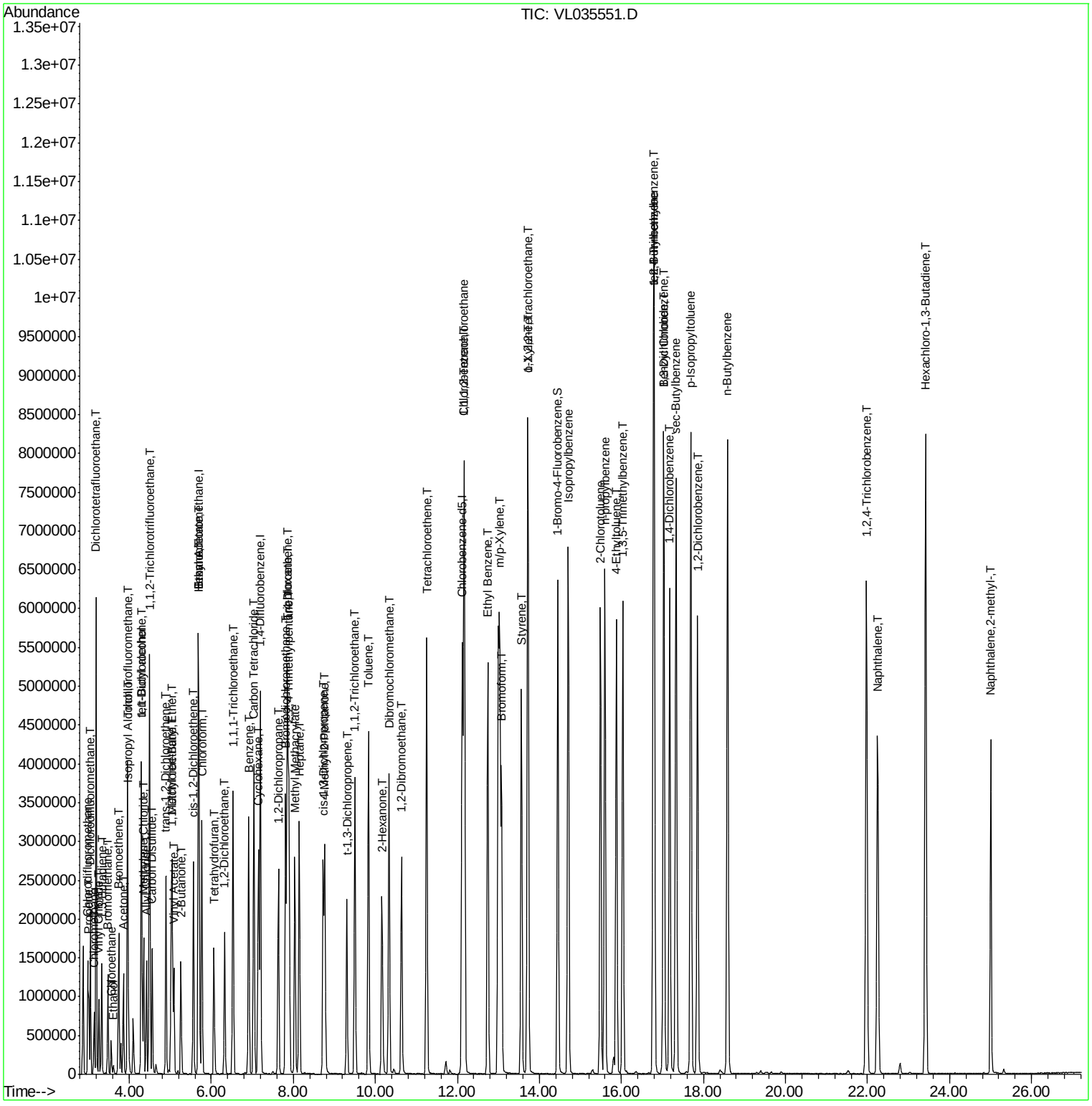
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090320\

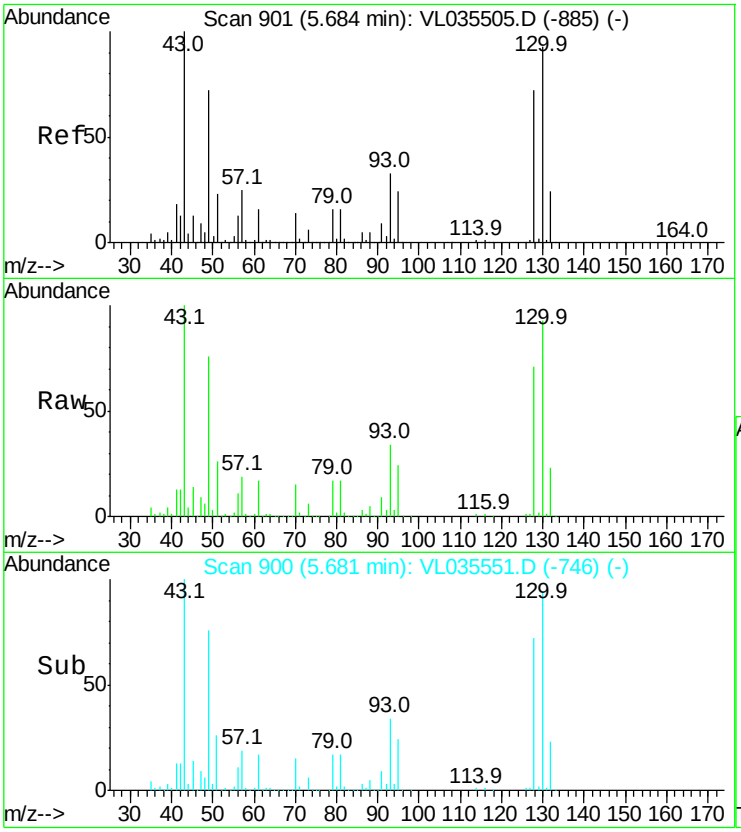
Quantitation Report (Not Reviewed)

Data File : VL035551.D
Acq On : 4 Sep 2020 9:37
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Sep 04 11:56:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration



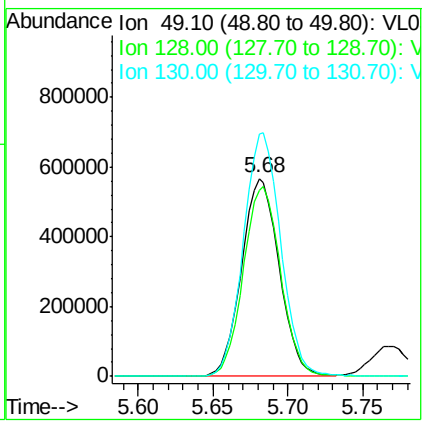


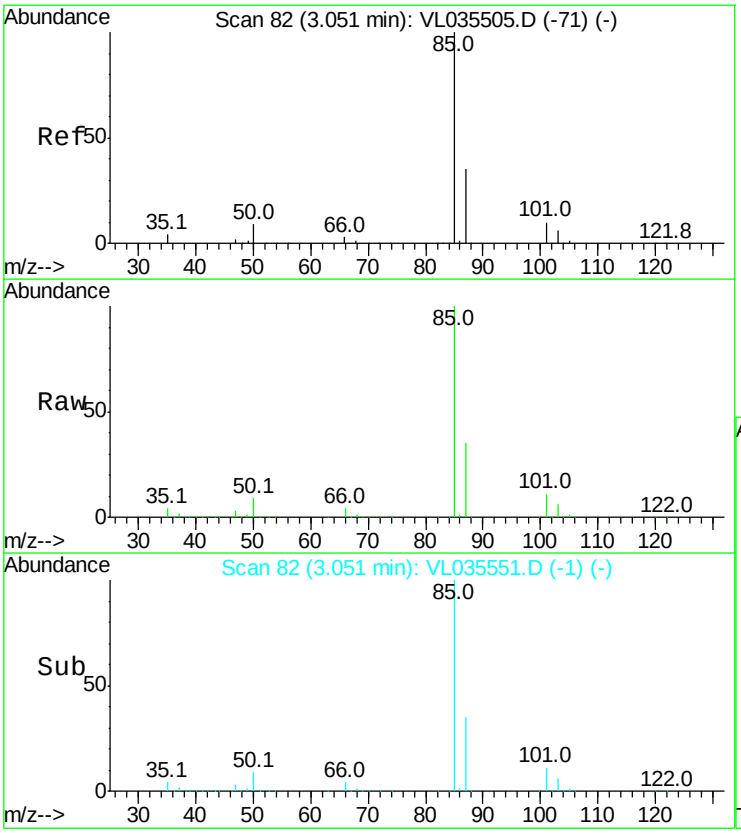
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 995434

Ion	Ratio	Lower	Upper
49	100		
128	95.3	50.0	150.1
130	122.4	64.4	193.2

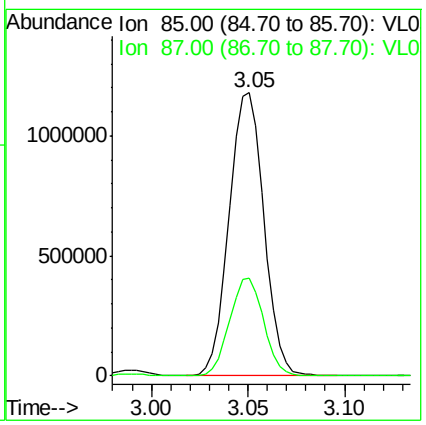


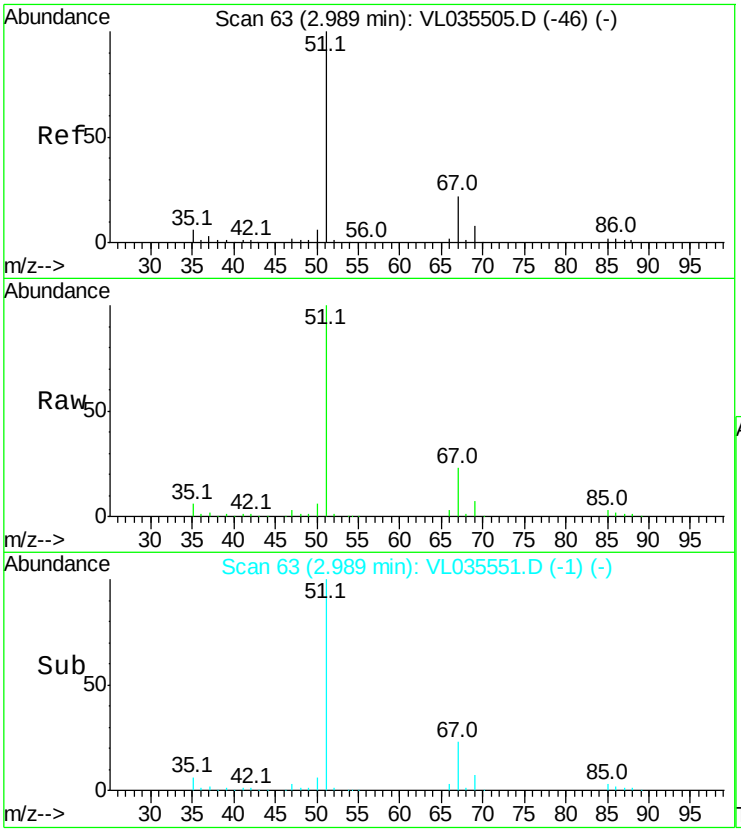


#2
Dichlorodifluoromethane
Concen: 8.537 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 85 Resp: 1472690

Ion	Ratio	Lower	Upper
85	100		
87	34.6	28.0	42.0



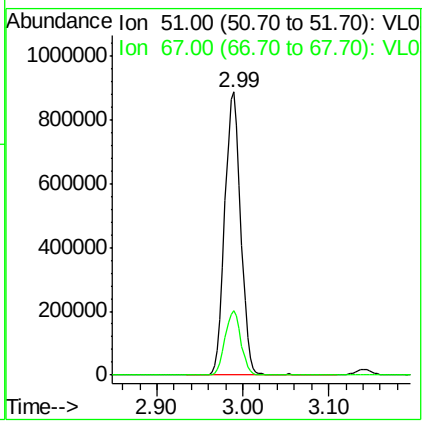


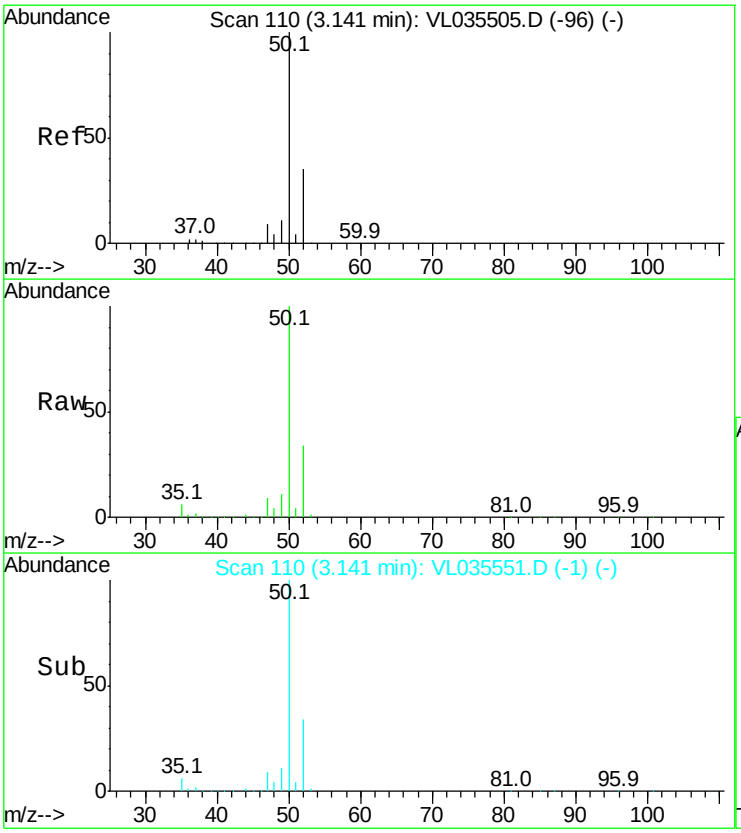
#3
Chlorodifluoromethane
Concen: 10.405 ppbv
RT: 2.99 min Scan# 63
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1145530

Ion	Ratio	Lower	Upper
51	100		
67	22.6	17.8	26.8

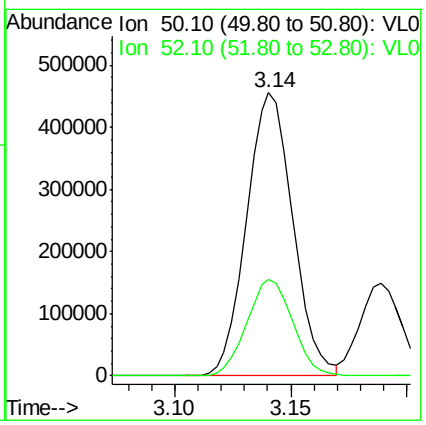


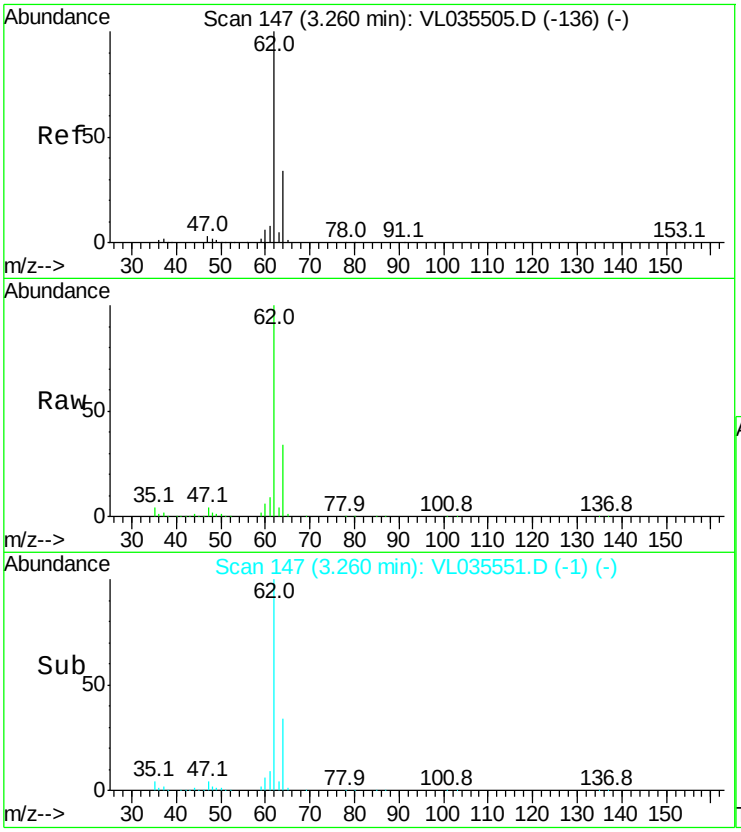


#4
Chloromethane
Concen: 10.709 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 50 Resp: 631655

Ion	Ratio	Lower	Upper
50	100		
52	34.3	27.7	41.5



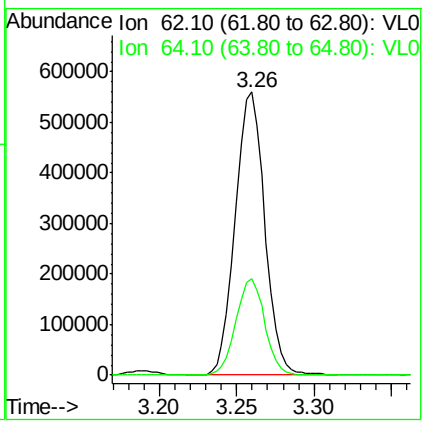


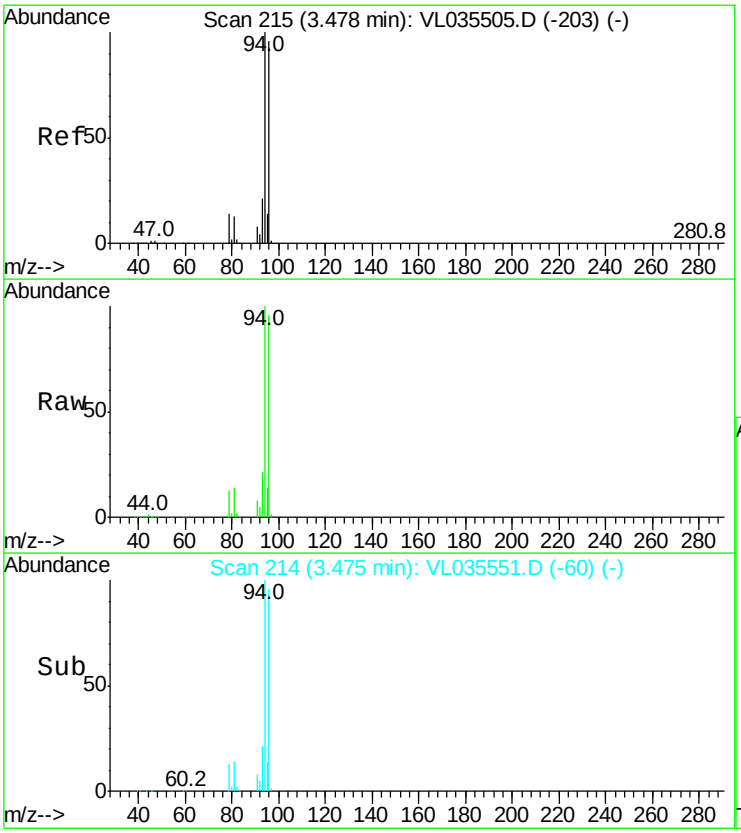
#5
Vinyl Chloride
Concen: 10.195 ppbv
RT: 3.26 min Scan# 147
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 741335

Ion	Ratio	Lower	Upper
62	100		
64	33.9	27.4	41.2

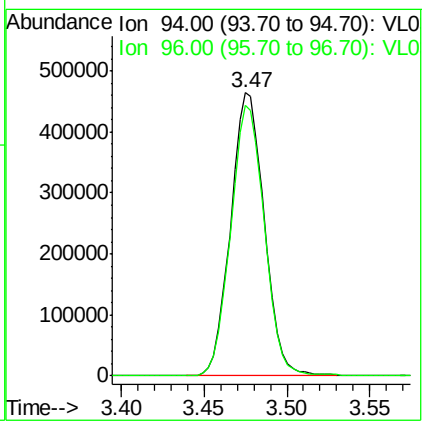


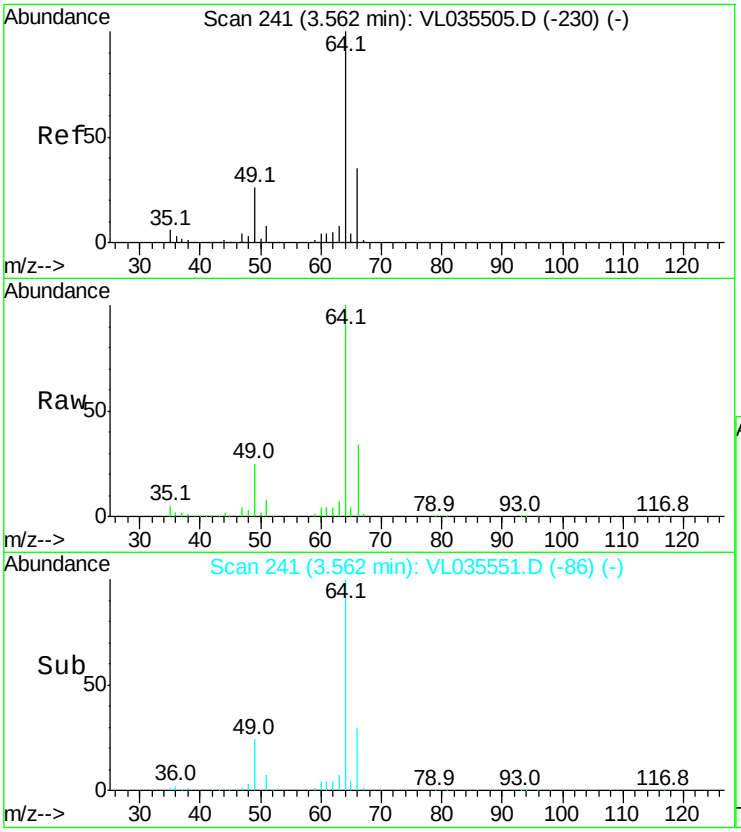


#6
Bromomethane
Concen: 10.702 ppbv
RT: 3.47 min Scan# 214
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 94 Resp: 653659

Ion	Ratio	Lower	Upper
94	100		
96	95.7	77.1	115.7



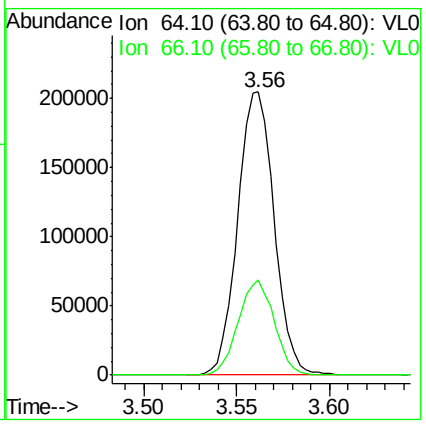


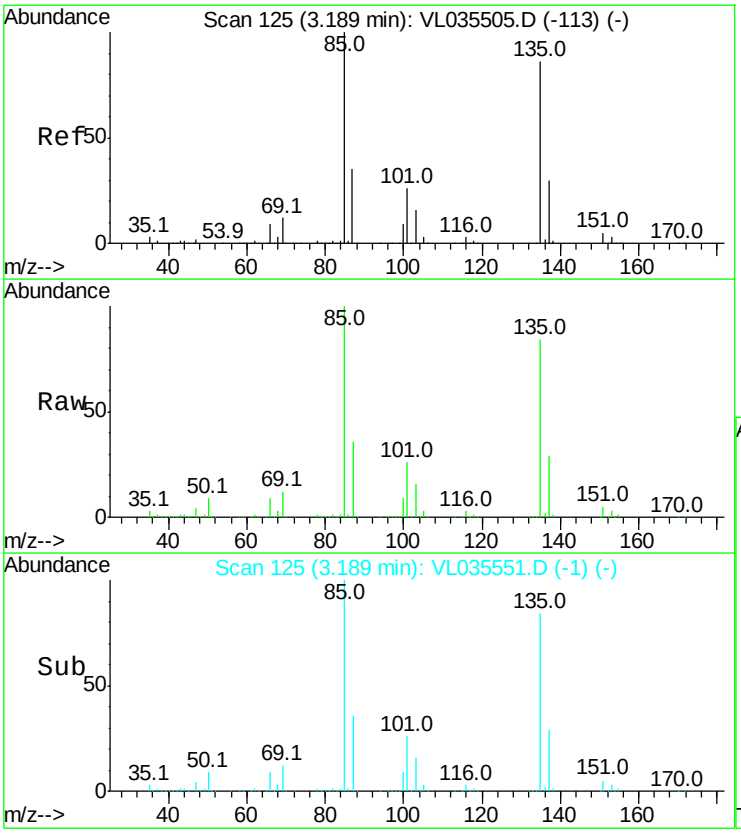
#7
Chloroethane
Concen: 10.892 ppbv
RT: 3.56 min Scan# 241
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 280019

Ion	Ratio	Lower	Upper
64	100		
66	33.6	27.7	41.5

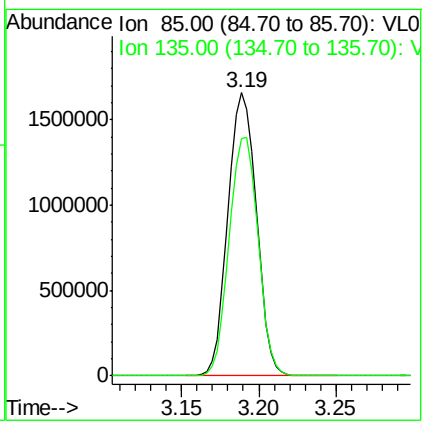


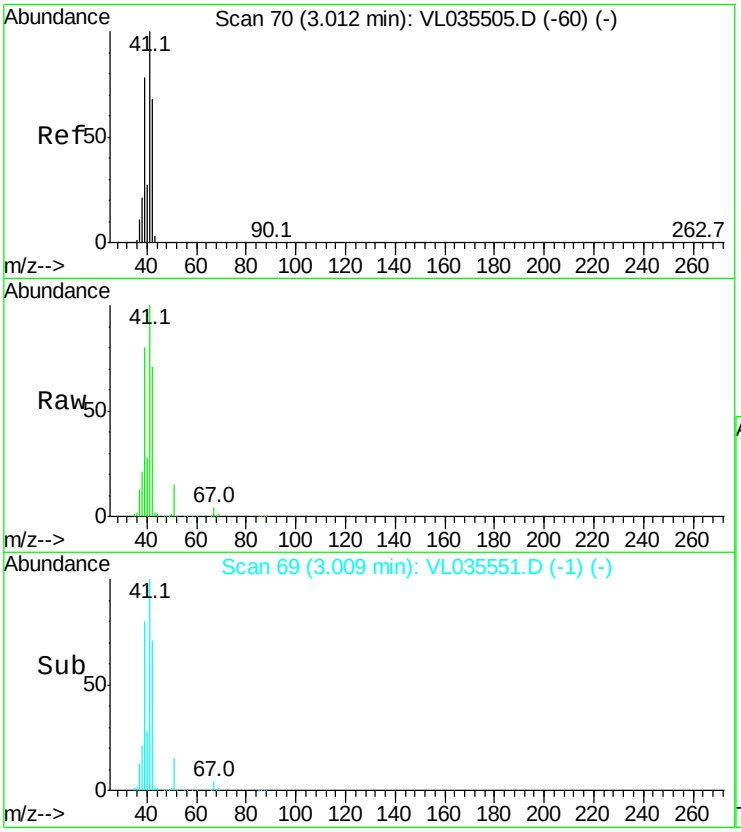


#8
Dichlorotetrafluoroethane
Concen: 10.129 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 85 Resp: 2116235

Ion	Ratio	Lower	Upper
85	100		
135	85.6	70.4	105.6



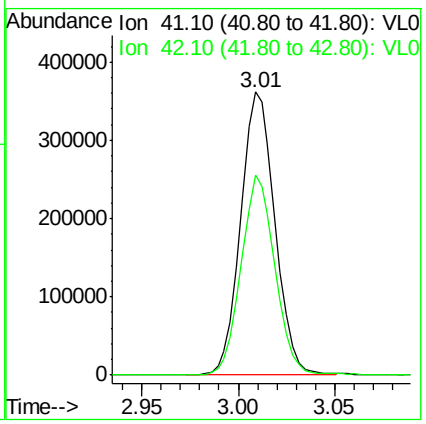


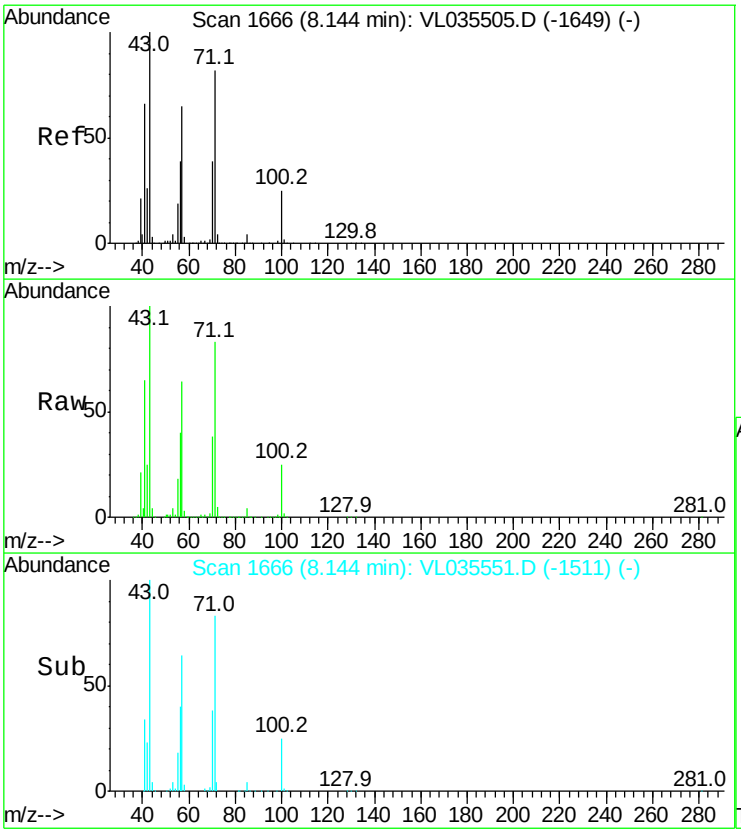
#9
Propene
Concen: 10.512 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 446178

Ion	Ratio	Lower	Upper
41	100		
42	70.1	56.3	84.5

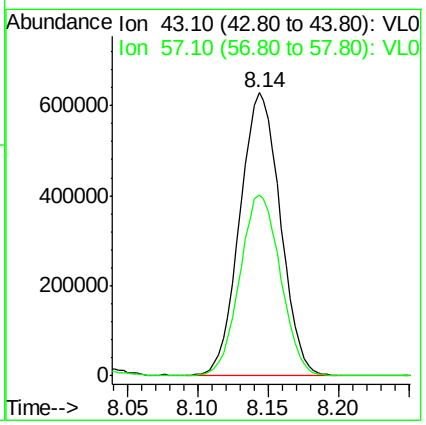


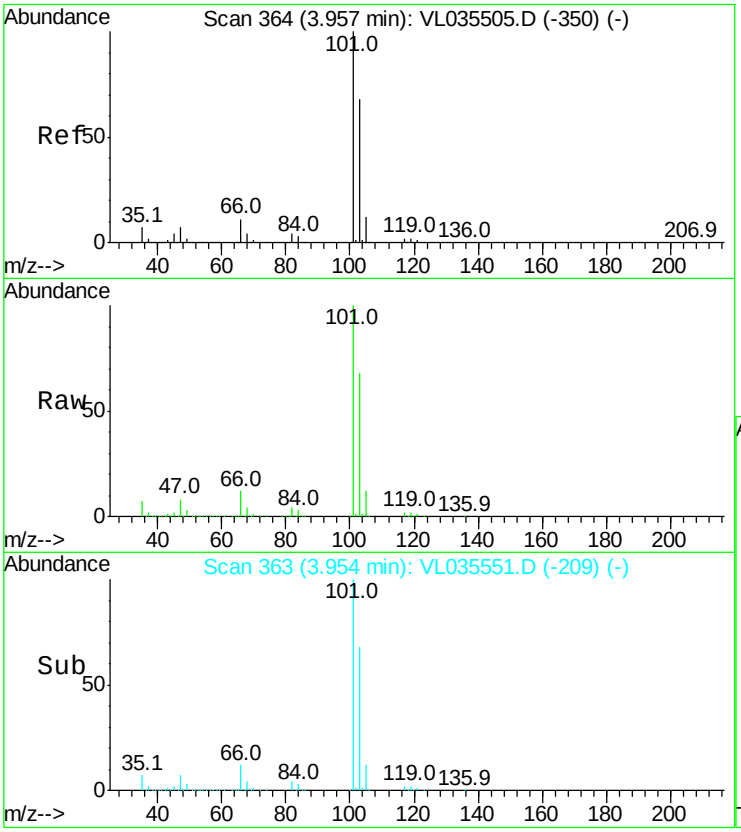


#10
Heptane
Concen: 11.054 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 43 Resp: 1260167

Ion	Ratio	Lower	Upper
43	100		
57	64.2	51.4	77.0



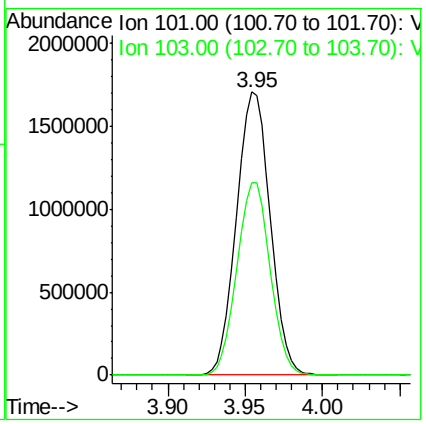


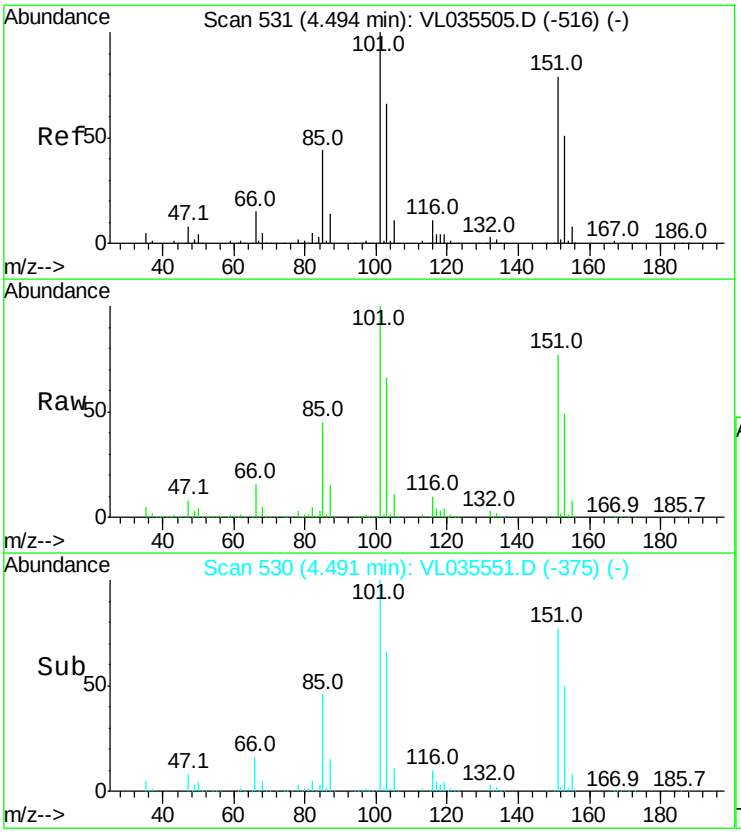
#11
Trichlorofluoromethane
Concen: 10.312 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 2594262

Ion	Ratio	Lower	Upper
101	100		
103	68.1	54.5	81.7

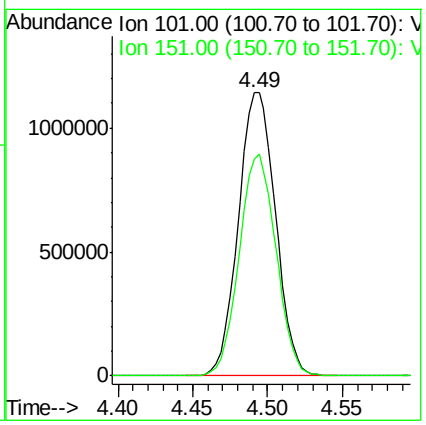


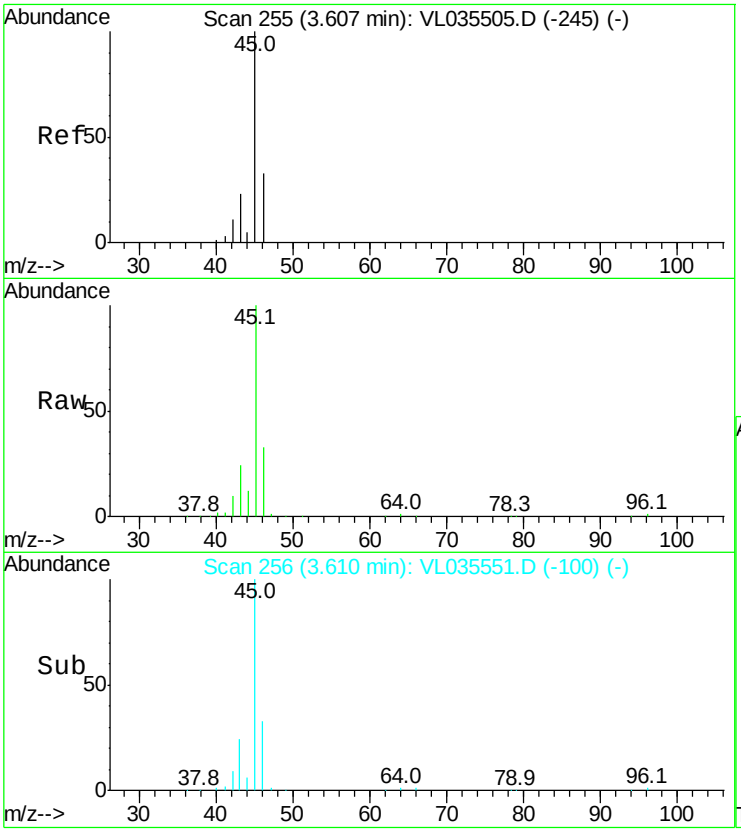


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.421 ppbv
RT: 4.49 min Scan# 530
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:101 Resp: 1978768

Ion	Ratio	Lower	Upper
101	100		
151	77.7	63.5	95.3



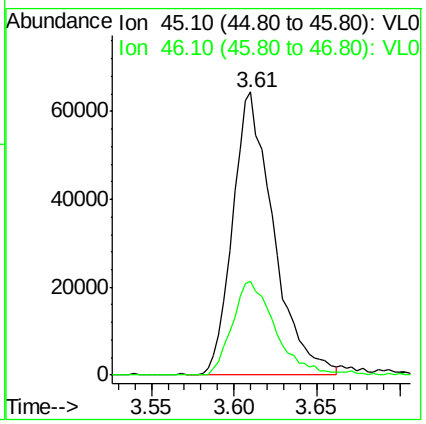


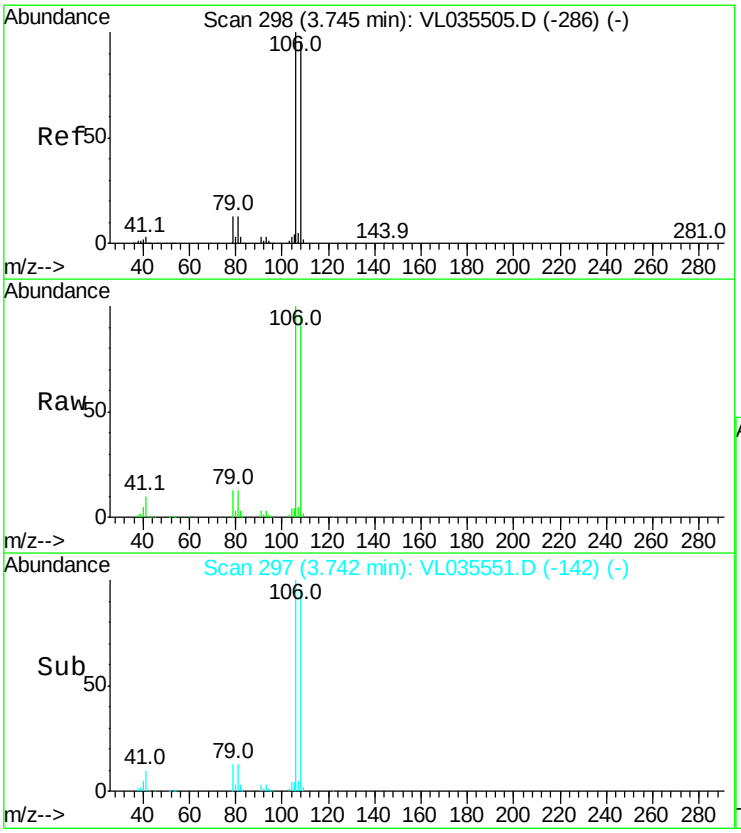
#13
Ethanol
Concen: 10.514 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 110642

Ion	Ratio	Lower	Upper
45	100		
46	35.9	15.2	60.6

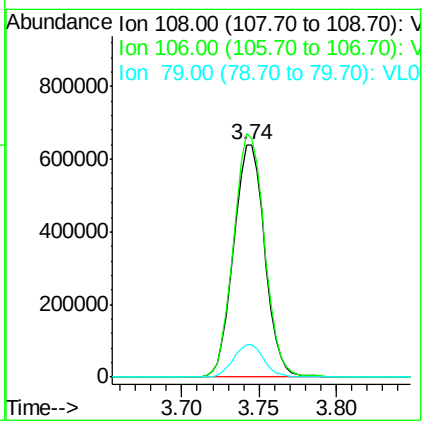


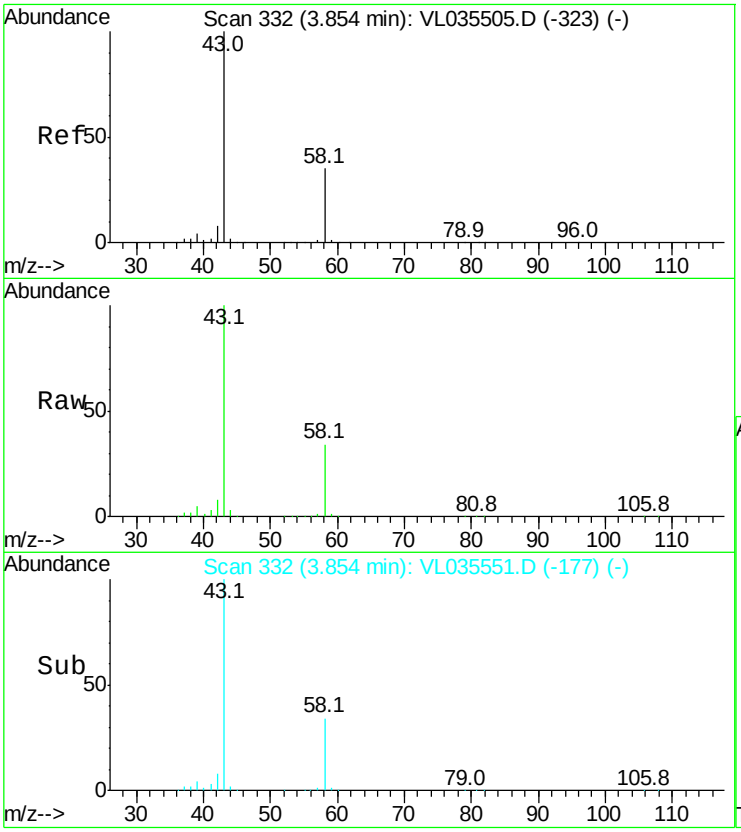


#14
Bromoethene
Concen: 10.926 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:108 Resp: 892937

Ion	Ratio	Lower	Upper
108	100		
106	105.0	84.9	127.3
79	13.9	10.8	16.2



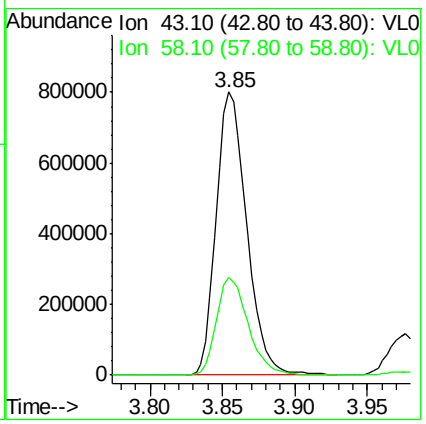


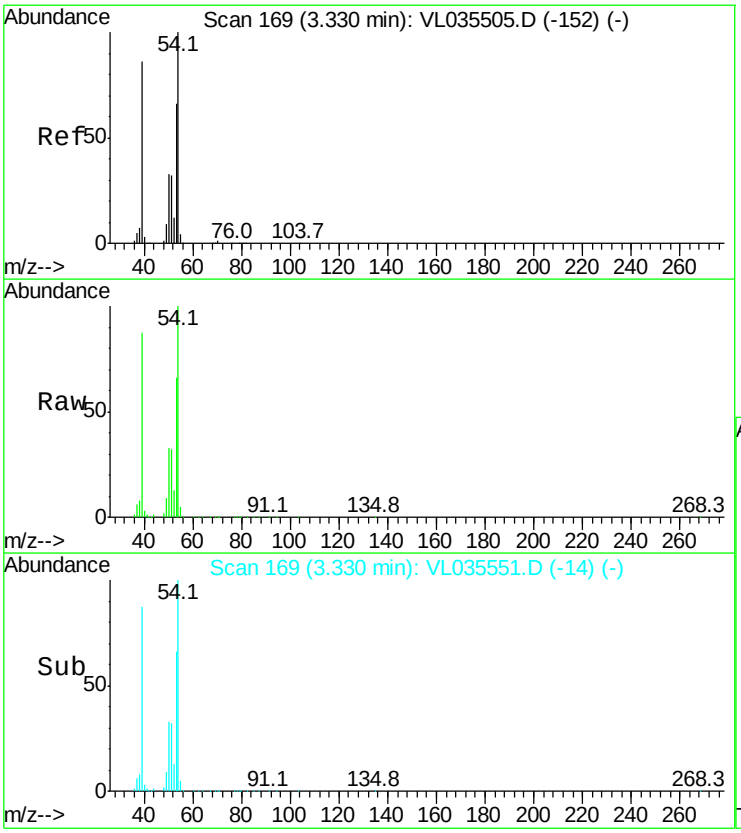
#15
Acetone
Concen: 10.654 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1169722

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.4	42.6

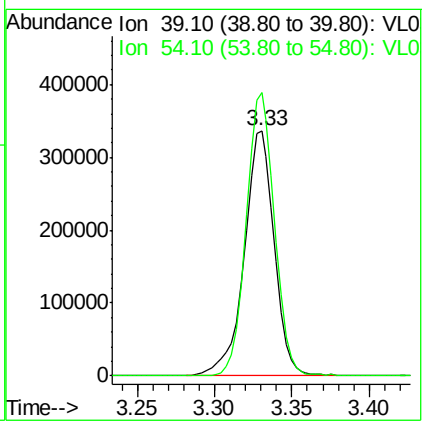


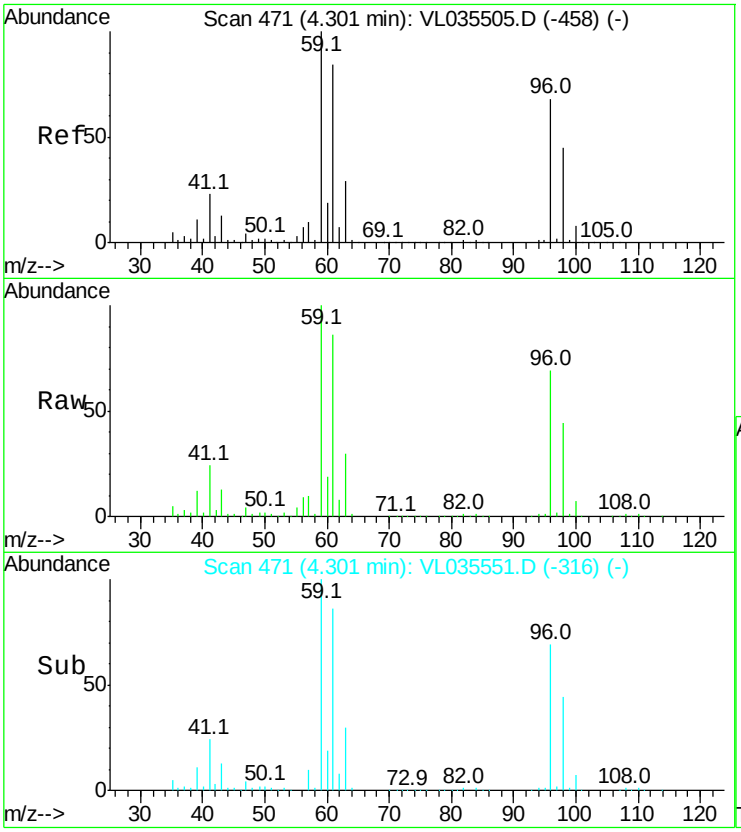


#16
1,3-Butadiene
Concen: 11.108 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 39 Resp: 453979

Ion	Ratio	Lower	Upper
39	100		
54	109.7	88.4	132.6



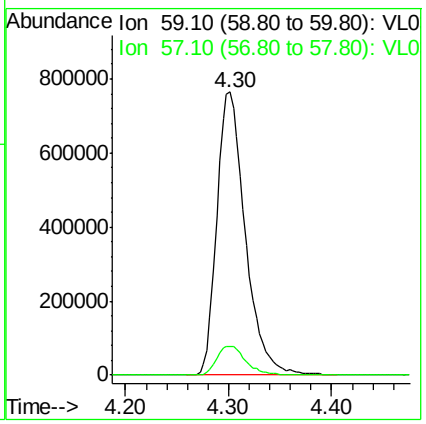


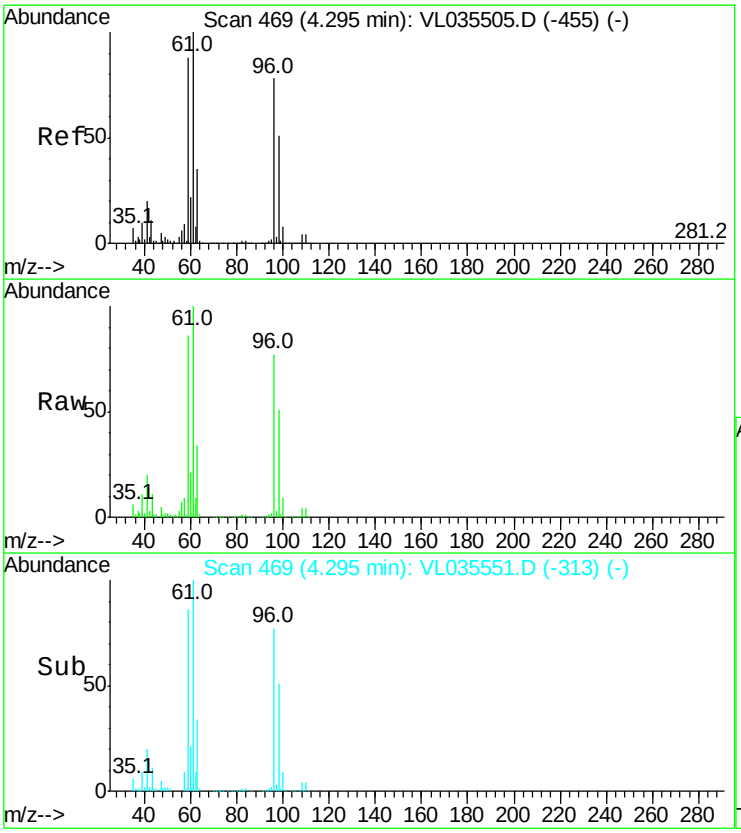
#17
tert-Butyl alcohol
Concen: 10.965 ppbv
RT: 4.30 min Scan# 471
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1465322

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

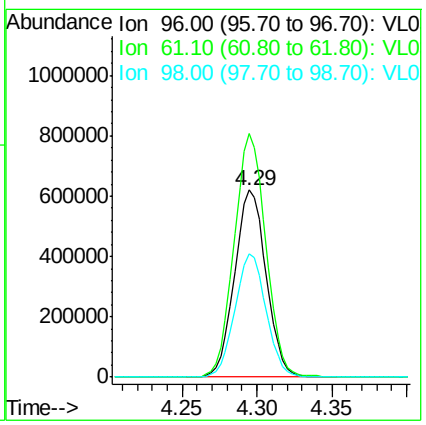


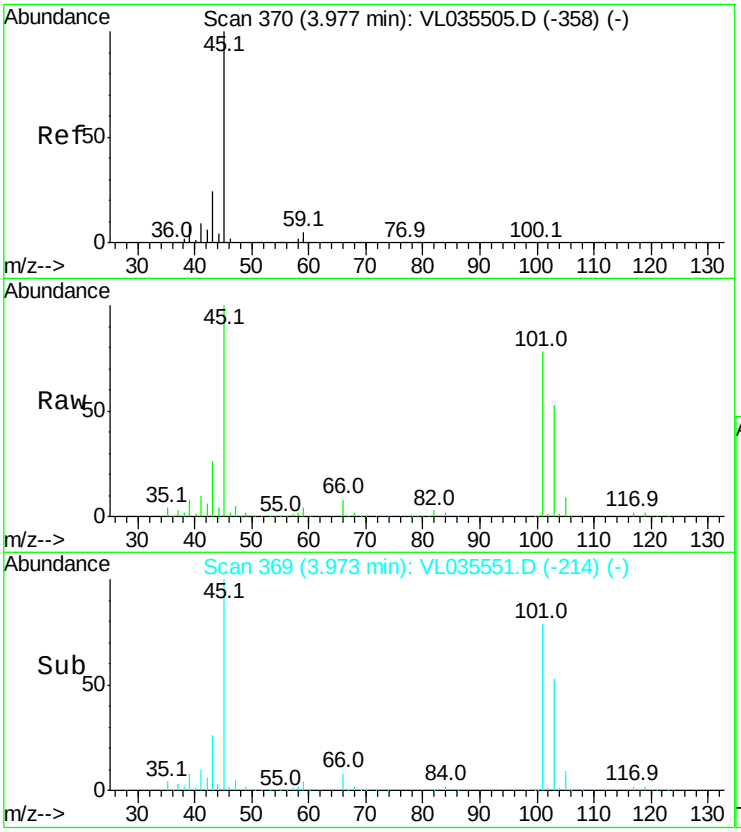


#18
1,1-Dichloroethene
Concen: 10.928 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 96 Resp: 913698

Ion	Ratio	Lower	Upper
96	100		
61	130.2	103.0	154.6
98	65.8	52.8	79.2



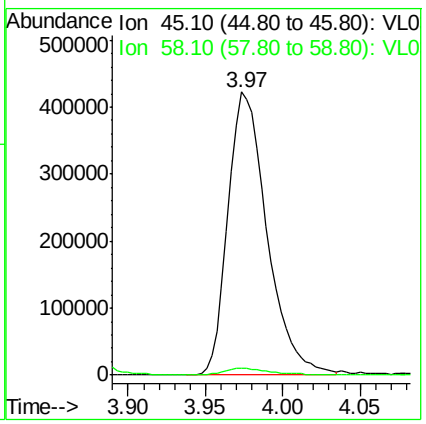


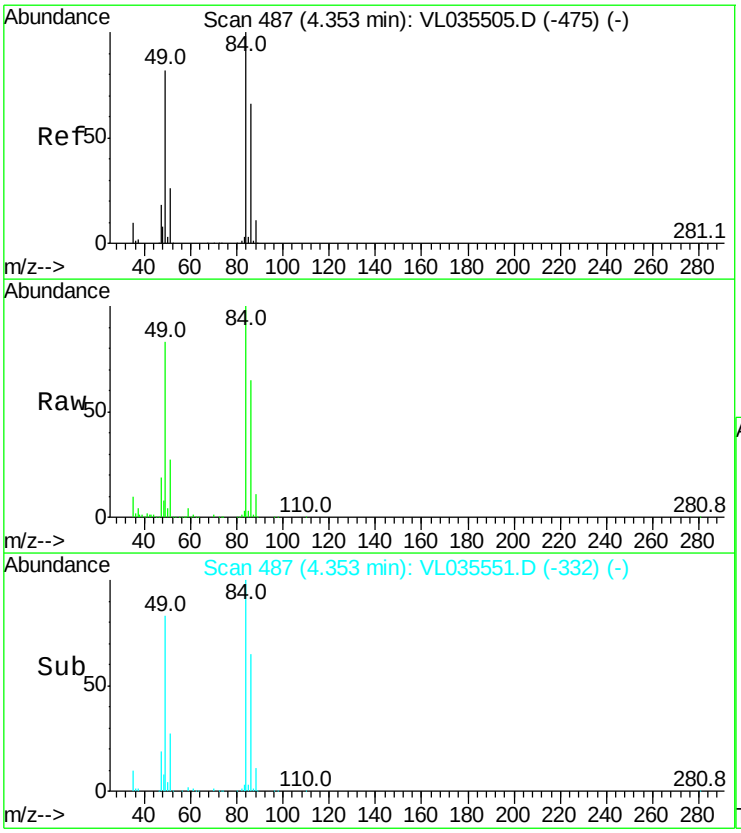
#19
Isopropyl Alcohol
Concen: 11.304 ppbv
RT: 3.97 min Scan# 369
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 740339

Ion	Ratio	Lower	Upper
45	100		
58	3.1	2.0	3.0#

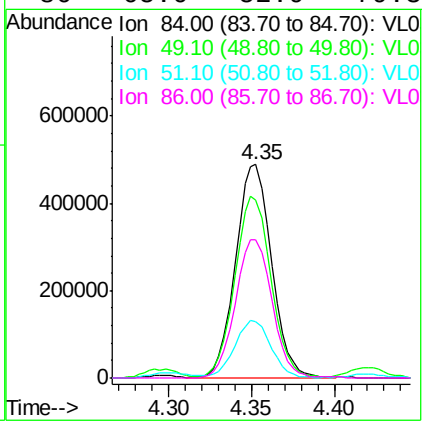


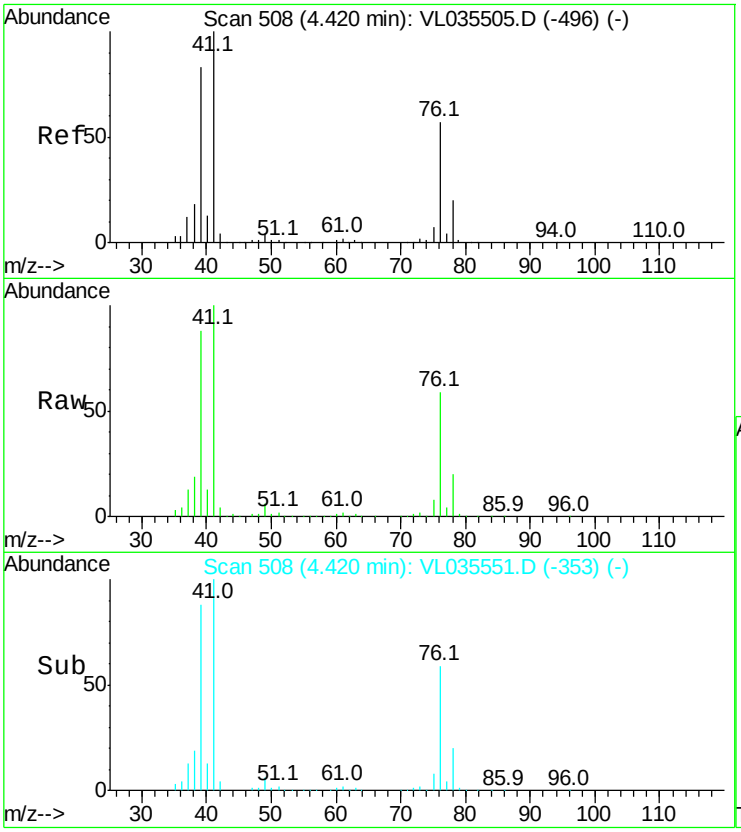


#20
Methylene Chloride
Concen: 8.992 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 84 Resp: 735241

Ion	Ratio	Lower	Upper
84	100		
49	82.2	65.4	98.0
51	26.4	21.5	32.3
86	65.0	52.9	79.3



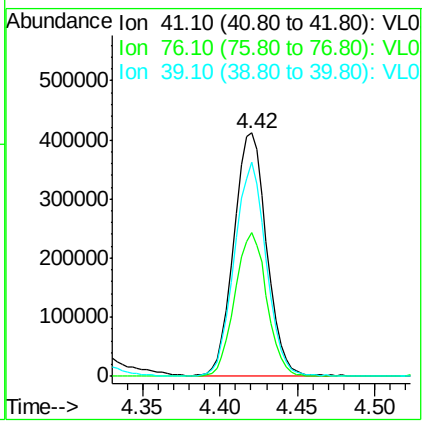


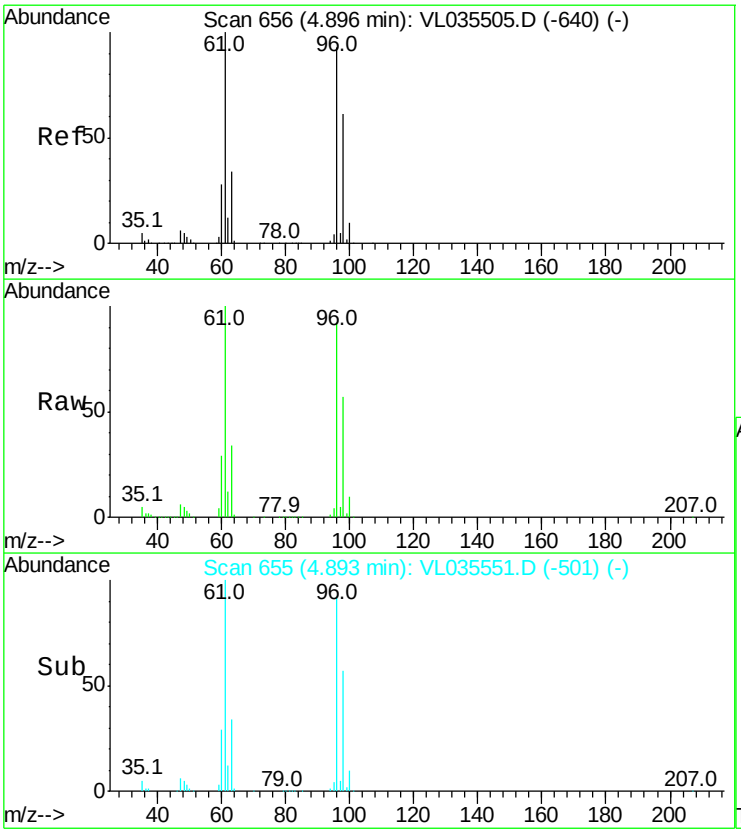
#21
Allyl Chloride
Concen: 11.700 ppbv
RT: 4.42 min Scan# 508
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 41 Resp: 601793

Ion	Ratio	Lower	Upper
41	100		
76	58.2	46.2	69.2
39	85.9	67.8	101.6

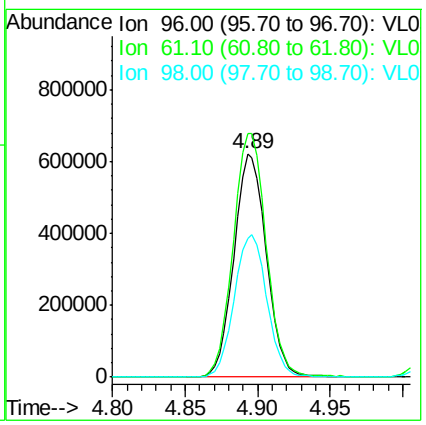


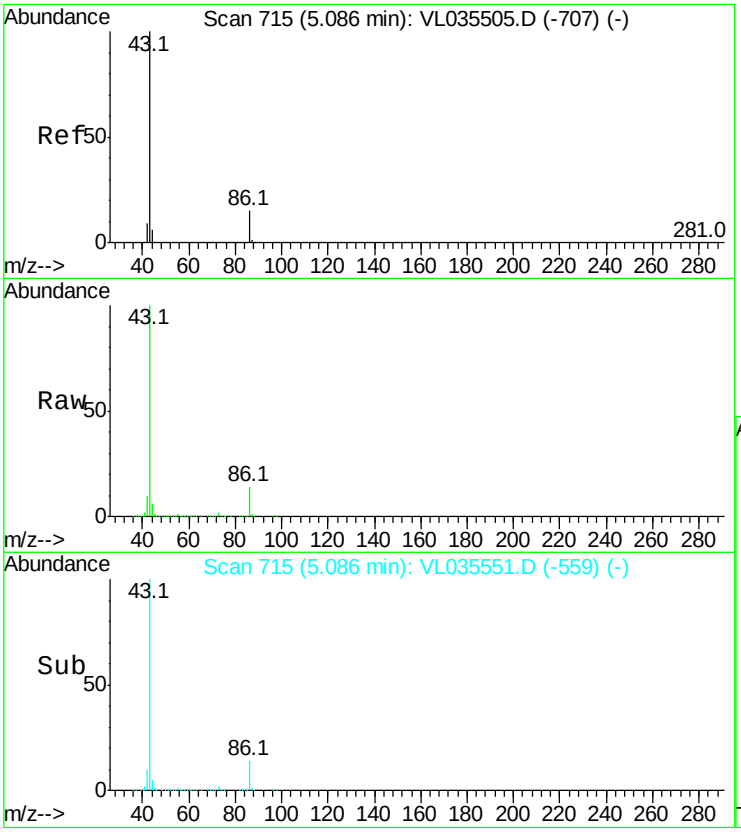


#22
trans-1,2-Dichloroethene
Concen: 10.832 ppbv
RT: 4.89 min Scan# 655
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 96 Resp: 964183

Ion	Ratio	Lower	Upper
96	100		
61	108.9	86.0	129.0
98	62.1	52.3	78.5



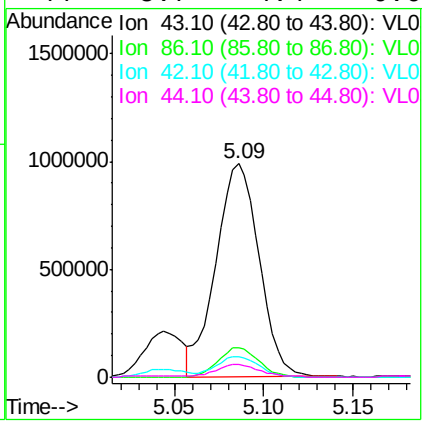


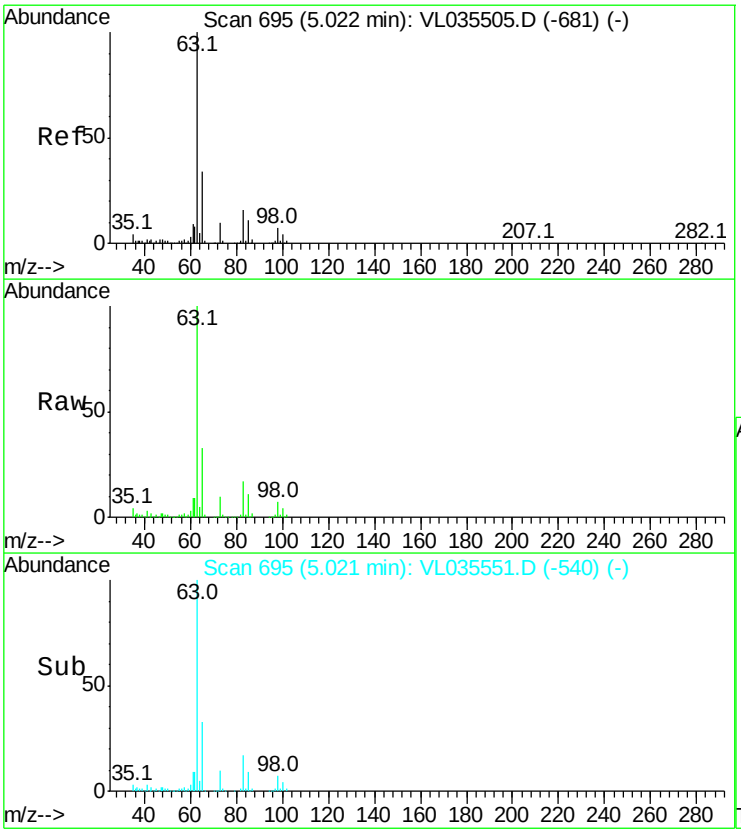
#23
Vinyl Acetate
Concen: 11.756 ppbv
RT: 5.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1656616

Ion	Ratio	Lower	Upper
43	100		
86	13.8	10.6	16.0
42	9.8	7.5	11.3
44	5.7	4.4	6.6

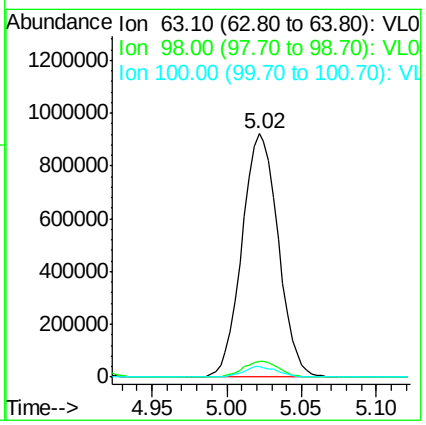


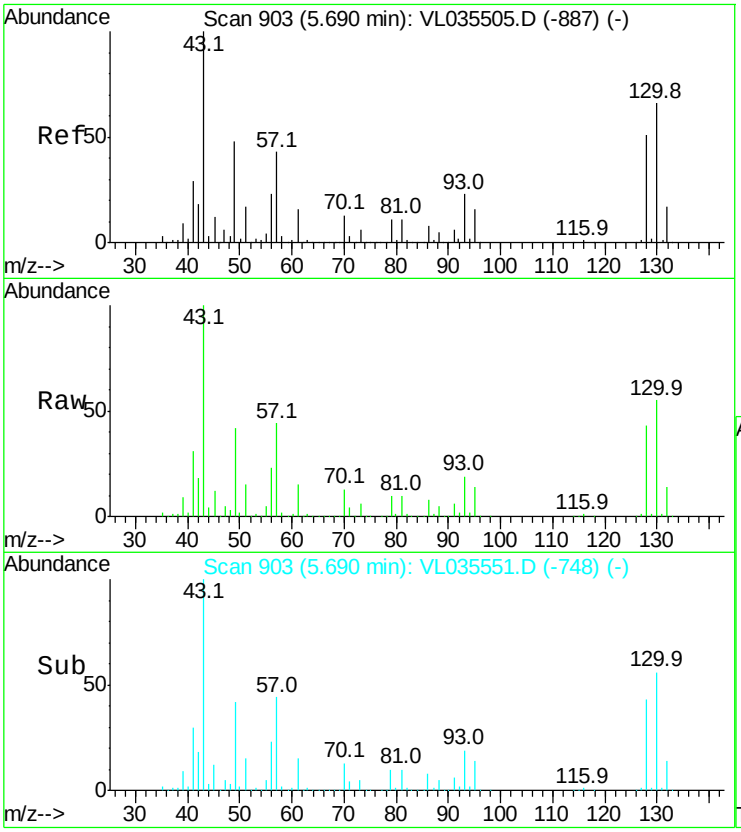


#24
1,1-Dichloroethane
Concen: 10.707 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 63 Resp: 1552708

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	4.3	2.1	6.5



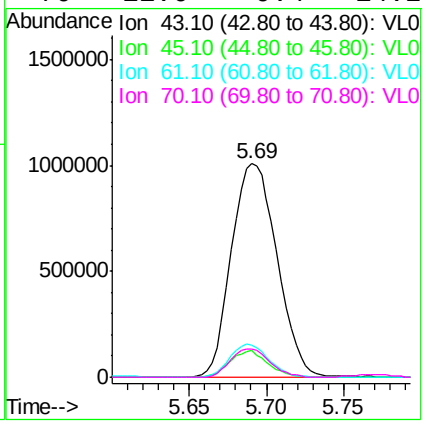


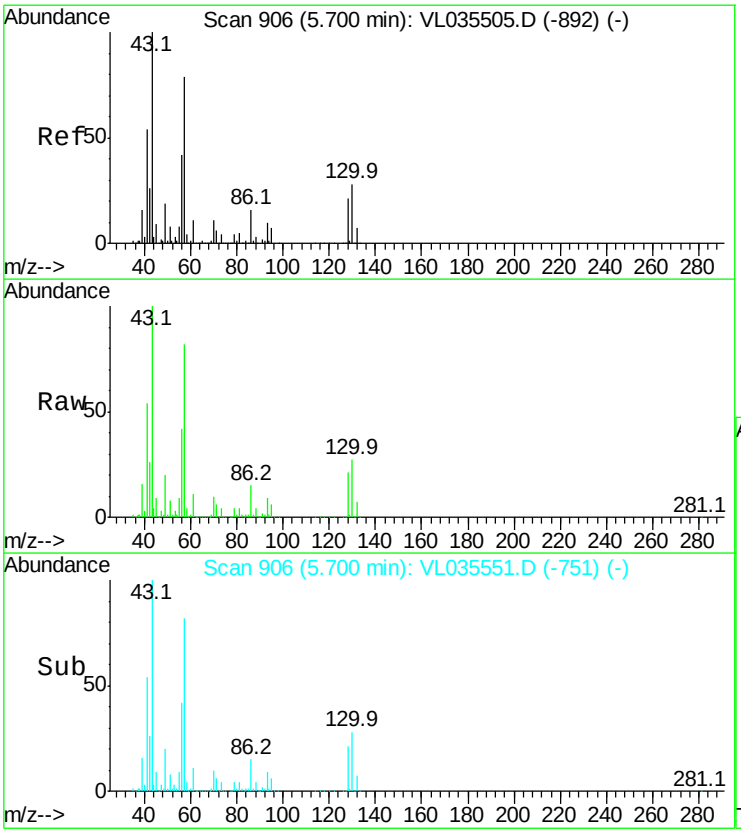
#25
Ethyl Acetate
Concen: 10.614 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2058663

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.4	12.6
61	13.3	10.6	16.0
70	11.6	9.4	14.2

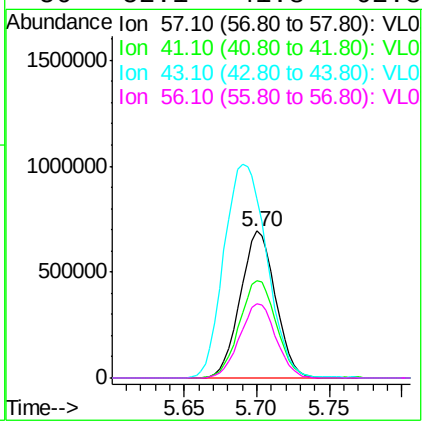


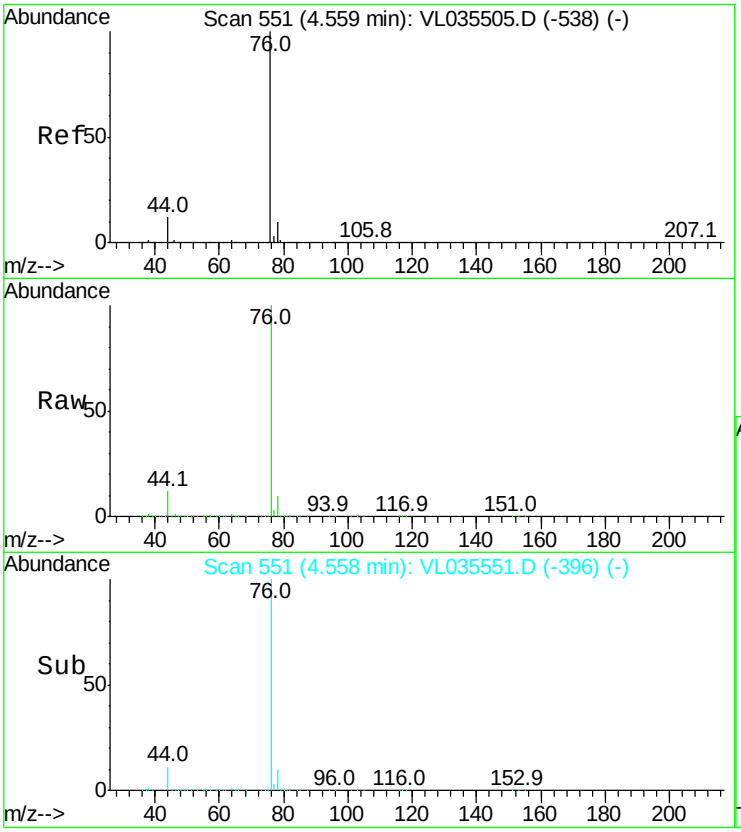


#26
Hexane
Concen: 10.661 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 57 Resp: 1171554

Ion	Ratio	Lower	Upper
57	100		
41	69.9	55.9	83.9
43	177.1	141.8	212.8
56	52.1	41.8	62.8



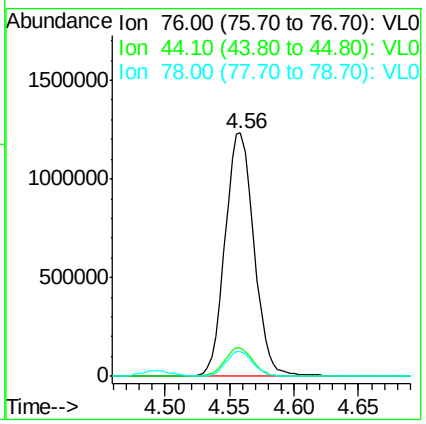


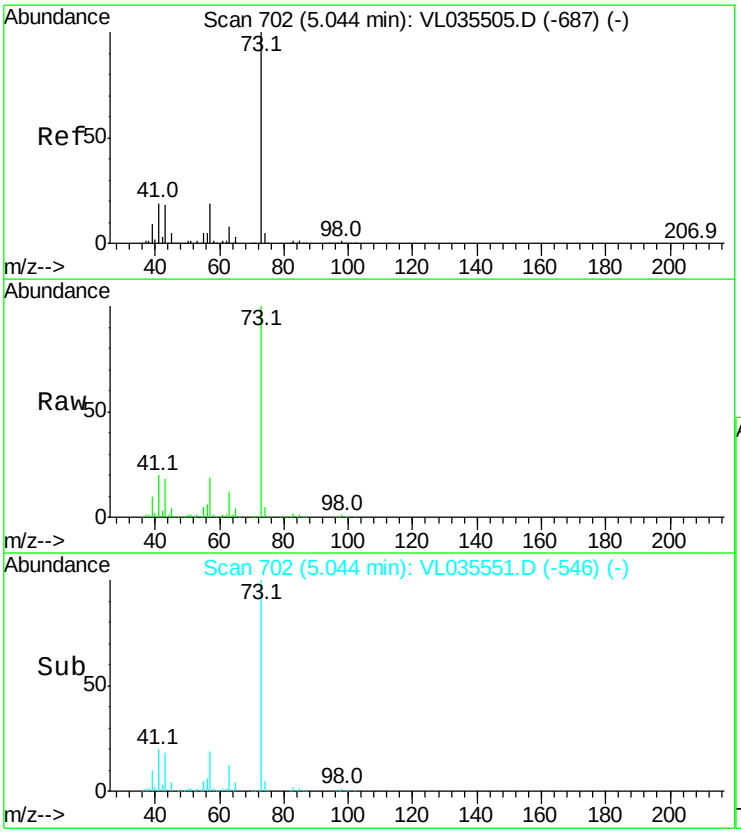
#27
Carbon Disulfide
Concen: 12.165 ppbv
RT: 4.56 min Scan# 551
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1918362

Ion	Ratio	Lower	Upper
76	100		
44	11.4	9.3	13.9
78	9.9	7.8	11.6

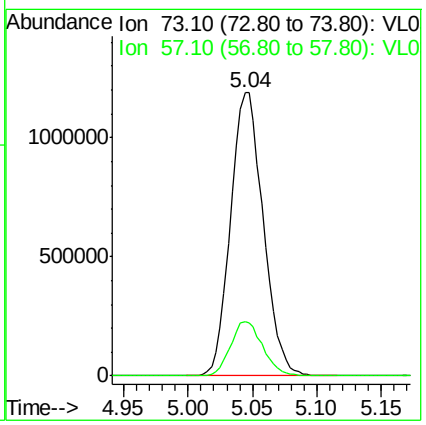


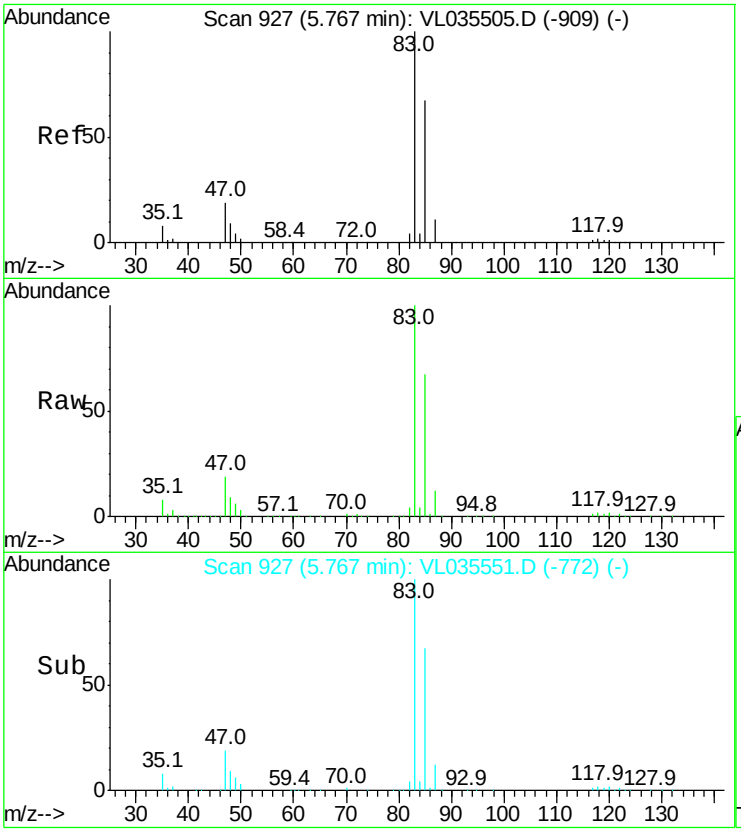


#28
Methyl tert-Butyl Ether
Concen: 10.913 ppbv
RT: 5.04 min Scan# 702
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 73 Resp: 2090236

Ion	Ratio	Lower	Upper
73	100		
57	19.1	15.2	22.8



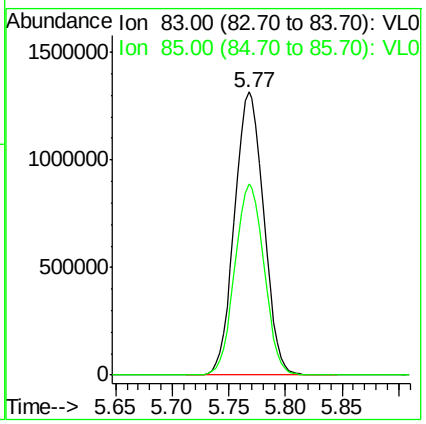


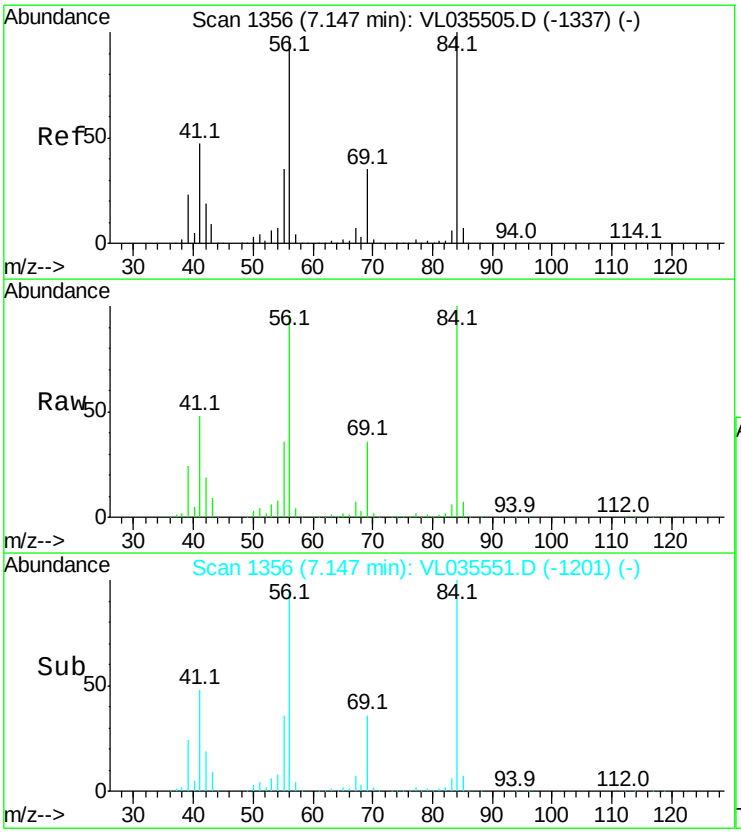
#29
Chloroform
Concen: 10.616 ppbv
RT: 5.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2377007

Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.9	80.9

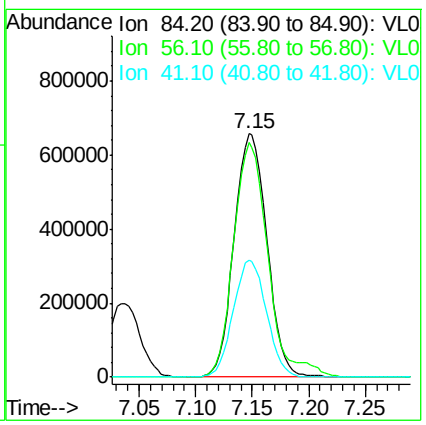


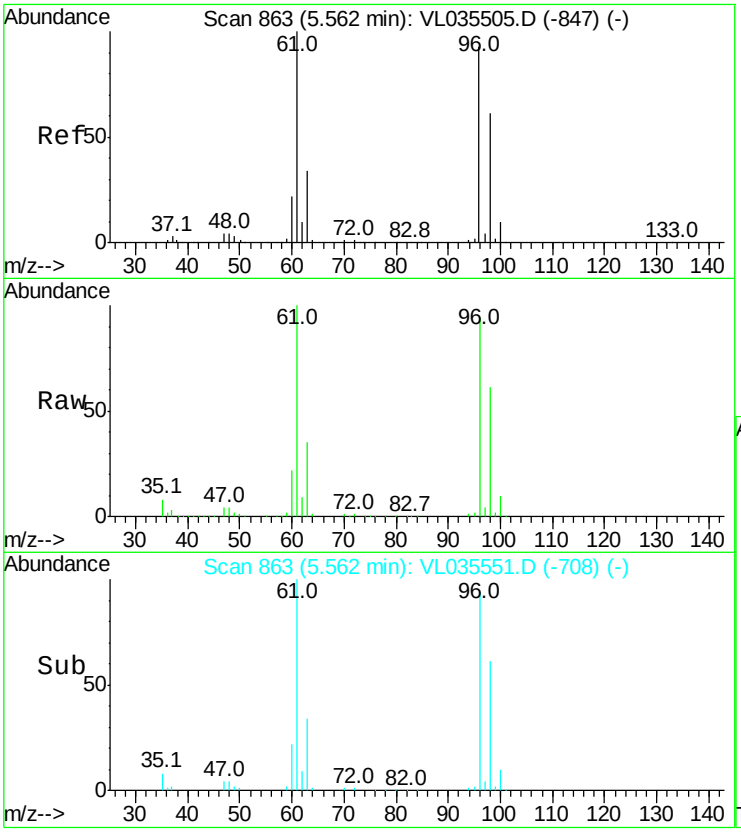


#30
Cyclohexane
Concen: 11.287 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 84 Resp: 1328758

Ion	Ratio	Lower	Upper
84	100		
56	101.4	80.1	120.1
41	48.5	38.1	57.1



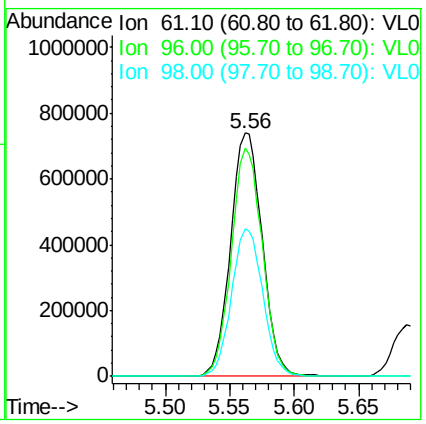


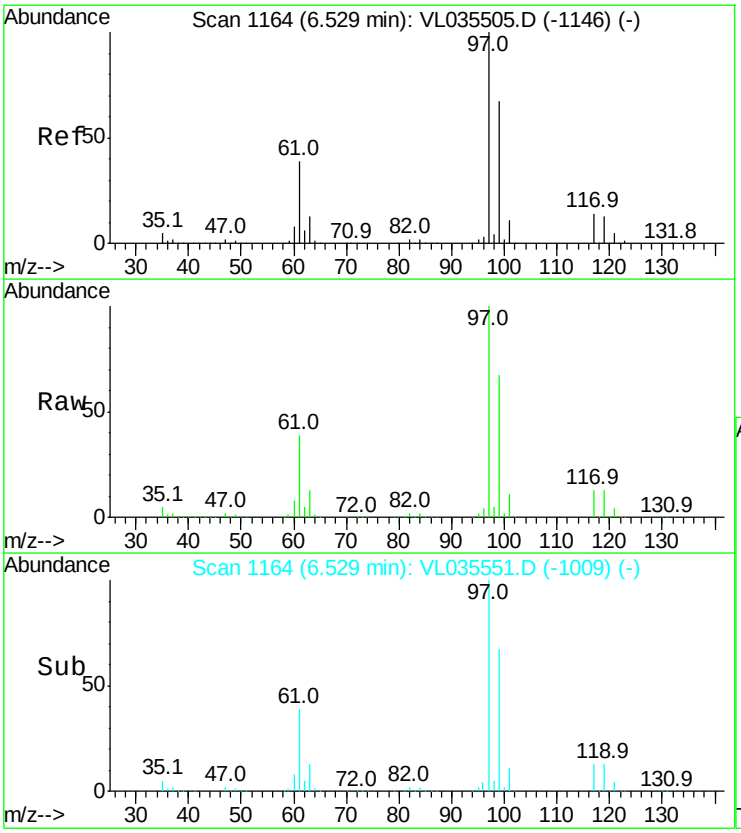
#31
cis-1,2-Dichloroethene
Concen: 11.203 ppbv
RT: 5.56 min Scan# 863
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1263064

Ion	Ratio	Lower	Upper
61	100		
96	93.8	74.4	111.6
98	60.7	49.2	73.8

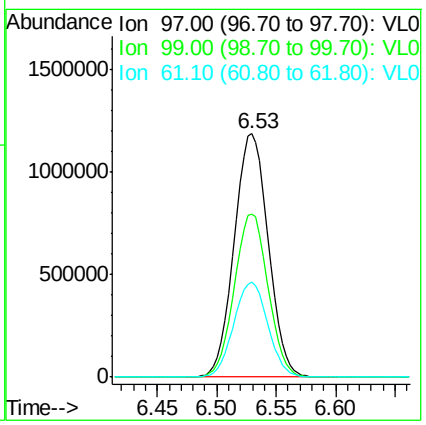


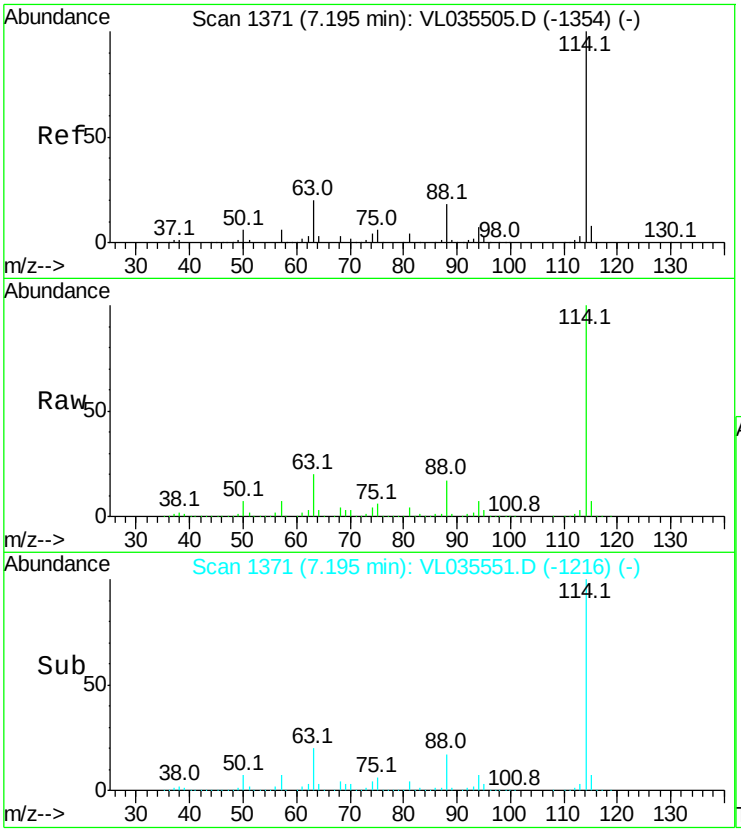


#32
1,1,1-Trichloroethane
Concen: 10.836 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 97 Resp: 2353615

Ion	Ratio	Lower	Upper
97	100		
99	66.6	53.3	79.9
61	39.2	30.6	46.0



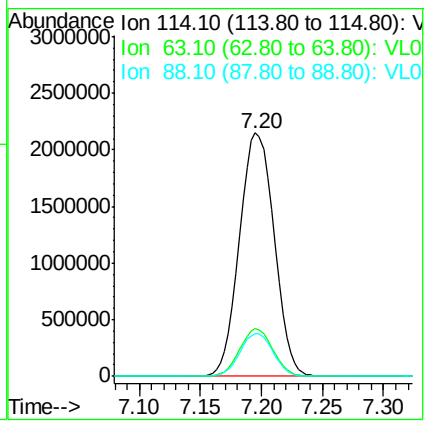


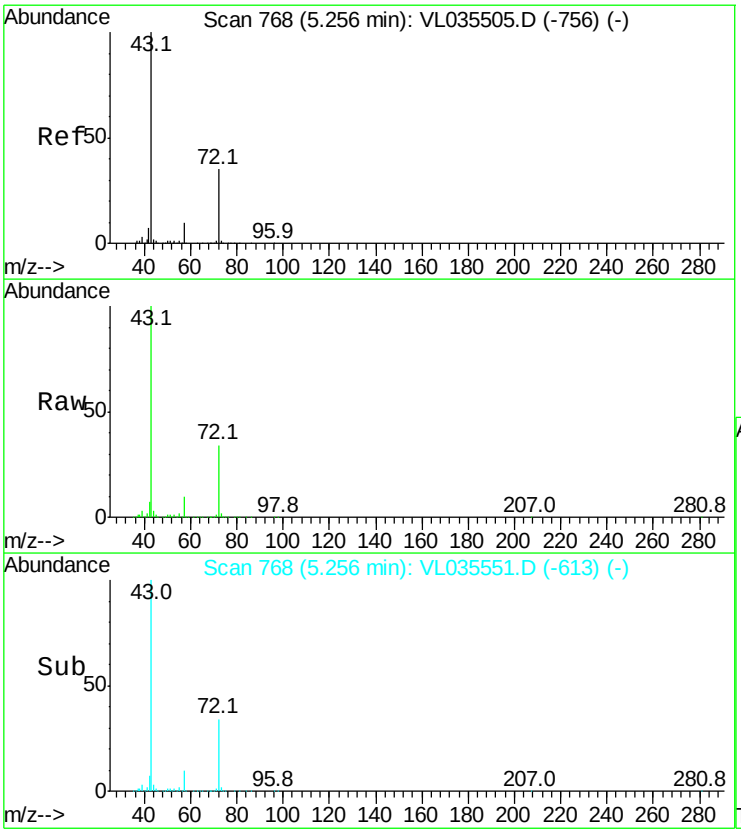
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 4236495

Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.7	22.1
88	16.8	13.4	20.2

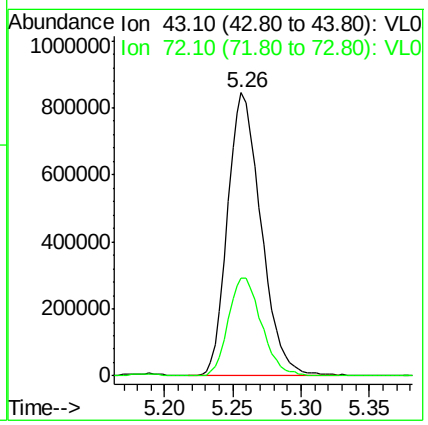


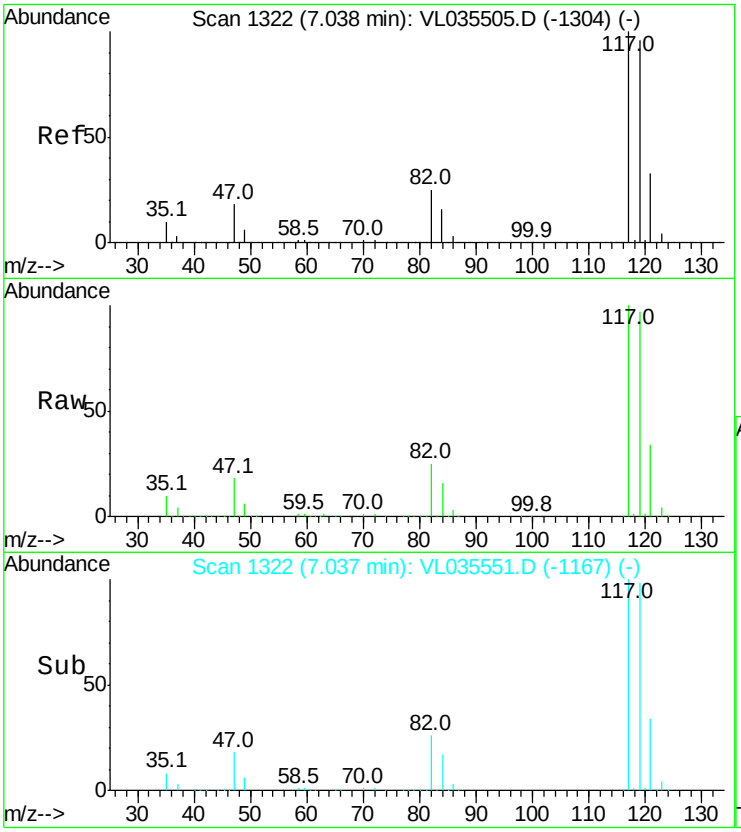


#34
2-Butanone
Concen: 11.473 ppbv
RT: 5.26 min Scan# 768
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 43 Resp: 1442446

Ion	Ratio	Lower	Upper
43	100		
72	34.5	27.7	41.5



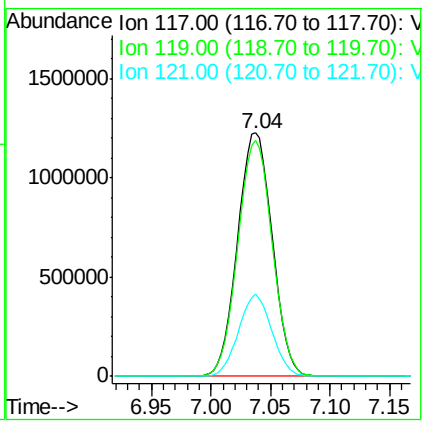


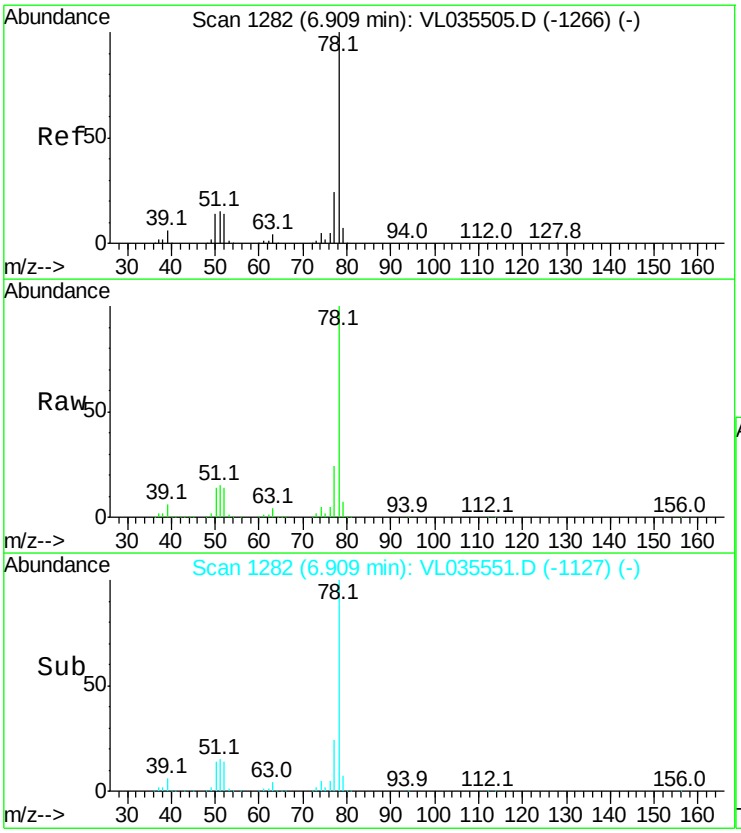
#35
Carbon Tetrachloride
Concen: 11.684 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 2487711

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.2	115.8
121	33.6	26.1	39.1

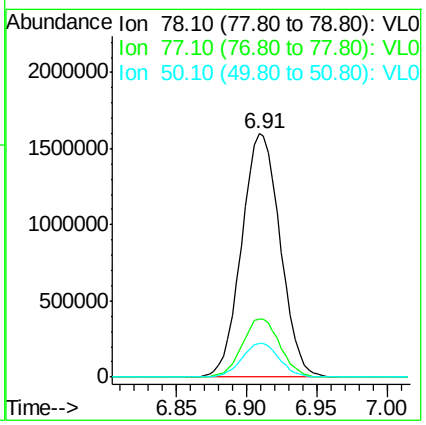


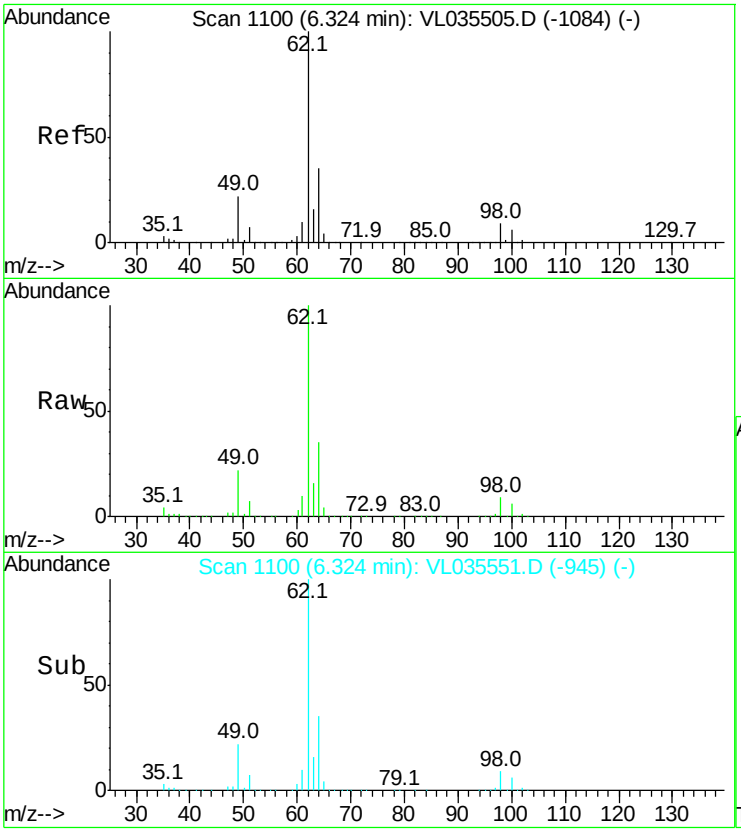


#36
Benzene
Concen: 11.163 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 78 Resp: 3061237

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9
50	13.8	11.0	16.6



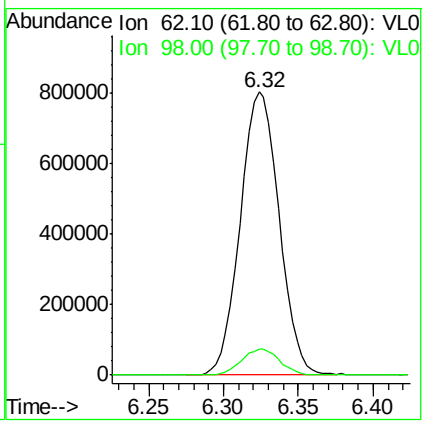


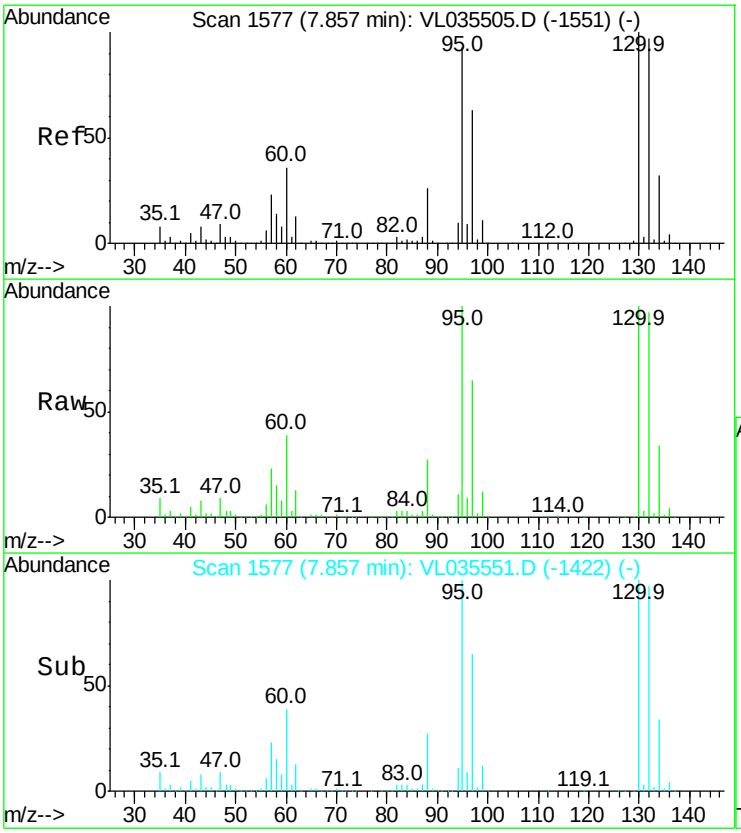
#37
1,2-Dichloroethane
Concen: 11.114 ppbv
RT: 6.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1453052

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.0

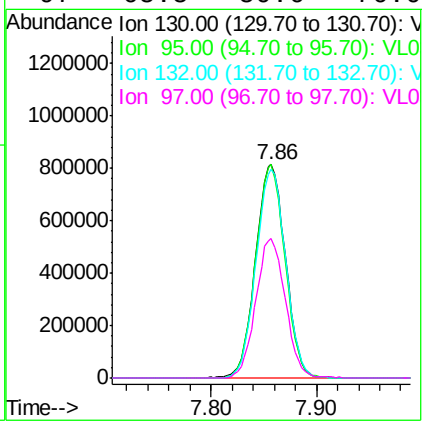


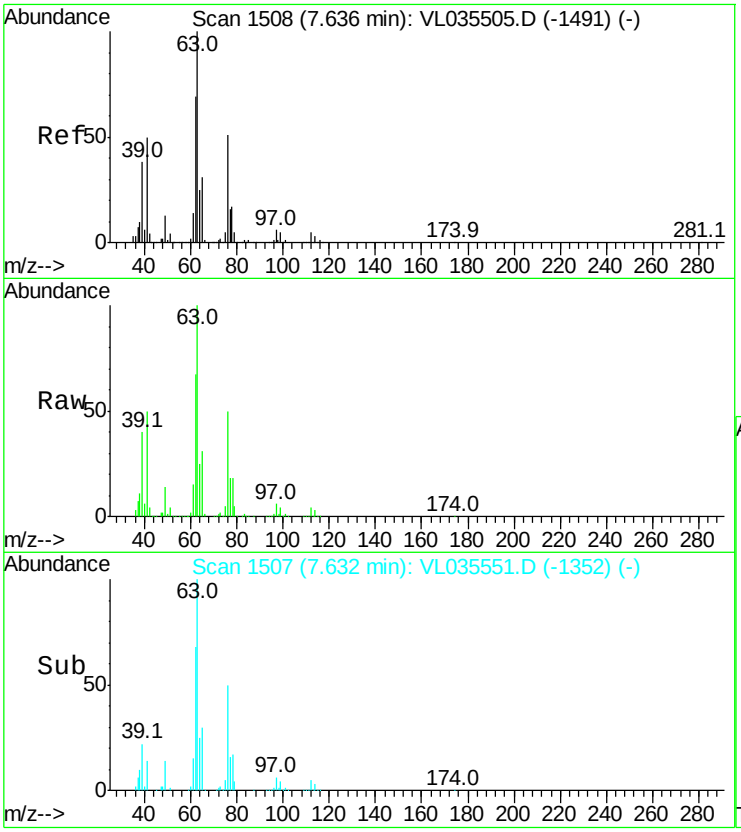


#38
Trichloroethene
Concen: 10.113 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:130 Resp: 1610915

Ion	Ratio	Lower	Upper
130	100		
95	100.1	74.6	112.0
132	97.6	77.6	116.4
97	65.5	50.6	76.0



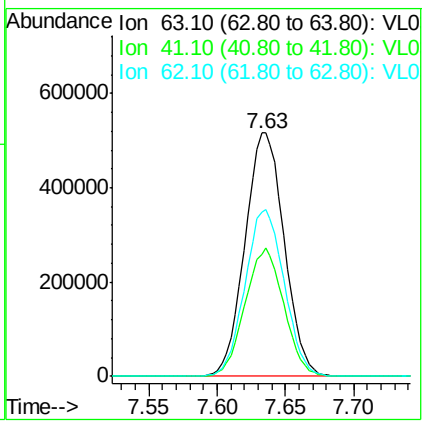


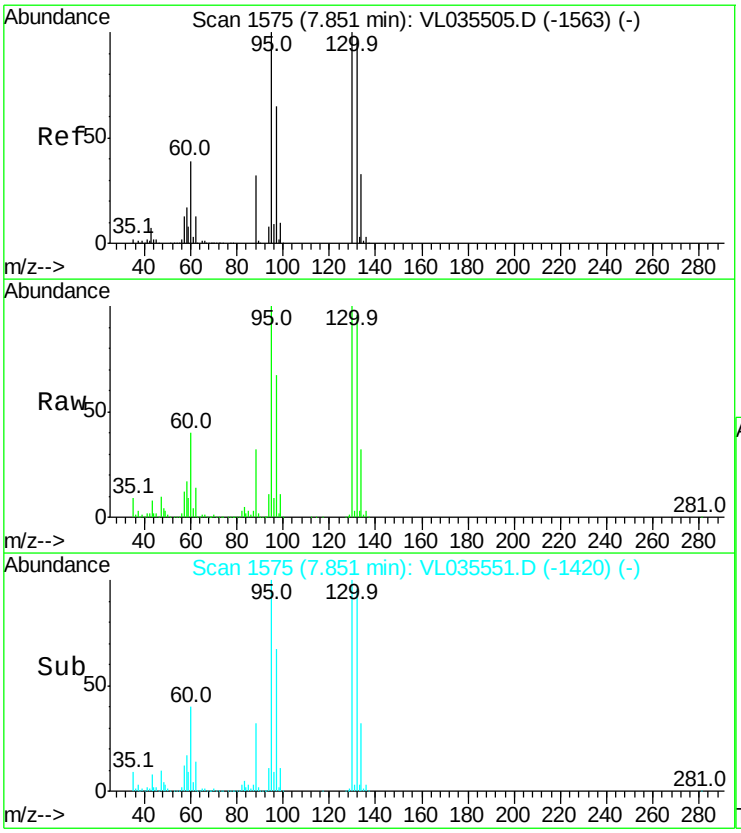
#39
1,2-Dichloropropane
Concen: 11.112 ppbv
RT: 7.63 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 1029421

Ion	Ratio	Lower	Upper
63	100		
41	50.3	40.0	60.0
62	67.4	55.4	83.0

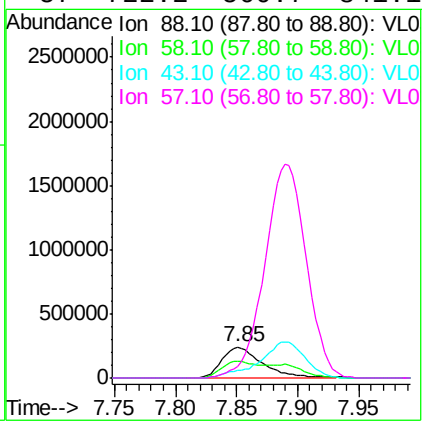


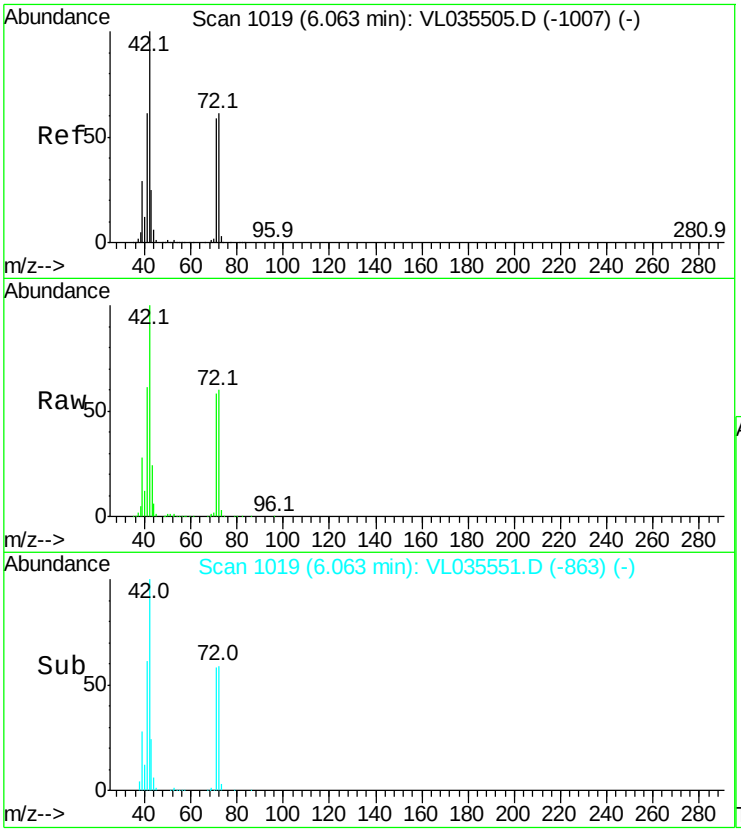


#40
1,4-Dioxane
Concen: 11.888 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 88 Resp: 550159

Ion	Ratio	Lower	Upper
88	100		
58	89.5	68.7	103.1
43	134.2	104.3	156.5
57	722.2	560.7	841.1



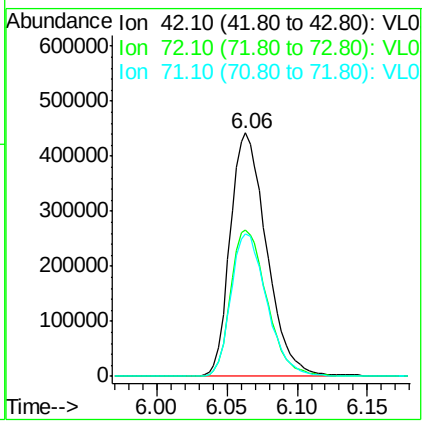


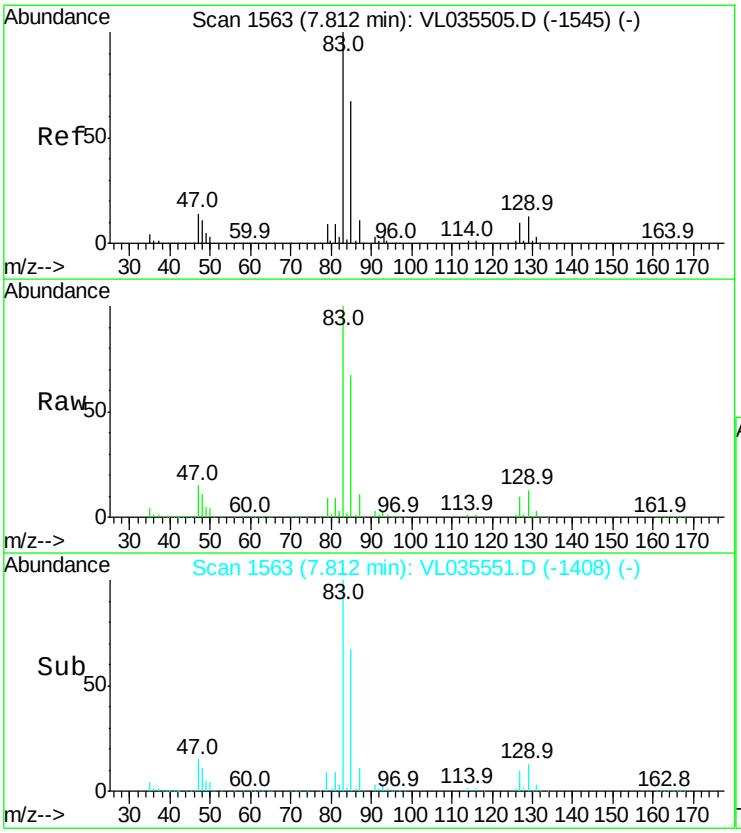
#41
Tetrahydrofuran
Concen: 12.017 ppbv
RT: 6.06 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 801167

Ion	Ratio	Lower	Upper
42	100		
72	60.1	48.6	73.0
71	57.9	46.1	69.1

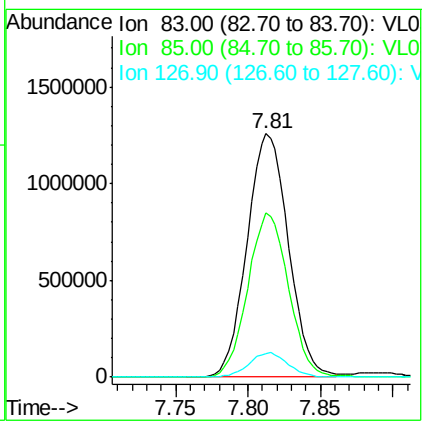


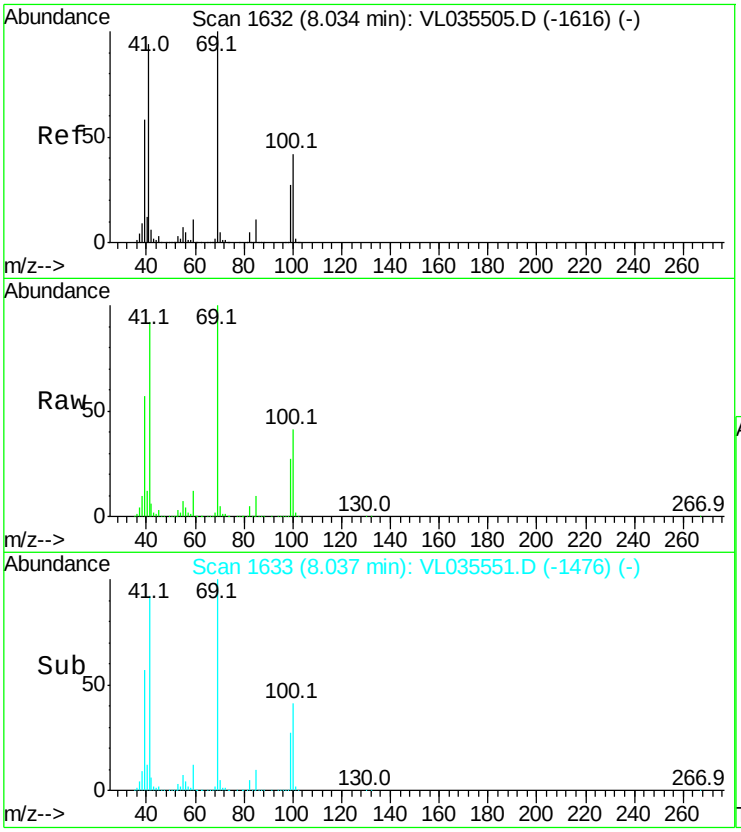


#42
Bromodichloromethane
Concen: 11.828 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 83 Resp: 2500731

Ion	Ratio	Lower	Upper
83	100		
85	67.5	53.7	80.5
127	9.6	8.1	12.1



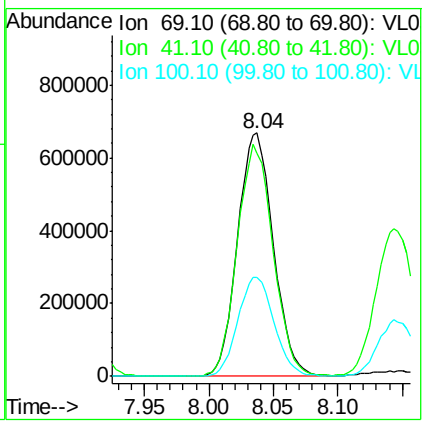


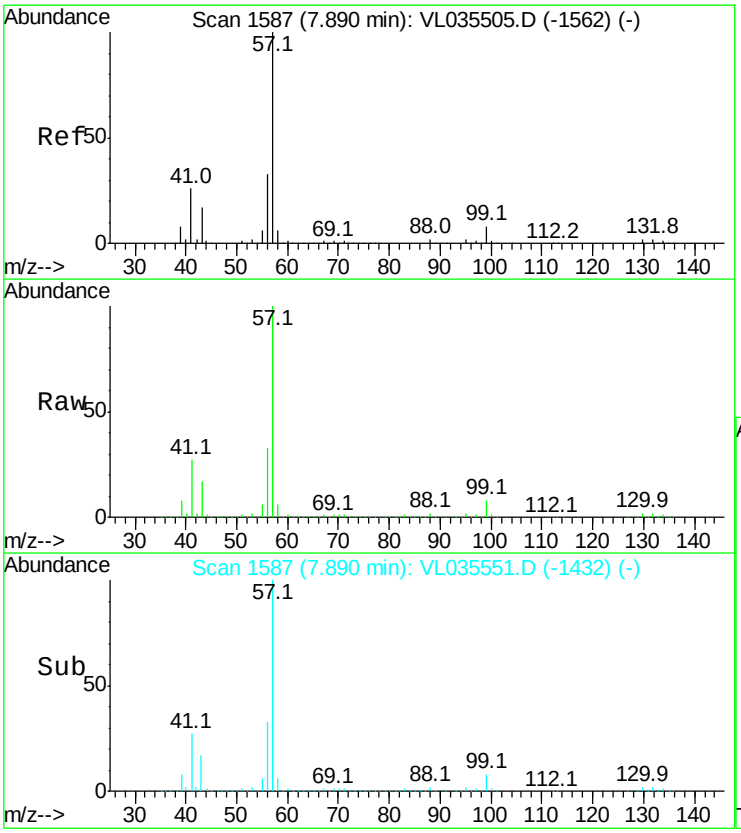
#43
Methyl Methacrylate
Concen: 12.212 ppbv
RT: 8.04 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1294922

Ion	Ratio	Lower	Upper
69	100		
41	95.5	76.6	114.8
100	41.2	33.8	50.6

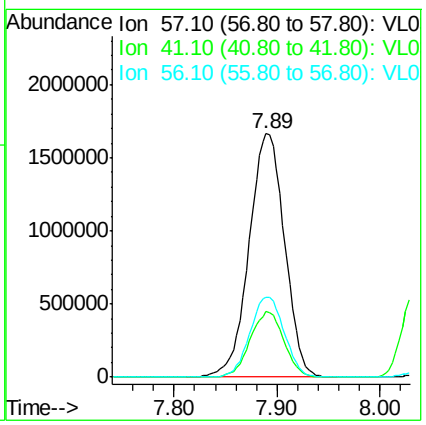


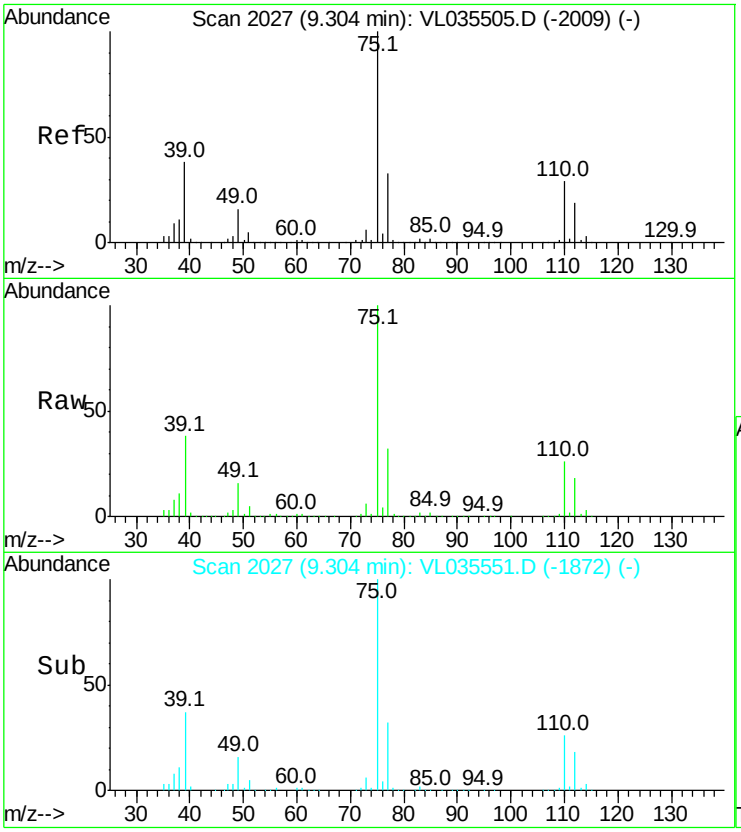


#44
2,2,4-Trimethylpentane
Concen: 10.996 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 57 Resp: 3967557

Ion	Ratio	Lower	Upper
57	100		
41	25.7	20.5	30.7
56	31.9	25.3	37.9



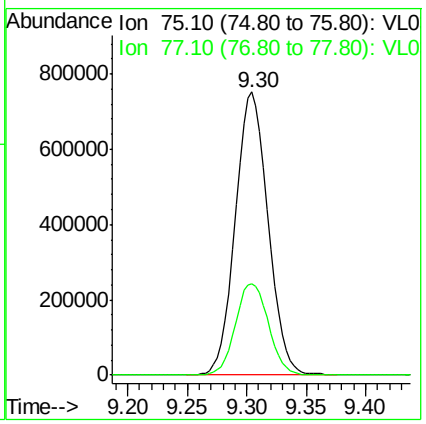


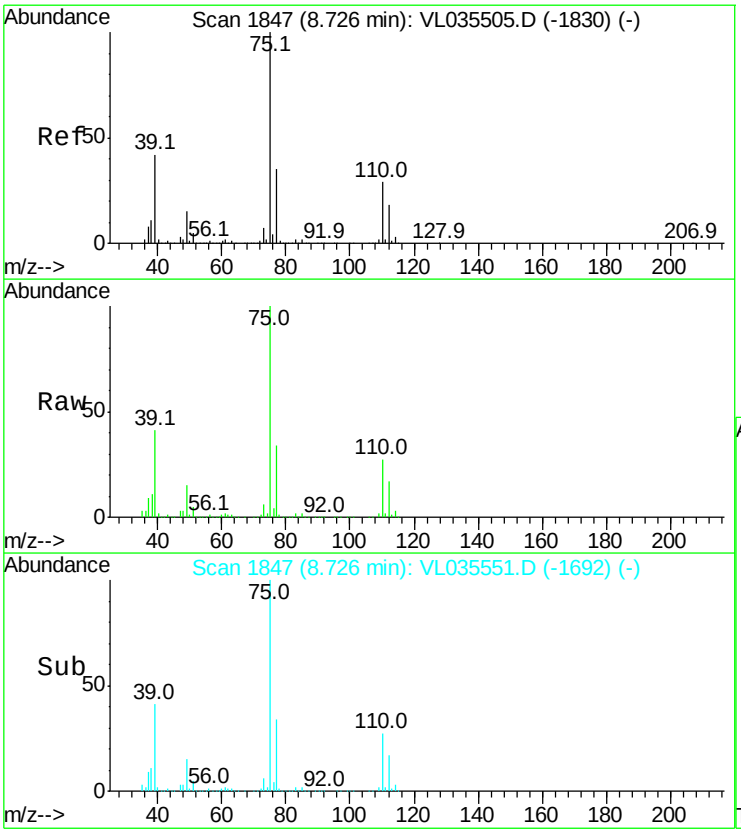
#45
t-1,3-Dichloropropene
Concen: 13.346 ppbv
RT: 9.30 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1433698

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.5	39.7

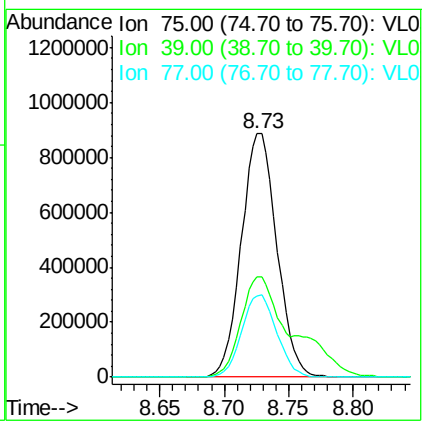


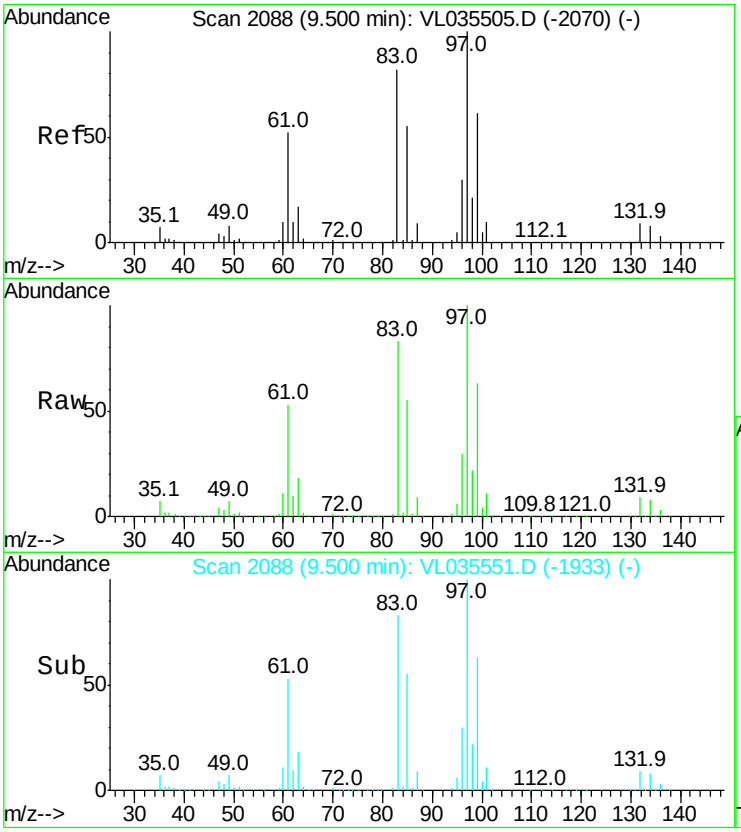


#46
cis-1,3-Dichloropropene
Concen: 12.772 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 75 Resp: 1703461

Ion	Ratio	Lower	Upper
75	100		
39	41.2	33.7	50.5
77	33.5	27.8	41.6



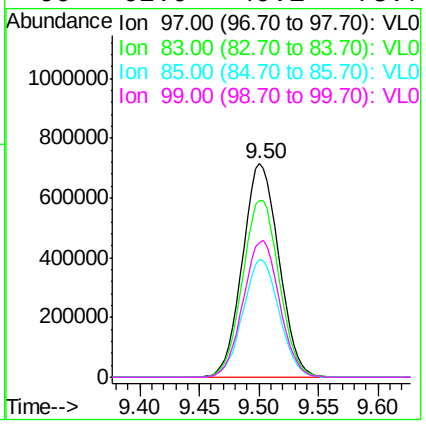


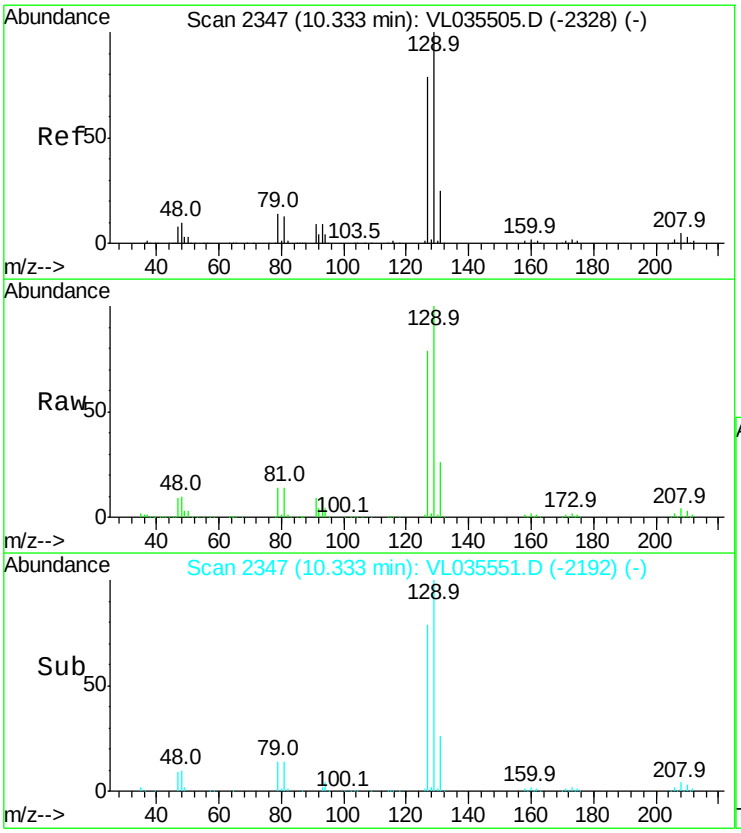
#47
1,1,2-Trichloroethane
Concen: 11.098 ppbv
RT: 9.50 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 1517097

Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.4	98.2
85	55.2	43.7	65.5
99	62.9	49.1	73.7

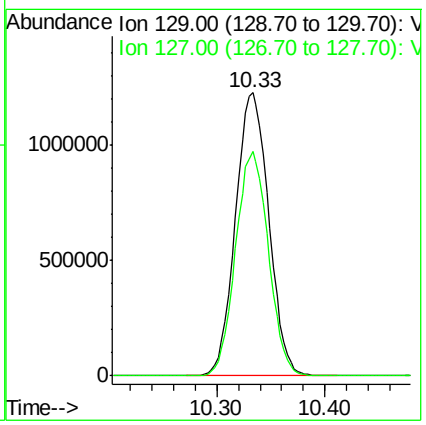


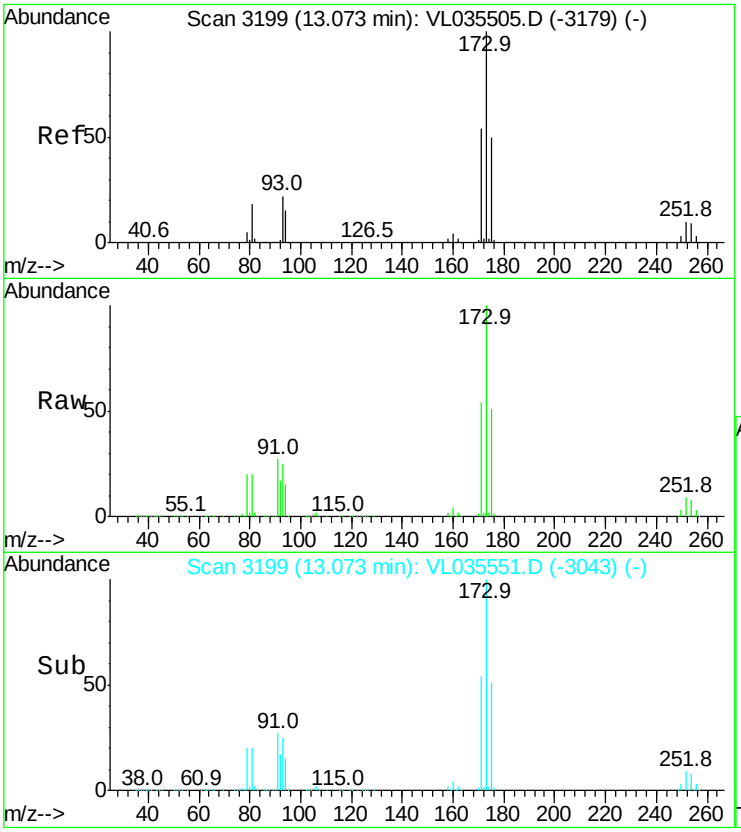


#48
Dibromochloromethane
Concen: 12.222 ppbv
RT: 10.33 min Scan# 2347
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:129 Resp: 2629461

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.3	117.8



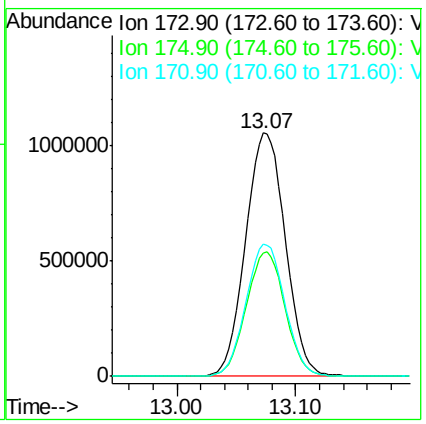


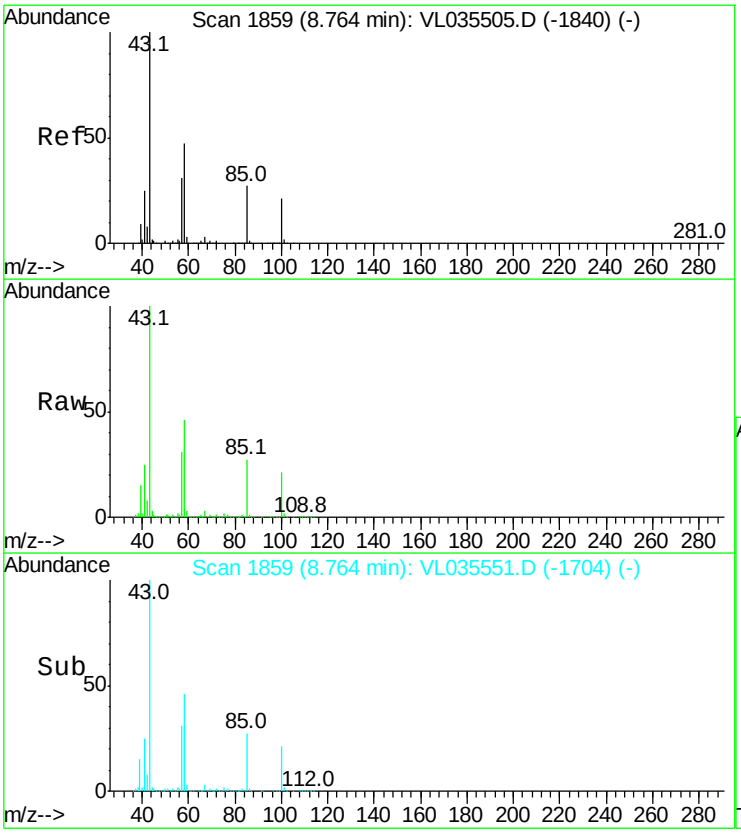
#49
Bromoform
Concen: 12.500 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 2437182

Ion	Ratio	Lower	Upper
173	100		
175	50.2	39.8	59.8
171	53.4	42.4	63.6

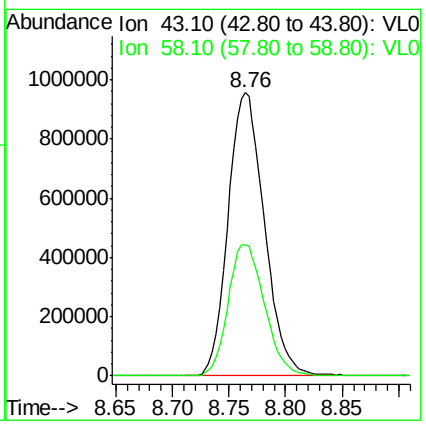


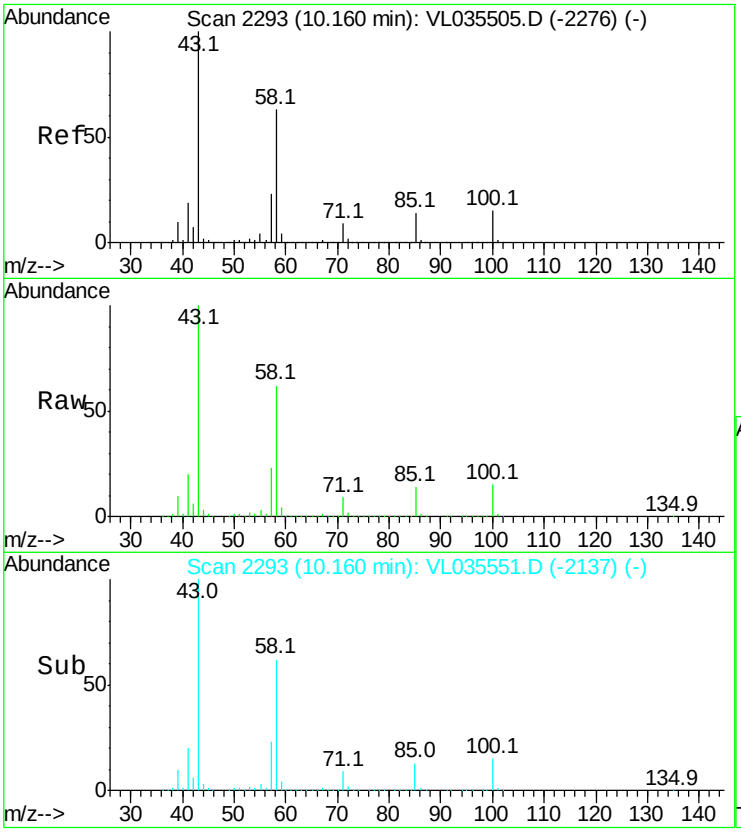


#50
4-Methyl-2-Pentanone
Concen: 11.711 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 43 Resp: 2132133

Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.4	56.0



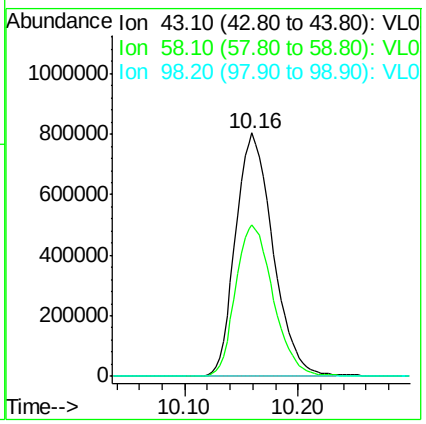


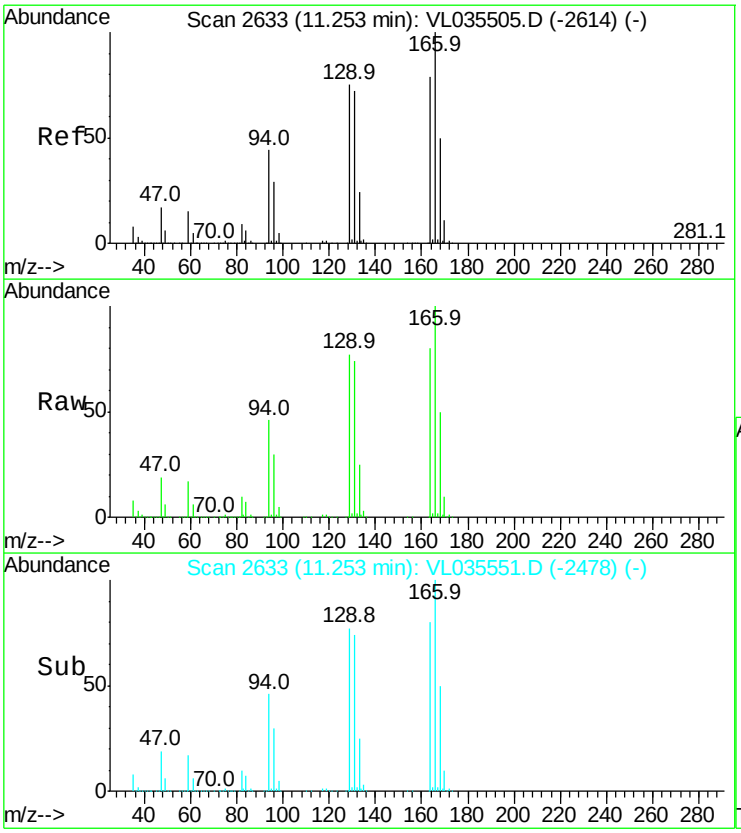
#51
2-Hexanone
Concen: 12.423 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1855336

Ion	Ratio	Lower	Upper
43	100		
58	62.7	50.2	75.4
98	0.6	0.4	0.6

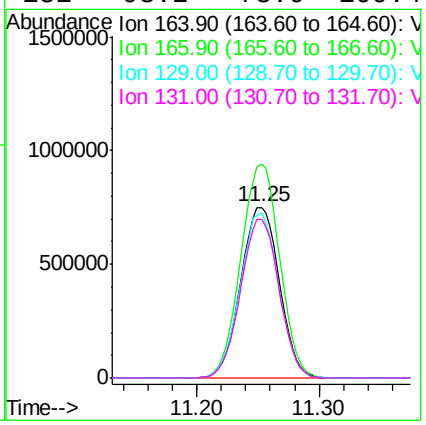


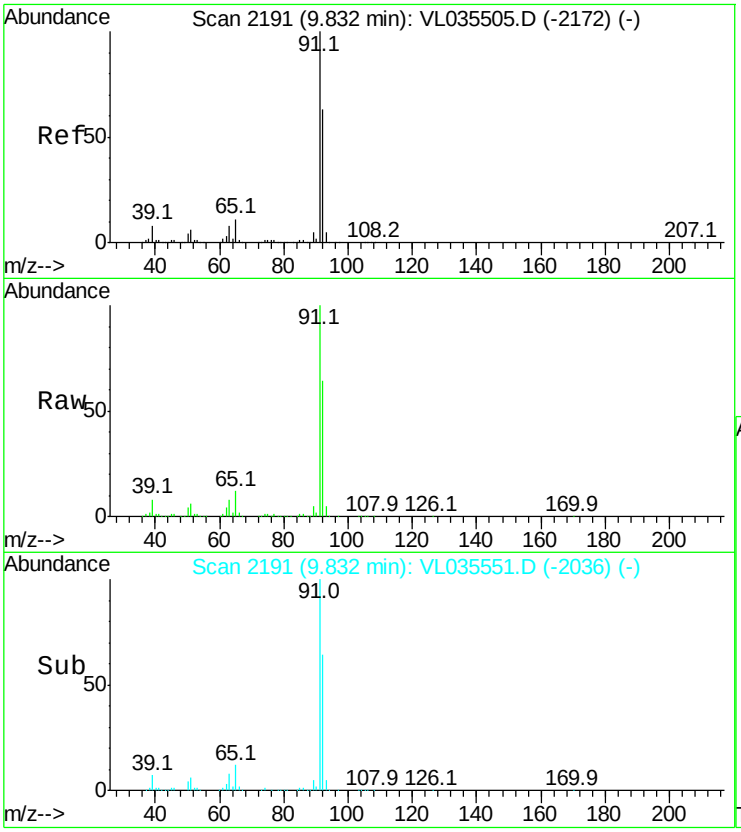


#52
Tetrachloroethene
Concen: 10.251 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:164 Resp: 1642225

Ion	Ratio	Lower	Upper
164	100		
166	125.3	100.9	151.3
129	96.9	75.3	112.9
131	93.2	73.0	109.4



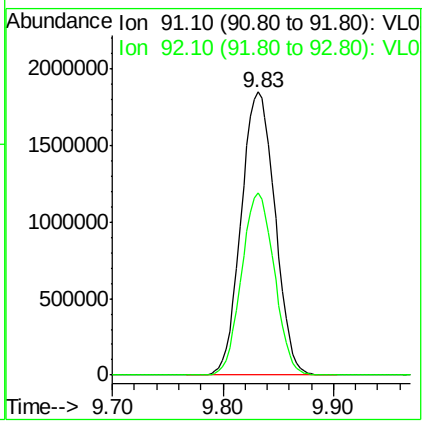


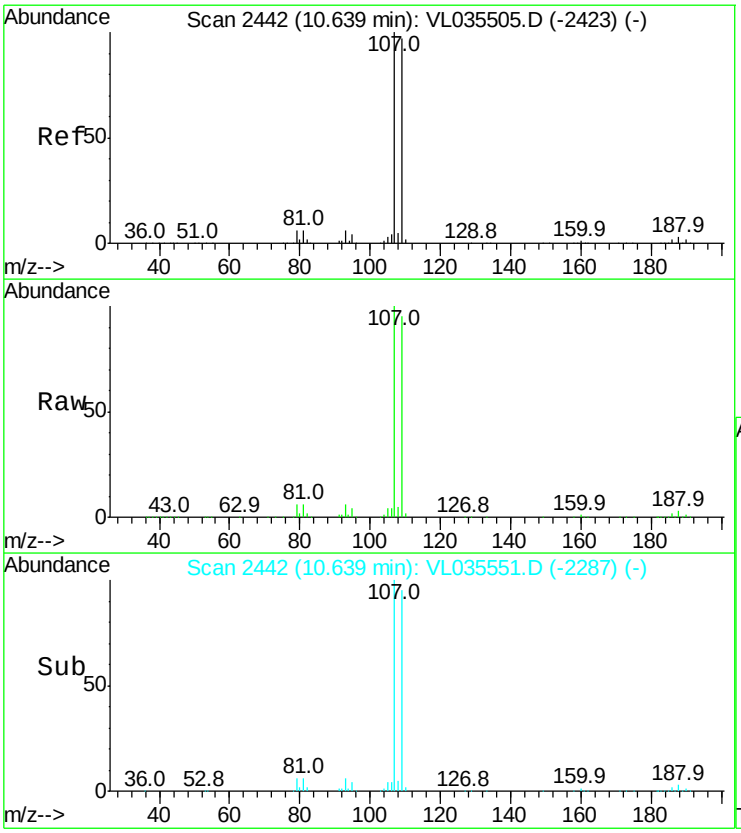
#53
Toluene
Concen: 11.400 ppbv
RT: 9.83 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3931259

Ion	Ratio	Lower	Upper
91	100		
92	62.4	49.8	74.8

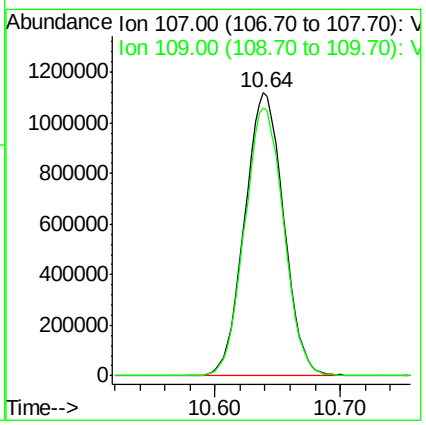


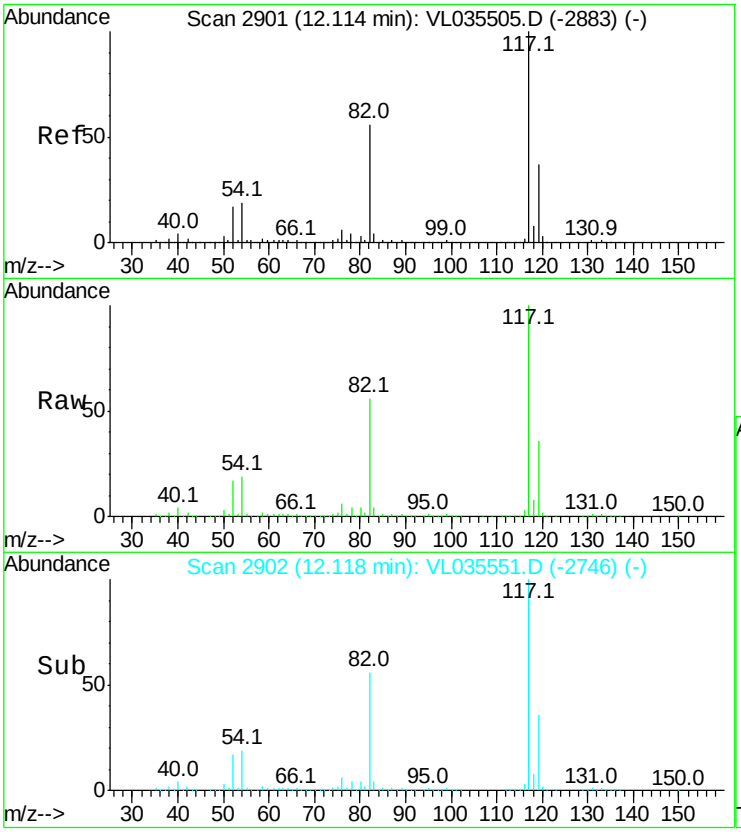


#54
1,2-Dibromoethane
Concen: 11.204 ppbv
RT: 10.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:107 Resp: 2420037

Ion	Ratio	Lower	Upper
107	100		
109	94.8	77.8	116.8



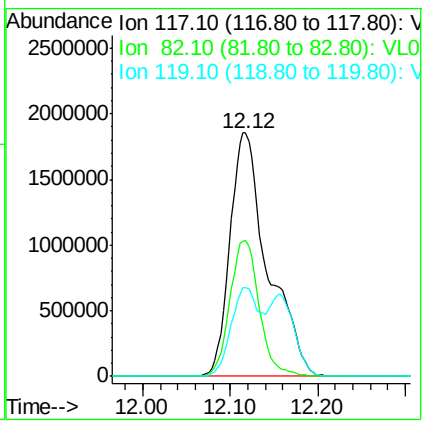


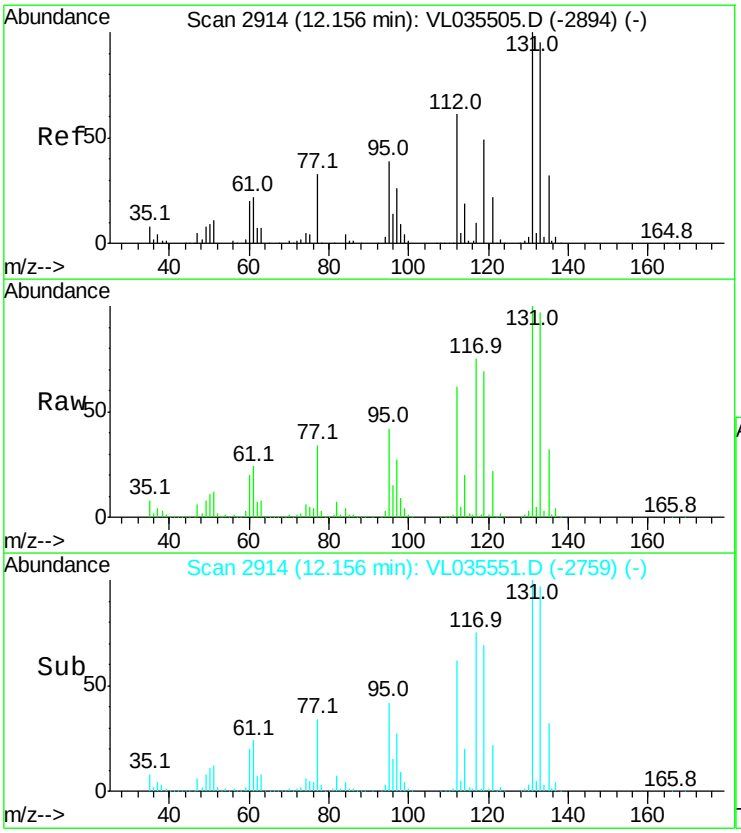
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 5567387

Ion	Ratio	Lower	Upper
117	100		
82	43.5	41.6	62.4
119	25.1	29.3	43.9#

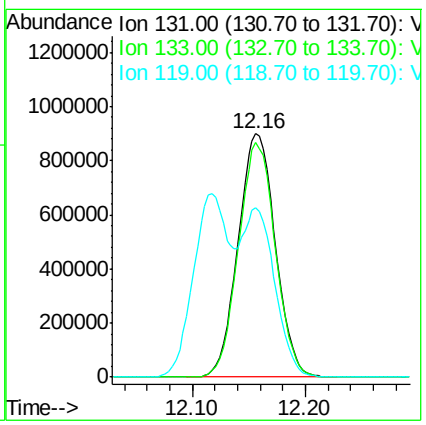


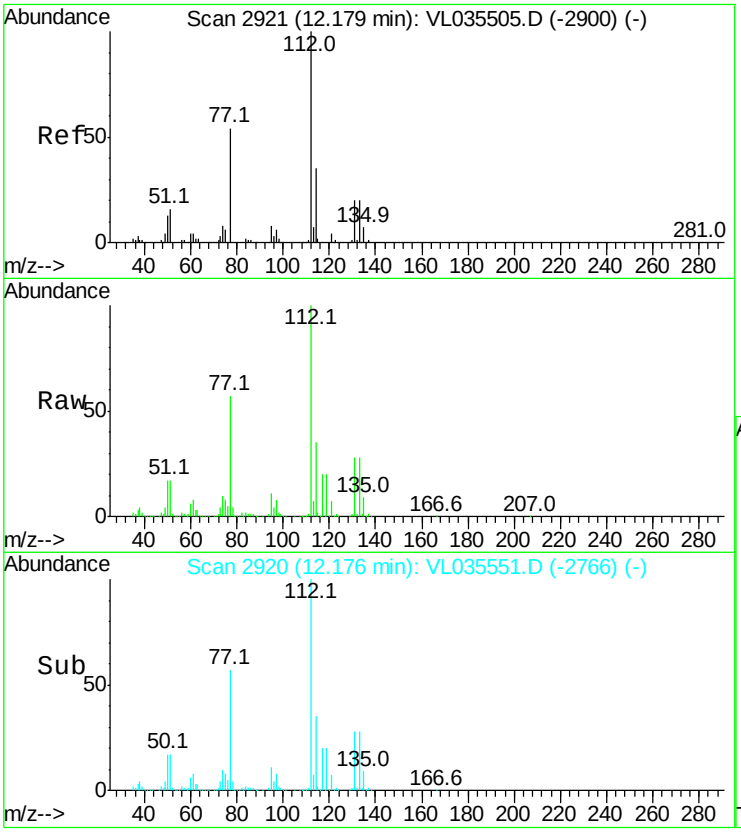


#56
1,1,1,2-Tetrachloroethane
Concen: 9.084 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:131 Resp: 2057768

Ion	Ratio	Lower	Upper
131	100		
133	95.7	76.6	115.0
119	59.9	51.6	77.4



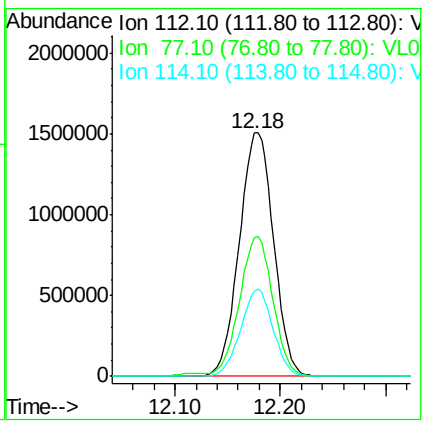


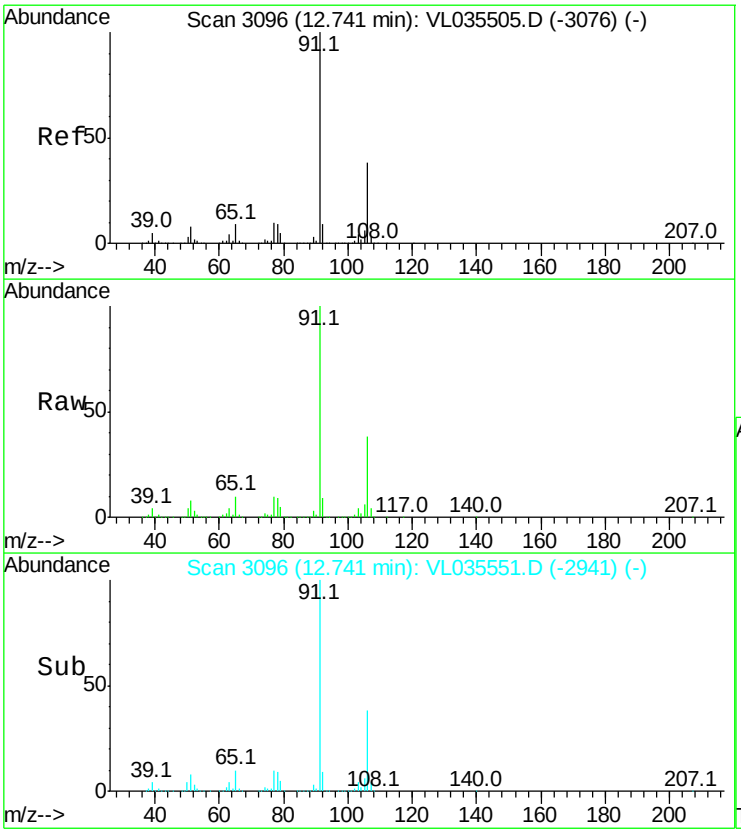
#57
Chlorobenzene
Concen: 8.320 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 3409120

Ion	Ratio	Lower	Upper
112	100		
77	56.7	44.2	66.4
114	35.1	31.6	38.6

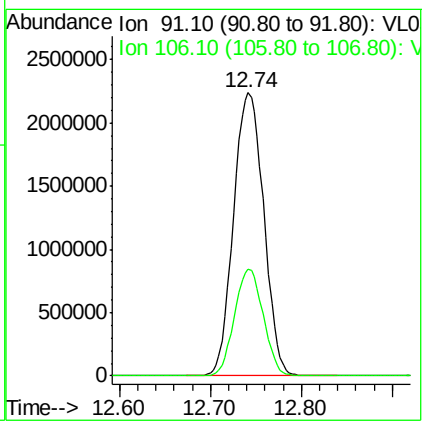


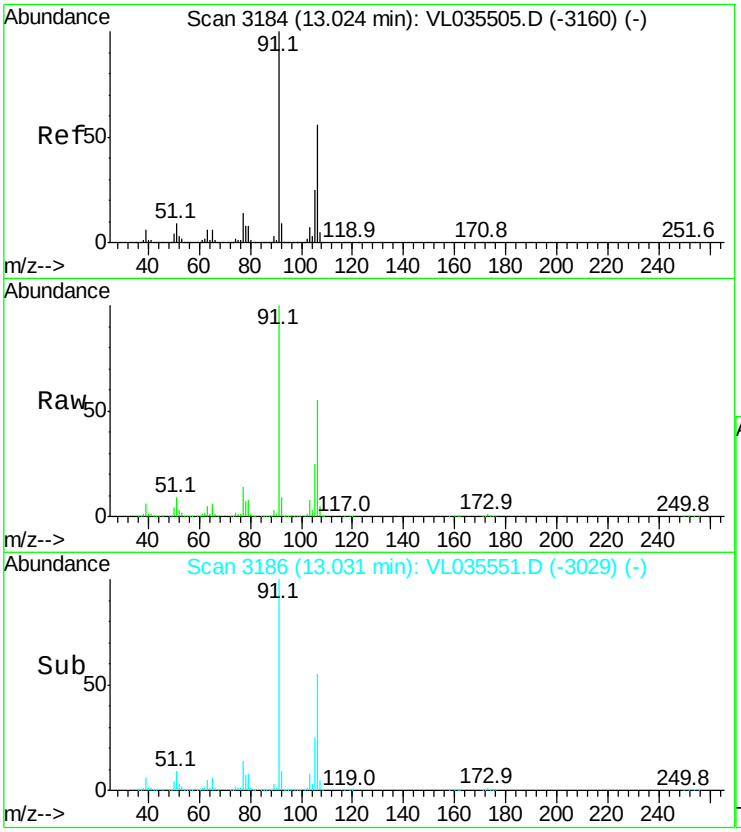


#58
Ethyl Benzene
Concen: 8.994 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 91 Resp: 5163322

Ion	Ratio	Lower	Upper
91	100		
106	37.6	30.3	45.5



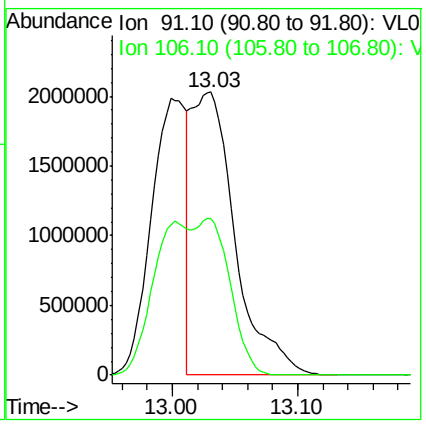


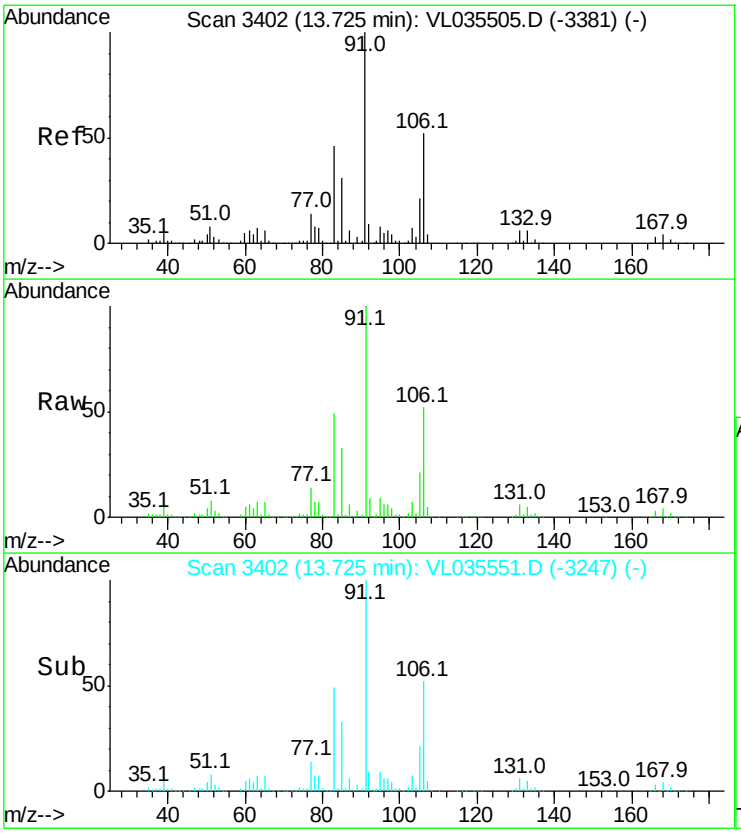
#59
m/p-Xylene
Concen: 10.199 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. 0.01 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 4892757

Ion	Ratio	Lower	Upper
91	100		
106	91.8	43.4	65.2#

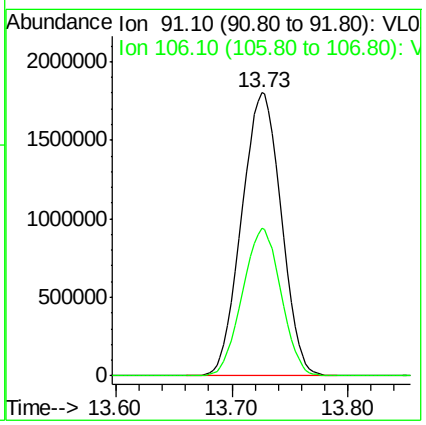


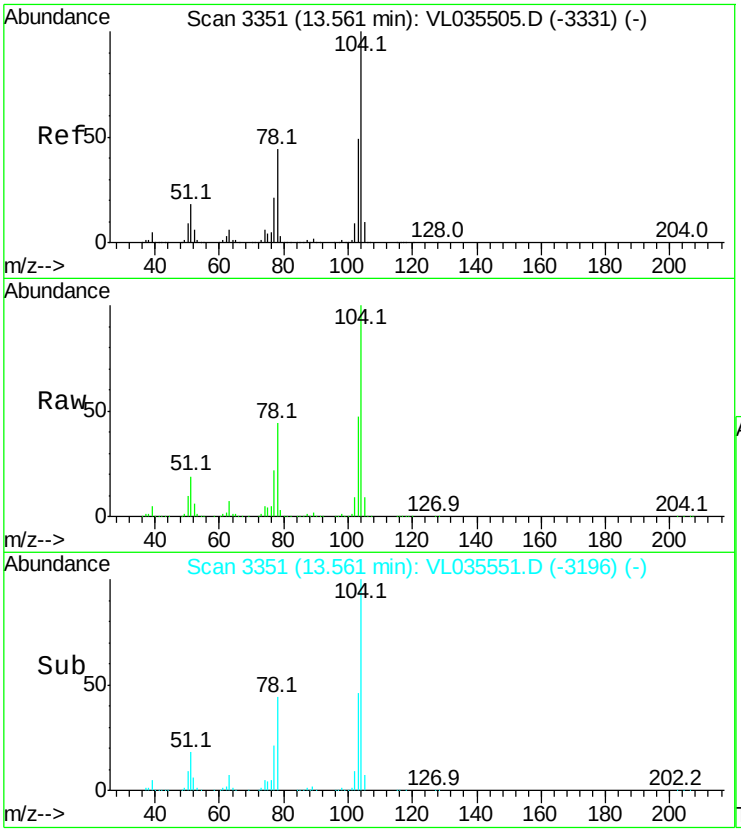


#60
o-Xylene
Concen: 8.863 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 91 Resp: 4282054

Ion	Ratio	Lower	Upper
91	100		
106	50.9	25.8	77.4



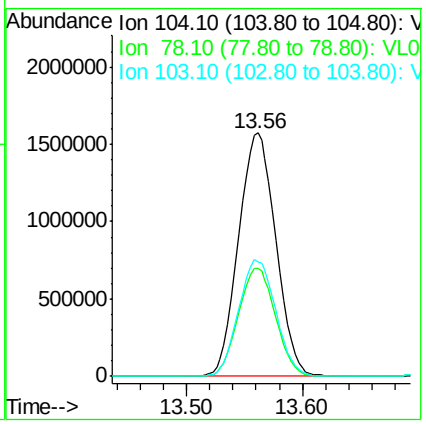


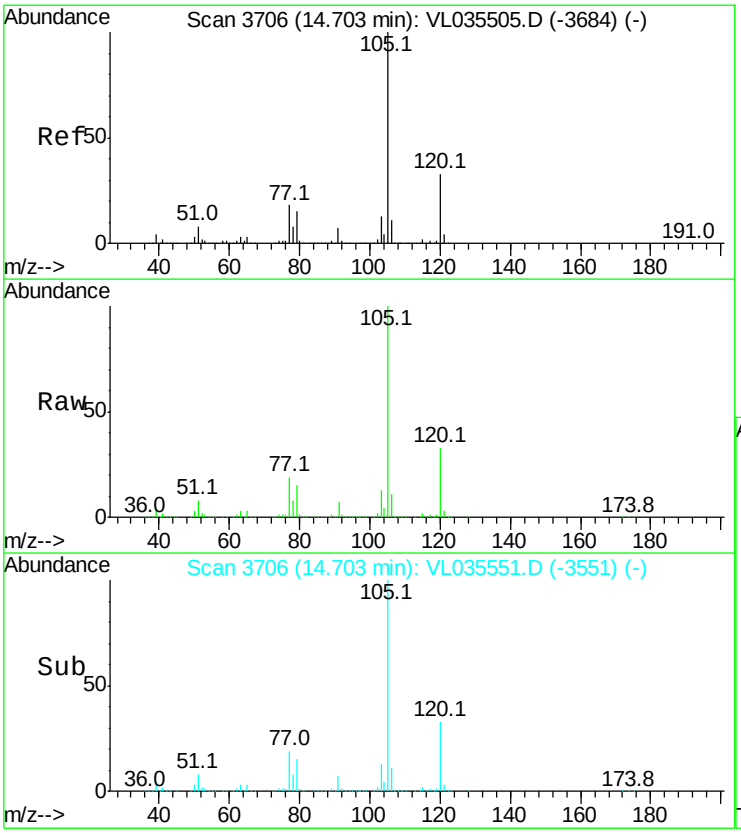
#61
Styrene
Concen: 9.497 ppbv
RT: 13.56 min Scan# 3351
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:104 Resp: 3509338

Ion	Ratio	Lower	Upper
104	100		
78	44.4	34.8	52.2
103	47.9	38.2	57.4

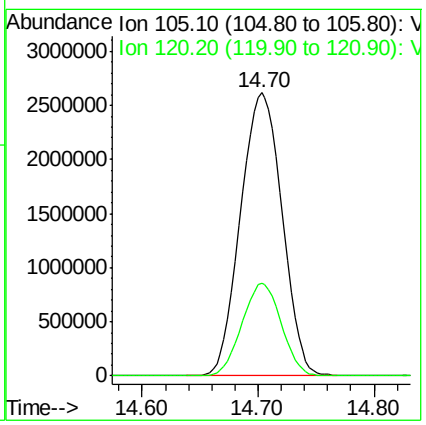


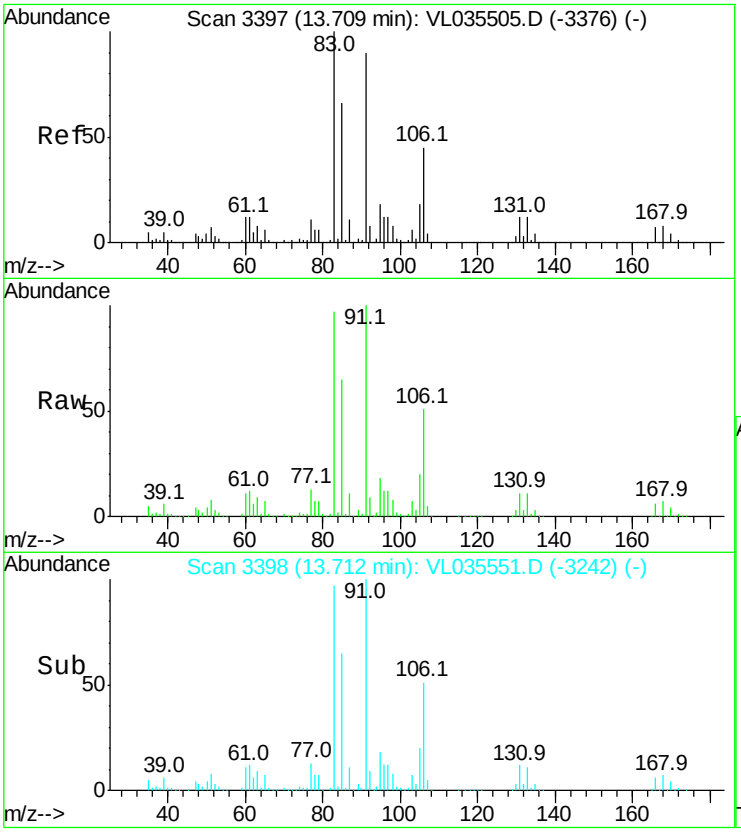


#62
Isopropylbenzene
Concen: 8.408 ppbv
RT: 14.70 min Scan# 3706
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:105 Resp: 6525977

Ion	Ratio	Lower	Upper
105	100		
120	31.0	25.0	37.4



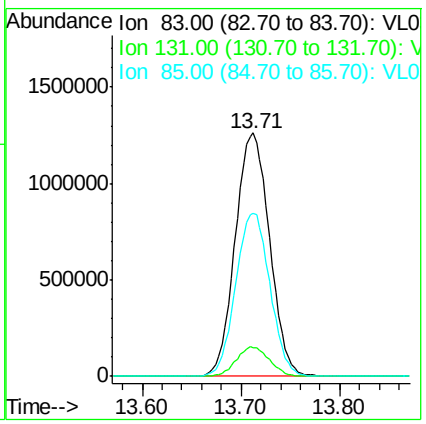


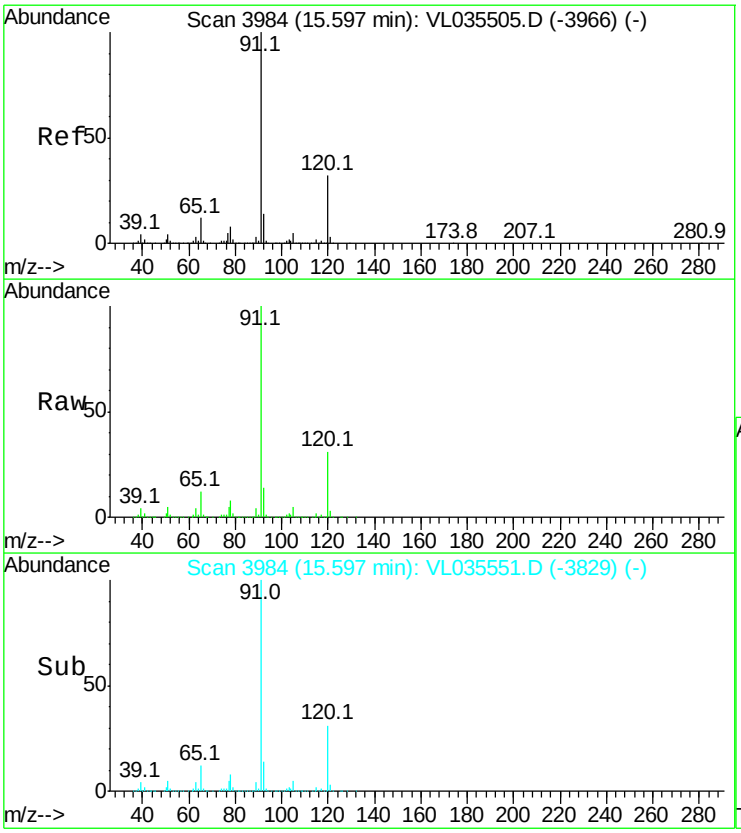
#63
1,1,2,2-Tetrachloroethane
Concen: 8.124 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 83 Resp: 3043374

Ion	Ratio	Lower	Upper
83	100		
131	11.6	6.0	18.0
85	67.0	33.4	100.2

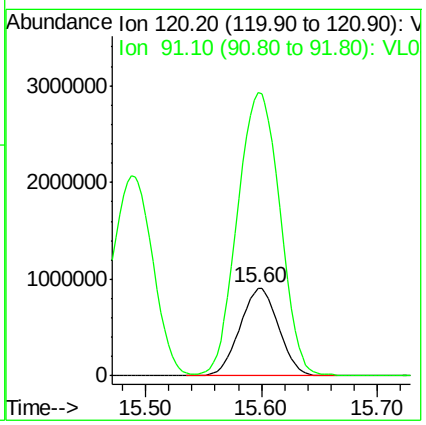


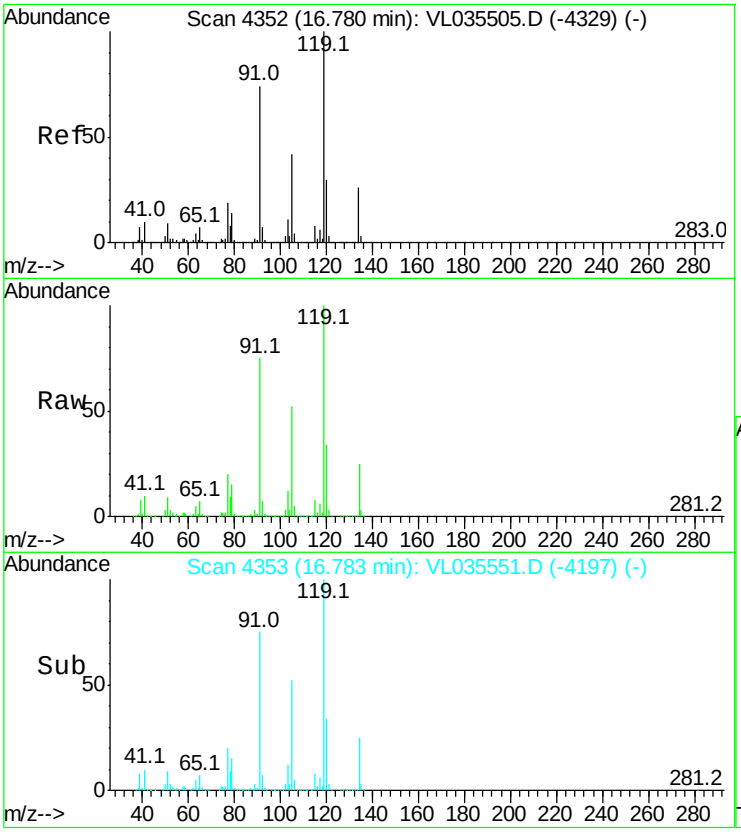


#64
n-propylbenzene
Concen: 8.872 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:120 Resp: 2101361

Ion	Ratio	Lower	Upper
120	100		
91	356.9	279.4	419.0



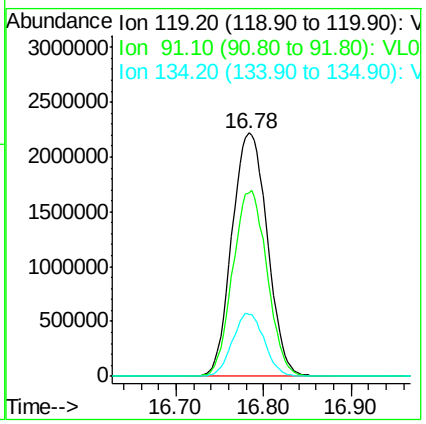


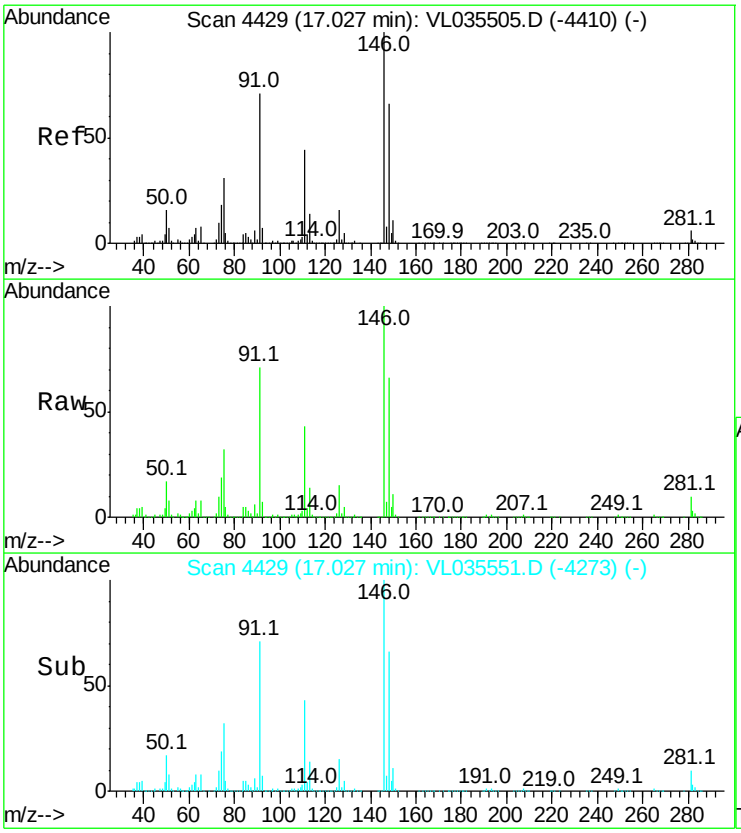
#65
tert-Butylbenzene
Concen: 8.616 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. 0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 6216554

Ion	Ratio	Lower	Upper
119	100		
91	74.4	58.6	87.8
134	23.3	18.9	28.3

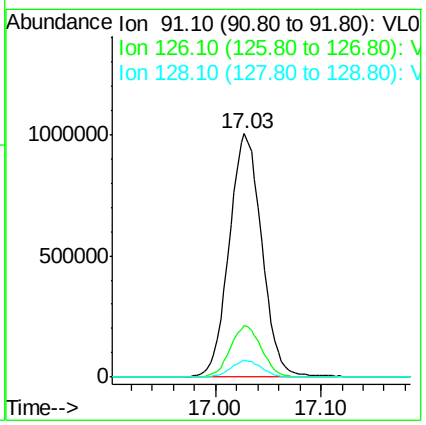


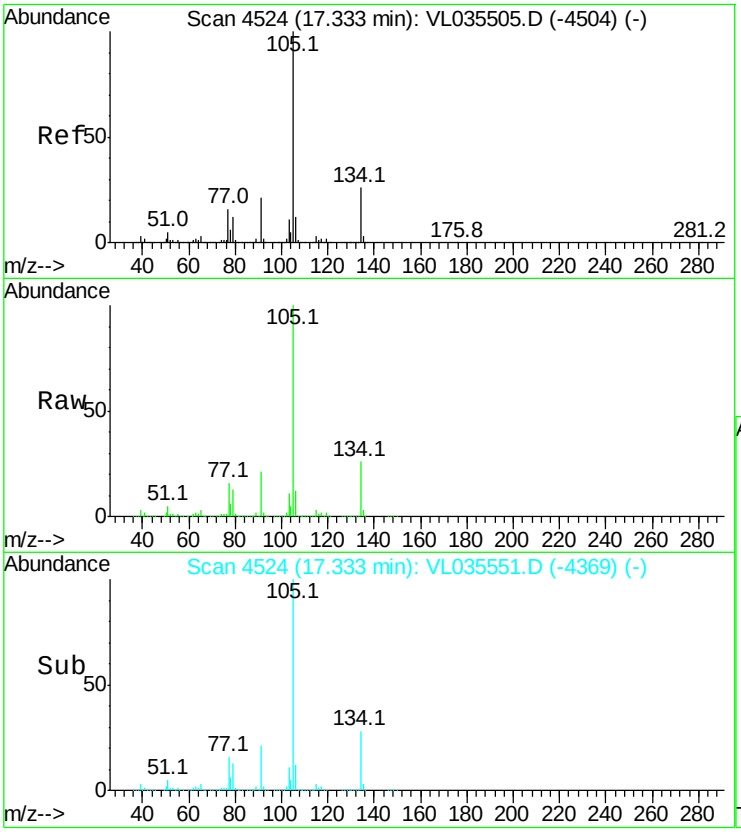


#66
Benzyl Chloride
Concen: 11.944 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 91 Resp: 2141555

Ion	Ratio	Lower	Upper
91	100		
126	20.4	17.2	25.8
128	6.6	5.5	8.3



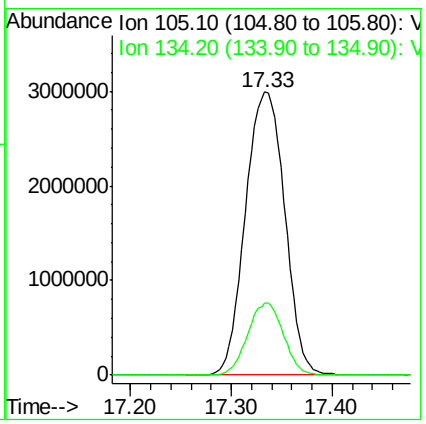


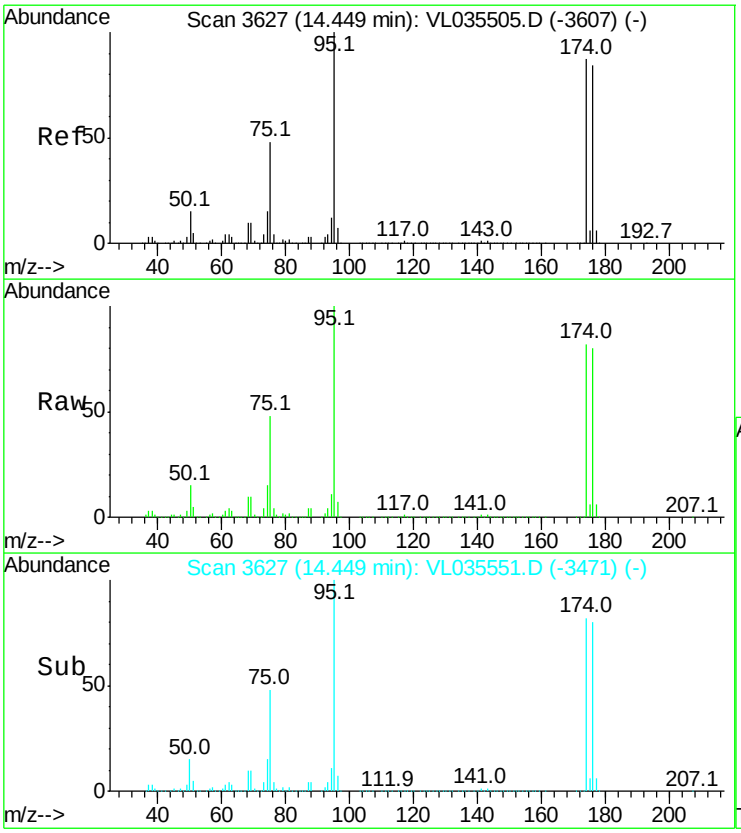
#67
sec-Butylbenzene
Concen: 8.414 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 8087504

Ion	Ratio	Lower	Upper
105	100		
134	23.3	19.1	28.7

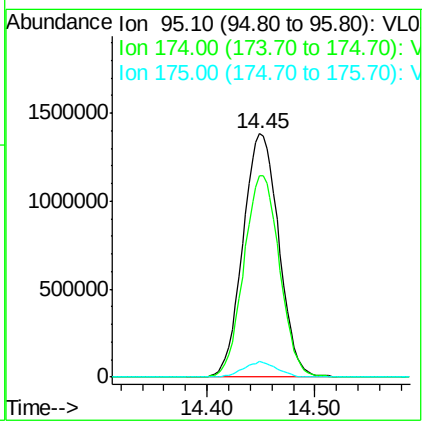


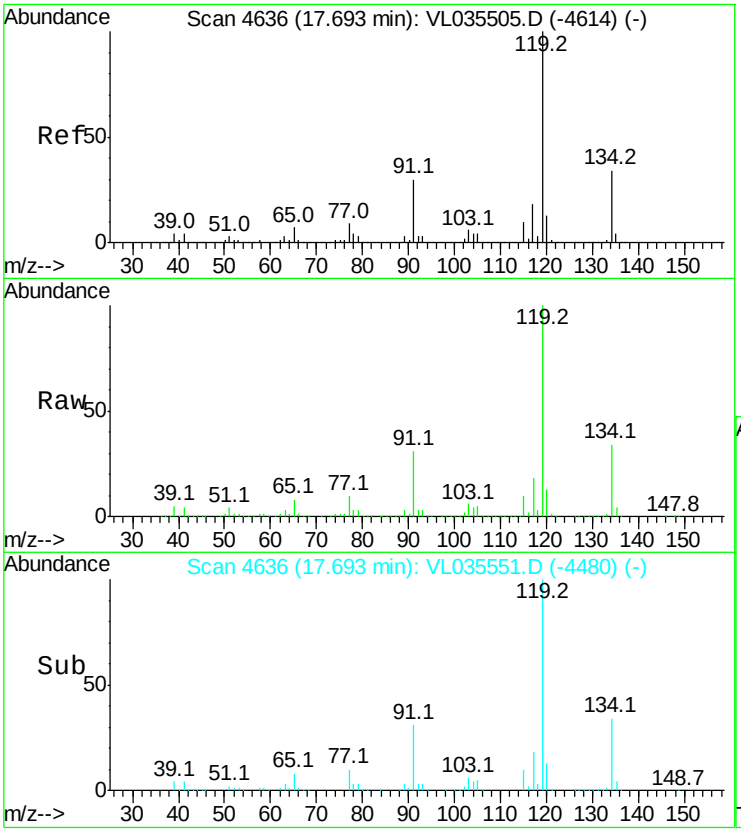


#68
1-Bromo-4-Fluorobenzene
Concen: 8.076 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 95 Resp: 3192807

Ion	Ratio	Lower	Upper
95	100		
174	82.8	69.6	104.4
175	5.9	5.1	7.7



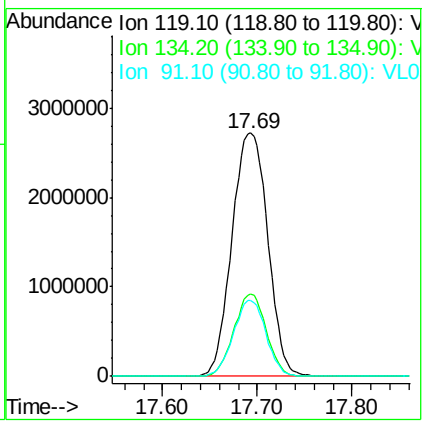


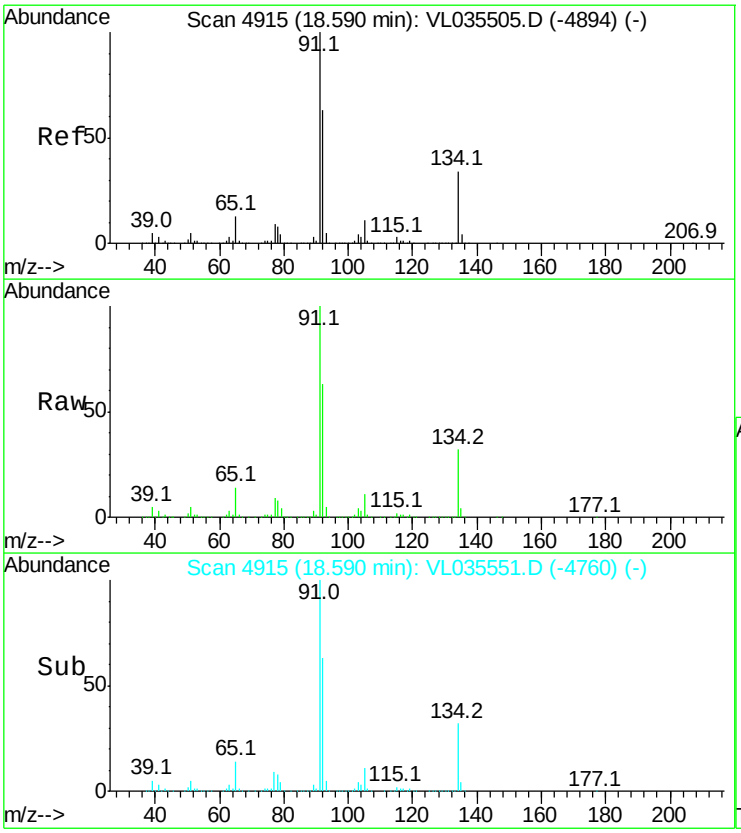
#69
p-Isopropyltoluene
Concen: 8.480 ppbv
RT: 17.69 min Scan# 4636
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 7150358

Ion	Ratio	Lower	Upper
119	100		
134	30.8	25.0	37.4
91	28.6	22.3	33.5

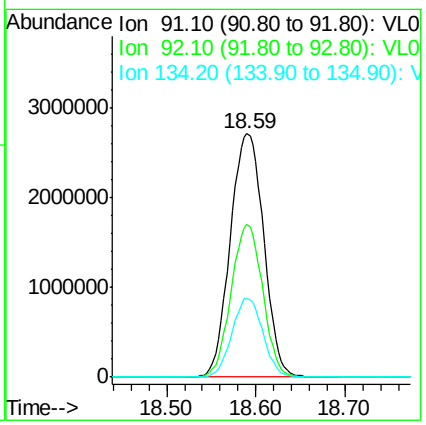


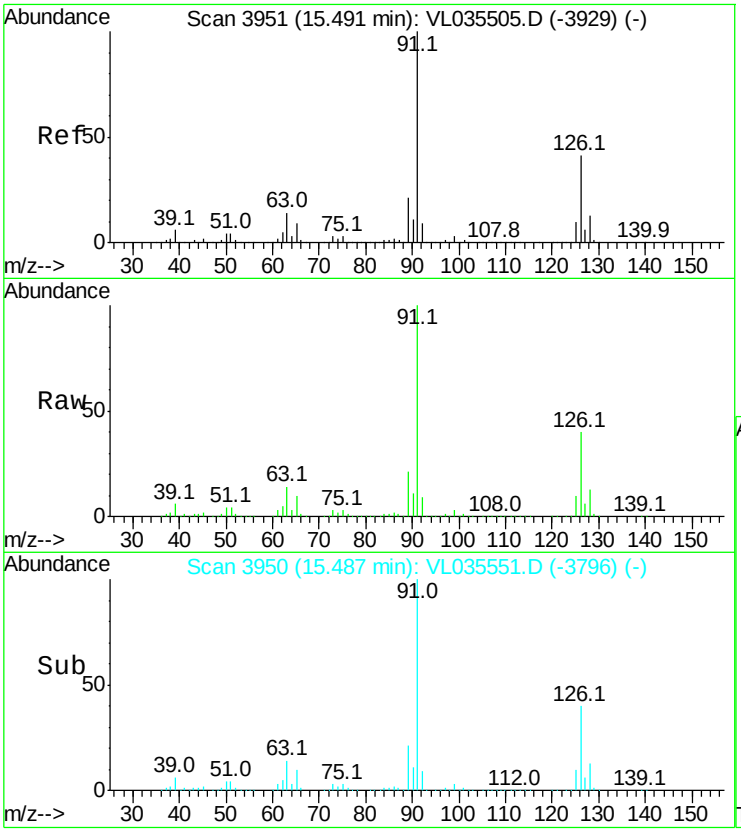


#70
n-Butylbenzene
Concen: 8.648 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion: 91 Resp: 7023295

Ion	Ratio	Lower	Upper
91	100		
92	59.2	47.3	70.9
134	30.0	24.6	37.0



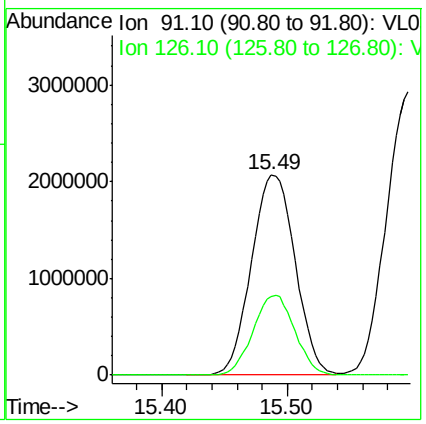


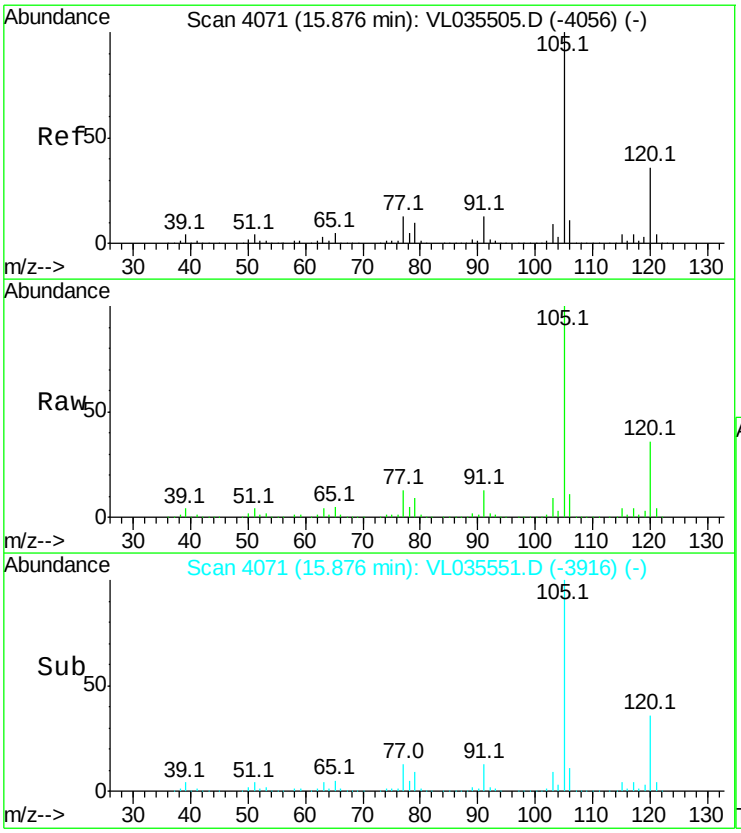
#71
2-Chlorotoluene
Concen: 8.909 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 5035263

Ion	Ratio	Lower	Upper
91	100		
126	38.1	15.6	62.6

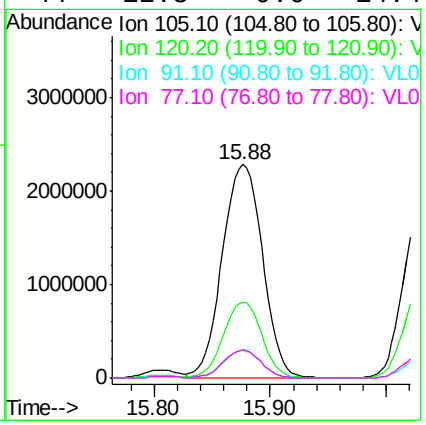


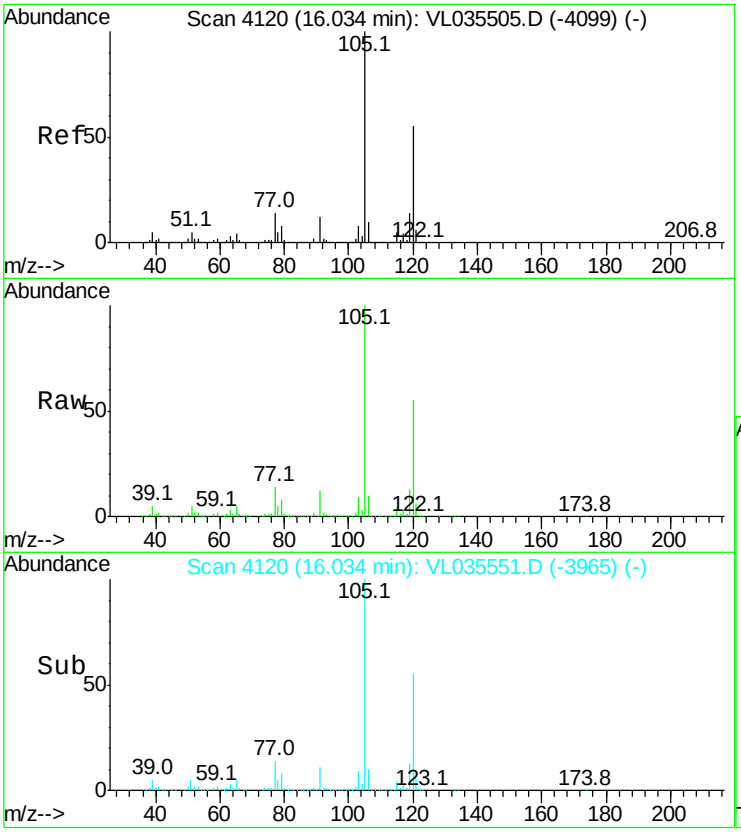


#72
4-Ethyltoluene
Concen: 8.933 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:105 Resp: 5486990

Ion	Ratio	Lower	Upper
105	100		
120	34.2	27.4	41.2
91	12.4	9.7	14.5
77	12.3	9.6	14.4



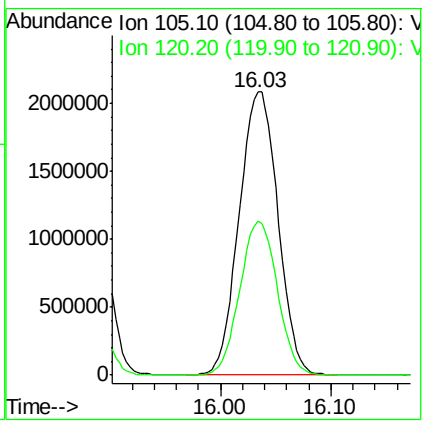


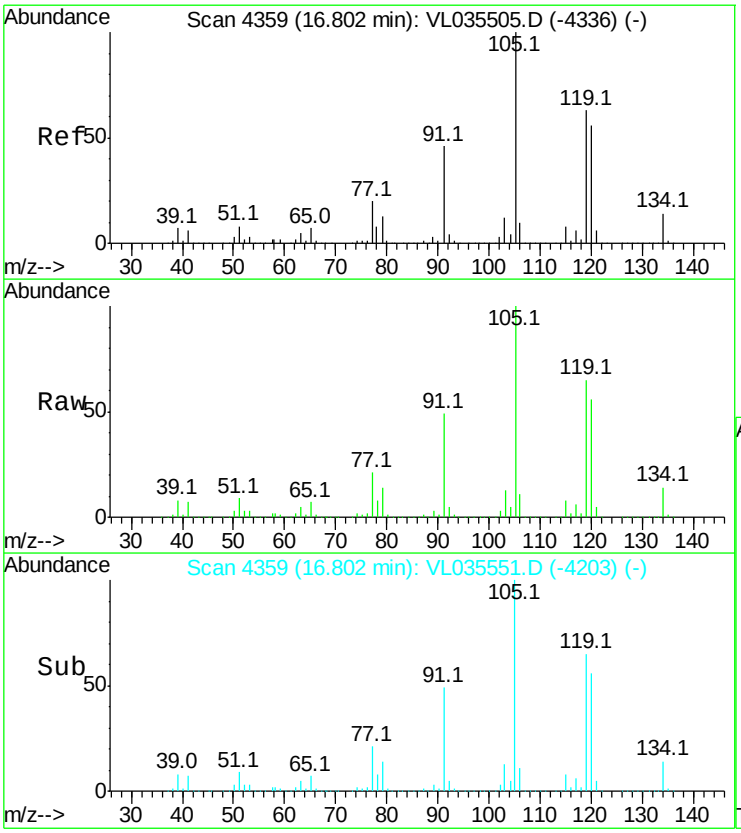
#73
1,3,5-Trimethylbenzene
Concen: 8.915 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 5065159

Ion	Ratio	Lower	Upper
105	100		
120	54.6	44.2	66.2

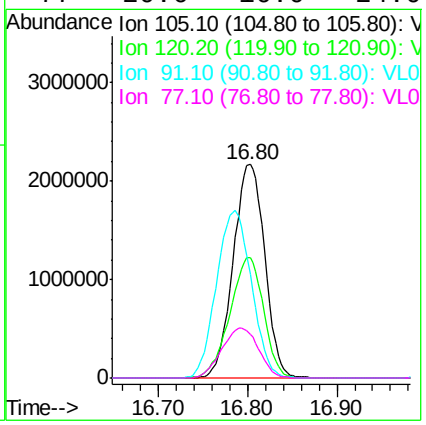


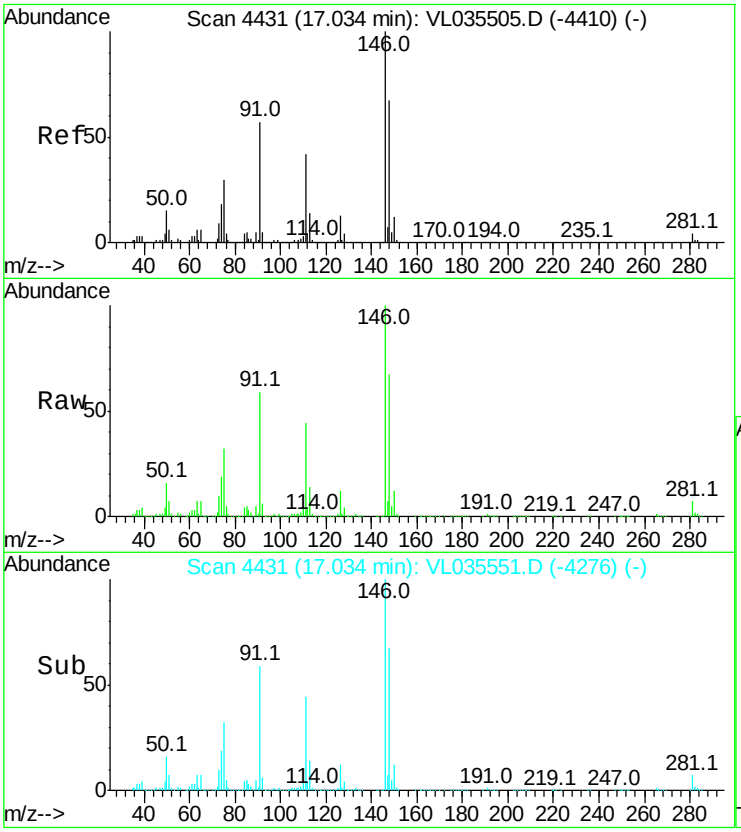


#74
1,2,4-Trimethylbenzene
Concen: 8.543 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:105 Resp: 5329821

Ion	Ratio	Lower	Upper
105	100		
120	56.3	44.4	66.6
91	48.7	37.1	55.7
77	20.6	16.0	24.0



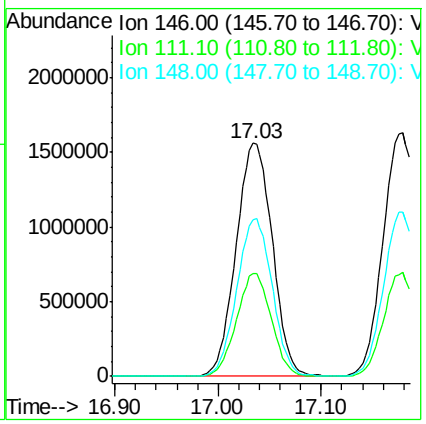


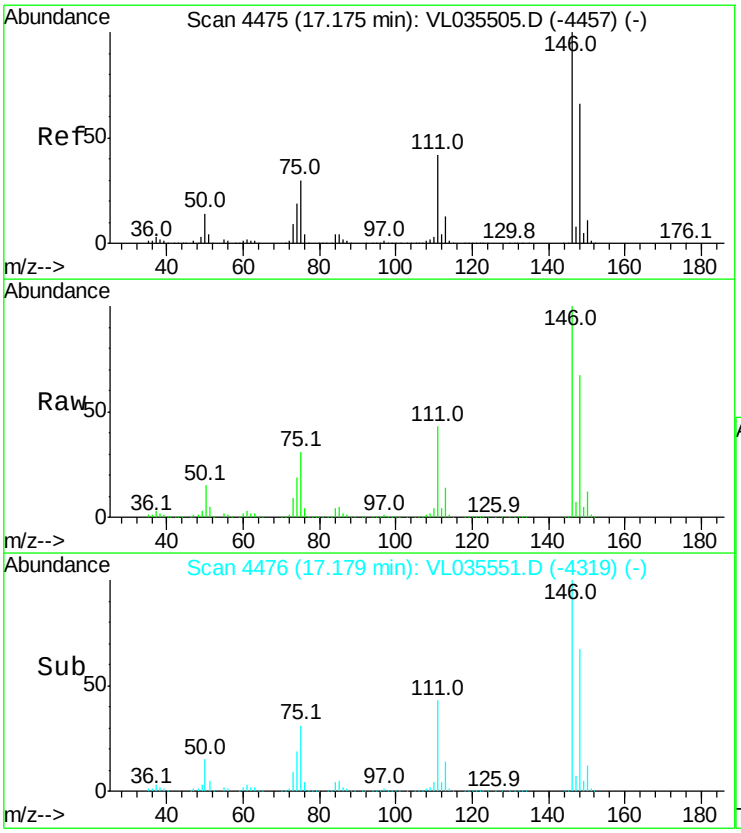
#75
1,3-Dichlorobenzene
Concen: 8.257 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:146 Resp: 3816078

Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.7	62.1
148	66.1	33.0	98.9

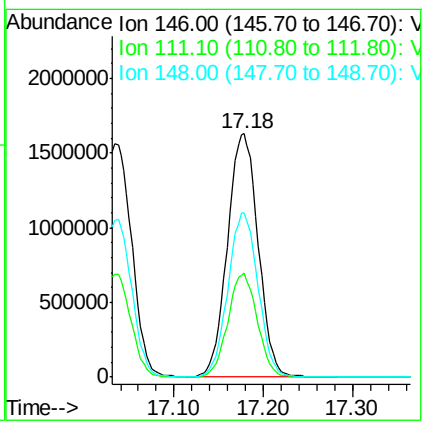


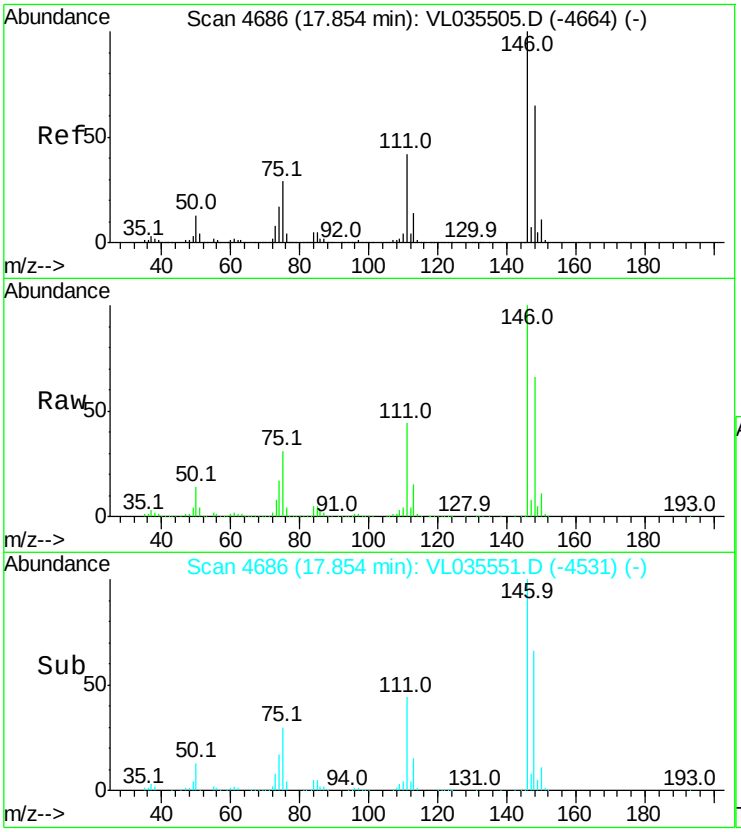


#76
1,4-Dichlorobenzene
Concen: 8.483 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. 0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:146 Resp: 3866311

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.0	60.0
148	66.2	33.2	99.6



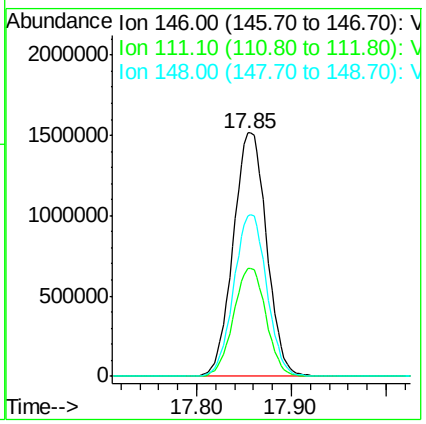


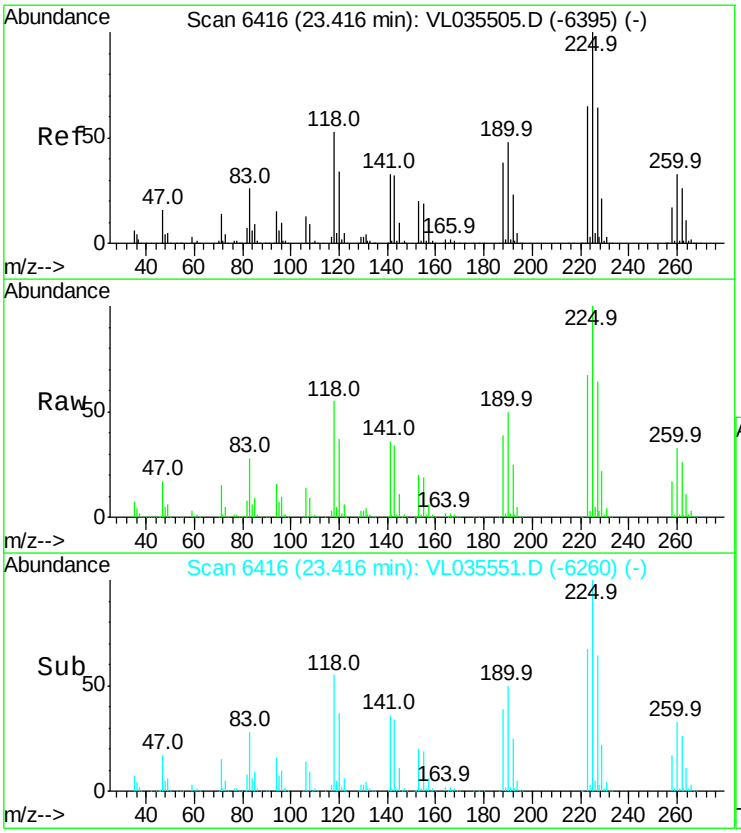
#77
1,2-Dichlorobenzene
Concen: 8.310 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 3720559

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.3
148	65.7	32.9	98.7

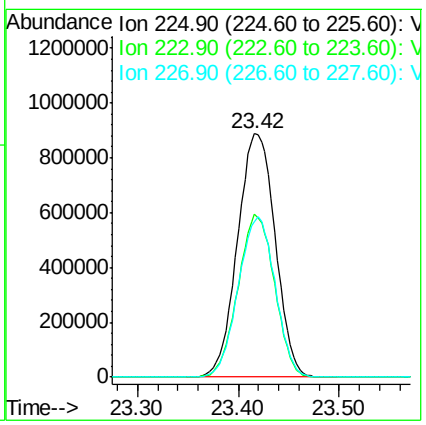


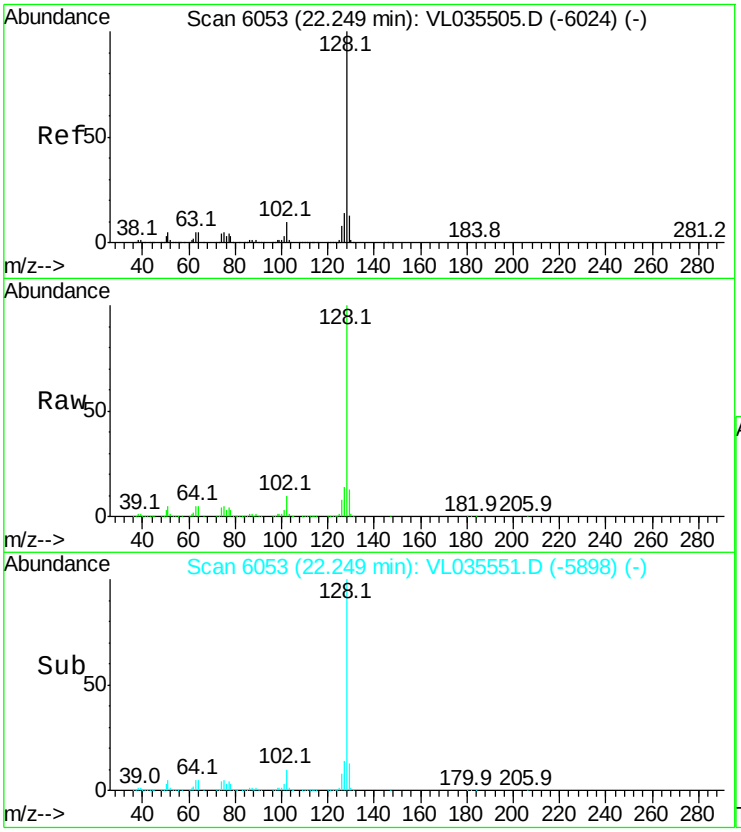


#78
Hexachloro-1,3-Butadiene
Concen: 8.044 ppbv
RT: 23.42 min Scan# 6416
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:225 Resp: 2299397

Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.7	77.5
227	64.4	51.5	77.3



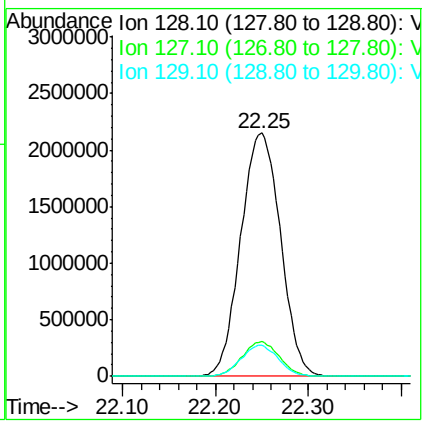


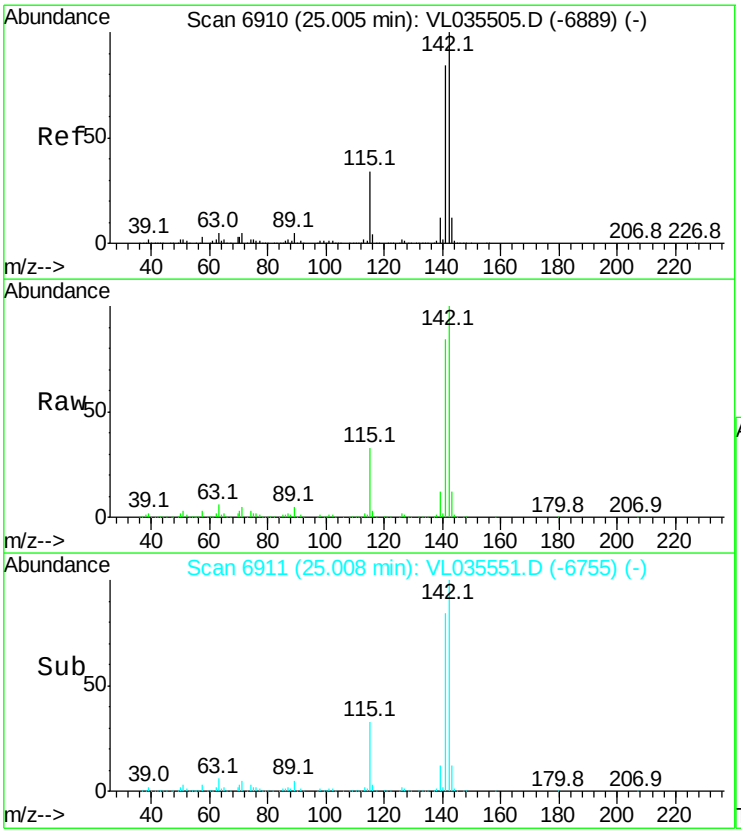
#79
Naphthalene
Concen: 9.279 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 6423882

Ion	Ratio	Lower	Upper
128	100		
127	14.3	11.4	17.2
129	12.8	10.5	15.7

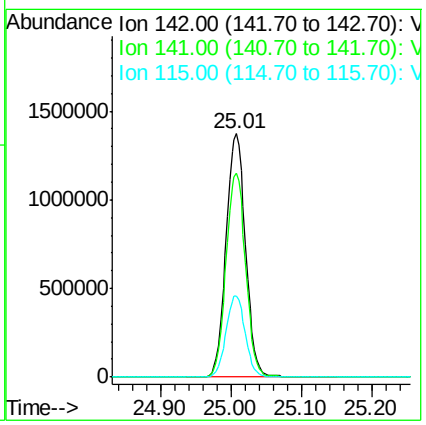


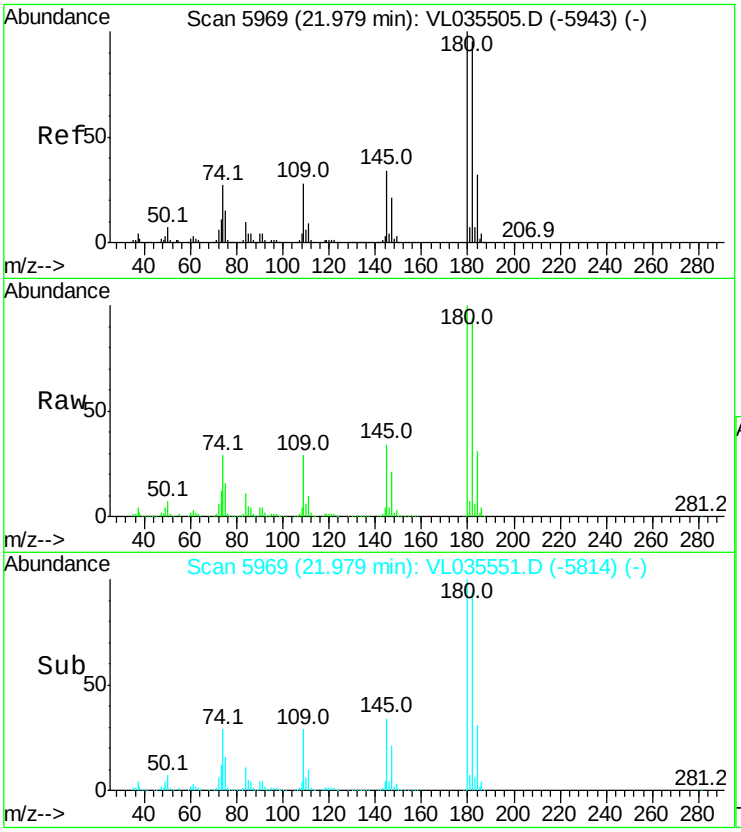


#80
Naphthalene,2-methyl-
Concen: 11.247 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. 0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Tgt Ion:142 Resp: 2657506

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.6	101.4
115	33.0	25.8	38.8





#81
1,2,4-Trichlorobenzene
Concen: 8.603 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. -0.00 min
Lab File: VL035551.D
Acq: 4 Sep 2020 9:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 3566724

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.3	114.5
184	31.3	25.3	37.9