Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

Quantitation Report (Not Reviewed)

Data File : VL036049.D
Acq On : 3 Dec 2020 11:42
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Dec 03 12:13:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 03 12:00:21 2020
QLast Update : Thu Dec 03 12:00:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1178107	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4132854	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3796657	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2934208	10.88	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	129782	0.585	ppbv	99
3) Chlorodifluoromethane	2.97	51	74945	0.531	ppbv	97
4) Chloromethane	3.12	50	36687	0.535	ppbv	91
5) Vinyl Chloride	3.25	62	40374	0.462	ppbv	94
6) Bromomethane	3.46	94	35631	0.507	ppbv	86
7) Chloroethane	3.54	64	5517	0.179	ppbv #	86
8) Dichlorotetrafluoroethane	3.17	85	126710	0.499	ppbv	96
9) Propene	3.00	41	23954	0.464	ppbv	97
10) Heptane	8.10	43	52662	0.369	ppbv	95
11) Trichlorofluoromethane	3.93	101	149769	0.538	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	110758	0.534	ppbv	97
13) Ethanol	3.60	45	3999	0.357	ppbv #	35
14) Bromoethene	3.73	108	36870	0.386	ppbv #	87
15) Acetone	3.85	43	59598	0.473	ppbv #	67
16) 1,3-Butadiene	3.31	39	24845	0.458	ppbv	98
17) tert-Butyl alcohol	4.29	59	28341	0.170	ppbv #	72
18) 1,1-Dichloroethene	4.27	96	43697	0.459	ppbv	98
19) Isopropyl Alcohol	3.96	45	18274	0.236	ppbv #	52
20) Methylene Chloride	4.33	84	71561	0.807	ppbv	98
21) Allyl Chloride	4.40	41	29598	0.435	ppbv	88
22) trans-1,2-Dichloroethene	4.87	96	46158	0.478	ppbv	97
23) Vinyl Acetate	5.06	43	53734	0.304	ppbv #	94
24) 1,1-Dichloroethane	4.99	63	86787	0.516	ppbv	95
25) Ethyl Acetate	5.67	43	122696	0.494	ppbv	98
26) Hexane	5.67	57	62129	0.454	ppbv	87
27) Carbon Disulfide	4.53	76	84427	0.412	ppbv #	93
28) Methyl tert-Butyl Ether	5.03	73	88496	0.360	ppbv	98
29) Chloroform	5.73	83	126959	0.472	ppbv	97
30) Cyclohexane	7.12	84	23632	0.159	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	50506	0.359	ppbv	86
32) 1,1,1-Trichloroethane	6.49	97	102182	0.364	ppbv	94
34) 2-Butanone	5.24	43	60158	0.449	ppbv	92
35) Carbon Tetrachloride	7.00	117	58312	0.264	ppbv	93
36) Benzene	6.88	78	124264	0.404	ppbv	98
37) 1,2-Dichloroethane	6.29	62	72626	0.522	ppbv	99
38) Trichloroethene	7.82	130	51030	0.340	ppbv	94
39) 1,2-Dichloropropane	7.60	63	25672	0.248	ppbv	98
41) Tetrahydrofuran	6.06	42	13610	0.179	ppbv #	40
42) Bromodichloromethane	7.78	83	104017	0.443	ppbv	89
43) Methyl Methacrylate	8.01	69	34711	0.296	ppbv	90
44) 2,2,4-Trimethylpentane	7.85	57	182809	0.450	ppbv #	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

Quantitation Report (Not Reviewed)

Data File : VL036049.D
Acq On : 3 Dec 2020 11:42
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Dec 03 12:13:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 03 12:00:21 2020
QLast Update : Thu Dec 03 12:00:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.27	75	13164	0.106	ppbv		98
46) cis-1,3-Dichloropropene	8.69	75	26935	0.171	ppbv		96
47) 1,1,2-Trichloroethane	9.46	97	64727	0.459	ppbv		87
48) Dibromochloromethane	10.29	129	76539	0.355	ppbv		98
49) Bromoform	13.02	173	24932	0.137	ppbv	#	21
50) 4-Methyl-2-Pentanone	8.75	43	79247	0.386	ppbv		93
51) 2-Hexanone	10.14	43	19923	0.121	ppbv	#	24
52) Tetrachloroethene	11.21	164	48520	0.333	ppbv		93
53) Toluene	9.79	91	106397	0.287	ppbv		97
54) 1,2-Dibromoethane	10.60	107	86358	0.403	ppbv		94
56) 1,1,1,2-Tetrachloroethane	12.11	131	74583	0.438	ppbv	#	1
57) Chlorobenzene	12.13	112	146126	0.484	ppbv		94
58) Ethyl Benzene	12.70	91	136943	0.296	ppbv		99
59) m/p-Xylene	12.98	91	166914	0.427	ppbv	#	64
60) o-Xylene	13.68	91	147423	0.387	ppbv		100
61) Styrene	13.52	104	52001	0.186	ppbv		91
62) Isopropylbenzene	14.66	105	229423	0.384	ppbv		94
63) 1,1,2,2-Tetrachloroethane	13.66	83	65474	0.222	ppbv	#	11
64) n-propylbenzene	15.55	120	51089	0.295	ppbv	#	55
65) tert-Butylbenzene	16.74	119	167170	0.307	ppbv		94
66) Benzyl Chloride	16.98	91	15995	0.089	ppbv	#	68
67) sec-Butylbenzene	17.29	105	230847	0.315	ppbv		96
69) p-Isopropyltoluene	17.65	119	158068	0.261	ppbv		97
70) n-Butylbenzene	18.55	91	154604	0.265	ppbv		93
71) 2-Chlorotoluene	15.45	91	138049	0.316	ppbv		98
72) 4-Ethyltoluene	15.82	105	123763	0.268	ppbv	#	97
73) 1,3,5-Trimethylbenzene	15.99	105	112015	0.265	ppbv		93
74) 1,2,4-Trimethylbenzene	16.75	105	149885	0.331	ppbv	#	91
75) 1,3-Dichlorobenzene	16.99	146	96921	0.336	ppbv		95
76) 1,4-Dichlorobenzene	17.13	146	47546	0.171	ppbv	#	29
77) 1,2-Dichlorobenzene	17.81	146	83399	0.297	ppbv		90
78) Hexachloro-1,3-Butadiene	23.37	225	53624	0.409	ppbv		96
79) Naphthalene	22.21	128	33822	0.107	ppbv	#	94
81) 1,2,4-Trichlorobenzene	21.91	180	8281	0.047	ppbv	#	11

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

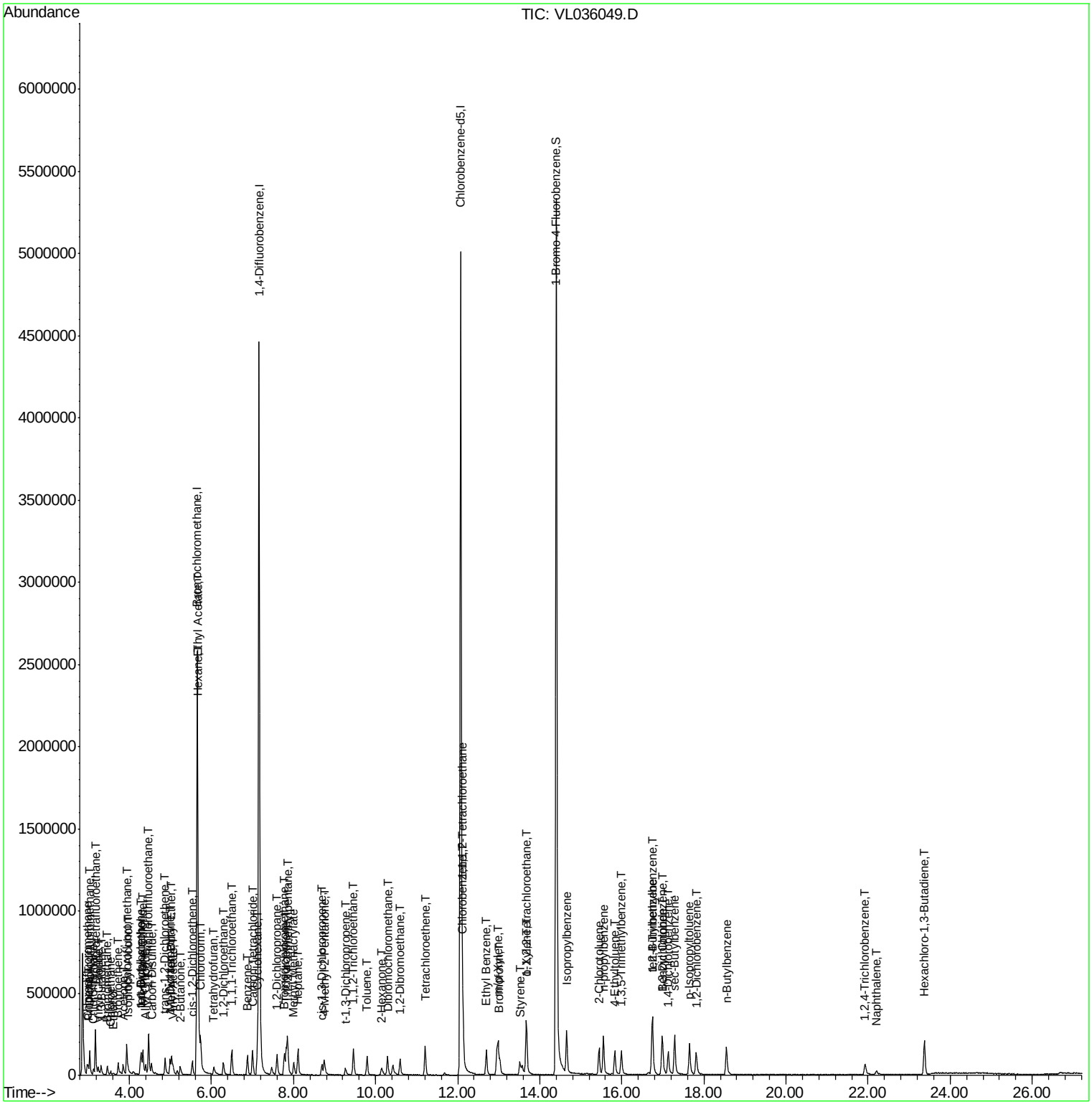
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

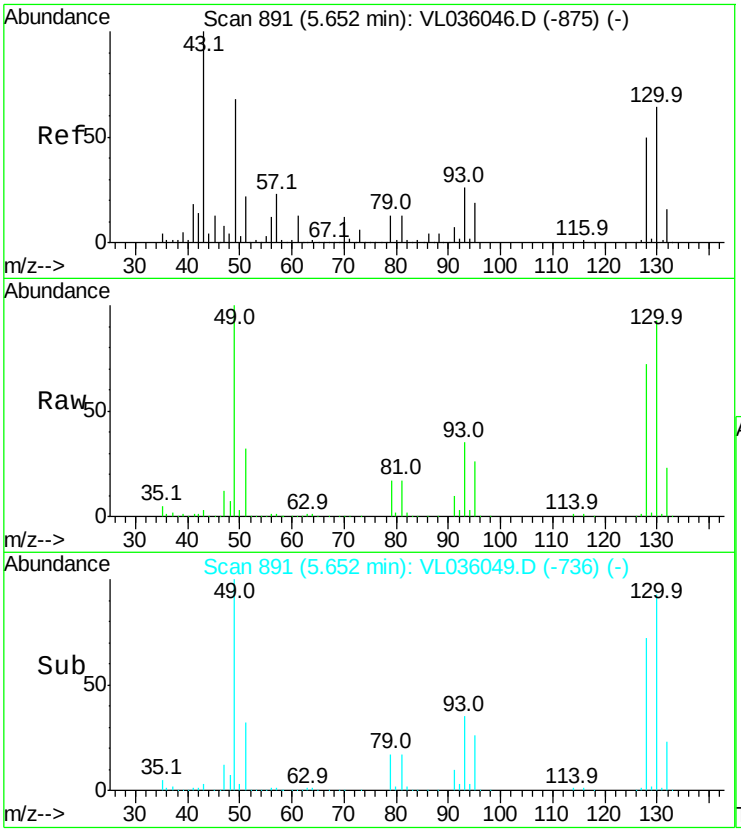
Quantitation Report (Not Reviewed)

Data File : VL036049.D
Acq On : 3 Dec 2020 11:42
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Dec 03 12:13:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 03 12:00:21 2020
QLast Update : Thu Dec 03 12:00:21 2020
Response via : Initial Calibration



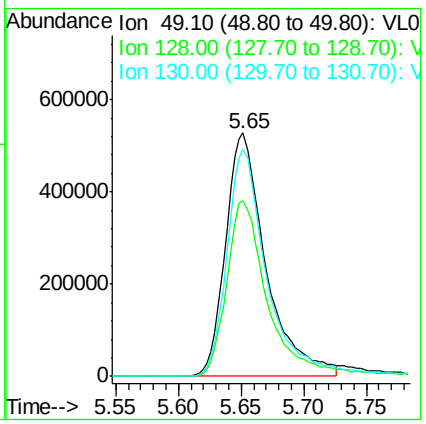


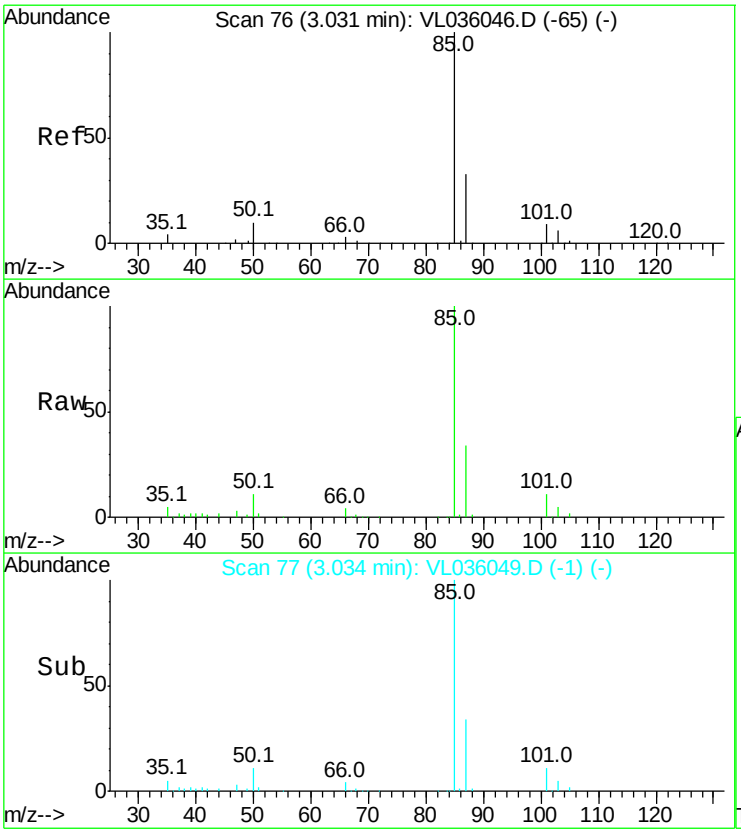
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1178107

Ion	Ratio	Lower	Upper
49	100		
128	75.5	38.3	114.8
130	96.2	49.1	147.4

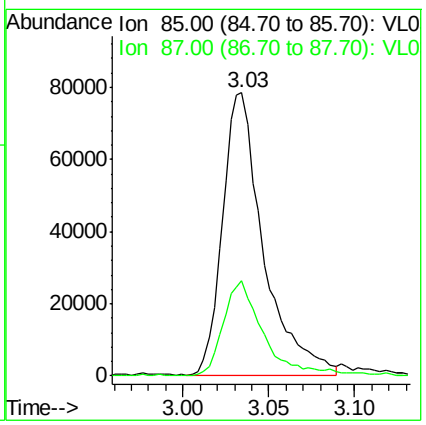


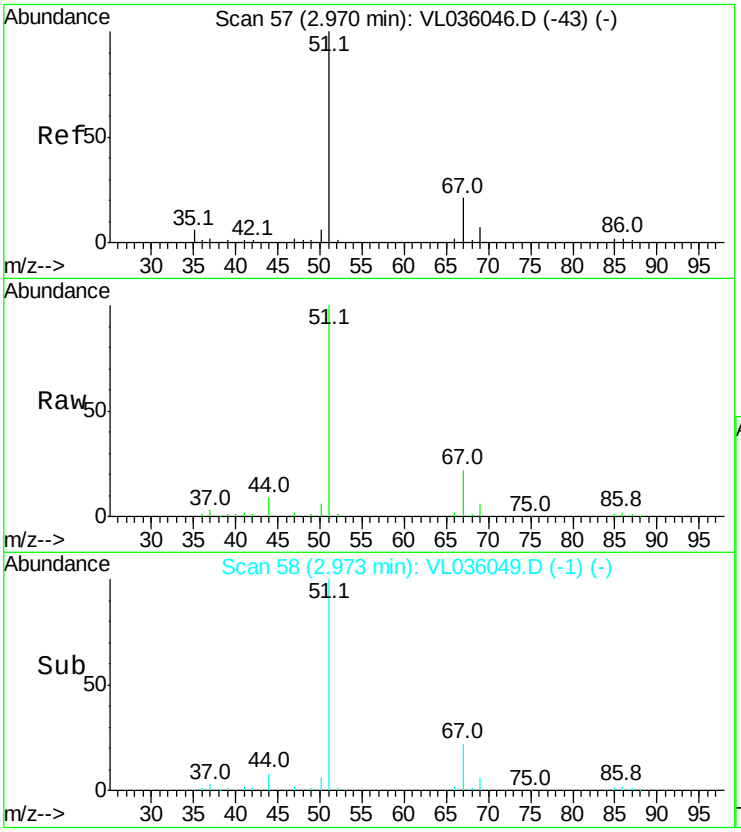


#2
Dichlorodifluoromethane
Concen: 0.585 ppbv
RT: 3.03 min Scan# 77
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 85 Resp: 129782

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.8	40.2



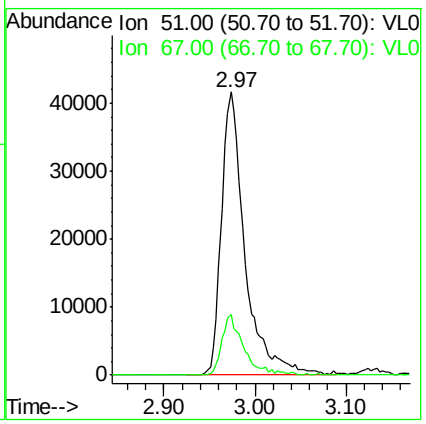


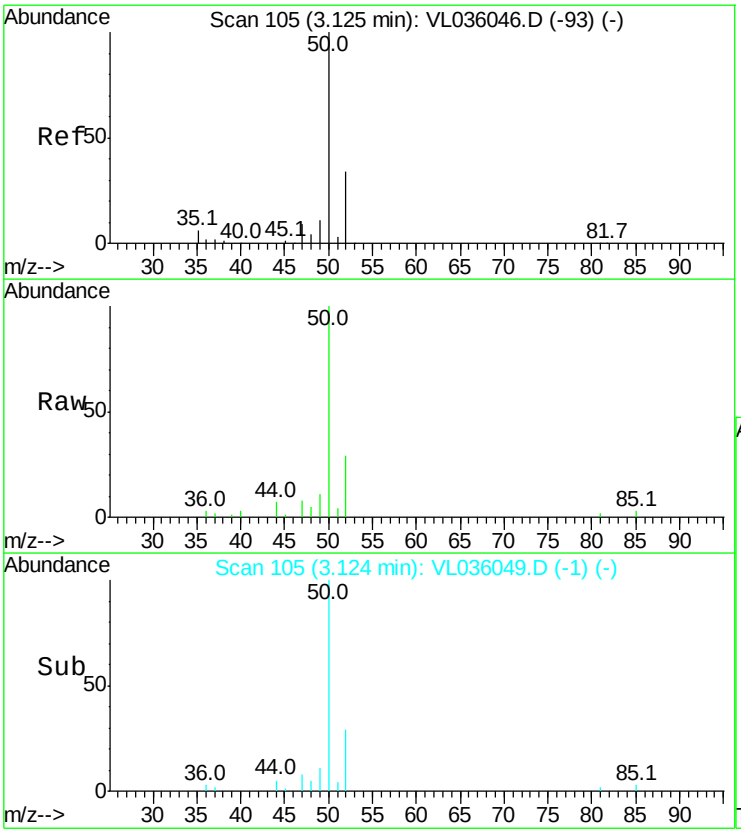
#3
Chlorodifluoromethane
Concen: 0.531 ppbv
RT: 2.97 min Scan# 58
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 51 Resp: 74945

Ion	Ratio	Lower	Upper
51	100		
67	19.9	16.9	25.3

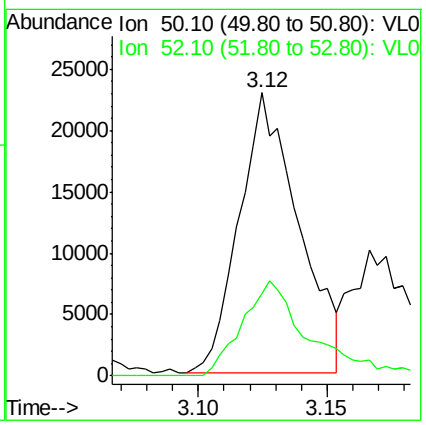


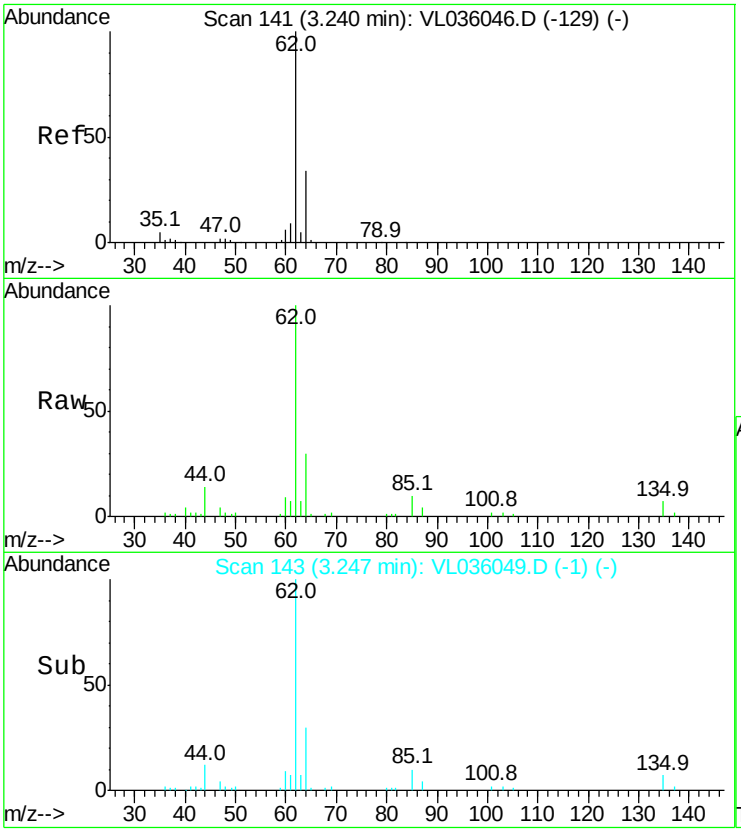


#4
Chloromethane
Concen: 0.535 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 50 Resp: 36687

Ion	Ratio	Lower	Upper
50	100		
52	29.5	27.6	41.4



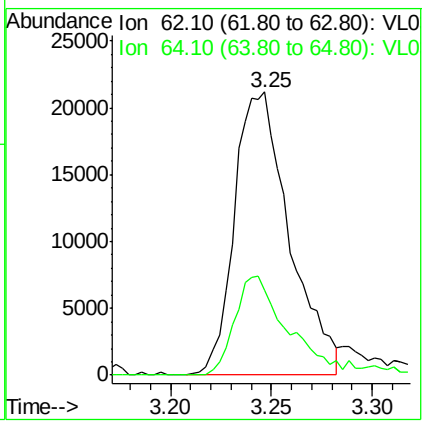


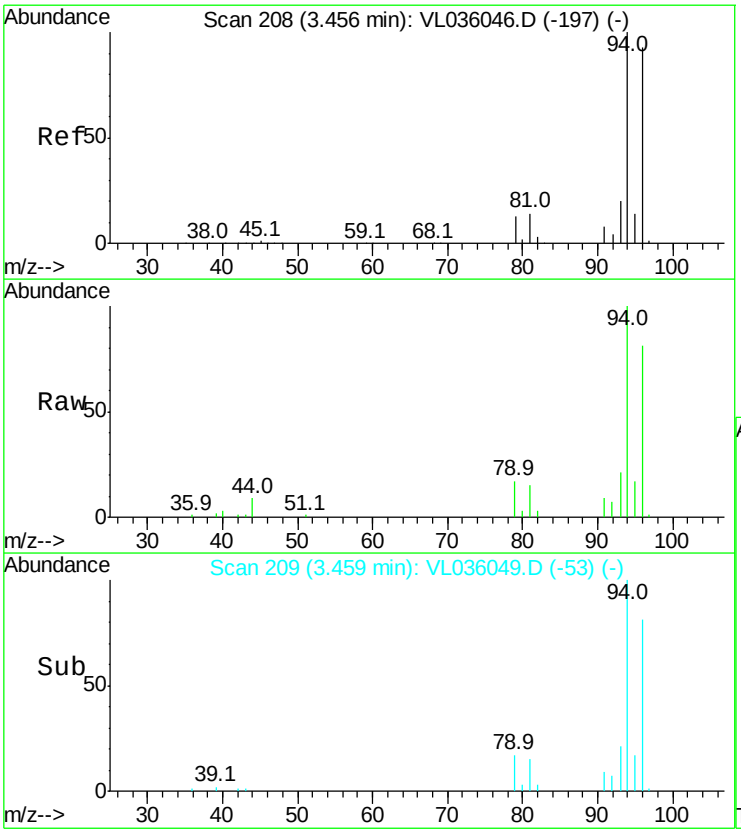
#5
Vinyl Chloride
Concen: 0.462 ppbv
RT: 3.25 min Scan# 143
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 40374

Ion	Ratio	Lower	Upper
62	100		
64	30.0	26.8	40.2

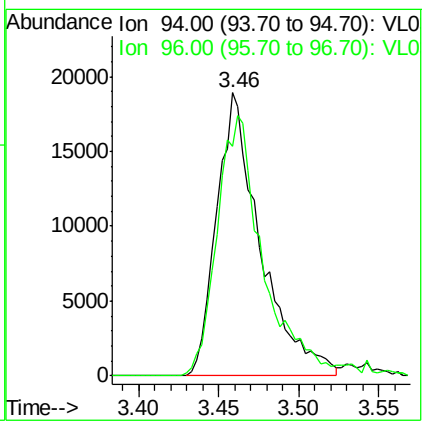


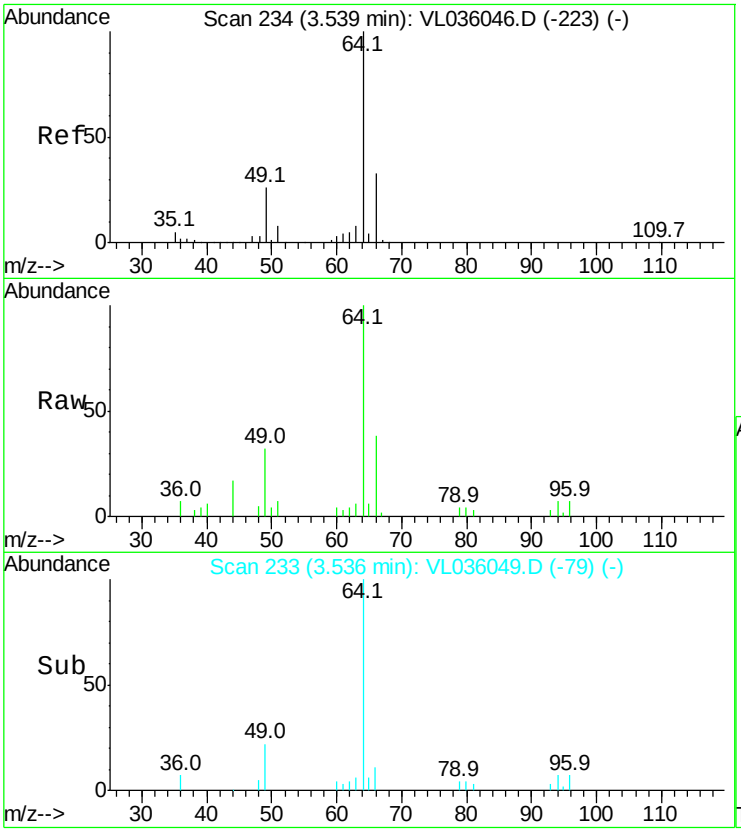


#6
Bromomethane
Concen: 0.507 ppbv
RT: 3.46 min Scan# 209
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 94 Resp: 35631

Ion	Ratio	Lower	Upper
94	100		
96	79.8	74.8	112.2



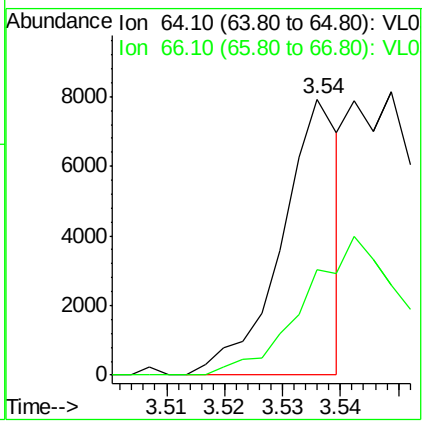


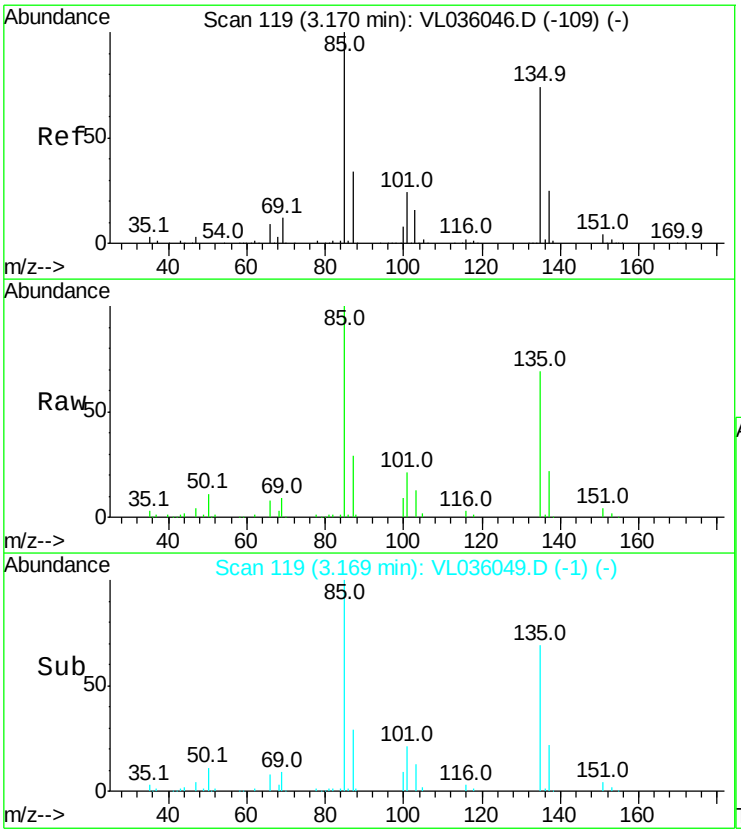
#7
Chloroethane
Concen: 0.179 ppbv
RT: 3.54 min Scan# 233
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 5517

Ion	Ratio	Lower	Upper
64	100		
66	40.2	26.1	39.1#

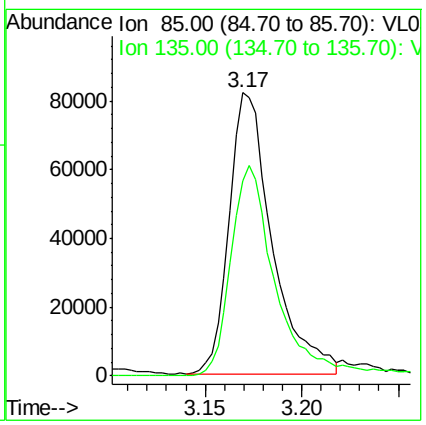


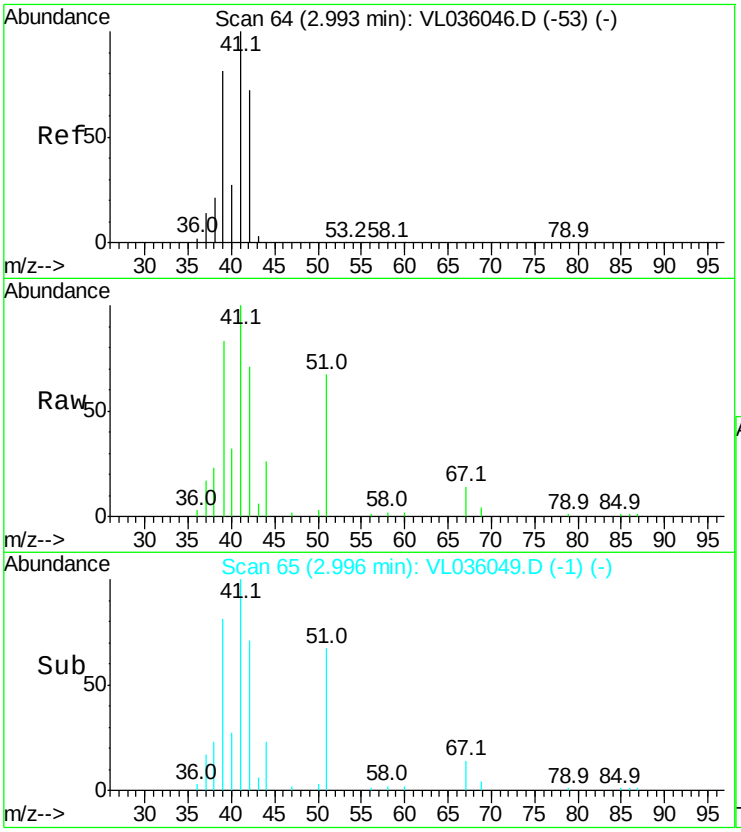


#8
Dichlorotetrafluoroethane
Concen: 0.499 ppbv
RT: 3.17 min Scan# 119
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 85 Resp: 126710

Ion	Ratio	Lower	Upper
85	100		
135	78.4	60.2	90.2



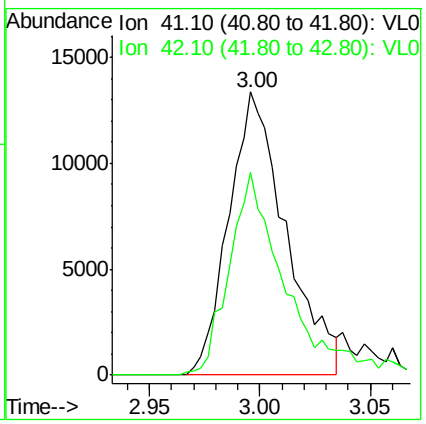


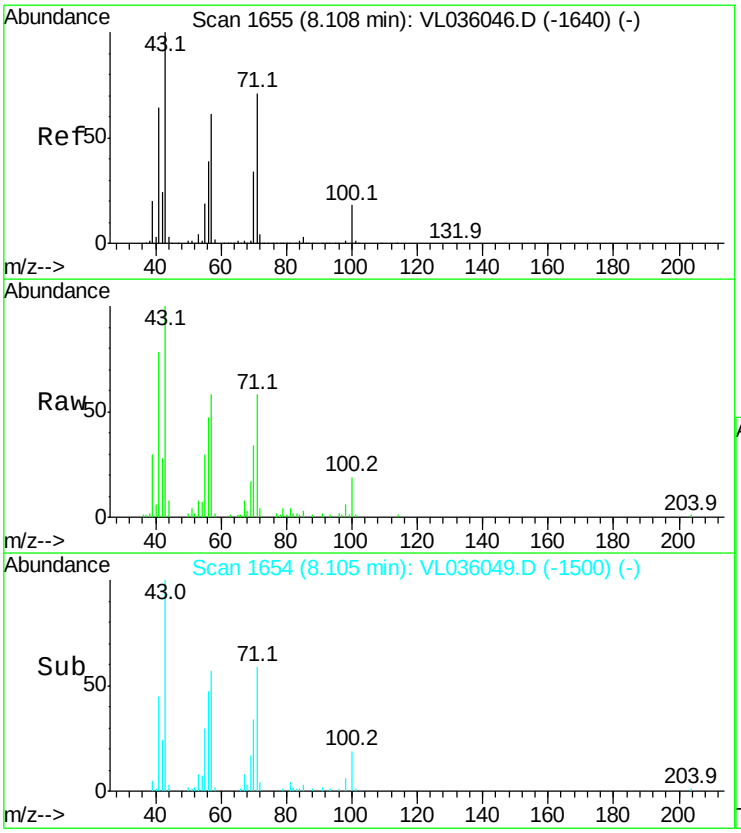
#9
Propene
Concen: 0.464 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 41 Resp: 23954

Ion	Ratio	Lower	Upper
41	100		
42	74.0	56.9	85.3

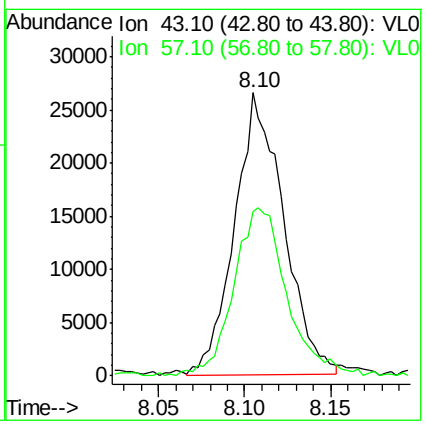


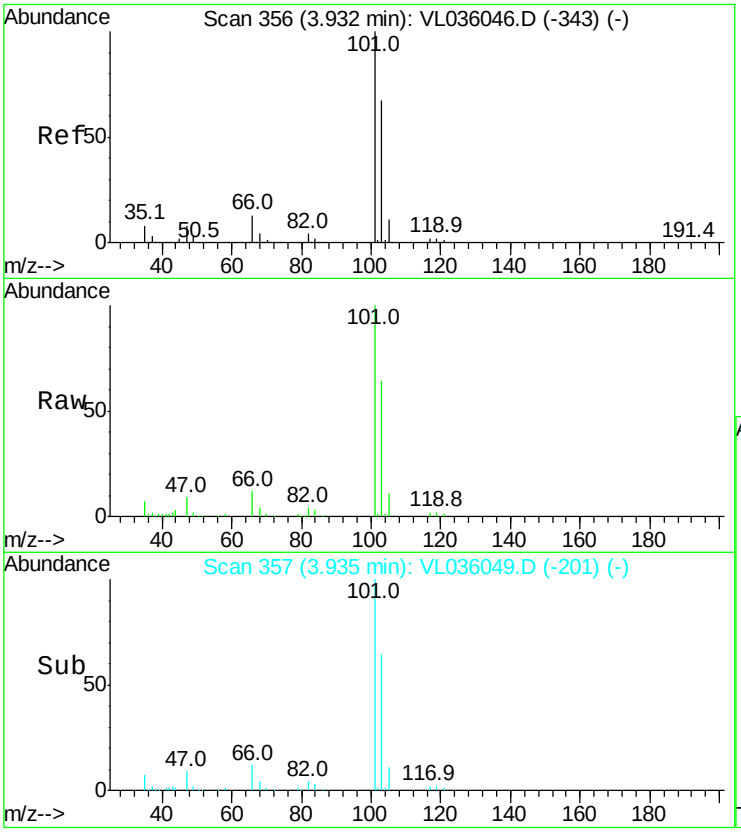


#10
Heptane
Concen: 0.369 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 43 Resp: 52662

Ion	Ratio	Lower	Upper
43	100		
57	65.1	49.2	73.8



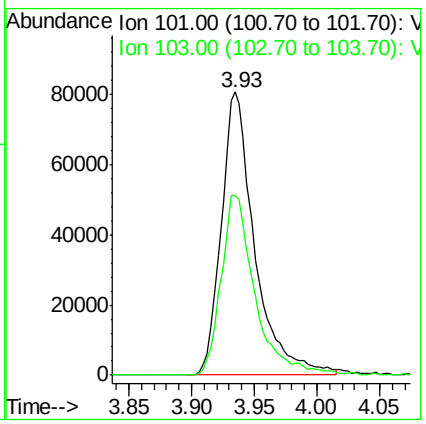


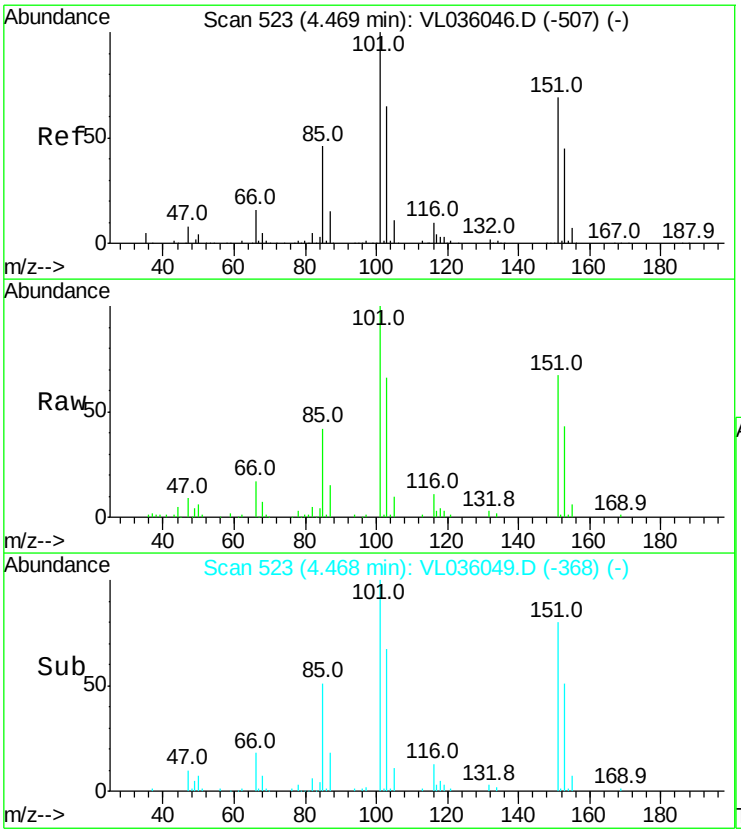
#11
Trichlorofluoromethane
Concen: 0.538 ppbv
RT: 3.93 min Scan# 357
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 149769

Ion	Ratio	Lower	Upper
101	100		
103	63.7	53.2	79.8

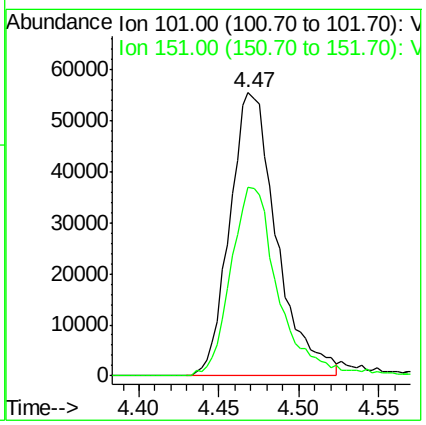


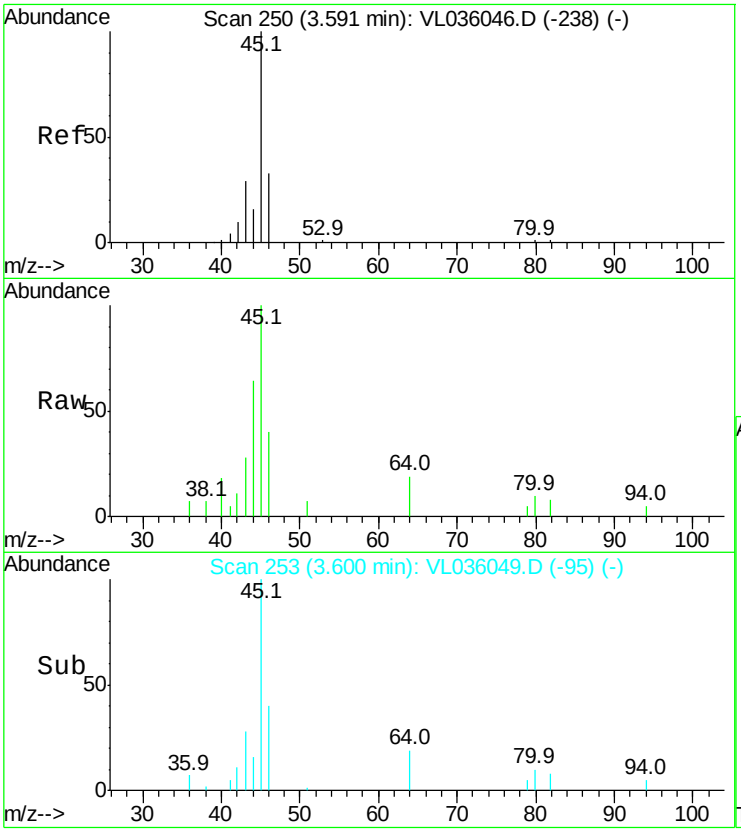


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.534 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:101 Resp: 110758

Ion	Ratio	Lower	Upper
101	100		
151	68.0	56.1	84.1



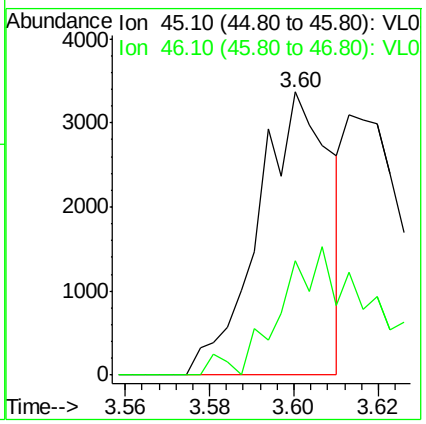


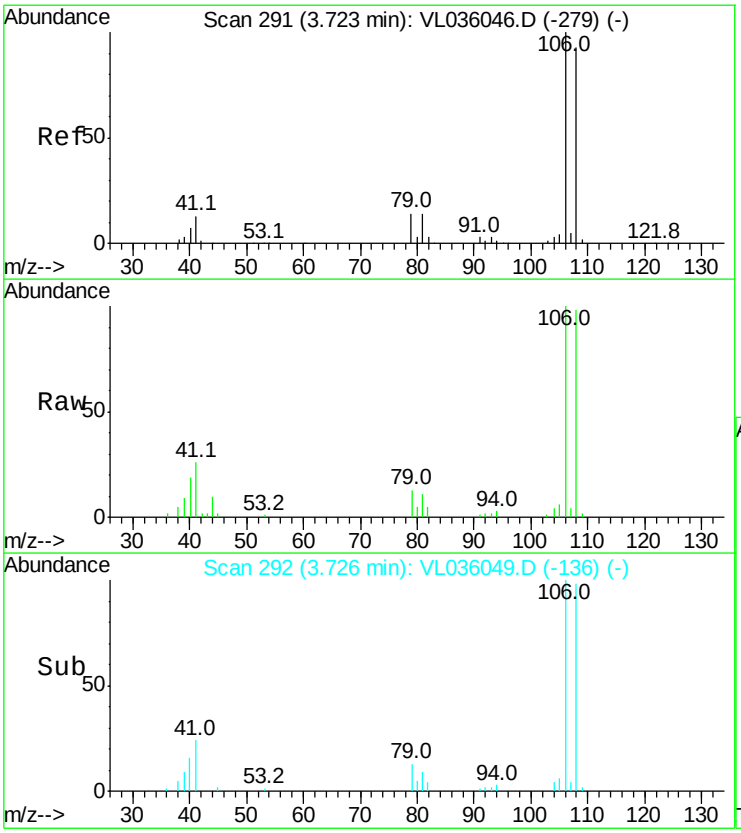
#13
Ethanol
Concen: 0.357 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 3999

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.0	64.2#

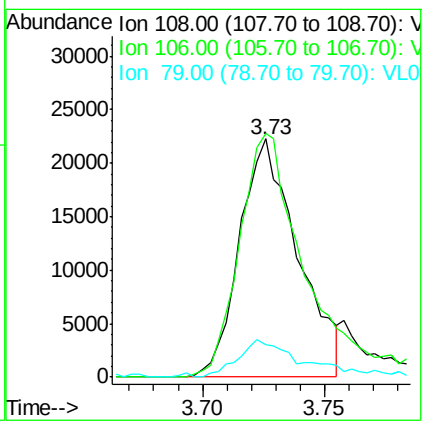


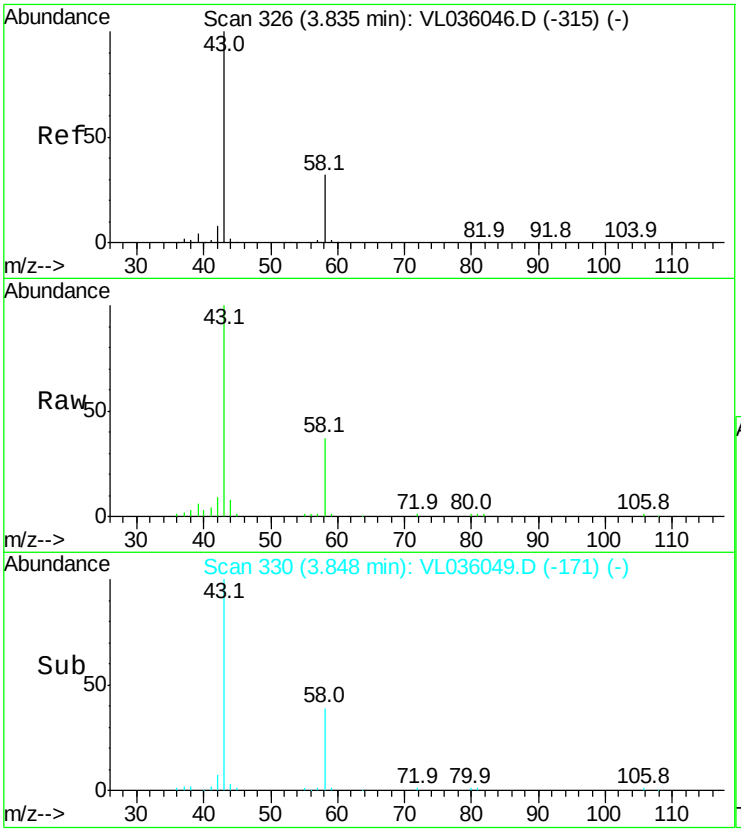


#14
Bromoethene
Concen: 0.386 ppbv
RT: 3.73 min Scan# 292
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:108 Resp: 36870

Ion	Ratio	Lower	Upper
108	100		
106	120.5	85.0	127.4
79	18.2	11.9	17.9#



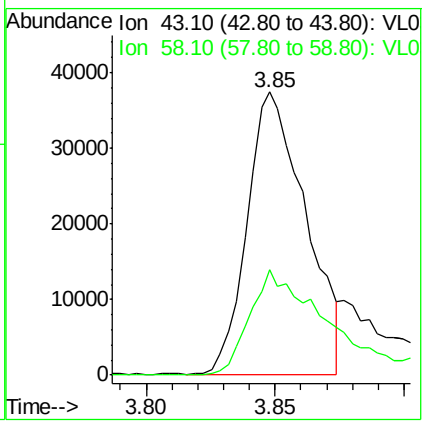


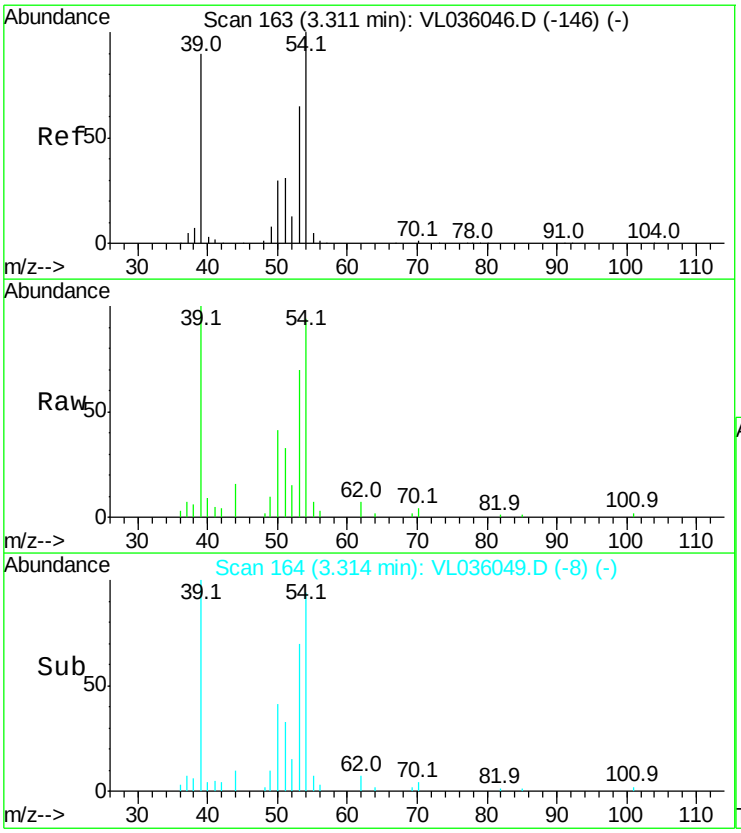
#15
Acetone
Concen: 0.473 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 59598

Ion	Ratio	Lower	Upper
43	100		
58	52.8	27.0	40.6#

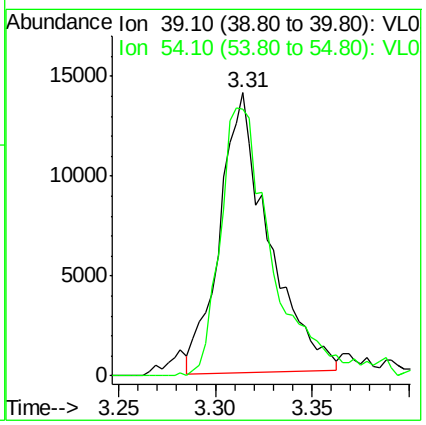


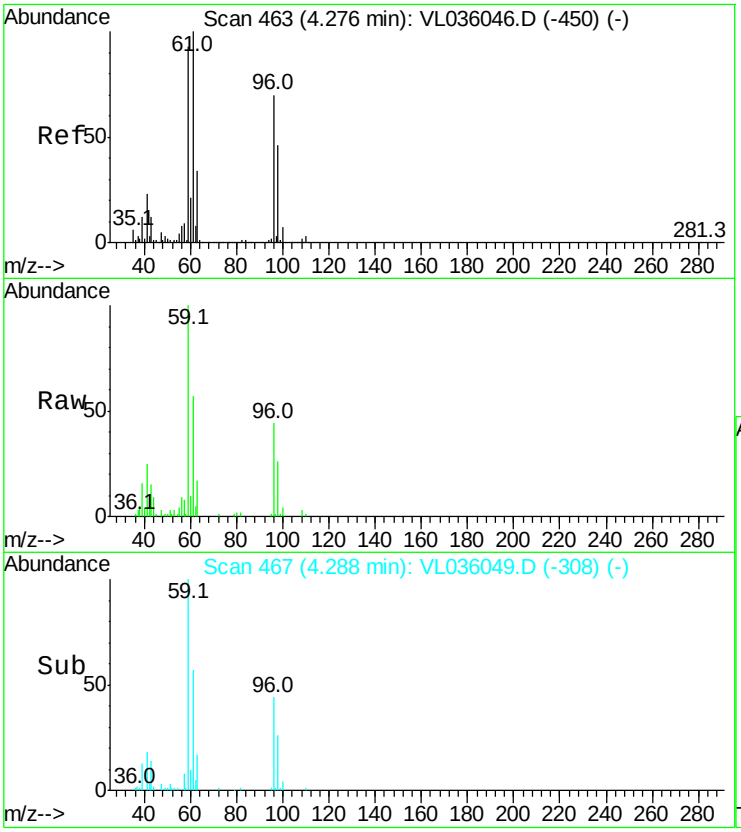


#16
1,3-Butadiene
Concen: 0.458 ppbv
RT: 3.31 min Scan# 164
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 39 Resp: 24845

Ion	Ratio	Lower	Upper
39	100		
54	105.5	86.1	129.1



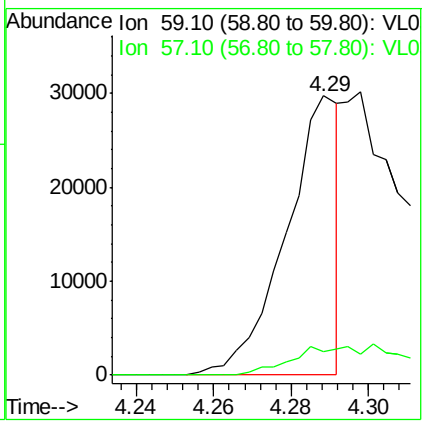


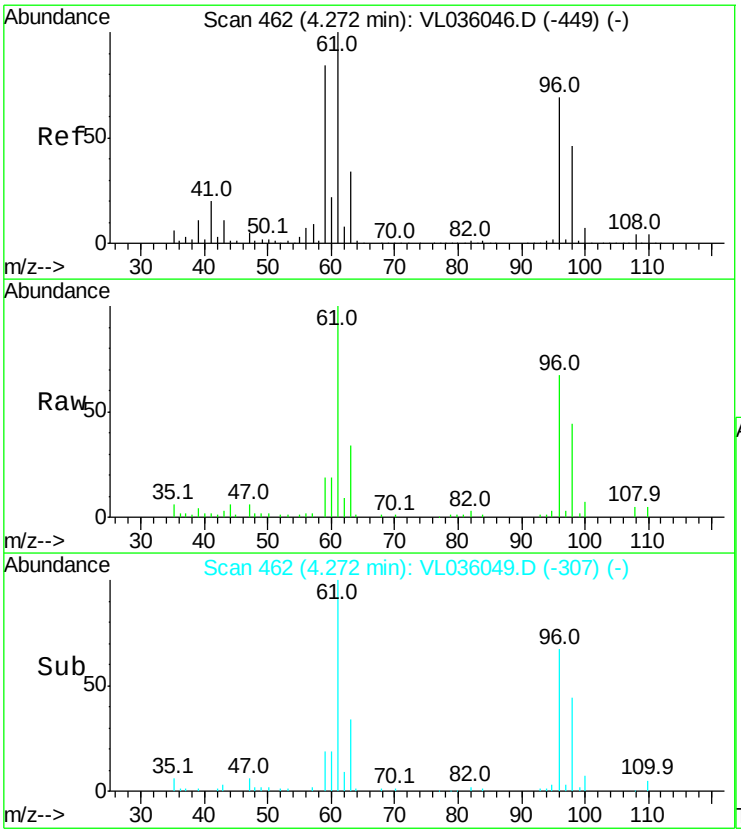
#17
tert-Butyl alcohol
Concen: 0.170 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 28341

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

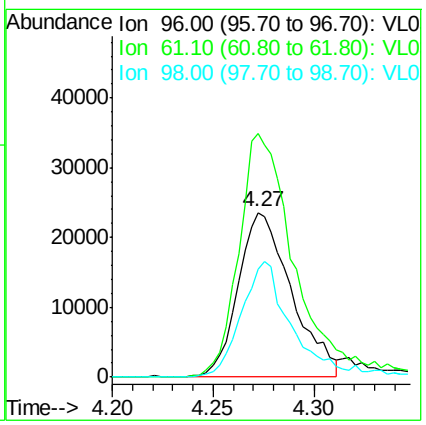


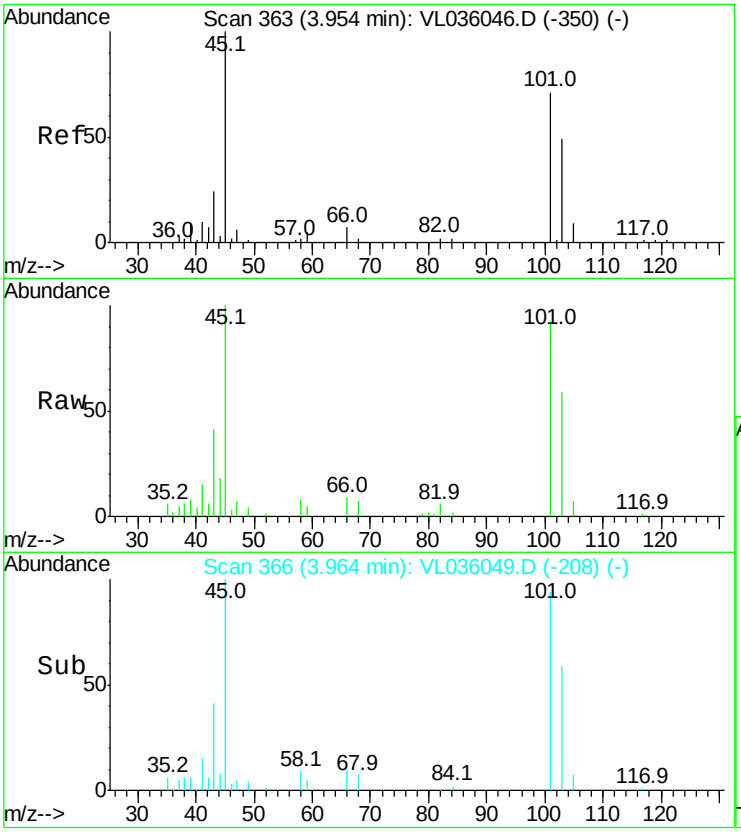


#18
1,1-Dichloroethene
Concen: 0.459 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 96 Resp: 43697

Ion	Ratio	Lower	Upper
96	100		
61	148.2	115.8	173.6
98	65.4	53.1	79.7



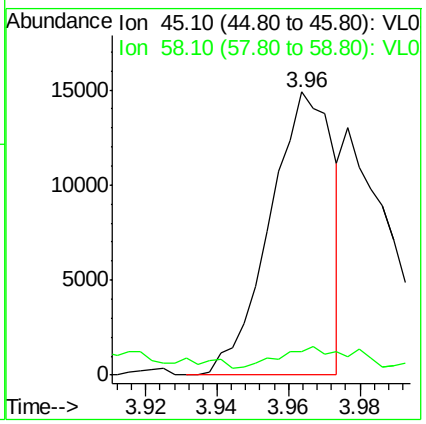


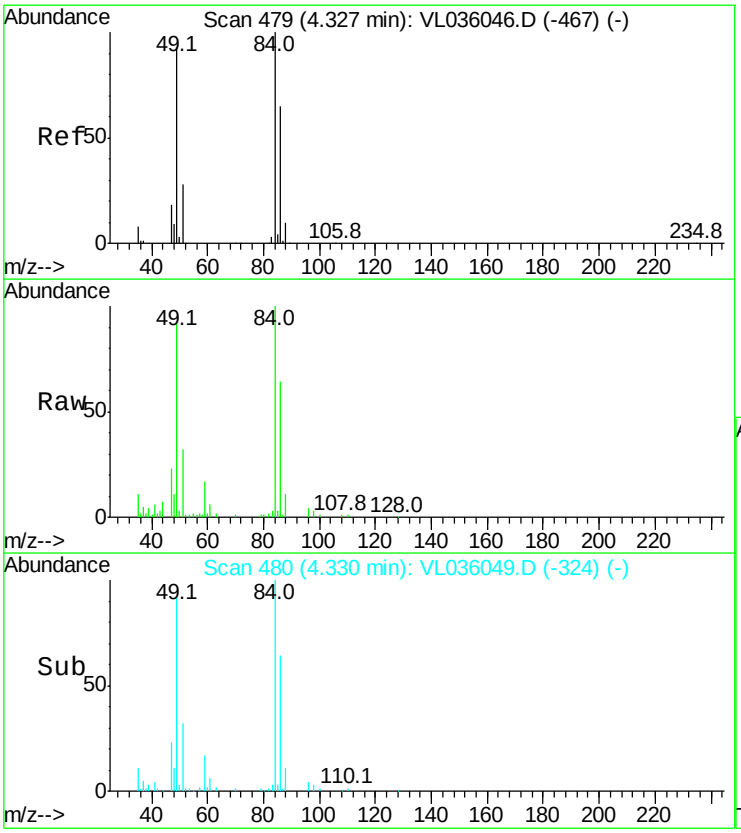
#19
Isopropyl Alcohol
Concen: 0.236 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 18274

Ion	Ratio	Lower	Upper
45	100		
58	20.1	3.4	5.0#

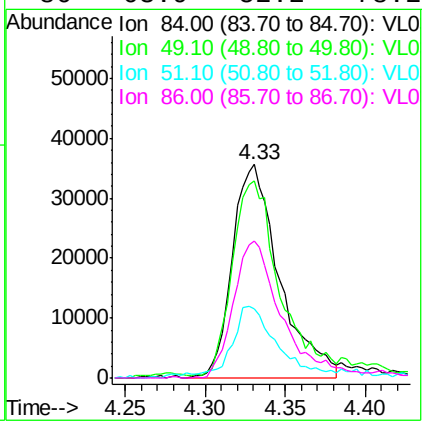


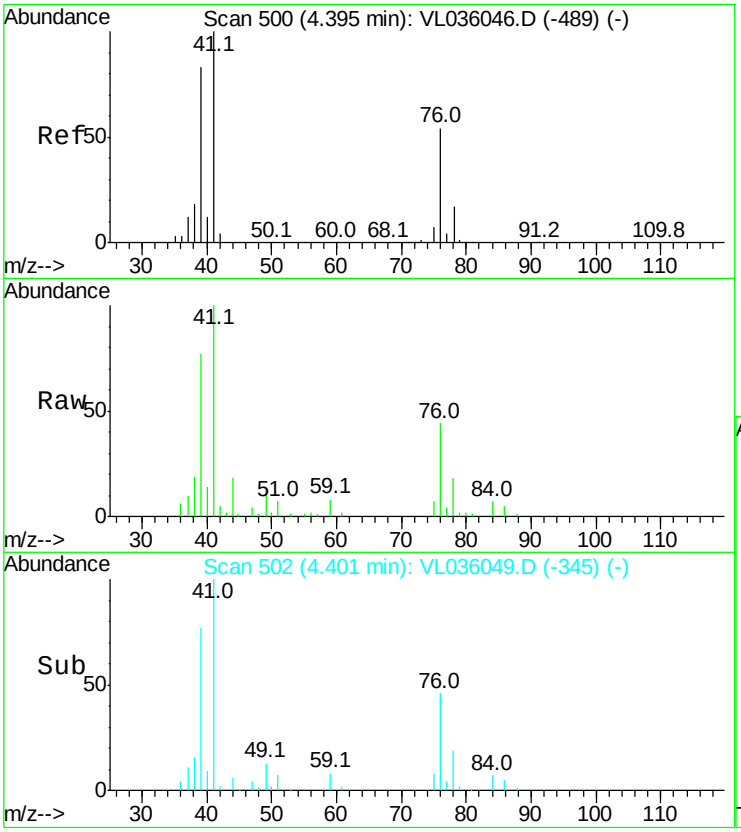


#20
Methylene Chloride
Concen: 0.807 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 84 Resp: 71561

Ion	Ratio	Lower	Upper
84	100		
49	91.3	74.4	111.6
51	30.0	22.5	33.7
86	63.9	52.2	78.2



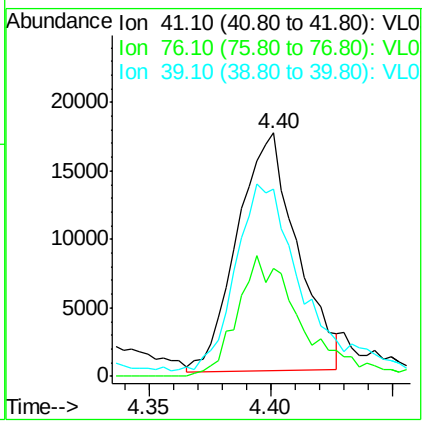


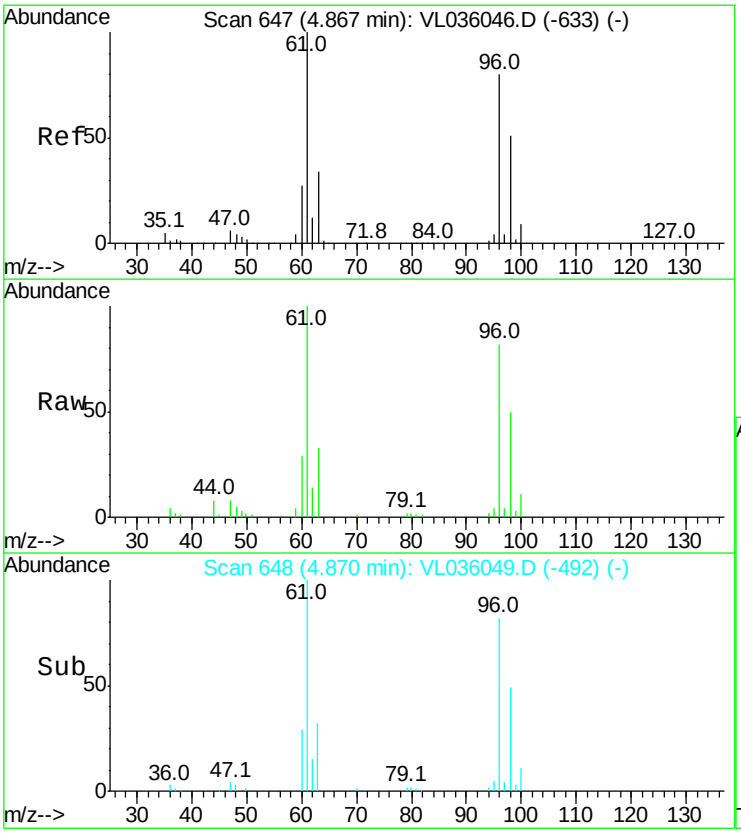
#21
Allyl Chloride
Concen: 0.435 ppbv
RT: 4.40 min Scan# 502
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 29598

Ion	Ratio	Lower	Upper
41	100		
76	55.5	42.4	63.6
39	102.5	69.0	103.6

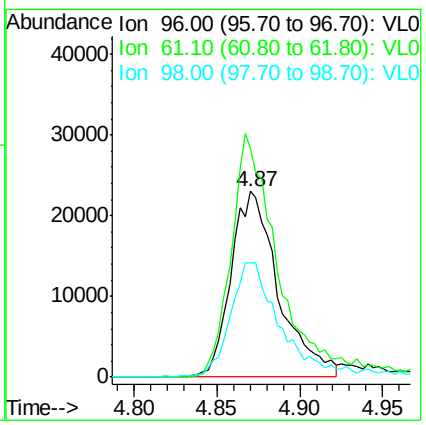


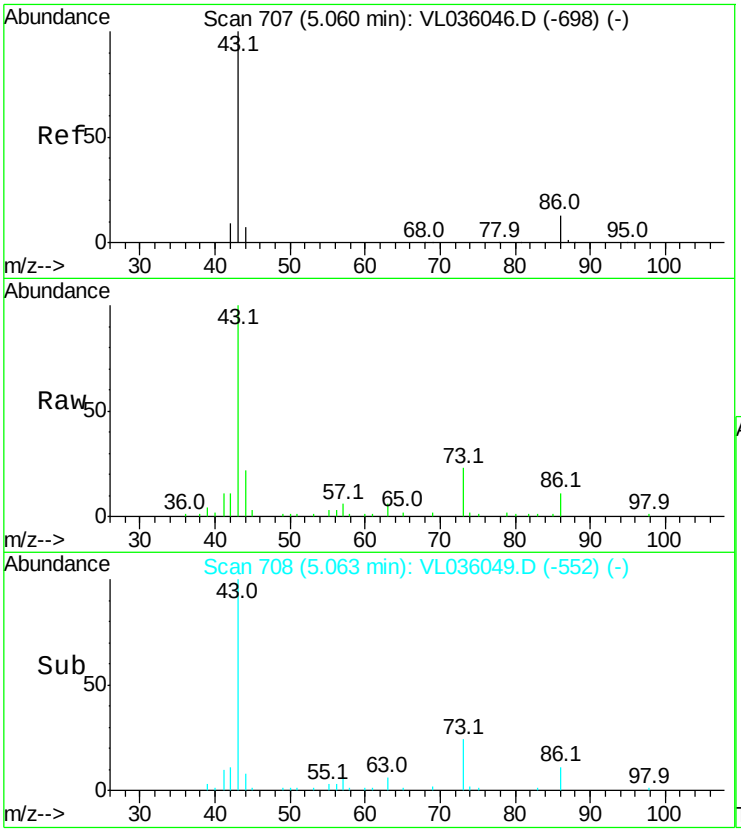


#22
trans-1,2-Dichloroethene
Concen: 0.478 ppbv
RT: 4.87 min Scan# 648
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 96 Resp: 46158

Ion	Ratio	Lower	Upper
96	100		
61	122.4	99.8	149.6
98	60.7	51.1	76.7



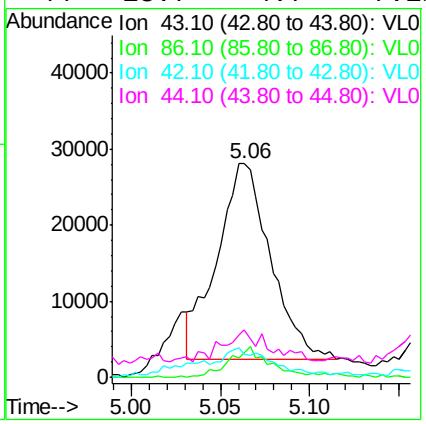


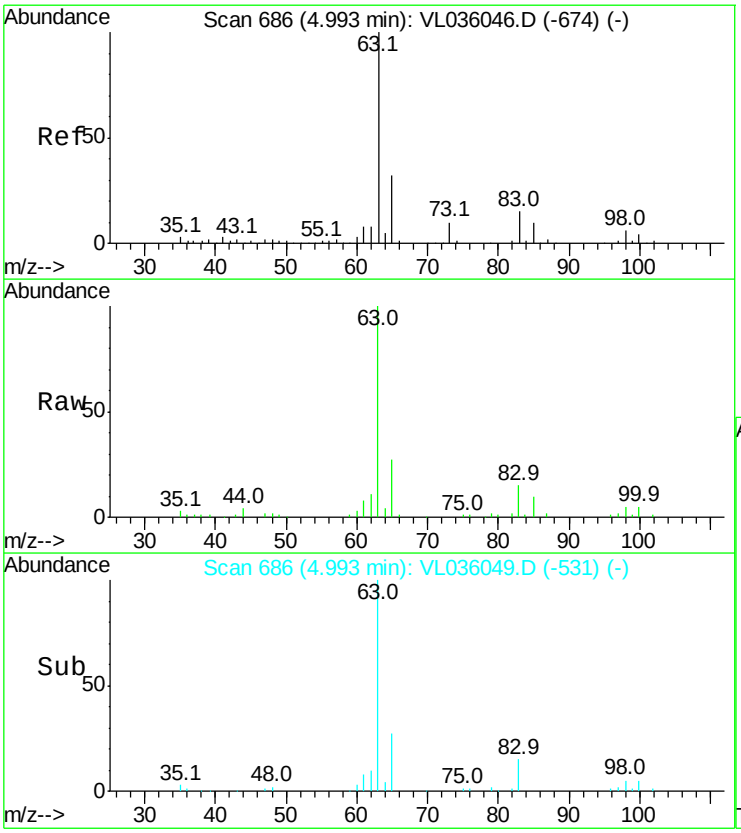
#23
Vinyl Acetate
Concen: 0.304 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 53734

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.3	13.9
42	9.9	8.1	12.1
44	13.7	4.7	7.1#

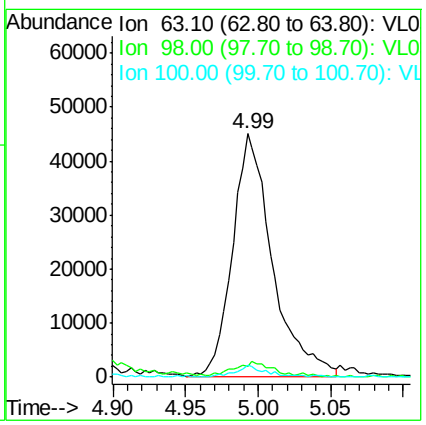


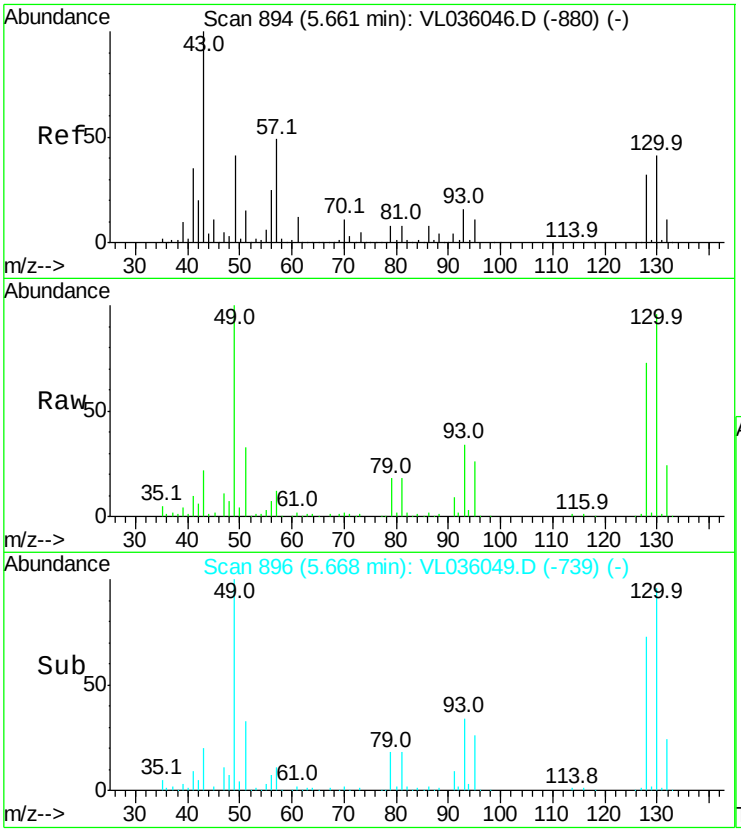


#24
1,1-Dichloroethane
Concen: 0.516 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 63 Resp: 86787

Ion	Ratio	Lower	Upper
63	100		
98	4.0	3.1	9.3
100	4.7	1.9	5.7



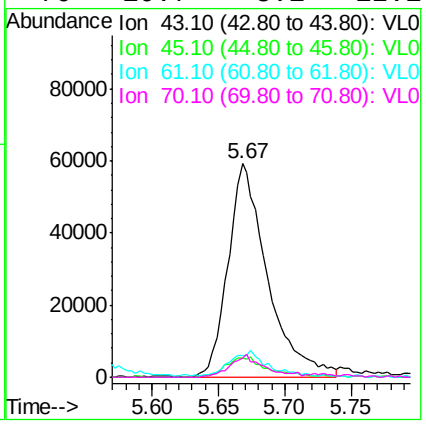


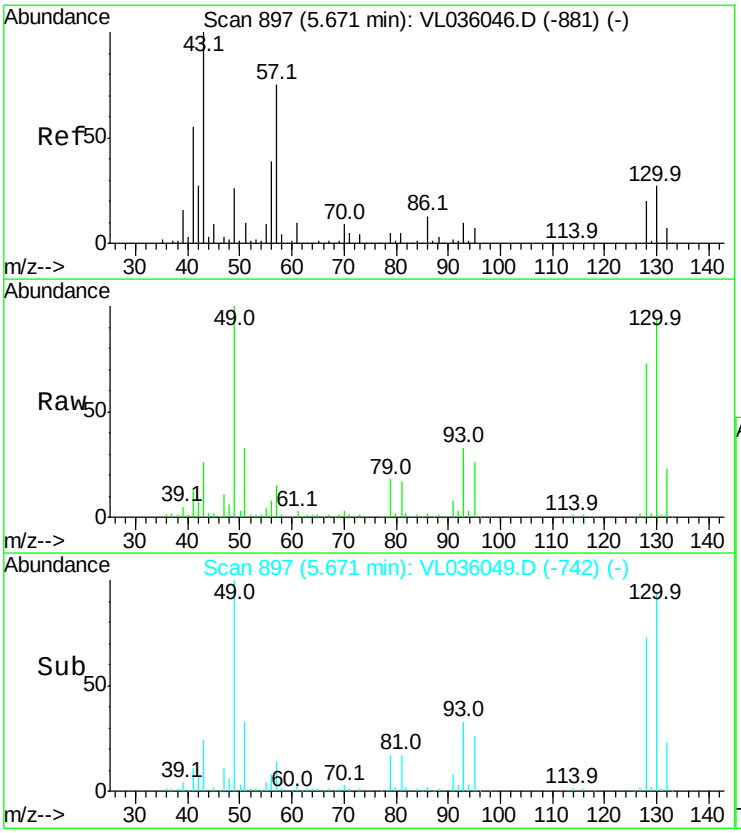
#25
Ethyl Acetate
Concen: 0.494 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 122696

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.6	13.0
61	12.1	10.6	16.0
70	10.7	8.1	12.1

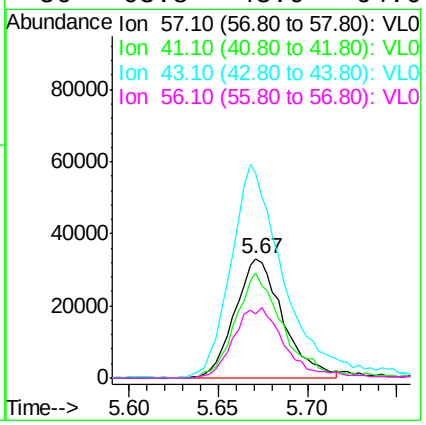


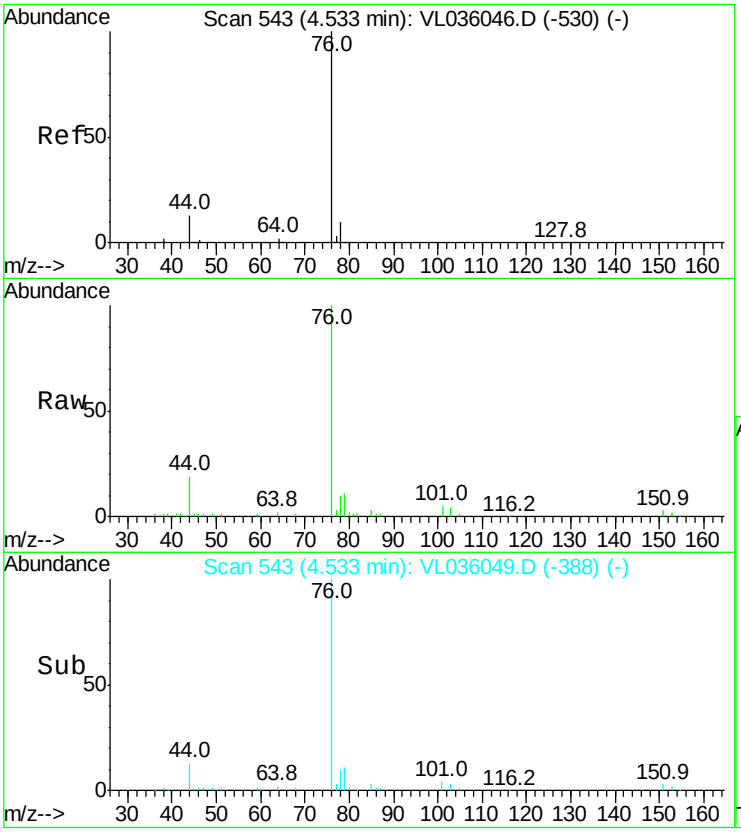


#26
Hexane
Concen: 0.454 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 57 Resp: 62129

Ion	Ratio	Lower	Upper
57	100		
41	89.6	61.6	92.4
43	208.1	152.9	229.3
56	63.8	43.0	64.6



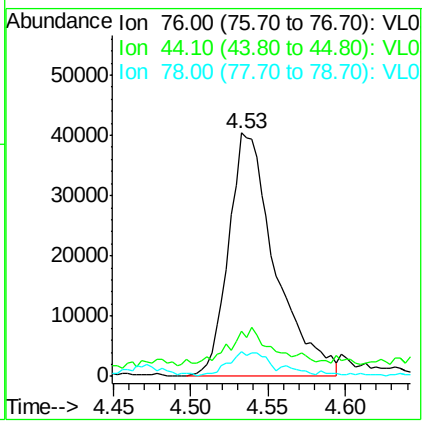


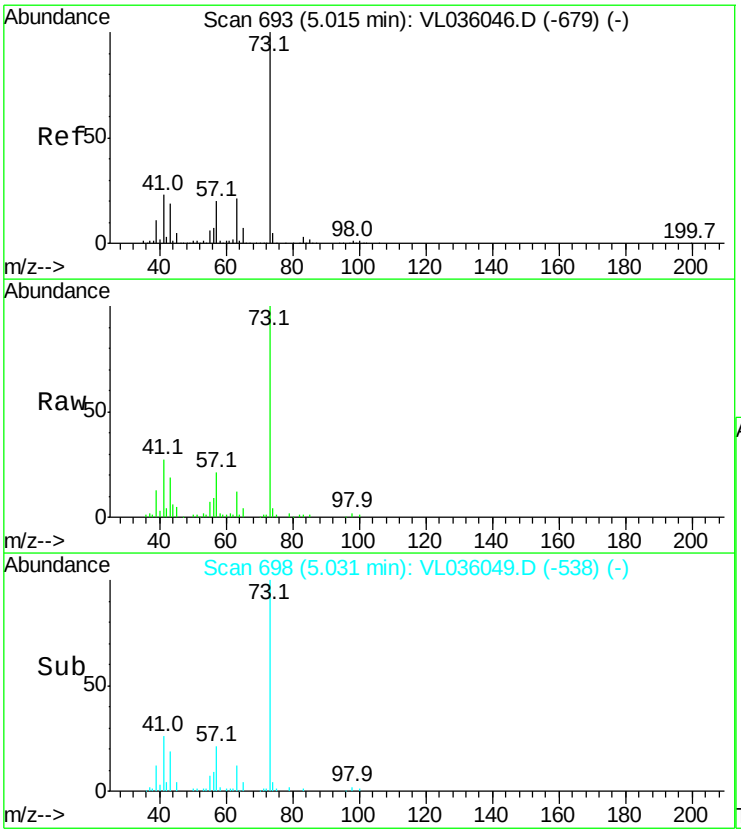
#27
Carbon Disulfide
Concen: 0.412 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 84427

Ion	Ratio	Lower	Upper
76	100		
44	14.7	9.6	14.4#
78	12.1	7.7	11.5#

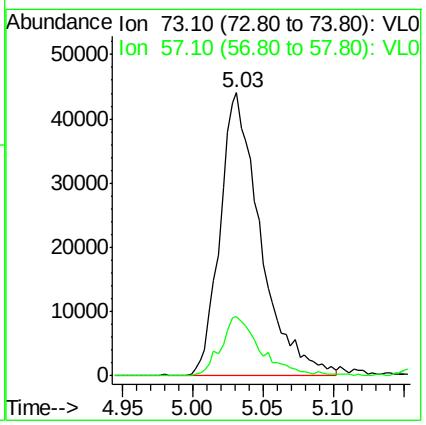


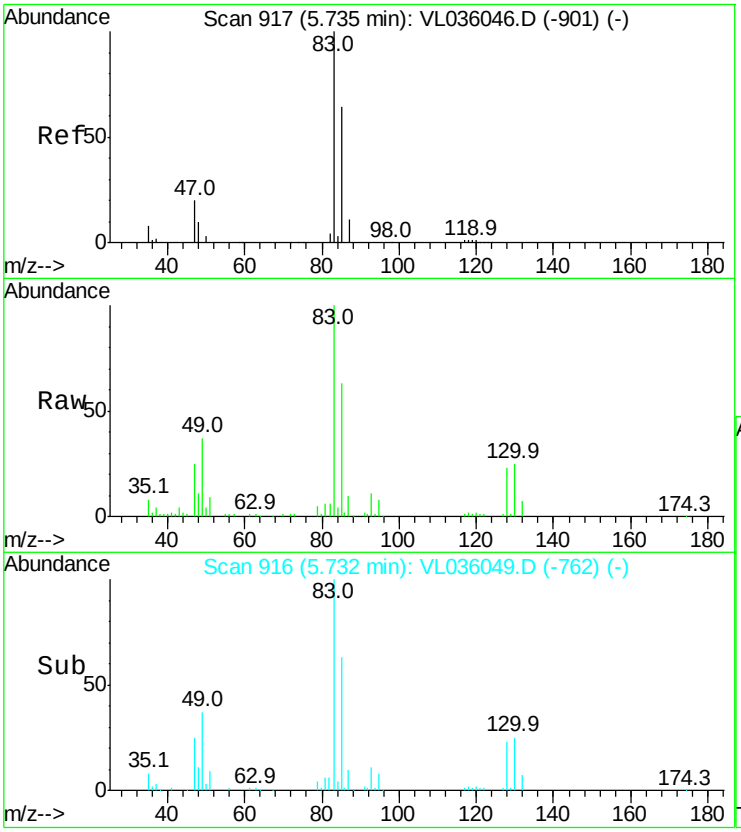


#28
Methyl tert-Butyl Ether
Concen: 0.360 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.02 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 73 Resp: 88496

Ion	Ratio	Lower	Upper
73	100		
57	20.8	15.8	23.8



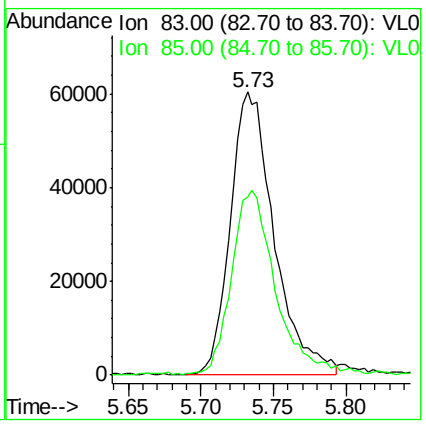


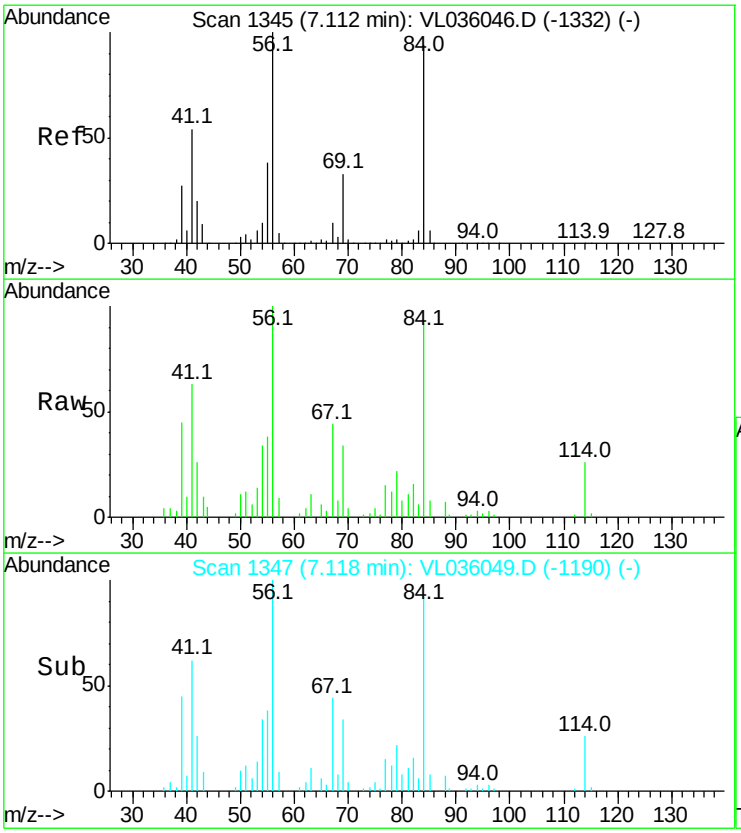
#29
Chloroform
Concen: 0.472 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 126959

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.6	77.4

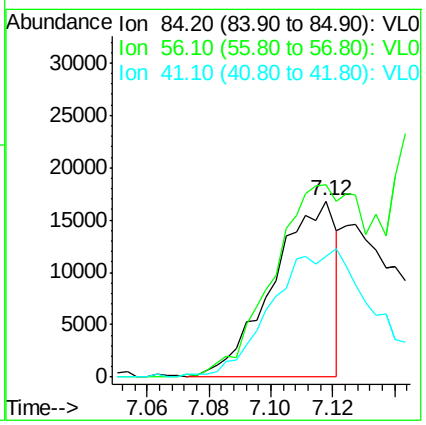


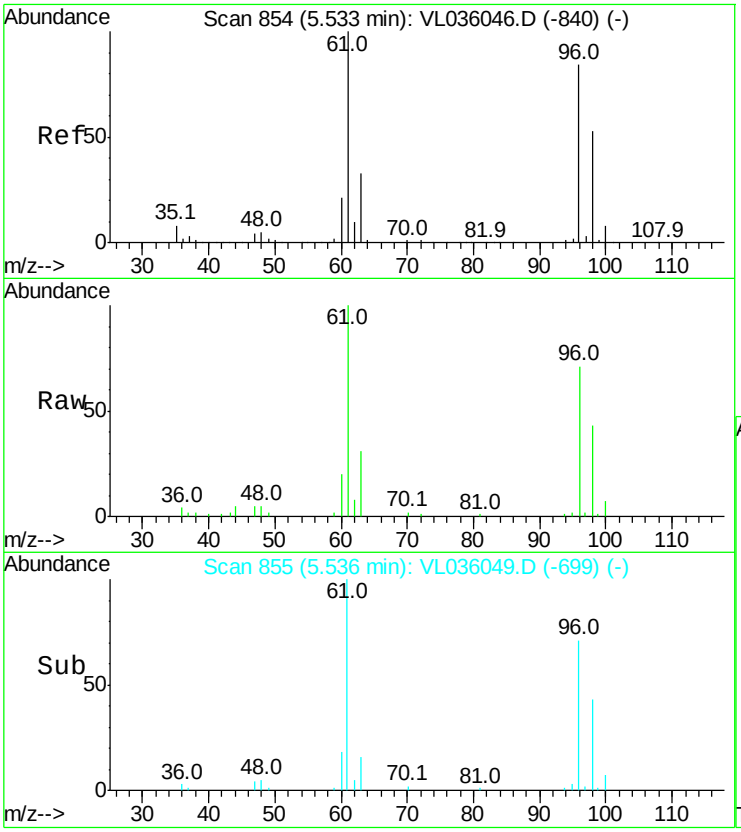


#30
Cyclohexane
Concen: 0.159 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 84 Resp: 23632

Ion	Ratio	Lower	Upper
84	100		
56	0.0	89.9	134.9#
41	128.2	46.1	69.1#



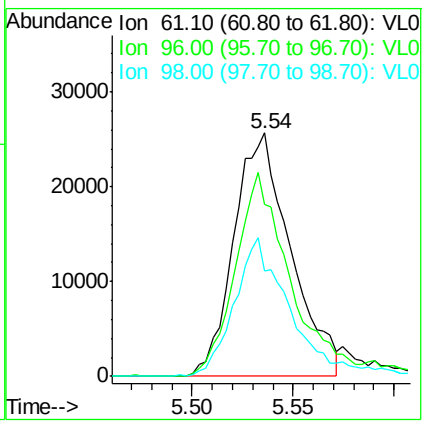


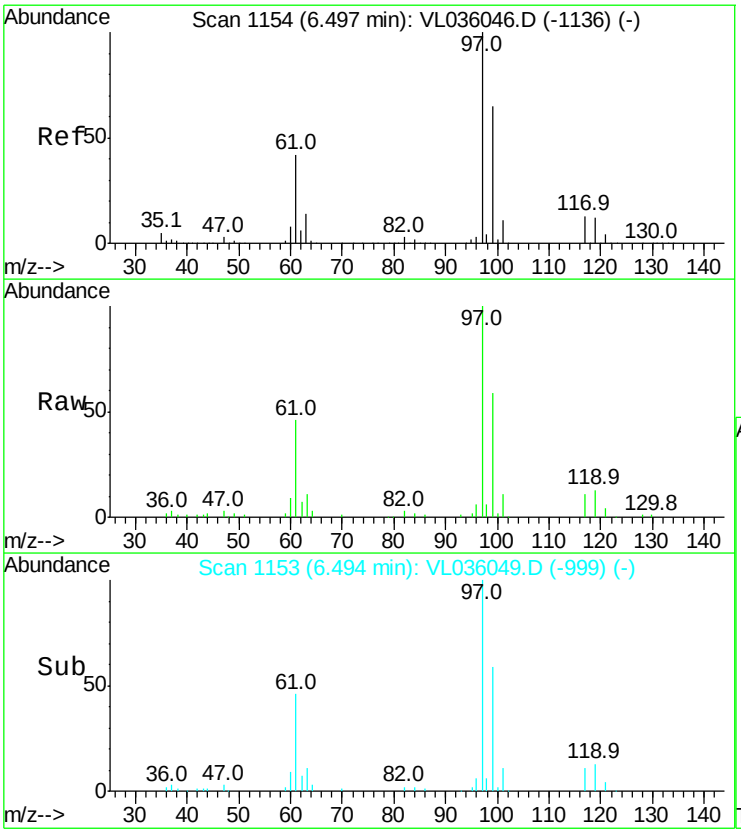
#31
cis-1,2-Dichloroethene
Concen: 0.359 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 50506

Ion	Ratio	Lower	Upper
61	100		
96	70.7	66.8	100.2
98	43.2	42.6	63.8

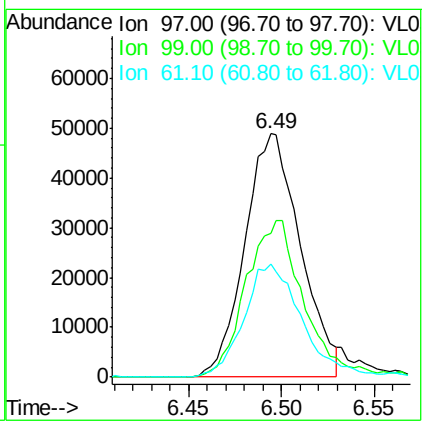


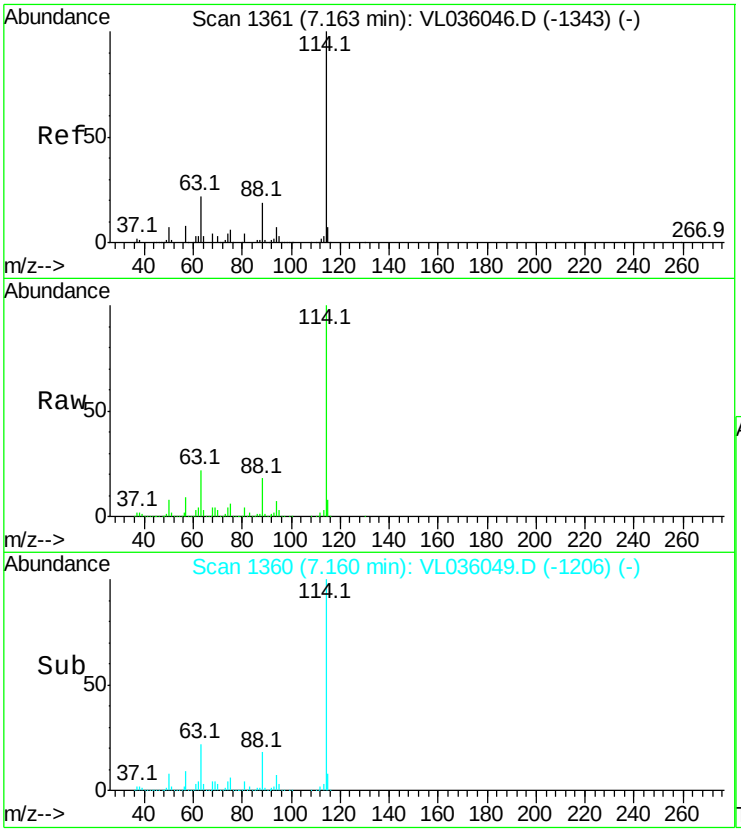


#32
1,1,1-Trichloroethane
Concen: 0.364 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 97 Resp: 102182

Ion	Ratio	Lower	Upper
97	100		
99	67.9	52.4	78.6
61	49.3	34.7	52.1



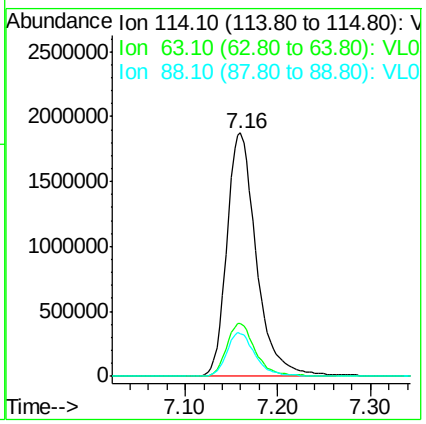


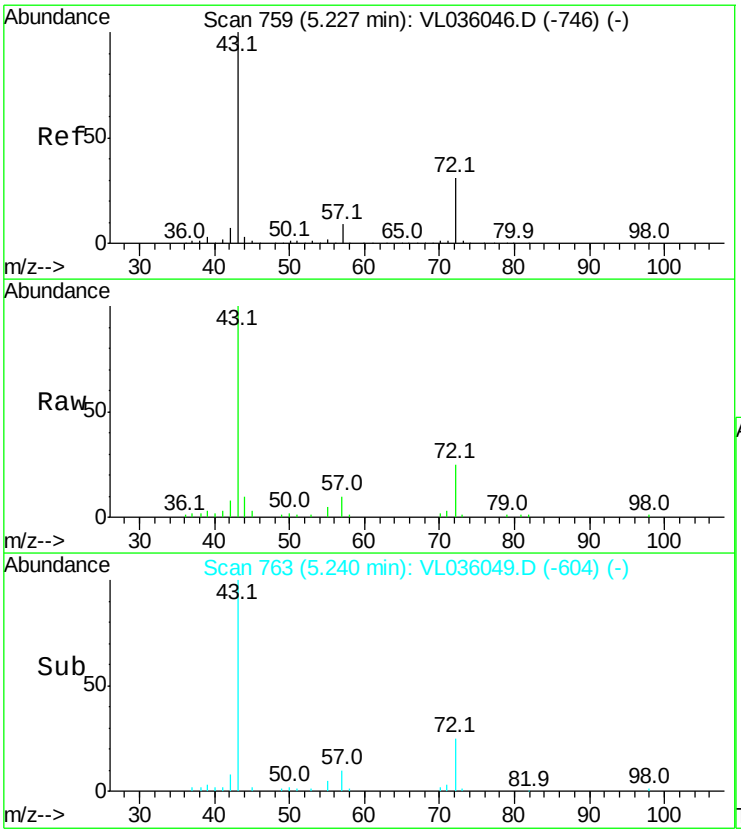
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 4132854

Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.2	25.8
88	17.5	14.0	21.0

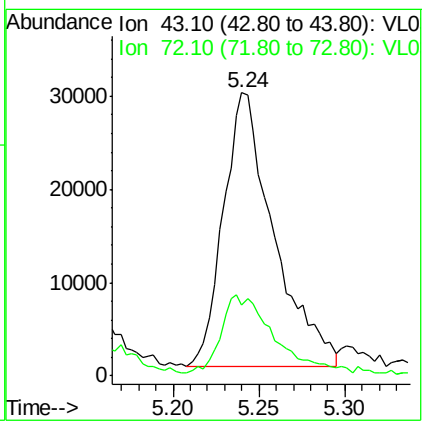


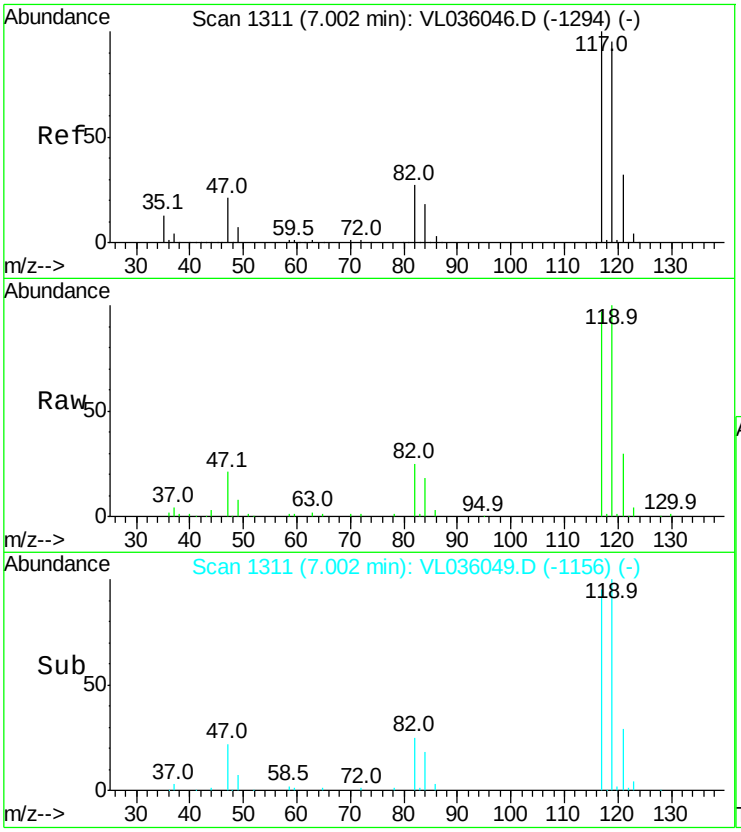


#34
2-Butanone
Concen: 0.449 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 43 Resp: 60158

Ion	Ratio	Lower	Upper
43	100		
72	34.9	24.5	36.7



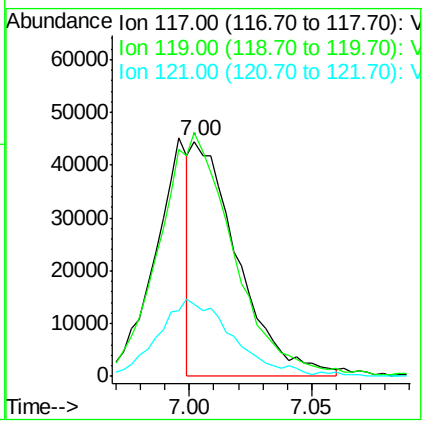


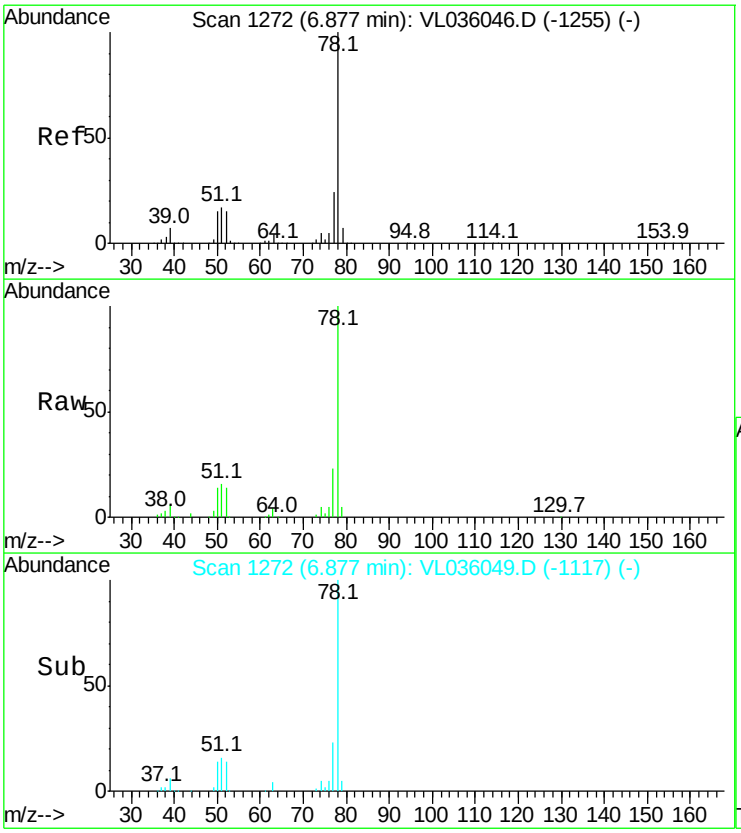
#35
Carbon Tetrachloride
Concen: 0.264 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 58312

Ion	Ratio	Lower	Upper
117	100		
119	103.1	75.9	113.9
121	30.0	25.8	38.8

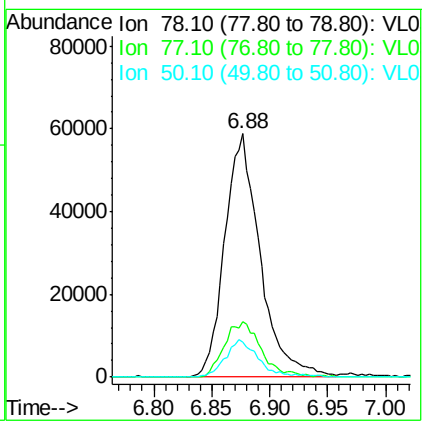


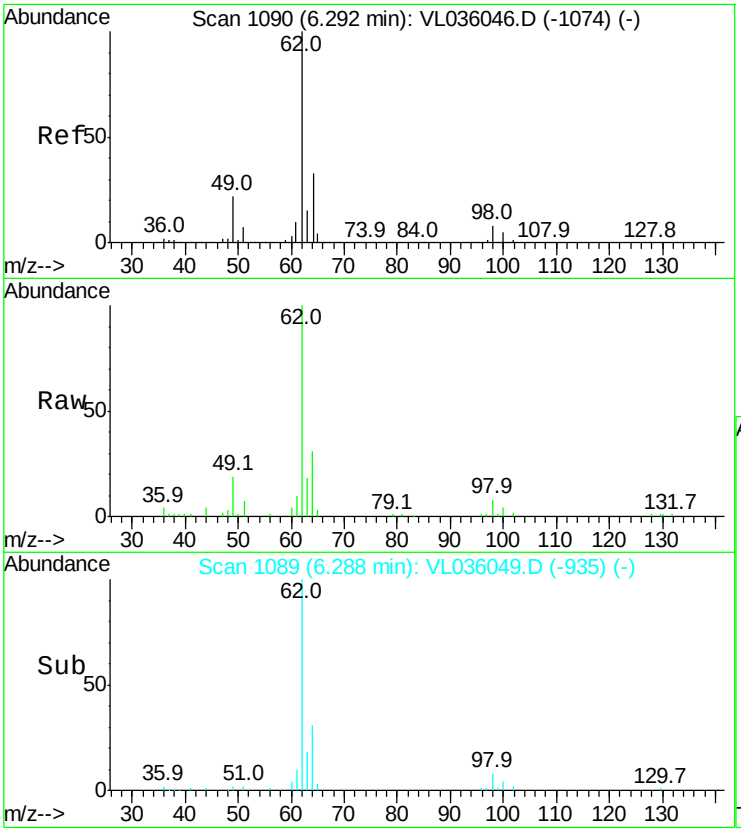


#36
Benzene
Concen: 0.404 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 78 Resp: 124264

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.1	28.7
50	14.1	12.0	18.0



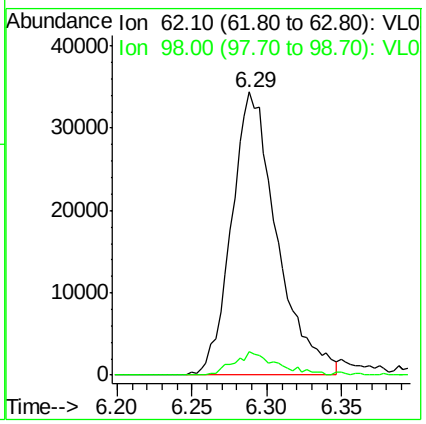


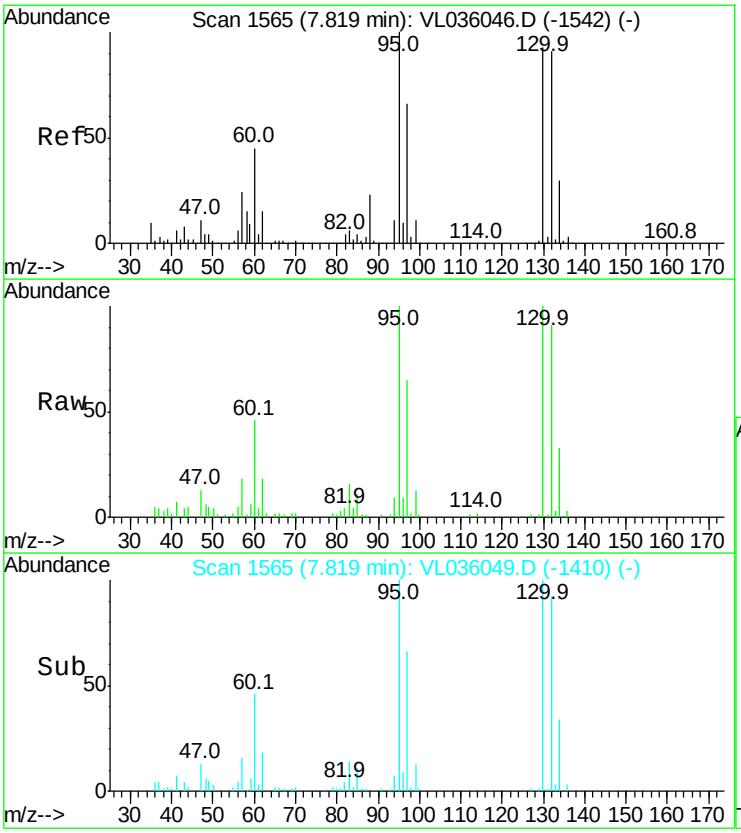
#37
1,2-Dichloroethane
Concen: 0.522 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 72626

Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.4	9.6

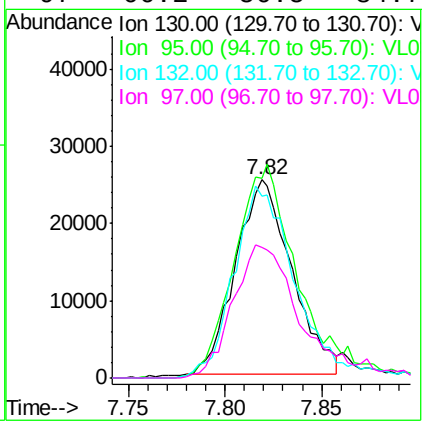


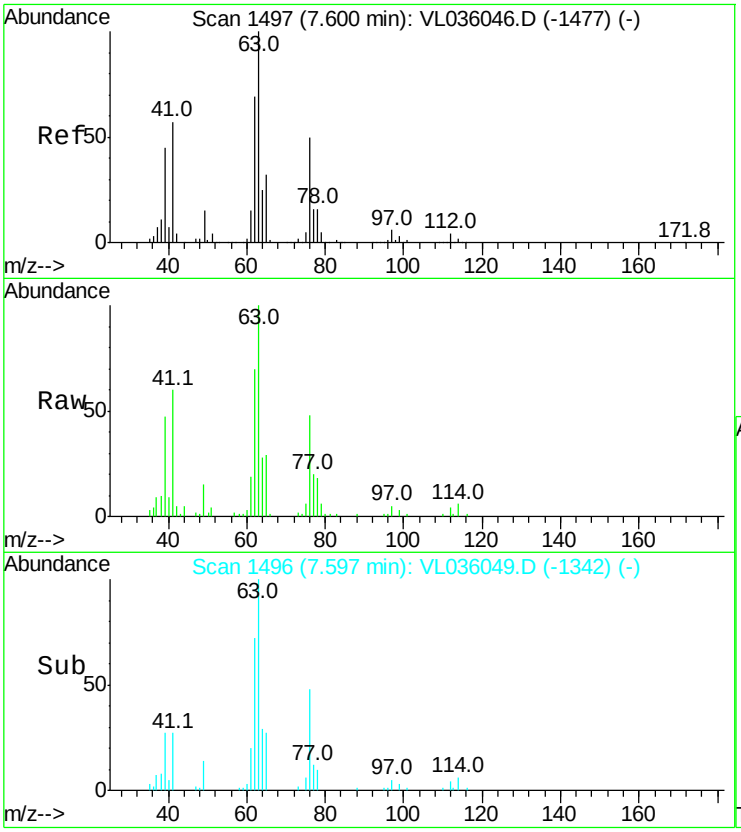


#38
Trichloroethene
Concen: 0.340 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:130 Resp: 51030

Ion	Ratio	Lower	Upper
130	100		
95	101.2	86.1	129.1
132	92.4	78.6	118.0
97	66.2	56.5	84.7



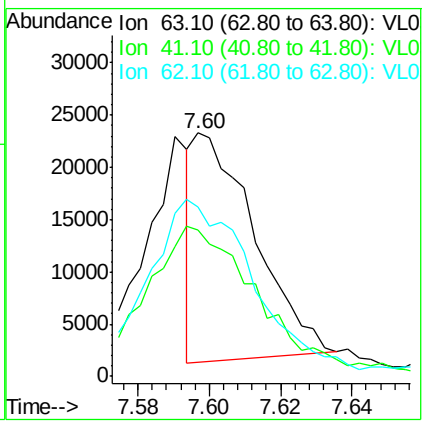


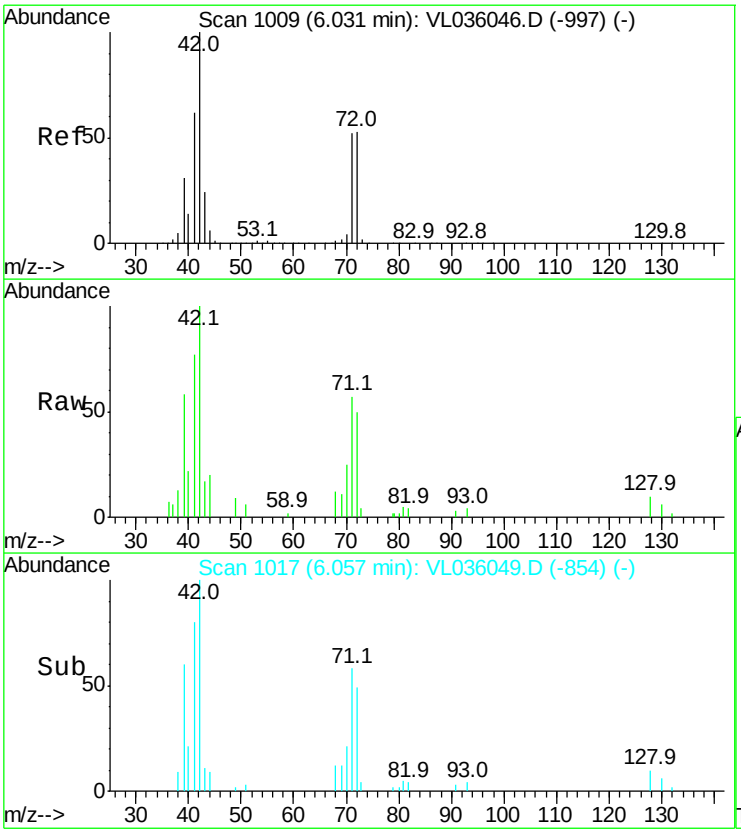
#39
1,2-Dichloropropane
Concen: 0.248 ppbv
RT: 7.60 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 63 Resp: 25672

Ion	Ratio	Lower	Upper
63	100		
41	58.8	45.4	68.0
62	68.8	55.3	82.9

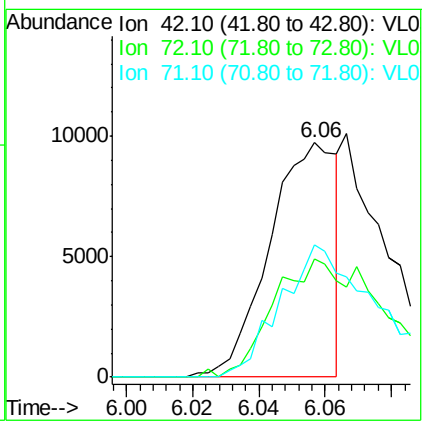


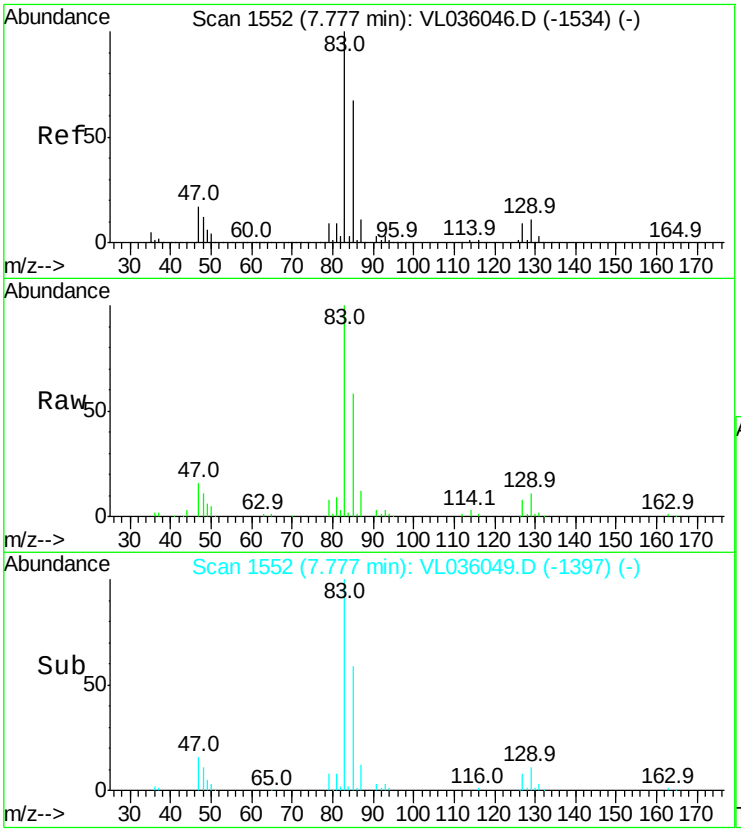


#41
Tetrahydrofuran
Concen: 0.179 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. 0.03 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 42 Resp: 13610

Ion	Ratio	Lower	Upper
42	100		
72	97.1	42.7	64.1#
71	92.6	41.0	61.4#



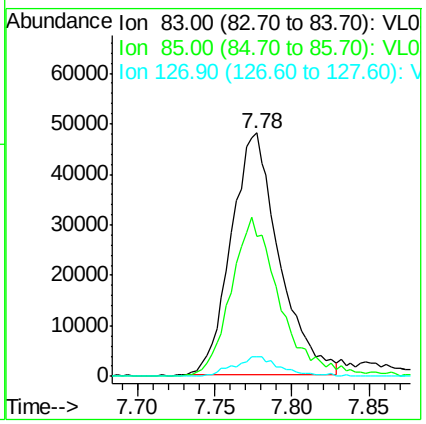


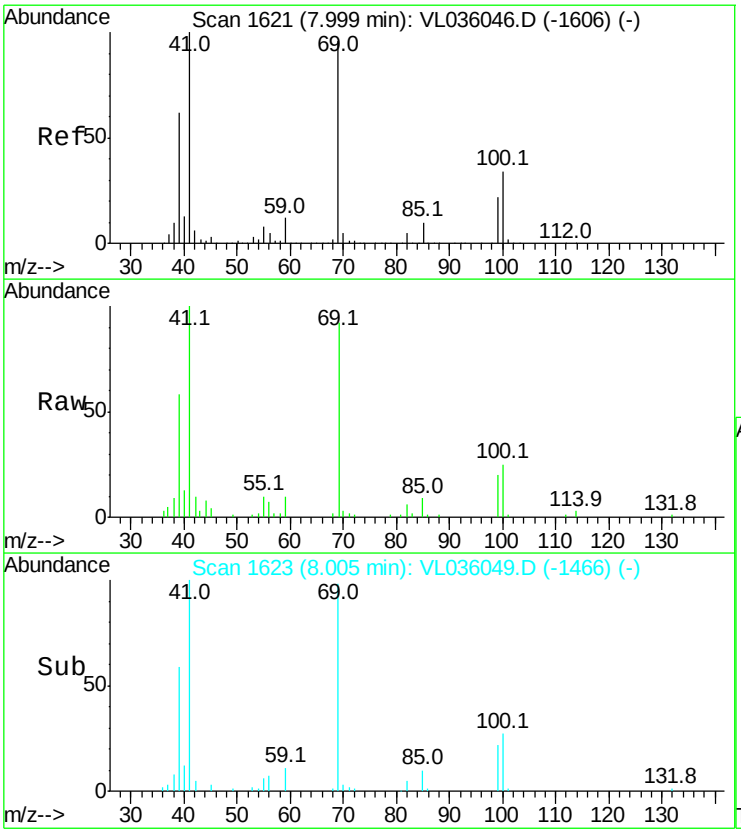
#42
Bromodichloromethane
Concen: 0.443 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 104017

Ion	Ratio	Lower	Upper
83	100		
85	57.5	53.7	80.5
127	8.3	7.0	10.6

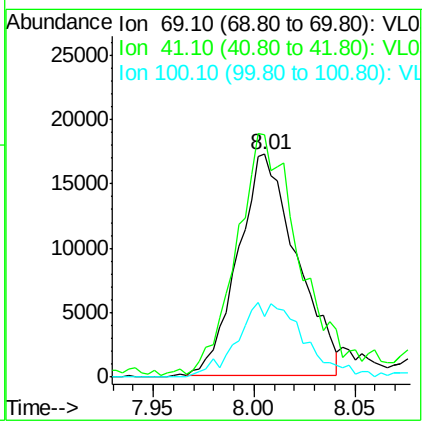


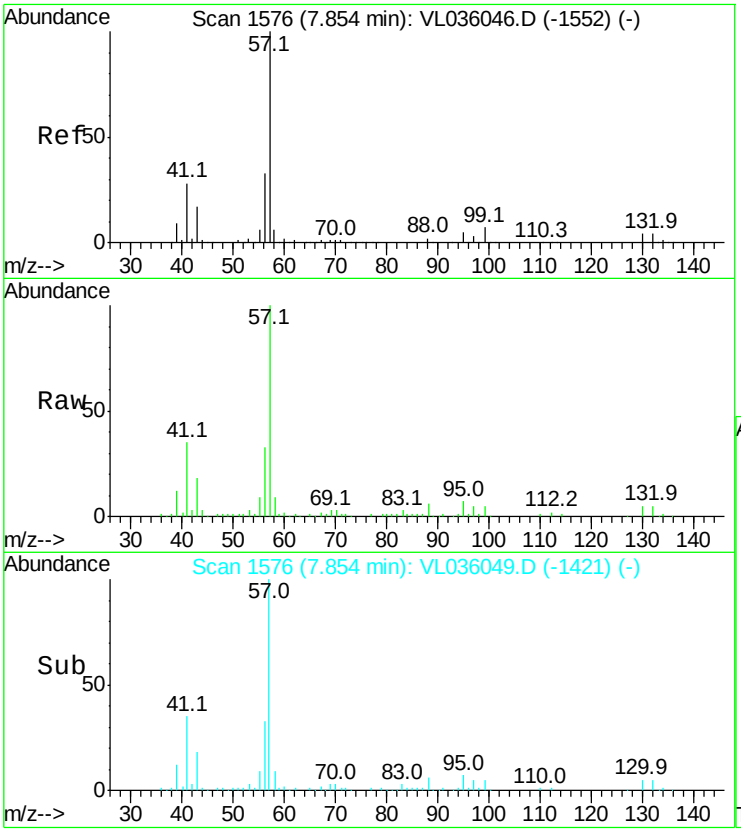


#43
Methyl Methacrylate
Concen: 0.296 ppbv
RT: 8.01 min Scan# 1623
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 69 Resp: 34711

Ion	Ratio	Lower	Upper
69	100		
41	120.4	86.5	129.7
100	38.0	29.0	43.6



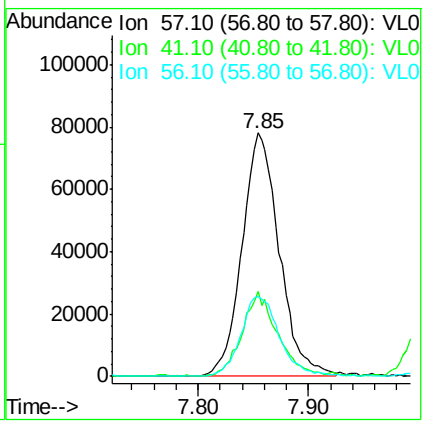


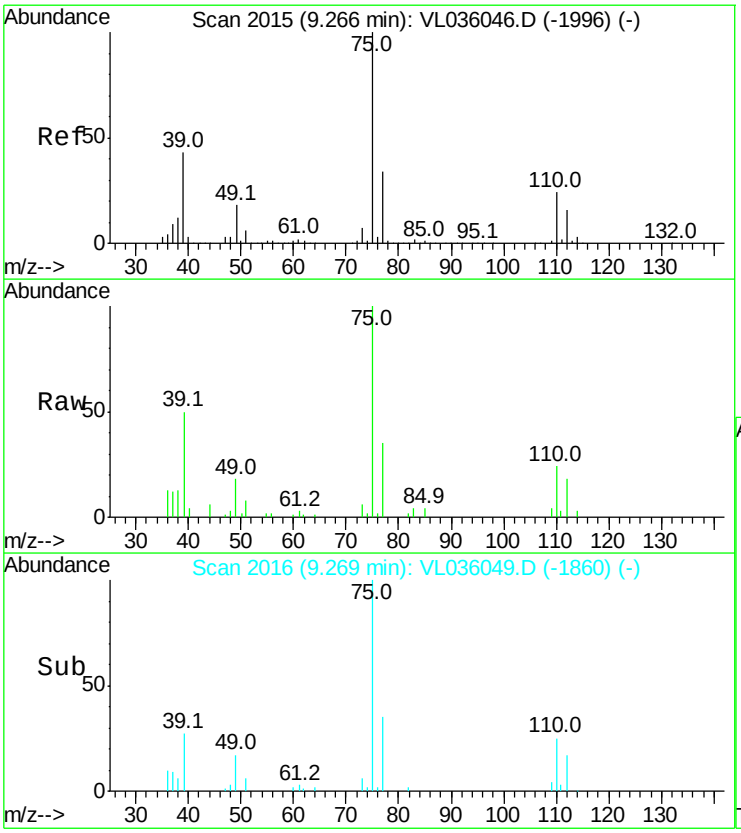
#44
2,2,4-Trimethylpentane
Concen: 0.450 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 182809

Ion	Ratio	Lower	Upper
57	100		
41	33.8	21.9	32.9#
56	34.3	25.8	38.6

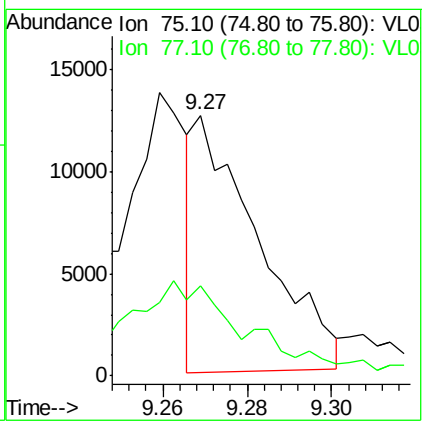


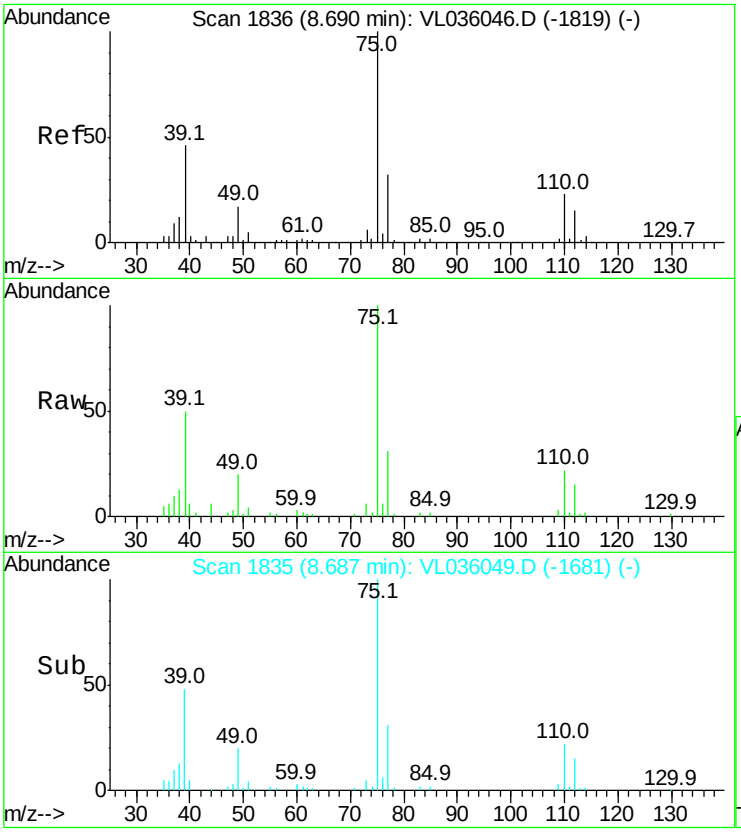


#45
t-1,3-Dichloropropene
Concen: 0.106 ppbv
RT: 9.27 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 75 Resp: 13164

Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.8	40.2



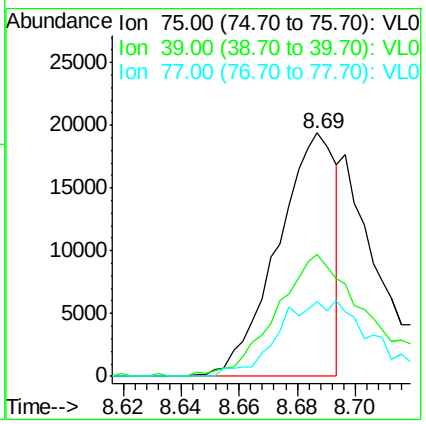


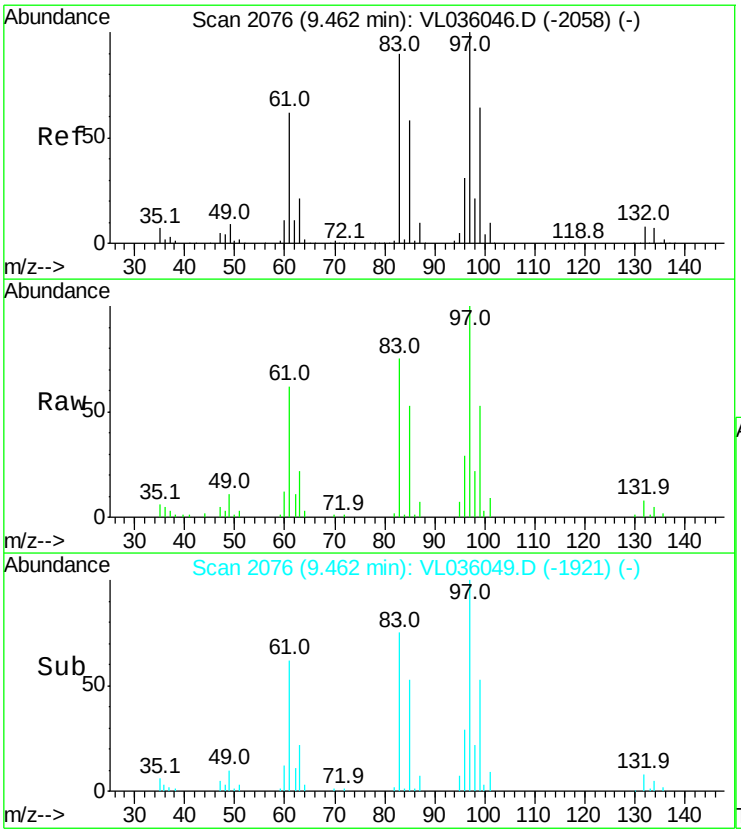
#46
cis-1,3-Dichloropropene
Concen: 0.171 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 26935

Ion	Ratio	Lower	Upper
75	100		
39	50.2	37.0	55.4
77	30.8	25.5	38.3

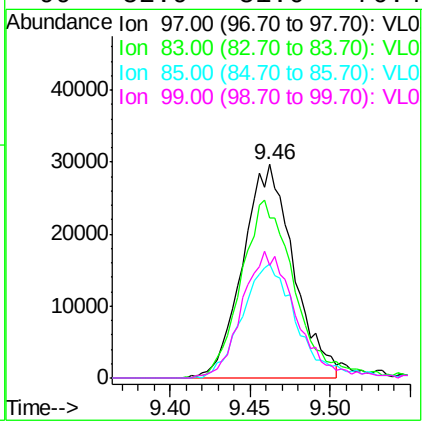


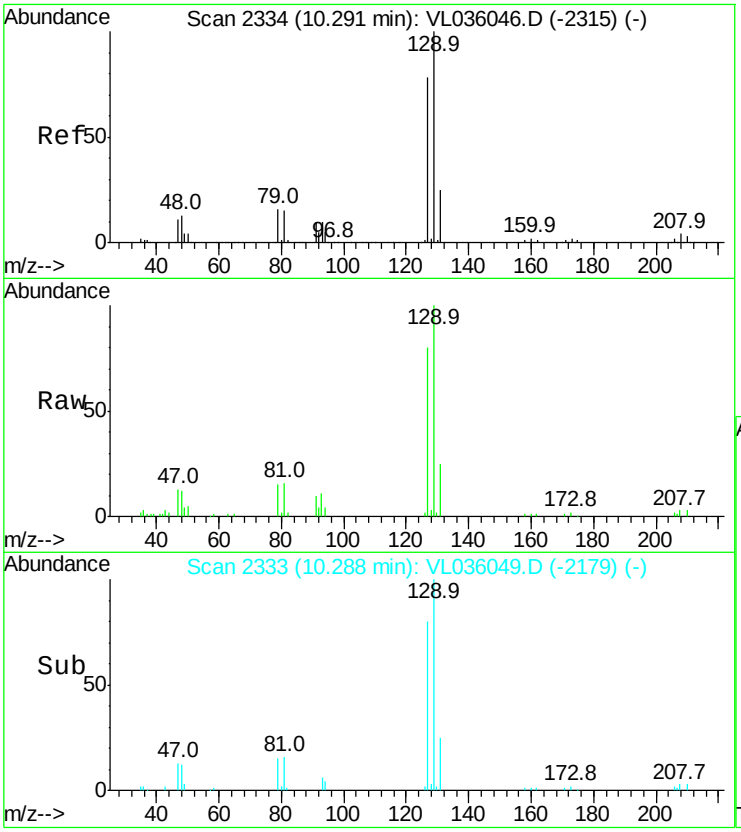


#47
1,1,2-Trichloroethane
Concen: 0.459 ppbv
RT: 9.46 min Scan# 2076
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 97 Resp: 64727

Ion	Ratio	Lower	Upper
97	100		
83	74.4	72.1	108.1
85	53.4	46.6	69.8
99	52.9	51.0	76.4



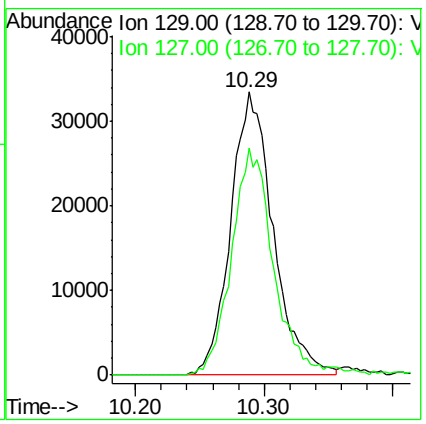


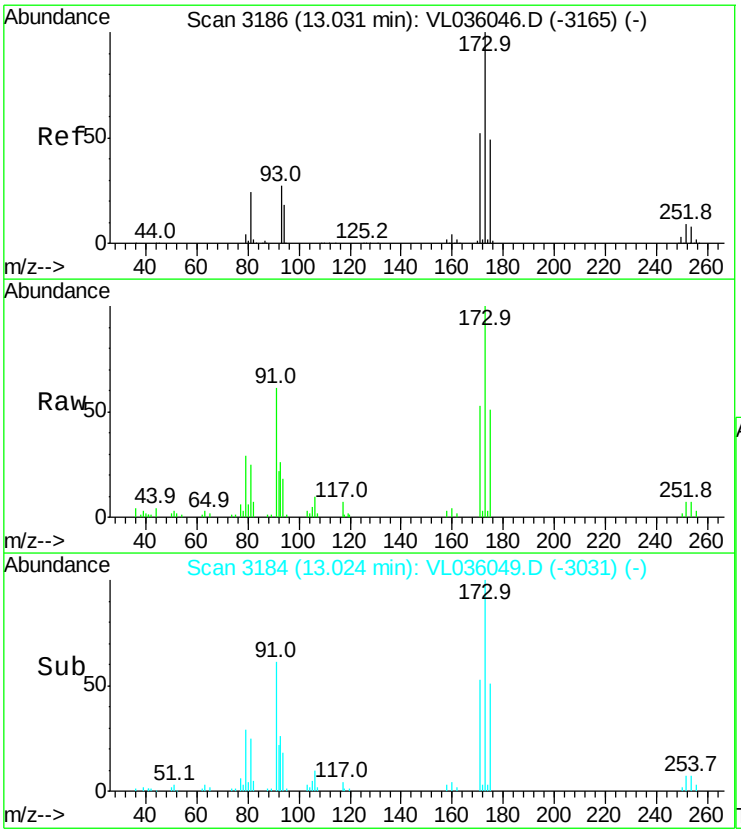
#48
Dibromochloromethane
Concen: 0.355 ppbv
RT: 10.29 min Scan# 2333
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 76539

Ion	Ratio	Lower	Upper
129	100		
127	80.8	39.4	118.2

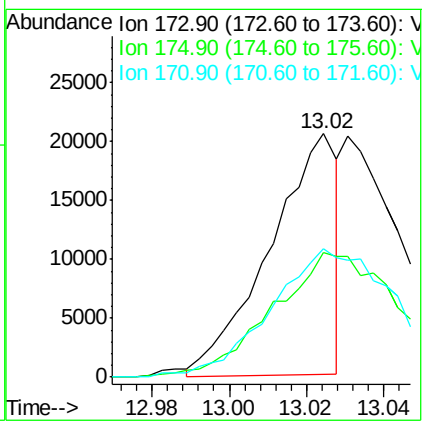


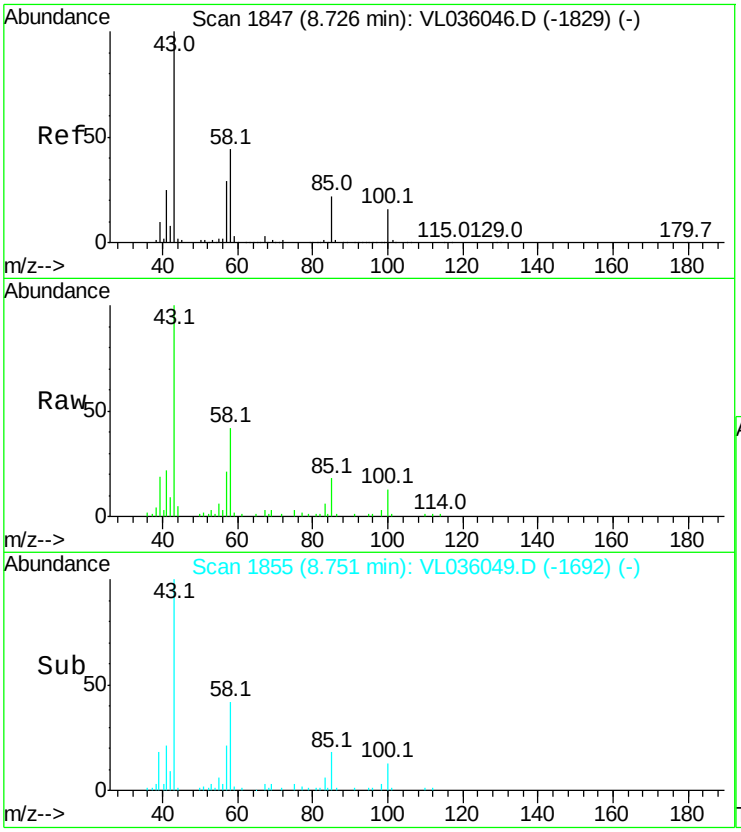


#49
Bromoform
Concen: 0.137 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:173 Resp: 24932

Ion	Ratio	Lower	Upper
173	100		
175	104.1	39.5	59.3#
171	108.9	42.6	63.8#



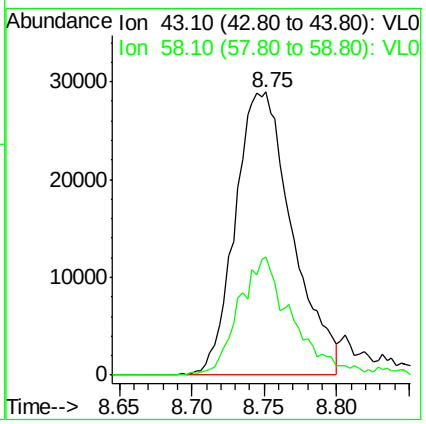


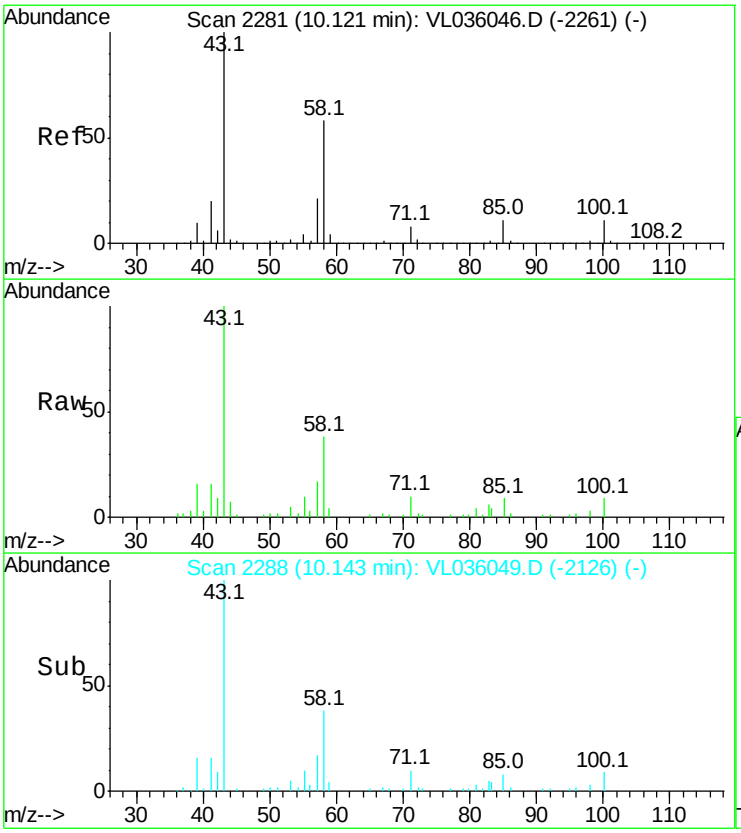
#50
4-Methyl-2-Pentanone
Concen: 0.386 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.03 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 79247

Ion	Ratio	Lower	Upper
43	100		
58	39.0	34.7	52.1

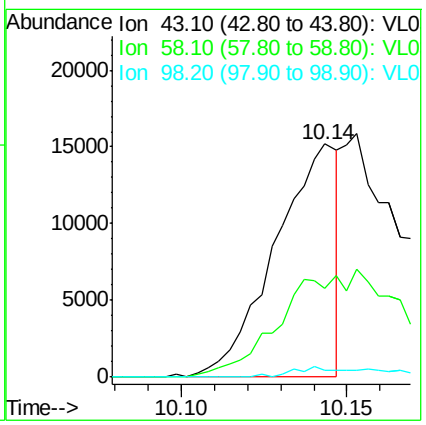


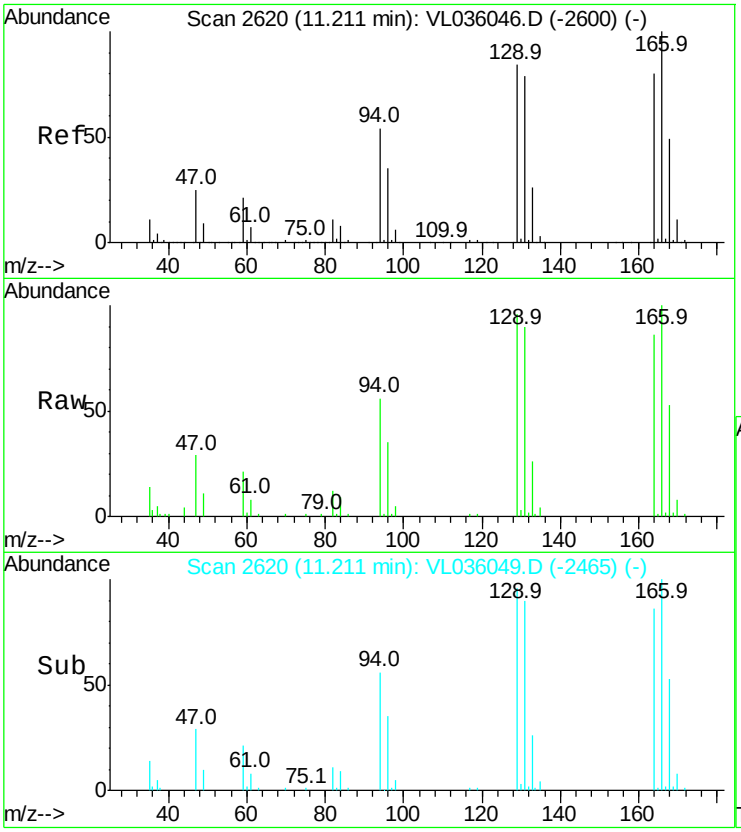


#51
2-Hexanone
Concen: 0.121 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.02 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 43 Resp: 19923

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.7	68.5#
98	7.6	0.8	1.2#



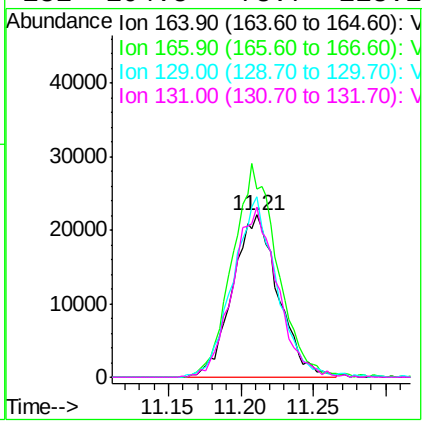


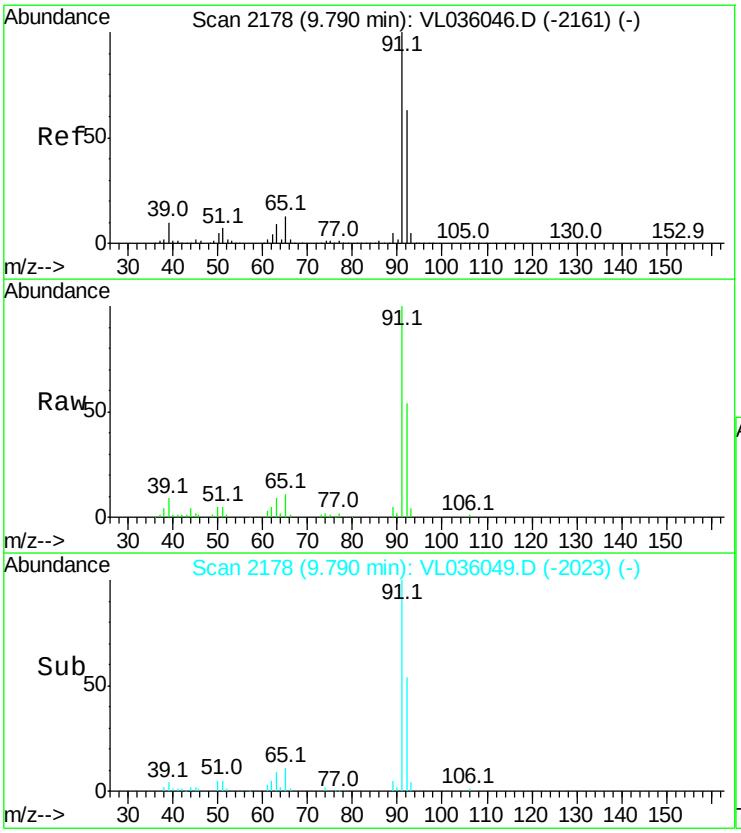
#52
Tetrachloroethene
Concen: 0.333 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:164 Resp: 48520

Ion	Ratio	Lower	Upper
164	100		
166	116.0	100.2	150.2
129	110.2	83.7	125.5
131	104.5	78.7	118.1

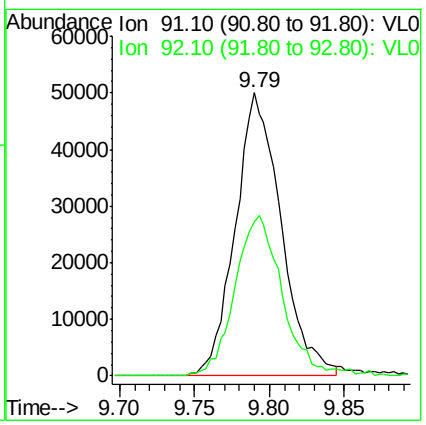


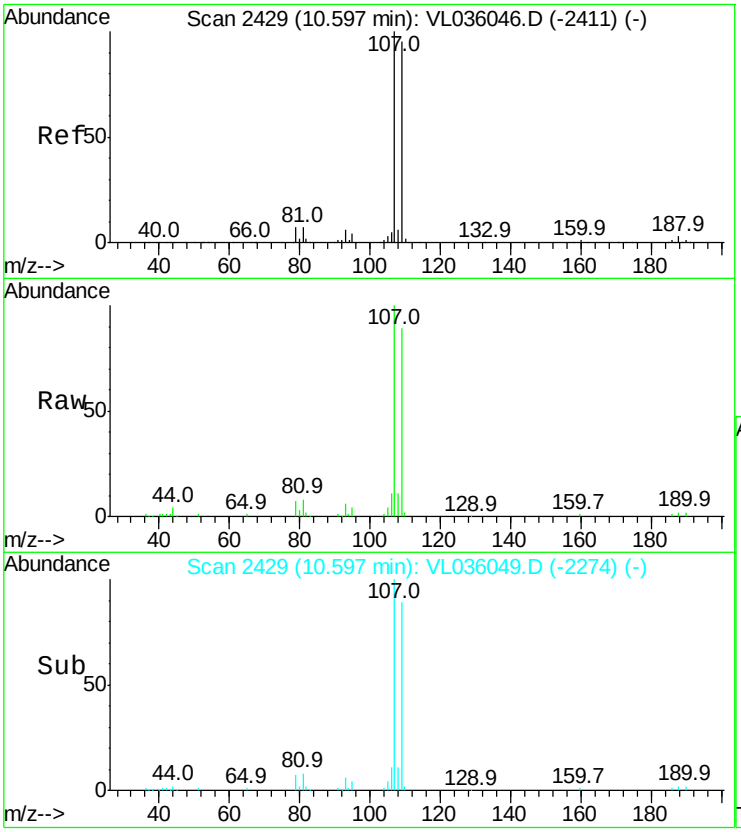


#53
Toluene
Concen: 0.287 ppbv
RT: 9.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 91 Resp: 106397

Ion	Ratio	Lower	Upper
91	100		
92	59.2	49.3	73.9



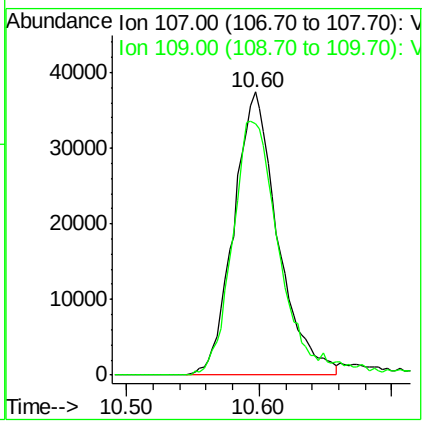


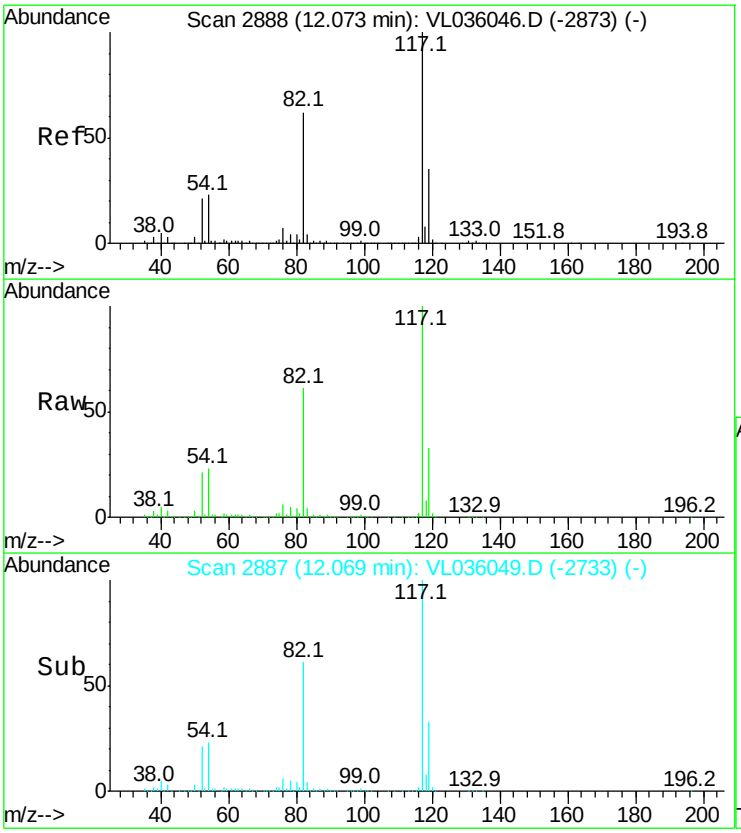
#54
1,2-Dibromoethane
Concen: 0.403 ppbv
RT: 10.60 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:107 Resp: 86358

Ion	Ratio	Lower	Upper
107	100		
109	89.0	75.7	113.5

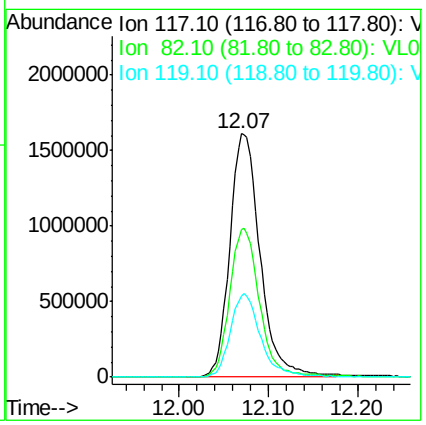


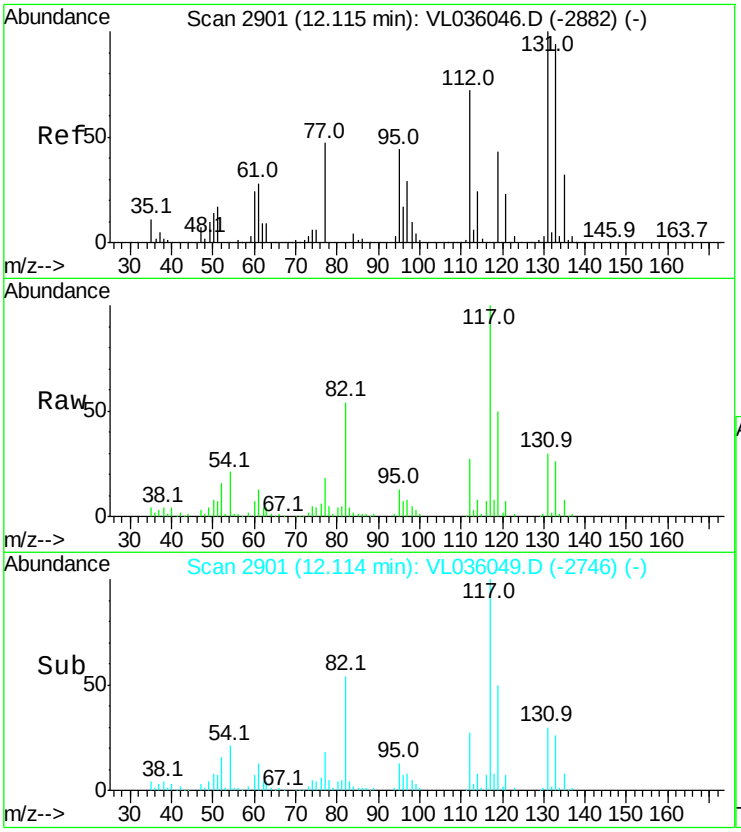


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:117 Resp: 3796657

Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.9	74.9
119	34.9	28.7	43.1



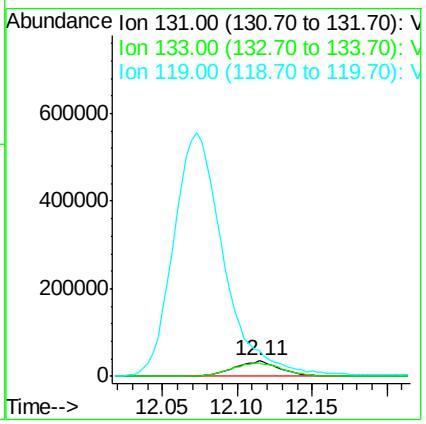


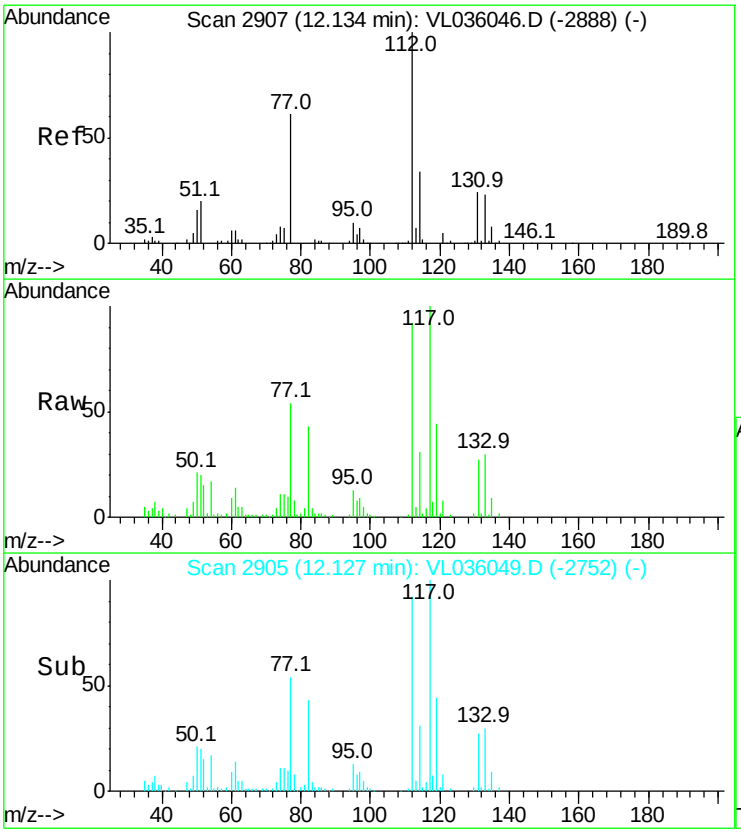
#56
1,1,1,2-Tetrachloroethane
Concen: 0.438 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:131 Resp: 74583

Ion	Ratio	Lower	Upper
131	100		
133	97.7	76.1	114.1
119	1773.2	49.5	74.3#

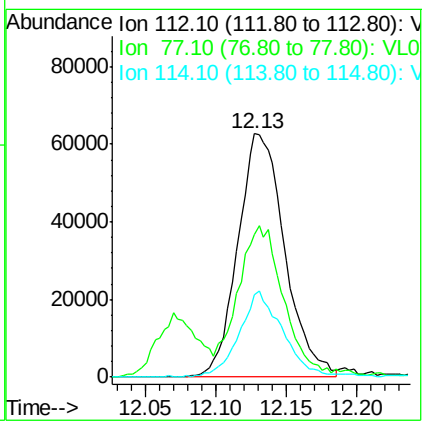


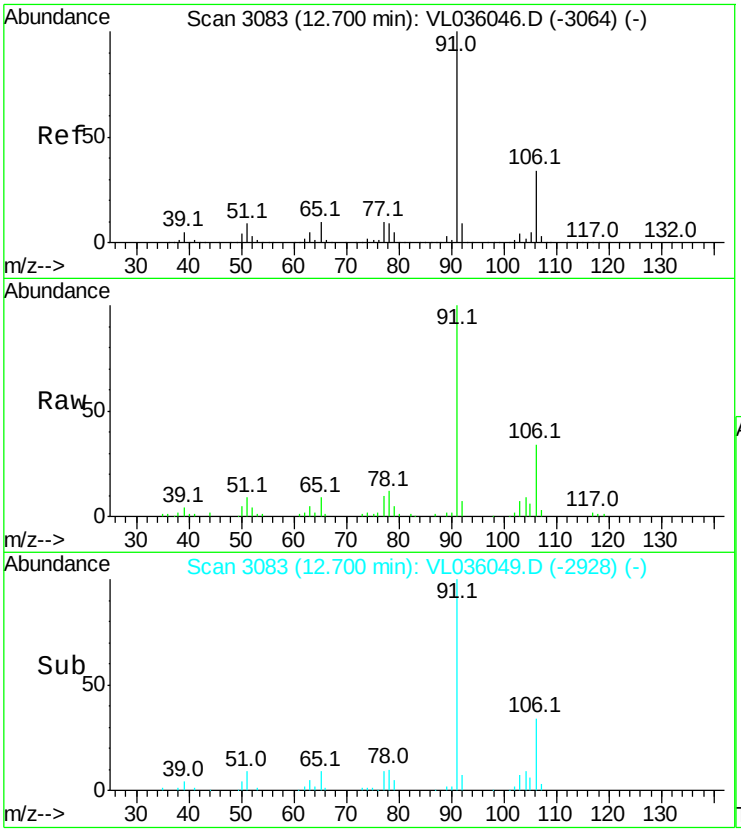


#57
Chlorobenzene
Concen: 0.484 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:112 Resp: 146126

Ion	Ratio	Lower	Upper
112	100		
77	55.3	49.3	73.9
114	33.2	30.2	36.9



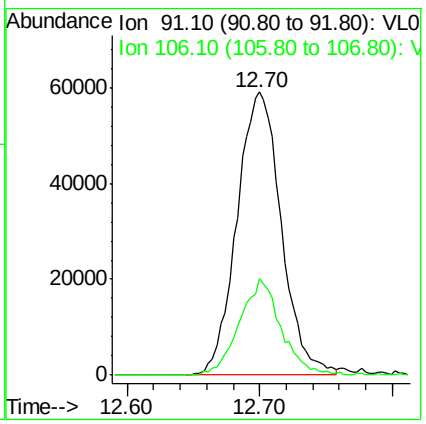


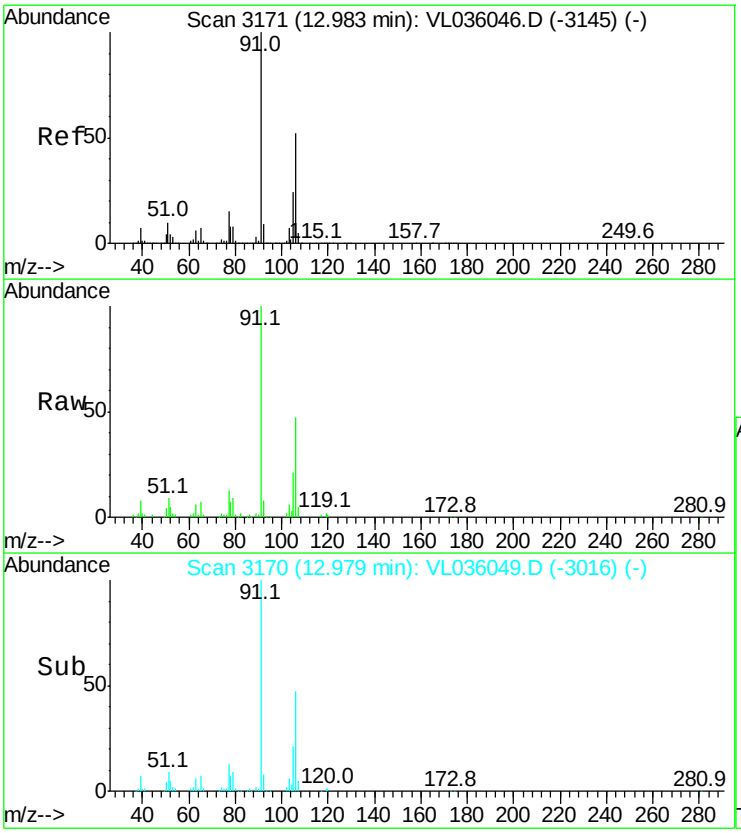
#58
Ethyl Benzene
Concen: 0.296 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 136943

Ion	Ratio	Lower	Upper
91	100		
106	34.0	27.4	41.2

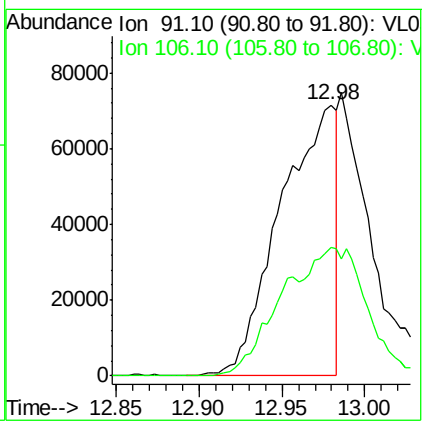


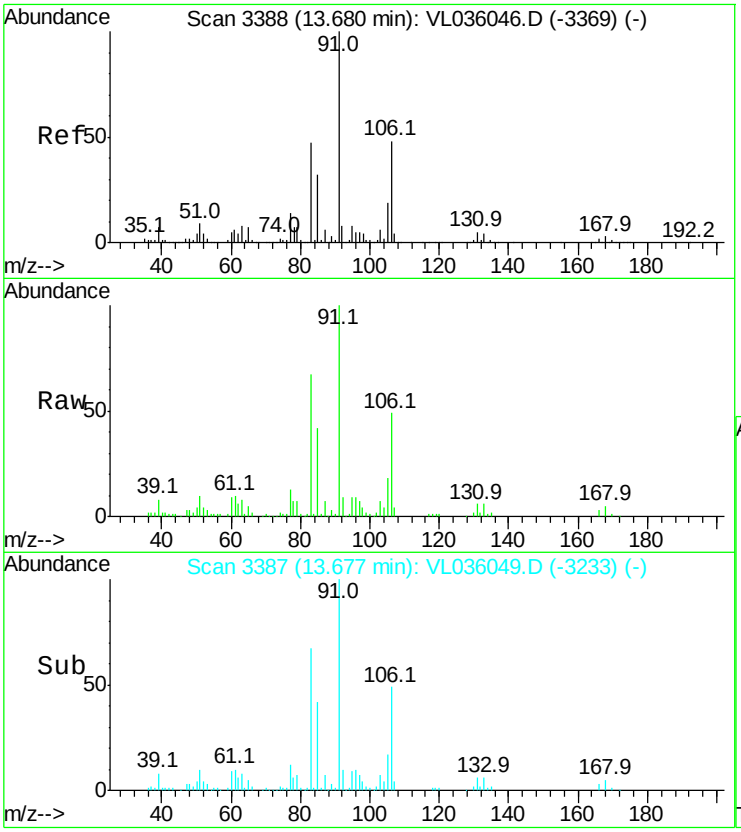


#59
m/p-Xylene
Concen: 0.427 ppbv
RT: 12.98 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 91 Resp: 166914

Ion	Ratio	Lower	Upper
91	100		
106	73.0	38.7	58.1#



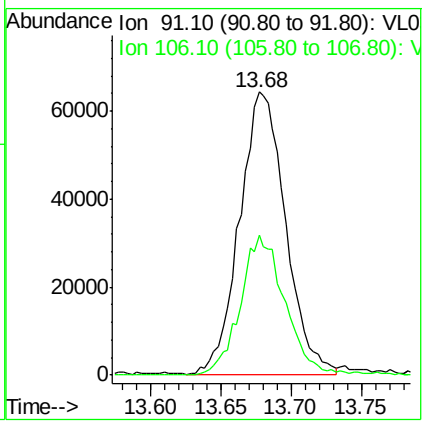


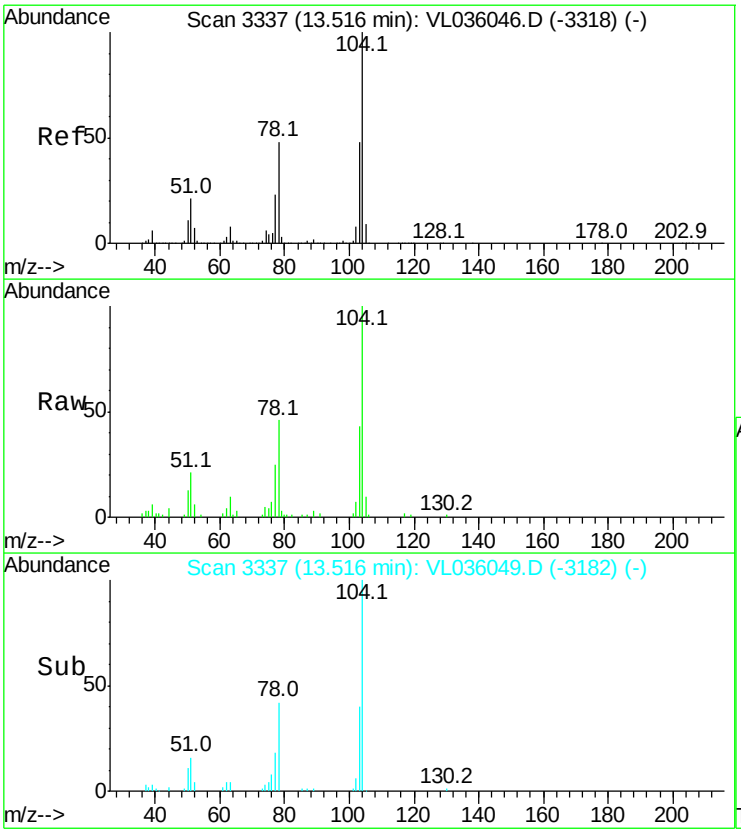
#60
o-Xylene
Concen: 0.387 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 147423

Ion	Ratio	Lower	Upper
91	100		
106	48.1	24.1	72.3

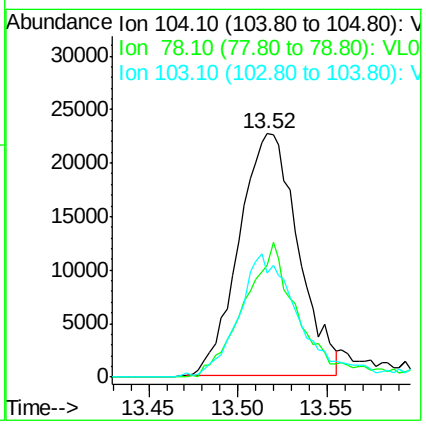


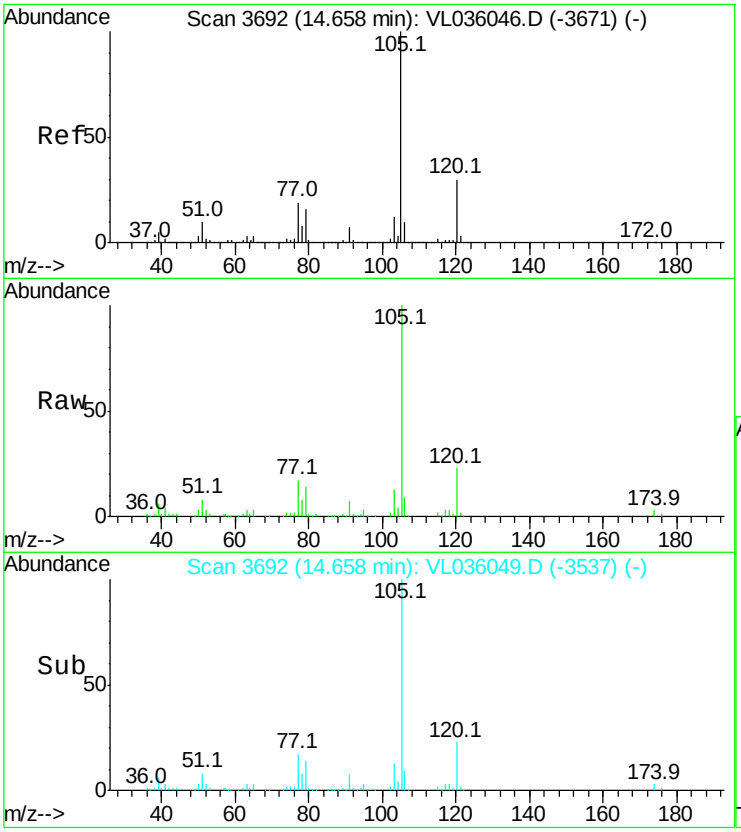


#61
Styrene
Concen: 0.186 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:104 Resp: 52001

Ion	Ratio	Lower	Upper
104	100		
78	51.9	38.0	57.0
103	54.4	37.7	56.5



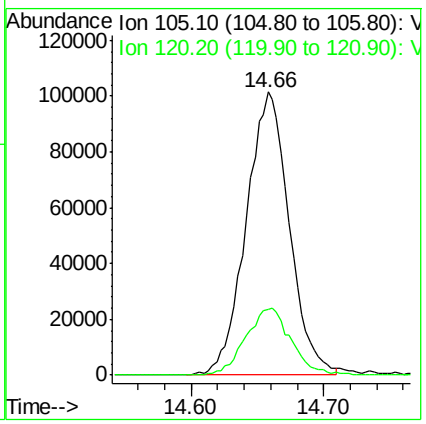


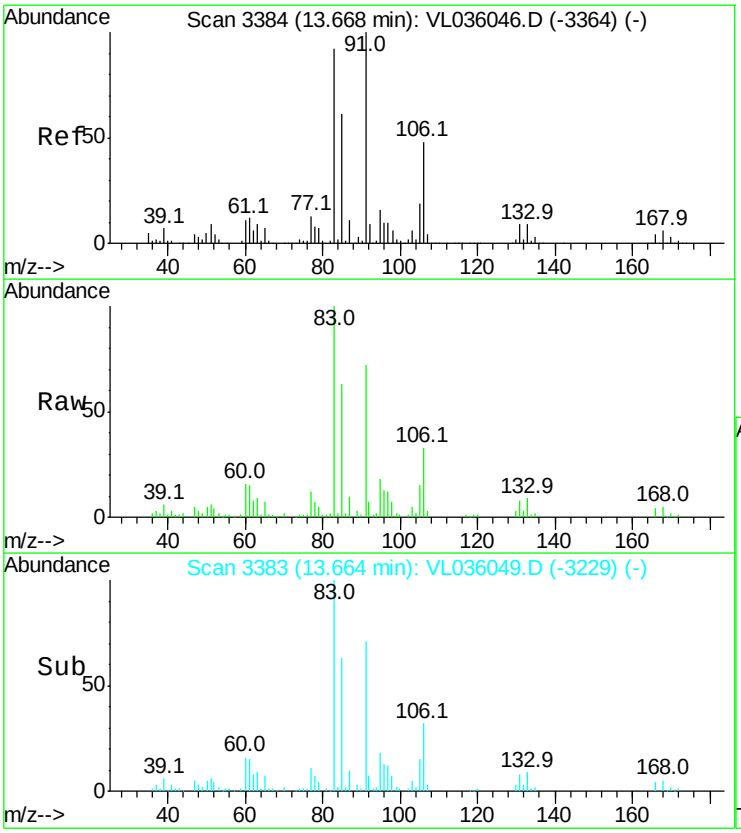
#62
Isopropylbenzene
Concen: 0.384 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 229423

Ion	Ratio	Lower	Upper
105	100		
120	25.0	22.6	34.0

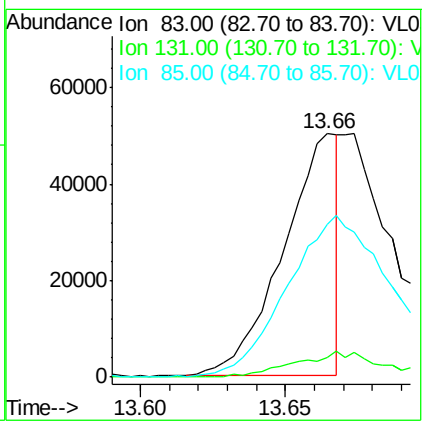


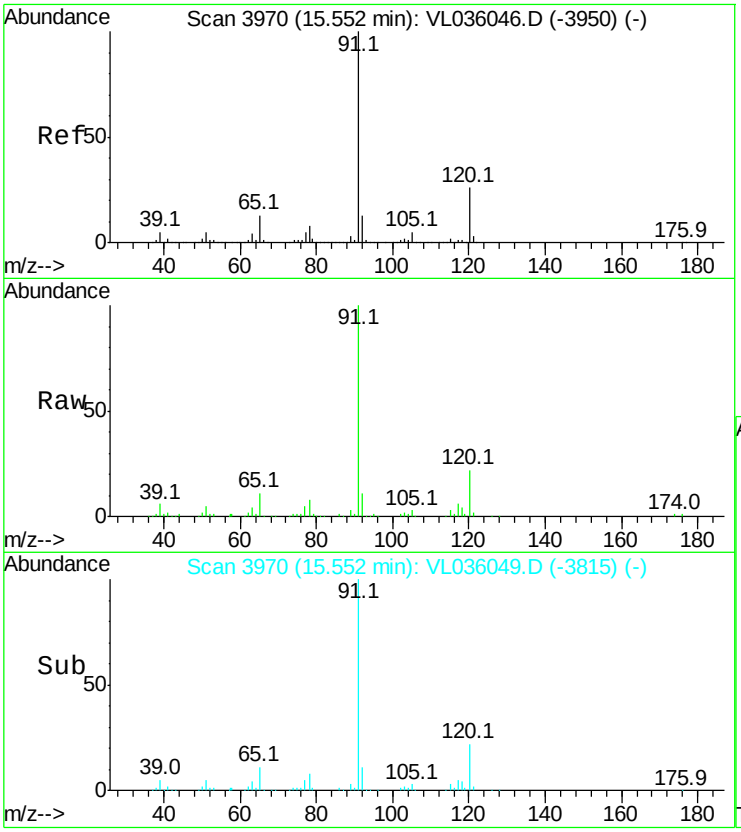


#63
1,1,2,2-Tetrachloroethane
Concen: 0.222 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 83 Resp: 65474

Ion	Ratio	Lower	Upper
83	100		
131	18.0	4.8	14.4#
85	144.9	33.3	99.9#



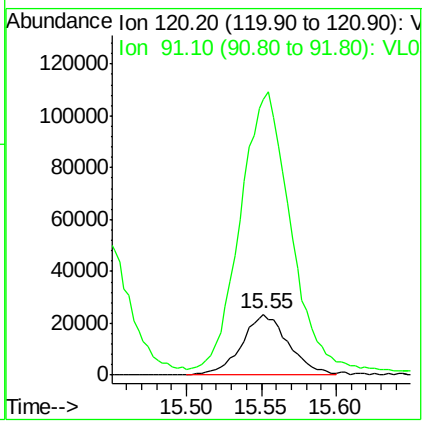


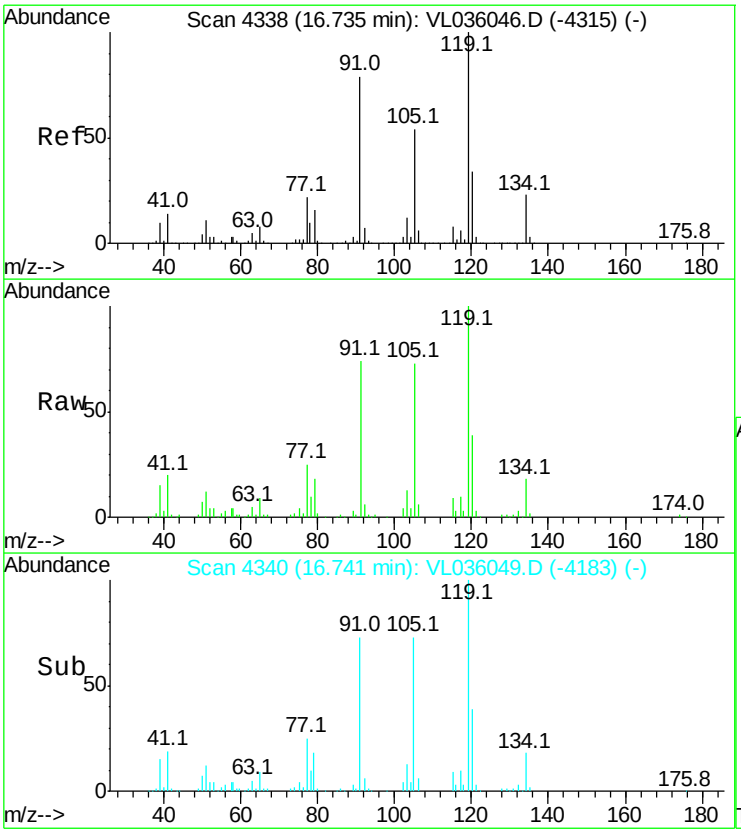
#64
n-propylbenzene
Concen: 0.295 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 51089

Ion	Ratio	Lower	Upper
120	100		
91	523.2	331.4	497.2#

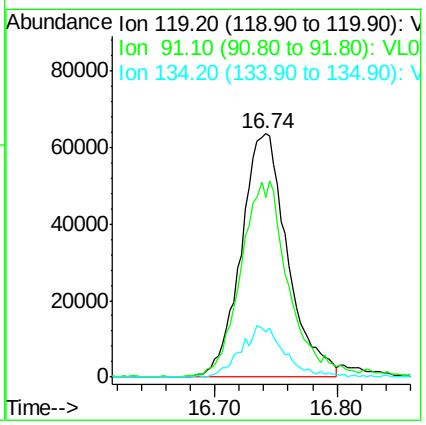


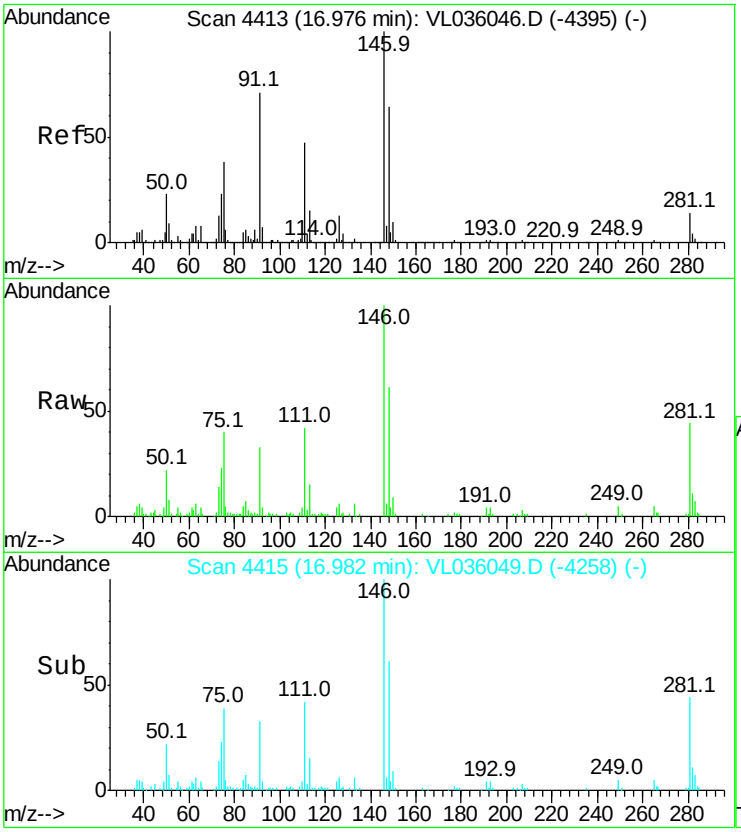


#65
tert-Butylbenzene
Concen: 0.307 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:119 Resp: 167170

Ion	Ratio	Lower	Upper
119	100		
91	85.2	63.4	95.2
134	19.8	17.1	25.7



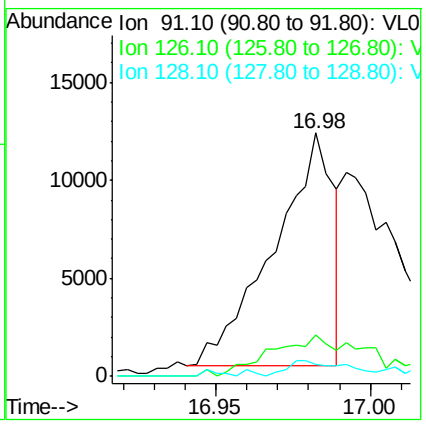


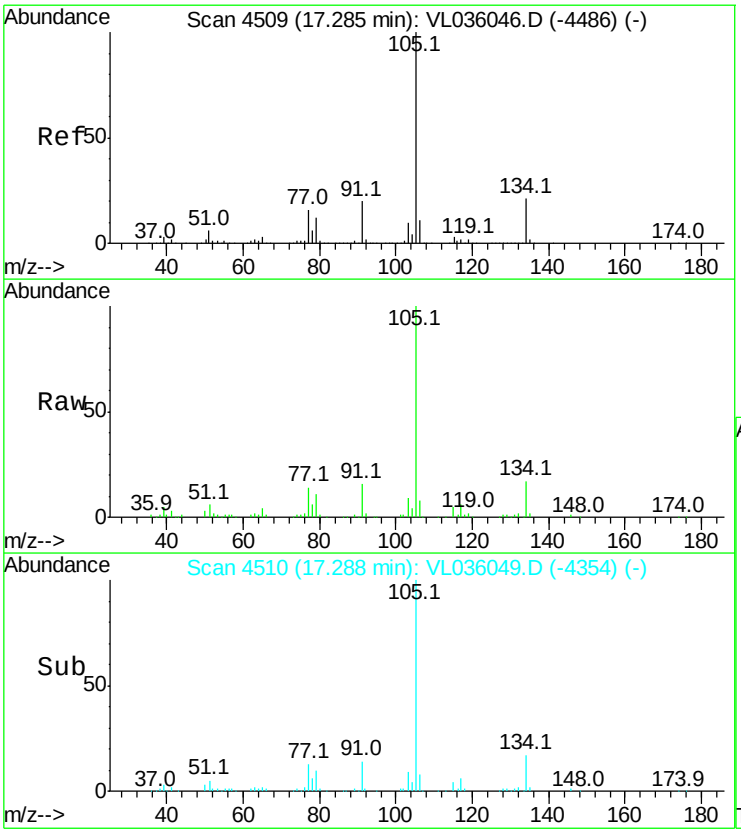
#66
Benzyl Chloride
Concen: 0.089 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 15995

Ion	Ratio	Lower	Upper
91	100		
126	35.5	14.3	21.5#
128	9.2	4.7	7.1#

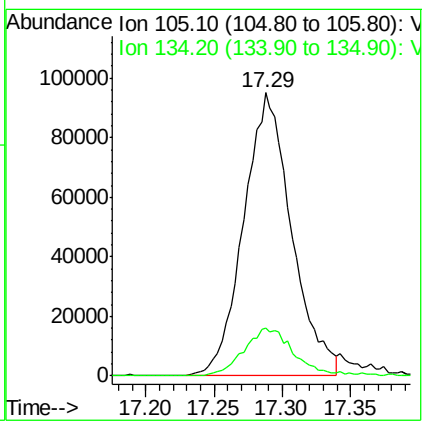


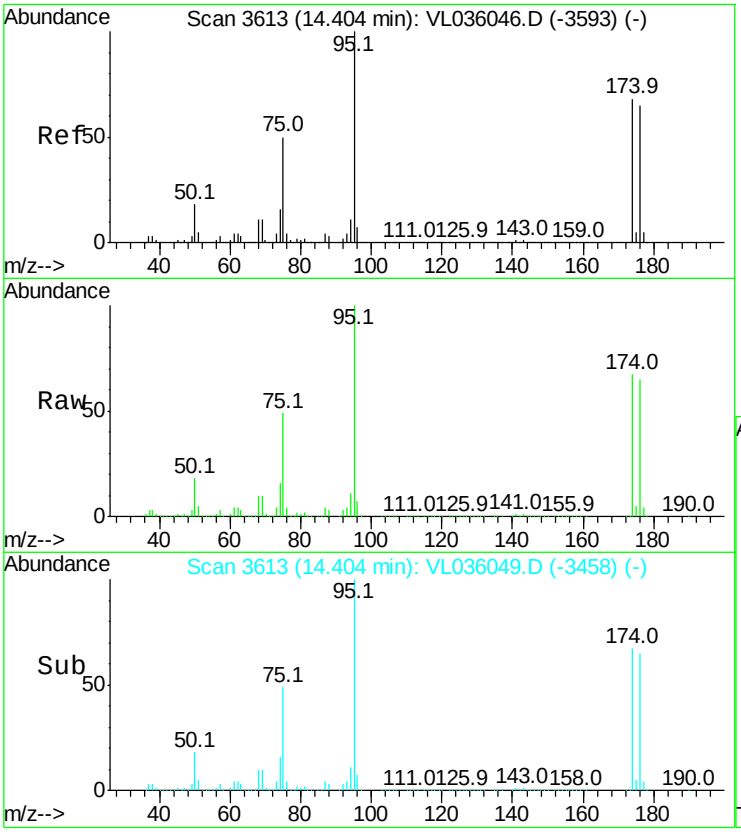


#67
sec-Butylbenzene
Concen: 0.315 ppbv
RT: 17.29 min Scan# 4510
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:105 Resp: 230847

Ion	Ratio	Lower	Upper
105	100		
134	17.9	15.8	23.8



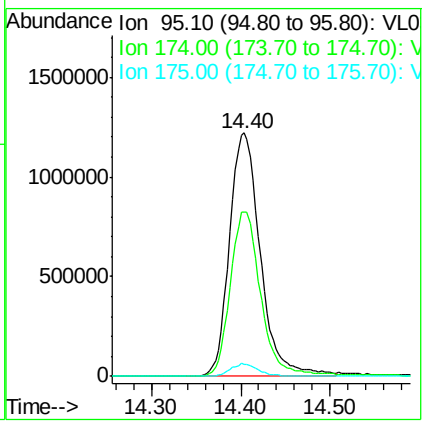


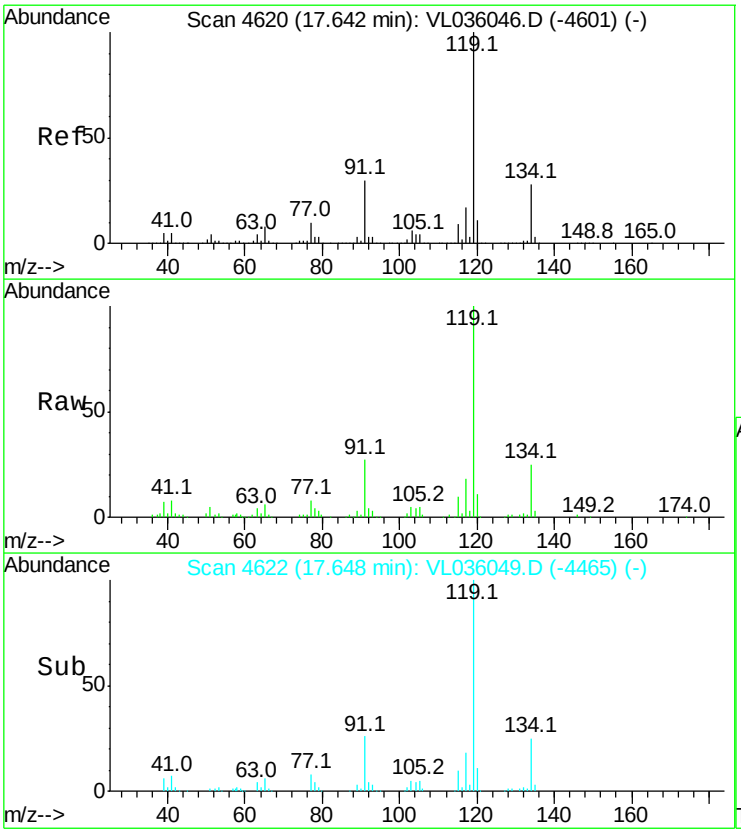
#68
1-Bromo-4-Fluorobenzene
Concen: 10.878 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 95 Resp: 2934208

Ion	Ratio	Lower	Upper
95	100		
174	68.2	54.2	81.2
175	4.9	3.8	5.8

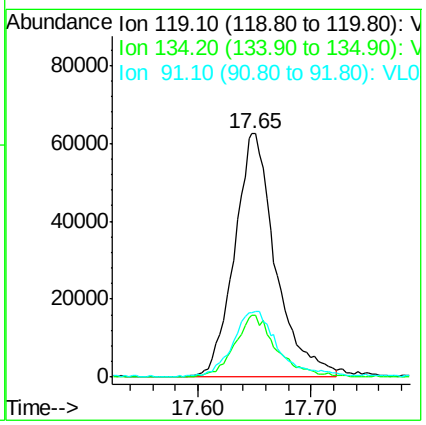


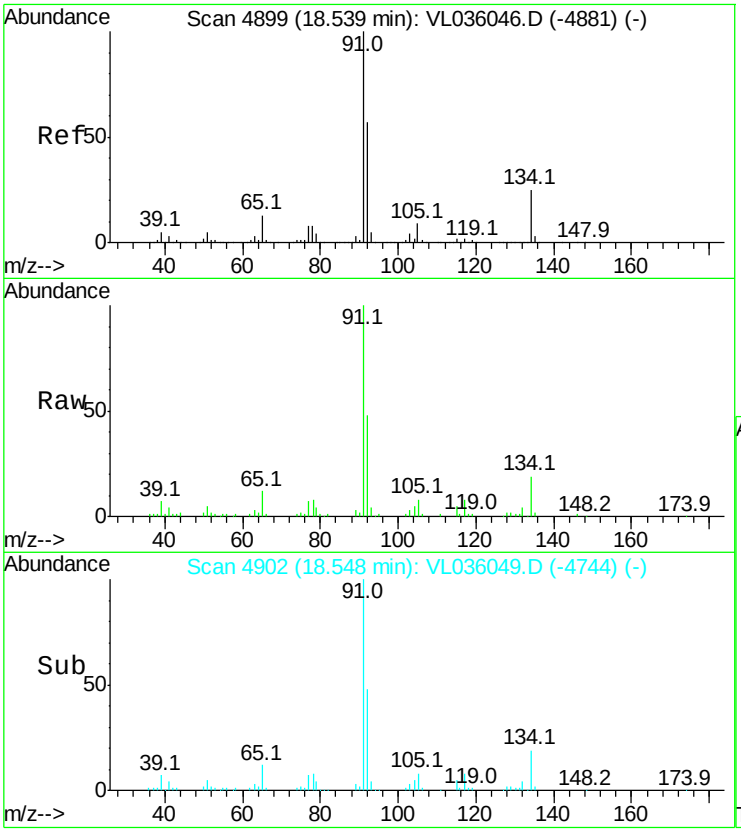


#69
p-Isopropyltoluene
Concen: 0.261 ppbv
RT: 17.65 min Scan# 4622
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:119 Resp: 158068

Ion	Ratio	Lower	Upper
119	100		
134	26.2	22.2	33.2
91	31.1	23.2	34.8



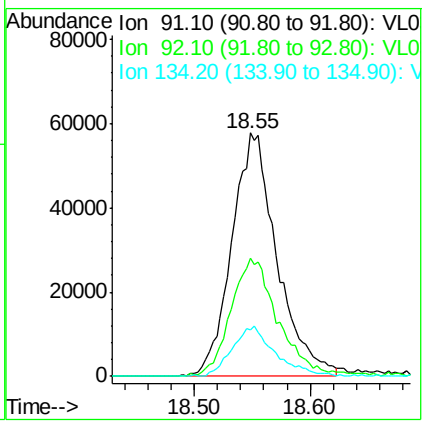


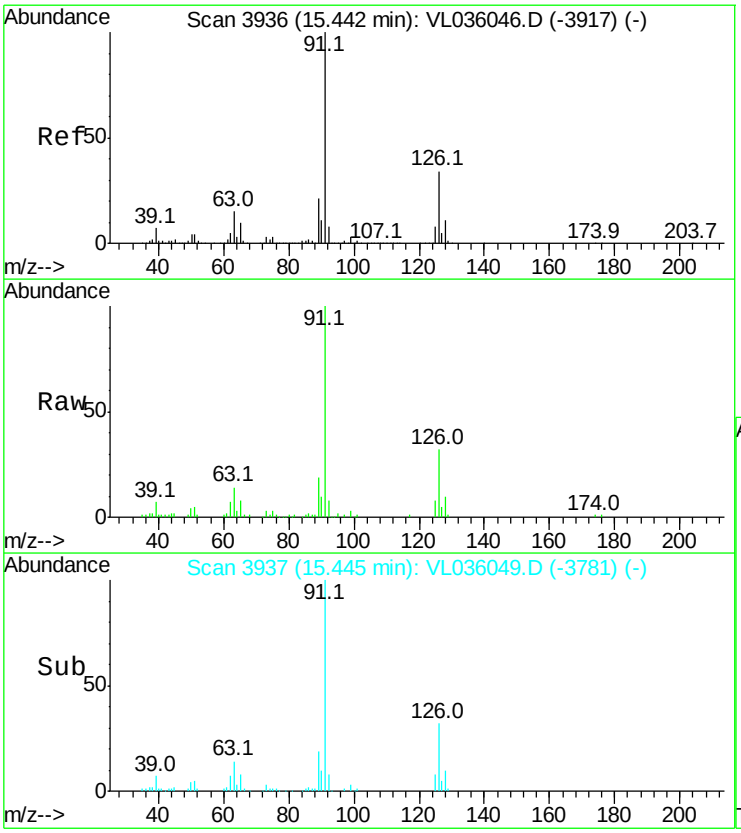
#70
n-Butylbenzene
Concen: 0.265 ppbv
RT: 18.55 min Scan# 4902
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 154604

Ion	Ratio	Lower	Upper
91	100		
92	51.6	45.2	67.8
134	20.1	19.2	28.8

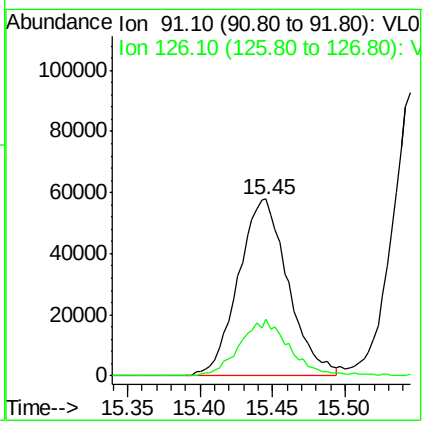


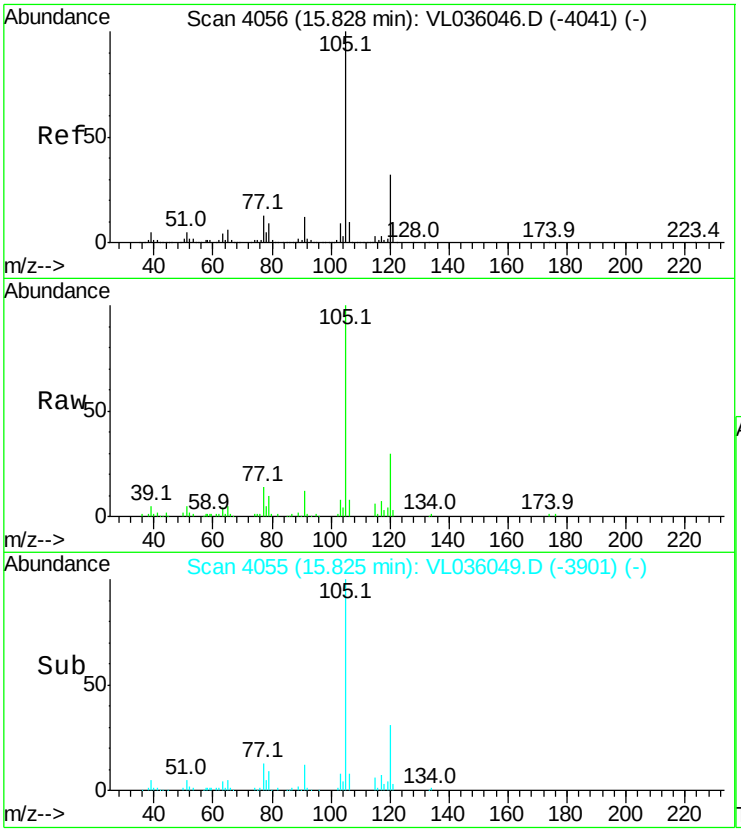


#71
2-Chlorotoluene
Concen: 0.316 ppbv
RT: 15.45 min Scan# 3937
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion: 91 Resp: 138049

Ion	Ratio	Lower	Upper
91	100		
126	32.1	13.2	53.0



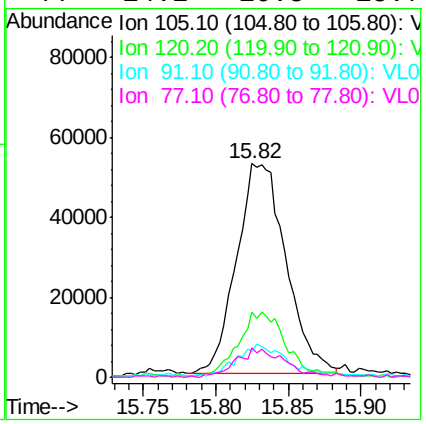


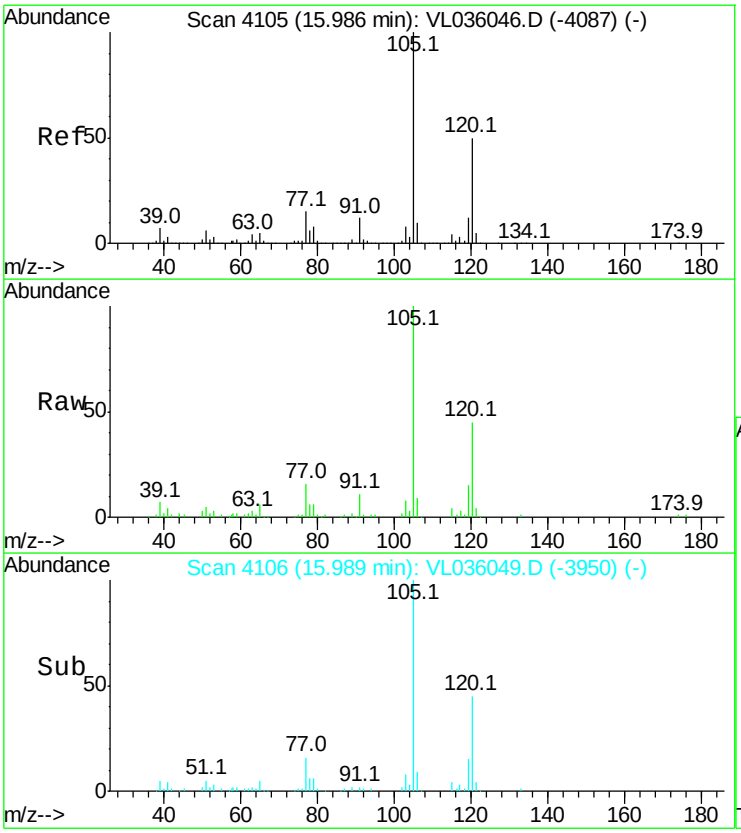
#72
4-Ethyltoluene
Concen: 0.268 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 123763

Ion	Ratio	Lower	Upper
105	100		
120	31.3	25.3	37.9
91	16.2	10.1	15.1#
77	14.2	10.5	15.7

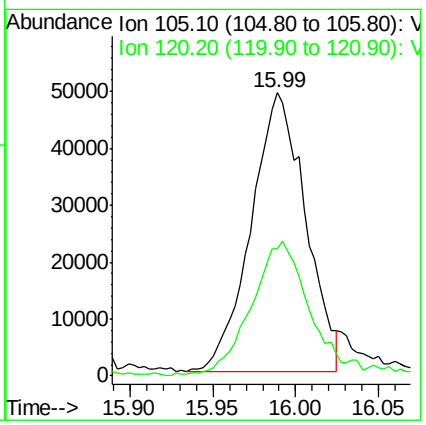


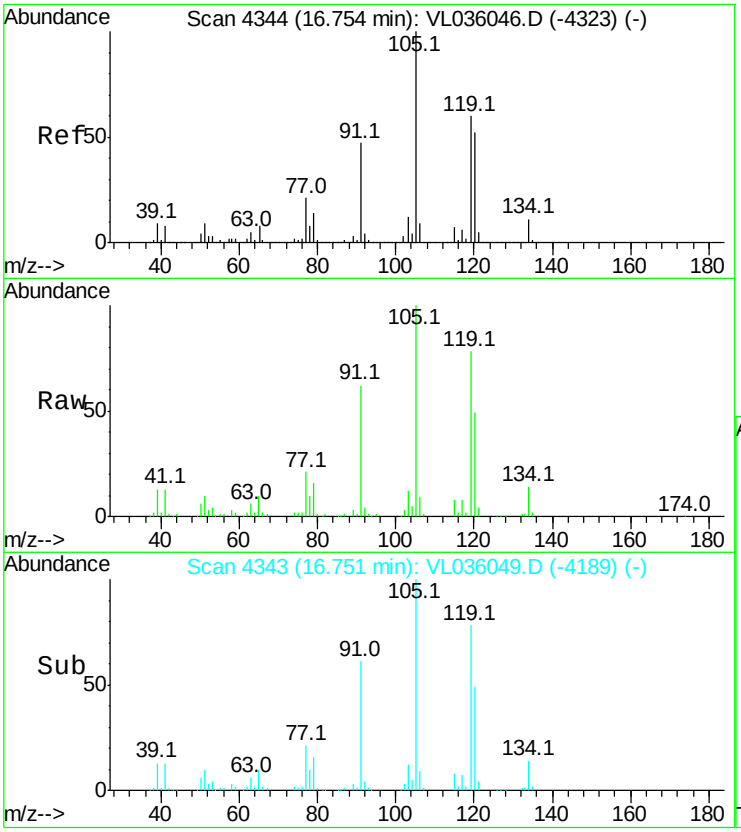


#73
1,3,5-Trimethylbenzene
Concen: 0.265 ppbv
RT: 15.99 min Scan# 4106
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:105 Resp: 112015

Ion	Ratio	Lower	Upper
105	100		
120	45.1	39.8	59.8



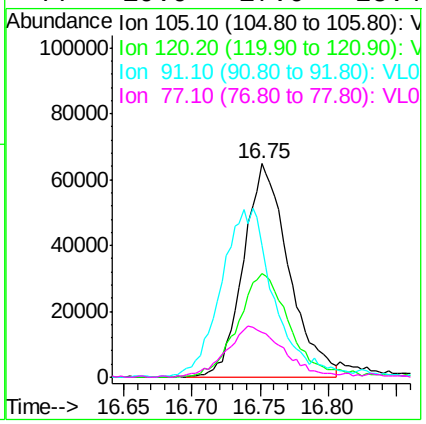


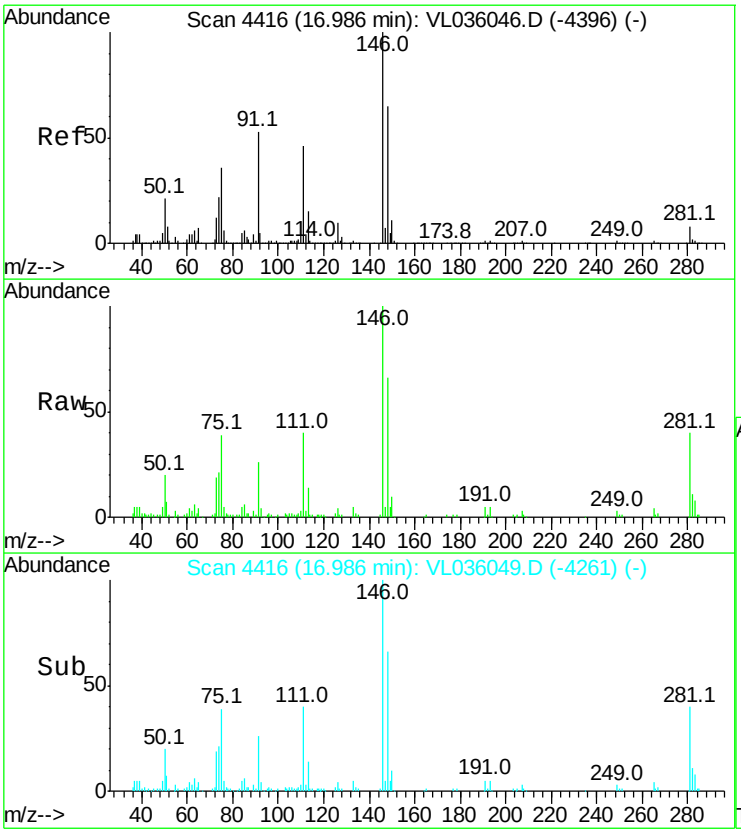
#74
1,2,4-Trimethylbenzene
Concen: 0.331 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 149885

Ion	Ratio	Lower	Upper
105	100		
120	48.1	41.5	62.3
91	58.1	38.1	57.1#
77	19.9	17.0	25.4

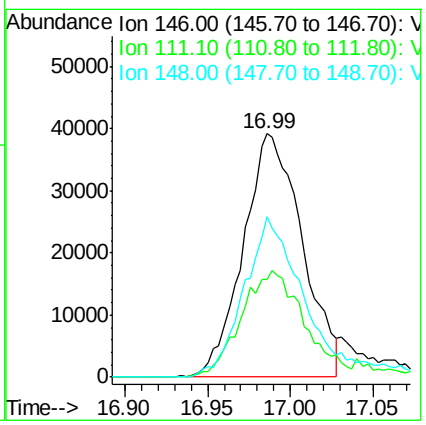


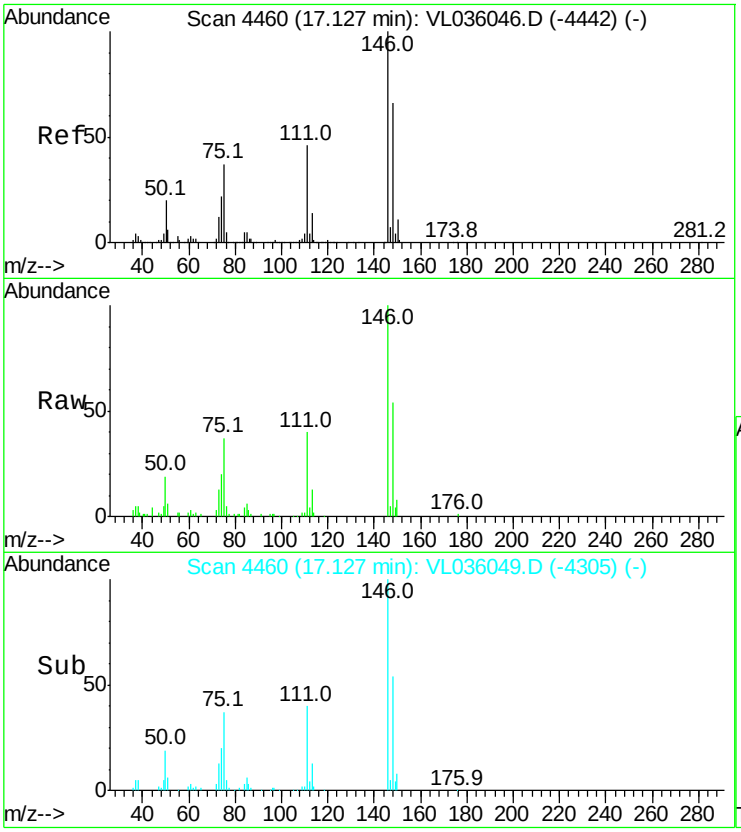


#75
1,3-Dichlorobenzene
Concen: 0.336 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:146 Resp: 96921

Ion	Ratio	Lower	Upper
146	100		
111	49.6	22.9	68.7
148	68.7	32.4	97.0



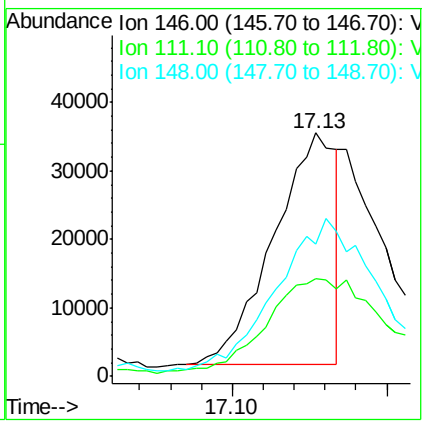


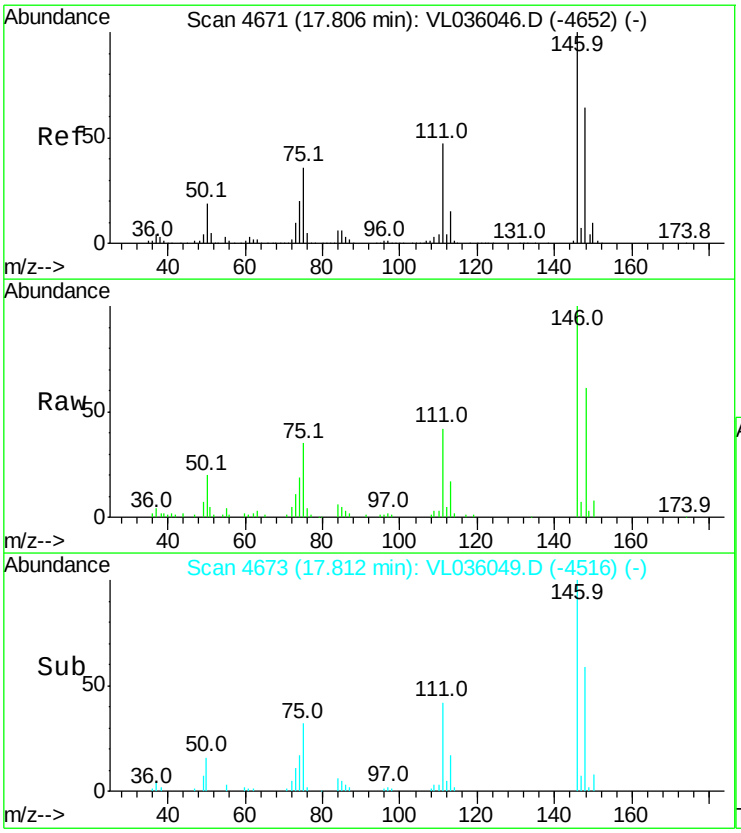
#76
1,4-Dichlorobenzene
Concen: 0.171 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 47546

Ion	Ratio	Lower	Upper
146	100		
111	87.8	22.4	67.2#
148	125.7	33.0	98.9#

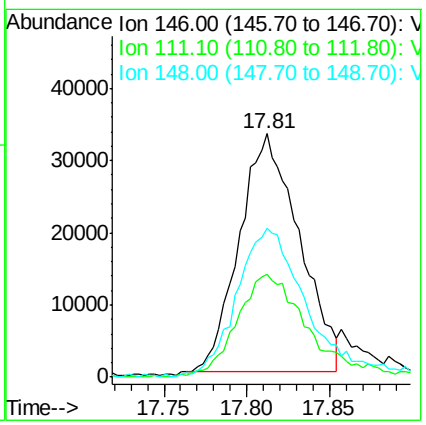


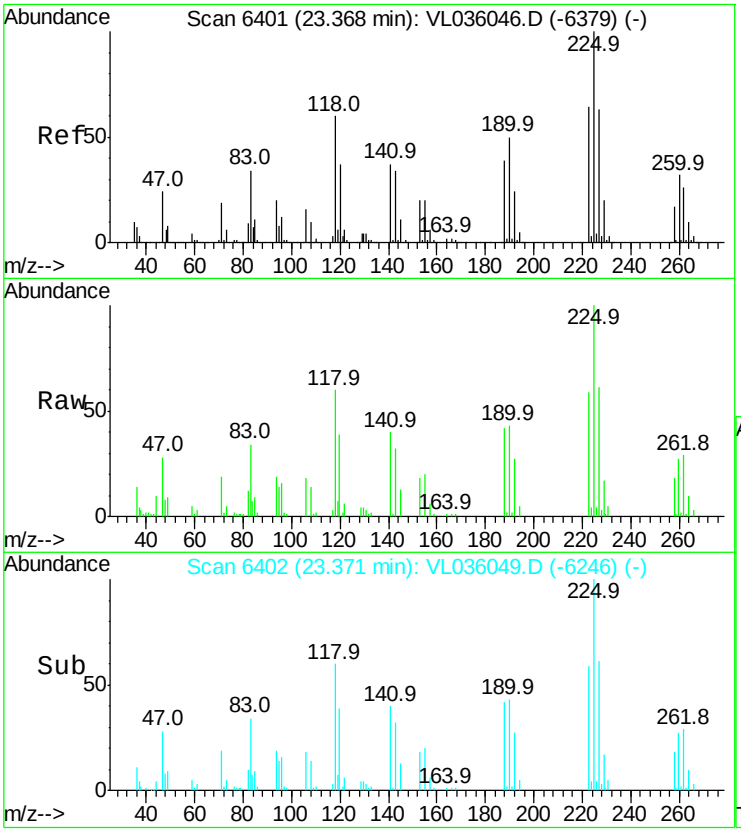


#77
1,2-Dichlorobenzene
Concen: 0.297 ppbv
RT: 17.81 min Scan# 4673
Delta R.T. 0.01 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:146 Resp: 83399

Ion	Ratio	Lower	Upper
146	100		
111	52.4	23.5	70.6
148	74.1	32.5	97.5



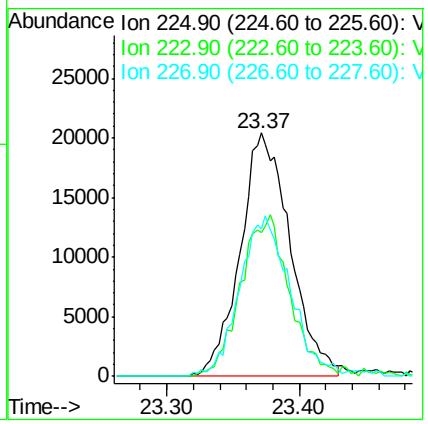


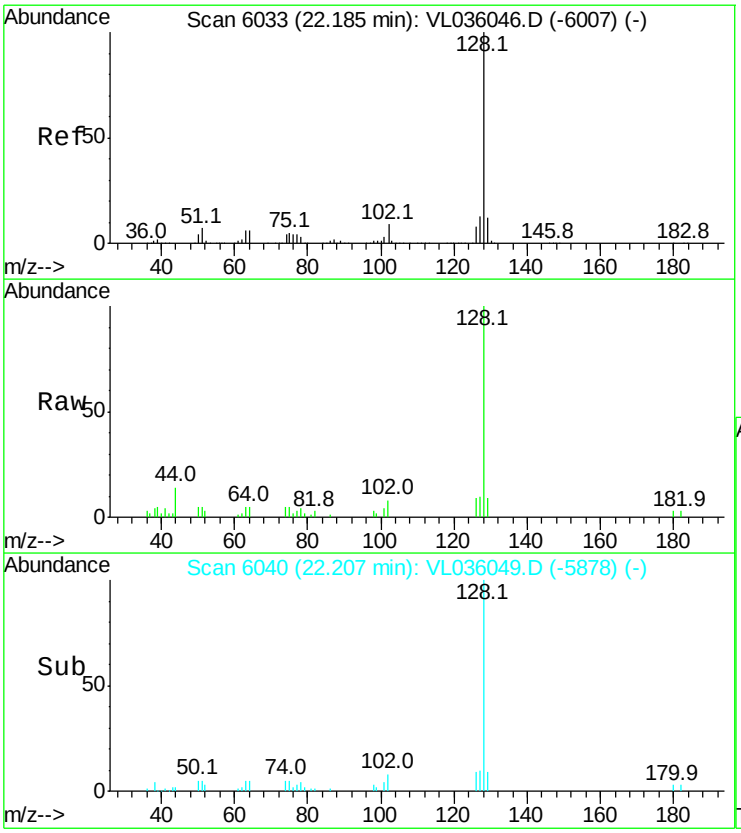
#78
Hexachloro-1,3-Butadiene
Concen: 0.409 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:225 Resp: 53624

Ion	Ratio	Lower	Upper
225	100		
223	66.8	51.0	76.4
227	67.5	51.2	76.8

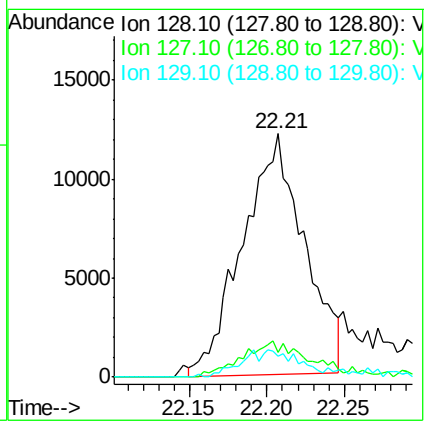


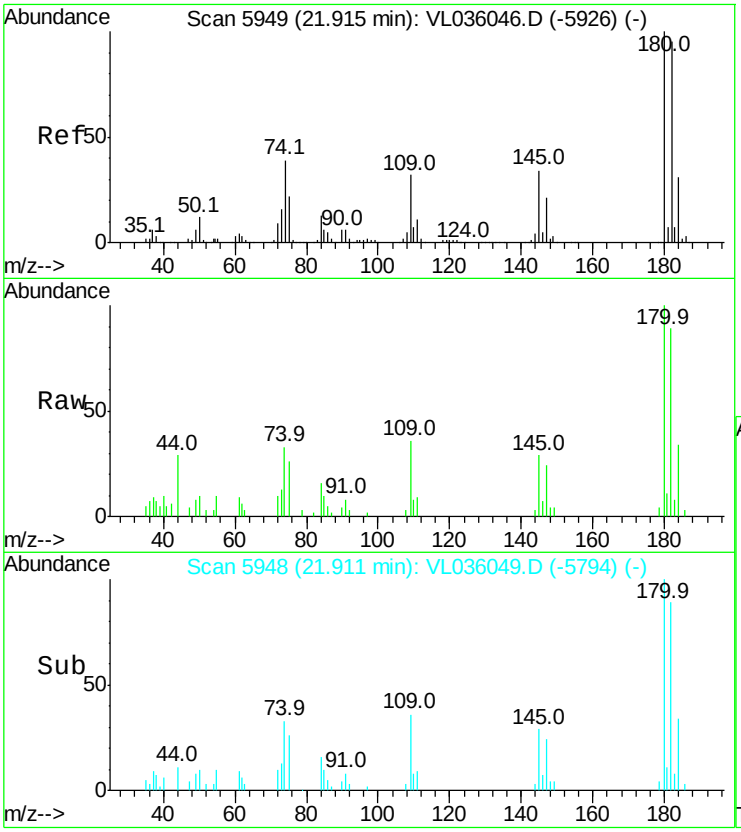


#79
Naphthalene
Concen: 0.107 ppbv
RT: 22.21 min Scan# 6040
Delta R.T. 0.02 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Tgt Ion:128 Resp: 33822

Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.3	15.5
129	8.9	9.3	13.9#





#81
1,2,4-Trichlorobenzene
Concen: 0.047 ppbv
RT: 21.91 min Scan# 5948
Delta R.T. -0.00 min
Lab File: VL036049.D
Acq: 3 Dec 2020 11:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 8281

Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.5	117.7#
184	0.0	25.0	37.6#