Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021920\

Quantitation Report (Not Reviewed)

Data File : VL034665.D
Acq On : 20 Feb 2020 9:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Feb 20 14:50:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	857877	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1771399	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1793585	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1589971	10.49	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	1433181	7.585	ppbv	94
3) Chlorodifluoromethane	2.95	51	1184597	11.428	ppbv	100
4) Chloromethane	3.10	50	721317	11.373	ppbv	99
5) Vinyl Chloride	3.22	62	690777	11.402	ppbv	97
6) Bromomethane	3.44	94	385976	12.249	ppbv	92
7) Chloroethane	3.52	64	263708	11.705	ppbv	100
8) Dichlorotetrafluoroethane	3.15	85	1692443	11.459	ppbv	100
9) Propene	2.97	41	445301	11.033	ppbv	98
10) Heptane	8.13	43	1199341	11.808	ppbv	97
11) Trichlorofluoromethane	3.92	101	2047750	11.930	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1375491	12.282	ppbv	98
13) Ethanol	3.57	45	117756	10.892	ppbv	97
14) Bromoethene	3.71	108	537196	12.228	ppbv	98
15) Acetone	3.82	43	1406316	11.154	ppbv	99
16) 1,3-Butadiene	3.29	39	612683	12.237	ppbv	98
17) tert-Butyl alcohol	4.27	59	1314303	14.175	ppbv	98
18) 1,1-Dichloroethene	4.26	96	600617	12.705	ppbv	98
19) Isopropyl Alcohol	3.94	45	1020267	13.867	ppbv #	98
20) Methylene Chloride	4.32	84	519793	10.827	ppbv	96
21) Allyl Chloride	4.38	41	981975	12.541	ppbv	98
22) trans-1,2-Dichloroethene	4.86	96	621135	12.545	ppbv	91
23) Vinyl Acetate	5.06	43	1659876	11.539	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1384960	11.532	ppbv	100
25) Ethyl Acetate	5.66	43	2307120	11.303	ppbv	99
26) Hexane	5.67	57	983385	11.502	ppbv	99
27) Carbon Disulfide	4.53	76	1567913	13.591	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1703257	11.681	ppbv	100
29) Chloroform	5.74	83	1722718	11.395	ppbv	99
30) Cyclohexane	7.13	84	788828	12.451	ppbv	96
31) cis-1,2-Dichloroethene	5.54	61	1054306	11.869	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	1806602	11.129	ppbv	100
34) 2-Butanone	5.23	43	1425474	11.083	ppbv	99
35) Carbon Tetrachloride	7.02	117	1997191	11.793	ppbv	95
36) Benzene	6.89	78	1864489	11.836	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1528104	11.627	ppbv	99
38) Trichloroethene	7.84	130	824165	12.412	ppbv	97
39) 1,2-Dichloropropane	7.62	63	745557	11.417	ppbv	98
40) 1,4-Dioxane	7.83	88	314205	12.517	ppbv	87
41) Tetrahydrofuran	6.04	42	773985	11.535	ppbv	98
42) Bromodichloromethane	7.80	83	1919457	11.866	ppbv	98
43) Methyl Methacrylate	8.01	69	794562	12.541	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021920\

Quantitation Report (Not Reviewed)

Data File : VL034665.D
Acq On : 20 Feb 2020 9:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Feb 20 14:50:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3339396	11.684	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	1119879	13.498	ppbv		99
46) cis-1,3-Dichloropropene	8.72	75	1258734	13.349	ppbv		97
47) 1,1,2-Trichloroethane	9.49	97	832257	11.767	ppbv		94
48) Dibromochloromethane	10.32	129	1616906	12.475	ppbv		99
49) Bromoform	13.07	173	1445592	12.704	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	2148334	11.713	ppbv		99
51) 2-Hexanone	10.14	43	1762708	12.208	ppbv	#	100
52) Tetrachloroethene	11.24	164	745107	11.774	ppbv		98
53) Toluene	9.82	91	2194462	12.681	ppbv		100
54) 1,2-Dibromoethane	10.63	107	1257953	11.868	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.15	131	1082567	12.226	ppbv		97
57) Chlorobenzene	12.17	112	1791448	12.138	ppbv		98
58) Ethyl Benzene	12.73	91	3069110	12.788	ppbv		97
59) m/p-Xylene	13.02	91	2313602	10.905	ppbv	#	14
60) o-Xylene	13.72	91	2655121	12.461	ppbv		99
61) Styrene	13.55	104	1906518	13.420	ppbv		99
62) Isopropylbenzene	14.70	105	3421067	12.390	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.71	83	1843942	11.190	ppbv		100
64) n-propylbenzene	15.59	120	870117	12.249	ppbv		89
65) tert-Butylbenzene	16.77	119	3143075	12.565	ppbv		100
66) Benzyl Chloride	17.02	91	1503133	14.330	ppbv		99
67) sec-Butylbenzene	17.33	105	4242804	12.341	ppbv		100
69) p-Isopropyltoluene	17.69	119	3579562	12.823	ppbv		100
70) n-Butylbenzene	18.58	91	3728539	12.583	ppbv		99
71) 2-Chlorotoluene	15.48	91	2609467	12.450	ppbv		99
72) 4-Ethyltoluene	15.87	105	2963343	12.661	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	2886234	12.620	ppbv		96
74) 1,2,4-Trimethylbenzene	16.79	105	3059069	12.083	ppbv	#	90
75) 1,3-Dichlorobenzene	17.03	146	1709940	11.730	ppbv		100
76) 1,4-Dichlorobenzene	17.18	146	1709108	11.895	ppbv		100
77) 1,2-Dichlorobenzene	17.85	146	1624472	11.600	ppbv		99
78) Hexachloro-1,3-Butadiene	23.41	225	1540116	11.500	ppbv		99
79) Naphthalene	22.25	128	2613777	13.113	ppbv		99
80) Naphthalene,2-methyl-	25.01	142	1404840	18.320	ppbv		99
81) 1,2,4-Trichlorobenzene	21.98	180	1596172	12.989	ppbv		99

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

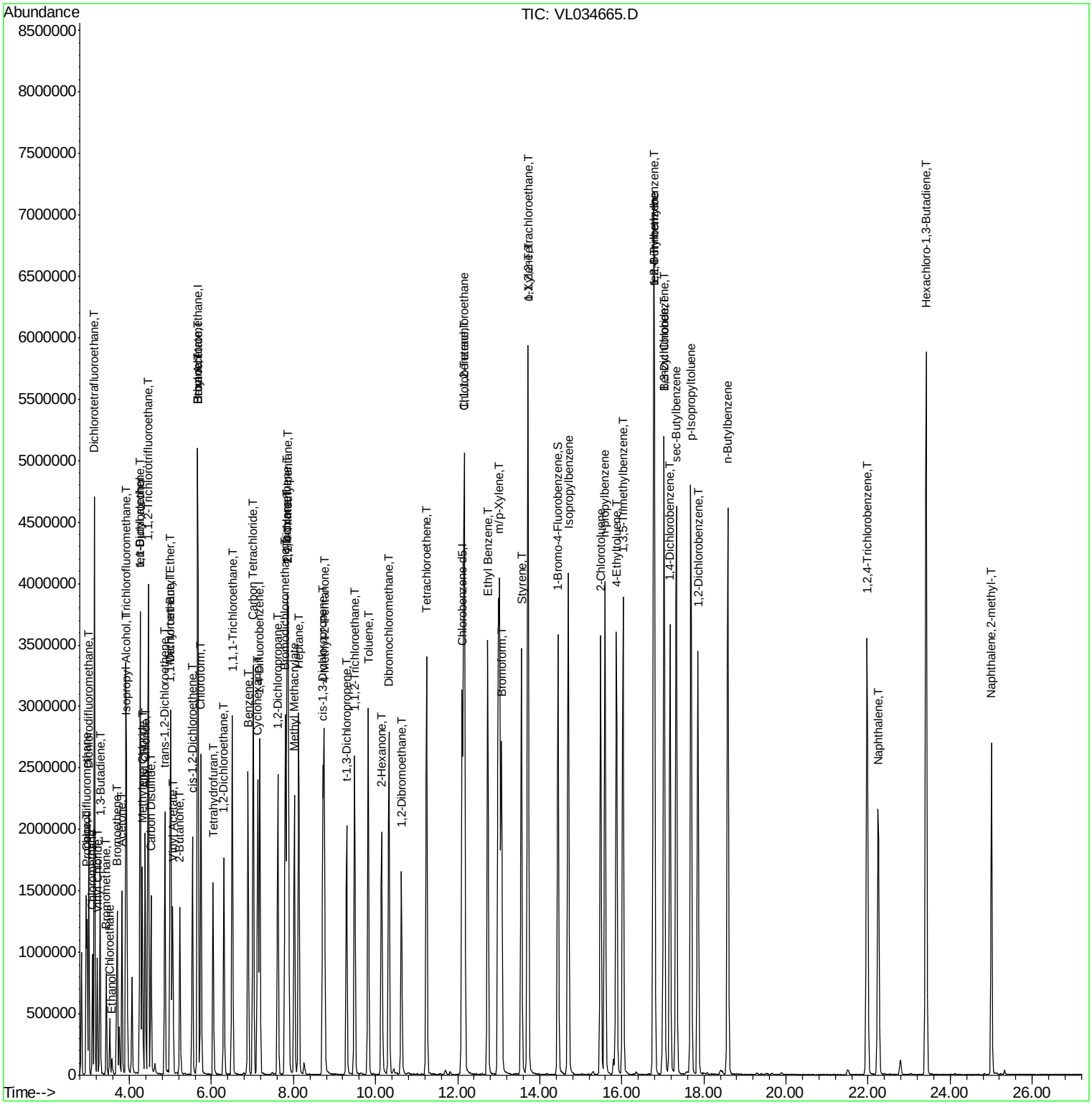
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021920\

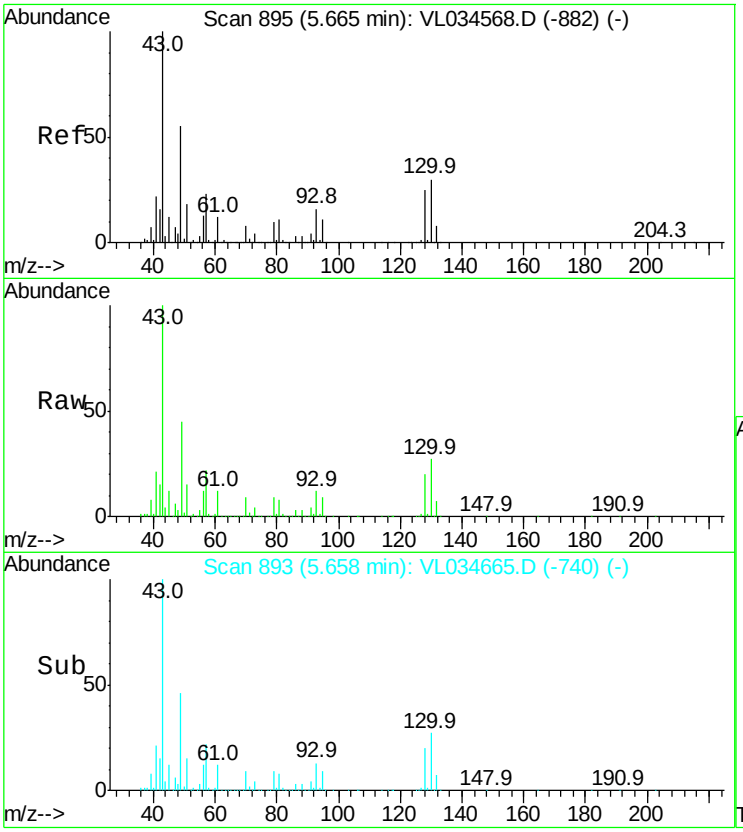
Quantitation Report (Not Reviewed)

Data File : VL034665.D
Acq On : 20 Feb 2020 9:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Feb 20 14:50:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration



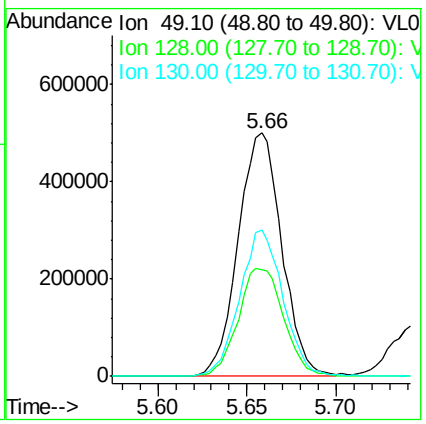


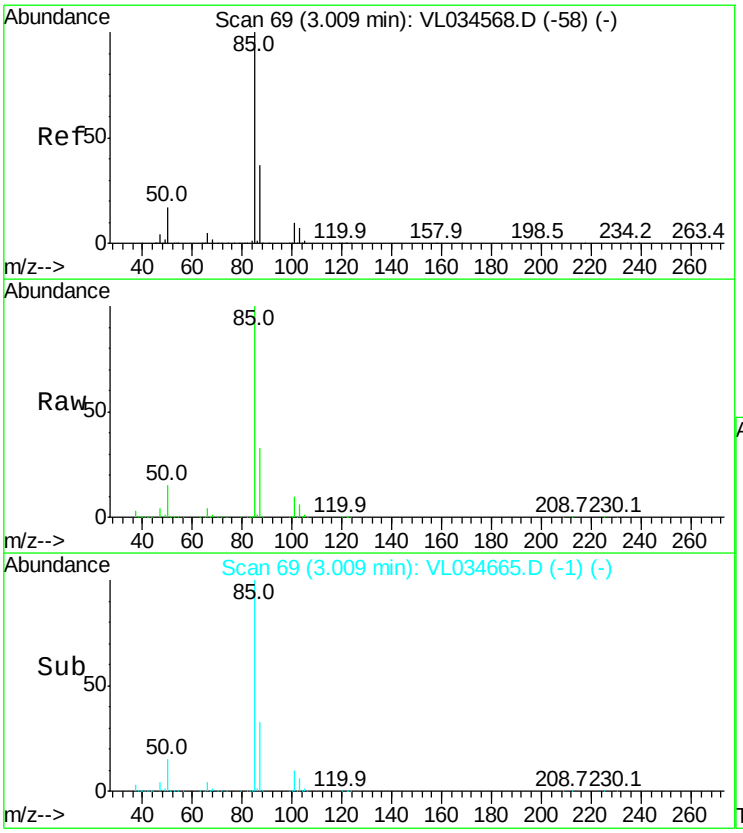
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 857877

Ion	Ratio	Lower	Upper
49	100		
128	46.6	22.7	68.1
130	59.7	28.6	85.8

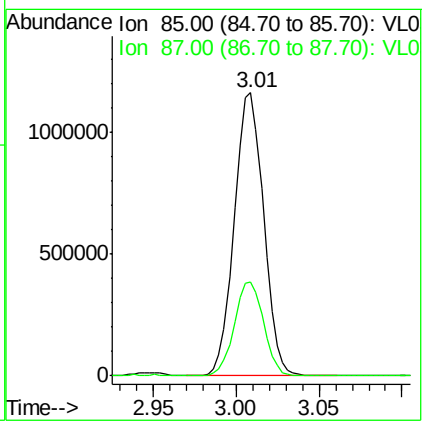


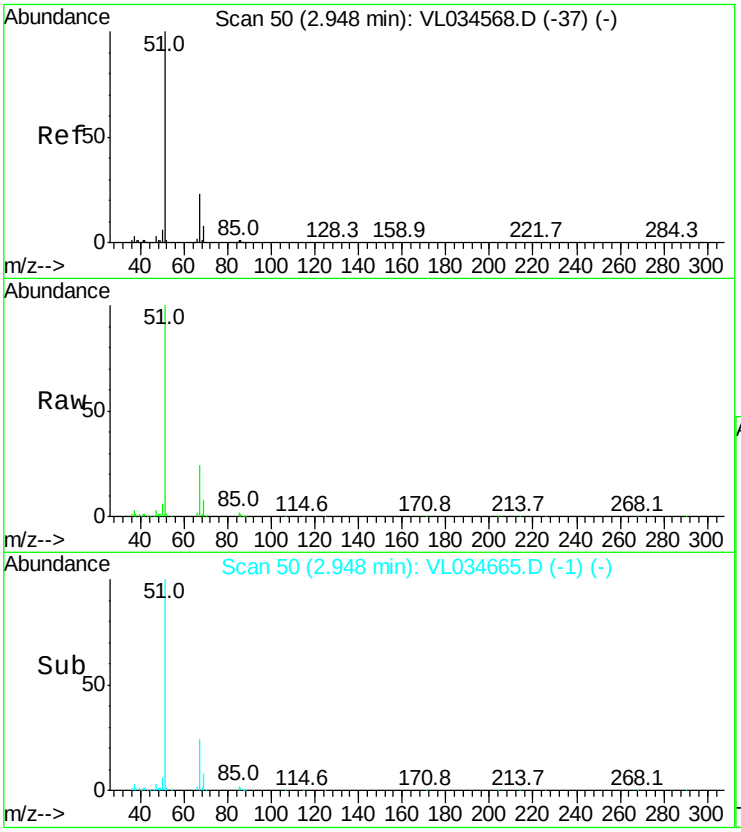


#2
Dichlorodifluoromethane
Concen: 7.585 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 85 Resp: 1433181

Ion	Ratio	Lower	Upper
85	100		
87	33.2	29.5	44.3



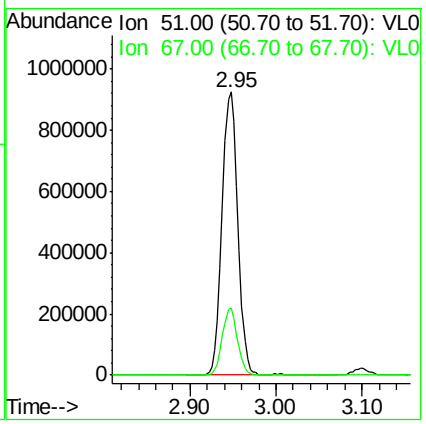


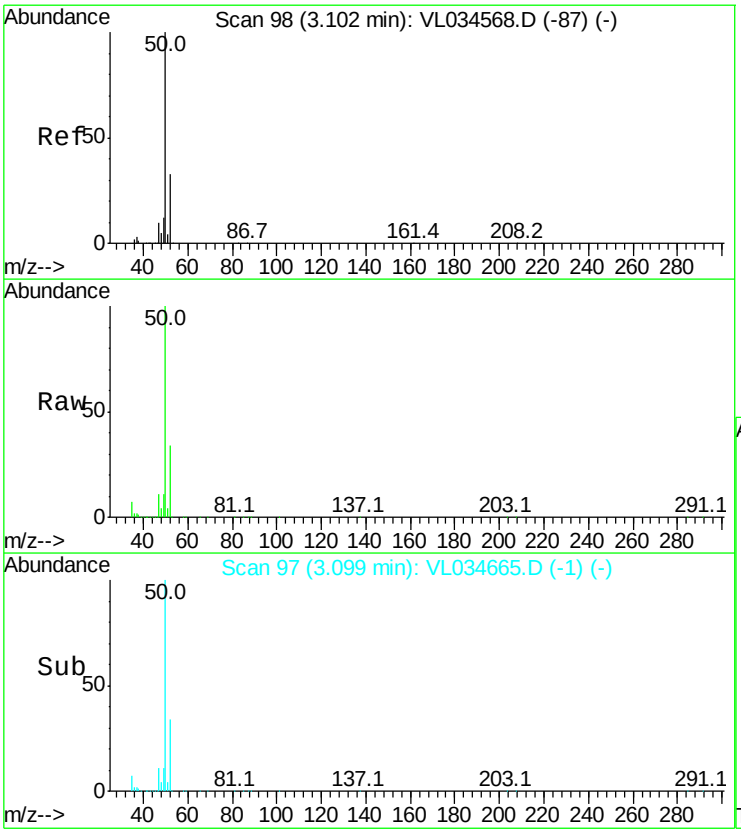
#3
Chlorodifluoromethane
Concen: 11.428 ppbv
RT: 2.95 min Scan# 50
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1184597

Ion	Ratio	Lower	Upper
51	100		
67	22.5	17.8	26.8

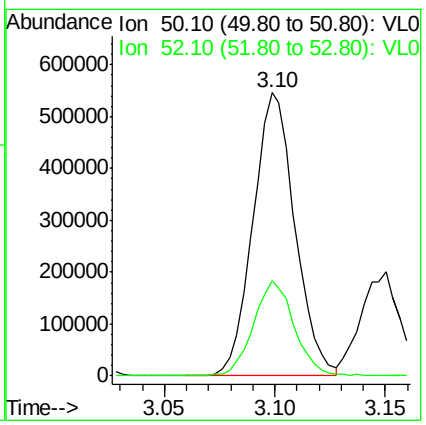


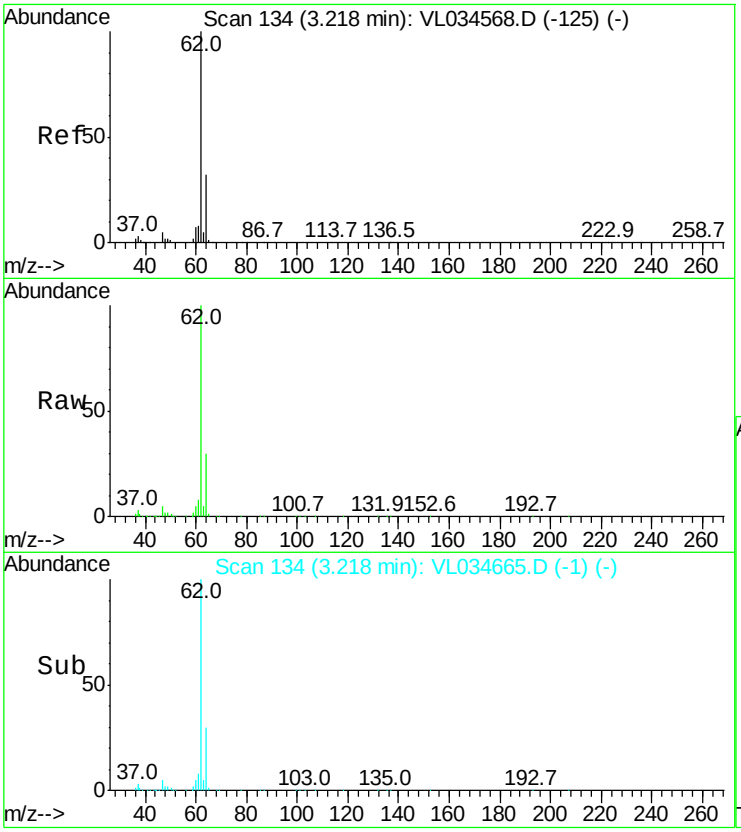


#4
Chloromethane
Concen: 11.373 ppbv
RT: 3.10 min Scan# 97
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 50 Resp: 721317

Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.6	39.8



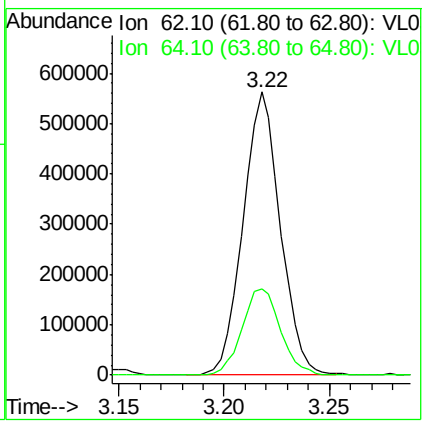


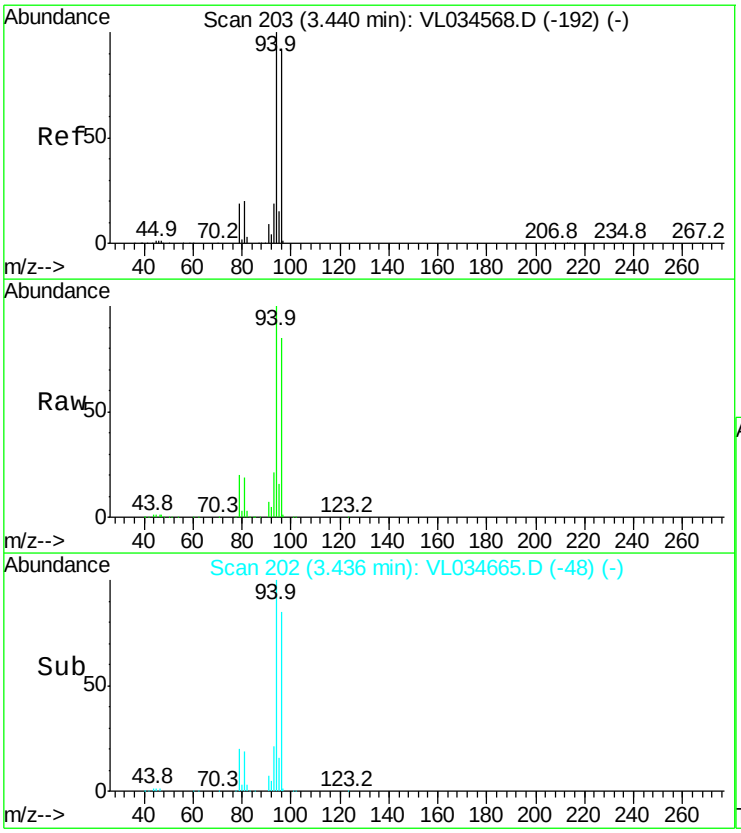
#5
Vinyl Chloride
Concen: 11.402 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 690777

Ion	Ratio	Lower	Upper
62	100		
64	30.5	25.8	38.6

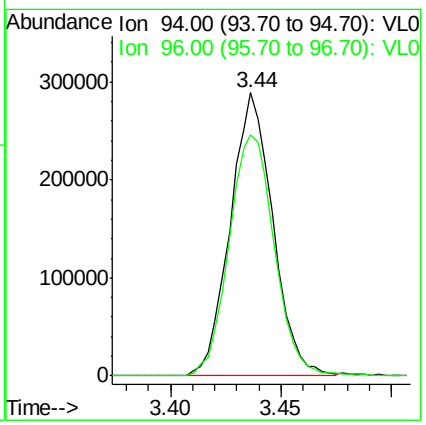


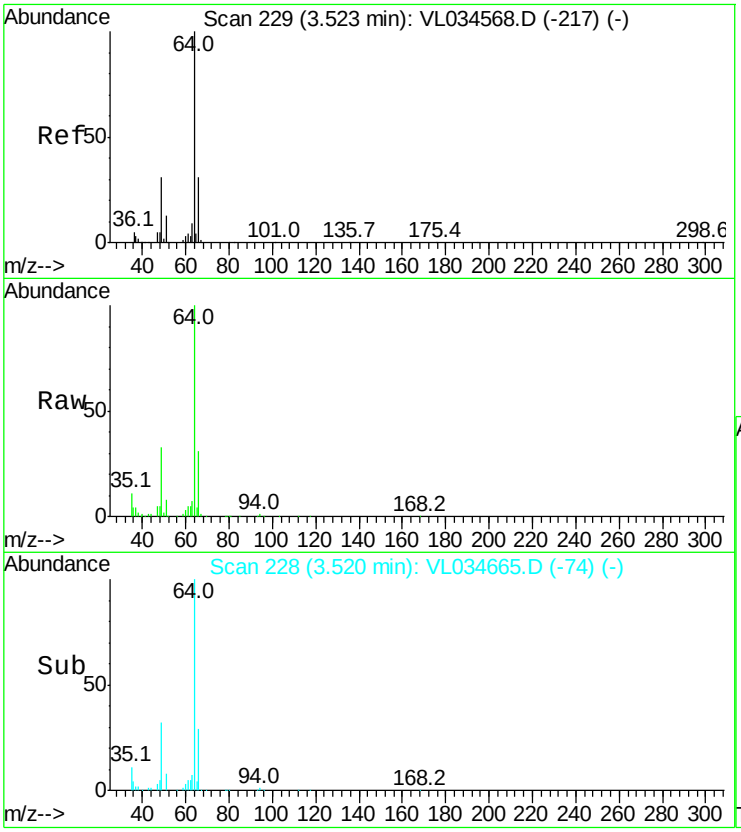


#6
Bromomethane
Concen: 12.249 ppbv
RT: 3.44 min Scan# 202
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 94 Resp: 385976

Ion	Ratio	Lower	Upper
94	100		
96	84.8	73.8	110.8



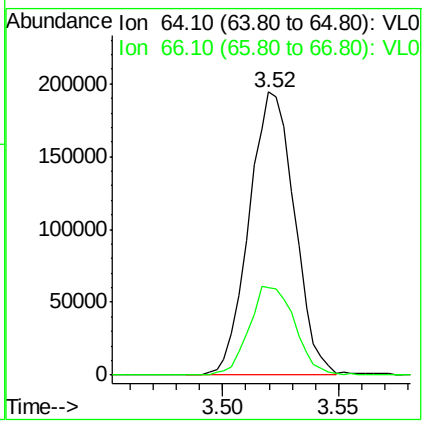


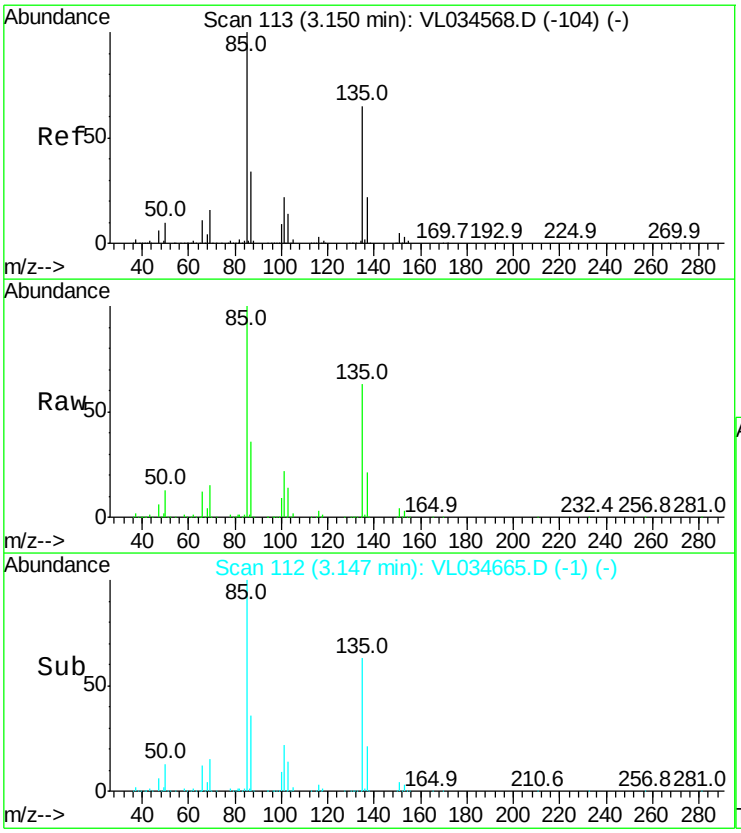
#7
Chloroethane
Concen: 11.705 ppbv
RT: 3.52 min Scan# 228
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 263708

Ion	Ratio	Lower	Upper
64	100		
66	31.0	25.0	37.4

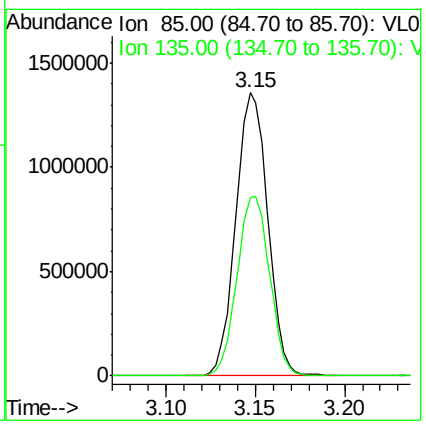


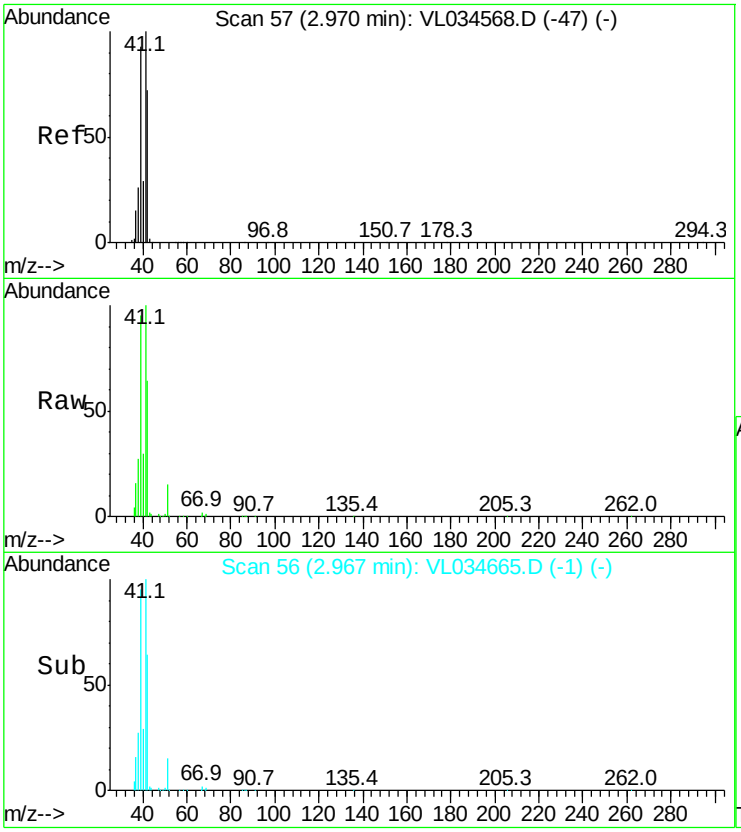


#8
Dichlorotetrafluoroethane
Concen: 11.459 ppbv
RT: 3.15 min Scan# 112
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 85 Resp: 1692443

Ion	Ratio	Lower	Upper
85	100		
135	65.0	52.2	78.2



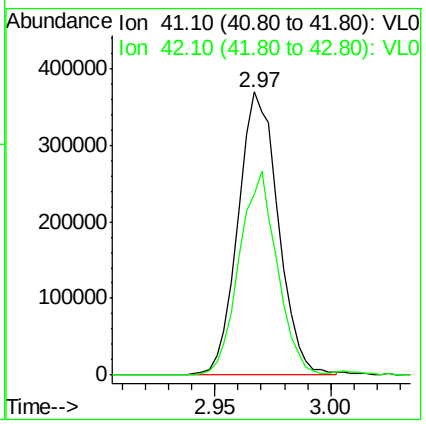


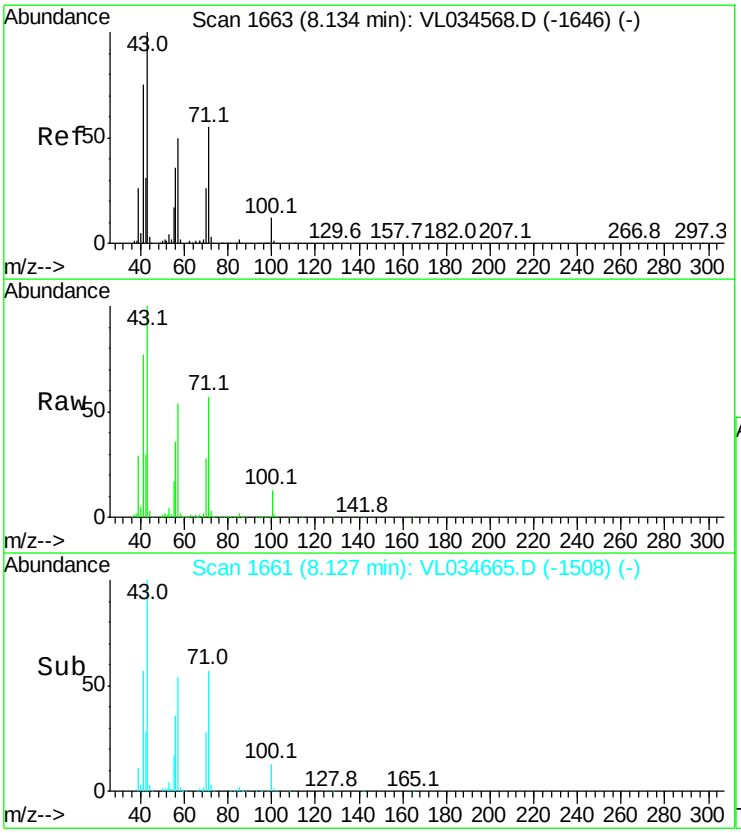
#9
Propene
Concen: 11.033 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 445301

Ion	Ratio	Lower	Upper
41	100		
42	69.2	57.0	85.4

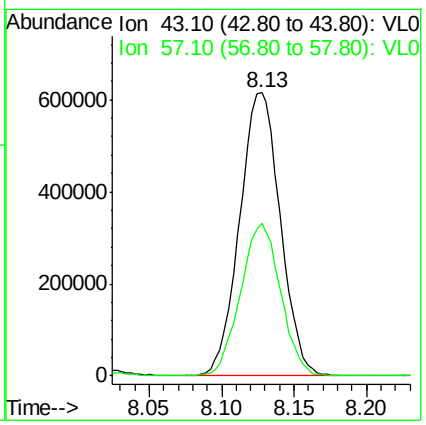


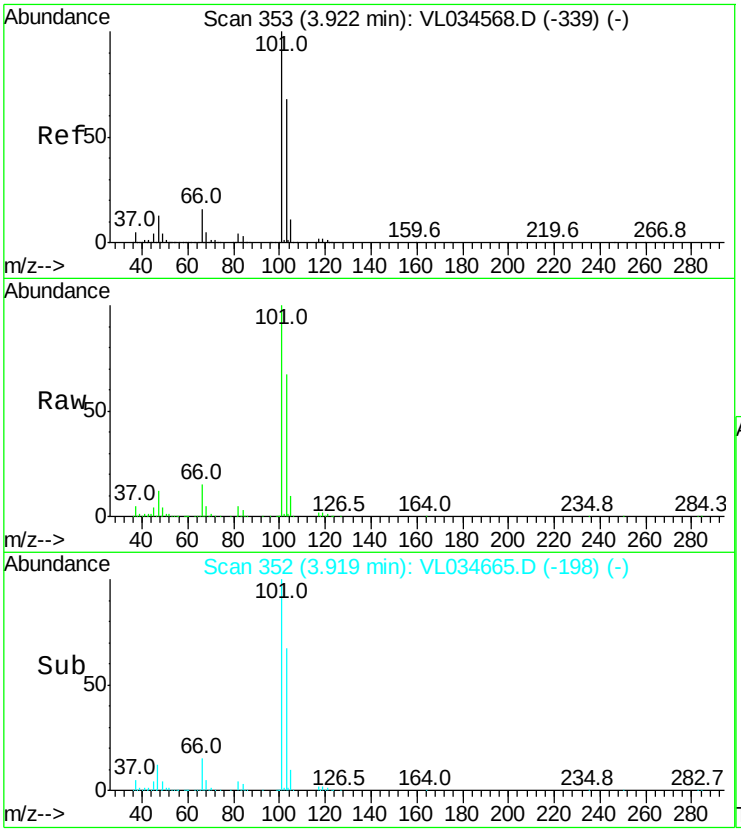


#10
Heptane
Concen: 11.808 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 43 Resp: 1199341

Ion	Ratio	Lower	Upper
43	100		
57	53.3	41.2	61.8



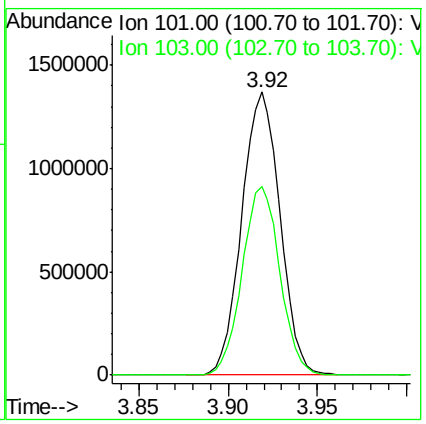


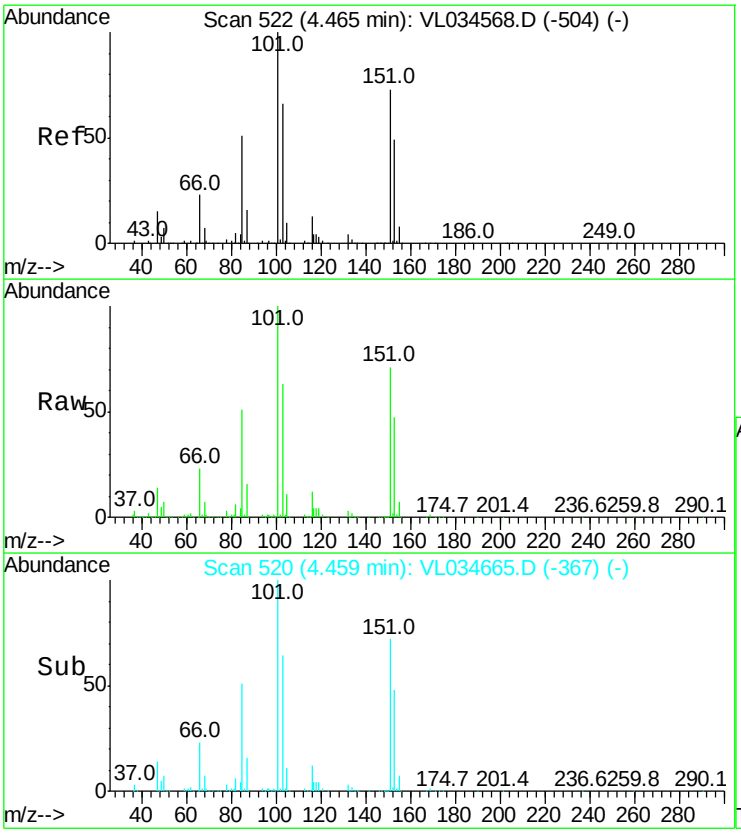
#11
Trichlorofluoromethane
Concen: 11.930 ppbv
RT: 3.92 min Scan# 352
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 2047750

Ion	Ratio	Lower	Upper
101	100		
103	66.7	54.4	81.6

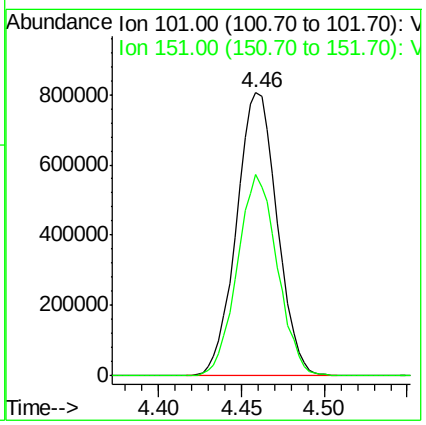


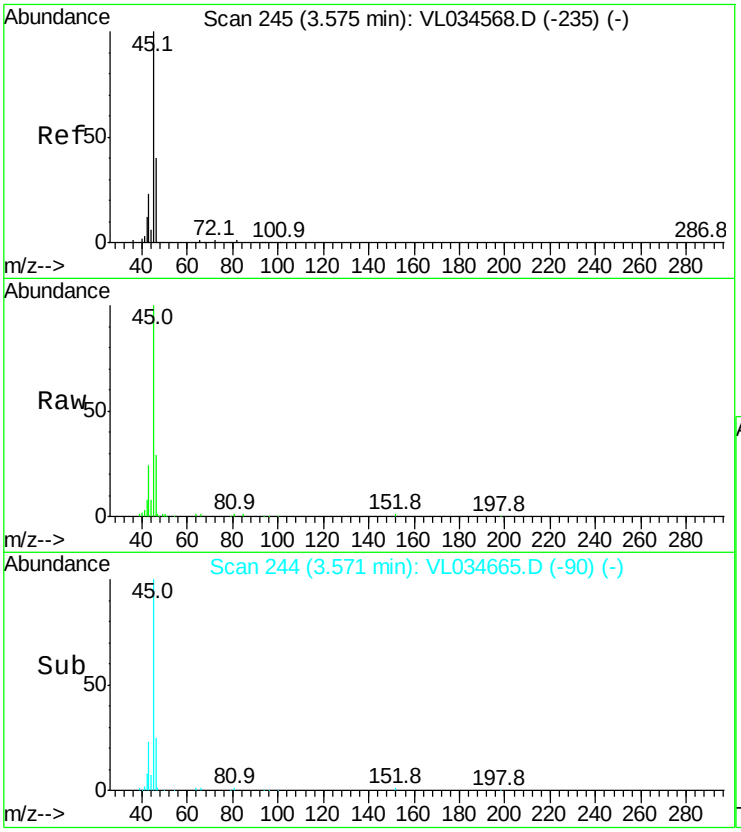


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.282 ppbv
RT: 4.46 min Scan# 520
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:101 Resp: 1375491

Ion	Ratio	Lower	Upper
101	100		
151	70.1	57.0	85.6



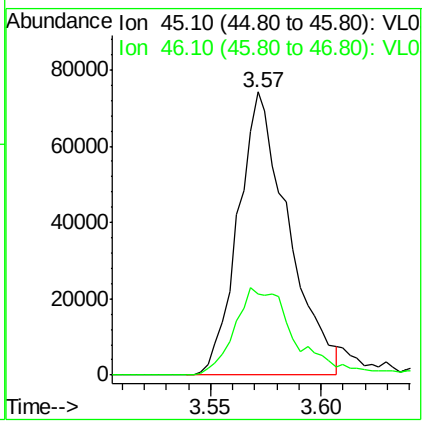


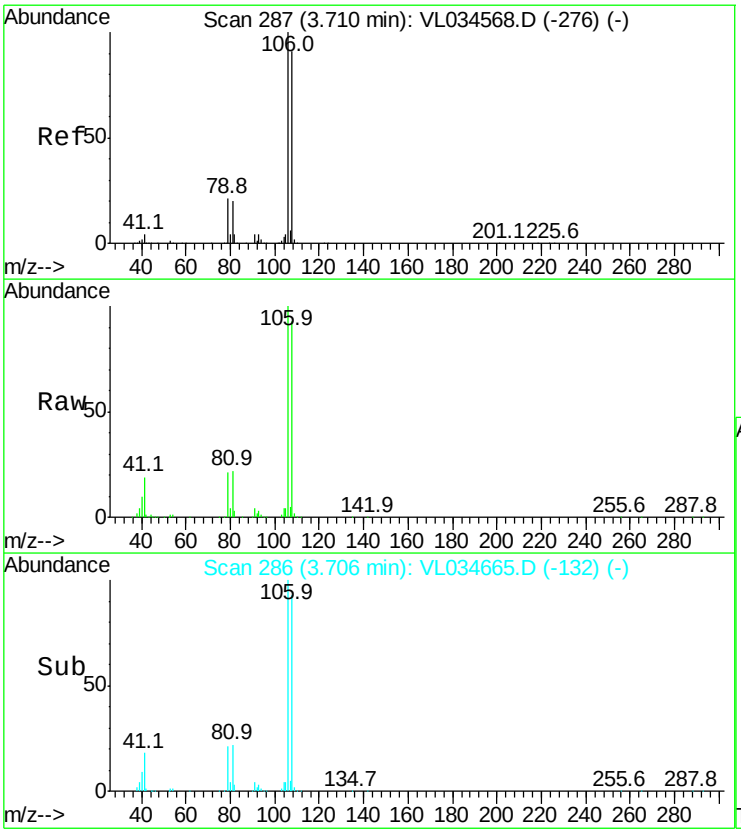
#13
Ethanol
Concen: 10.892 ppbv
RT: 3.57 min Scan# 244
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 117756

Ion	Ratio	Lower	Upper
45	100		
46	38.8	14.8	59.2

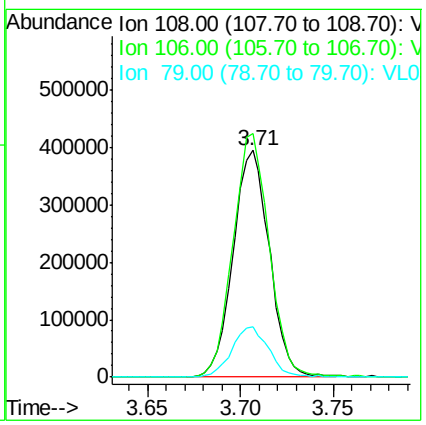


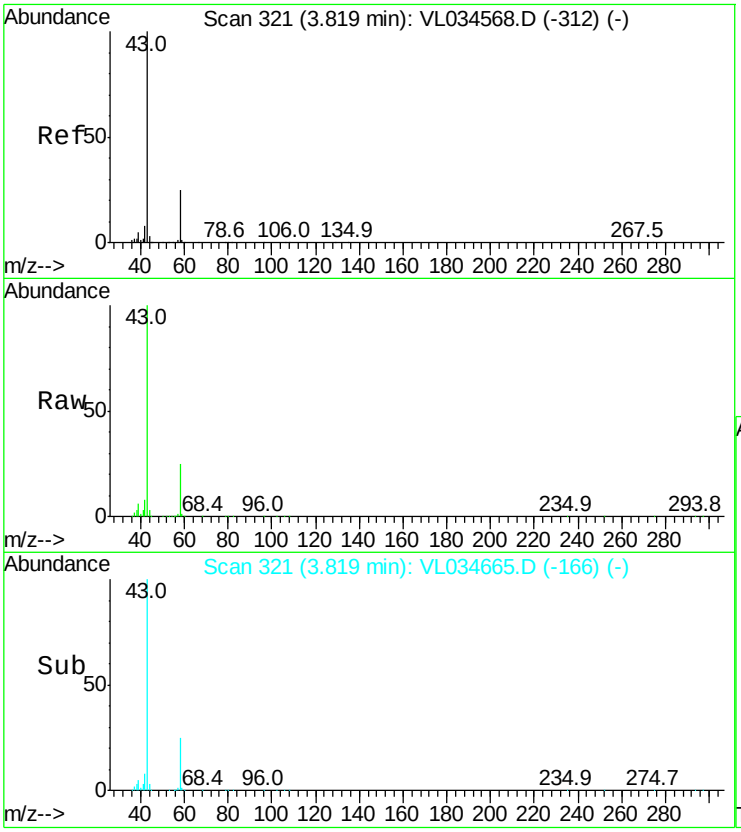


#14
Bromoethene
Concen: 12.228 ppbv
RT: 3.71 min Scan# 286
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:108 Resp: 537196

Ion	Ratio	Lower	Upper
108	100		
106	107.7	84.6	127.0
79	22.9	18.2	27.2



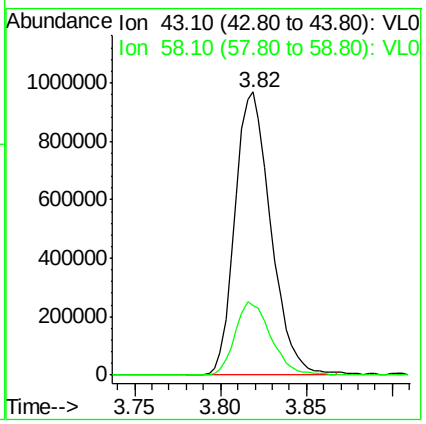


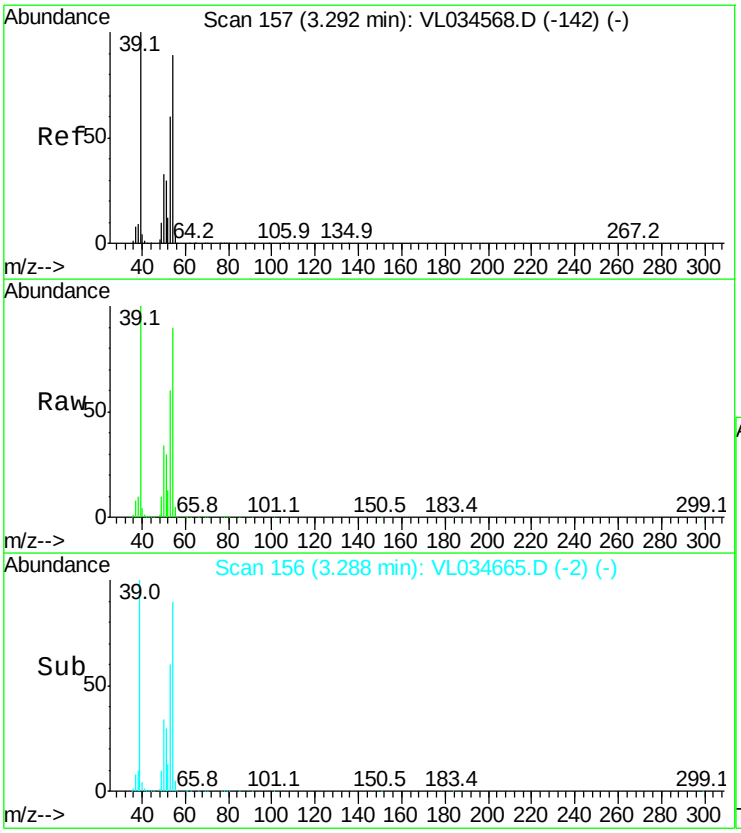
#15
Acetone
Concen: 11.154 ppbv
RT: 3.82 min Scan# 321
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1406316

Ion	Ratio	Lower	Upper
43	100		
58	26.1	20.3	30.5

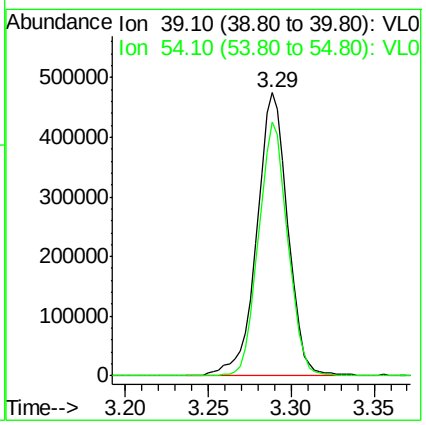


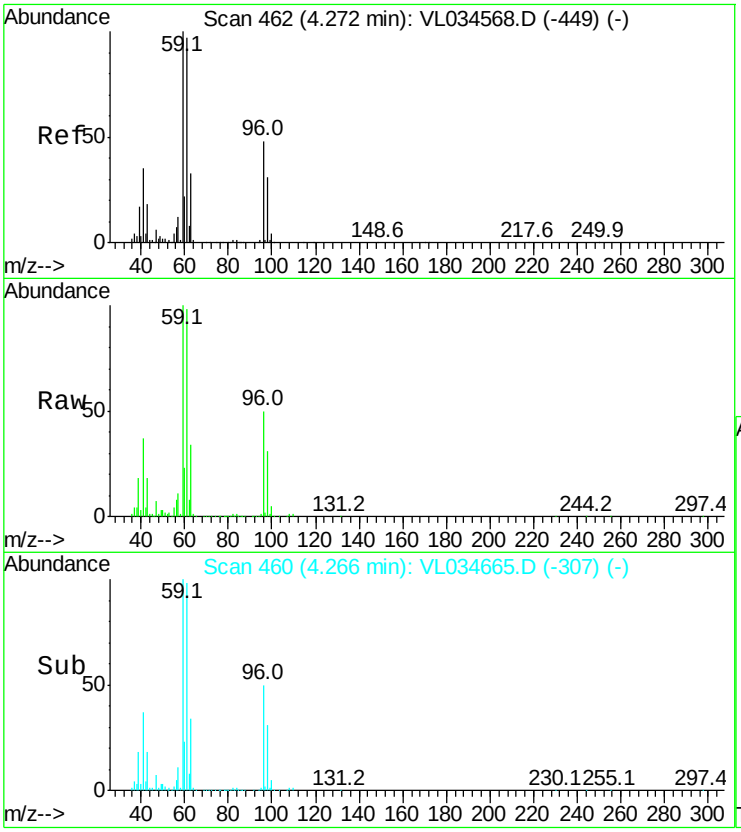


#16
1,3-Butadiene
Concen: 12.237 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 39 Resp: 612683

Ion	Ratio	Lower	Upper
39	100		
54	84.9	66.7	100.1



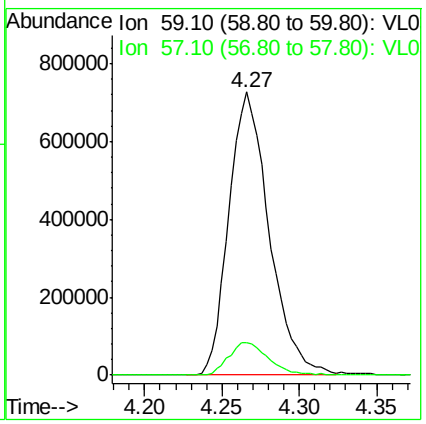


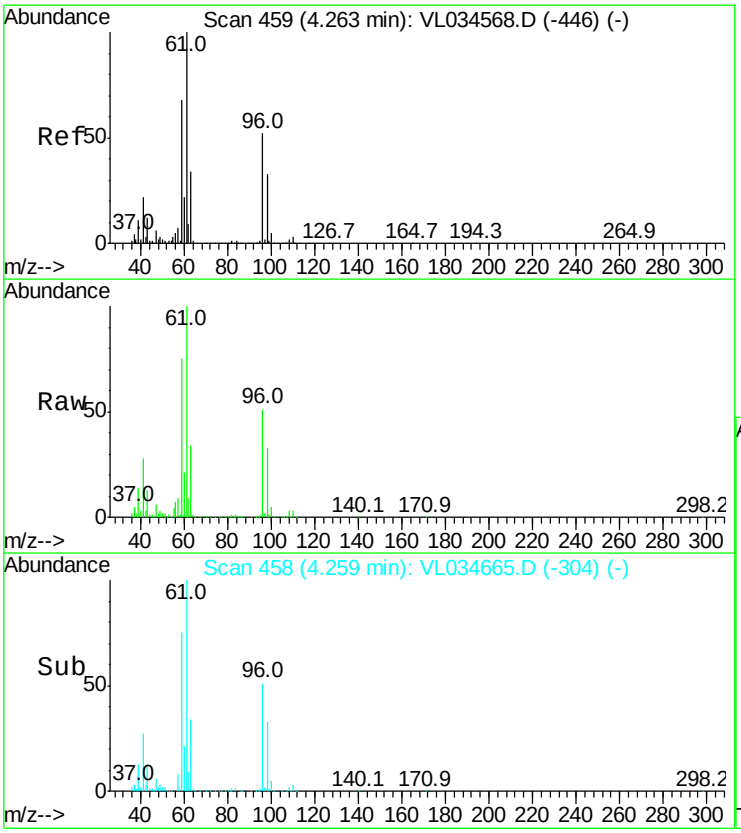
#17
tert-Butyl alcohol
Concen: 14.175 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1314303

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.7	13.1

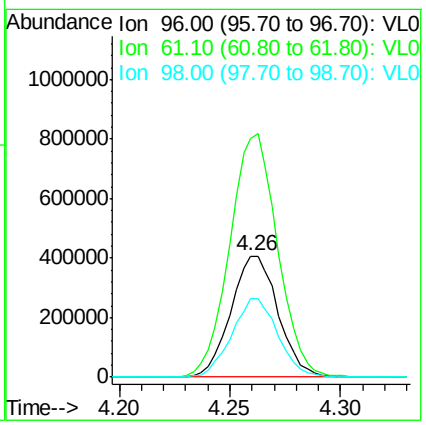


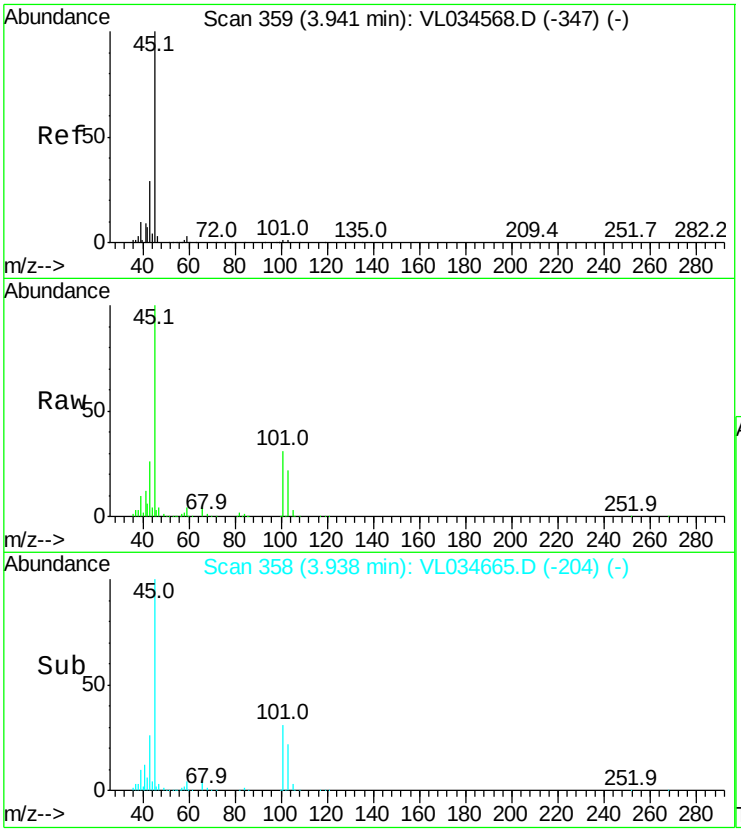


#18
1,1-Dichloroethene
Concen: 12.705 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 96 Resp: 600617

Ion	Ratio	Lower	Upper
96	100		
61	196.3	154.5	231.7
98	65.0	50.3	75.5



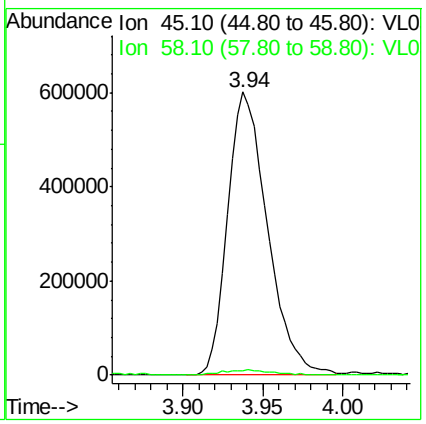


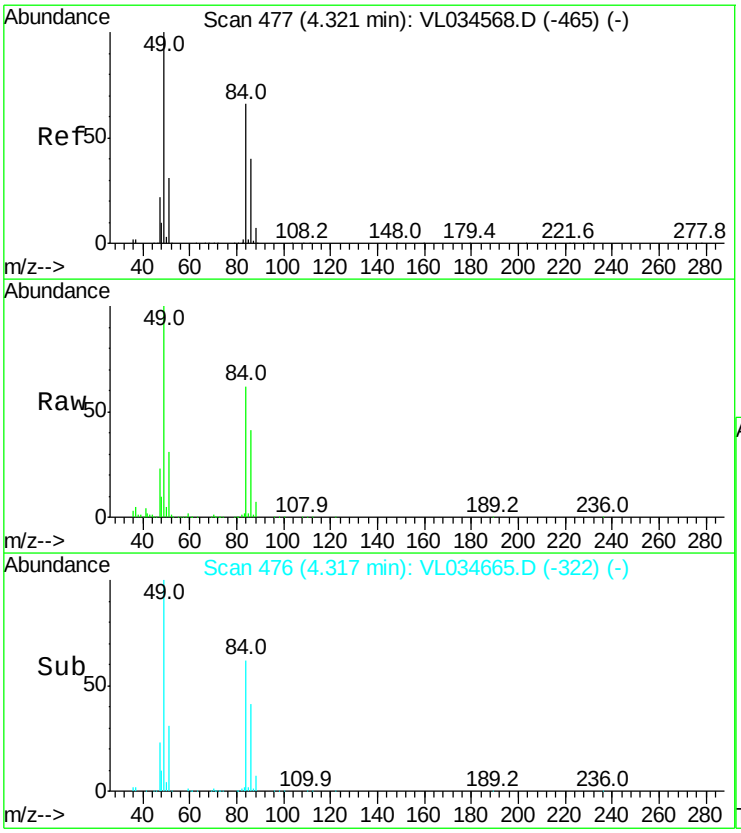
#19
Isopropyl Alcohol
Concen: 13.867 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 1020267

Ion	Ratio	Lower	Upper
45	100		
58	2.6	1.7	2.5#

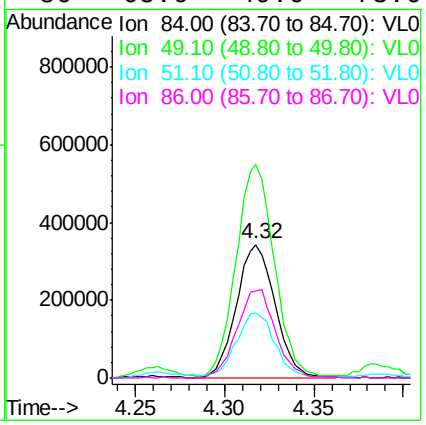


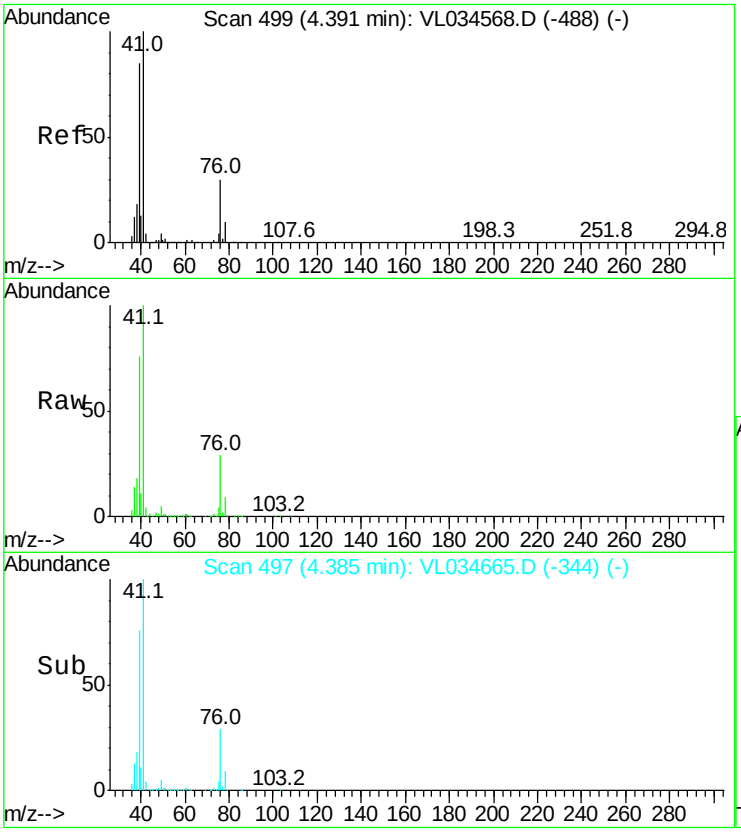


#20
Methylene Chloride
Concen: 10.827 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 84 Resp: 519793

Ion	Ratio	Lower	Upper
84	100		
49	159.2	122.4	183.6
51	48.2	38.6	57.8
86	65.6	49.0	73.6



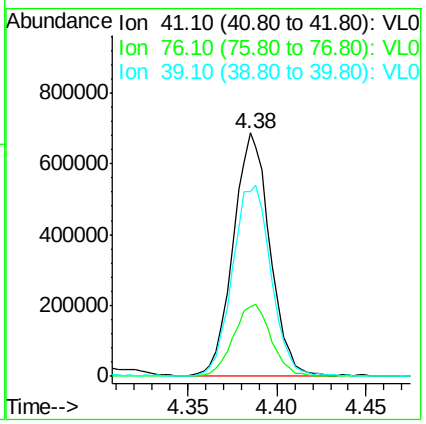


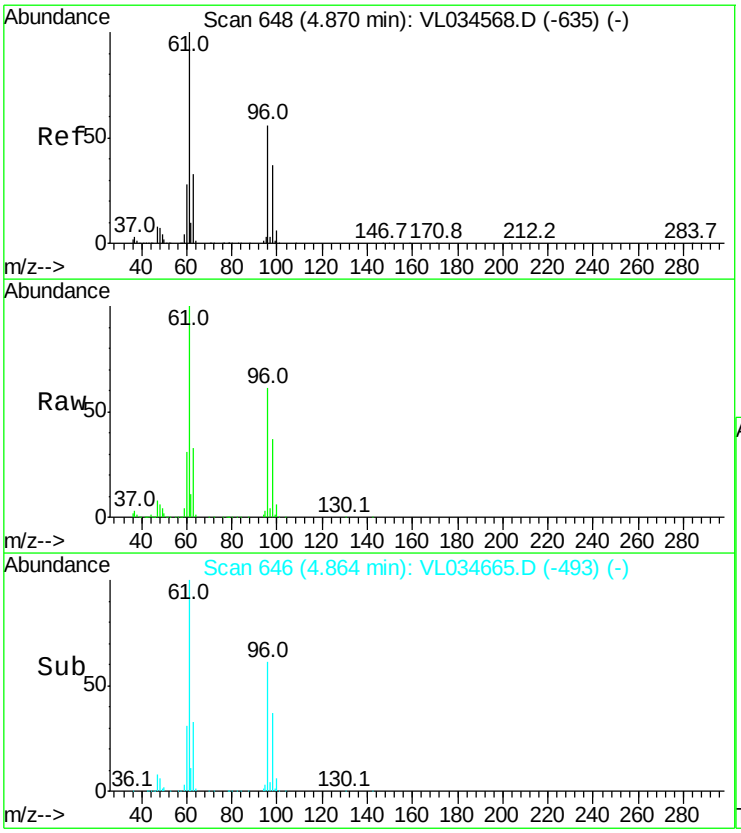
#21
Allyl Chloride
Concen: 12.541 ppbv
RT: 4.38 min Scan# 497
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 41 Resp: 981975

Ion	Ratio	Lower	Upper
41	100		
76	30.5	24.2	36.2
39	83.3	68.3	102.5

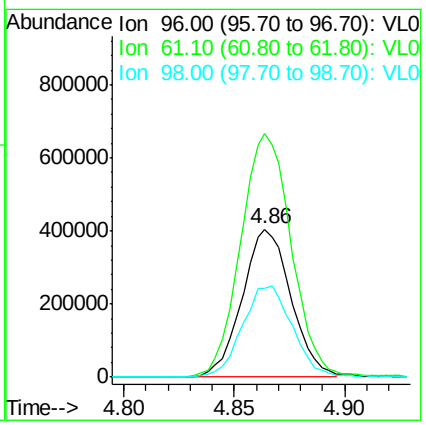


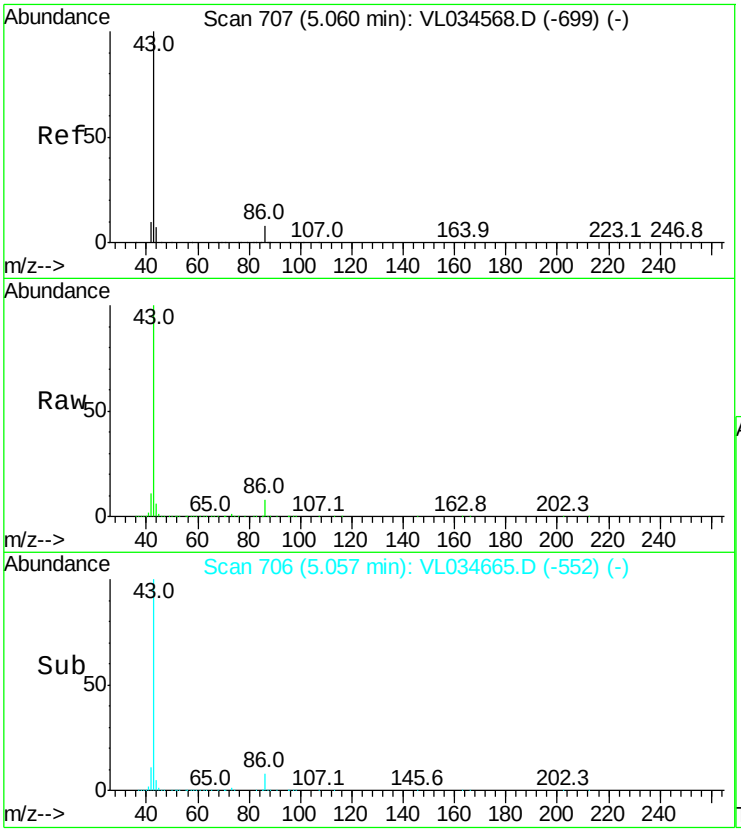


#22
trans-1,2-Dichloroethene
Concen: 12.545 ppbv
RT: 4.86 min Scan# 646
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 96 Resp: 621135

Ion	Ratio	Lower	Upper
96	100		
61	163.8	141.9	212.9
98	60.0	53.1	79.7



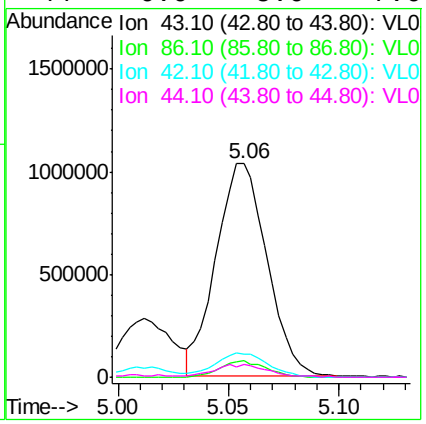


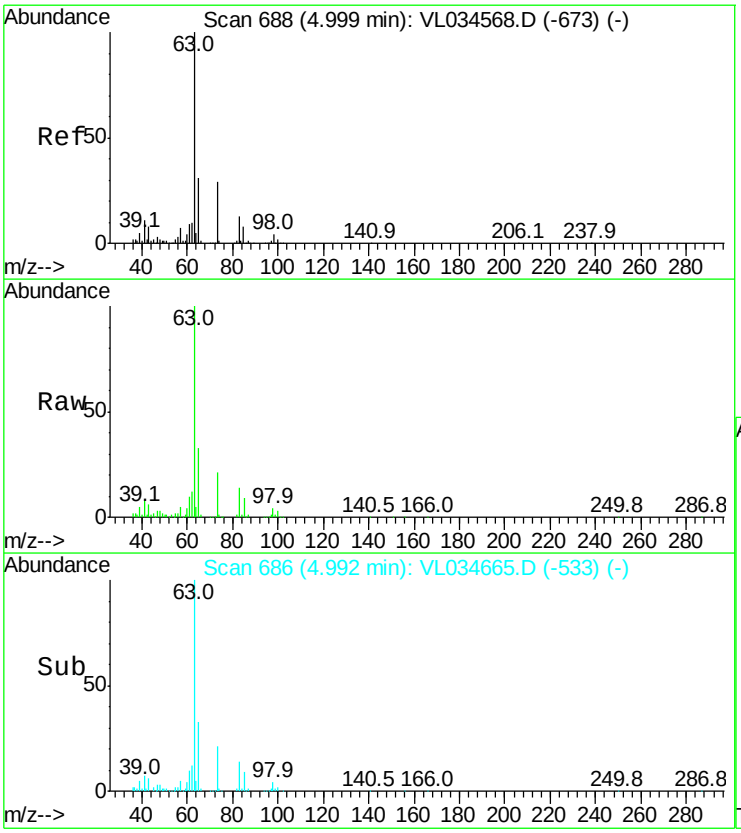
#23
Vinyl Acetate
Concen: 11.539 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1659876

Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.9	8.9
42	10.8	8.8	13.2
44	6.0	5.0	7.6

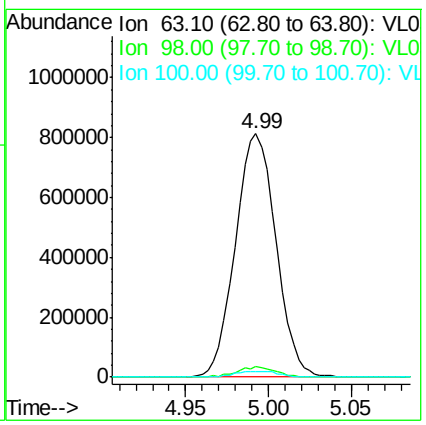


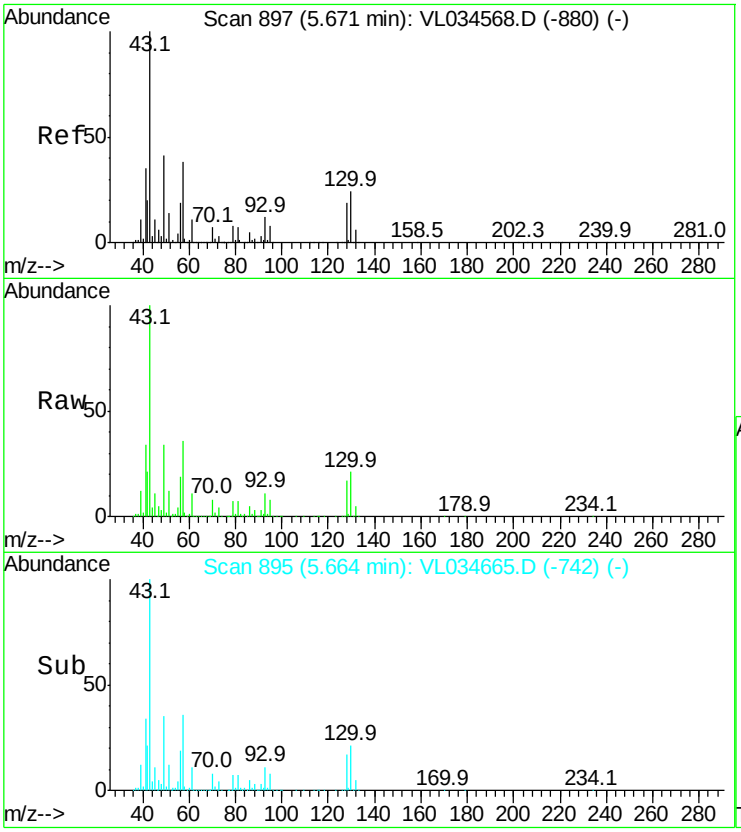


#24
1,1-Dichloroethane
Concen: 11.532 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 63 Resp: 1384960

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	2.5	1.1	3.5



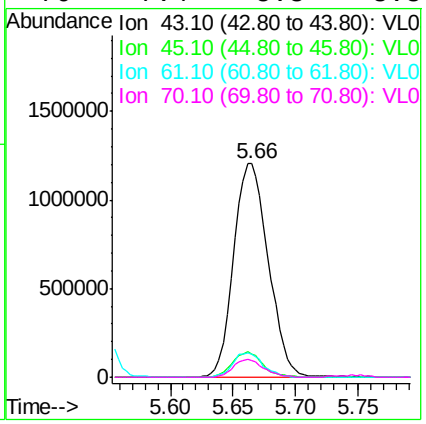


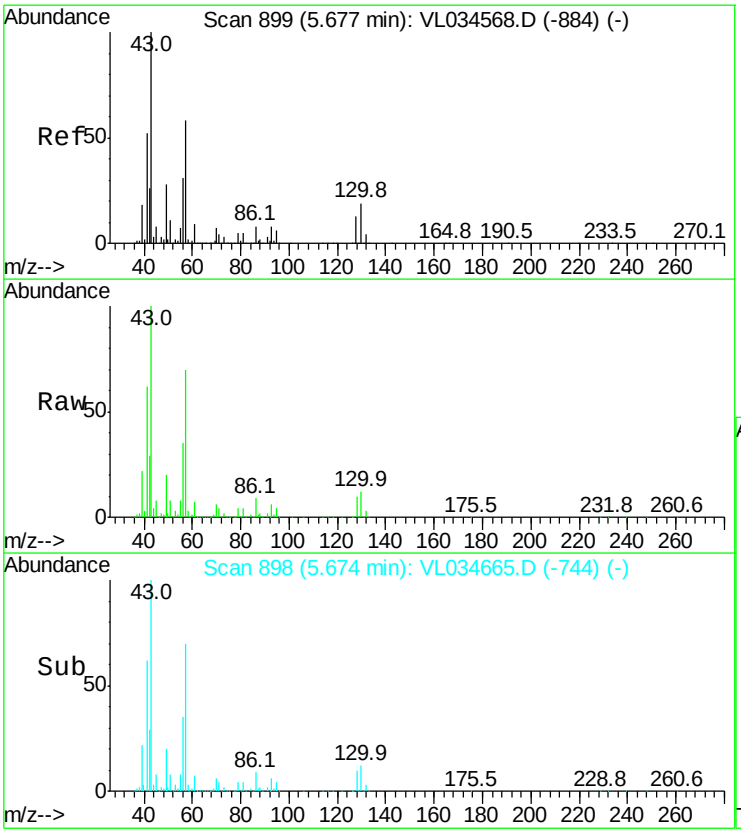
#25
Ethyl Acetate
Concen: 11.303 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2307120

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.5	12.7
61	10.1	7.8	11.6
70	7.4	5.8	8.8

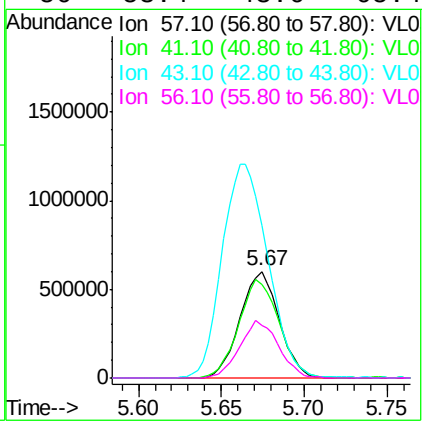


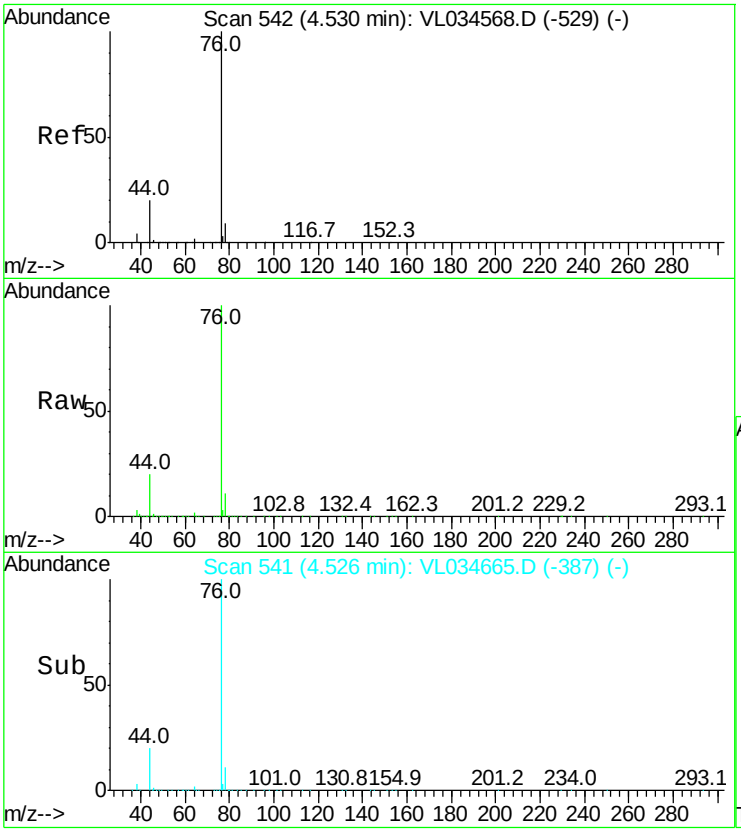


#26
Hexane
Concen: 11.502 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 57 Resp: 983385

Ion	Ratio	Lower	Upper
57	100		
41	96.1	76.2	114.2
43	234.9	189.9	284.9
56	53.4	43.6	65.4



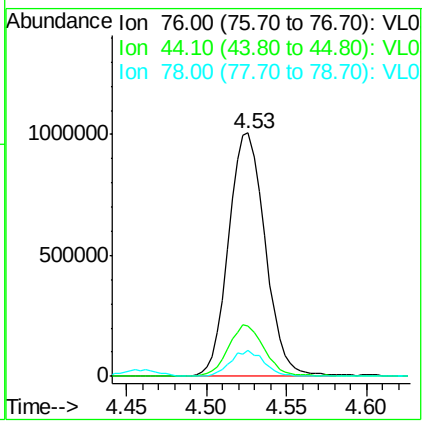


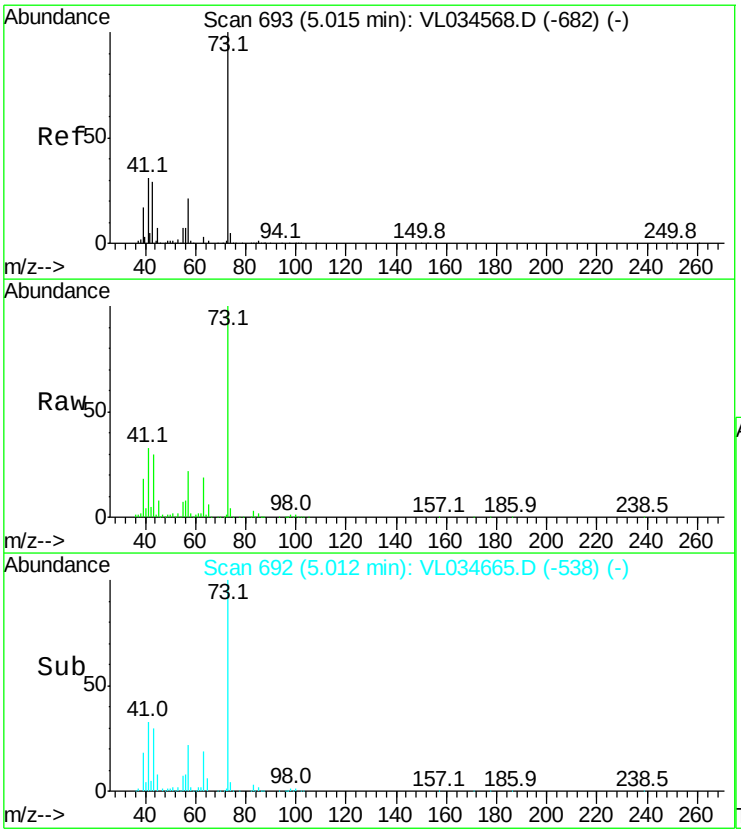
#27
Carbon Disulfide
Concen: 13.591 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1567913

Ion	Ratio	Lower	Upper
76	100		
44	20.3	16.3	24.5
78	9.9	7.4	11.2

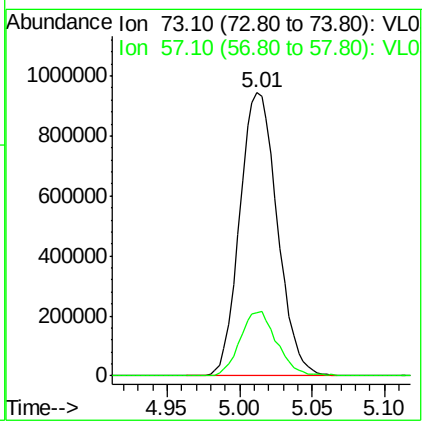


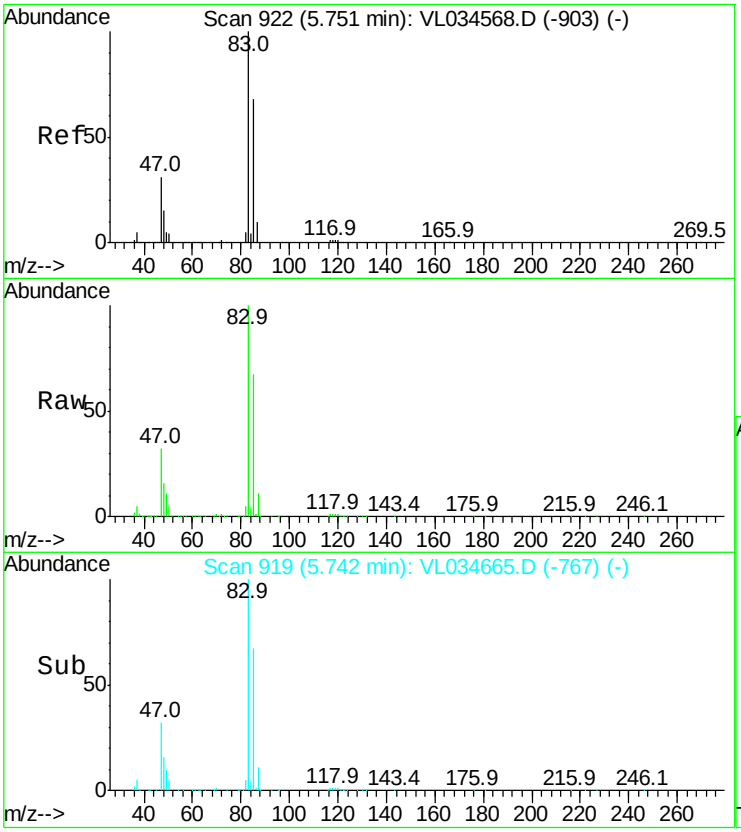


#28
Methyl tert-Butyl Ether
Concen: 11.681 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 73 Resp: 1703257

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.9	26.9



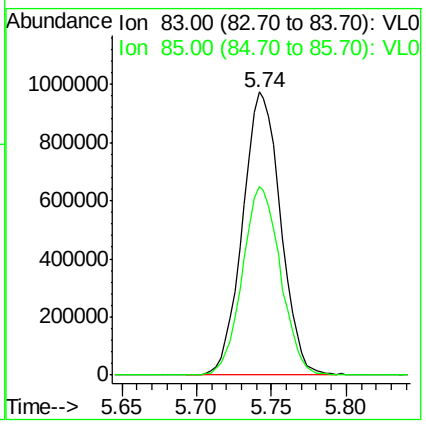


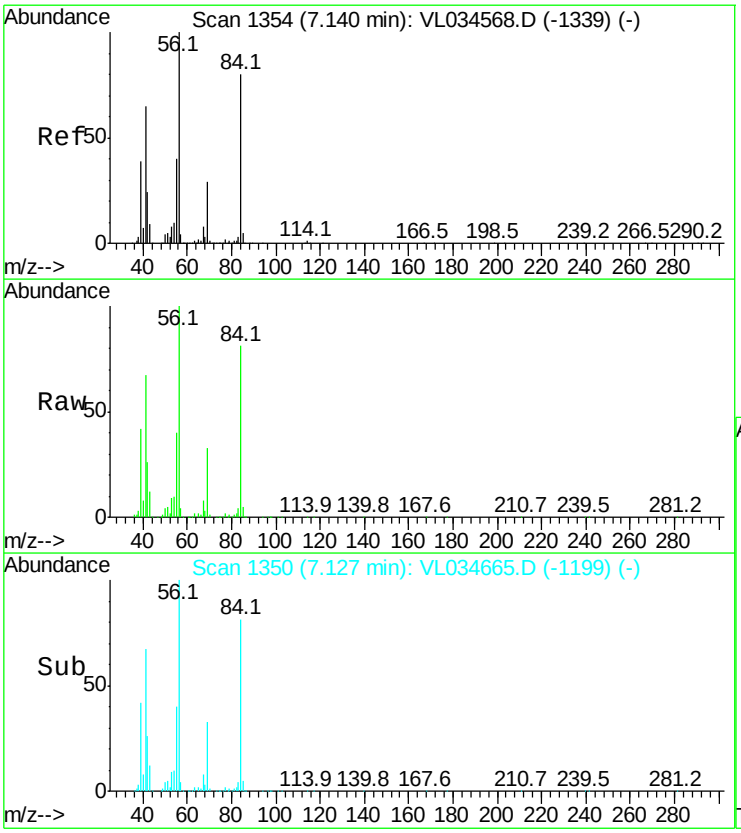
#29
Chloroform
Concen: 11.395 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1722718

Ion	Ratio	Lower	Upper
83	100		
85	66.4	54.0	81.0

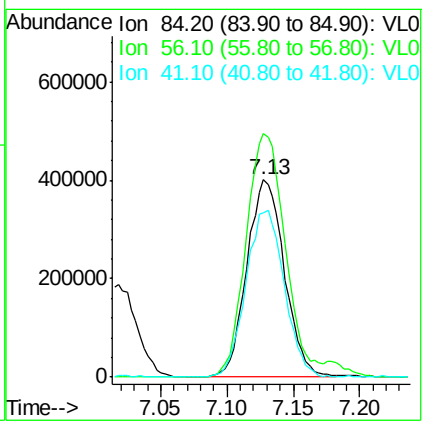


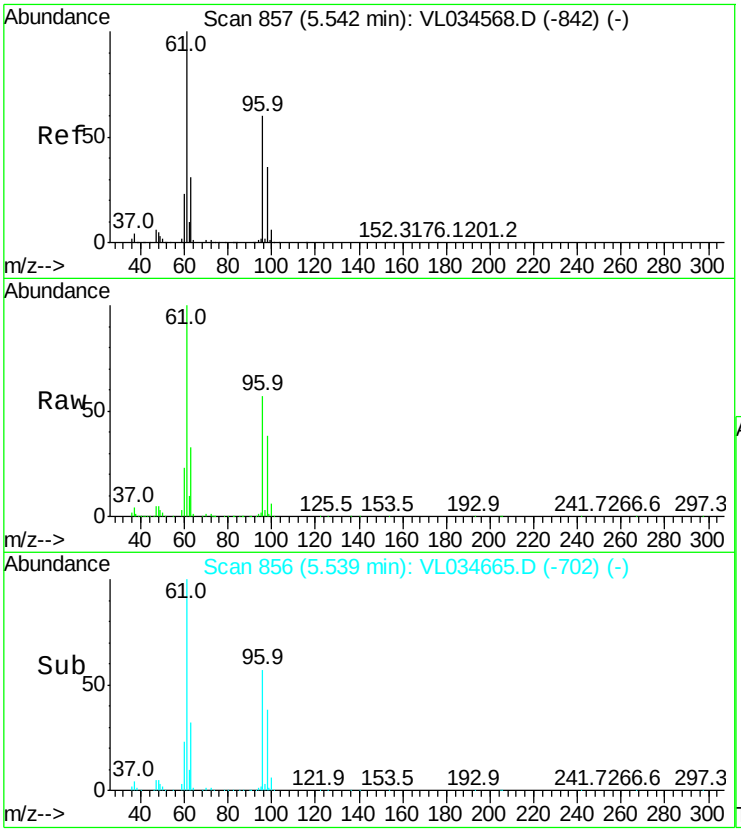


#30
Cyclohexane
Concen: 12.451 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 84 Resp: 788828

Ion	Ratio	Lower	Upper
84	100		
56	133.3	110.5	165.7
41	86.5	71.9	107.9



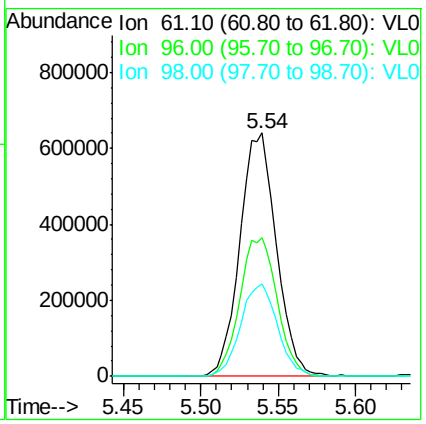


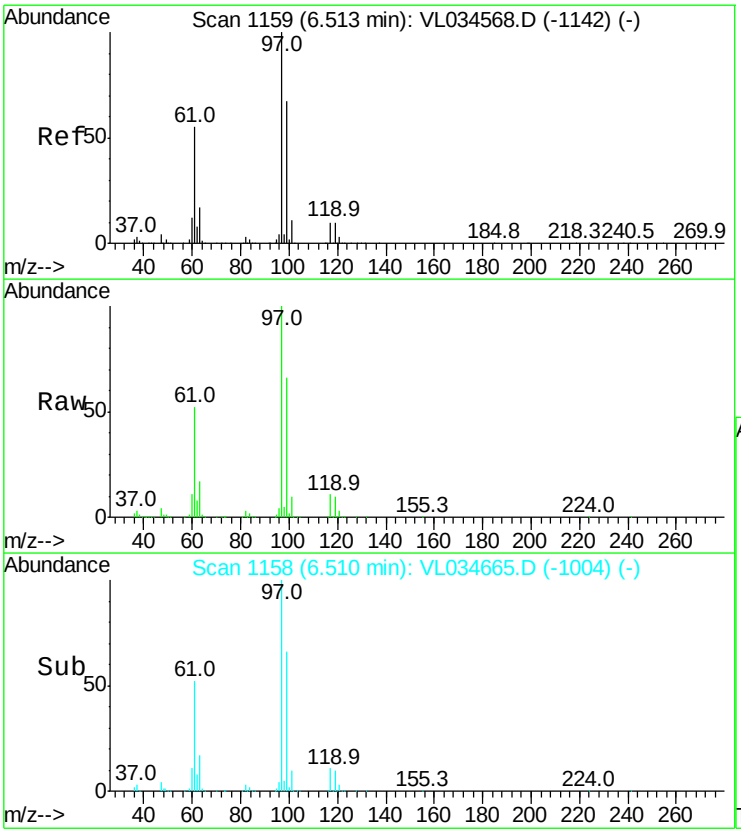
#31
cis-1,2-Dichloroethene
Concen: 11.869 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1054306

Ion	Ratio	Lower	Upper
61	100		
96	56.9	48.0	72.0
98	37.8	28.6	43.0

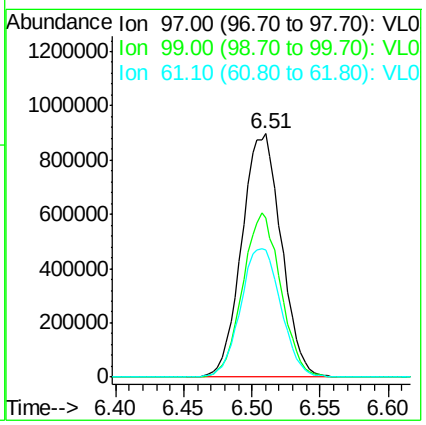


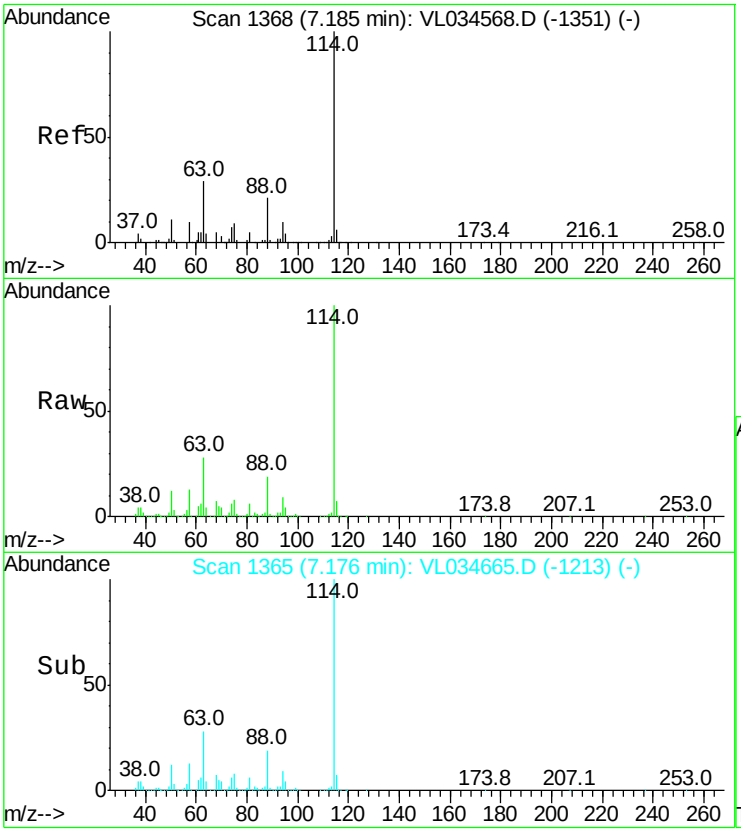


#32
1,1,1-Trichloroethane
Concen: 11.129 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 97 Resp: 1806602

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.2
61	53.9	43.0	64.4



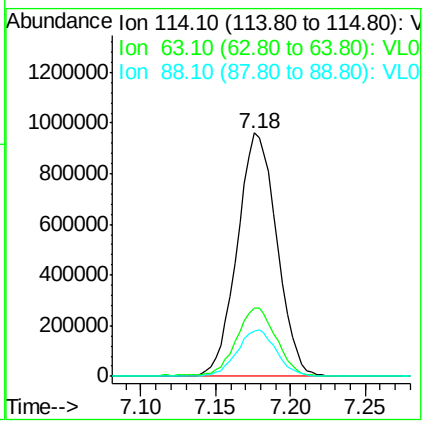


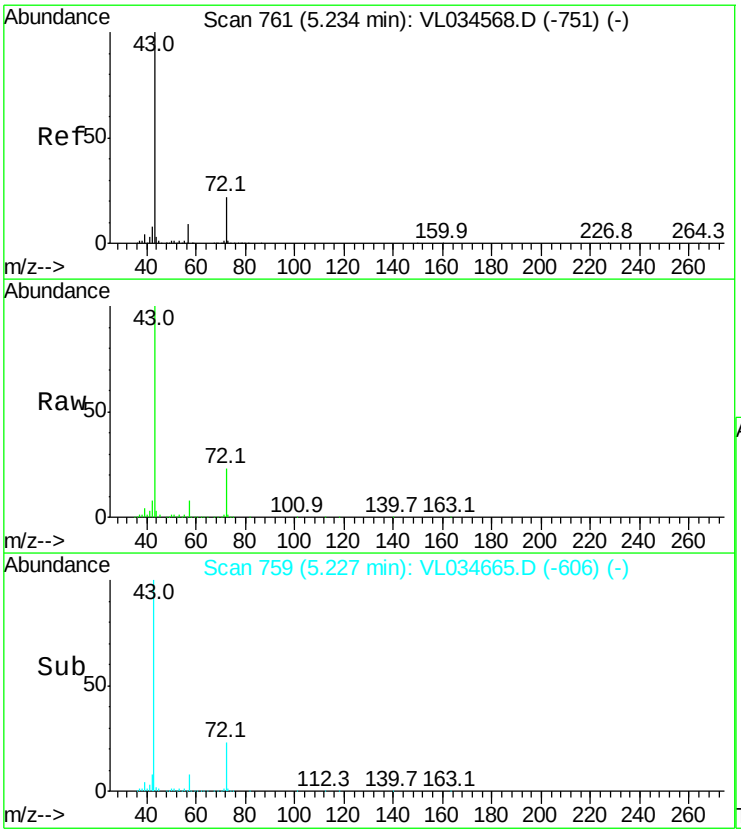
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 1771399

Ion	Ratio	Lower	Upper
114	100		
63	29.1	24.1	36.1
88	18.8	15.9	23.9

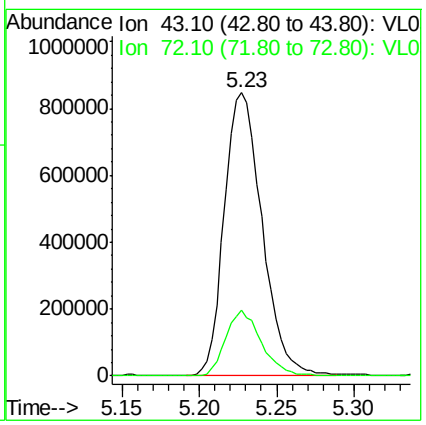


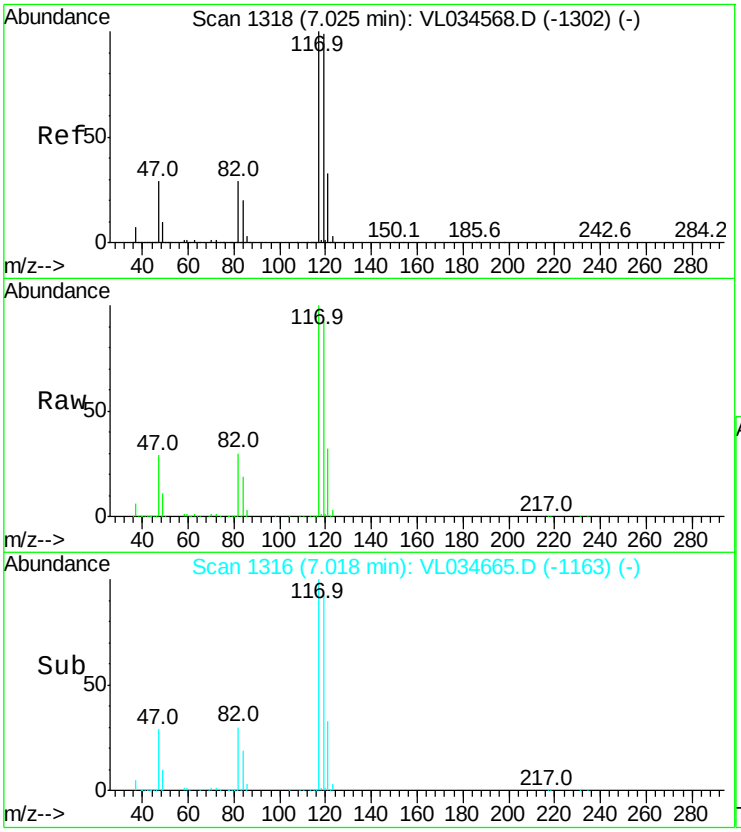


#34
2-Butanone
Concen: 11.083 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 43 Resp: 1425474

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.2	25.8



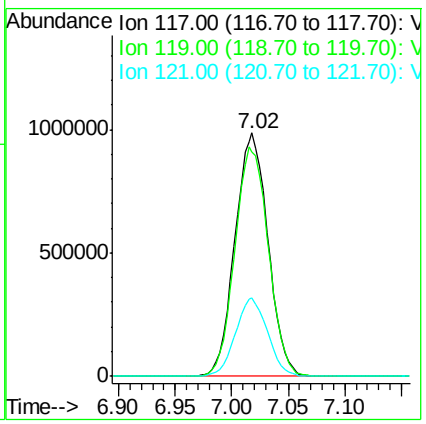


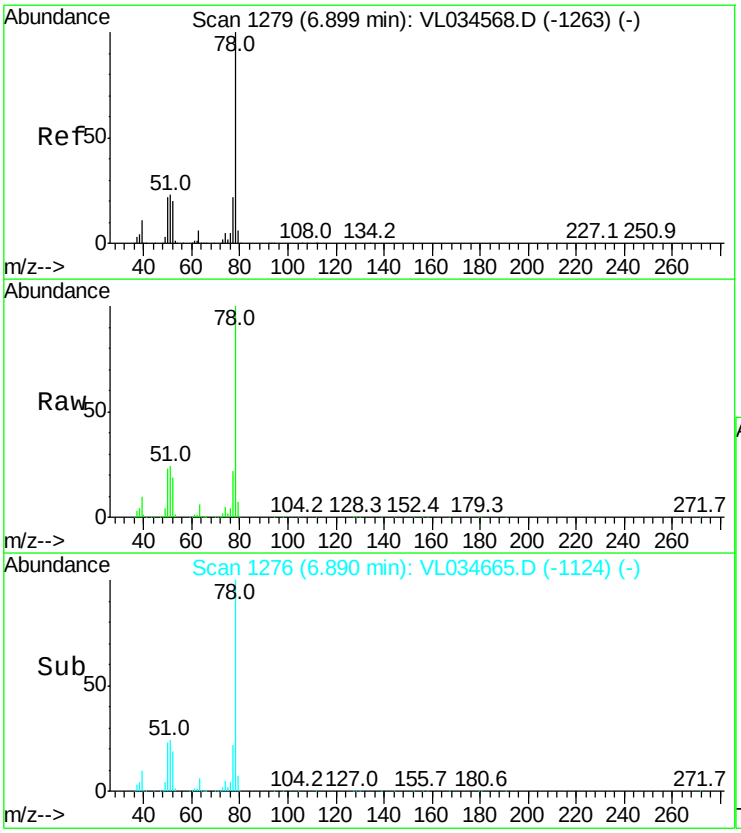
#35
Carbon Tetrachloride
Concen: 11.793 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 1997191

Ion	Ratio	Lower	Upper
117	100		
119	92.4	79.5	119.3
121	32.4	26.2	39.2

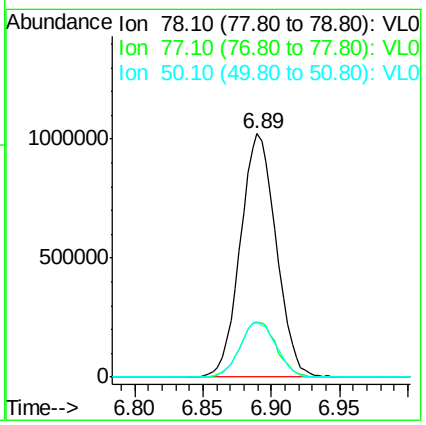


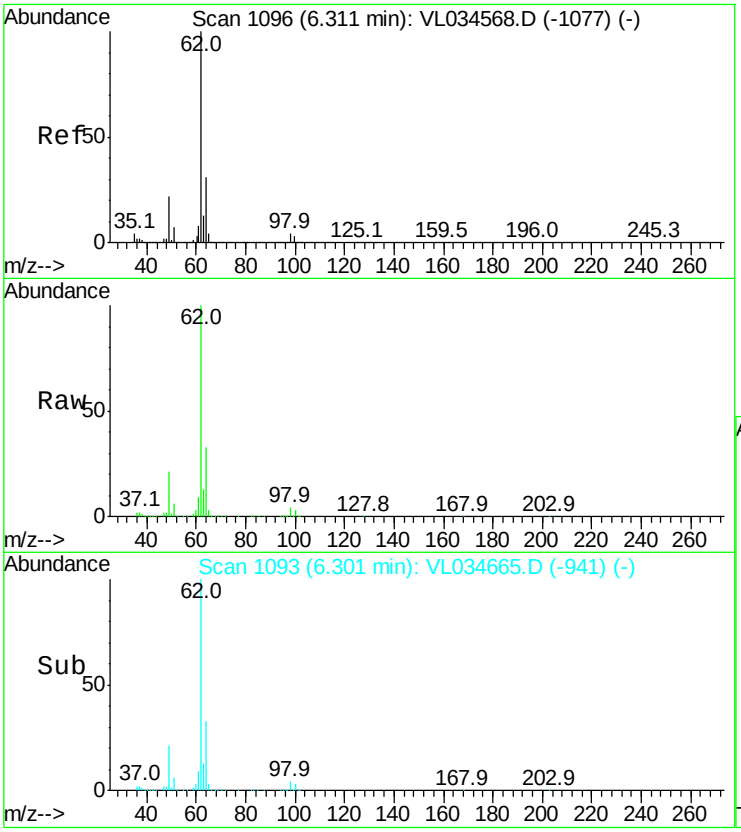


#36
Benzene
Concen: 11.836 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 78 Resp: 1864489

Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.3	25.9
50	22.8	17.4	26.2



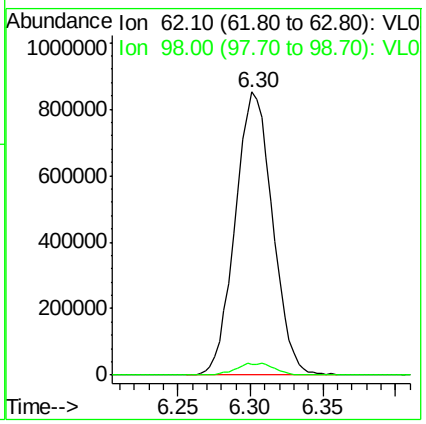


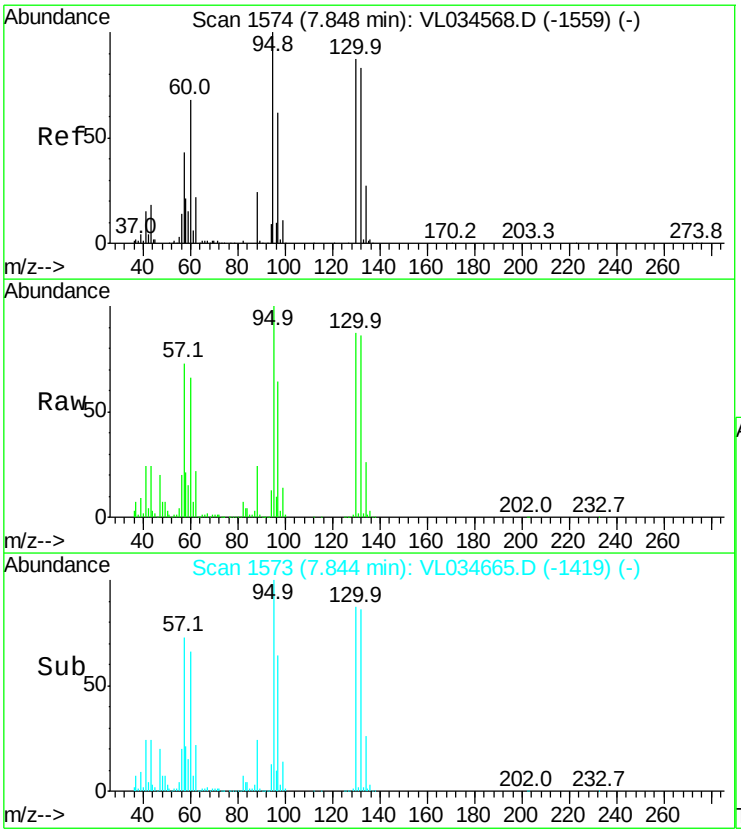
#37
1,2-Dichloroethane
Concen: 11.627 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 1528104

Ion	Ratio	Lower	Upper
62	100		
98	4.3	3.7	5.5

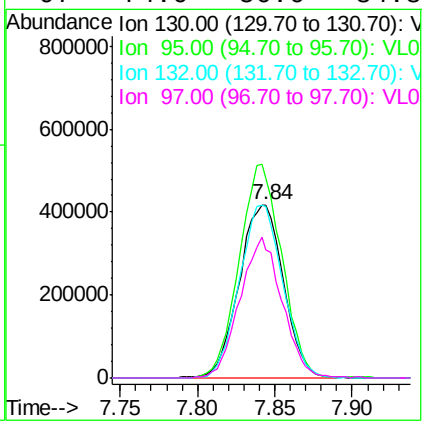


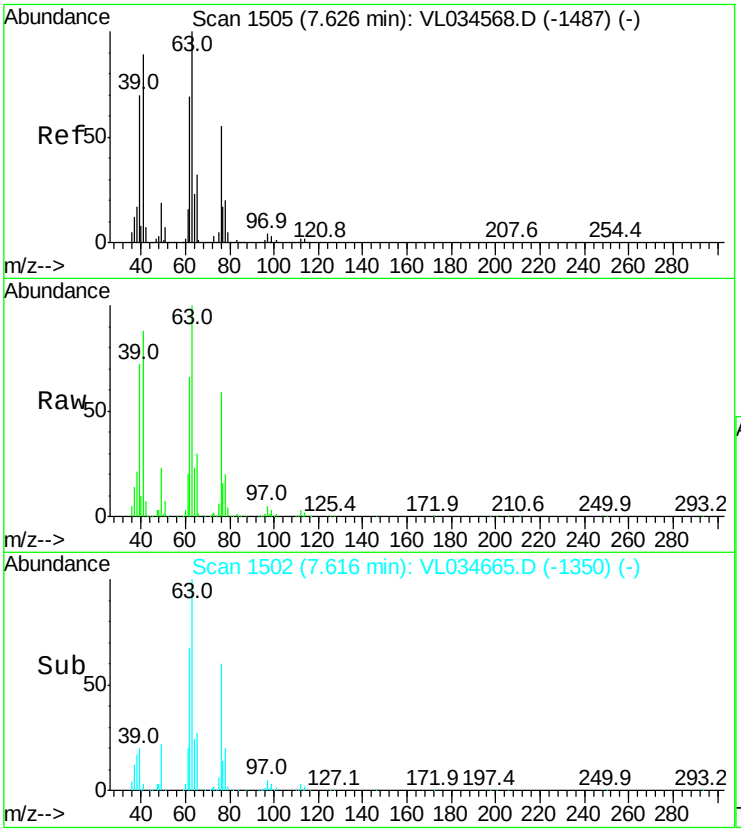


#38
Trichloroethene
Concen: 12.412 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:130 Resp: 824165

Ion	Ratio	Lower	Upper
130	100		
95	115.6	91.6	137.4
132	99.3	76.1	114.1
97	74.0	56.6	84.8



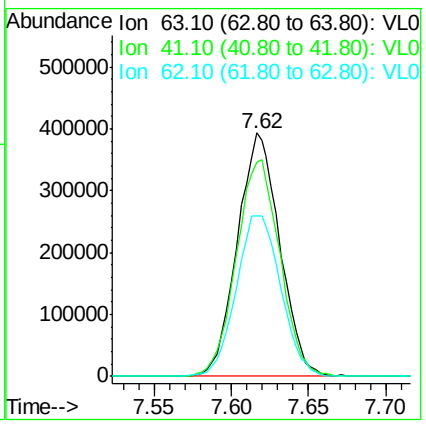


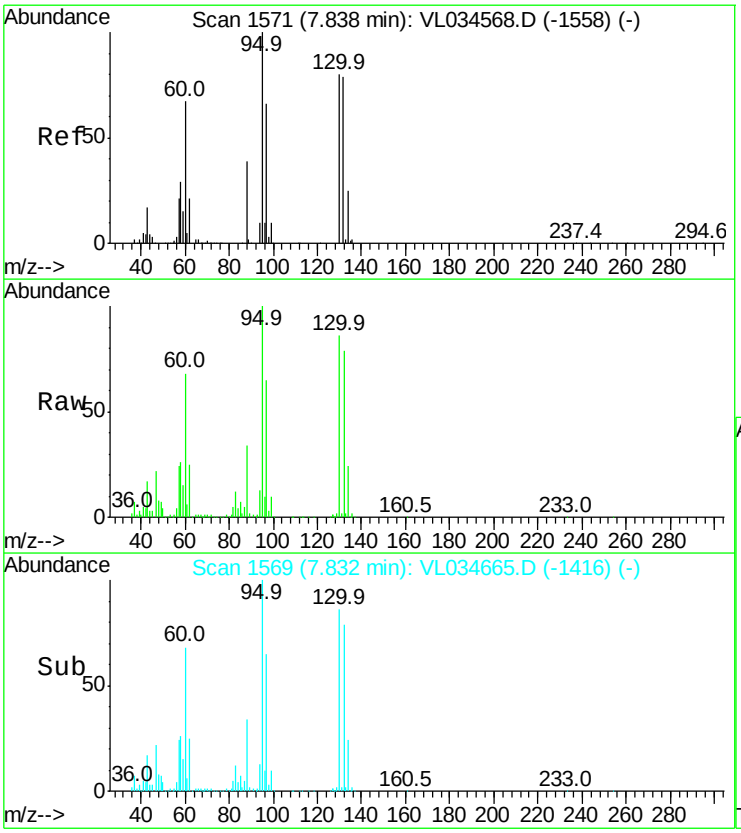
#39
1,2-Dichloropropane
Concen: 11.417 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 63 Resp: 745557

Ion	Ratio	Lower	Upper
63	100		
41	87.8	71.0	106.4
62	66.1	55.4	83.0

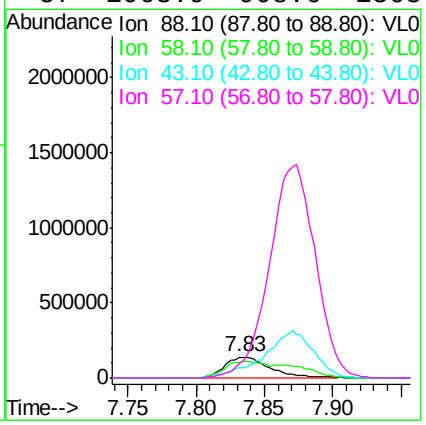


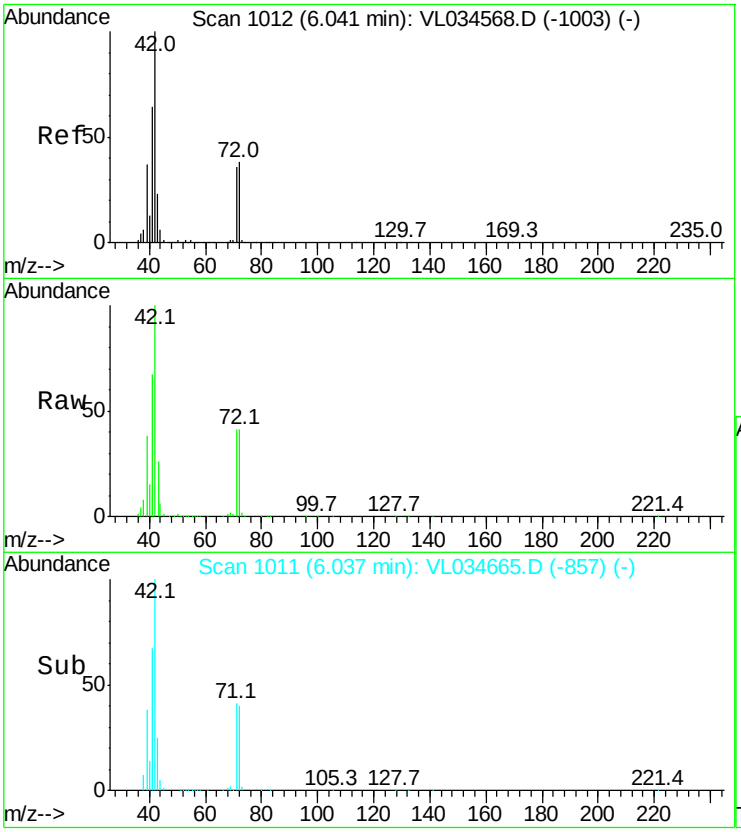


#40
1,4-Dioxane
Concen: 12.517 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 88 Resp: 314205

Ion	Ratio	Lower	Upper
88	100		
58	128.5	107.8	161.8
43	253.0	220.9	331.3
57	1063.9	908.6	1363.0



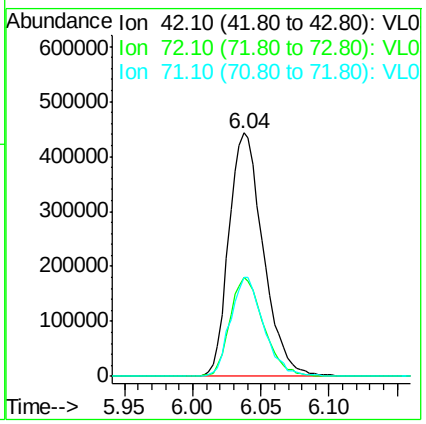


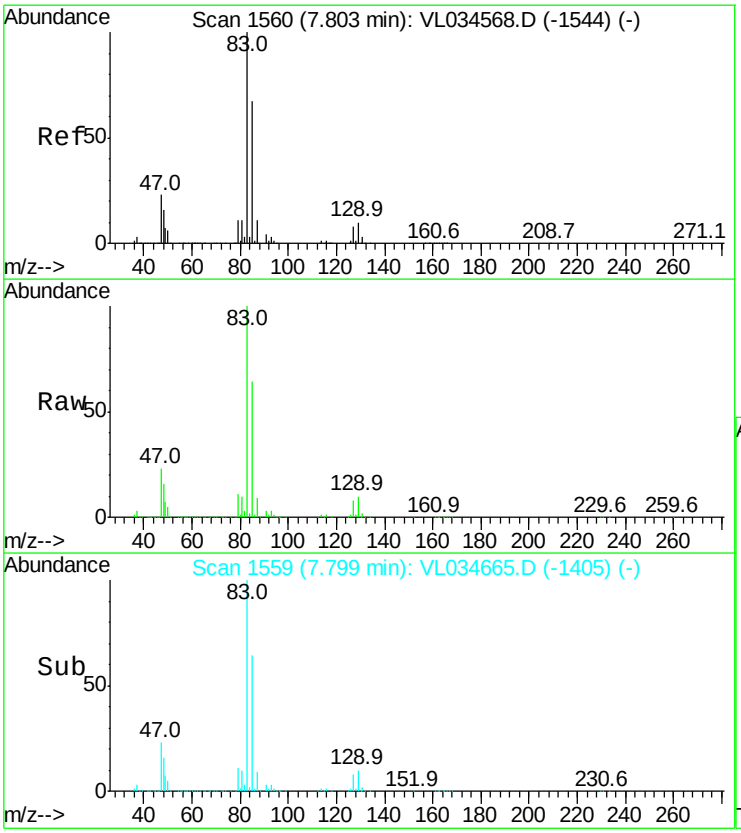
#41
Tetrahydrofuran
Concen: 11.535 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 773985

Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.8	47.8
71	39.5	30.2	45.4

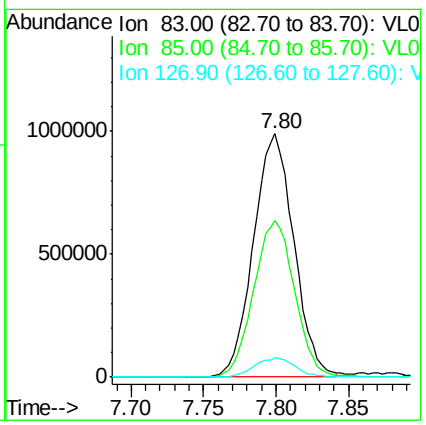


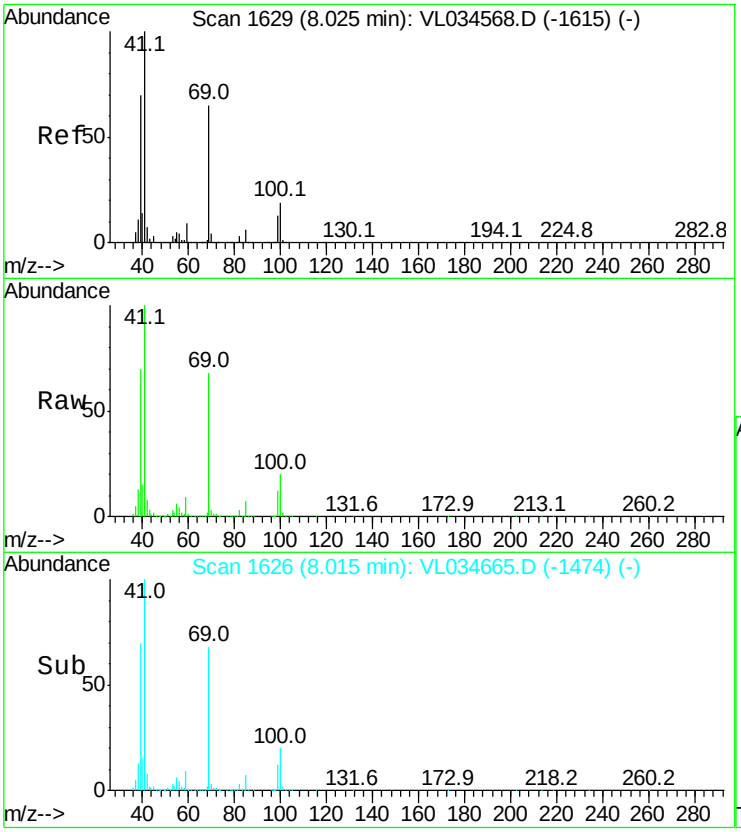


#42
Bromodichloromethane
Concen: 11.866 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 83 Resp: 1919457

Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.2	79.8
127	8.3	6.5	9.7



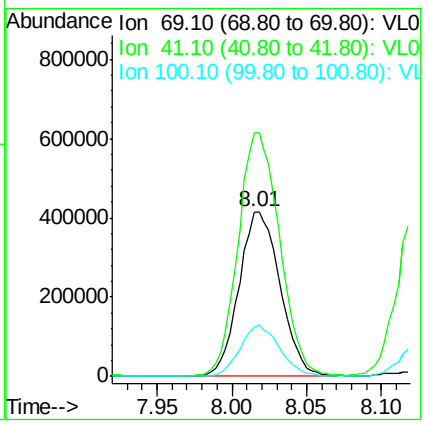


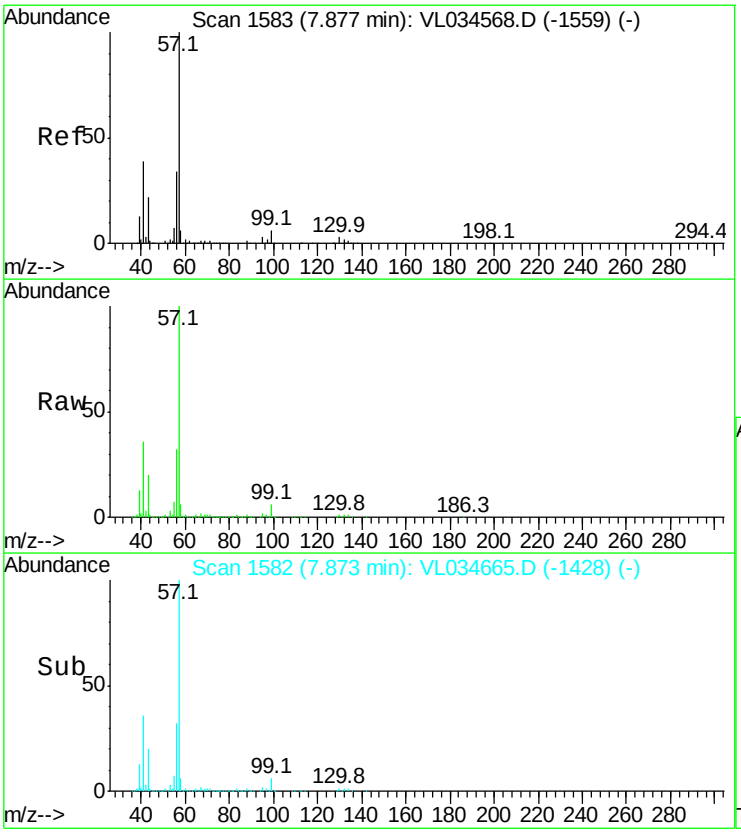
#43
Methyl Methacrylate
Concen: 12.541 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 69 Resp: 794562

Ion	Ratio	Lower	Upper
69	100		
41	149.8	123.9	185.9
100	30.1	24.1	36.1

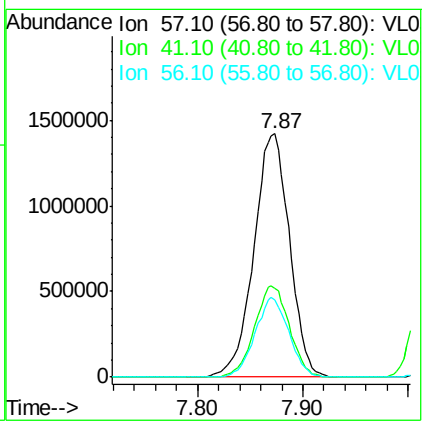


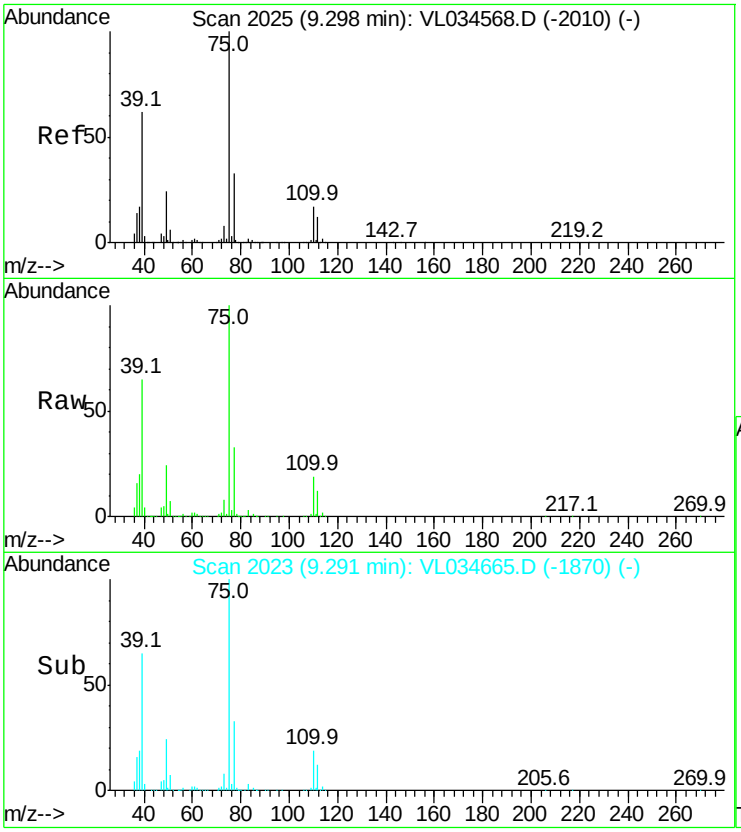


#44
2,2,4-Trimethylpentane
Concen: 11.684 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 57 Resp: 3339396

Ion	Ratio	Lower	Upper
57	100		
41	36.6	28.9	43.3
56	31.0	25.5	38.3



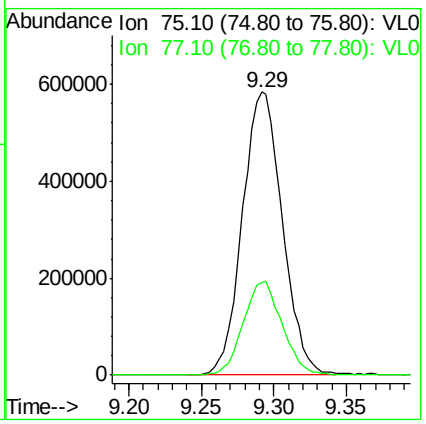


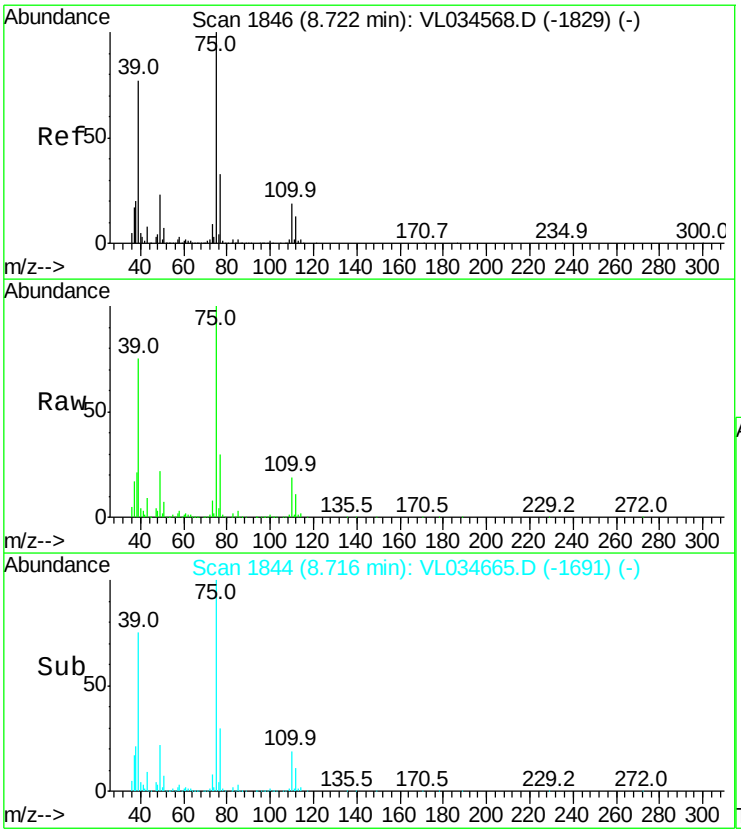
#45
t-1,3-Dichloropropene
Concen: 13.498 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1119879

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.7	40.1

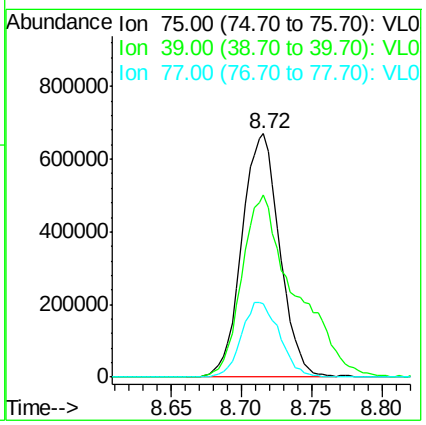


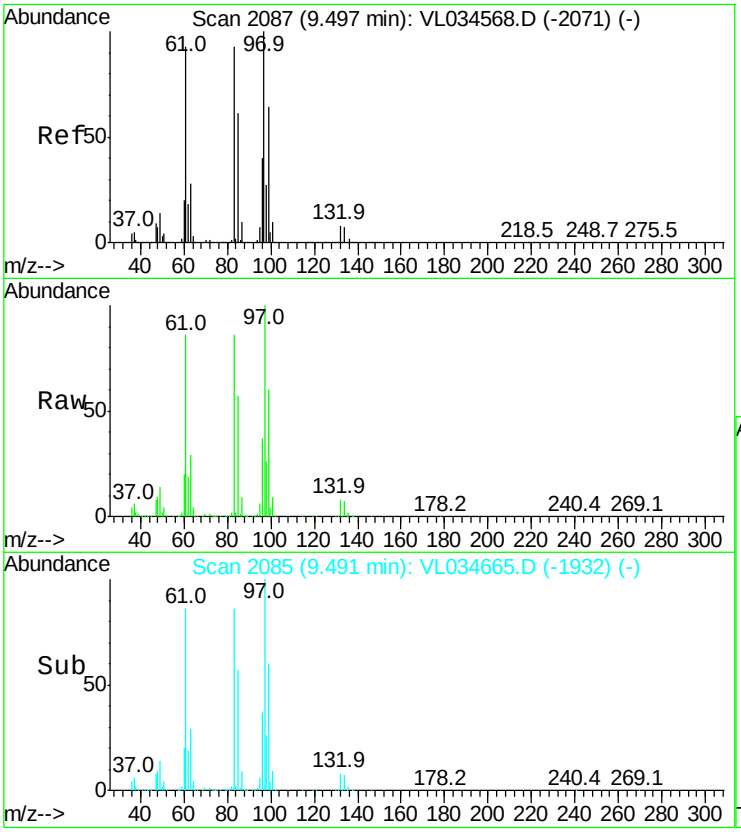


#46
cis-1,3-Dichloropropene
Concen: 13.349 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 75 Resp: 1258734

Ion	Ratio	Lower	Upper
75	100		
39	74.7	61.9	92.9
77	30.4	26.1	39.1



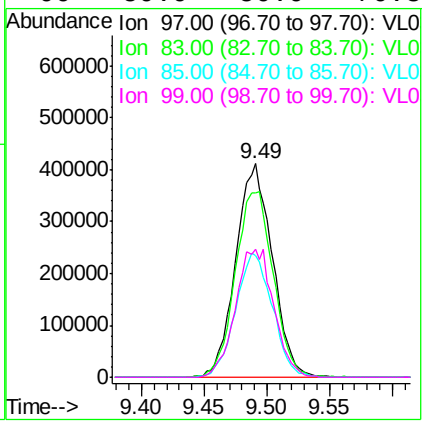


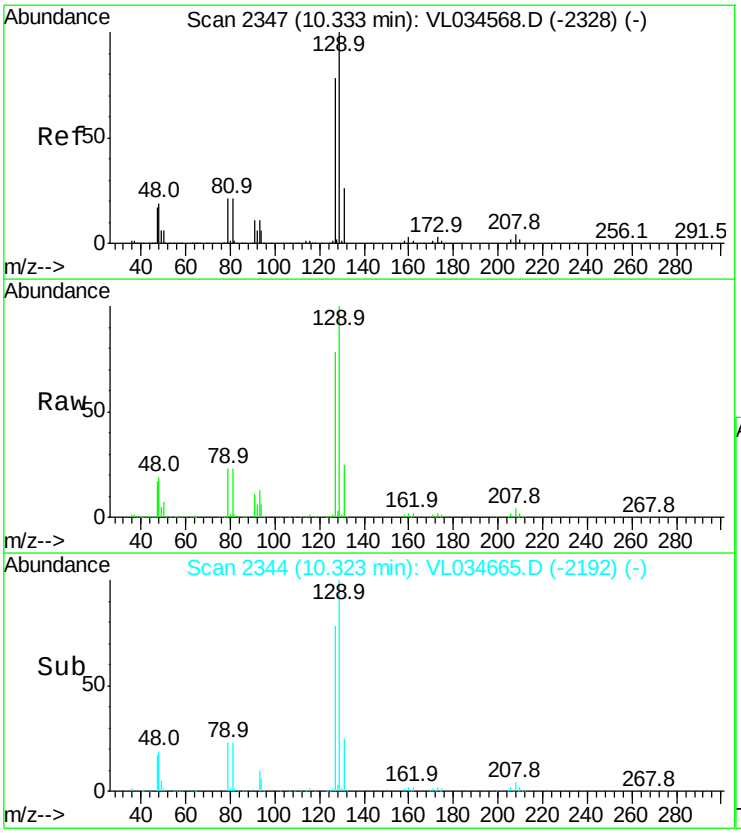
#47
1,1,2-Trichloroethane
Concen: 11.767 ppbv
RT: 9.49 min Scan# 2085
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 832257

Ion	Ratio	Lower	Upper
97	100		
83	86.3	74.4	111.6
85	56.7	49.2	73.8
99	59.9	50.9	76.3

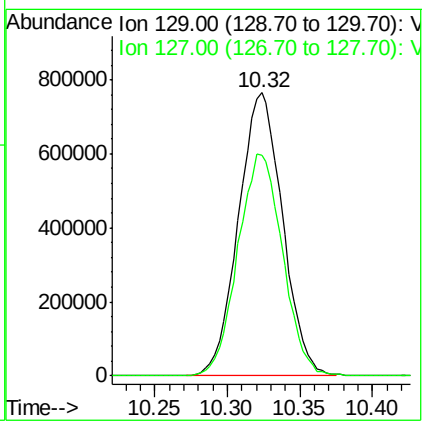


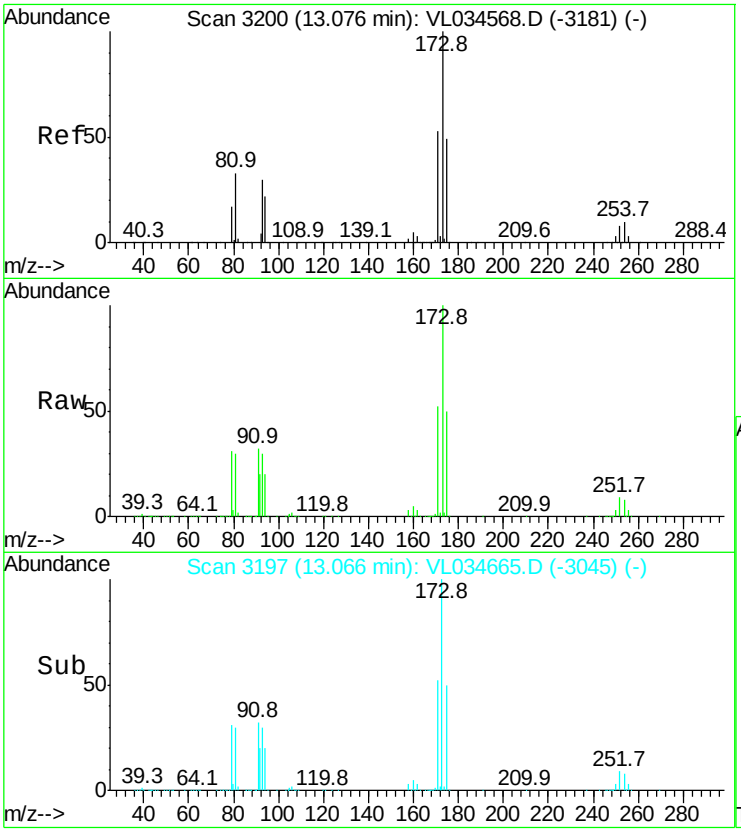


#48
Dibromochloromethane
Concen: 12.475 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:129 Resp: 1616906

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.2



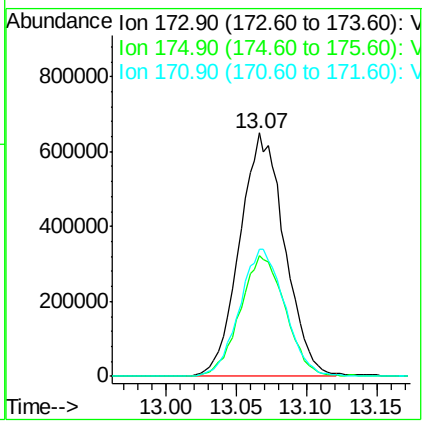


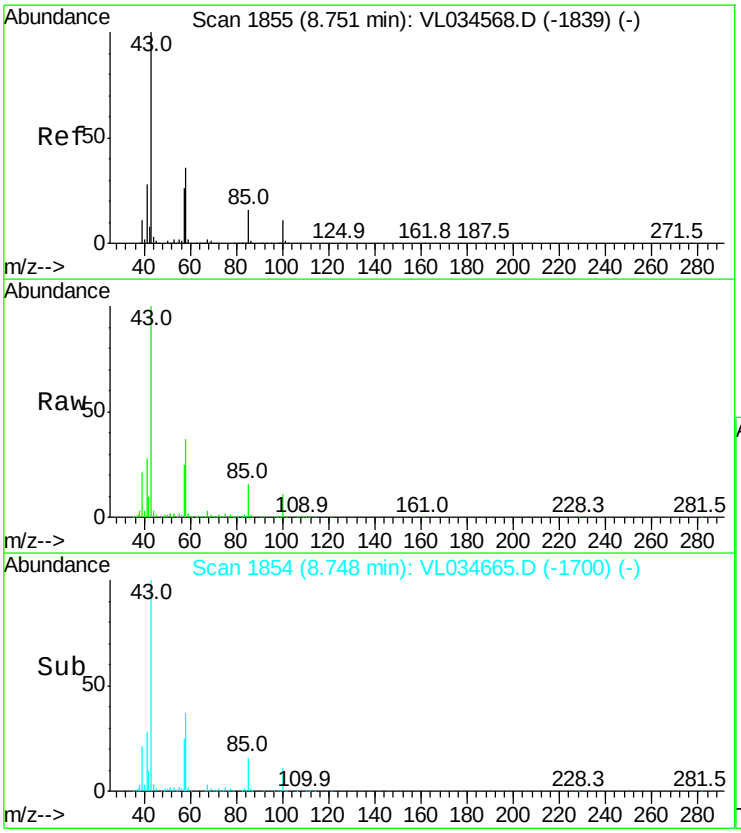
#49
Bromoform
Concen: 12.704 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:173 Resp: 1445592

Ion	Ratio	Lower	Upper
173	100		
175	50.0	39.7	59.5
171	52.8	41.6	62.4

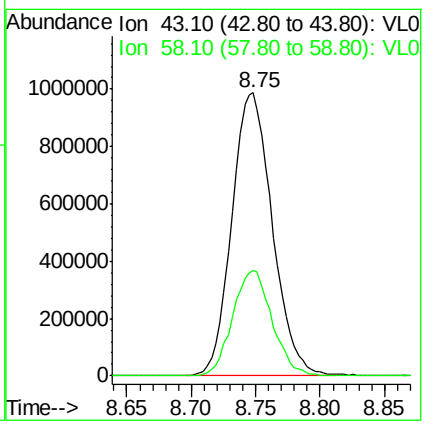


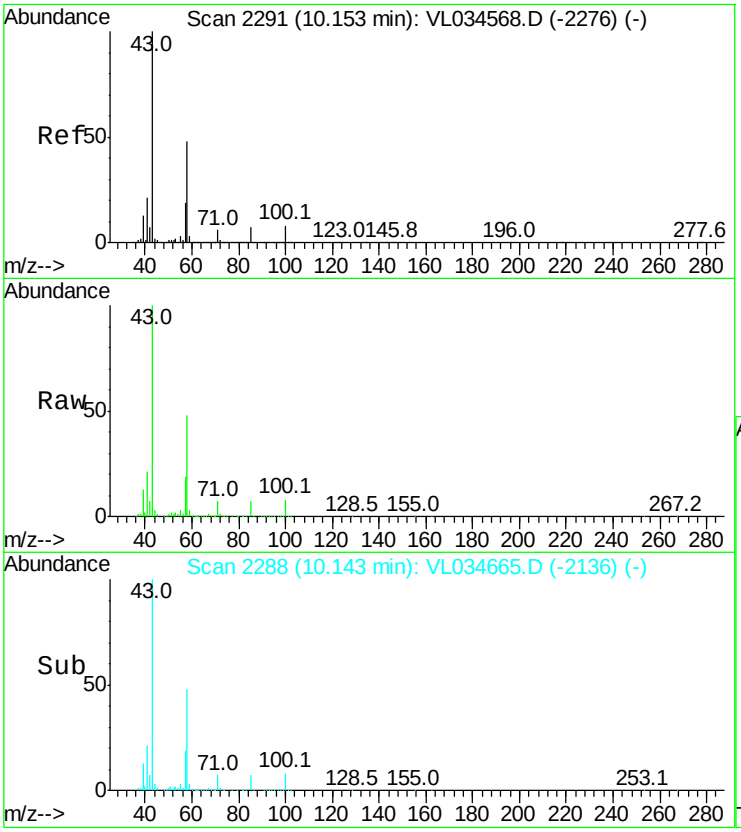


#50
4-Methyl-2-Pentanone
Concen: 11.713 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 43 Resp: 2148334

Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.6	43.0



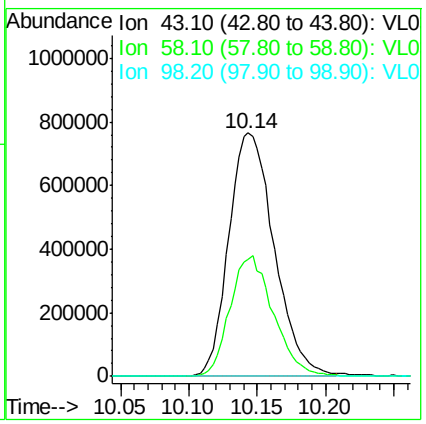


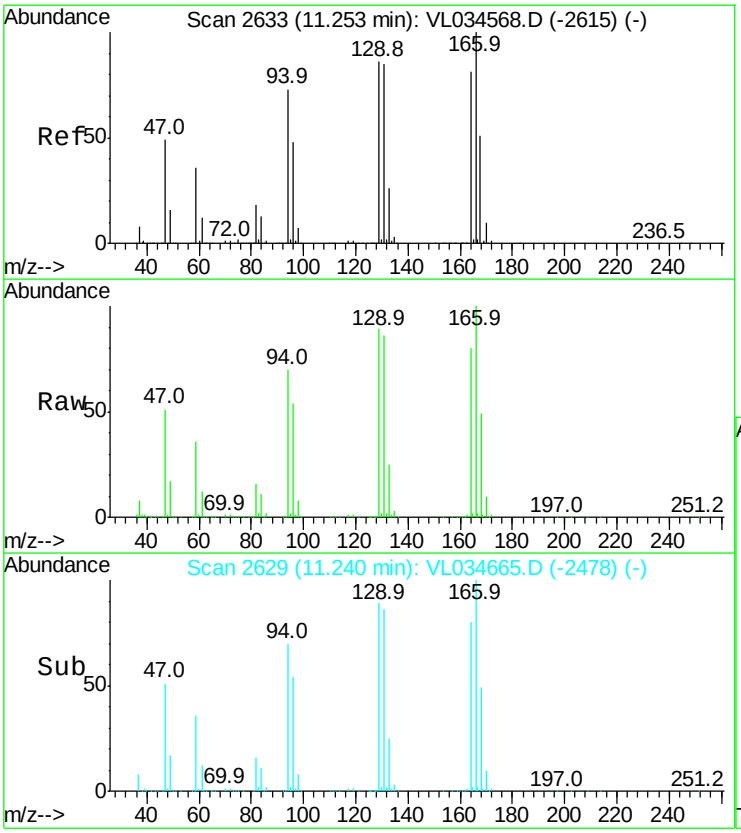
#51
2-Hexanone
Concen: 12.208 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1762708

Ion	Ratio	Lower	Upper
43	100		
58	47.5	37.9	56.9
98	0.2	0.3	0.5#

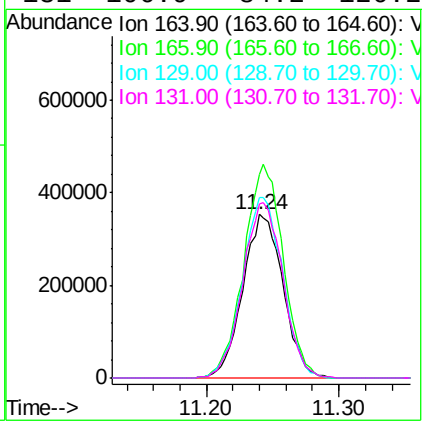


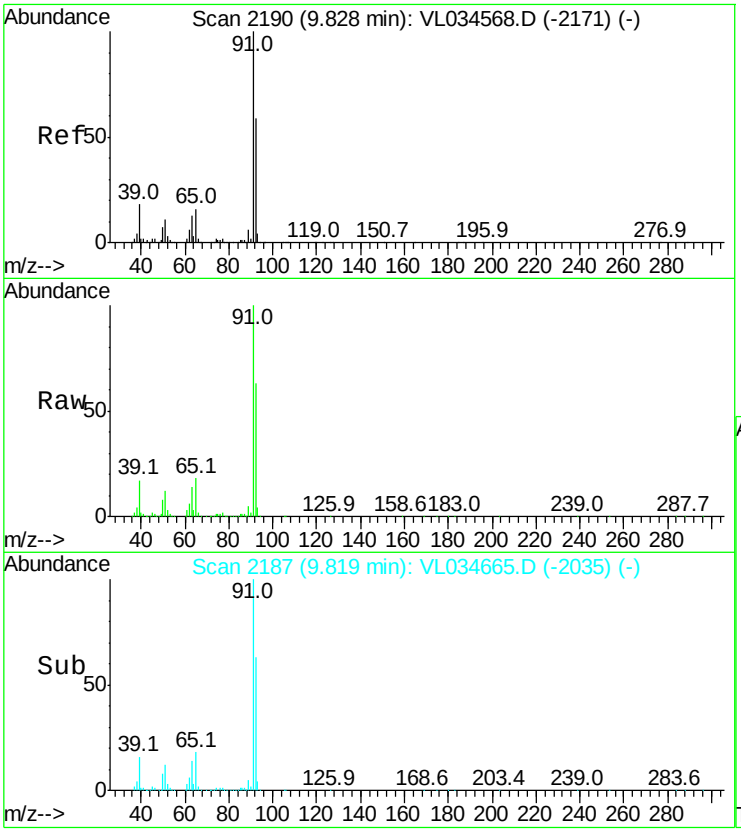


#52
Tetrachloroethene
Concen: 11.774 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:164 Resp: 745107

Ion	Ratio	Lower	Upper
164	100		
166	124.9	99.0	148.4
129	110.7	85.3	127.9
131	106.9	84.2	126.2



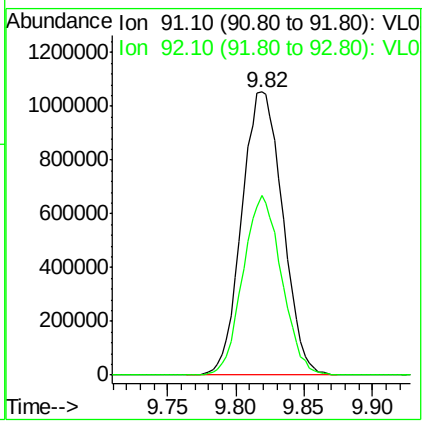


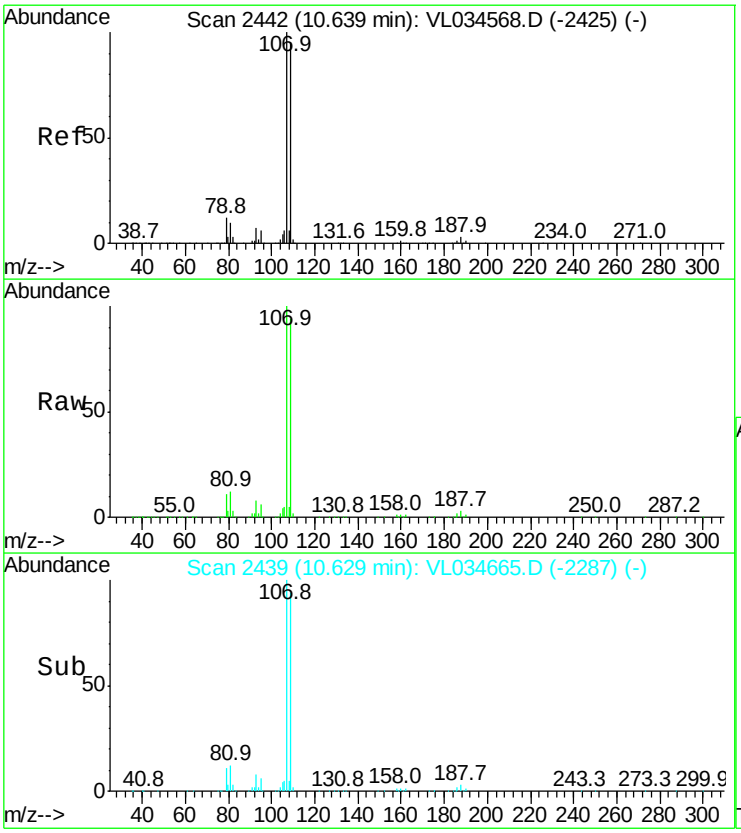
#53
Toluene
Concen: 12.681 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2194462

Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.2	72.2

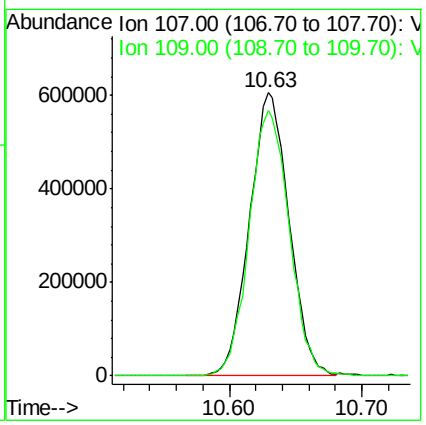


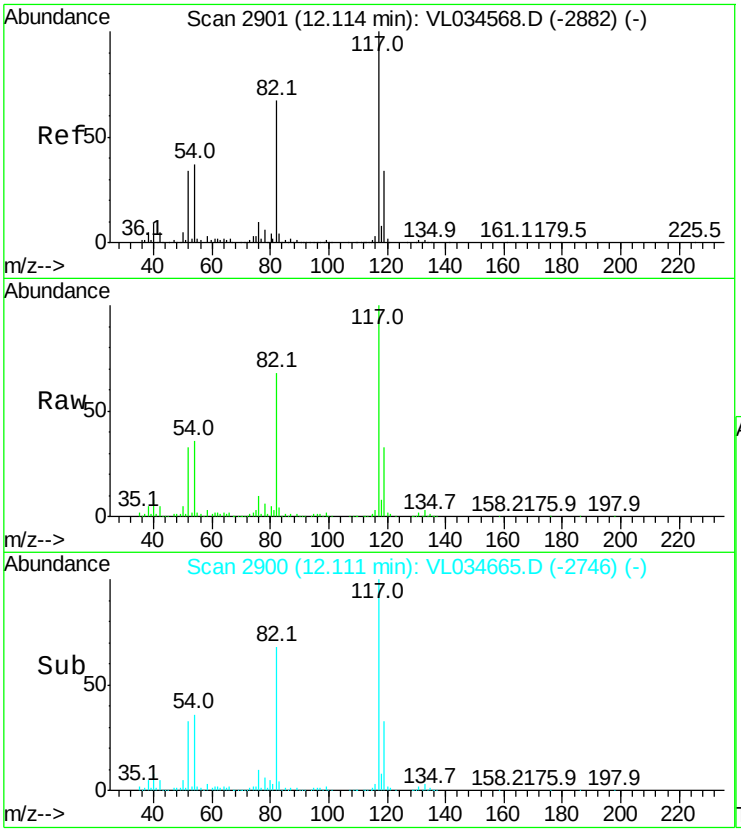


#54
1,2-Dibromoethane
Concen: 11.868 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:107 Resp: 1257953

Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.9	113.9



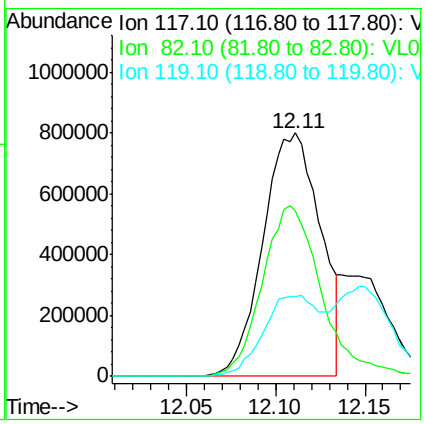


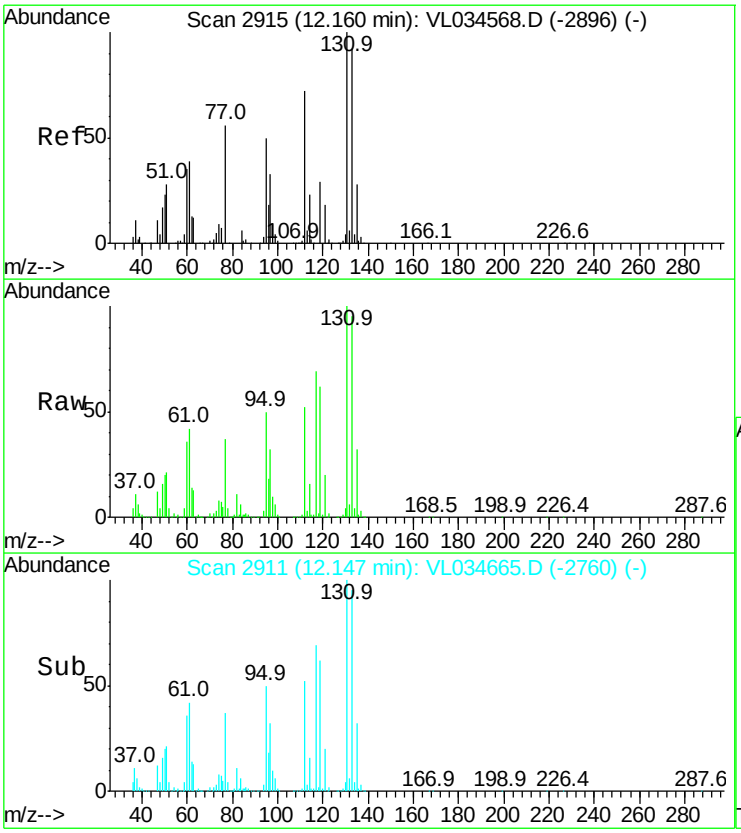
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1793585

Ion	Ratio	Lower	Upper
117	100		
82	72.5	54.2	81.4
119	34.6	26.1	39.1

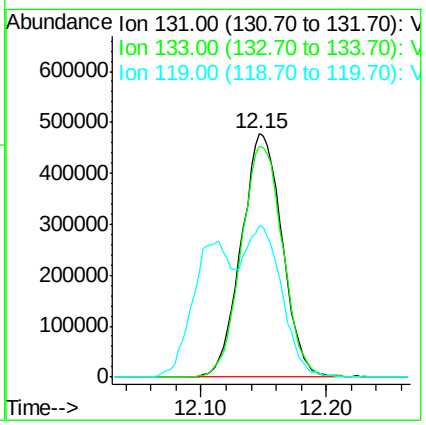


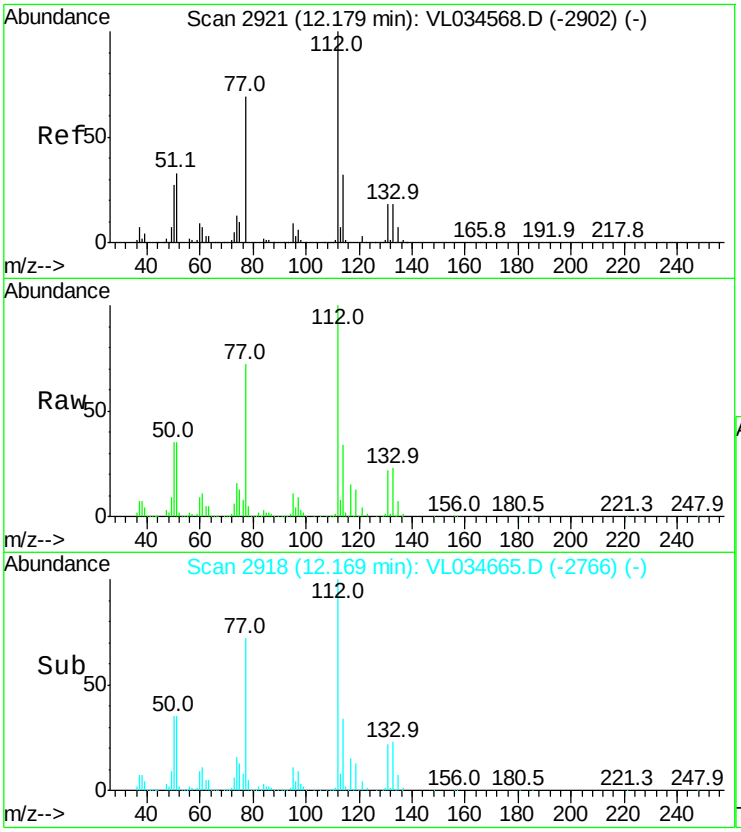


#56
1,1,1,2-Tetrachloroethane
Concen: 12.226 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:131 Resp: 1082567

Ion	Ratio	Lower	Upper
131	100		
133	96.8	75.8	113.8
119	55.1	47.0	70.6



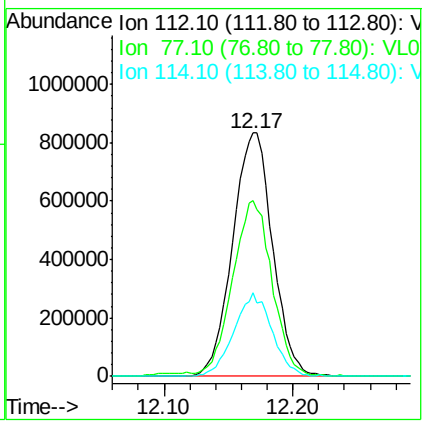


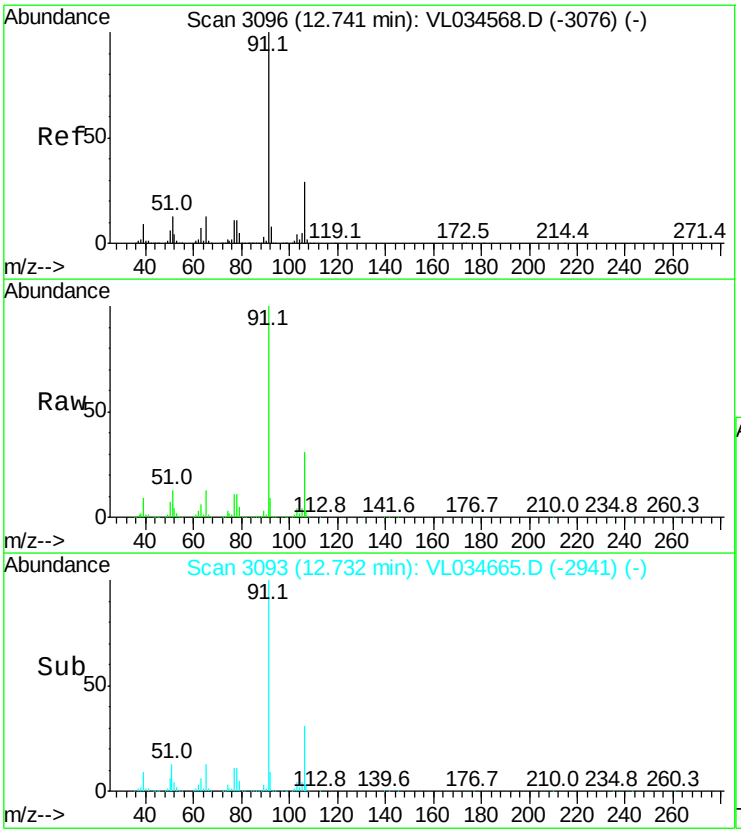
#57
Chlorobenzene
Concen: 12.138 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 1791448

Ion	Ratio	Lower	Upper
112	100		
77	72.0	56.5	84.7
114	34.1	29.2	35.6

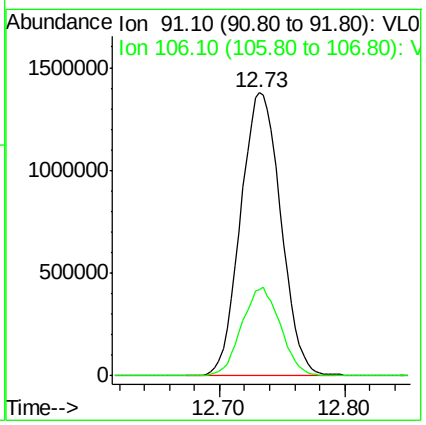


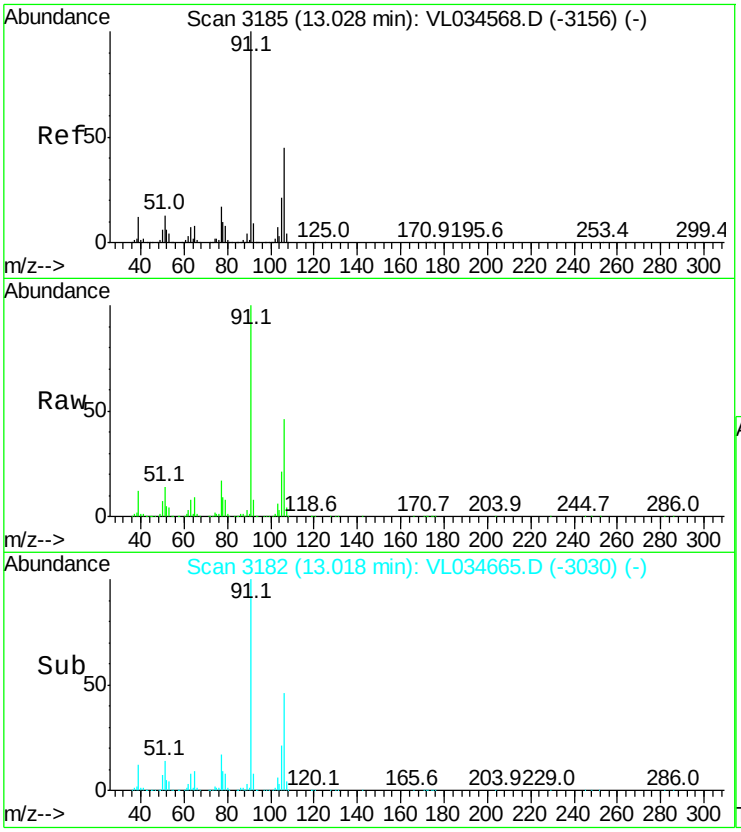


#58
Ethyl Benzene
Concen: 12.788 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 91 Resp: 3069110

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.3	34.9



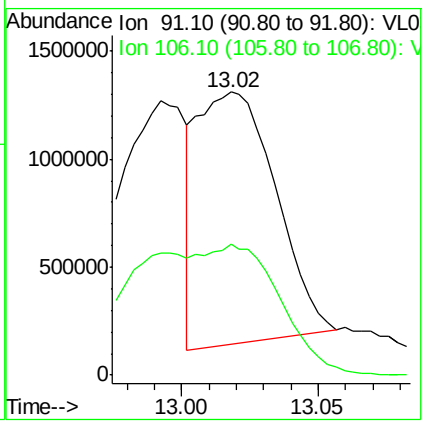


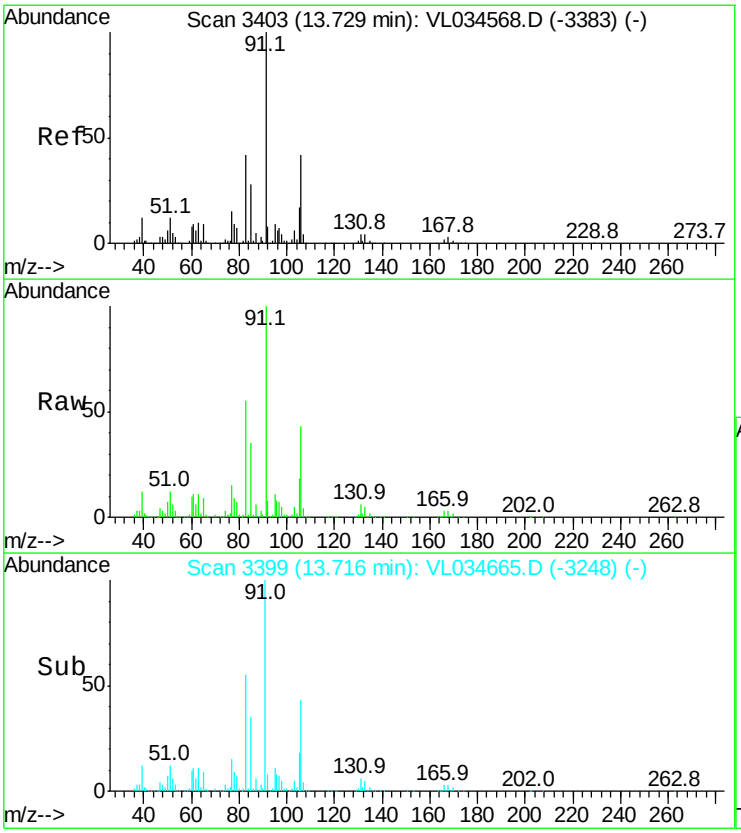
#59
m/p-Xylene
Concen: 10.905 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2313602

Ion	Ratio	Lower	Upper
91	100		
106	100.1	35.3	52.9#

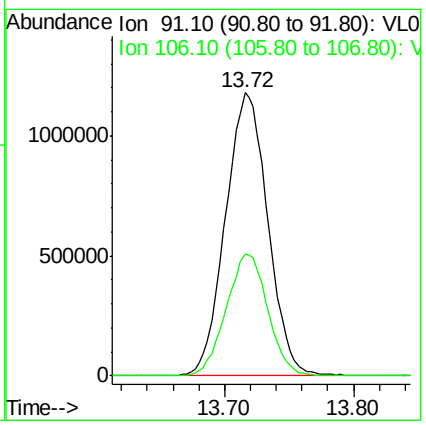


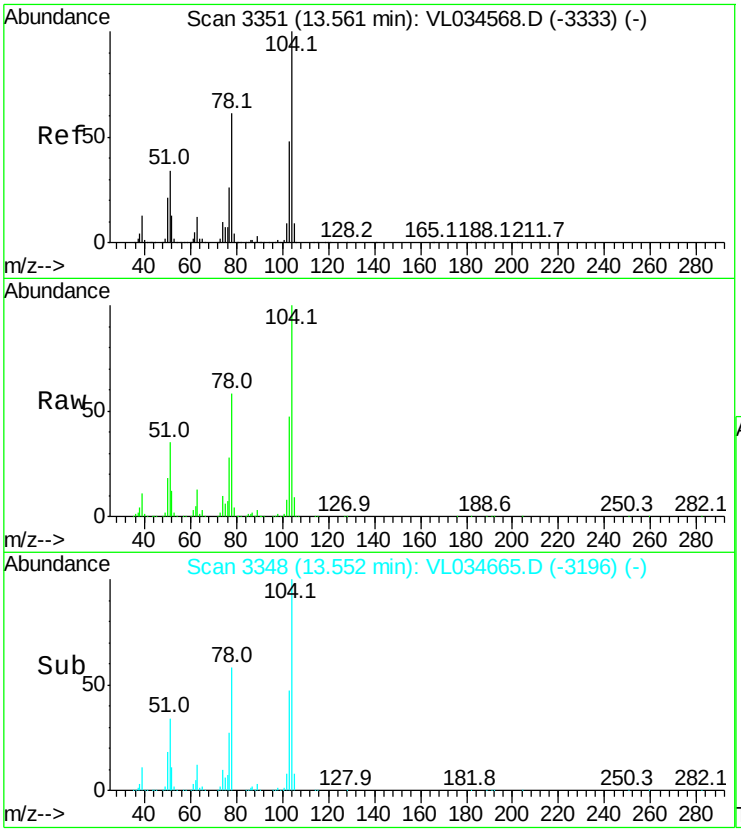


#60
o-Xylene
Concen: 12.461 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 91 Resp: 2655121

Ion	Ratio	Lower	Upper
91	100		
106	42.9	21.6	65.0



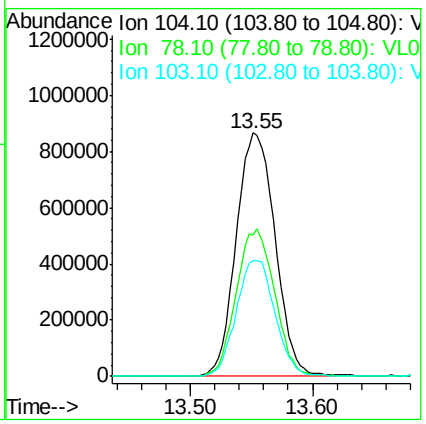


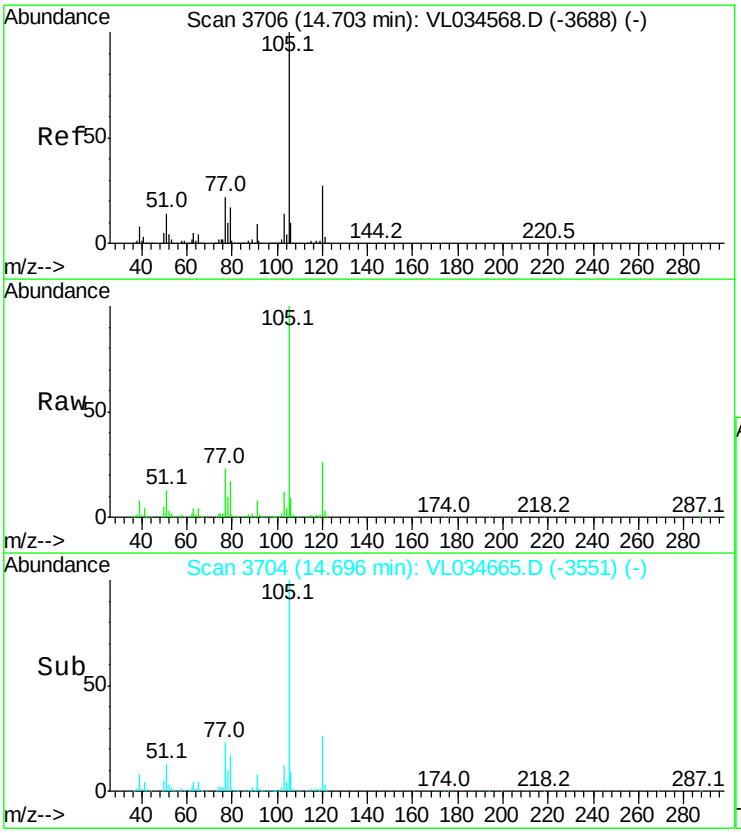
#61
Styrene
Concen: 13.420 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1906518

Ion	Ratio	Lower	Upper
104	100		
78	59.9	47.0	70.6
103	47.5	38.5	57.7

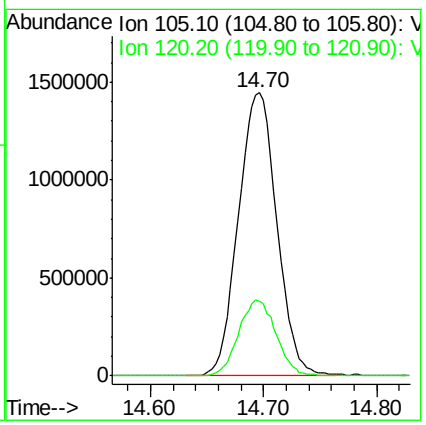


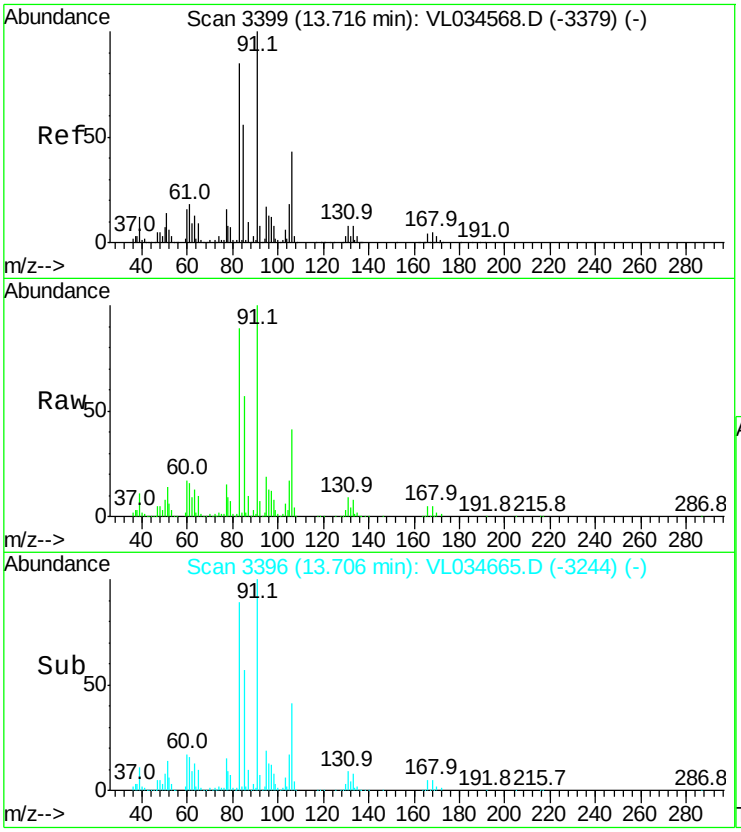


#62
Isopropylbenzene
Concen: 12.390 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:105 Resp: 3421067

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.7	31.1



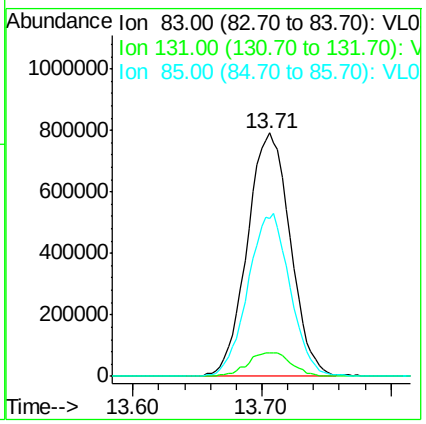


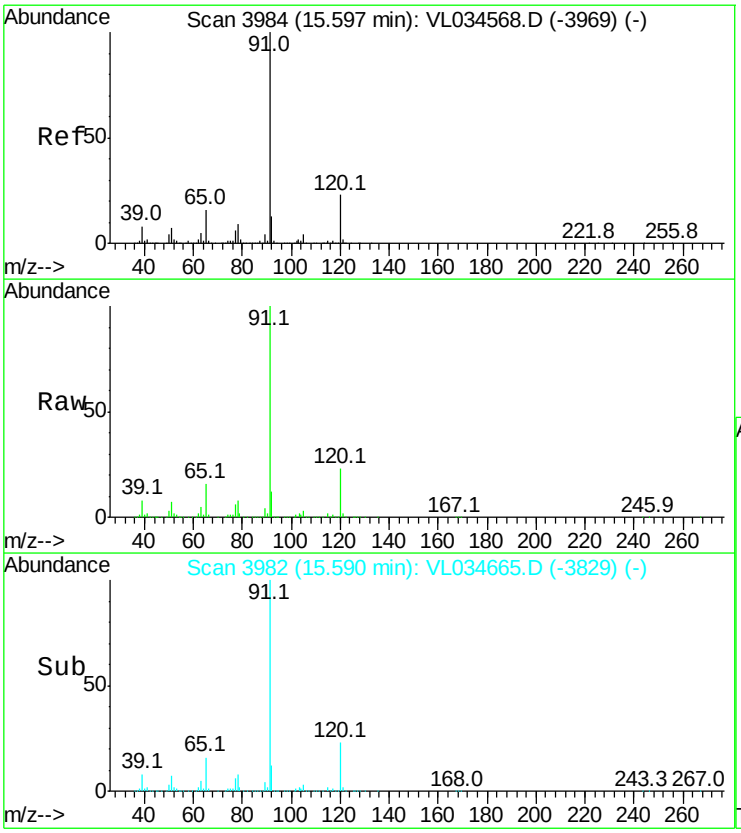
#63
1,1,2,2-Tetrachloroethane
Concen: 11.190 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 83 Resp: 1843942

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.6
85	65.6	32.6	98.0

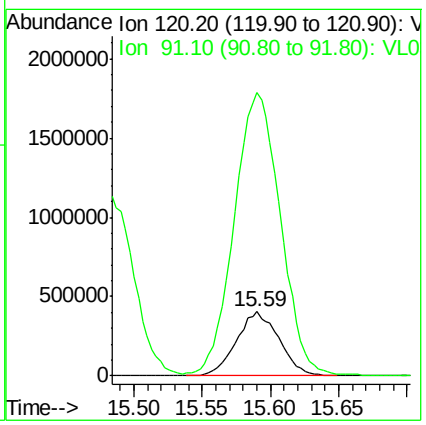


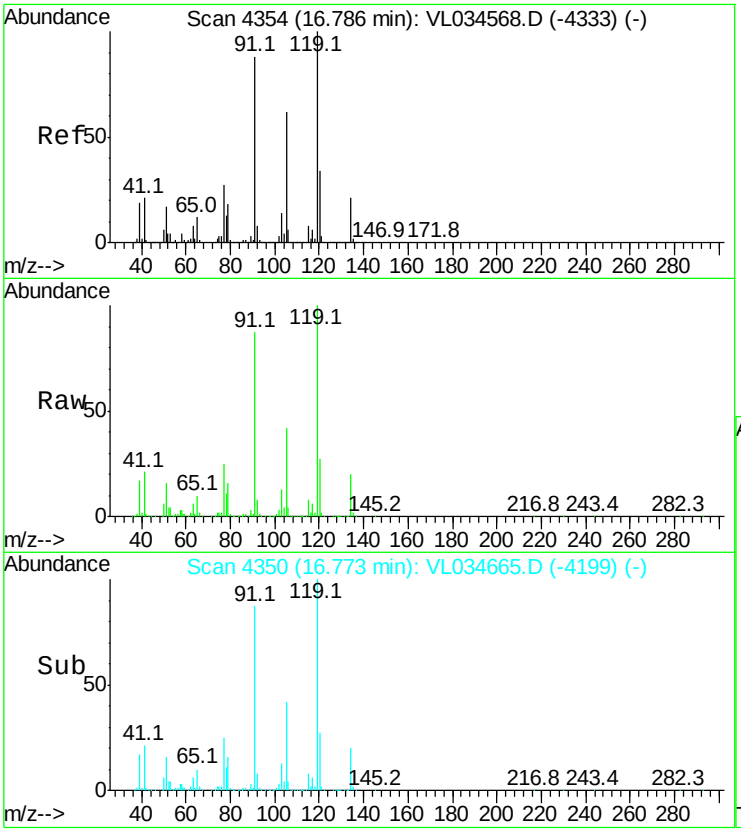


#64
n-propylbenzene
Concen: 12.249 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:120 Resp: 870117

Ion	Ratio	Lower	Upper
120	100		
91	484.3	365.3	547.9



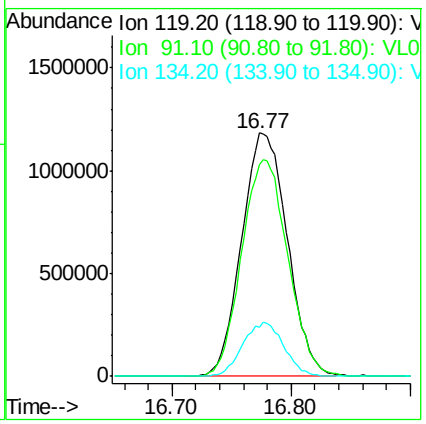


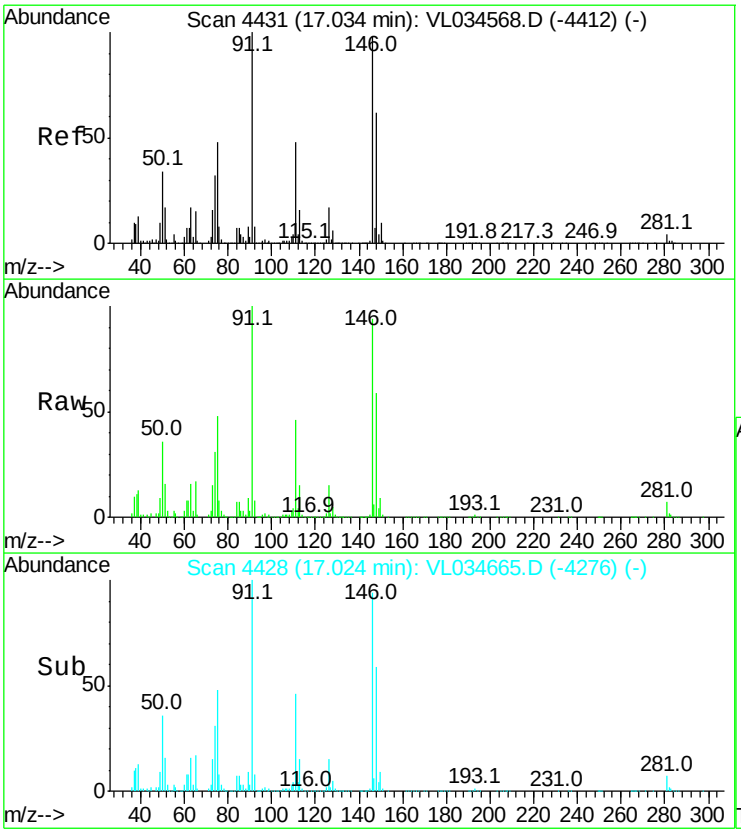
#65
tert-Butylbenzene
Concen: 12.565 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3143075

Ion	Ratio	Lower	Upper
119	100		
91	90.1	72.2	108.4
134	20.1	15.9	23.9

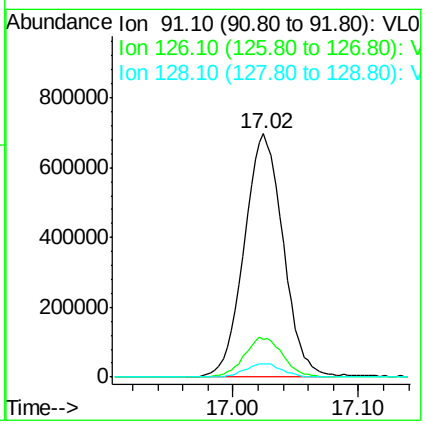


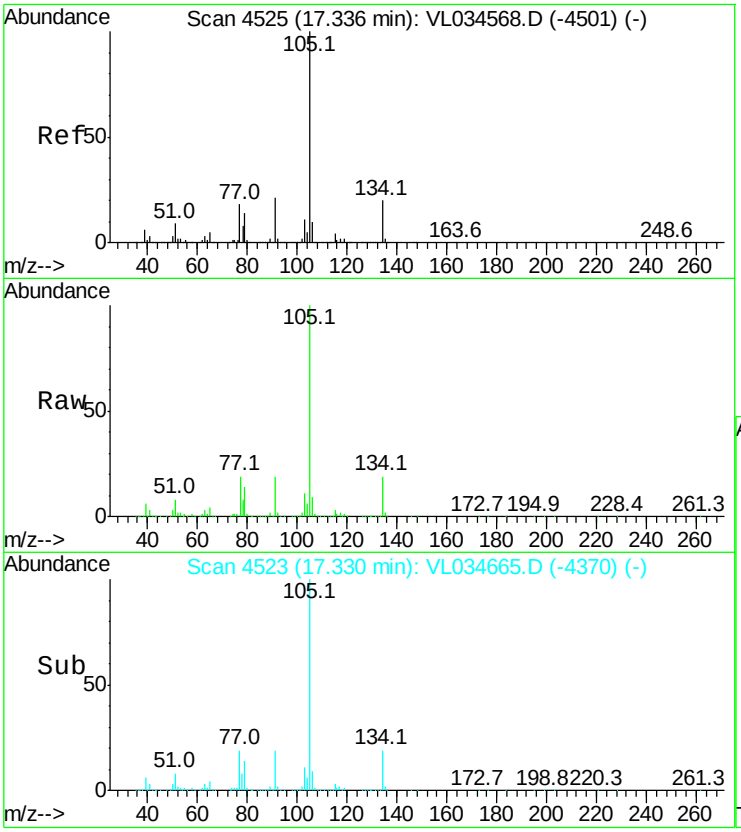


#66
Benzyl Chloride
Concen: 14.330 ppbv
RT: 17.02 min Scan# 4428
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 91 Resp: 1503133

Ion	Ratio	Lower	Upper
91	100		
126	16.2	13.4	20.0
128	5.2	4.3	6.5



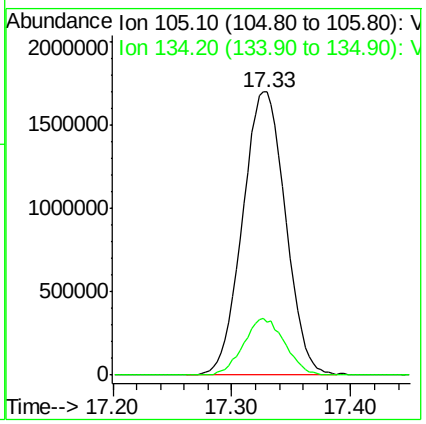


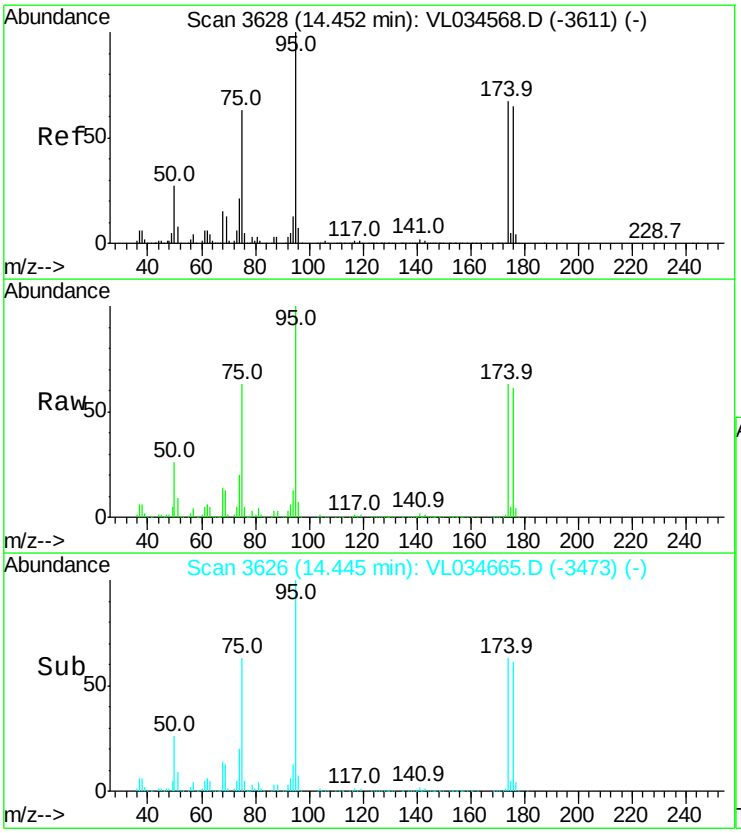
#67
sec-Butylbenzene
Concen: 12.341 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 4242804

Ion	Ratio	Lower	Upper
105	100		
134	19.3	15.5	23.3

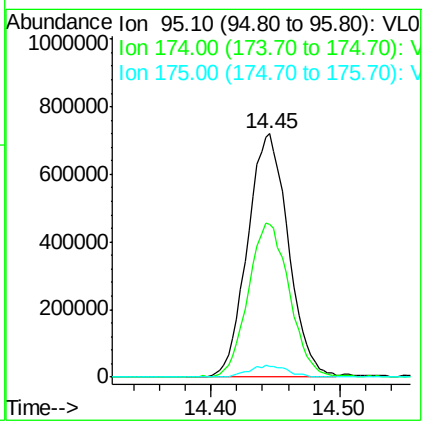


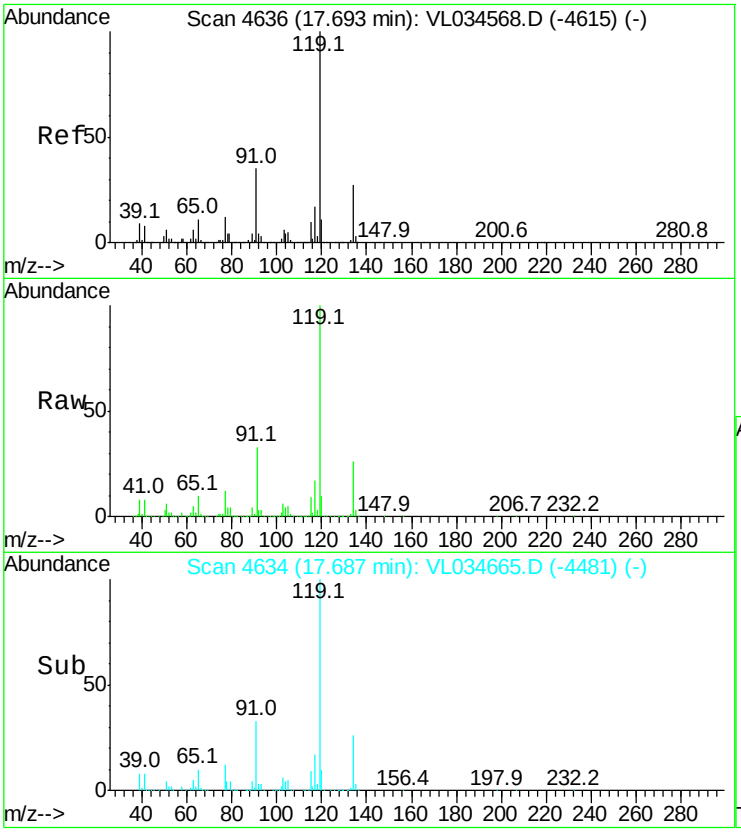


#68
1-Bromo-4-Fluorobenzene
Concen: 10.489 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 95 Resp: 1589971

Ion	Ratio	Lower	Upper
95	100		
174	64.2	52.3	78.5
175	4.6	3.8	5.6



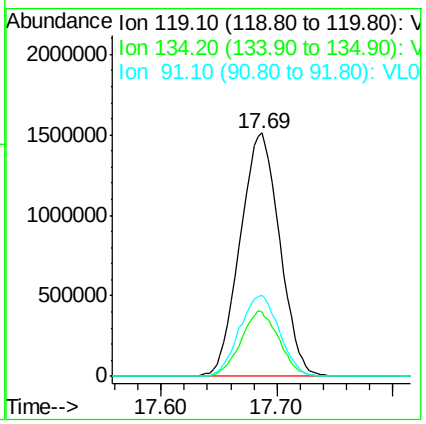


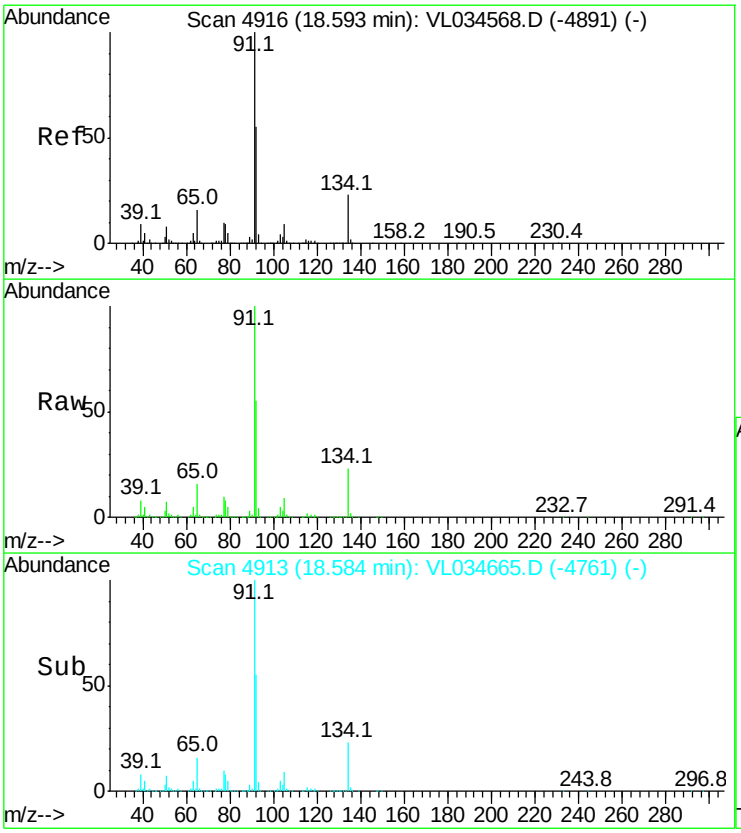
#69
p-Isopropyltoluene
Concen: 12.823 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 3579562

Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.7	31.1
91	33.5	26.9	40.3

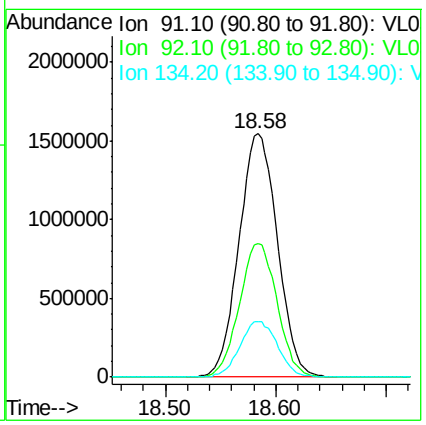


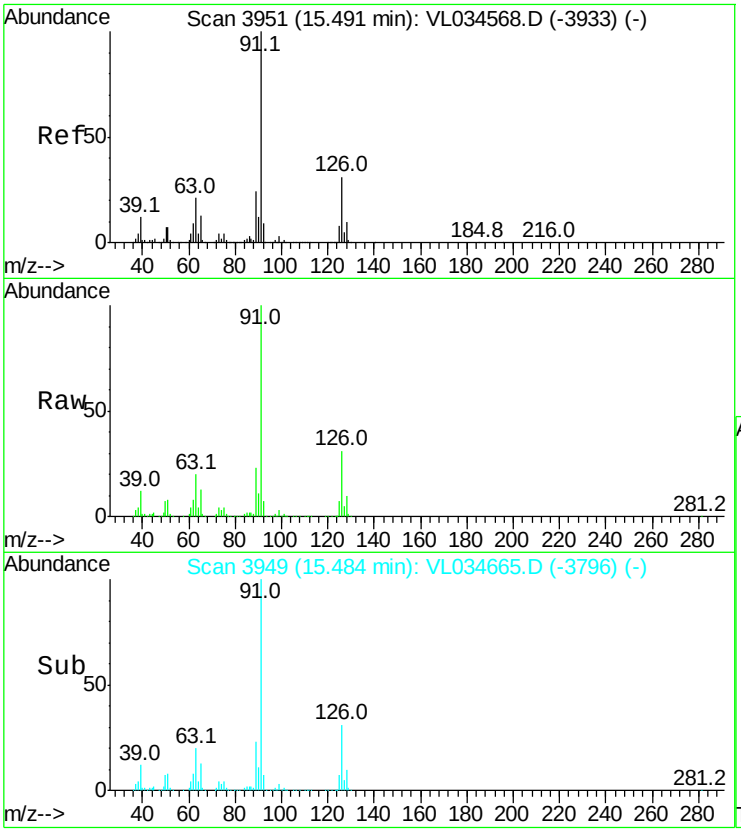


#70
n-Butylbenzene
Concen: 12.583 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion: 91 Resp: 3728539

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.6	65.4
134	22.5	18.2	27.4



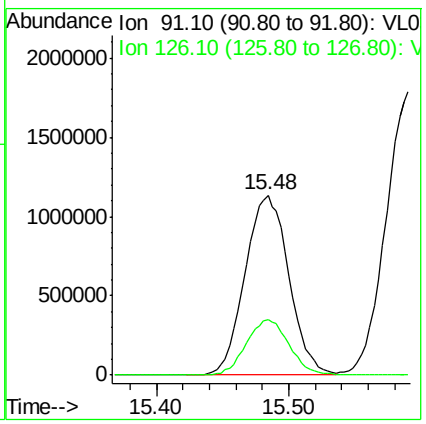


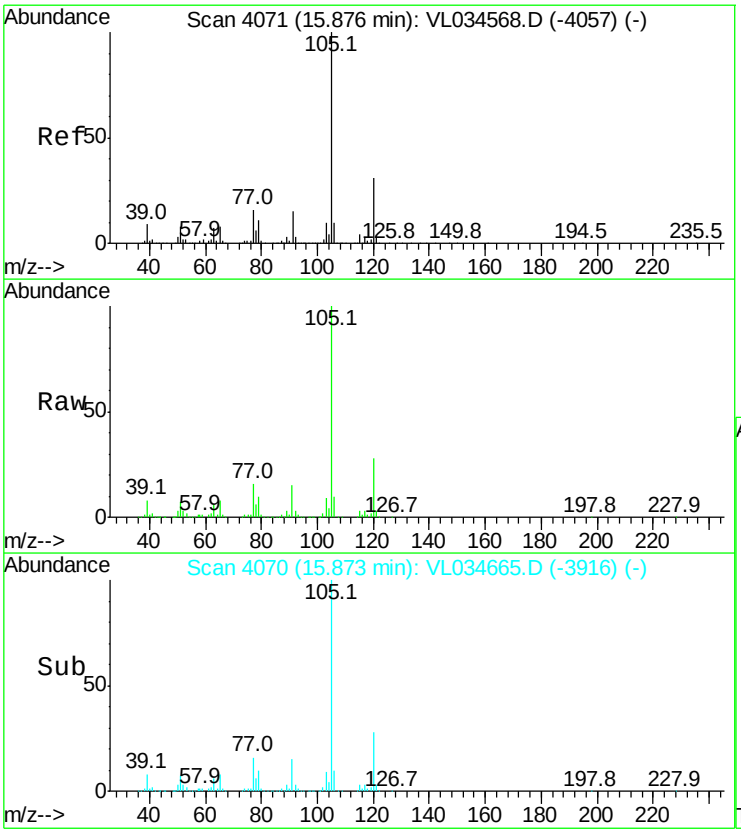
#71
2-Chlorotoluene
Concen: 12.450 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2609467

Ion	Ratio	Lower	Upper
91	100		
126	30.3	12.0	47.8

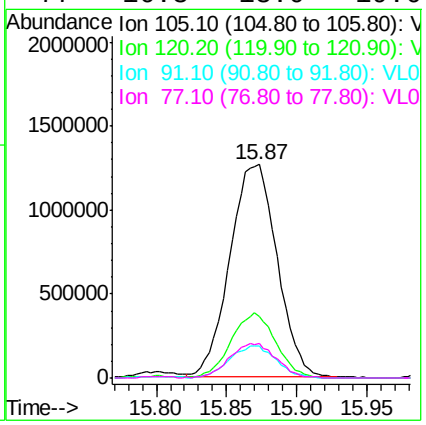


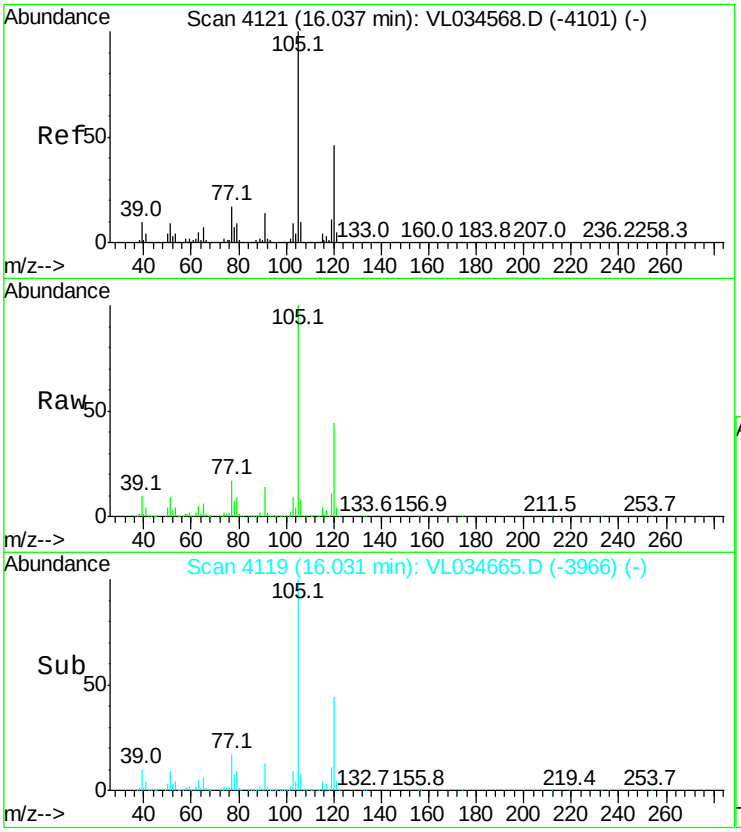


#72
4-Ethyltoluene
Concen: 12.661 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:105 Resp: 2963343

Ion	Ratio	Lower	Upper
105	100		
120	30.1	23.8	35.6
91	15.5	11.8	17.8
77	16.3	13.0	19.6



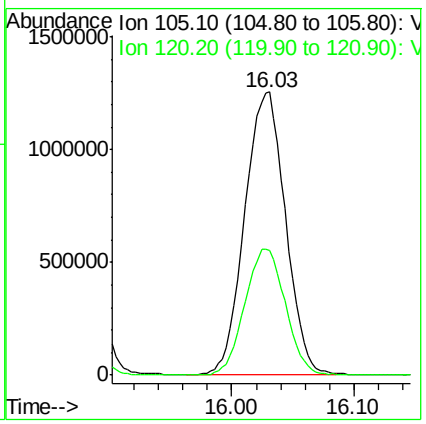


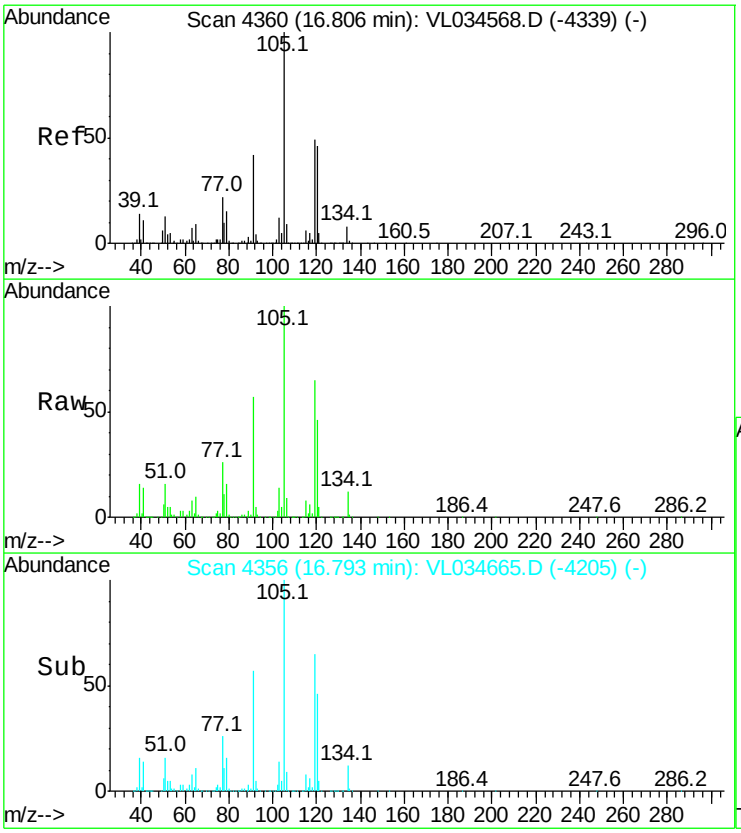
#73
1,3,5-Trimethylbenzene
Concen: 12.620 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2886234

Ion	Ratio	Lower	Upper
105	100		
120	43.9	37.0	55.6

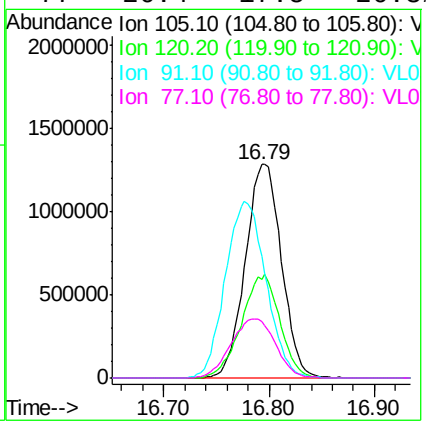


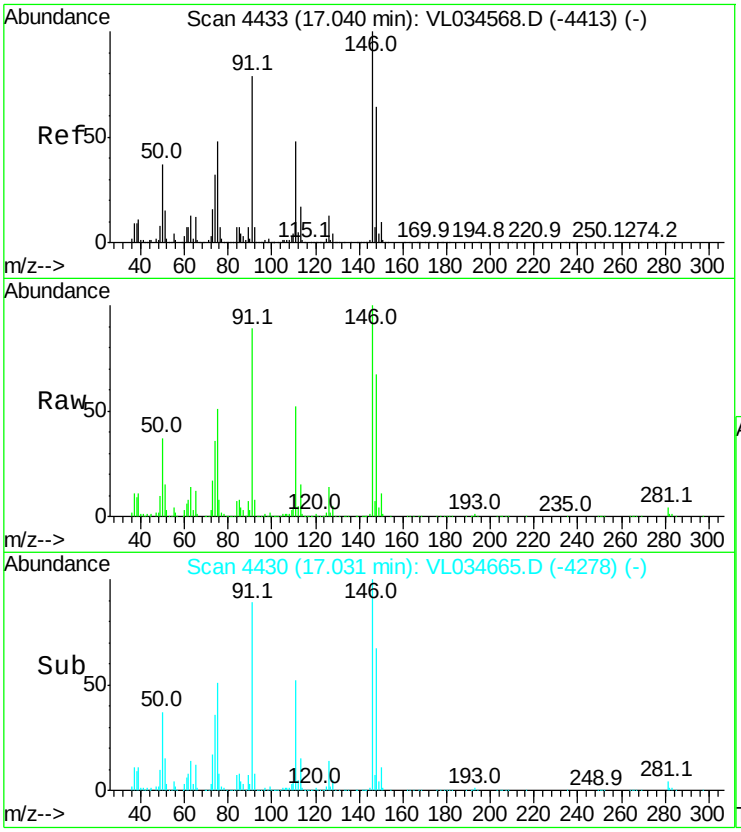


#74
1,2,4-Trimethylbenzene
Concen: 12.083 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:105 Resp: 3059069

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.1	55.7
91	56.7	34.3	51.5#
77	26.4	17.5	26.3#



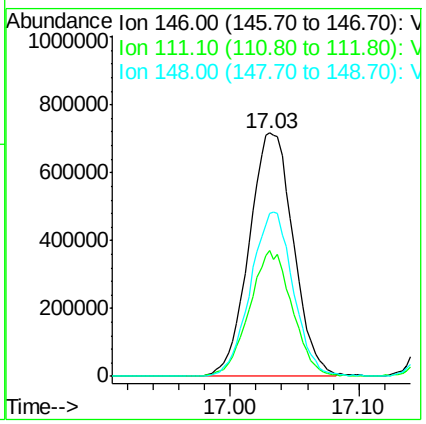


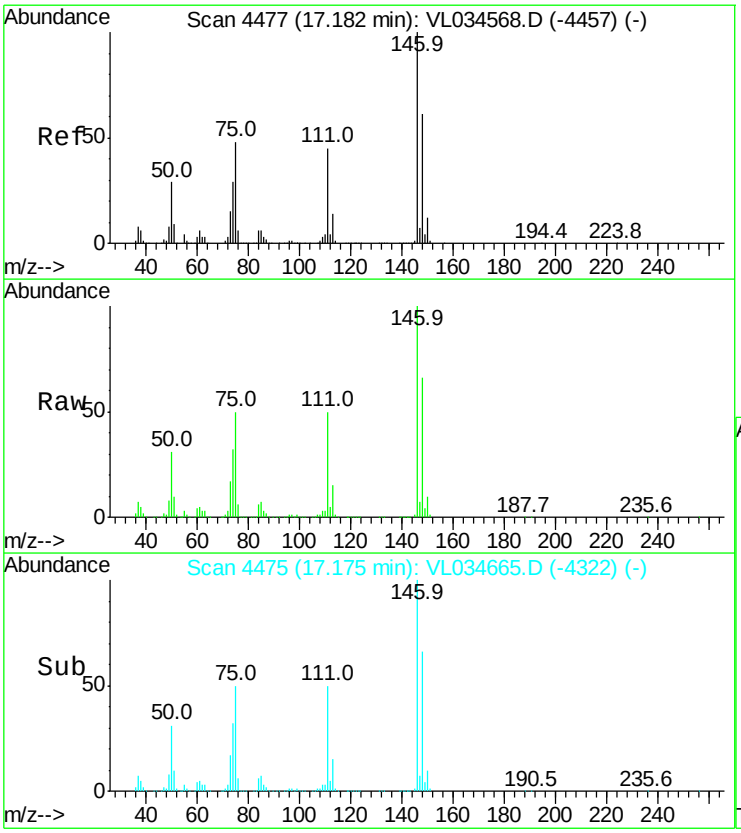
#75
1,3-Dichlorobenzene
Concen: 11.730 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1709940

Ion	Ratio	Lower	Upper
146	100		
111	50.0	24.7	74.1
148	65.5	32.8	98.4

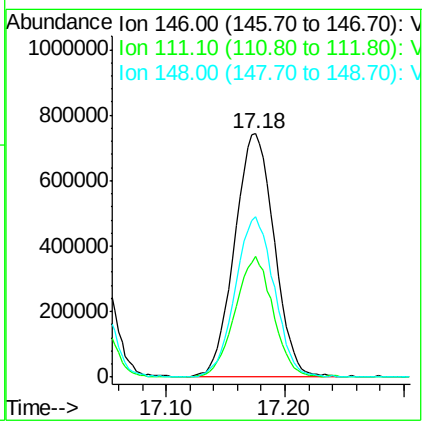


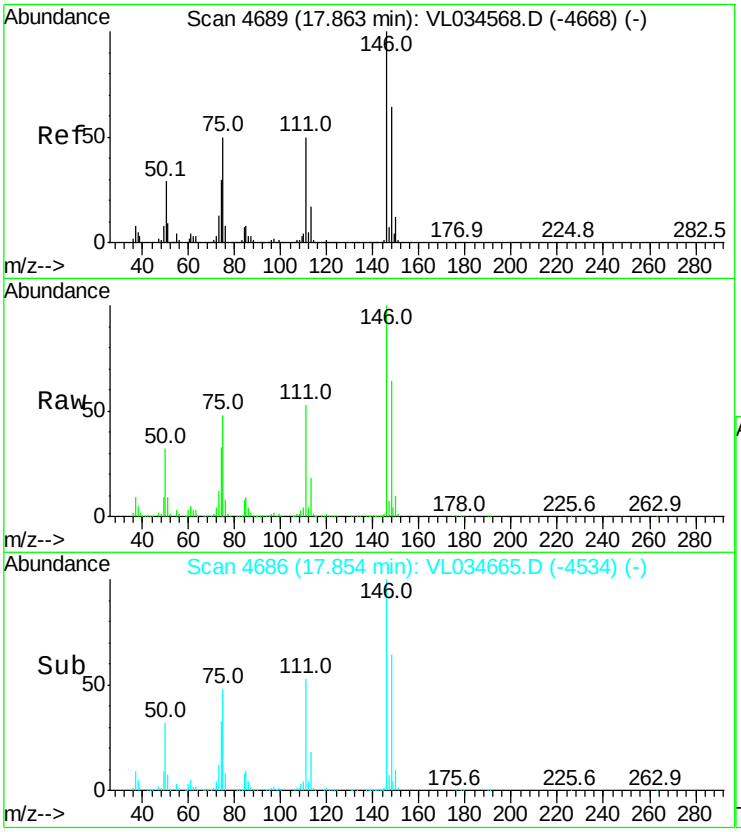


#76
1,4-Dichlorobenzene
Concen: 11.895 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:146 Resp: 1709108

Ion	Ratio	Lower	Upper
146	100		
111	47.7	24.1	72.2
148	65.0	32.6	98.0



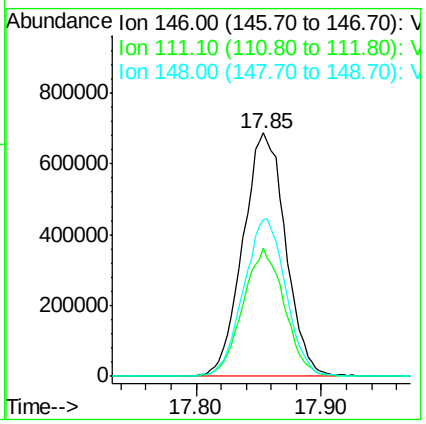


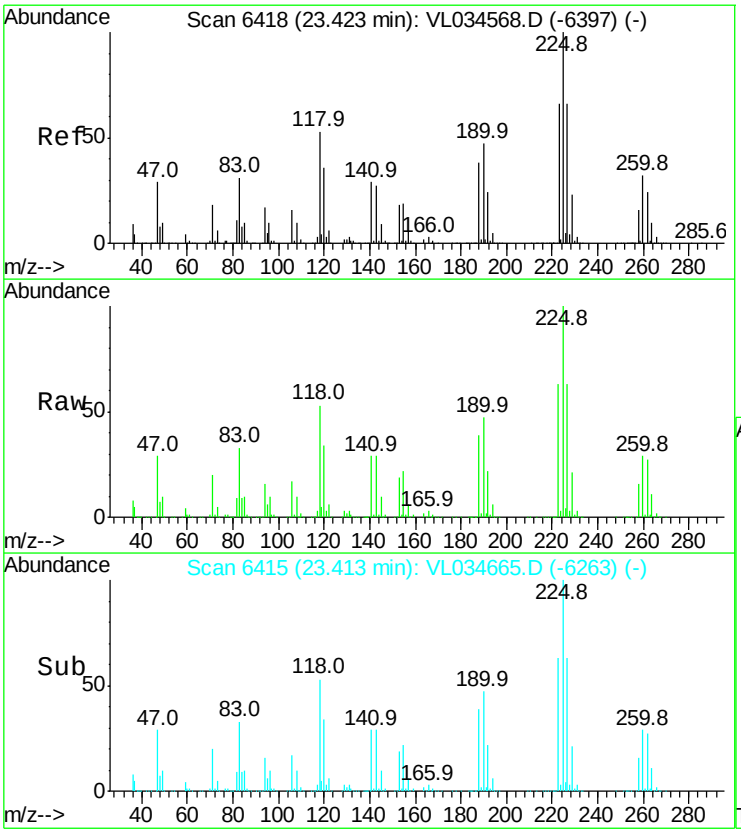
#77
1,2-Dichlorobenzene
Concen: 11.600 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1624472

Ion	Ratio	Lower	Upper
146	100		
111	51.3	25.1	75.3
148	64.3	32.2	96.6

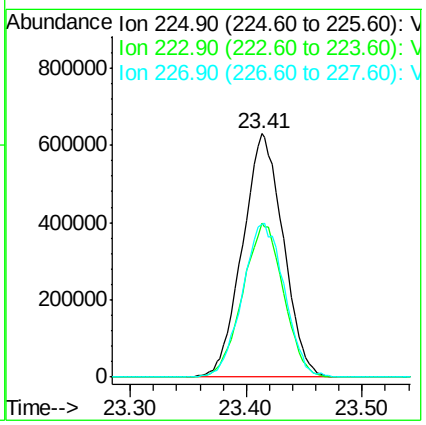


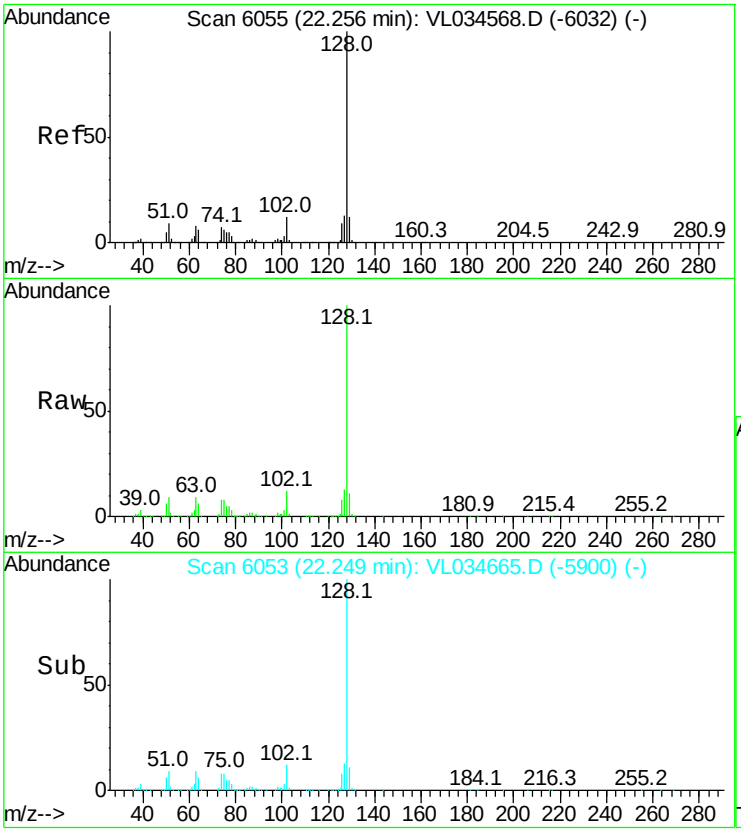


#78
Hexachloro-1,3-Butadiene
Concen: 11.500 ppbv
RT: 23.41 min Scan# 6415
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:225 Resp: 1540116

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	65.0	51.6	77.4



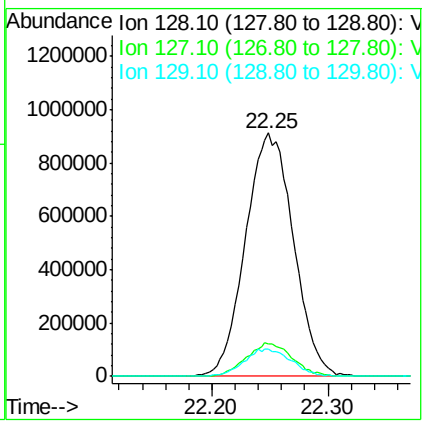


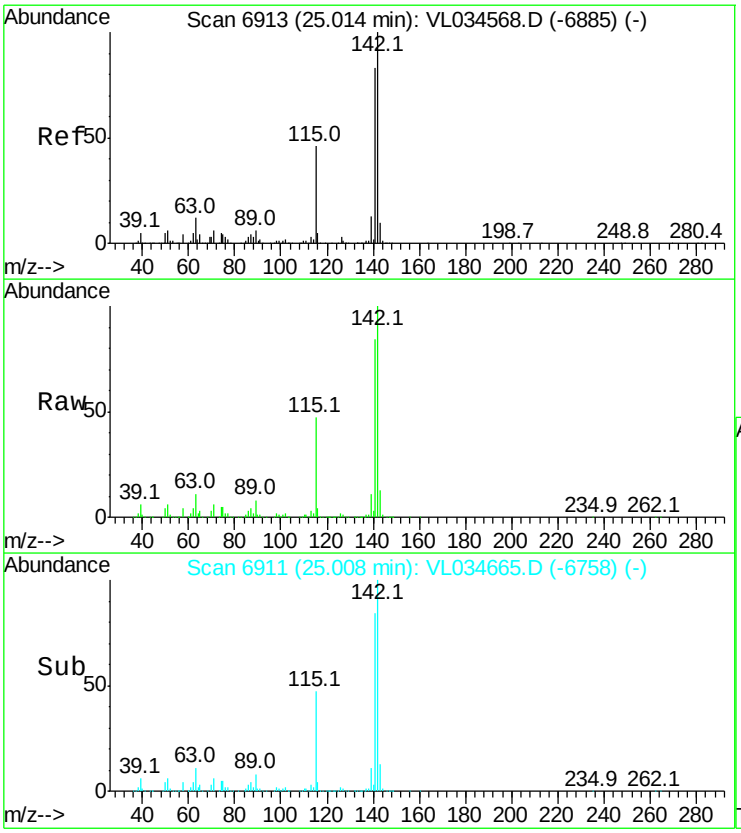
#79
Naphthalene
Concen: 13.113 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 2613777

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.3	9.3	13.9

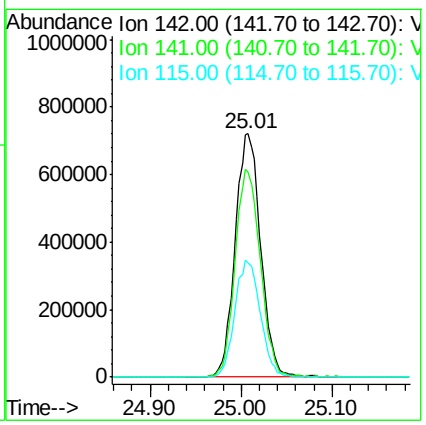


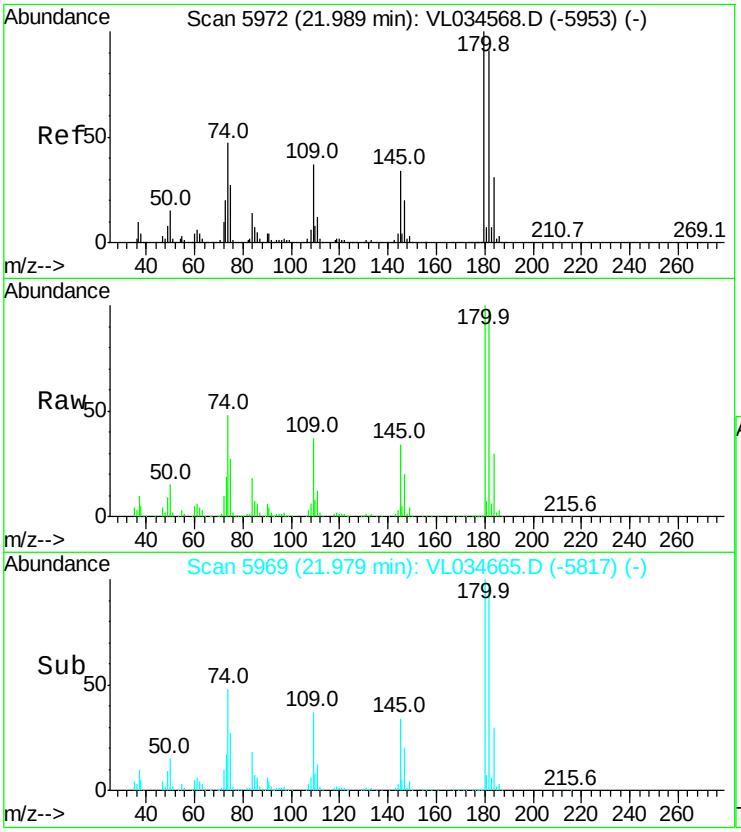


#80
Naphthalene,2-methyl-
Concen: 18.320 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Tgt Ion:142 Resp: 1404840

Ion	Ratio	Lower	Upper
142	100		
141	84.4	67.0	100.4
115	48.0	39.5	59.3





#81
1,2,4-Trichlorobenzene
Concen: 12.989 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. -0.01 min
Lab File: VL034665.D
Acq: 20 Feb 2020 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 1596172

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.8	116.6
184	30.6	25.4	38.0