Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013020\

Quantitation Report (Not Reviewed)

Data File : VL034569.D
Acq On : 30 Jan 2020 12:46
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jan 30 14:49:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 14:46:59 2020
QLast Update : Thu Jan 30 14:46:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1195124	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2440116	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2500075	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	2054966	9.85	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	568014	3.014	ppbv		98
3) Chlorodifluoromethane	2.95	51	307240	2.158	ppbv		99
4) Chloromethane	3.10	50	191089	2.259	ppbv		96
5) Vinyl Chloride	3.22	62	175531	2.119	ppbv		96
6) Bromomethane	3.44	94	91019	2.208	ppbv	#	80
7) Chloroethane	3.53	64	65835	2.281	ppbv	#	83
8) Dichlorotetrafluoroethane	3.15	85	446482	2.362	ppbv		98
9) Propene	2.97	41	121300	2.210	ppbv		100
10) Heptane	8.13	43	301220	2.125	ppbv		100
11) Trichlorofluoromethane	3.92	101	515117	2.362	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	327828	2.363	ppbv		99
13) Ethanol	3.57	45	35991	2.363	ppbv		96
14) Bromoethene	3.71	108	129090	2.301	ppbv		99
15) Acetone	3.82	43	386245	2.214	ppbv		98
16) 1,3-Butadiene	3.29	39	153255	2.285	ppbv		97
17) tert-Butyl alcohol	4.27	59	249599	1.787	ppbv		99
18) 1,1-Dichloroethene	4.27	96	139855	2.314	ppbv		94
19) Isopropyl Alcohol	3.94	45	194160	1.720	ppbv	#	97
20) Methylene Chloride	4.32	84	143304	2.088	ppbv		94
21) Allyl Chloride	4.39	41	230399	2.298	ppbv		98
22) trans-1,2-Dichloroethene	4.87	96	142969	2.326	ppbv		90
23) Vinyl Acetate	5.06	43	438369	2.177	ppbv		97
24) 1,1-Dichloroethane	4.99	63	360310	2.227	ppbv		99
25) Ethyl Acetate	5.67	43	607784	2.231	ppbv		99
26) Hexane	5.68	57	253924	2.212	ppbv		97
27) Carbon Disulfide	4.53	76	340971	2.350	ppbv		98
28) Methyl tert-Butyl Ether	5.02	73	448696	2.341	ppbv		99
29) Chloroform	5.74	83	453988	2.286	ppbv		99
30) Cyclohexane	7.13	84	182312	2.137	ppbv	#	82
31) cis-1,2-Dichloroethene	5.54	61	263239	2.251	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	447573	2.171	ppbv		99
34) 2-Butanone	5.23	43	394692	2.263	ppbv		99
35) Carbon Tetrachloride	7.02	117	491055	2.219	ppbv		97
36) Benzene	6.90	78	464630	2.184	ppbv		95
37) 1,2-Dichloroethane	6.30	62	377667	2.186	ppbv		100
38) Trichloroethene	7.84	130	195998	2.281	ppbv		93
39) 1,2-Dichloropropane	7.62	63	187455	2.143	ppbv		94
41) Tetrahydrofuran	6.05	42	194654	2.176	ppbv		99
42) Bromodichloromethane	7.80	83	476615	2.242	ppbv	#	99
43) Methyl Methacrylate	8.02	69	185481	2.138	ppbv		99
44) 2,2,4-Trimethylpentane	7.88	57	870223	2.212	ppbv		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013020\

Quantitation Report (Not Reviewed)

Data File : VL034569.D
Acq On : 30 Jan 2020 12:46
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jan 30 14:49:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 14:46:59 2020
QLast Update : Thu Jan 30 14:46:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.29	75	233814	2.092	ppbv		95
46) cis-1,3-Dichloropropene	8.72	75	275344	2.155	ppbv		99
47) 1,1,2-Trichloroethane	9.49	97	114691	1.190	ppbv		94
48) Dibromochloromethane	10.32	129	370748	2.218	ppbv		98
49) Bromoform	13.07	173	347261	2.295	ppbv		96
50) 4-Methyl-2-Pentanone	8.75	43	542868	2.145	ppbv		97
51) 2-Hexanone	10.16	43	434609	2.127	ppbv	#	97
52) Tetrachloroethene	11.25	164	180668	2.177	ppbv		94
53) Toluene	9.82	91	526711	2.254	ppbv		97
54) 1,2-Dibromoethane	10.64	107	306999	2.188	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.16	131	261771	2.169	ppbv	#	1
57) Chlorobenzene	12.17	112	432387	2.096	ppbv		97
58) Ethyl Benzene	12.74	91	738693	2.191	ppbv		97
59) m/p-Xylene	13.03	91	479216	1.625	ppbv	#	32
60) o-Xylene	13.72	91	666005	2.251	ppbv		95
61) Styrene	13.55	104	434249	2.147	ppbv		99
62) Isopropylbenzene	14.70	105	864303	2.233	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.71	83	475700	2.004	ppbv		100
64) n-propylbenzene	15.59	120	210478	2.130	ppbv		82
65) tert-Butylbenzene	16.78	119	797389	2.281	ppbv		97
66) Benzyl Chloride	17.03	91	303018	1.977	ppbv		99
67) sec-Butylbenzene	17.34	105	1094874	2.230	ppbv		98
69) p-Isopropyltoluene	17.69	119	903441	2.269	ppbv		99
70) n-Butylbenzene	18.59	91	958893	2.232	ppbv		97
71) 2-Chlorotoluene	15.49	91	663610	2.208	ppbv		99
72) 4-Ethyltoluene	15.87	105	737973	2.229	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	725343	2.233	ppbv		92
74) 1,2,4-Trimethylbenzene	16.80	105	785114	2.260	ppbv		94
75) 1,3-Dichlorobenzene	17.04	146	150602	0.724	ppbv	#	21
76) 1,4-Dichlorobenzene	17.18	146	438405	2.188	ppbv		99
77) 1,2-Dichlorobenzene	17.87	146	149219	0.763	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.42	225	413489	2.227	ppbv		99
79) Naphthalene	22.26	128	642150	2.454	ppbv		98
80) Naphthalene,2-methyl-	25.02	142	219543	3.028	ppbv	#	93
81) 1,2,4-Trichlorobenzene	21.98	180	399645	2.345	ppbv		99

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

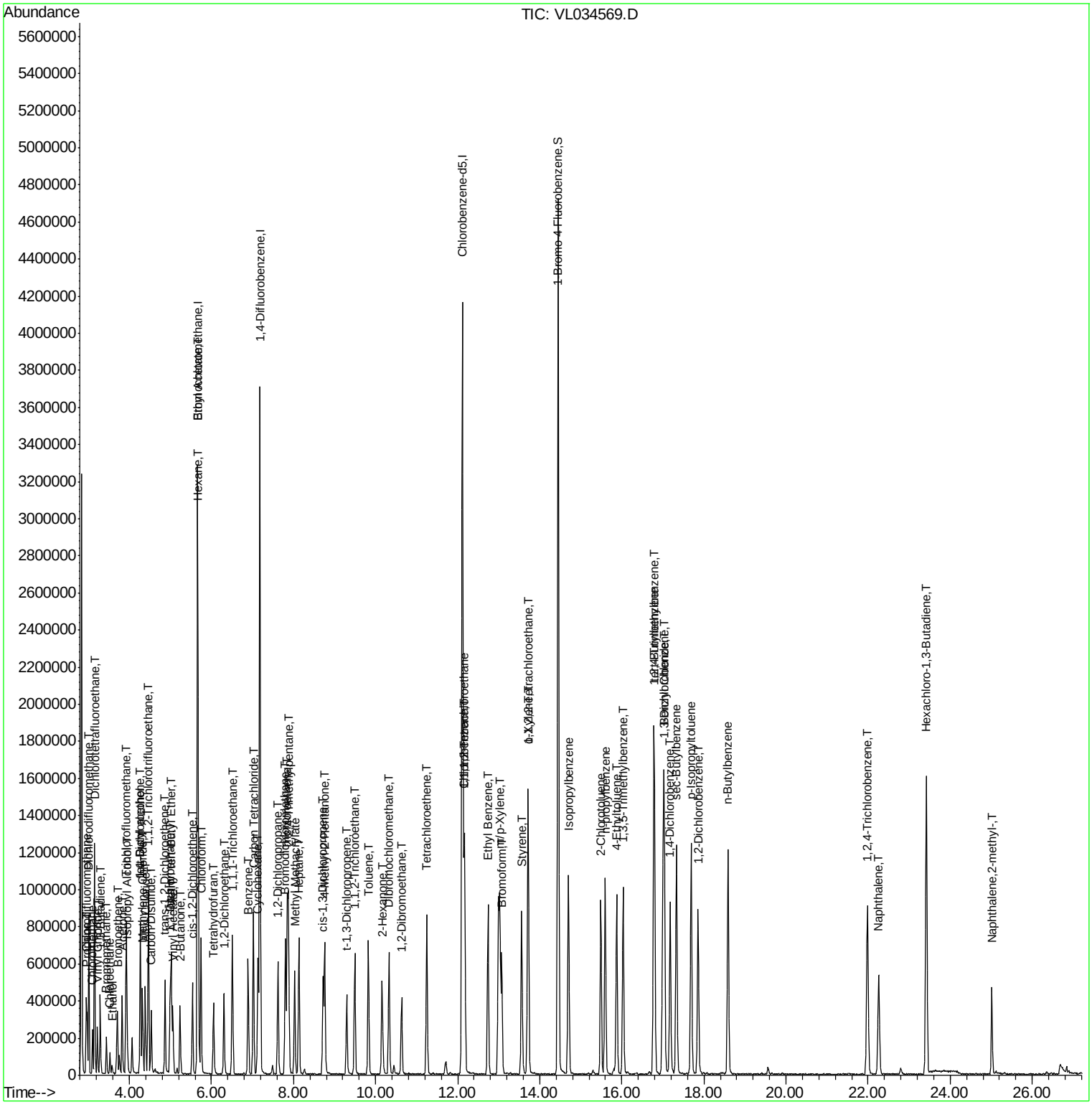
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013020\

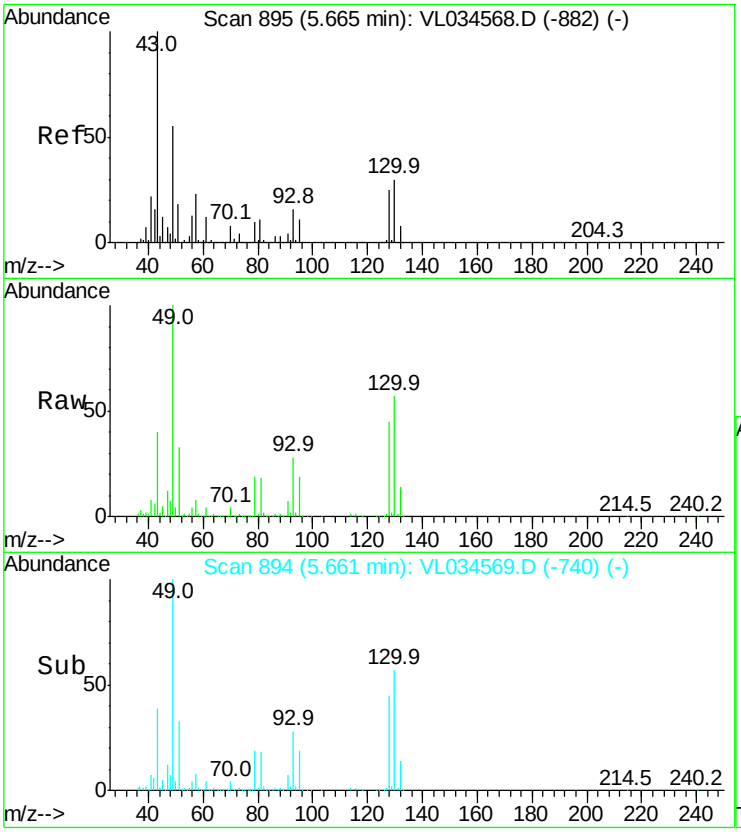
Quantitation Report (Not Reviewed)

Data File : VL034569.D
Acq On : 30 Jan 2020 12:46
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jan 30 14:49:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 14:46:59 2020
QLast Update : Thu Jan 30 14:46:59 2020
Response via : Initial Calibration



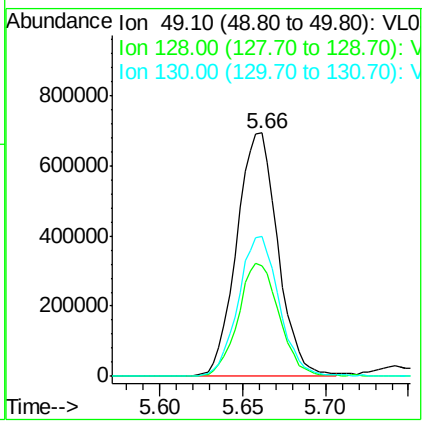


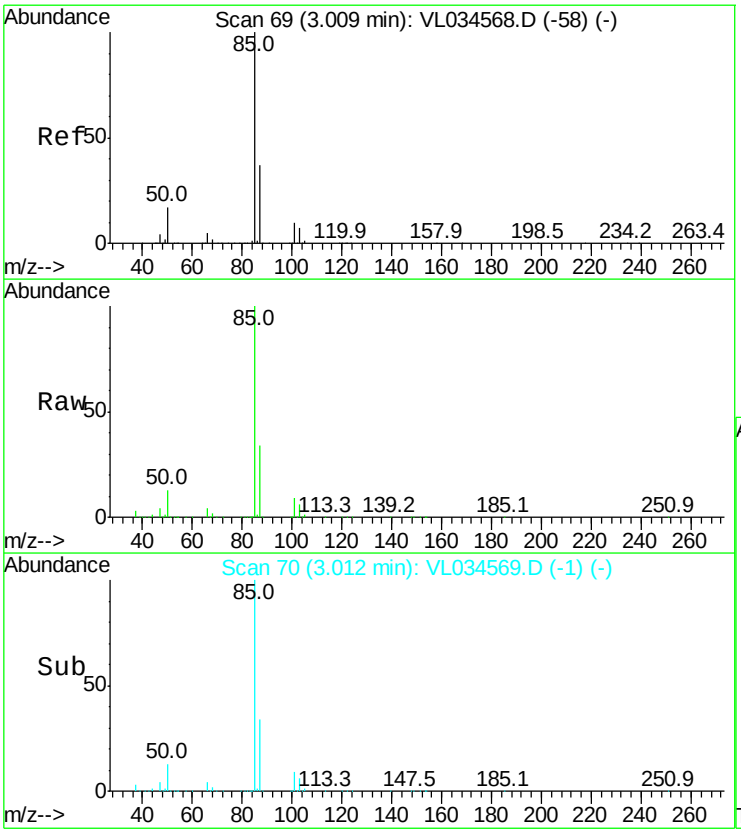
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1195124

Ion	Ratio	Lower	Upper
49	100		
128	46.5	22.4	67.2
130	57.3	28.3	85.0

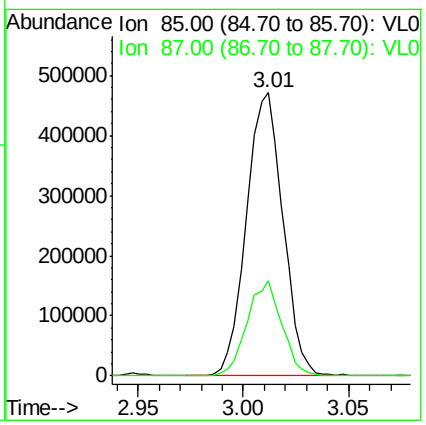


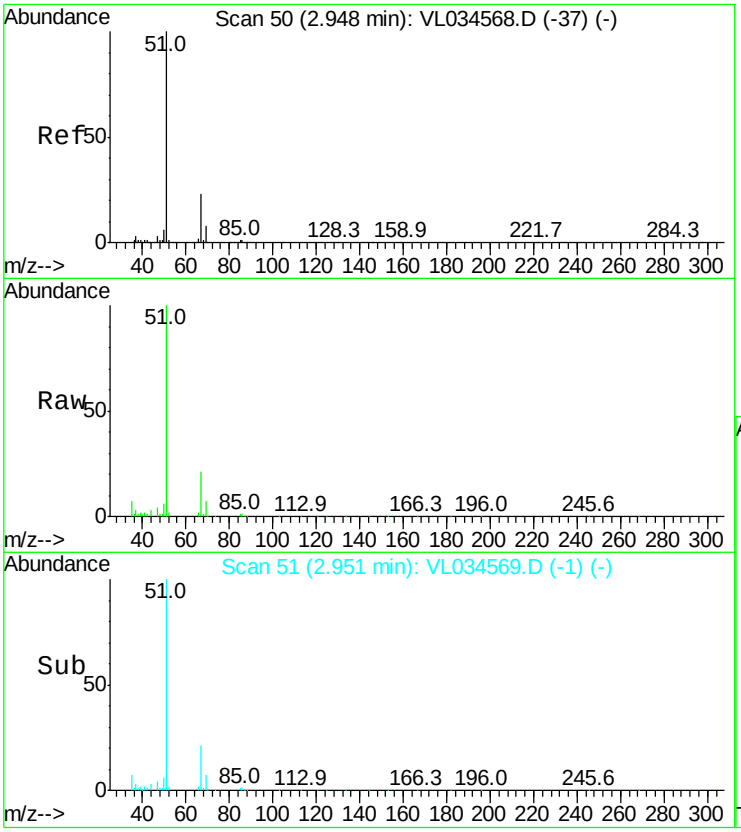


#2
Dichlorodifluoromethane
Concen: 3.014 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 85 Resp: 568014

Ion	Ratio	Lower	Upper
85	100		
87	33.7	27.9	41.9



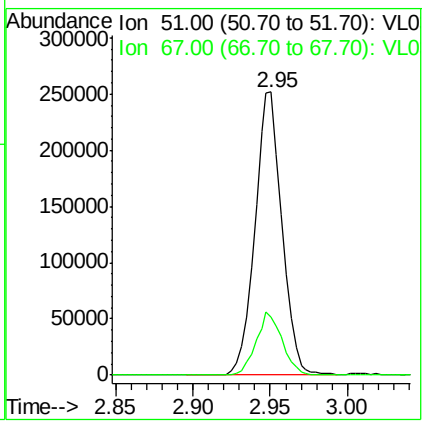


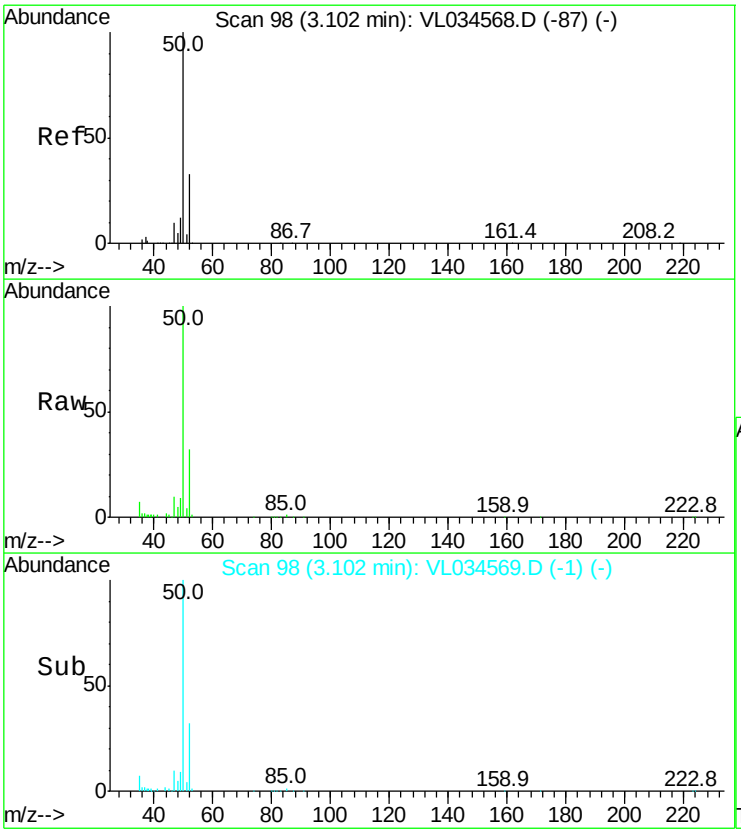
#3
Chlorodifluoromethane
Concen: 2.158 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 307240

Ion	Ratio	Lower	Upper
51	100		
67	21.4	16.8	25.2

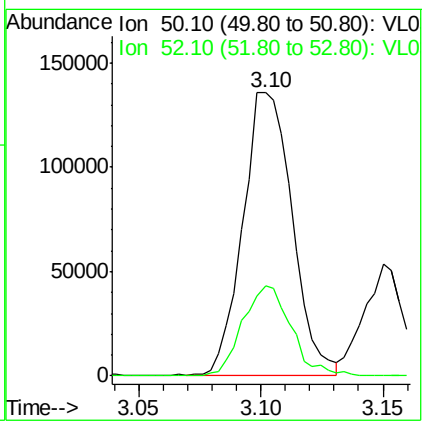


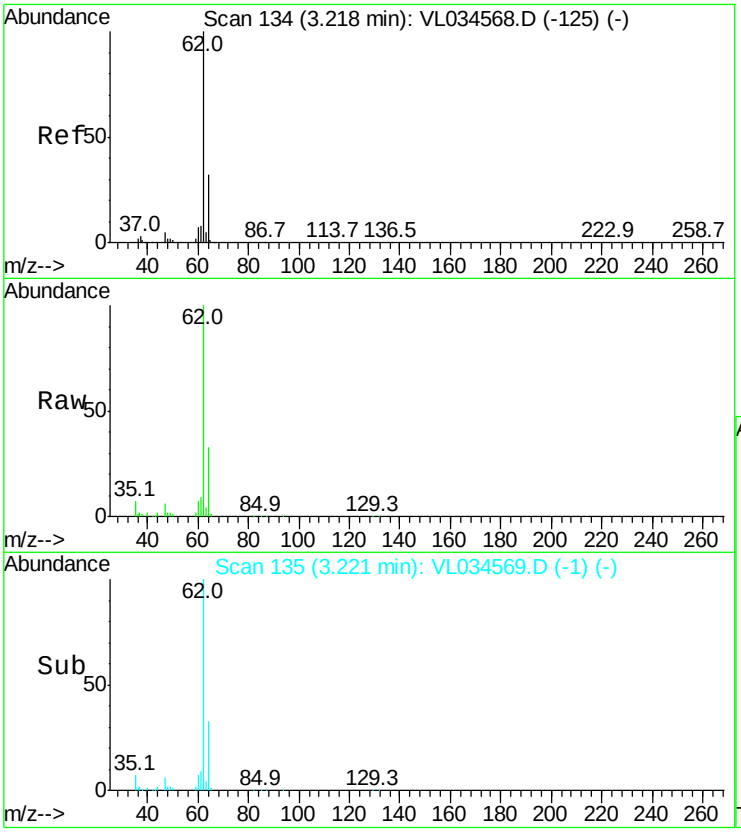


#4
Chloromethane
Concen: 2.259 ppbv
RT: 3.10 min Scan# 98
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 50 Resp: 191089

Ion	Ratio	Lower	Upper
50	100		
52	31.9	27.6	41.4



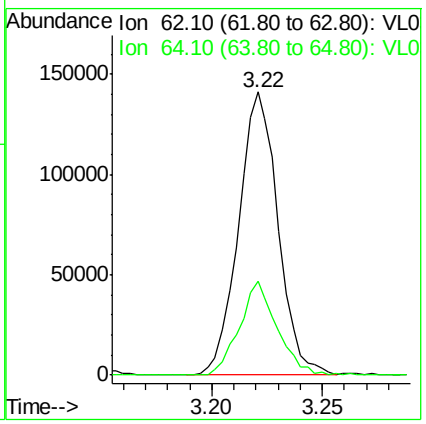


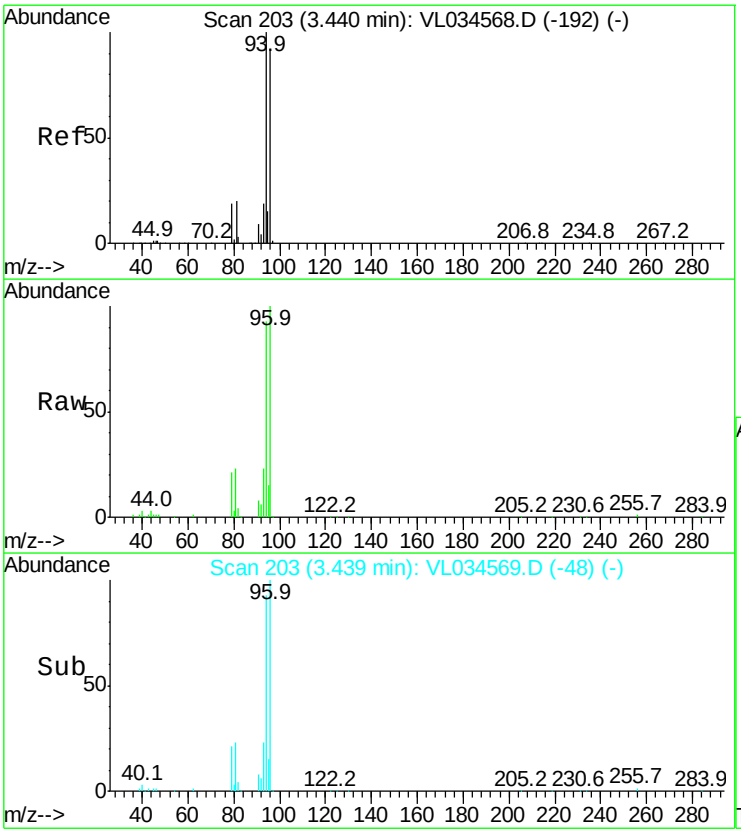
#5
Vinyl Chloride
Concen: 2.119 ppbv
RT: 3.22 min Scan# 135
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 175531

Ion	Ratio	Lower	Upper
62	100		
64	33.3	24.9	37.3

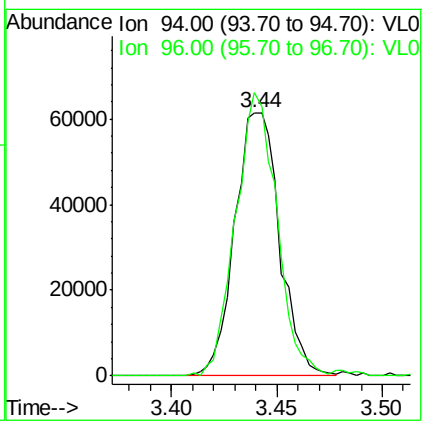


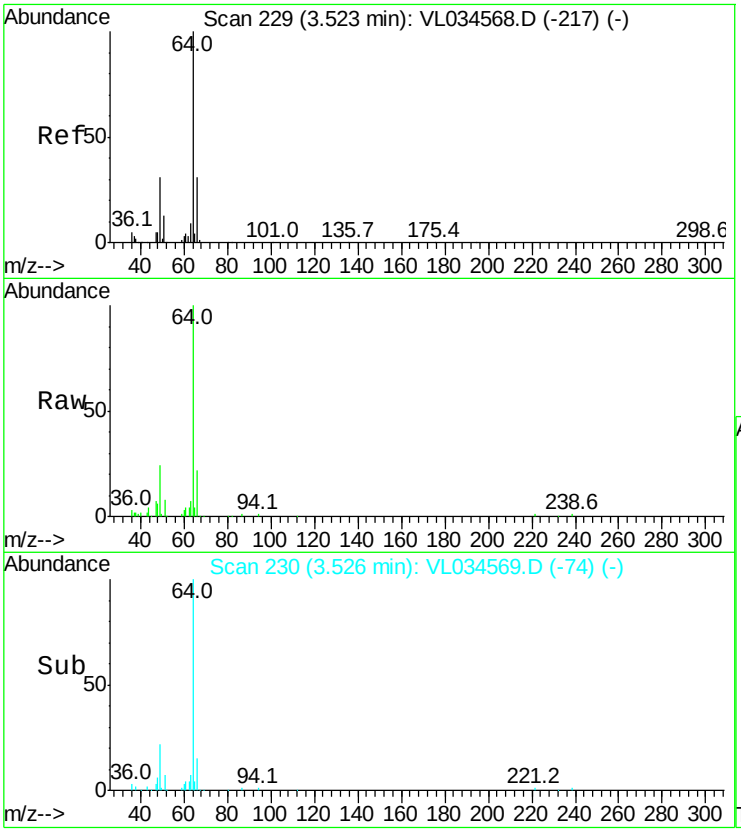


#6
Bromomethane
Concen: 2.208 ppbv
RT: 3.44 min Scan# 203
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 94 Resp: 91019

Ion	Ratio	Lower	Upper
94	100		
96	107.5	71.2	106.8#



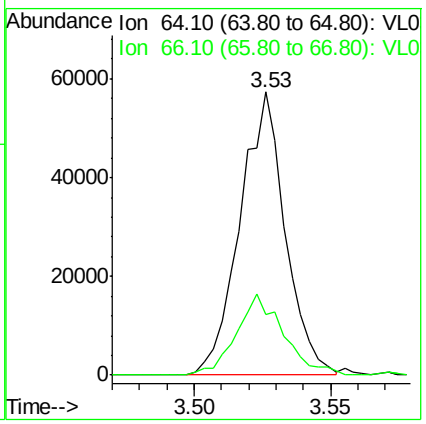


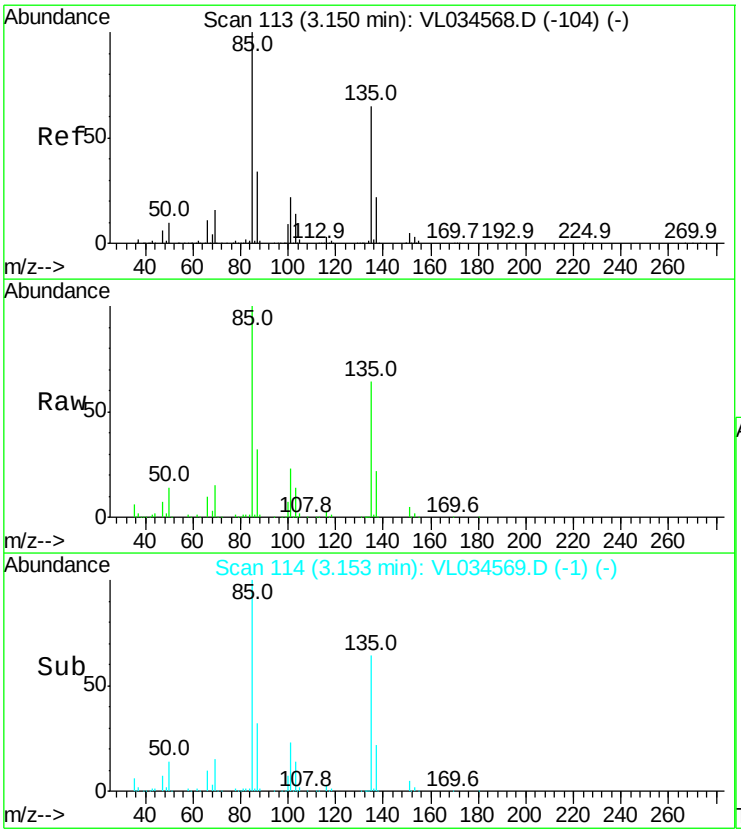
#7
Chloroethane
Concen: 2.281 ppbv
RT: 3.53 min Scan# 230
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 65835

Ion	Ratio	Lower	Upper
64	100		
66	21.6	25.0	37.4#

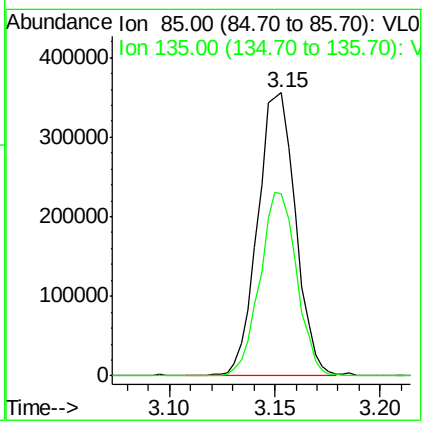


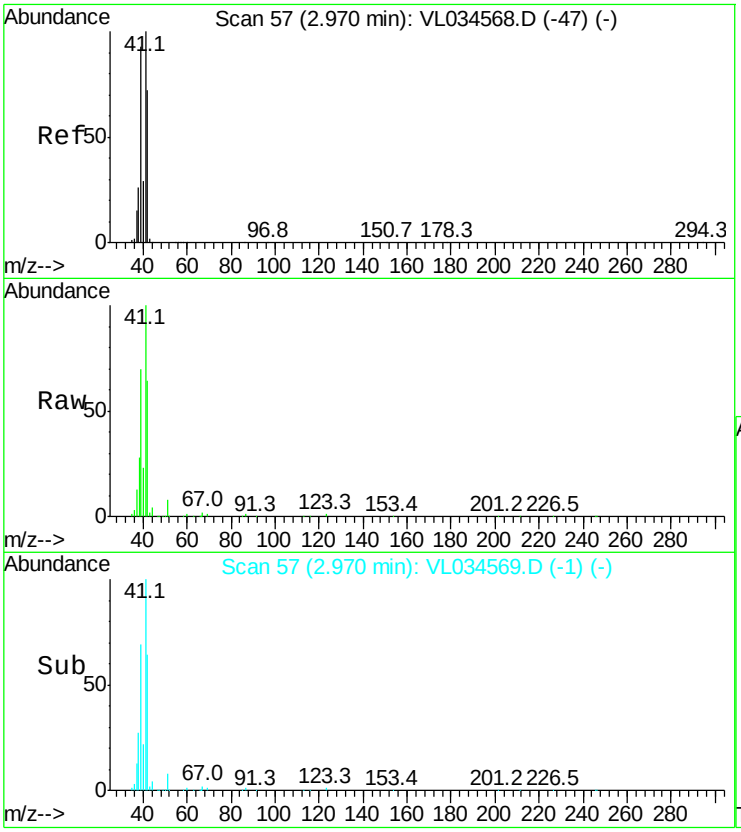


#8
Dichlorotetrafluoroethane
Concen: 2.362 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 85 Resp: 446482

Ion	Ratio	Lower	Upper
85	100		
135	63.1	51.8	77.8



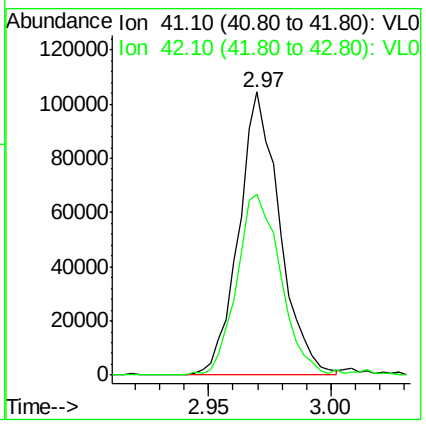


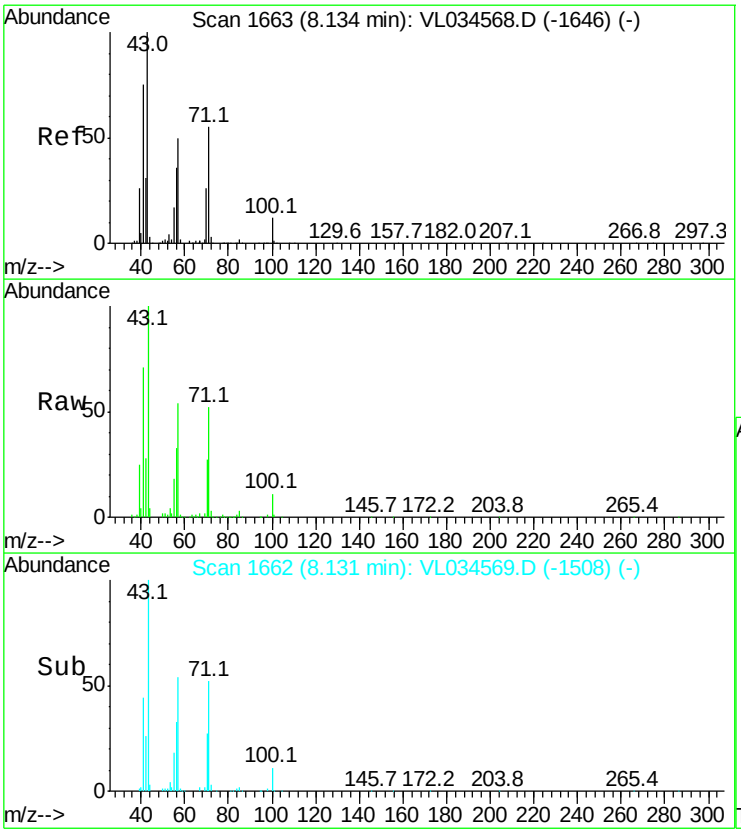
#9
Propene
Concen: 2.210 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 121300

Ion	Ratio	Lower	Upper
41	100		
42	69.7	55.8	83.6

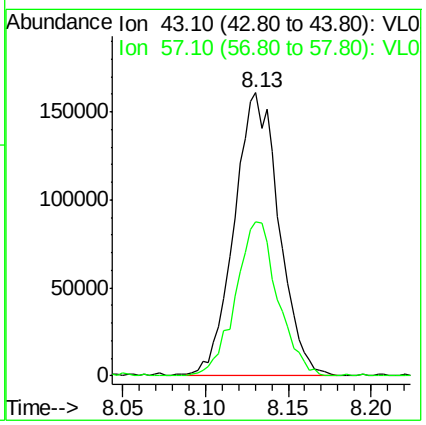


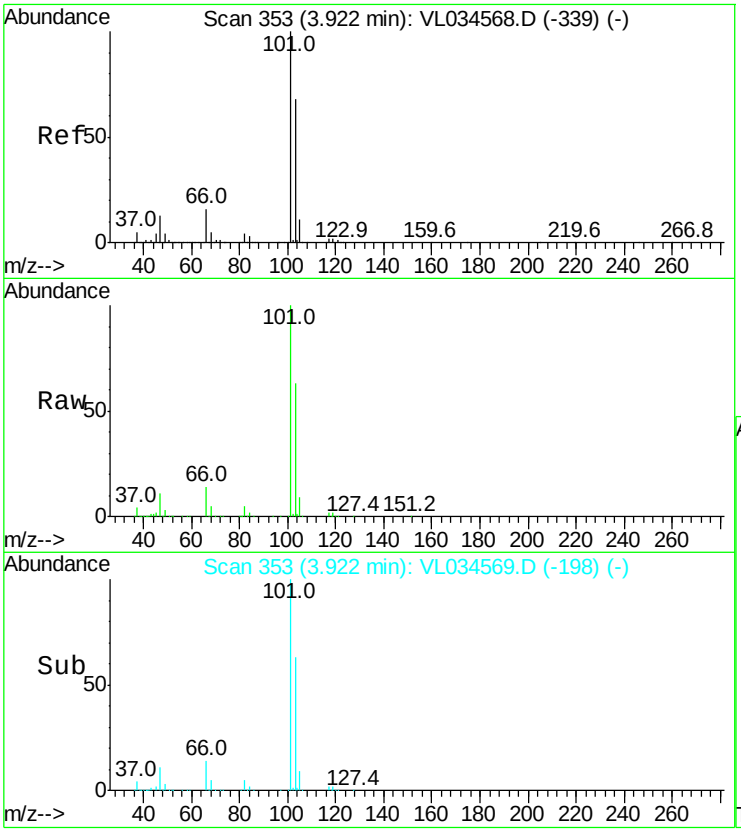


#10
Heptane
Concen: 2.125 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 43 Resp: 301220

Ion	Ratio	Lower	Upper
43	100		
57	51.5	41.0	61.6



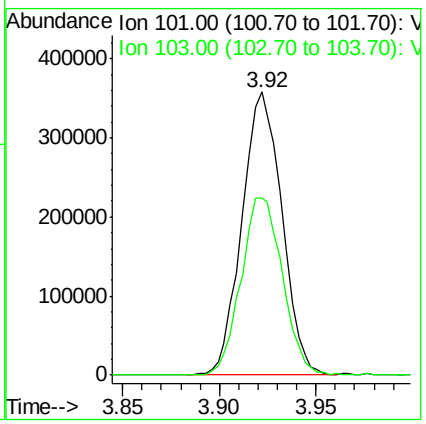


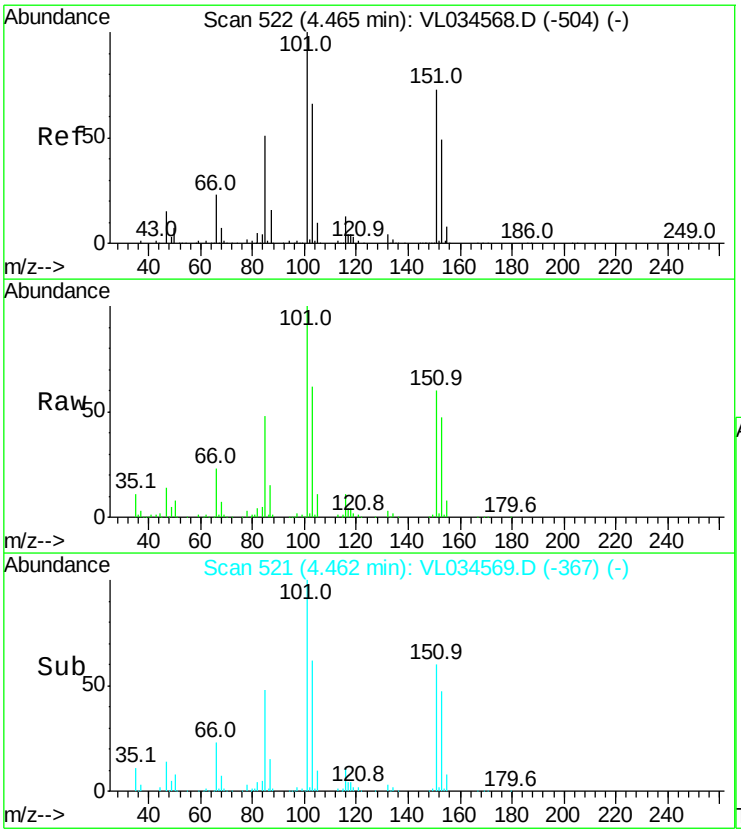
#11
Trichlorofluoromethane
Concen: 2.362 ppbv
RT: 3.92 min Scan# 353
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 515117

Ion	Ratio	Lower	Upper
101	100		
103	62.7	52.1	78.1

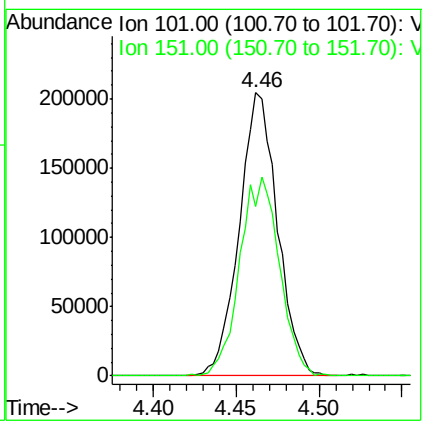


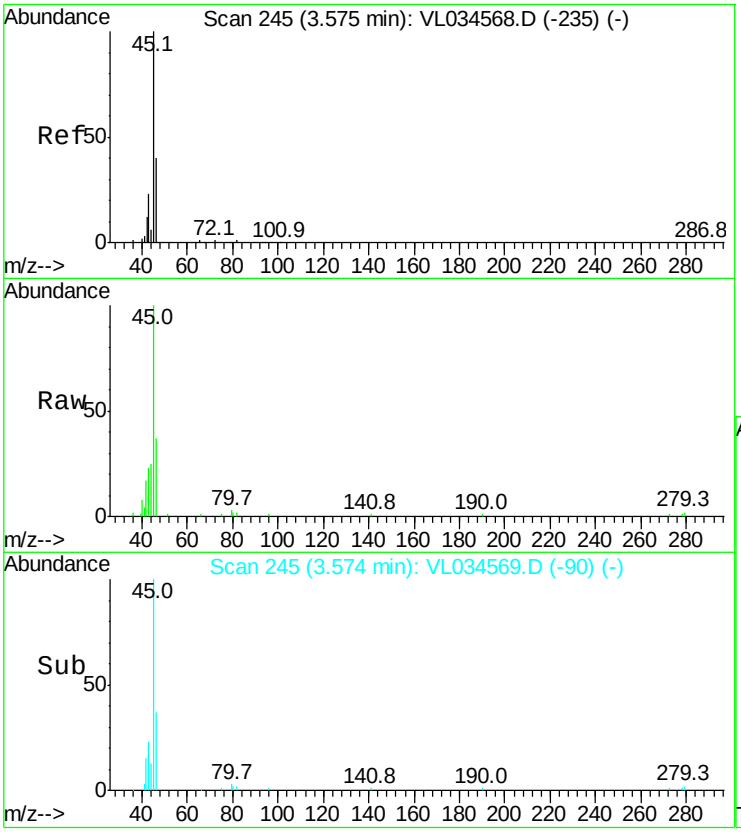


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.363 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:101 Resp: 327828

Ion	Ratio	Lower	Upper
101	100		
151	73.1	57.8	86.6



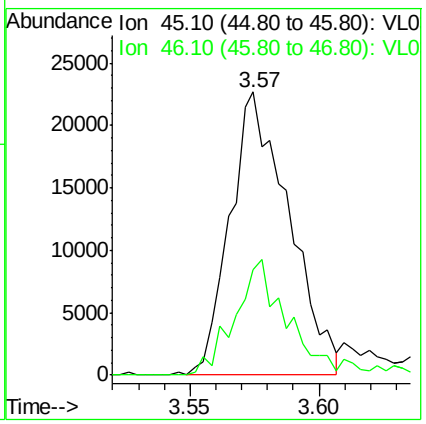


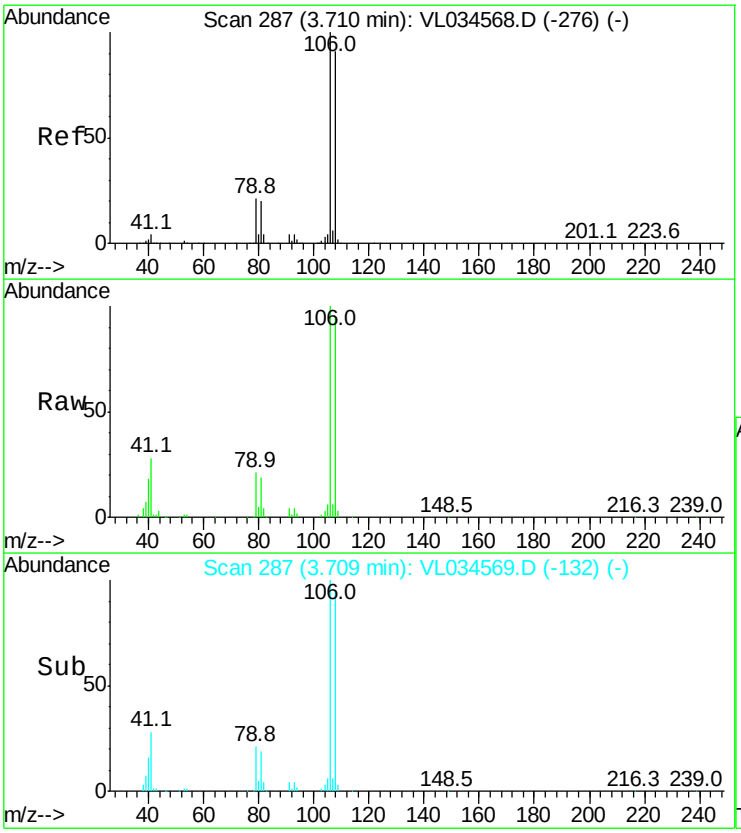
#13
Ethanol
Concen: 2.363 ppbv
RT: 3.57 min Scan# 245
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 35991

Ion	Ratio	Lower	Upper
45	100		
46	39.6	14.9	59.7

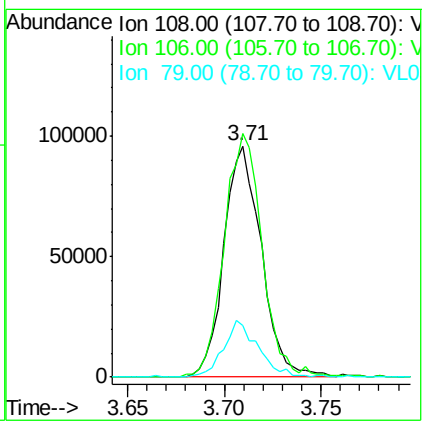


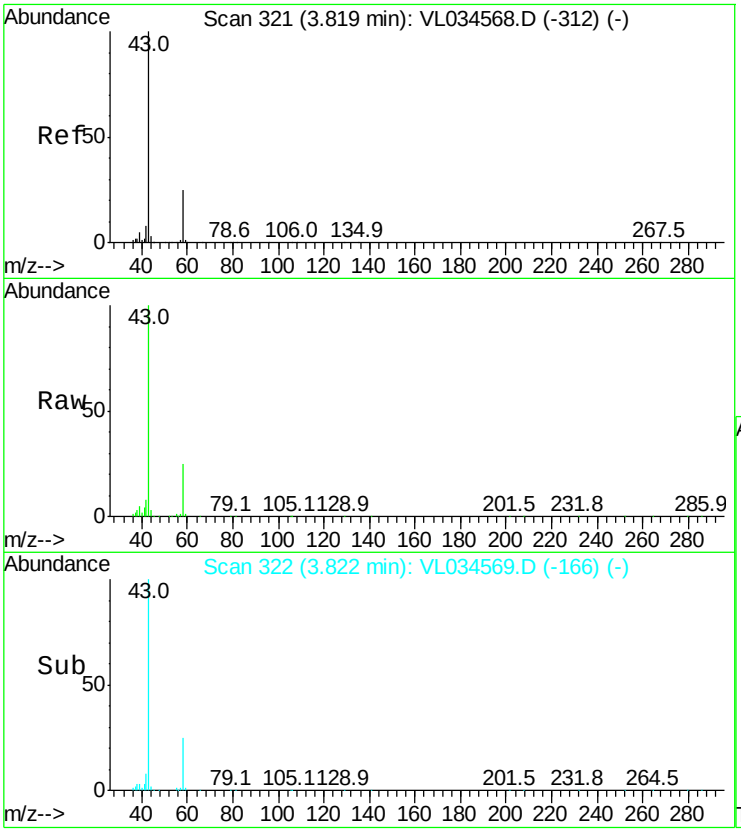


#14
Bromoethene
Concen: 2.301 ppbv
RT: 3.71 min Scan# 287
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:108 Resp: 129090

Ion	Ratio	Lower	Upper
108	100		
106	107.0	85.2	127.8
79	23.0	17.4	26.2



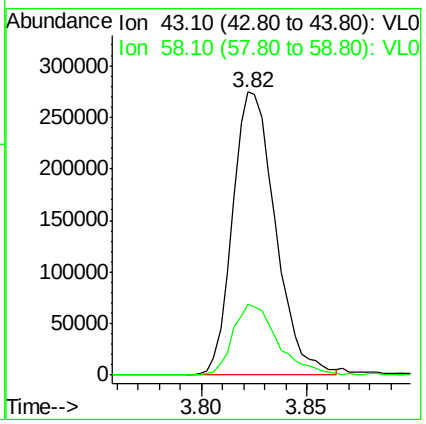


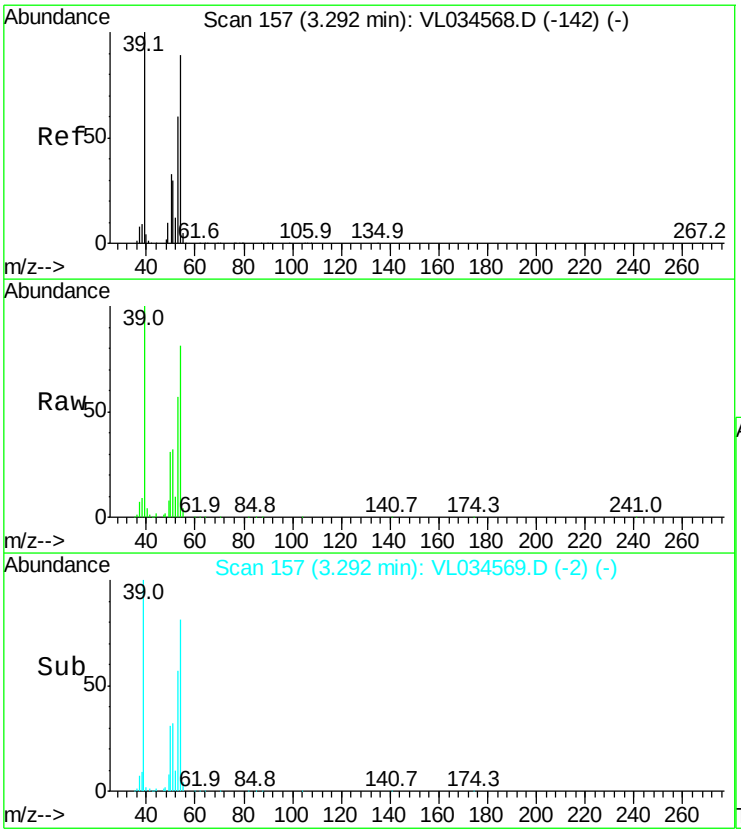
#15
Acetone
Concen: 2.214 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 386245

Ion	Ratio	Lower	Upper
43	100		
58	26.7	20.4	30.6

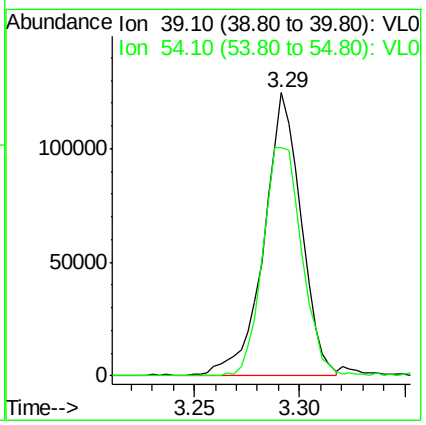


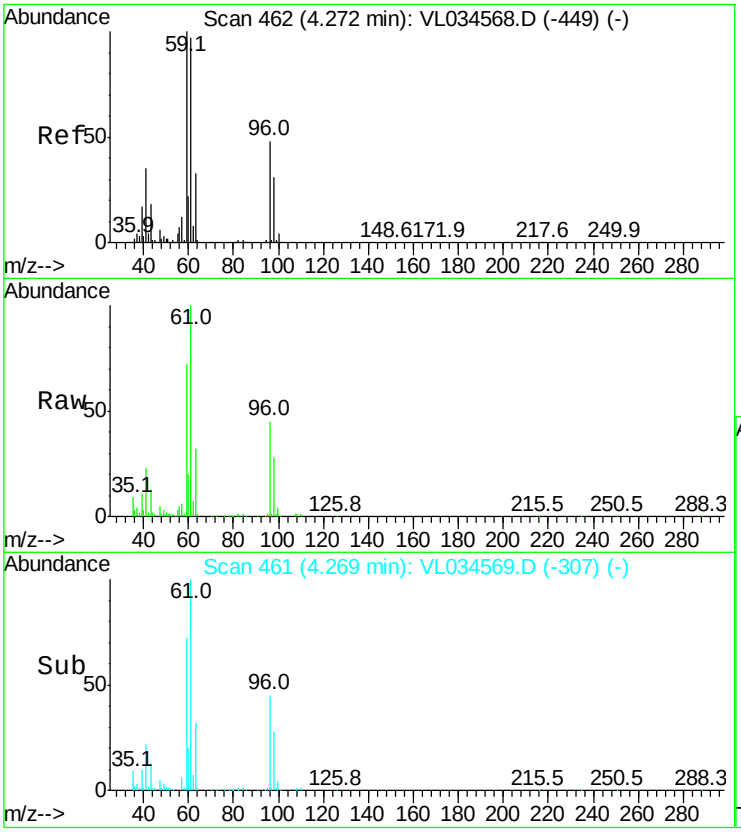


#16
1,3-Butadiene
Concen: 2.285 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 39 Resp: 153255

Ion	Ratio	Lower	Upper
39	100		
54	85.7	66.2	99.2



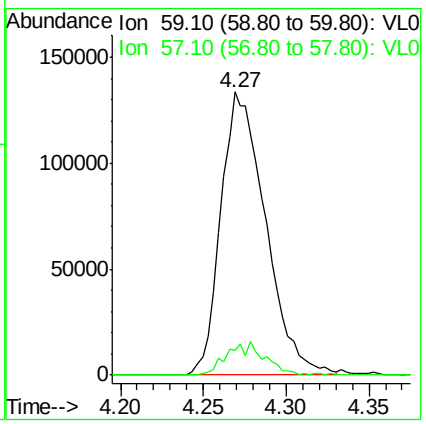


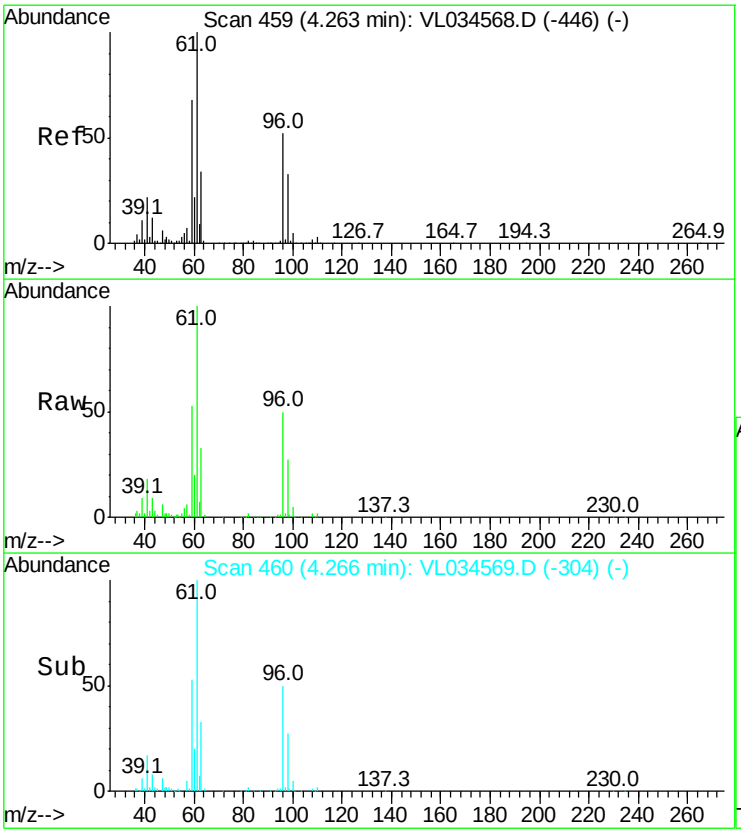
#17
tert-Butyl alcohol
Concen: 1.787 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 249599

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

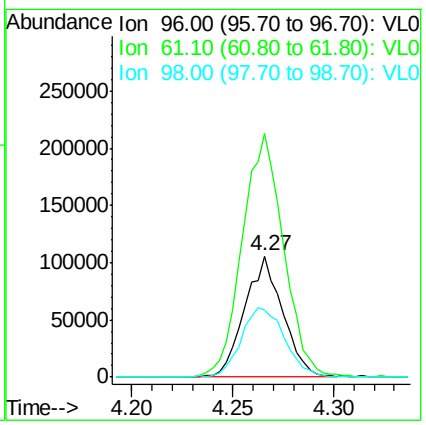


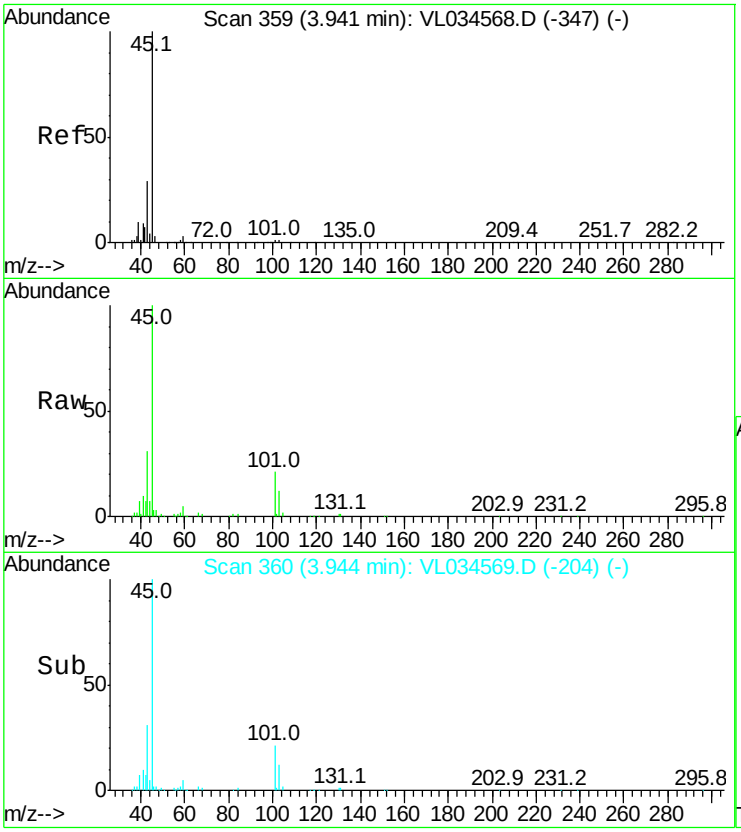


#18
1,1-Dichloroethene
Concen: 2.314 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 96 Resp: 139855

Ion	Ratio	Lower	Upper
96	100		
61	200.4	165.9	248.9
98	55.0	51.9	77.9



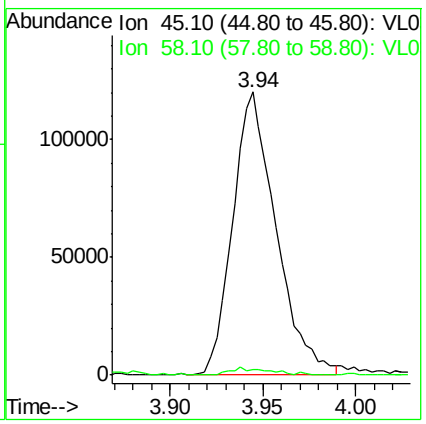


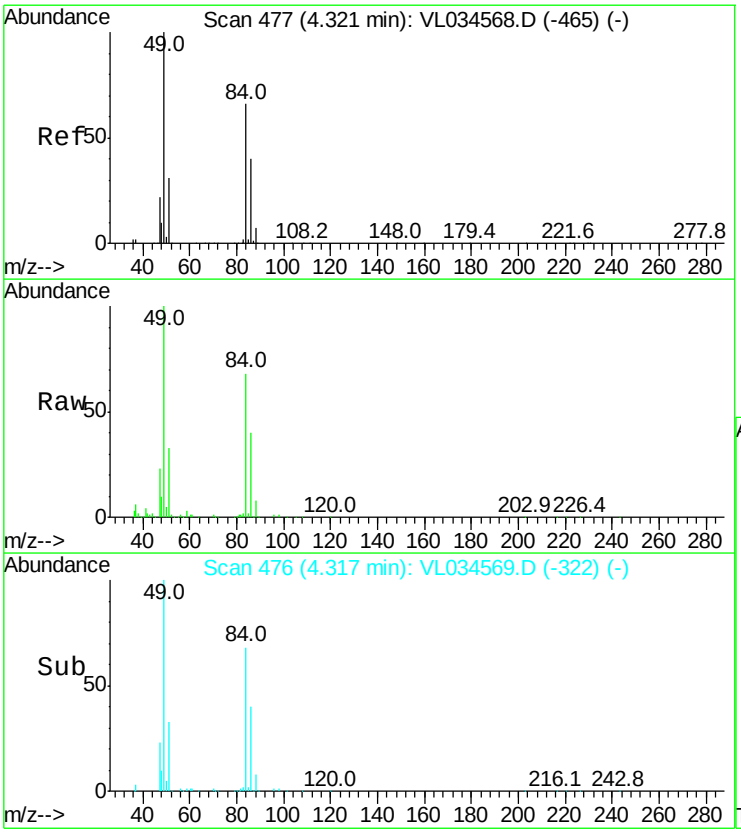
#19
Isopropyl Alcohol
Concen: 1.720 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 194160

Ion	Ratio	Lower	Upper
45	100		
58	2.8	1.4	2.0#

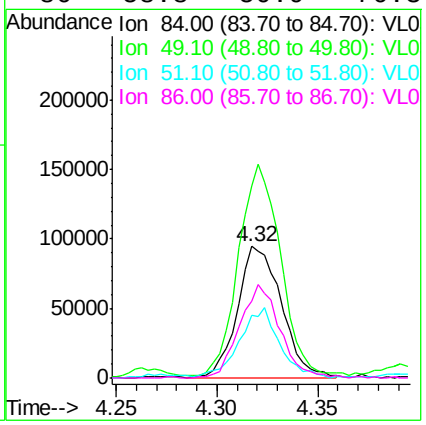


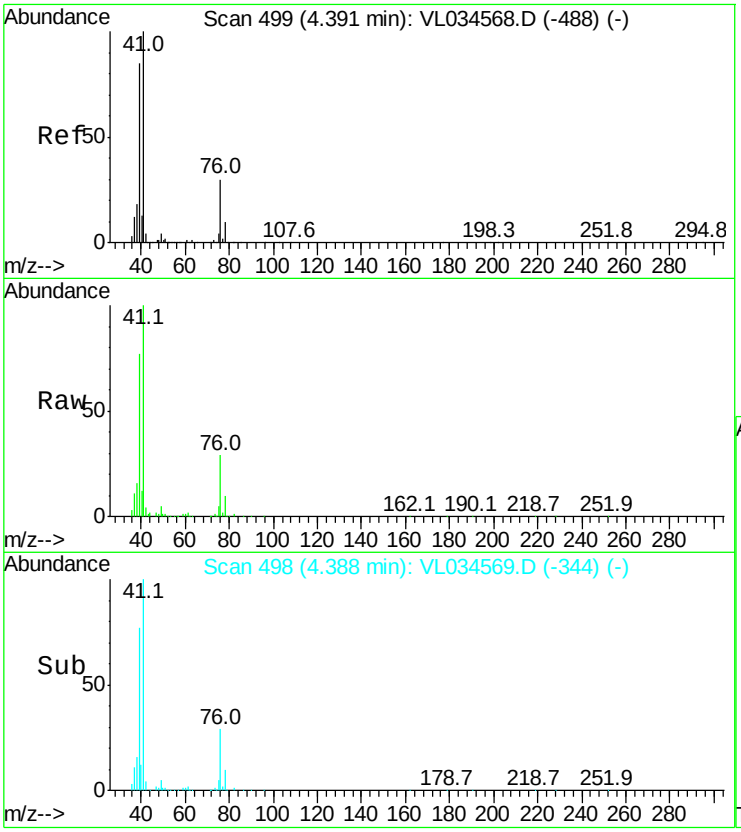


#20
Methylene Chloride
Concen: 2.088 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 84 Resp: 143304

Ion	Ratio	Lower	Upper
84	100		
49	145.0	124.4	186.6
51	46.5	37.0	55.6
86	58.8	50.9	76.3



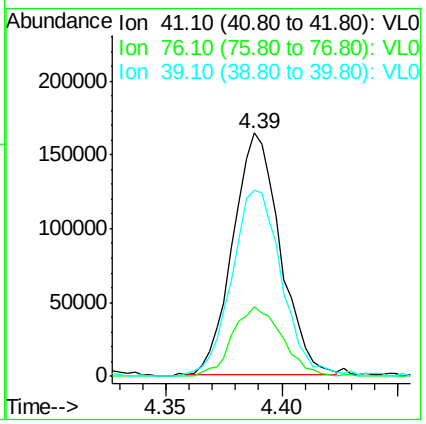


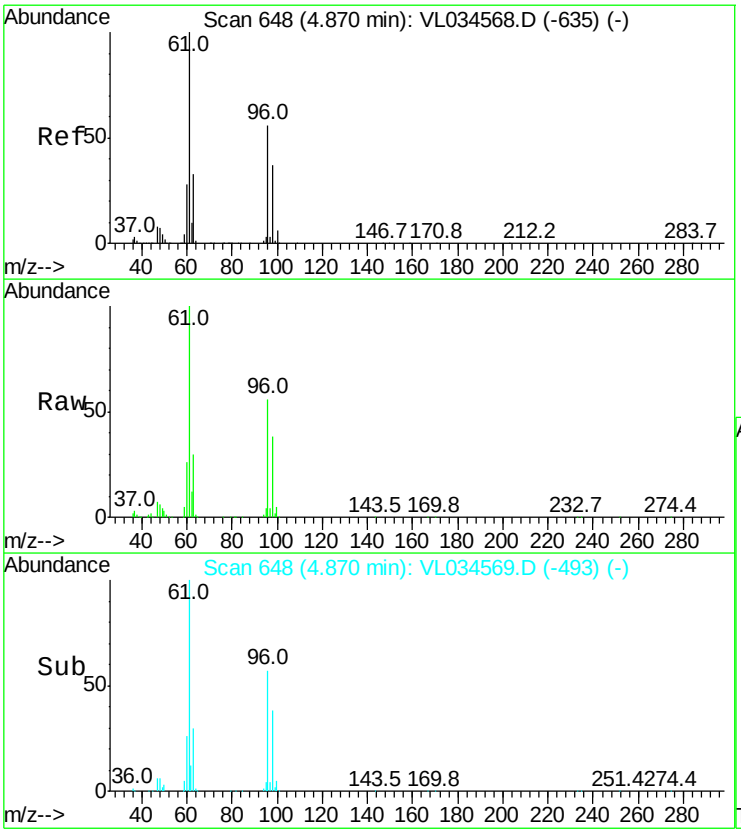
#21
Allyl Chloride
Concen: 2.298 ppbv
RT: 4.39 min Scan# 498
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 230399

Ion	Ratio	Lower	Upper
41	100		
76	30.8	24.2	36.4
39	83.9	65.8	98.6

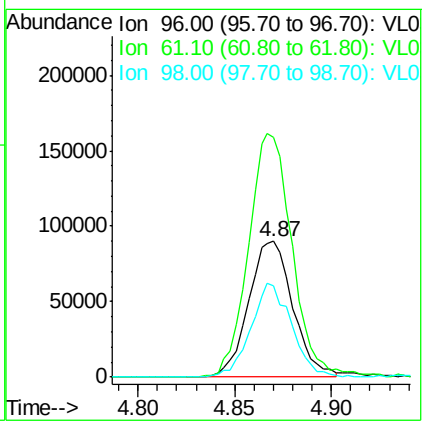


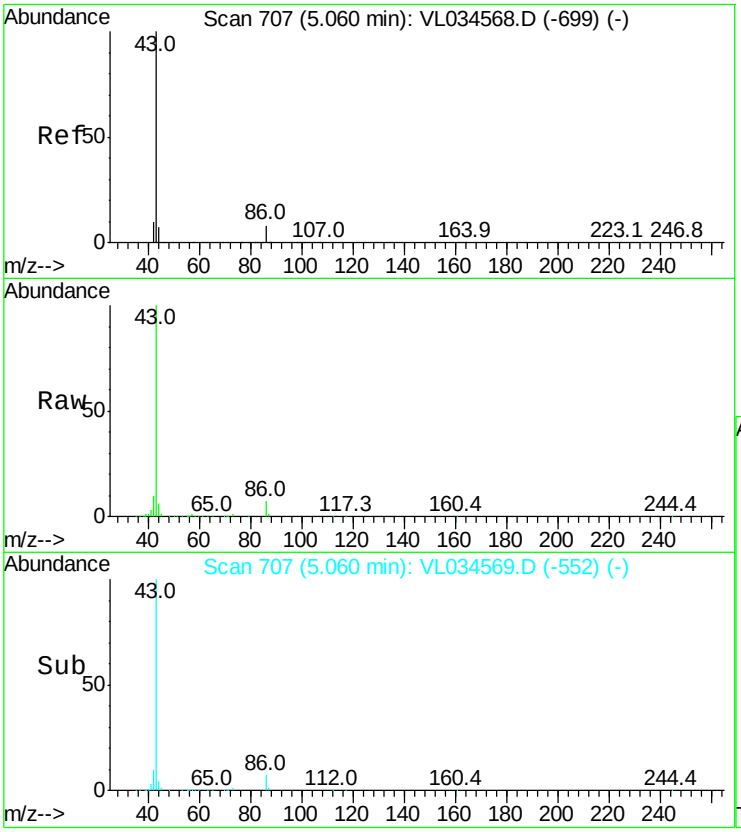


#22
trans-1,2-Dichloroethene
Concen: 2.326 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 96 Resp: 142969

Ion	Ratio	Lower	Upper
96	100		
61	177.1	128.4	192.6
98	66.9	50.6	75.8



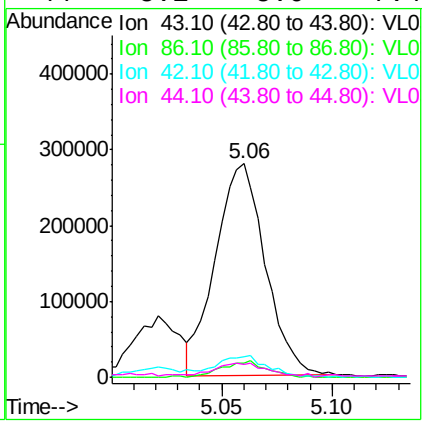


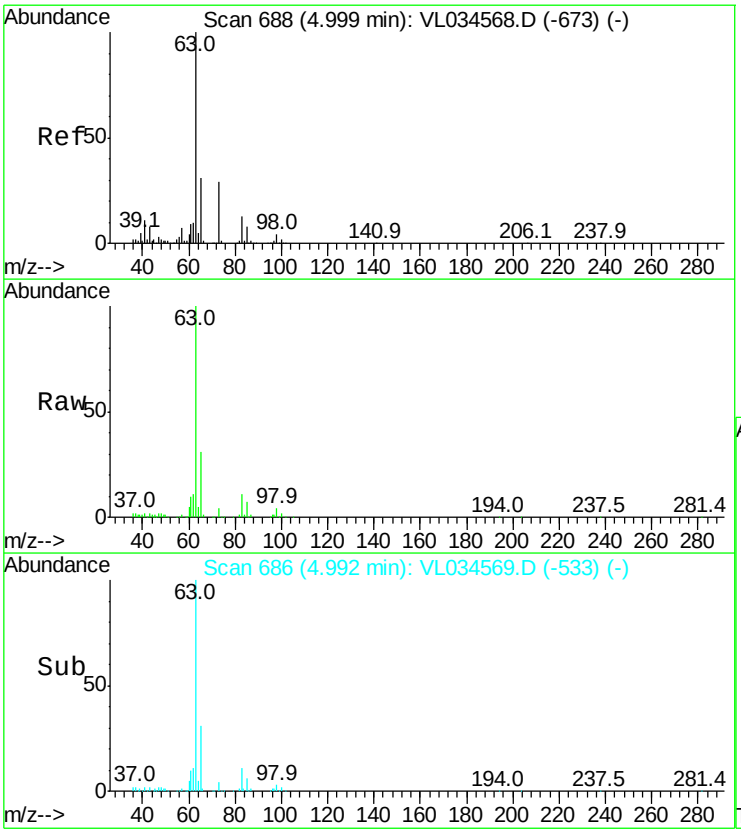
#23
Vinyl Acetate
Concen: 2.177 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 438369

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.4	8.2
42	9.4	8.9	13.3
44	5.1	5.0	7.4

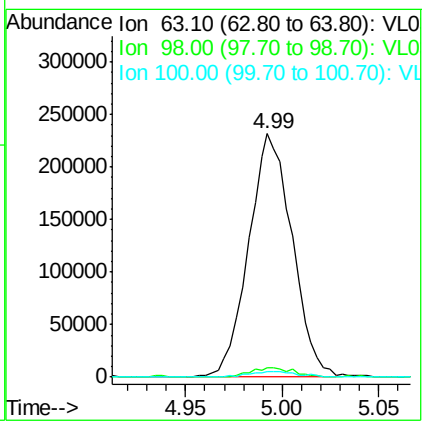


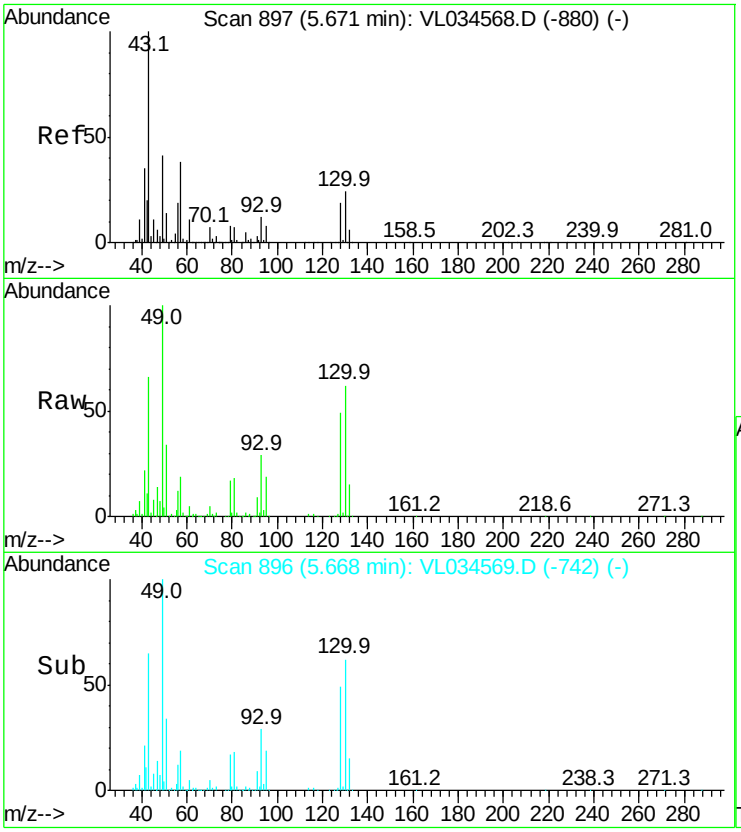


#24
1,1-Dichloroethane
Concen: 2.227 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 63 Resp: 360310

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.3
100	2.3	1.1	3.3



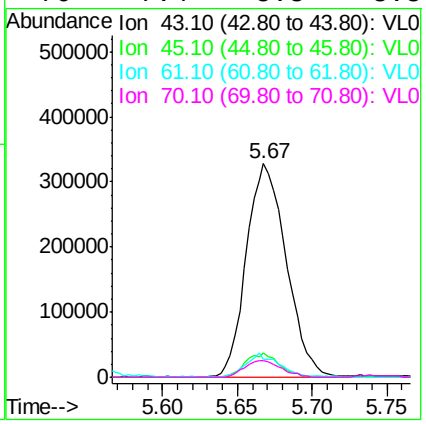


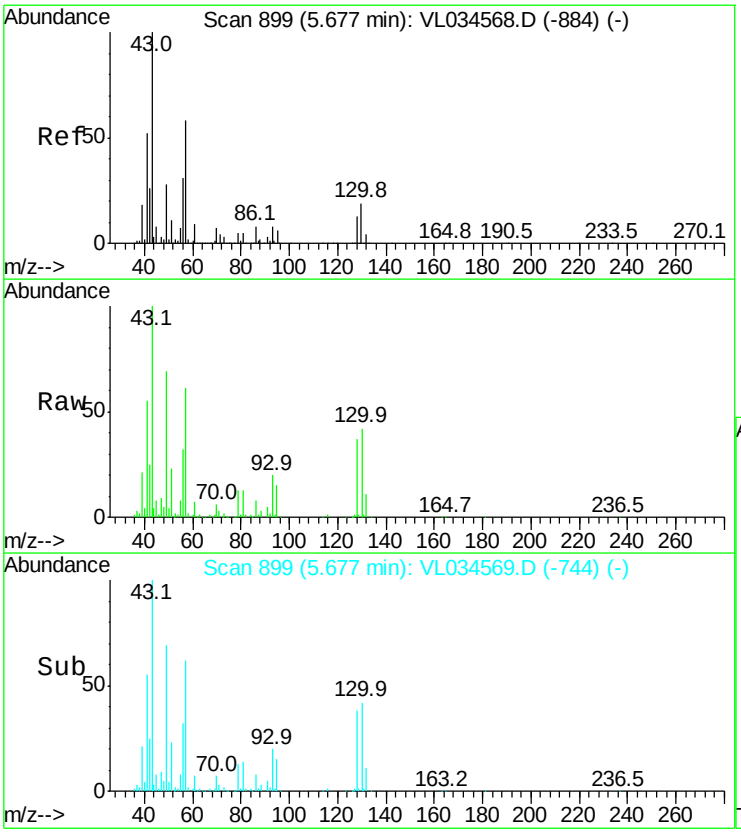
#25
Ethyl Acetate
Concen: 2.231 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 607784

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.3	12.5
61	9.5	7.8	11.6
70	7.4	5.8	8.8

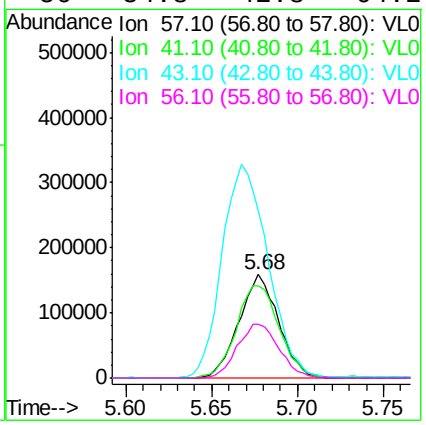


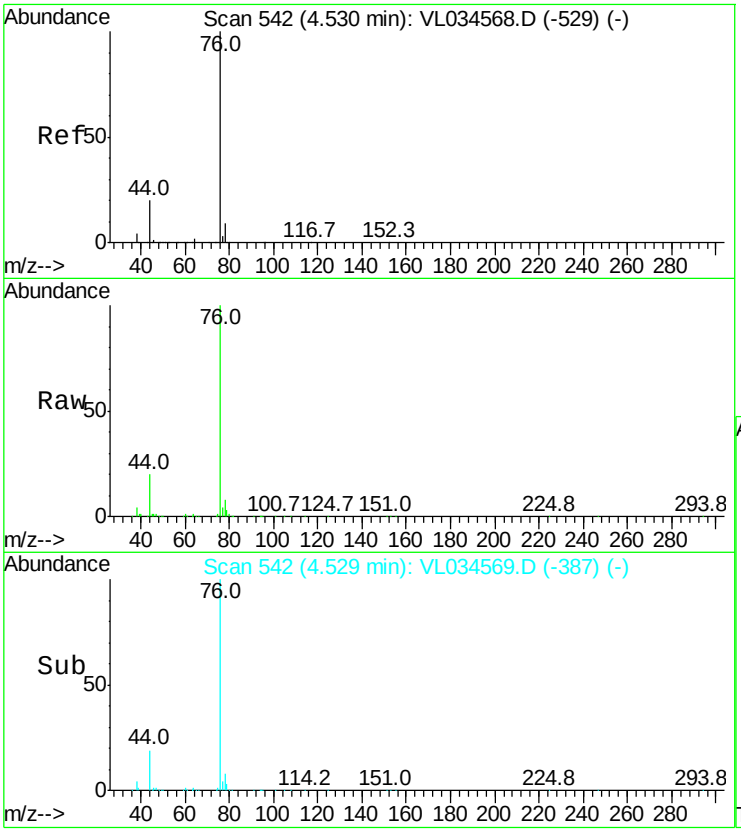


#26
Hexane
Concen: 2.212 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 57 Resp: 253924

Ion	Ratio	Lower	Upper
57	100		
41	97.3	75.3	112.9
43	242.1	189.4	284.2
56	54.8	42.8	64.2



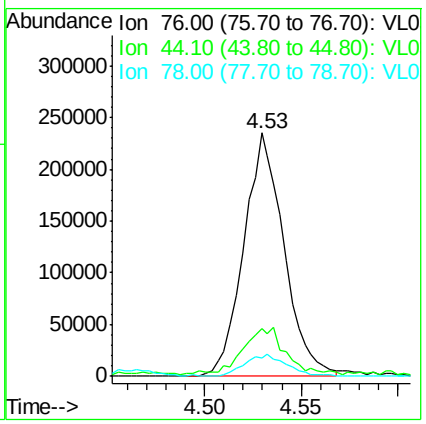


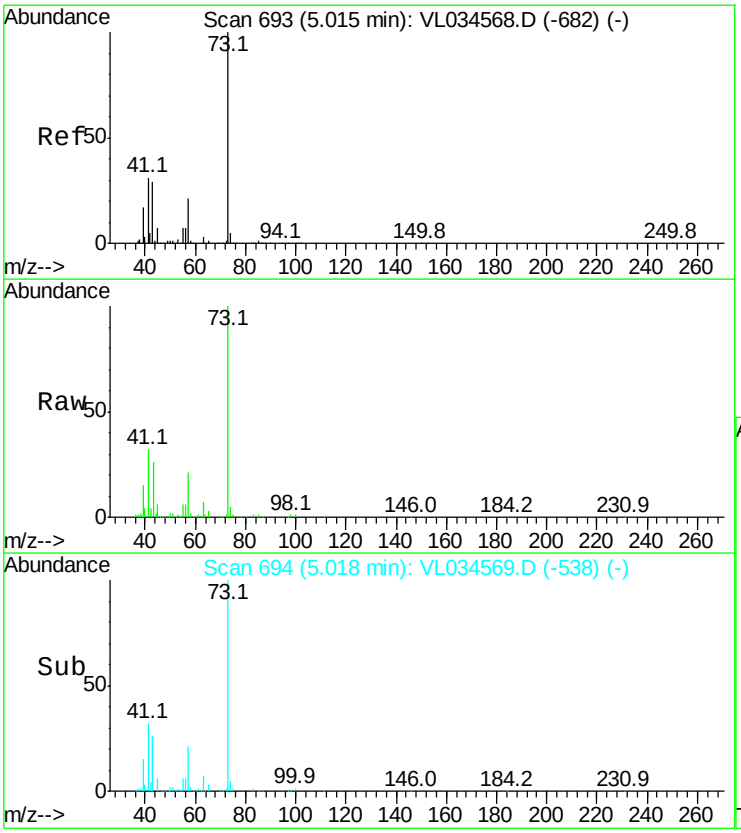
#27
Carbon Disulfide
Concen: 2.350 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 340971

Ion	Ratio	Lower	Upper
76	100		
44	19.8	16.6	25.0
78	9.9	7.4	11.0

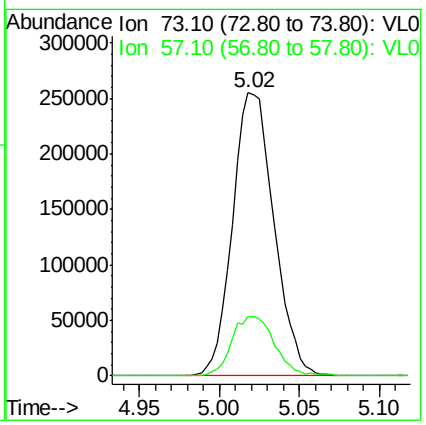


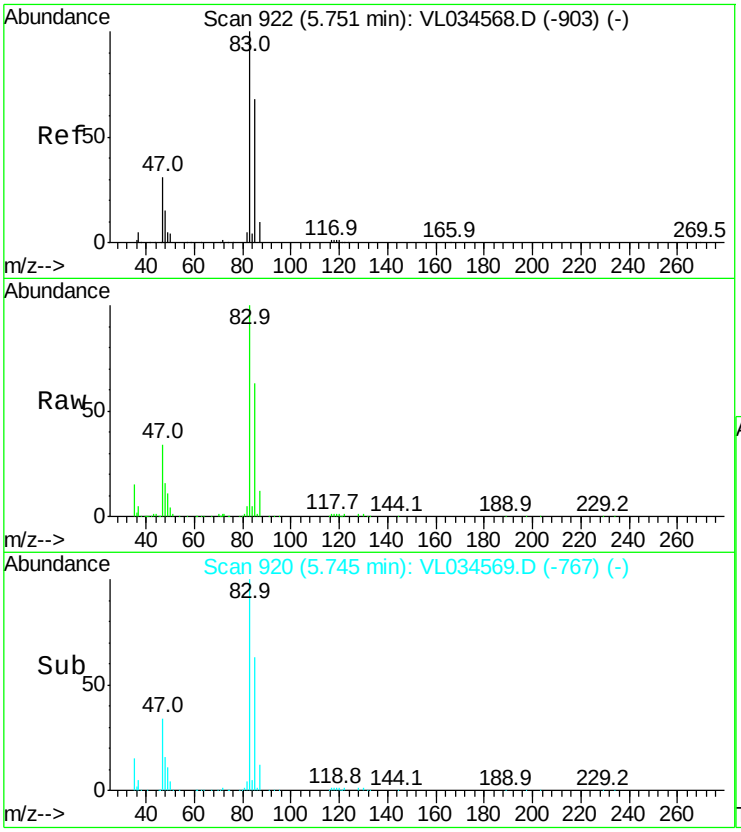


#28
Methyl tert-Butyl Ether
Concen: 2.341 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 73 Resp: 448696

Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.2	27.2



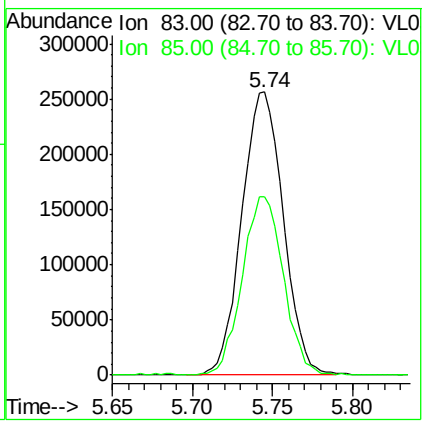


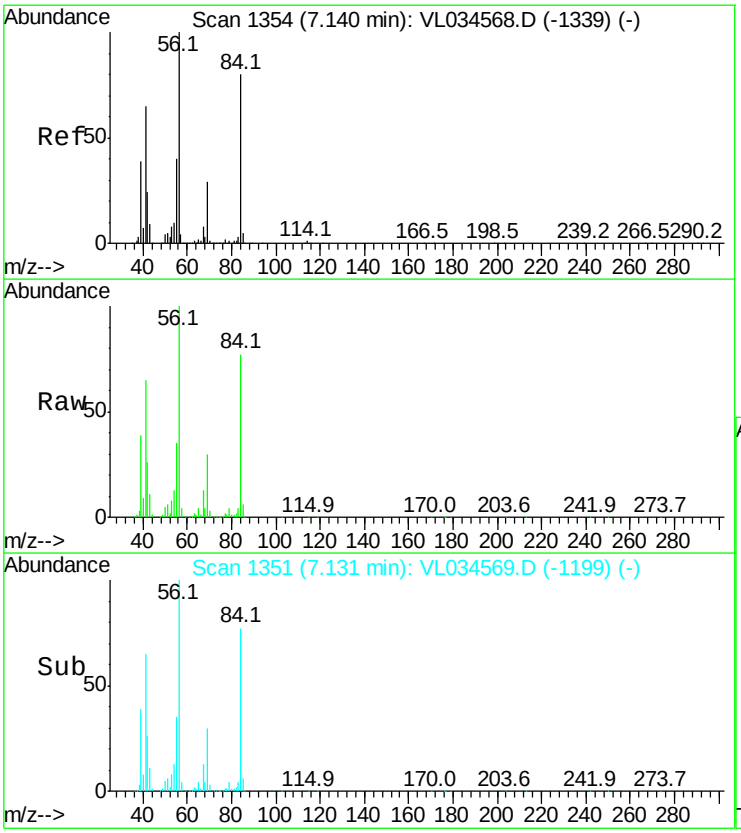
#29
Chloroform
Concen: 2.286 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 453988

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.0	76.6

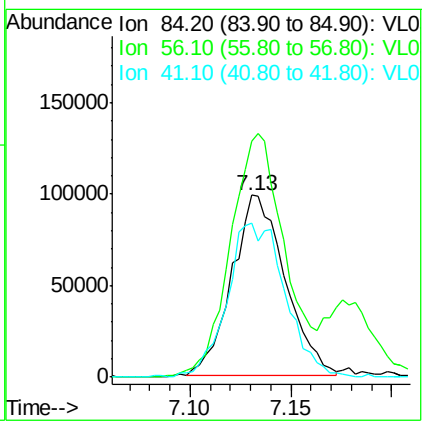


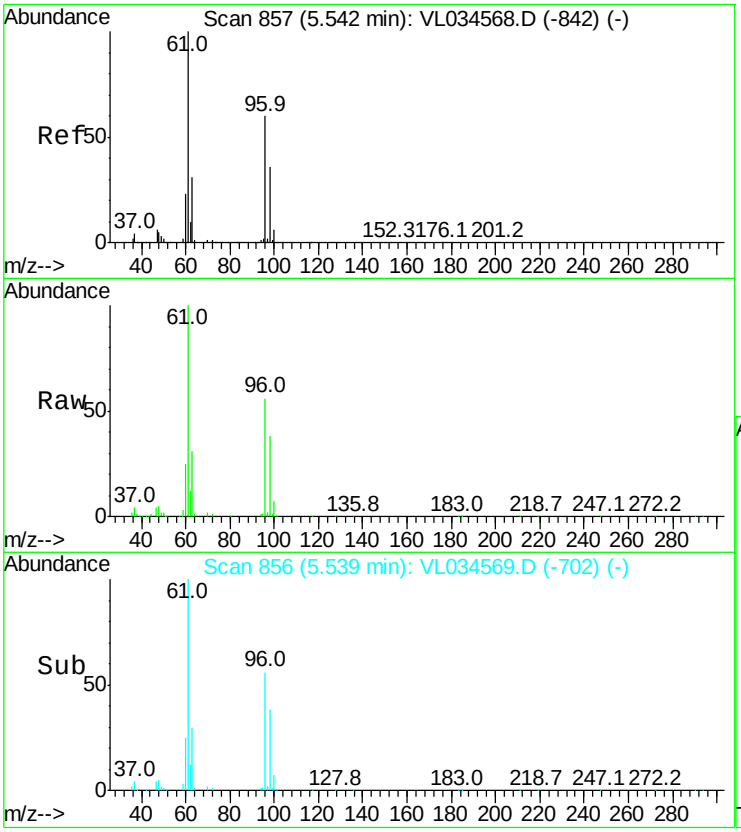


#30
Cyclohexane
Concen: 2.137 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 84 Resp: 182312

Ion	Ratio	Lower	Upper
84	100		
56	176.3	112.7	169.1#
41	93.0	73.0	109.4



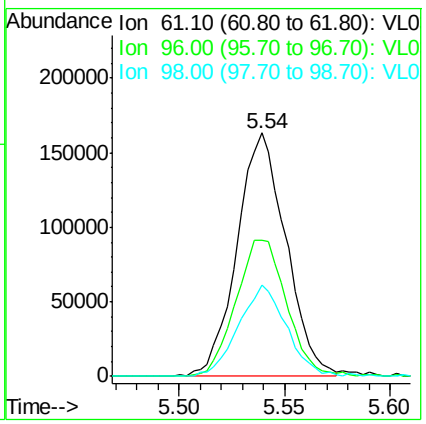


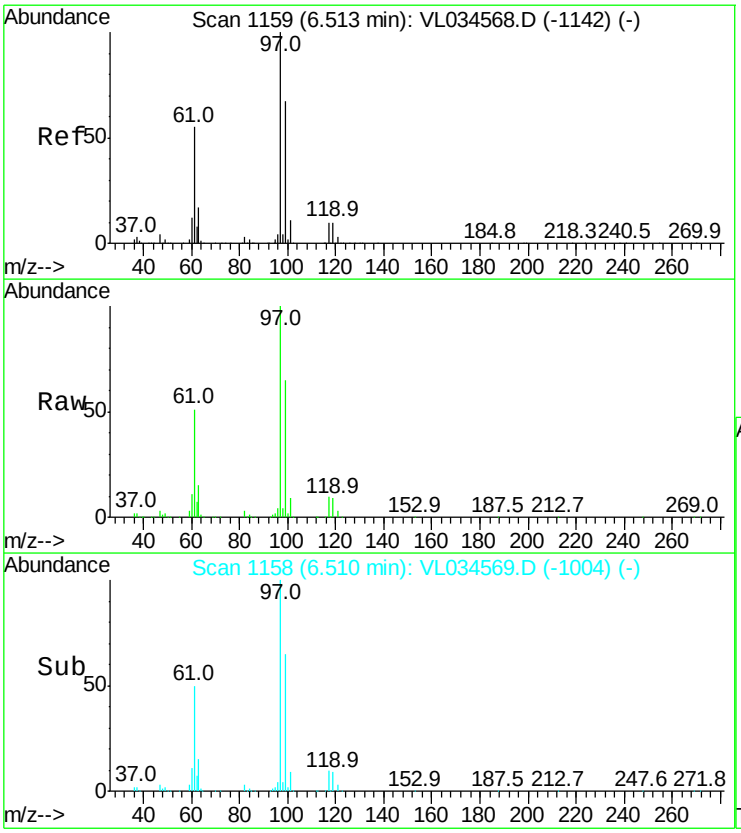
#31
cis-1,2-Dichloroethene
Concen: 2.251 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 263239

Ion	Ratio	Lower	Upper
61	100		
96	57.4	47.1	70.7
98	37.6	31.0	46.6

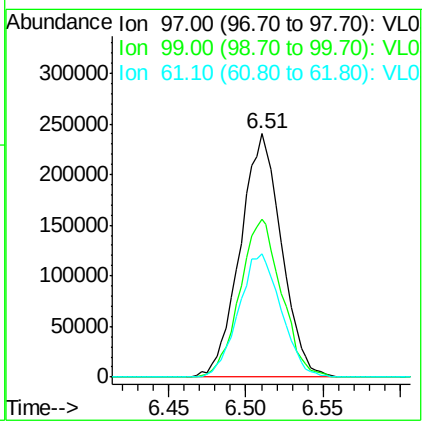


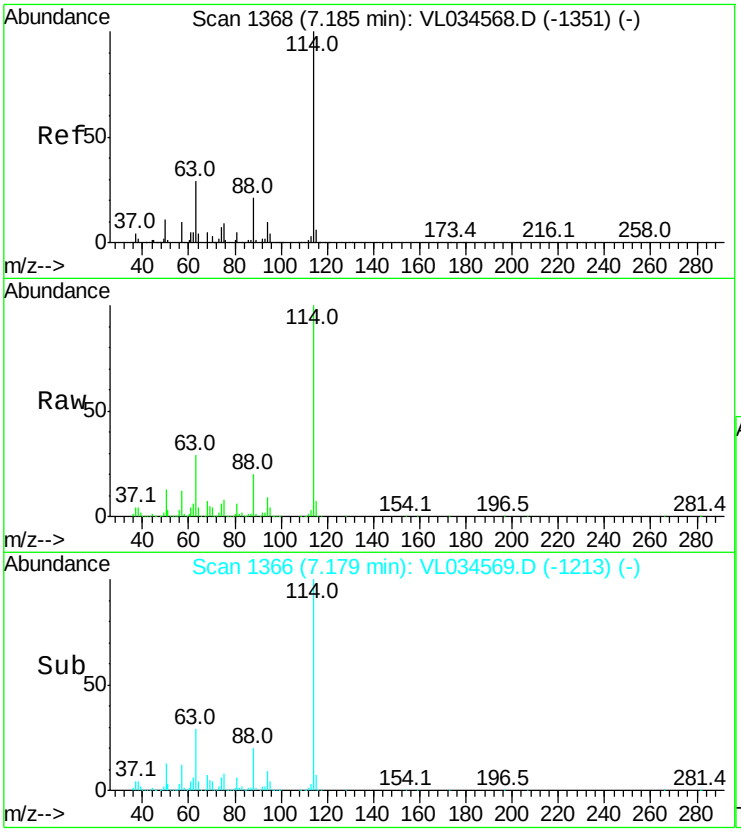


#32
1,1,1-Trichloroethane
Concen: 2.171 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 97 Resp: 447573

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	52.1	42.9	64.3



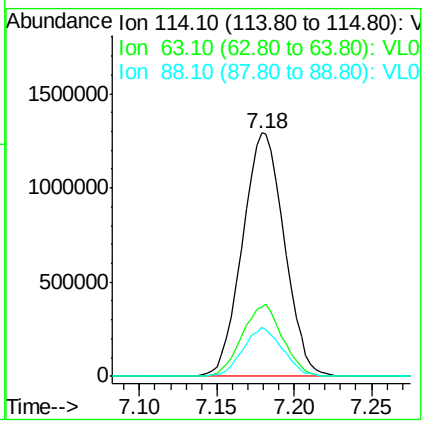


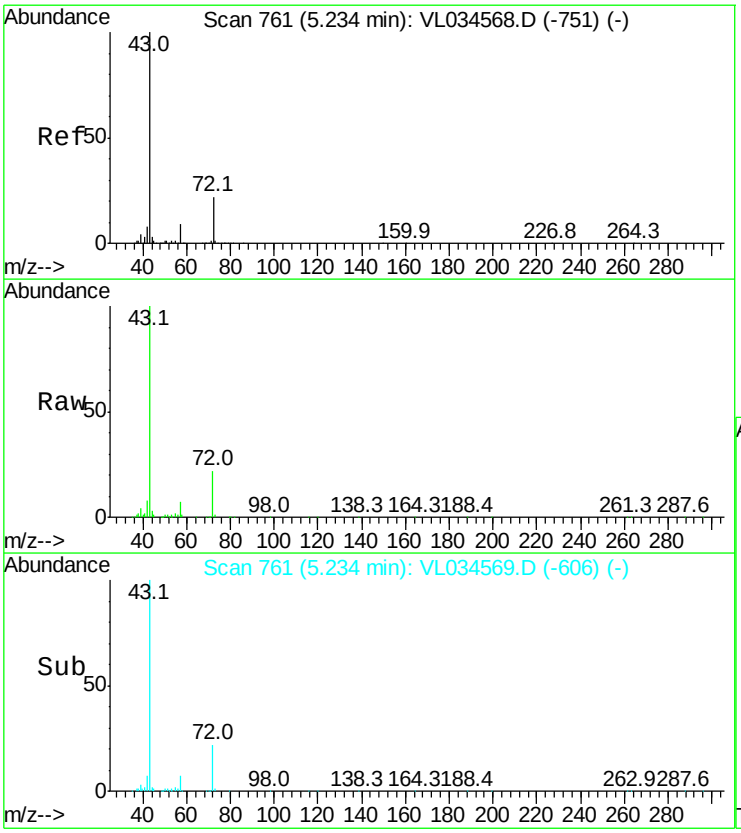
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 2440116

Ion	Ratio	Lower	Upper
114	100		
63	28.8	24.1	36.1
88	19.0	15.7	23.5

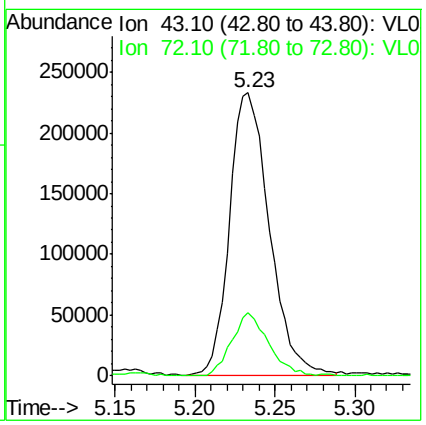


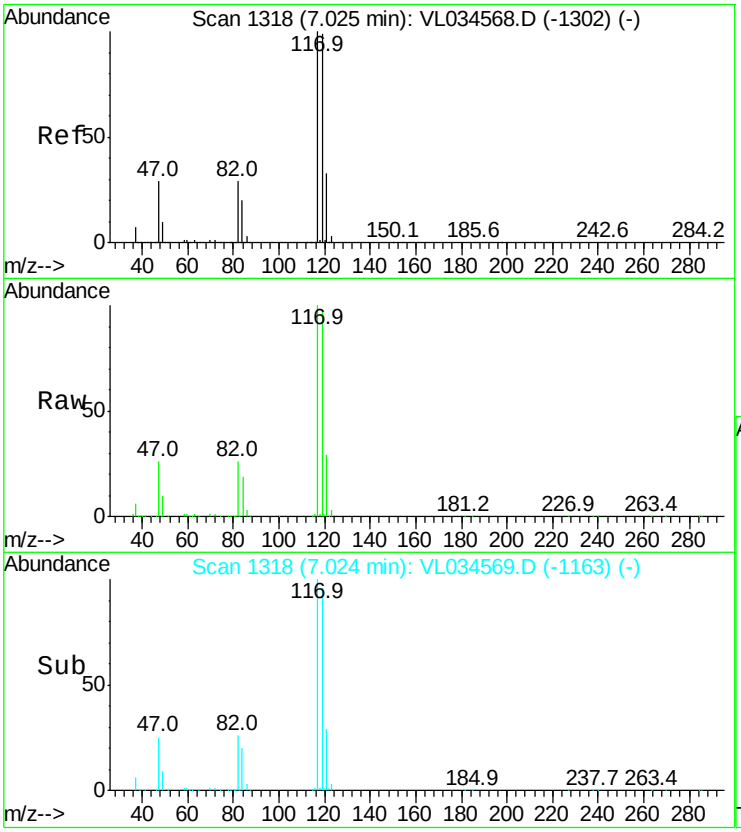


#34
2-Butanone
Concen: 2.263 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 43 Resp: 394692

Ion	Ratio	Lower	Upper
43	100		
72	20.8	17.0	25.4



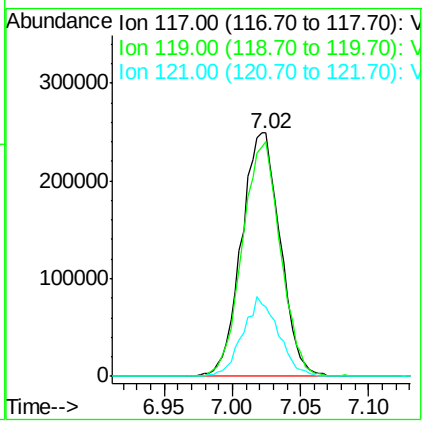


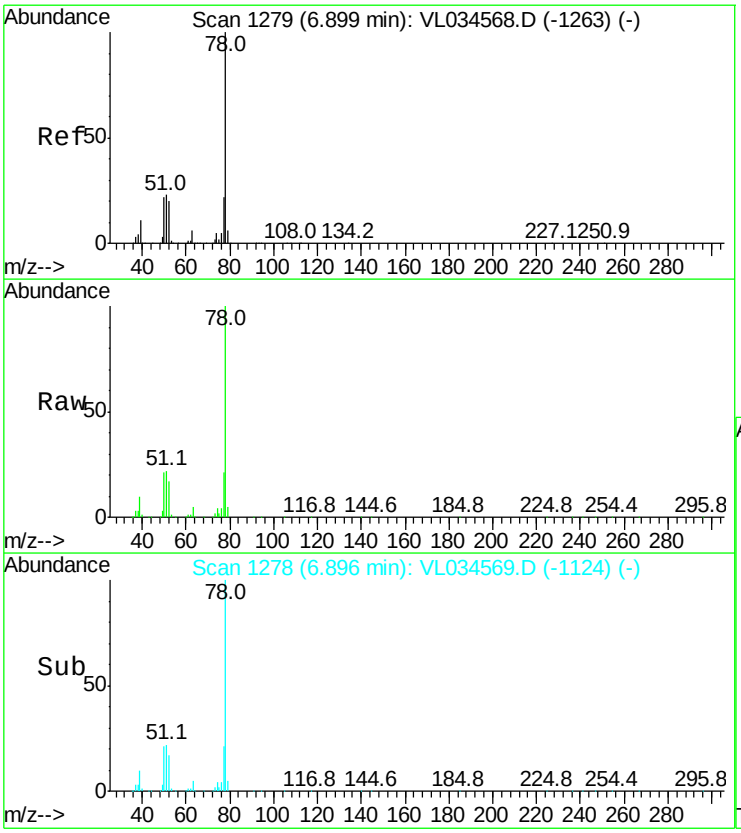
#35
Carbon Tetrachloride
Concen: 2.219 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 491055

Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.7	118.1
121	28.8	25.9	38.9

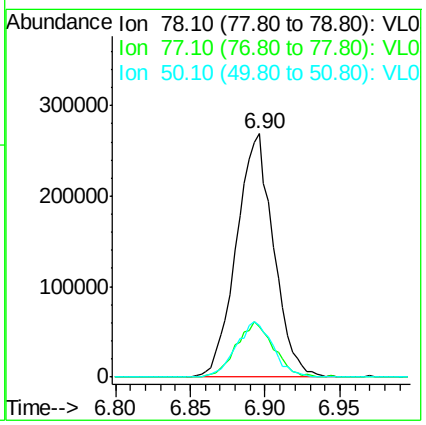


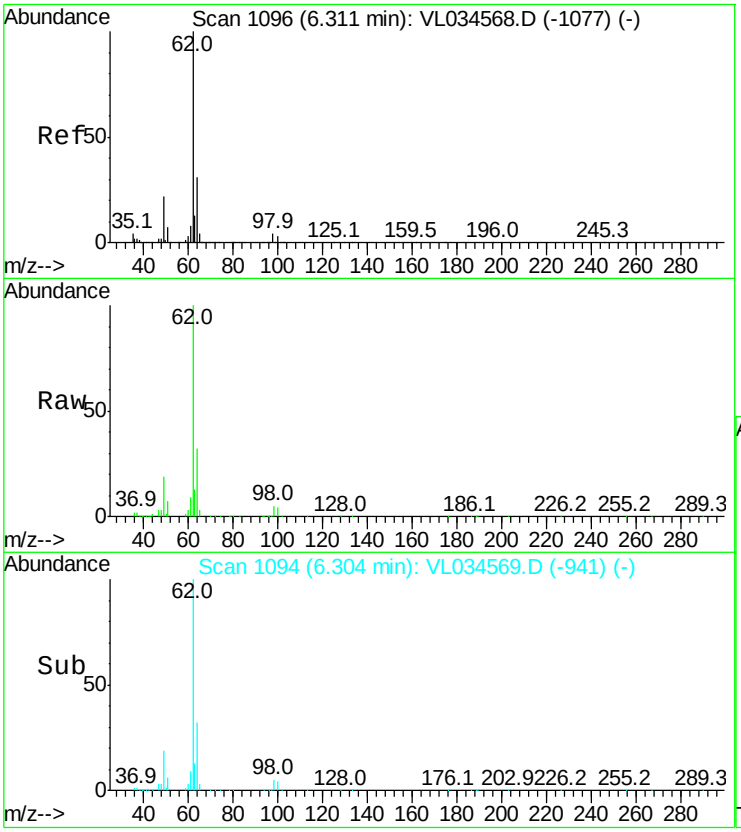


#36
Benzene
Concen: 2.184 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 78 Resp: 464630

Ion	Ratio	Lower	Upper
78	100		
77	20.8	18.6	28.0
50	21.0	18.8	28.2



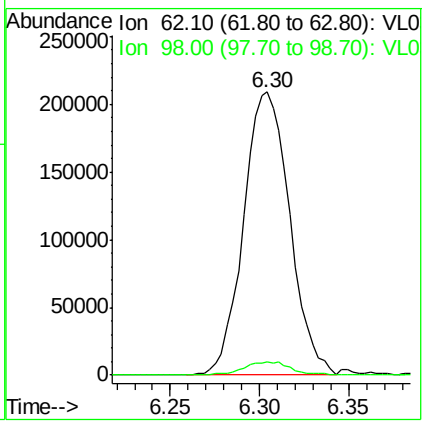


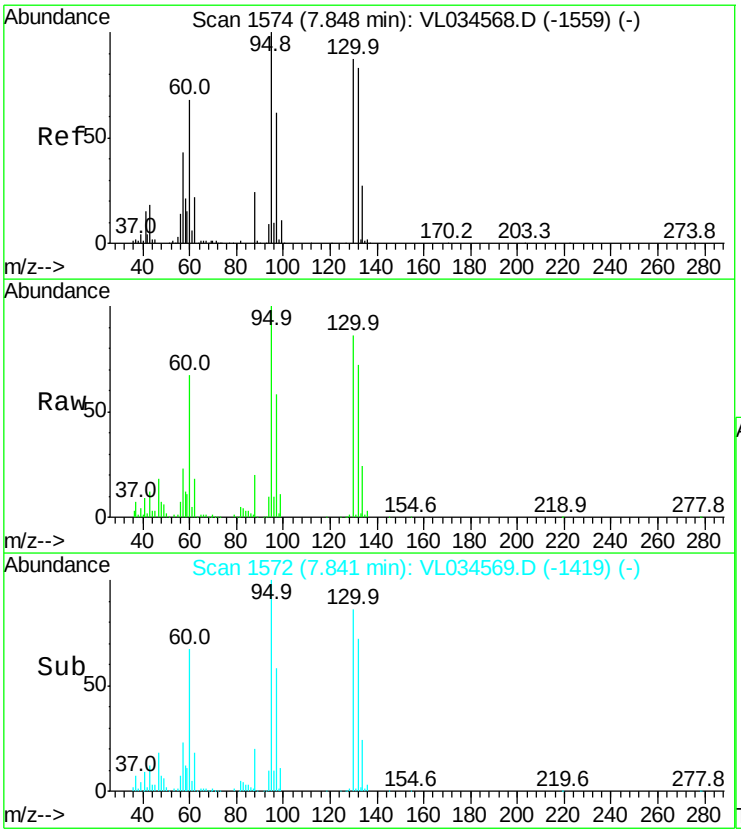
#37
1,2-Dichloroethane
Concen: 2.186 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 377667

Ion	Ratio	Lower	Upper
62	100		
98	4.8	3.8	5.6

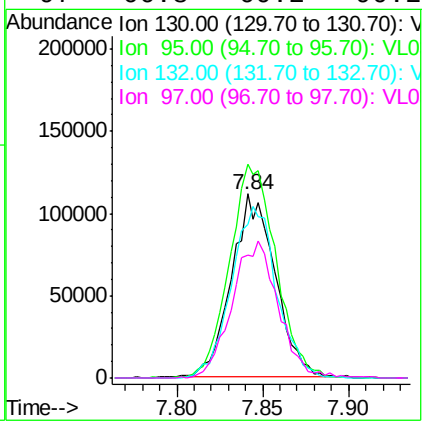


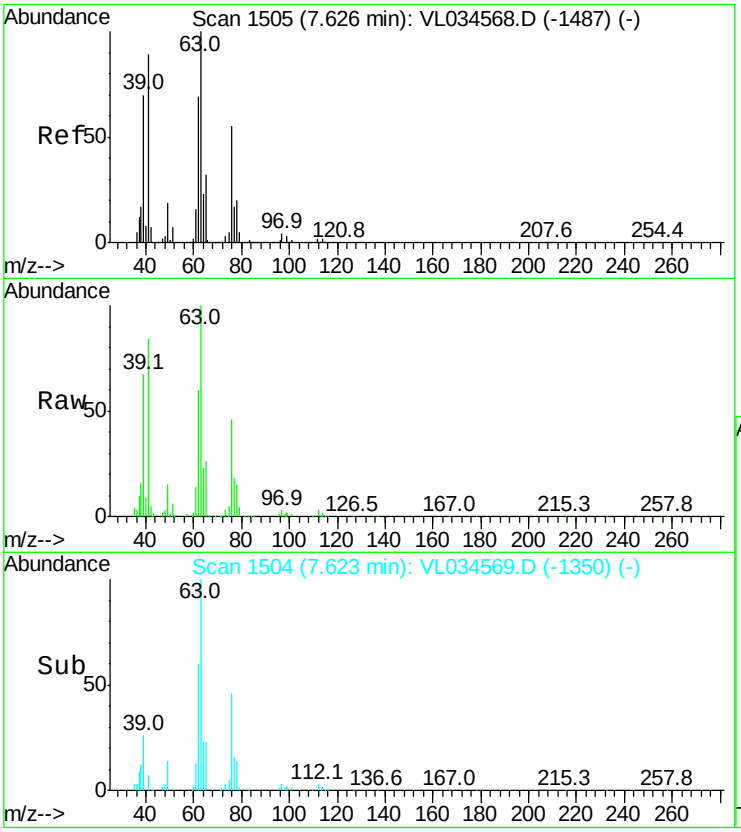


#38
Trichloroethene
Concen: 2.281 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:130 Resp: 195998

Ion	Ratio	Lower	Upper
130	100		
95	115.7	94.2	141.2
132	83.5	76.1	114.1
97	66.8	60.2	90.2



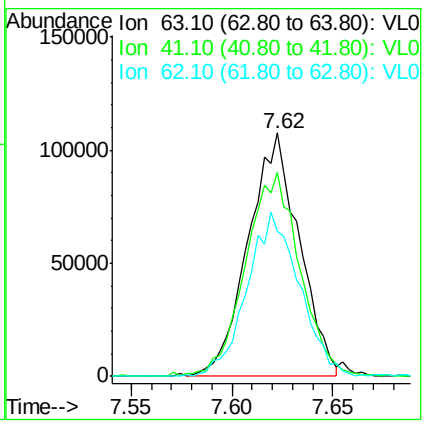


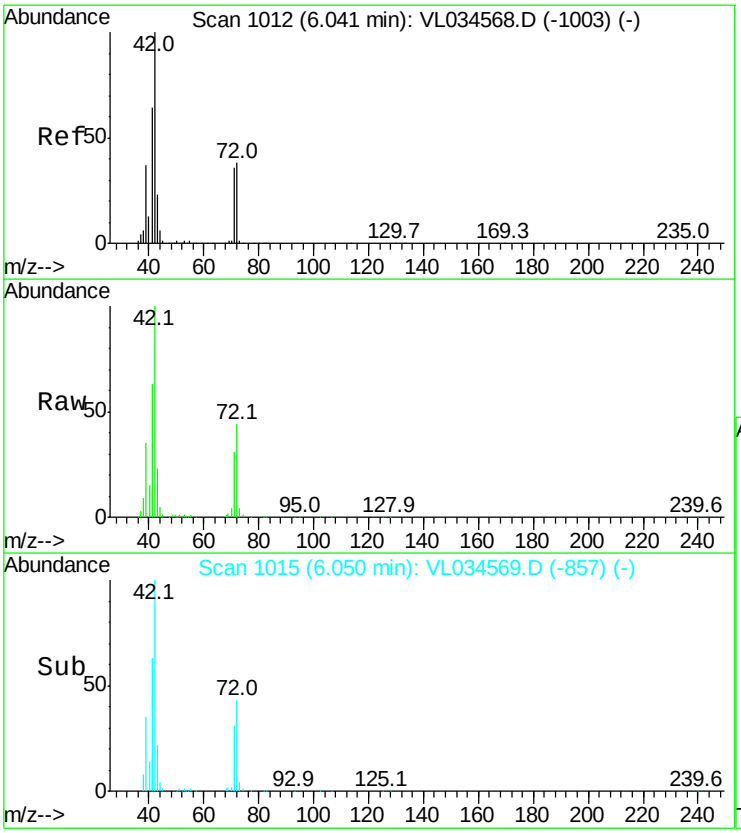
#39
1,2-Dichloropropane
Concen: 2.143 ppbv
RT: 7.62 min Scan# 1504
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 187455

Ion	Ratio	Lower	Upper
63	100		
41	82.9	66.1	99.1
62	59.1	54.9	82.3

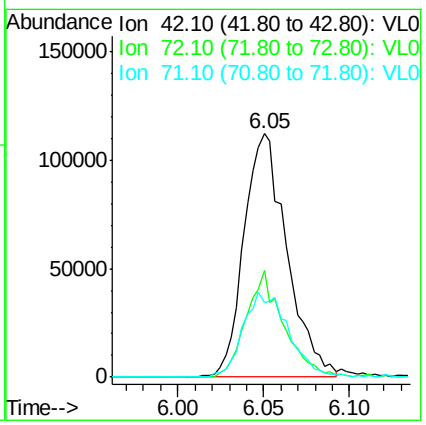


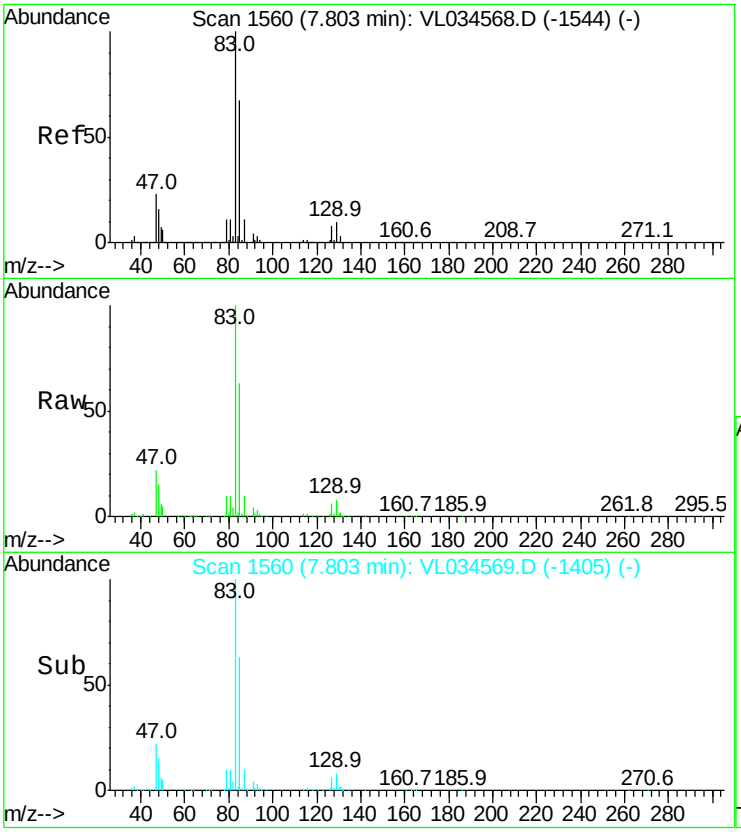


#41
Tetrahydrofuran
Concen: 2.176 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 42 Resp: 194654

Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.9	46.3
71	37.2	28.9	43.3



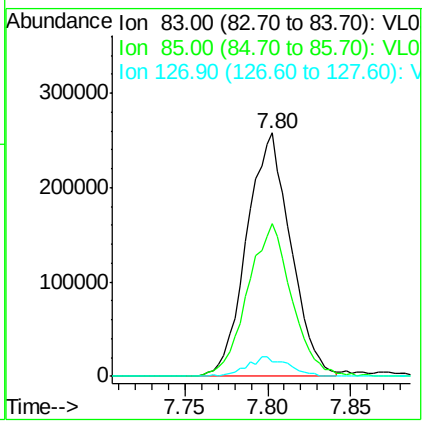


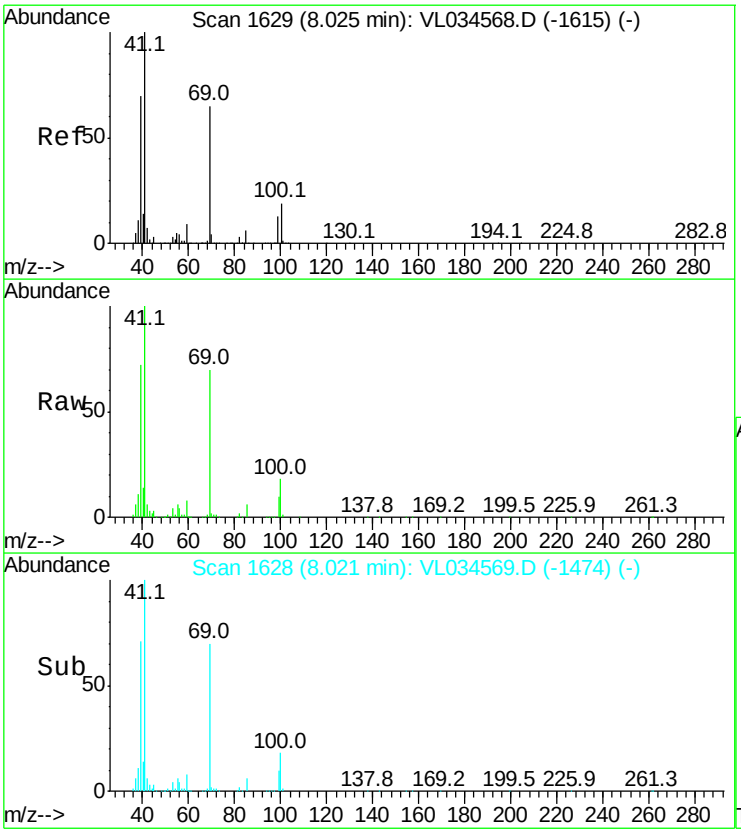
#42
Bromodichloromethane
Concen: 2.242 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 476615

Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.4	74.2
127	6.1	6.2	9.4#

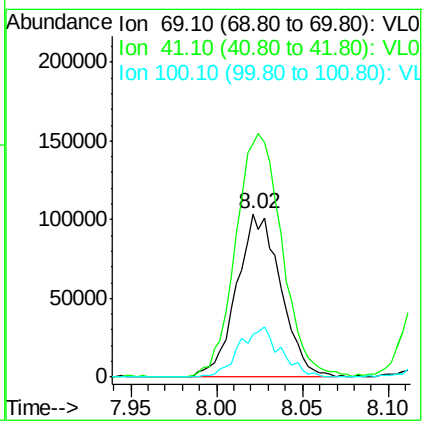


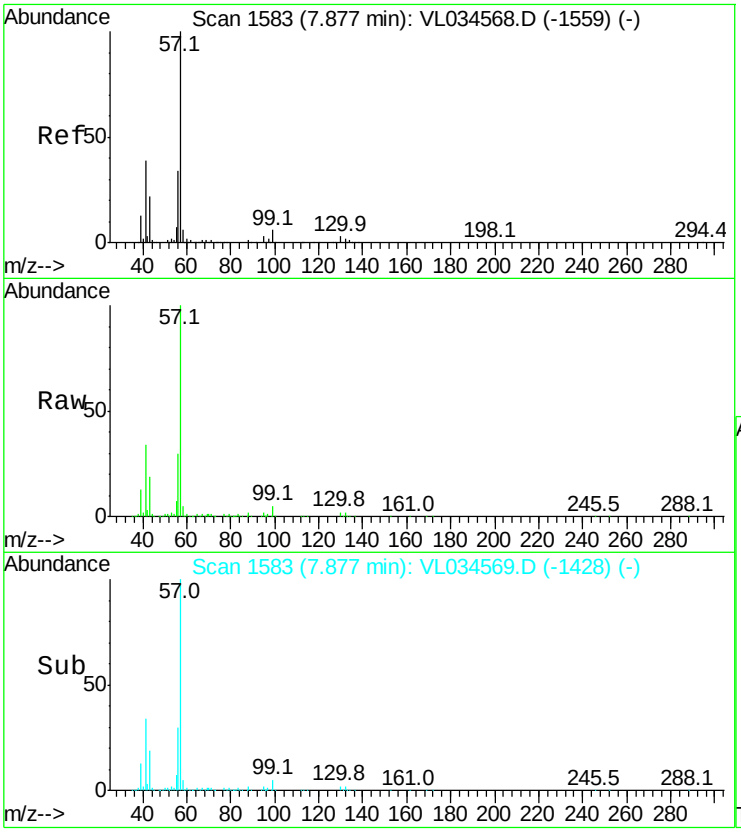


#43
Methyl Methacrylate
Concen: 2.138 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 69 Resp: 185481

Ion	Ratio	Lower	Upper
69	100		
41	156.7	124.0	186.0
100	28.9	23.1	34.7



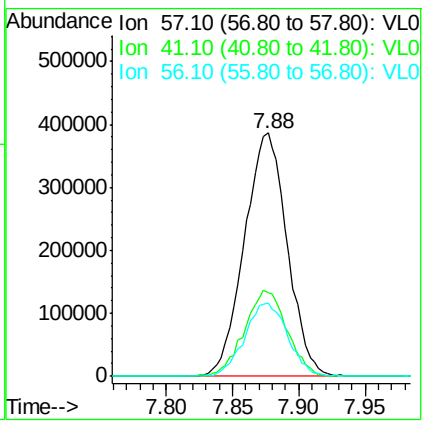


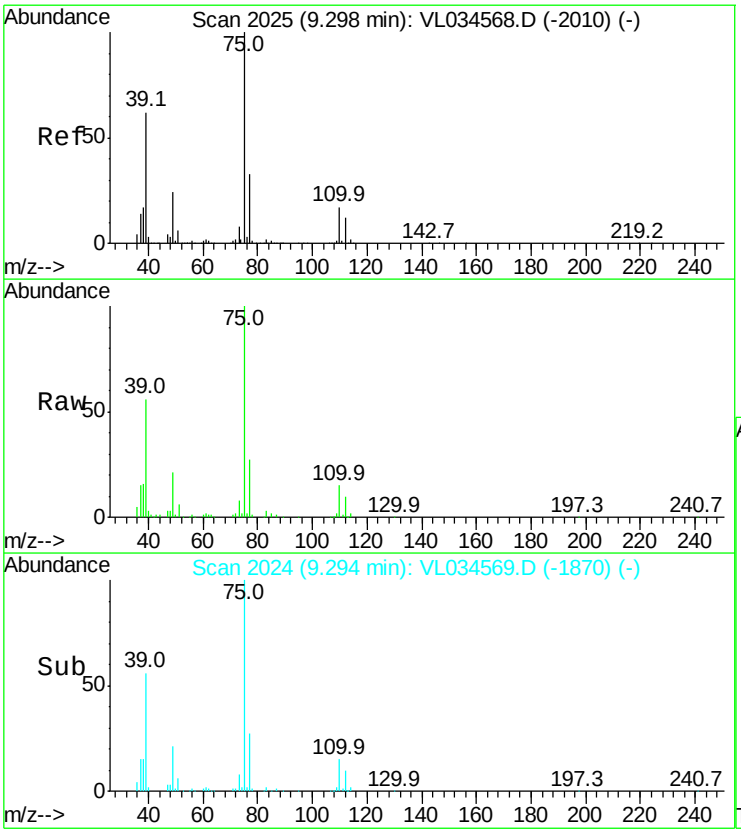
#44
2,2,4-Trimethylpentane
Concen: 2.212 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 57 Resp: 870223

Ion	Ratio	Lower	Upper
57	100		
41	35.3	29.0	43.4
56	30.3	24.9	37.3

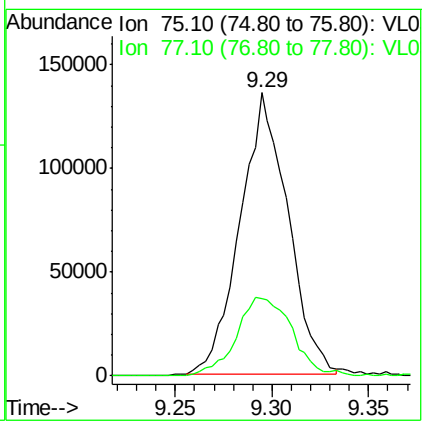


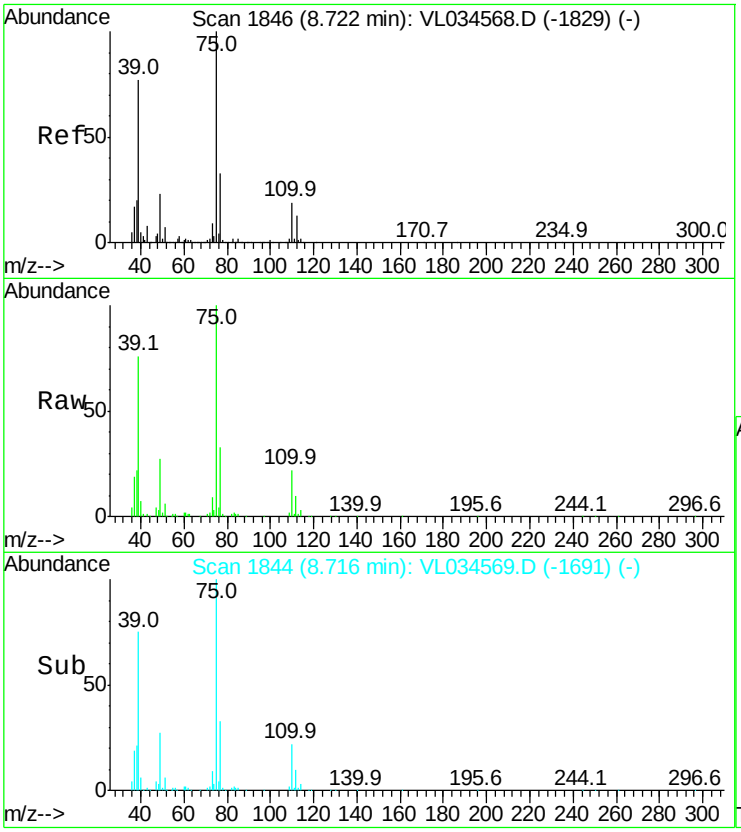


#45
t-1,3-Dichloropropene
Concen: 2.092 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 75 Resp: 233814

Ion	Ratio	Lower	Upper
75	100		
77	27.5	24.2	36.2



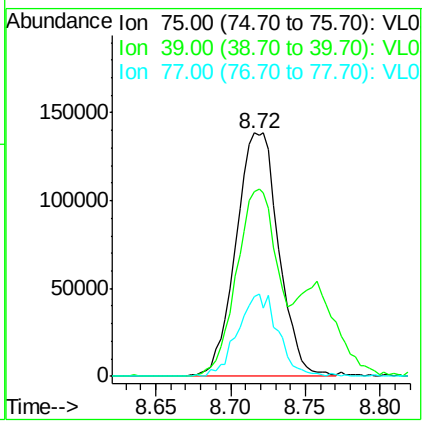


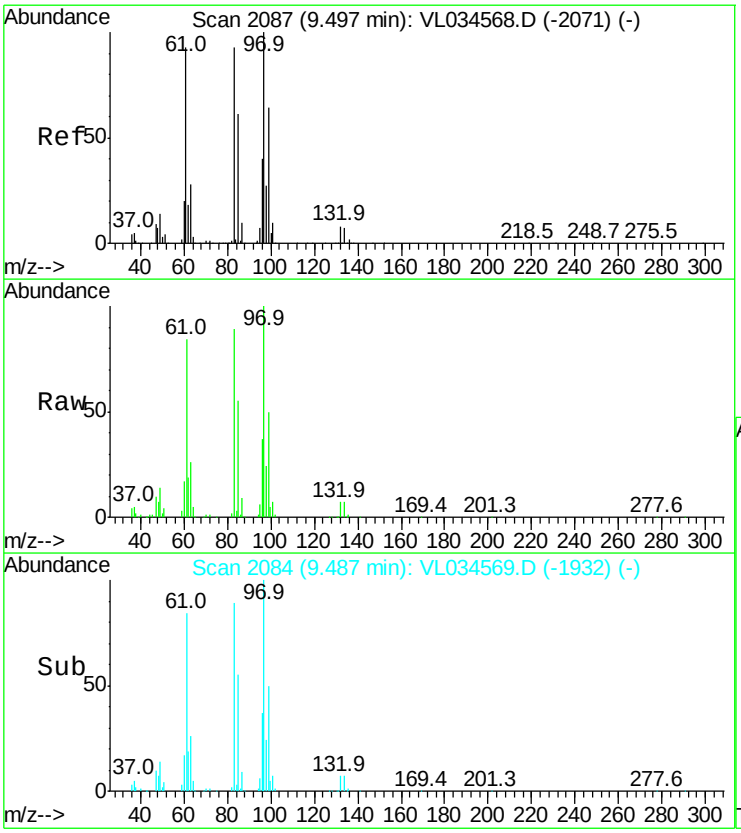
#46
cis-1,3-Dichloropropene
Concen: 2.155 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 275344

Ion	Ratio	Lower	Upper
75	100		
39	75.4	60.5	90.7
77	32.7	24.8	37.2

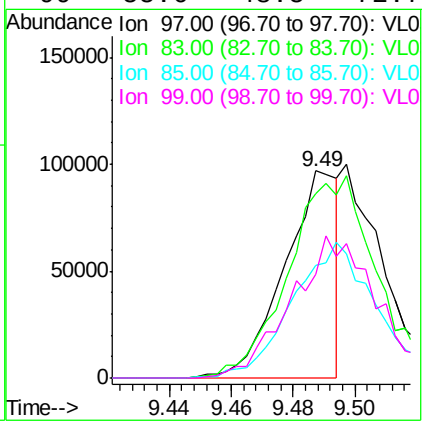


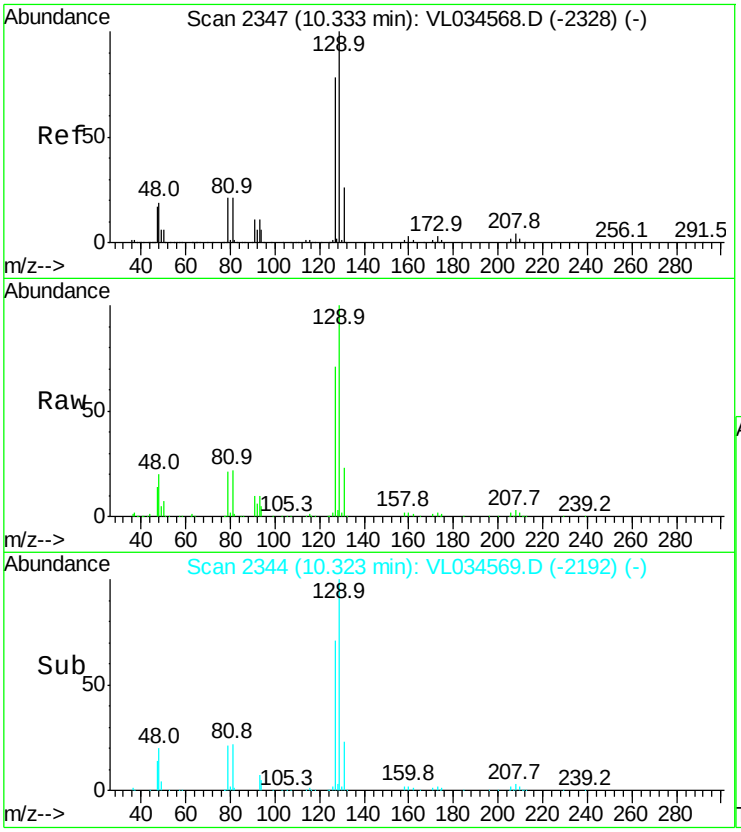


#47
1,1,2-Trichloroethane
Concen: 1.190 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 97 Resp: 114691

Ion	Ratio	Lower	Upper
97	100		
83	89.2	75.0	112.4
85	54.7	48.2	72.4
99	55.6	48.5	72.7



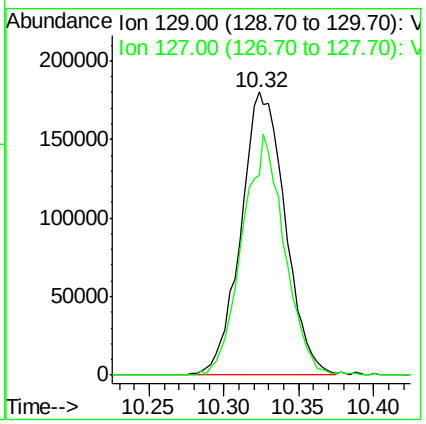


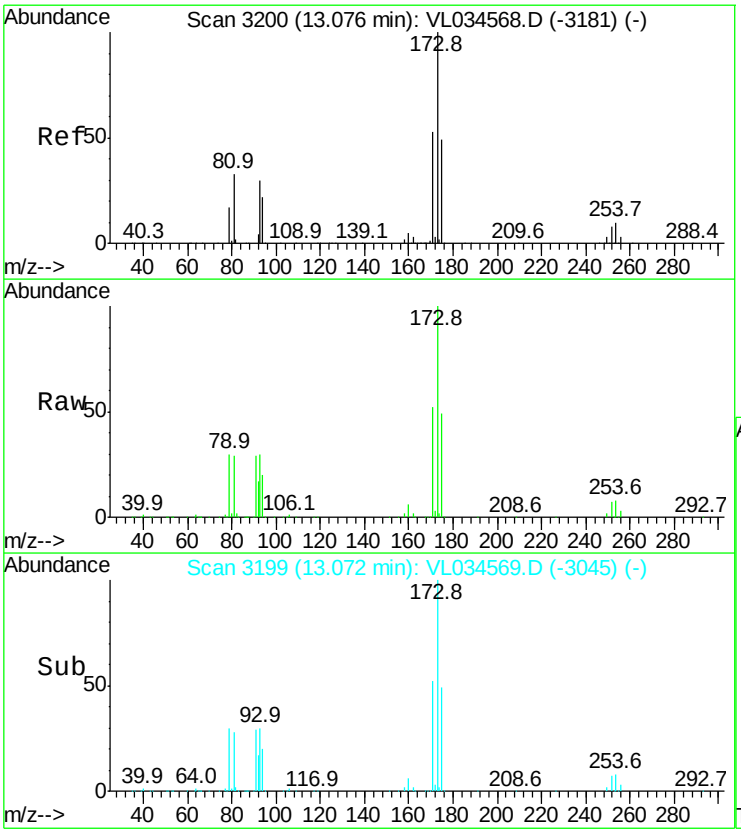
#48
Dibromochloromethane
Concen: 2.218 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:129 Resp: 370748

Ion	Ratio	Lower	Upper
129	100		
127	81.0	39.4	118.2

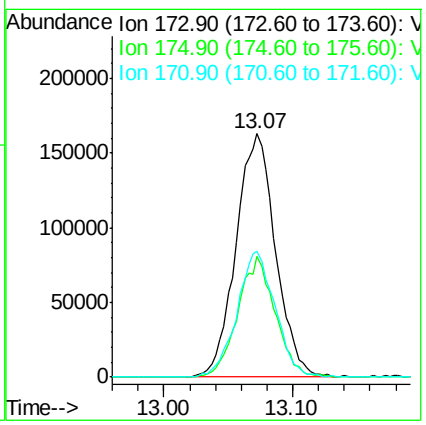


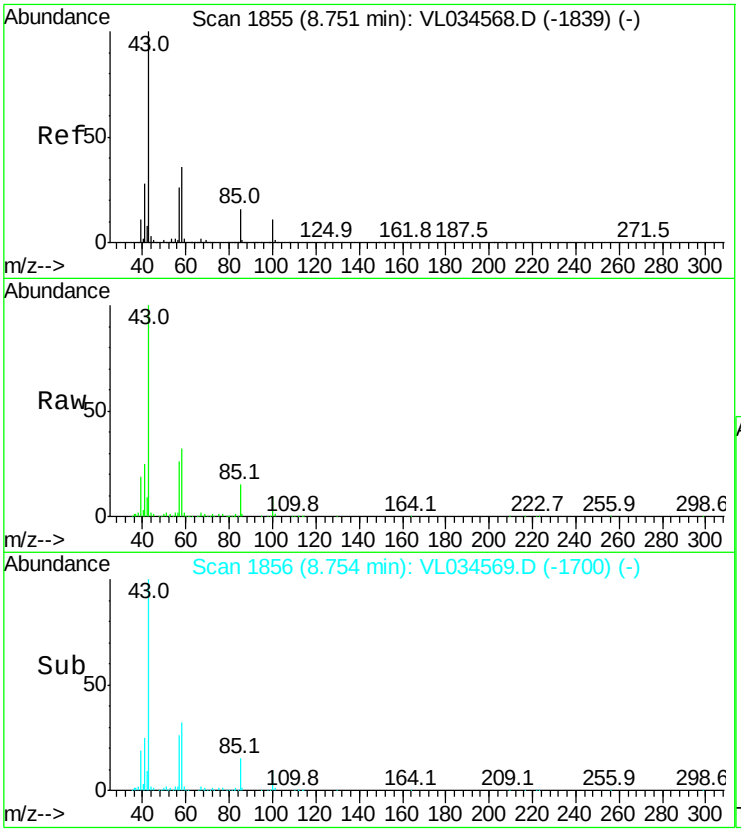


#49
Bromoform
Concen: 2.295 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:173 Resp: 347261

Ion	Ratio	Lower	Upper
173	100		
175	46.9	39.8	59.8
171	49.9	42.1	63.1



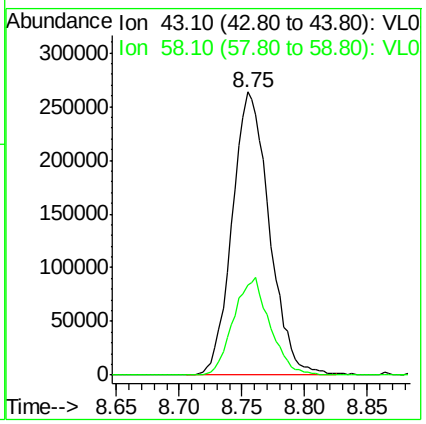


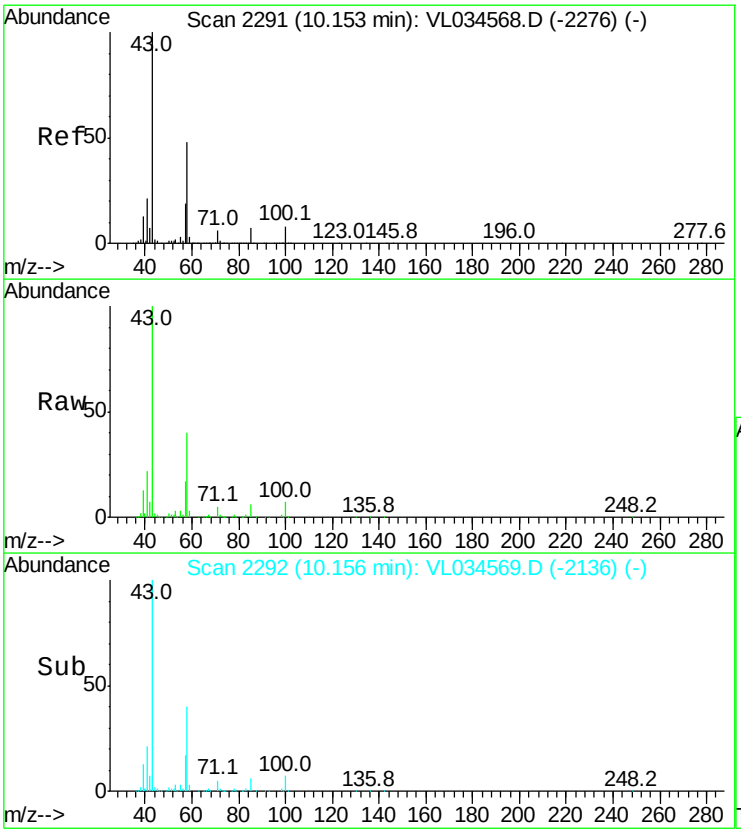
#50
4-Methyl-2-Pentanone
Concen: 2.145 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 542868

Ion	Ratio	Lower	Upper
43	100		
58	33.7	28.2	42.2

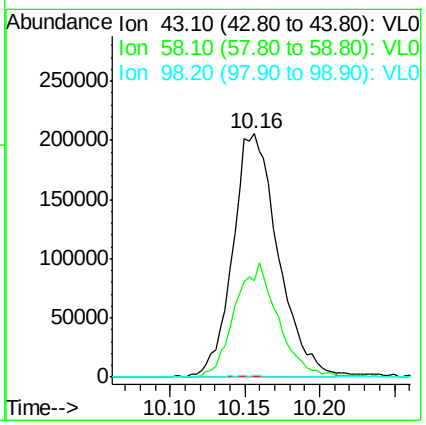


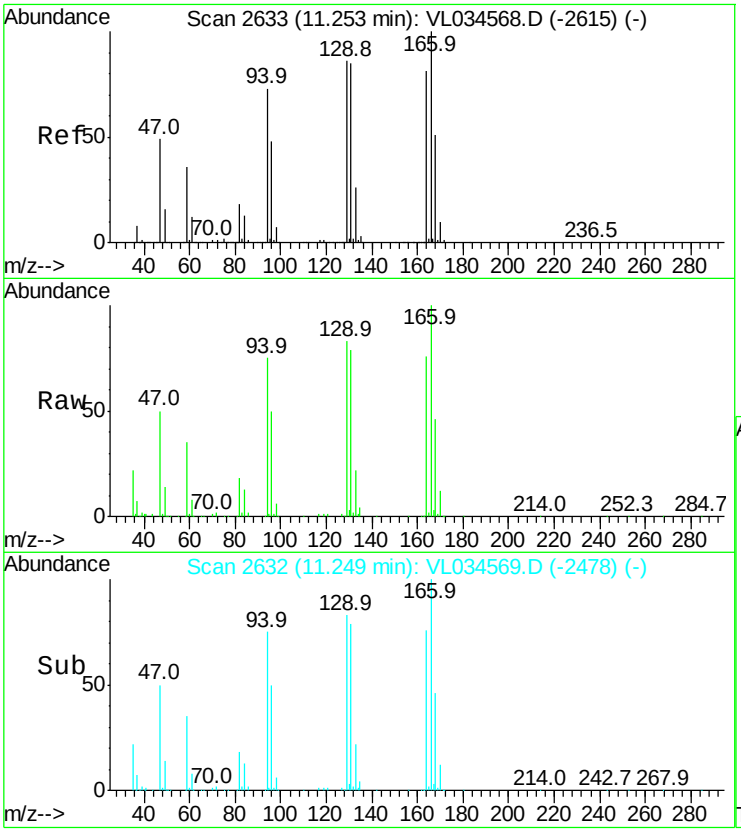


#51
2-Hexanone
Concen: 2.127 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 43 Resp: 434609

Ion	Ratio	Lower	Upper
43	100		
58	44.9	37.4	56.0
98	0.5	0.2	0.2#



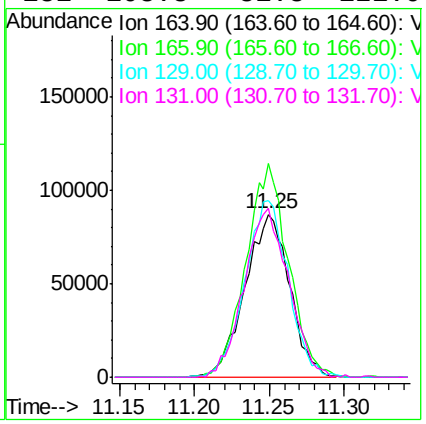


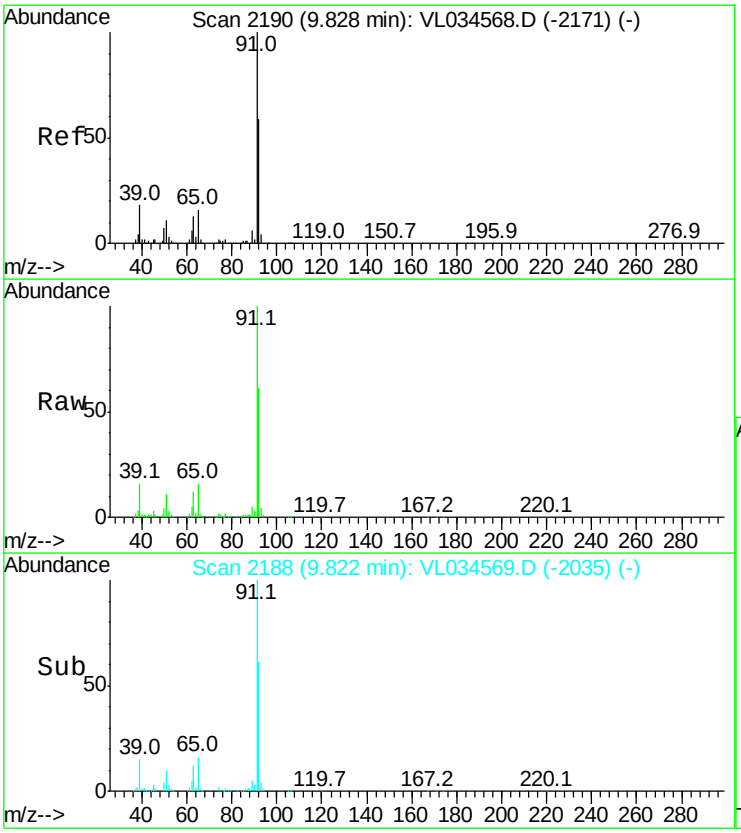
#52
Tetrachloroethene
Concen: 2.177 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:164 Resp: 180668

Ion	Ratio	Lower	Upper
164	100		
166	131.0	95.7	143.5
129	108.1	82.2	123.2
131	103.8	81.3	121.9

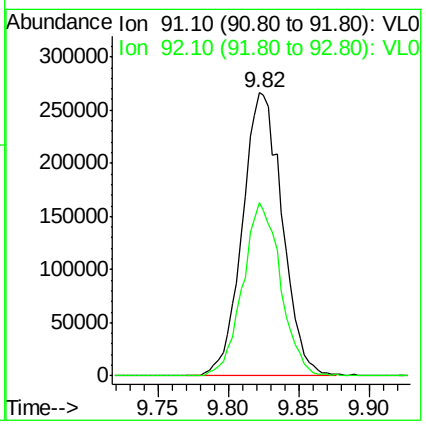


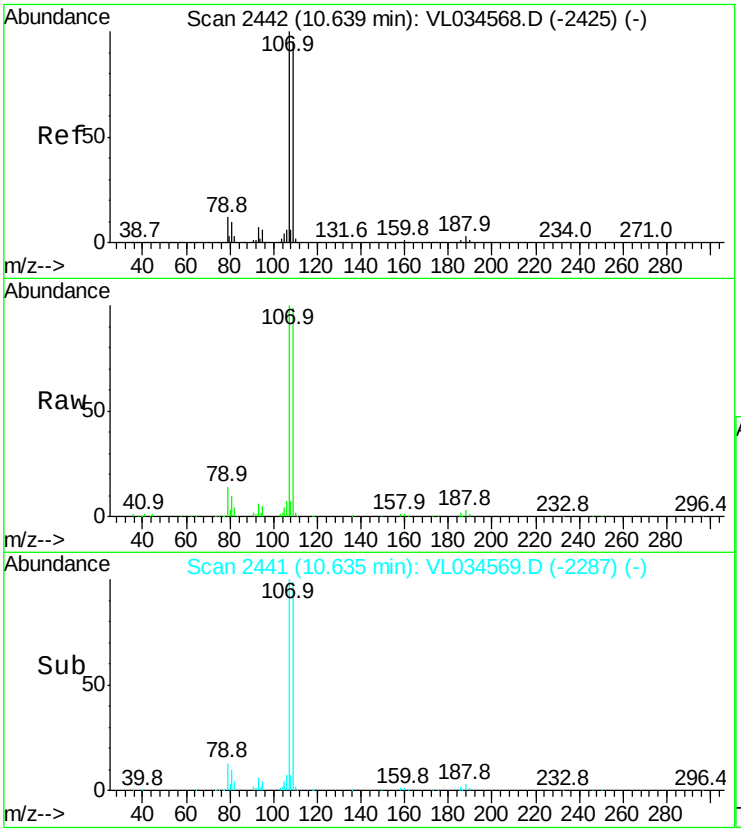


#53
Toluene
Concen: 2.254 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 91 Resp: 526711

Ion	Ratio	Lower	Upper
91	100		
92	58.1	48.4	72.6



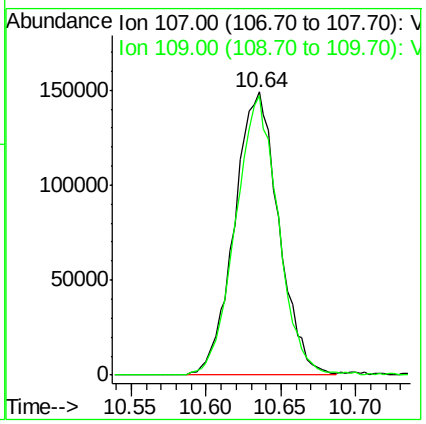


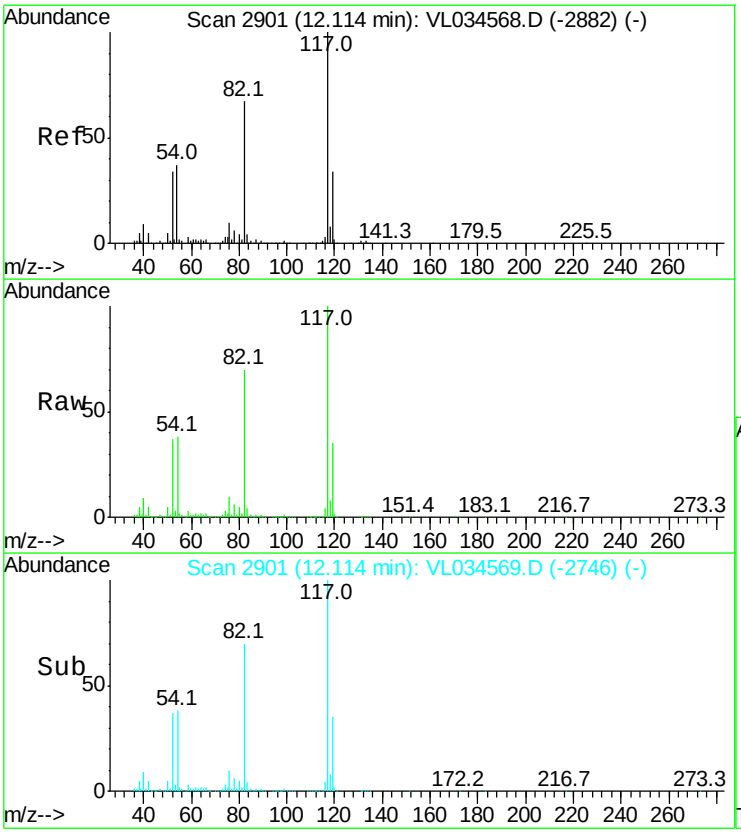
#54
1,2-Dibromoethane
Concen: 2.188 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:107 Resp: 306999

Ion	Ratio	Lower	Upper
107	100		
109	98.4	75.5	113.3

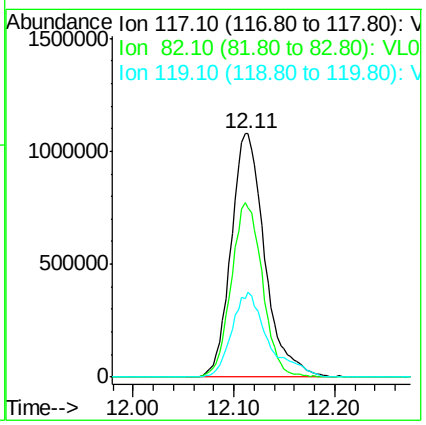


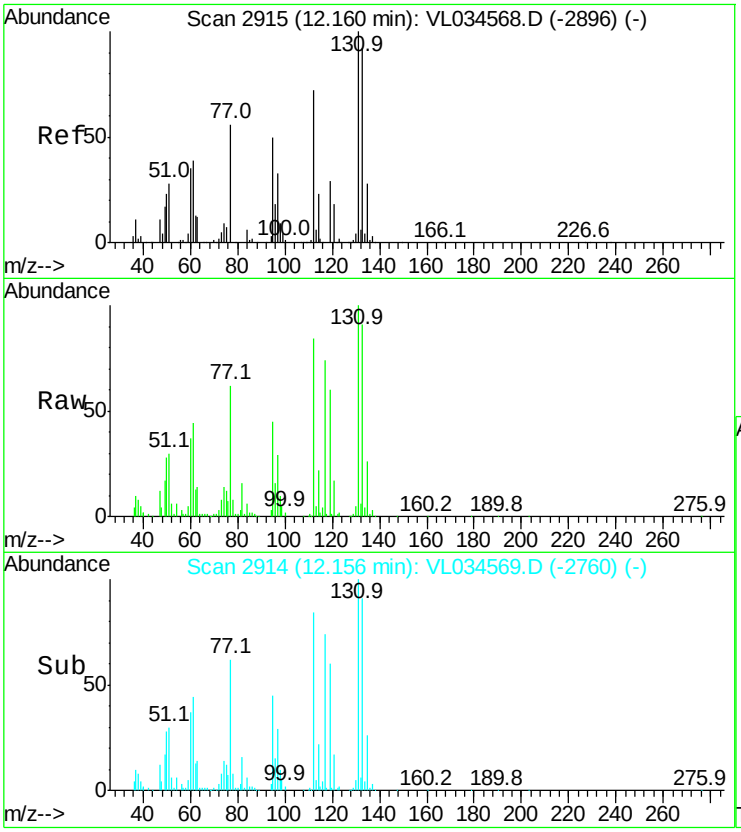


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:117 Resp: 2500075

Ion	Ratio	Lower	Upper
117	100		
82	66.6	56.2	84.4
119	37.6	27.1	40.7



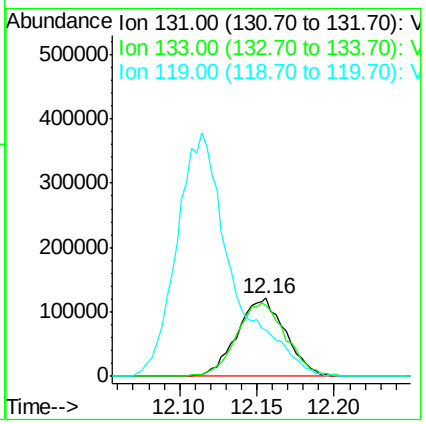


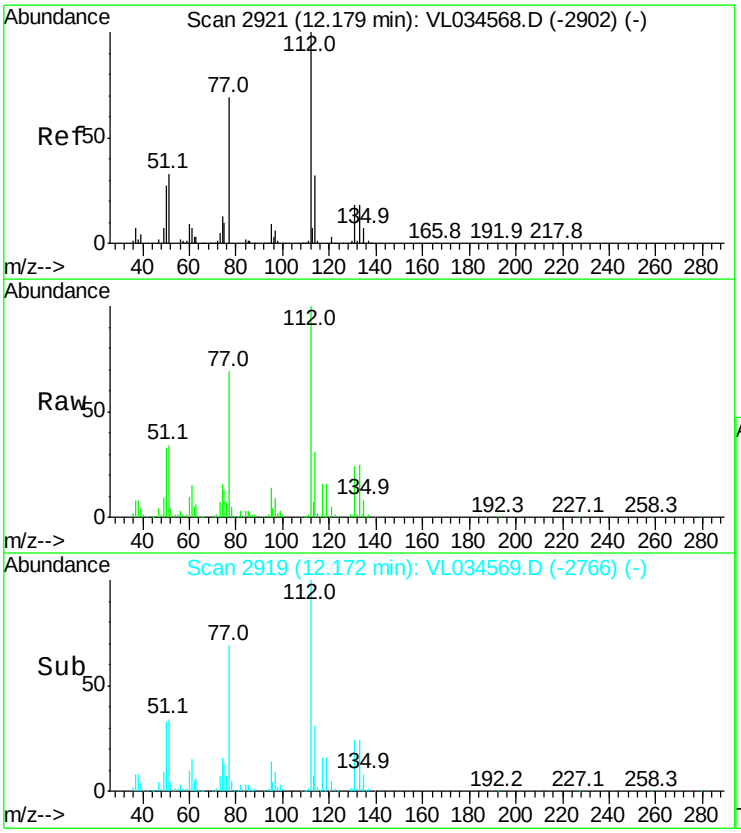
#56
1,1,1,2-Tetrachloroethane
Concen: 2.169 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:131 Resp: 261771

Ion	Ratio	Lower	Upper
131	100		
133	96.8	76.2	114.2
119	358.6	47.1	70.7#

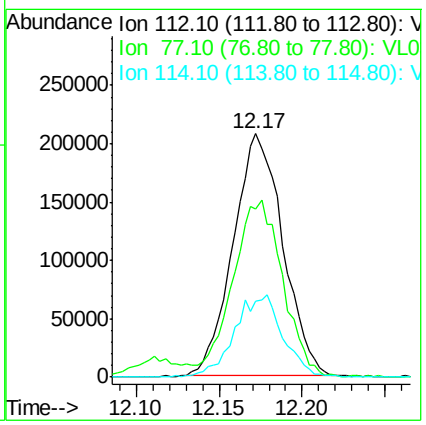


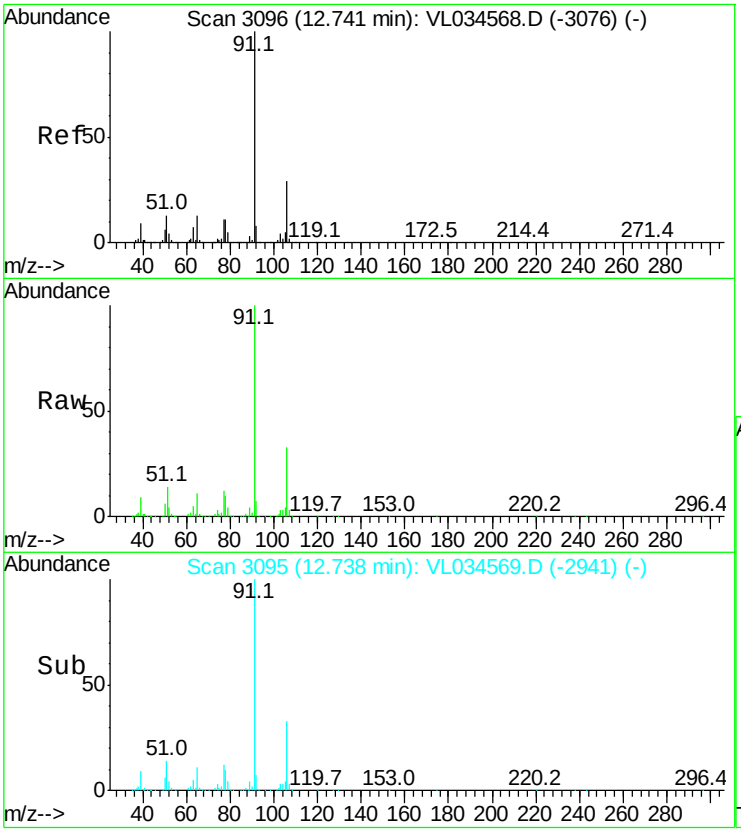


#57
Chlorobenzene
Concen: 2.096 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:112 Resp: 432387

Ion	Ratio	Lower	Upper
112	100		
77	68.6	57.4	86.0
114	30.8	28.4	34.8



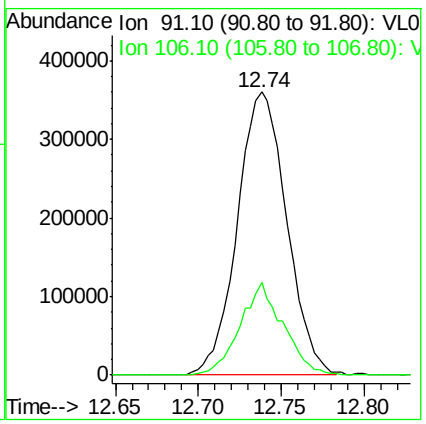


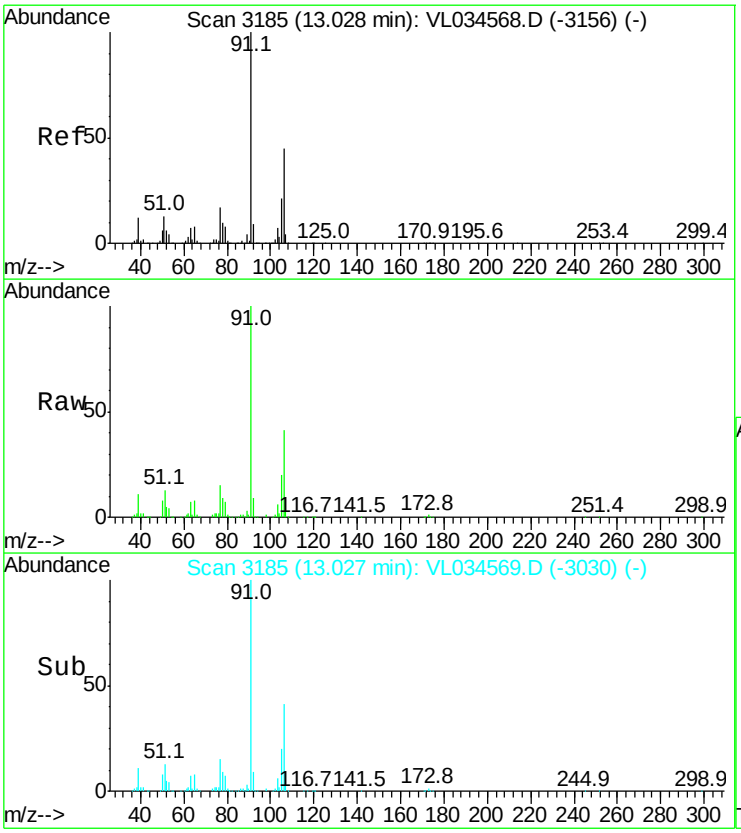
#58
Ethyl Benzene
Concen: 2.191 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 738693

Ion	Ratio	Lower	Upper
91	100		
106	32.6	24.6	36.8

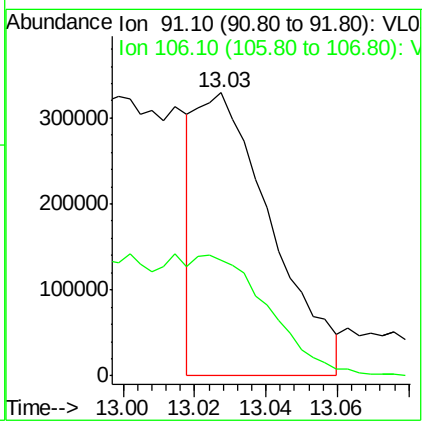


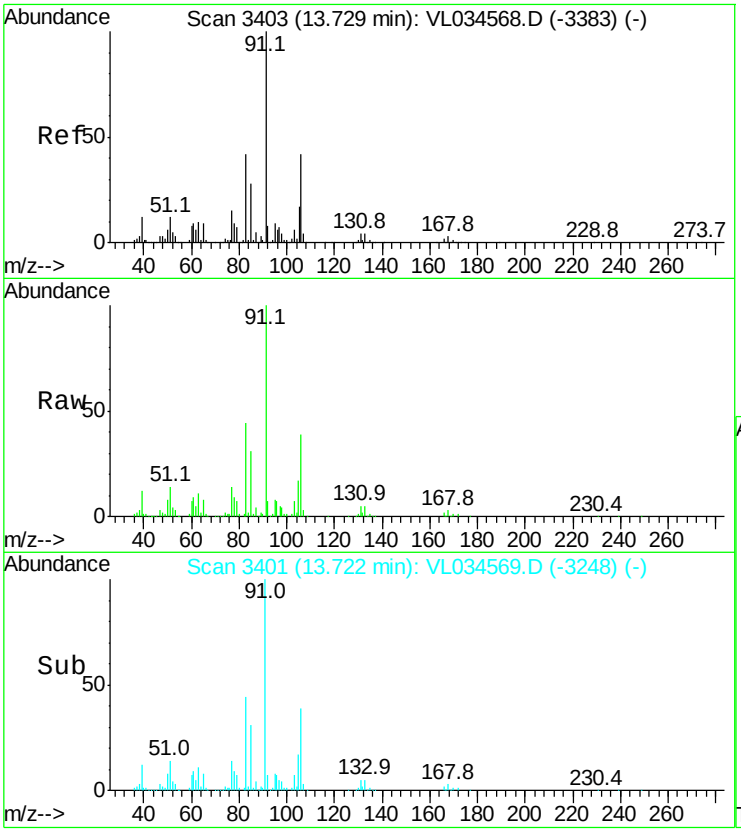


#59
m/p-Xylene
Concen: 1.625 ppbv
RT: 13.03 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 91 Resp: 479216

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.6	53.4#



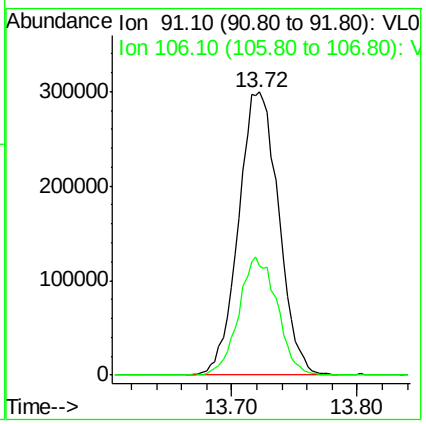


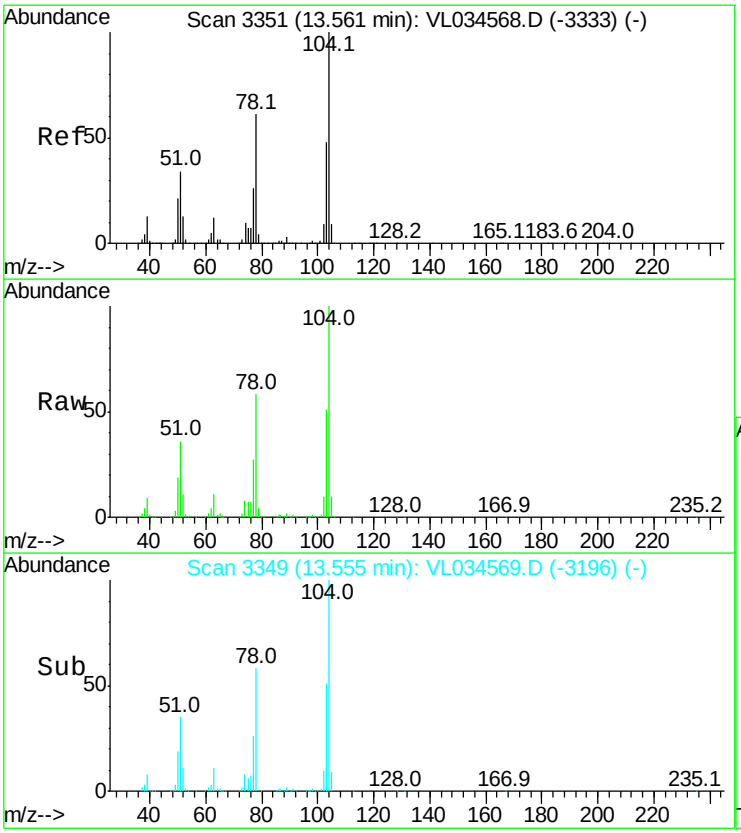
#60
o-Xylene
Concen: 2.251 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 666005

Ion	Ratio	Lower	Upper
91	100		
106	39.9	21.4	64.3

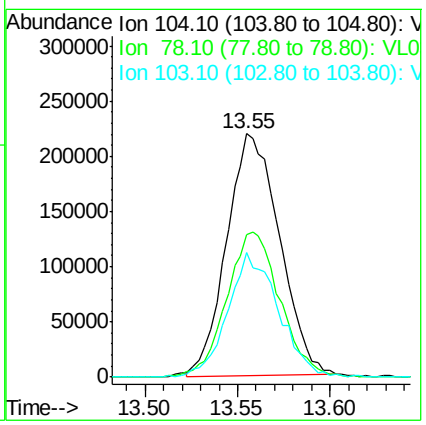


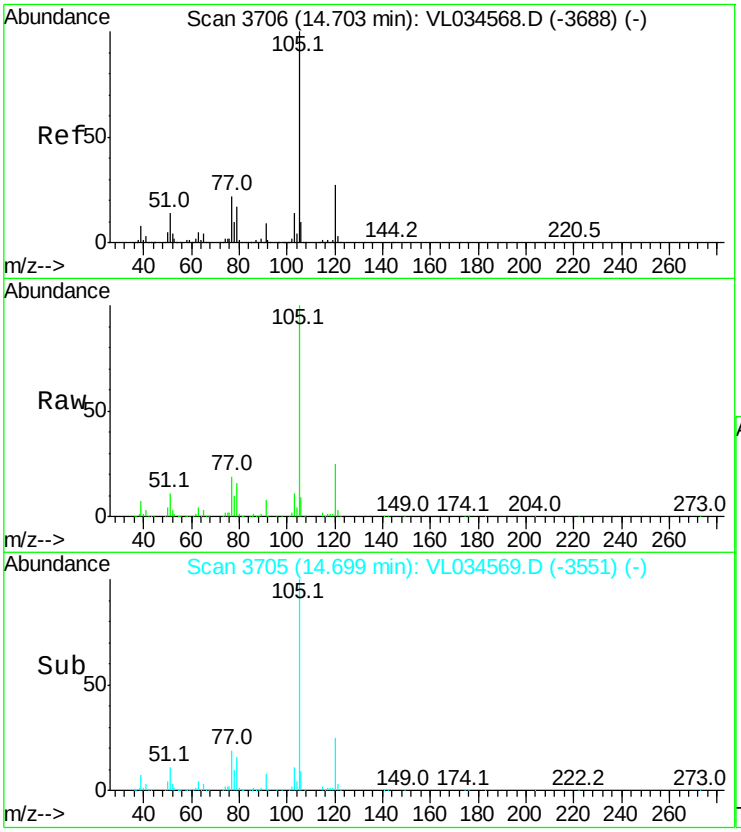


#61
Styrene
Concen: 2.147 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:104 Resp: 434249

Ion	Ratio	Lower	Upper
104	100		
78	60.6	47.7	71.5
103	49.3	38.6	58.0



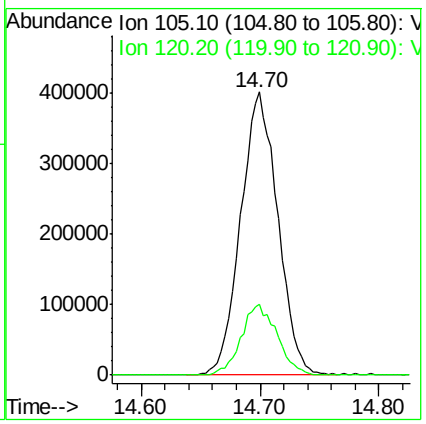


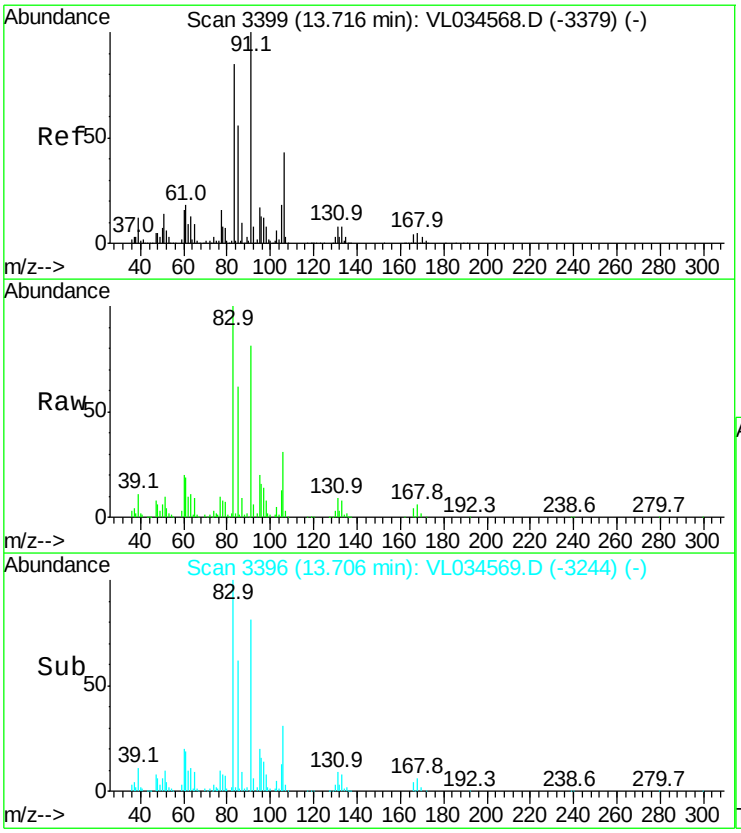
#62
Isopropylbenzene
Concen: 2.233 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 864303

Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.6	30.8

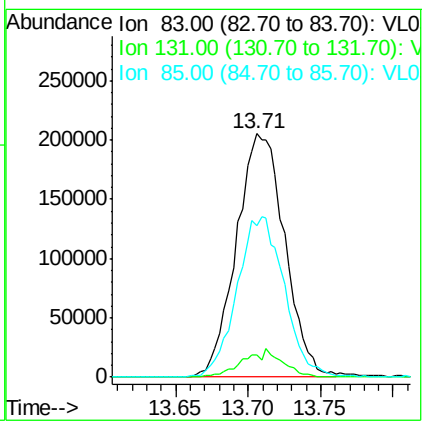


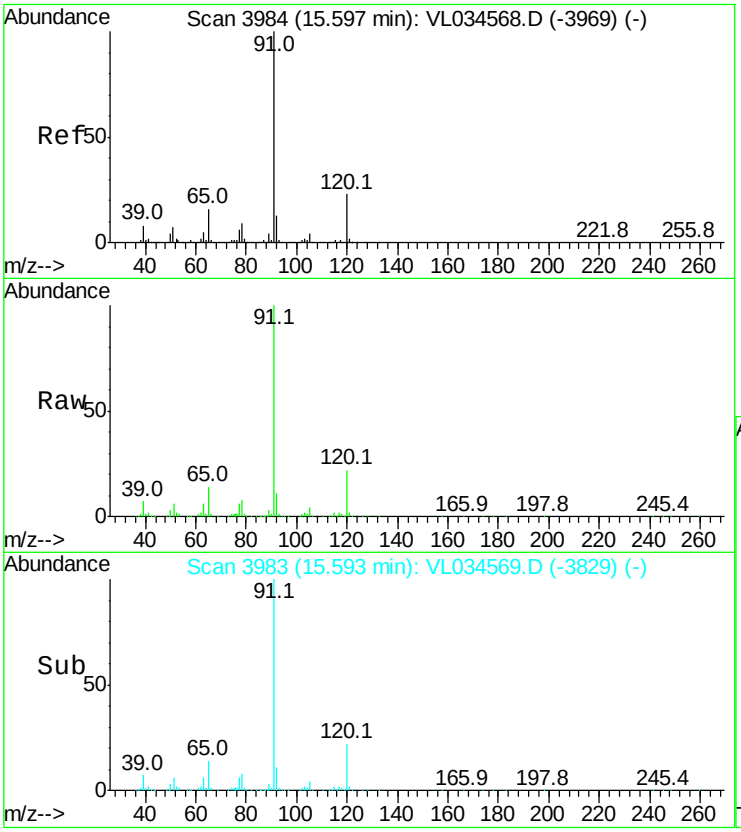


#63
1,1,2,2-Tetrachloroethane
Concen: 2.004 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 83 Resp: 475700

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	65.0	32.5	97.4



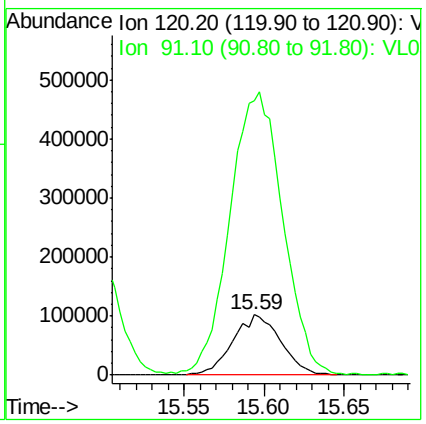


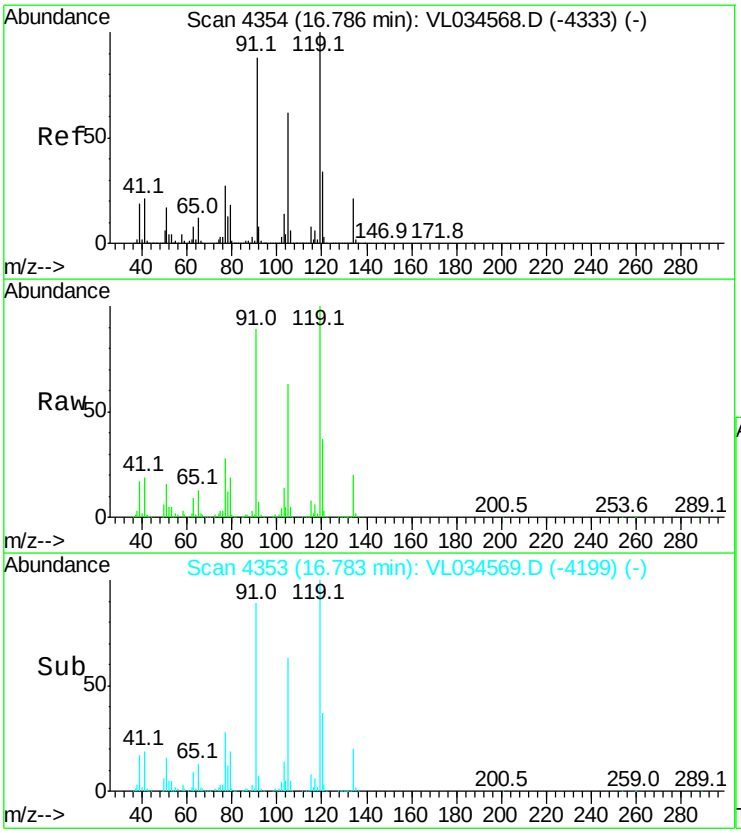
#64
n-propylbenzene
Concen: 2.130 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:120 Resp: 210478

Ion	Ratio	Lower	Upper
120	100		
91	516.0	375.6	563.4

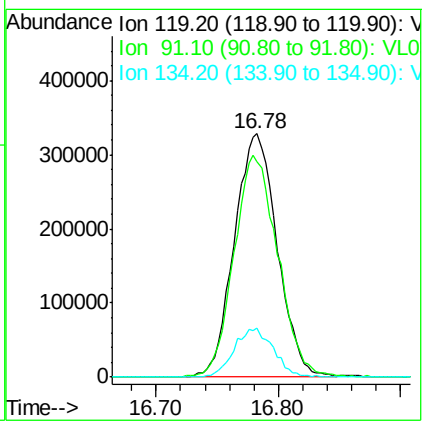


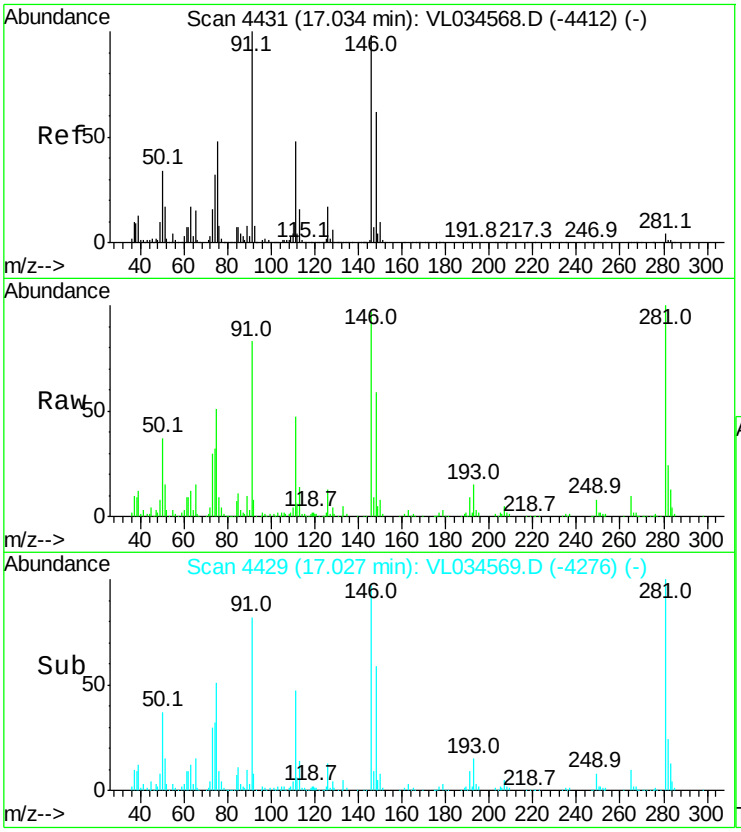


#65
tert-Butylbenzene
Concen: 2.281 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:119 Resp: 797389

Ion	Ratio	Lower	Upper
119	100		
91	93.3	72.0	108.0
134	18.5	16.1	24.1



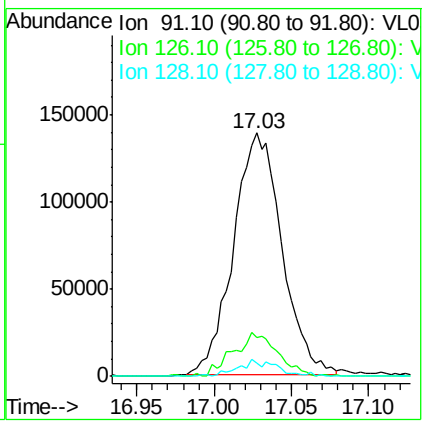


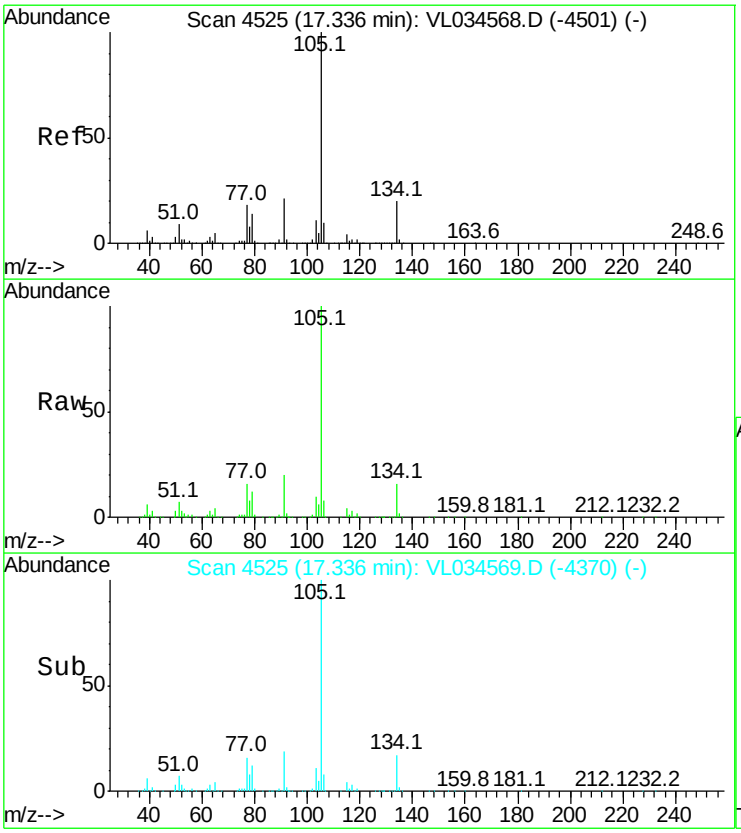
#66
Benzyl Chloride
Concen: 1.977 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 303018

Ion	Ratio	Lower	Upper
91	100		
126	16.9	13.1	19.7
128	5.7	4.2	6.4

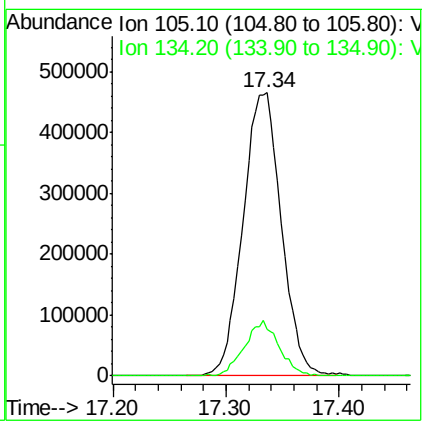


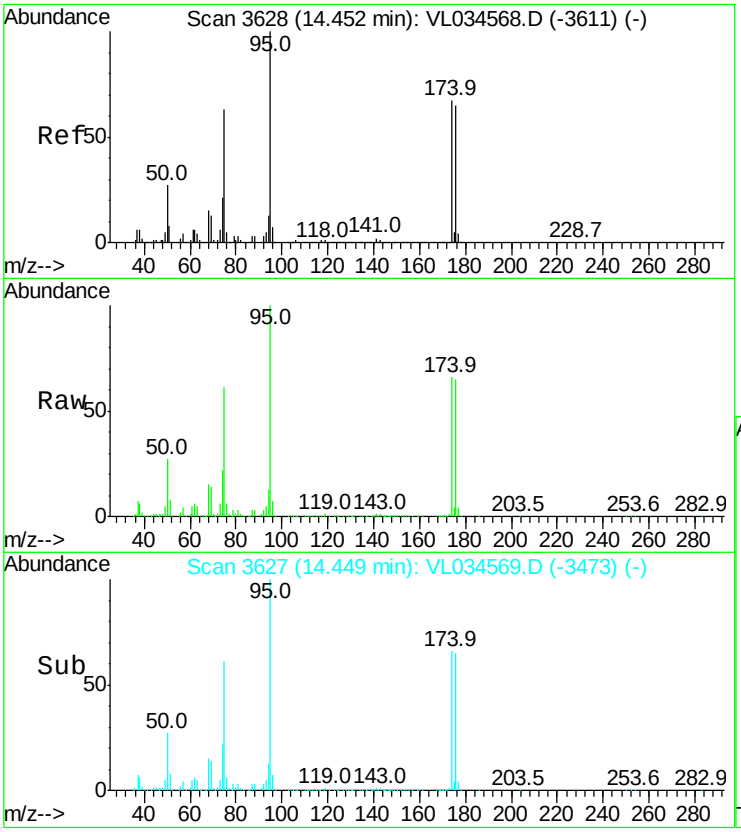


#67
sec-Butylbenzene
Concen: 2.230 ppbv
RT: 17.34 min Scan# 4525
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:105 Resp: 1094874

Ion	Ratio	Lower	Upper
105	100		
134	17.8	15.1	22.7



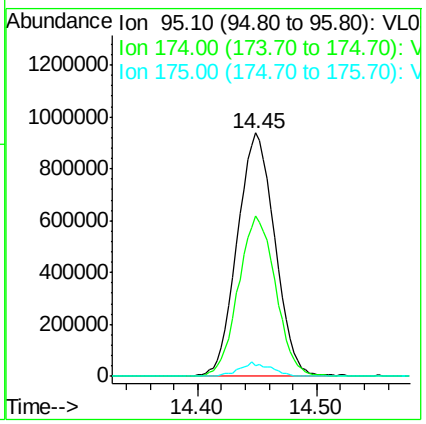


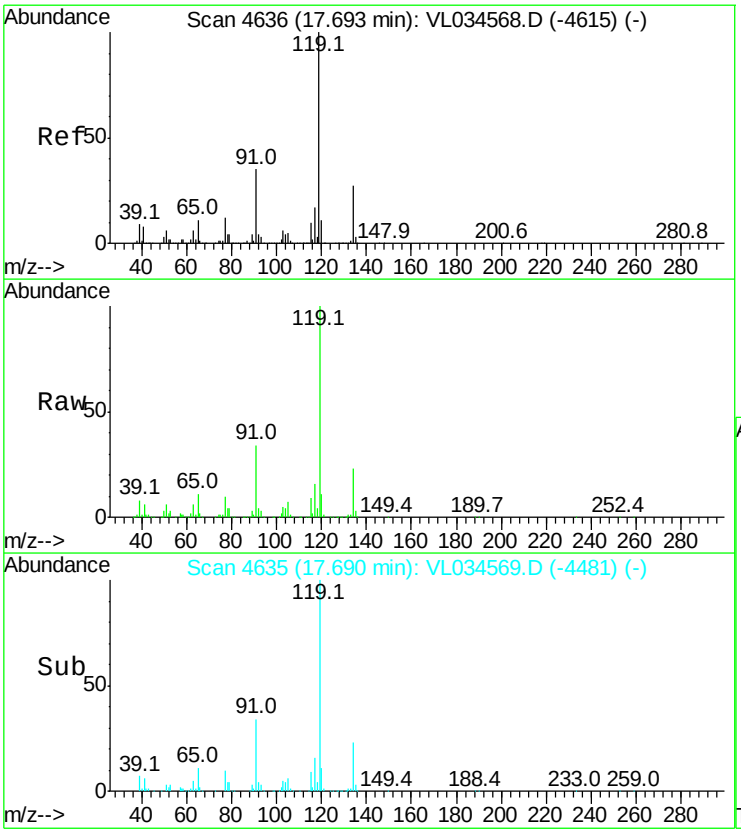
#68
1-Bromo-4-Fluorobenzene
Concen: 9.850 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 95 Resp: 2054966

Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.4	78.6
175	4.8	3.9	5.9

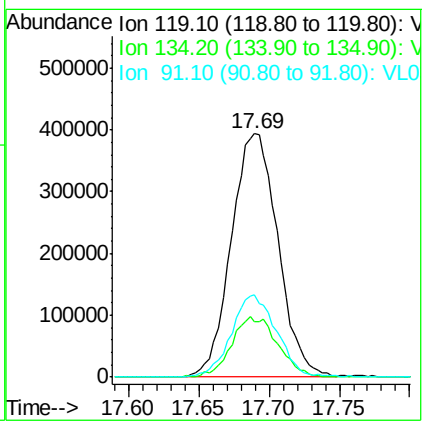


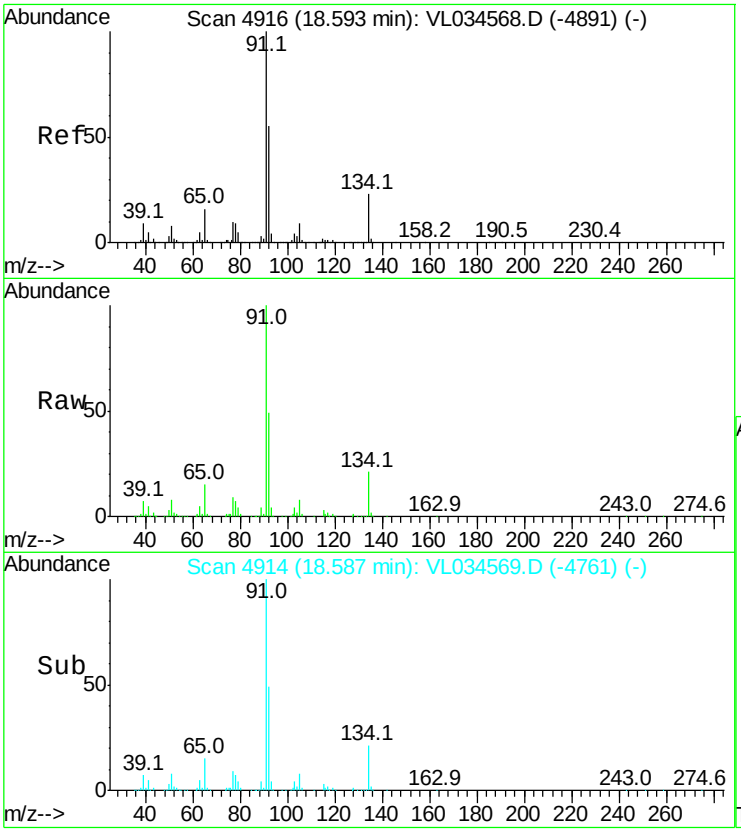


#69
p-Isopropyltoluene
Concen: 2.269 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:119 Resp: 903441

Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.7	31.1
91	33.2	26.6	39.8



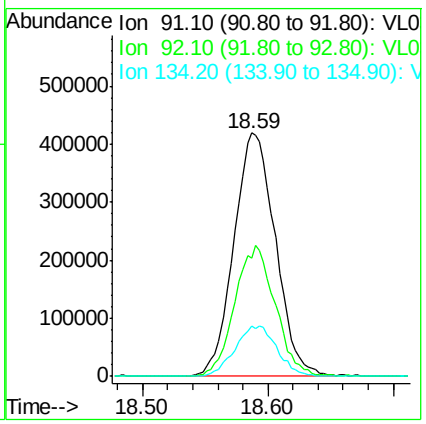


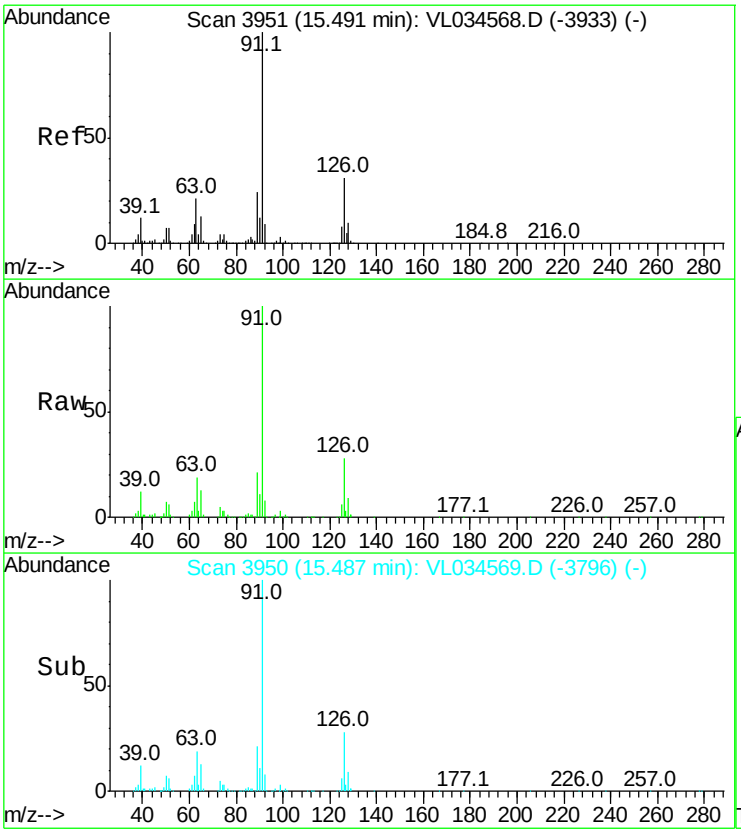
#70
n-Butylbenzene
Concen: 2.232 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 958893

Ion	Ratio	Lower	Upper
91	100		
92	52.7	43.8	65.6
134	21.1	18.0	27.0

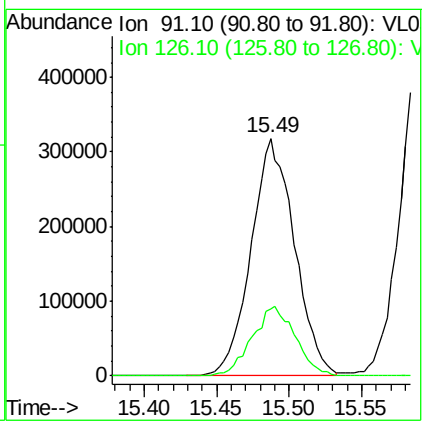


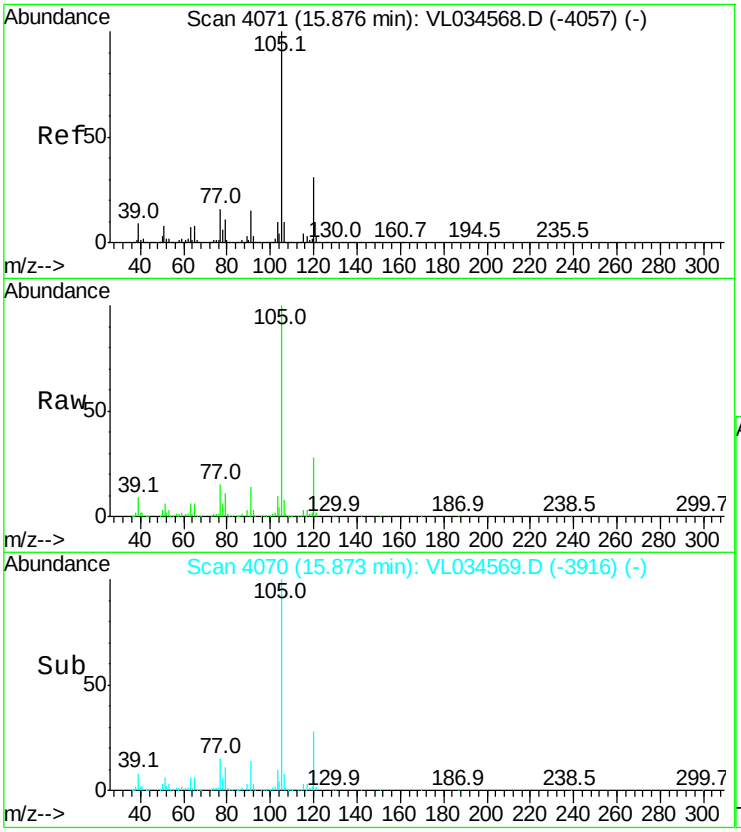


#71
2-Chlorotoluene
Concen: 2.208 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion: 91 Resp: 663610

Ion	Ratio	Lower	Upper
91	100		
126	29.3	12.0	47.8



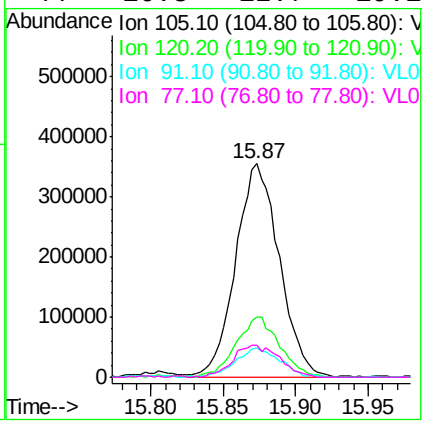


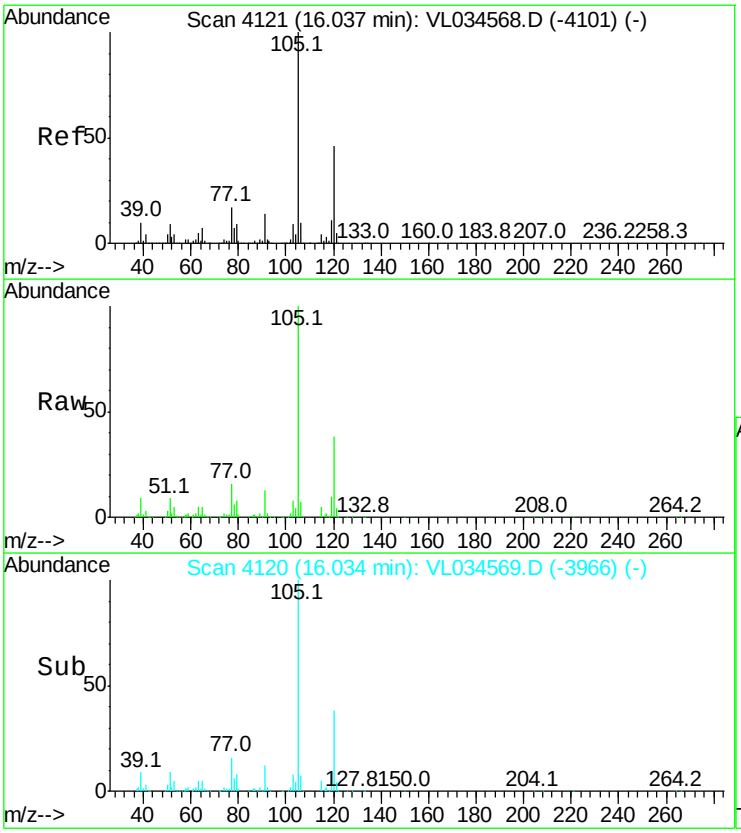
#72
4-Ethyltoluene
Concen: 2.229 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 737973

Ion	Ratio	Lower	Upper
105	100		
120	28.6	23.7	35.5
91	14.3	11.5	17.3
77	16.3	12.7	19.1

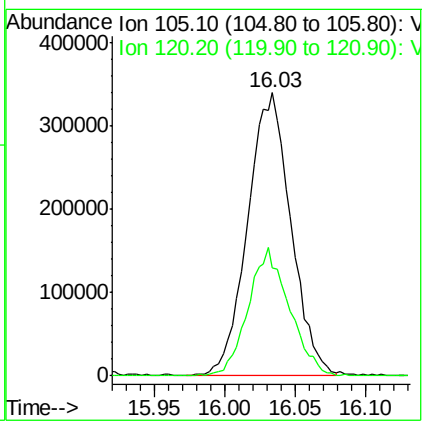


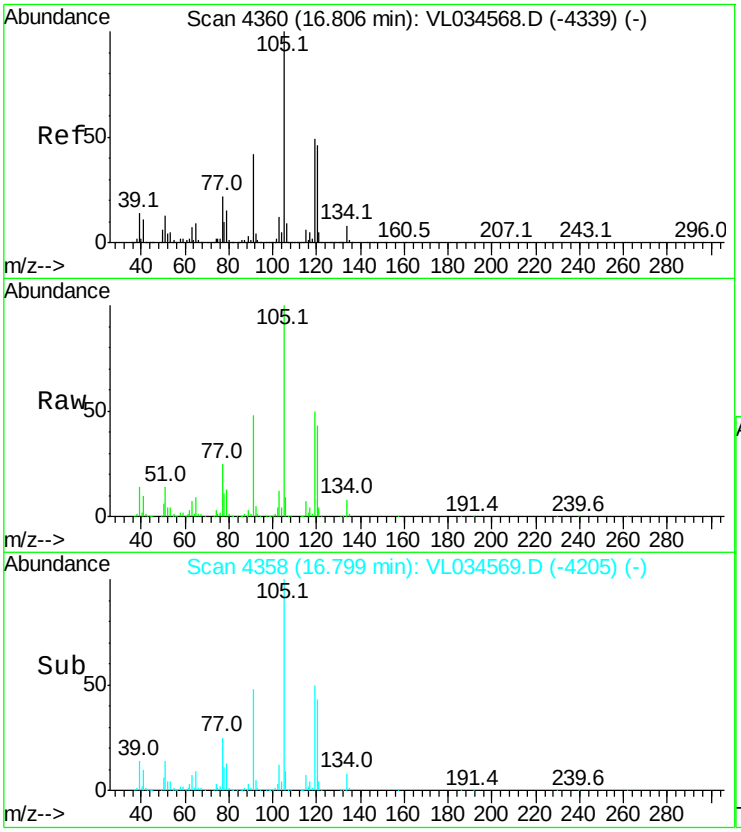


#73
1,3,5-Trimethylbenzene
Concen: 2.233 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:105 Resp: 725343

Ion	Ratio	Lower	Upper
105	100		
120	38.1	34.6	52.0



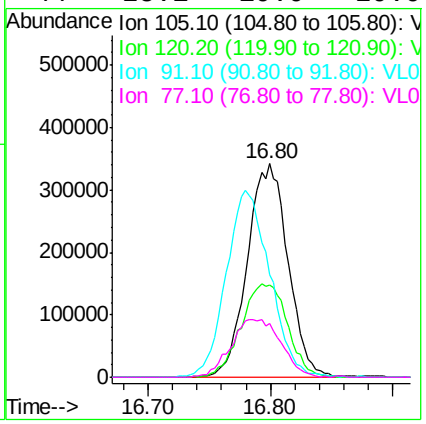


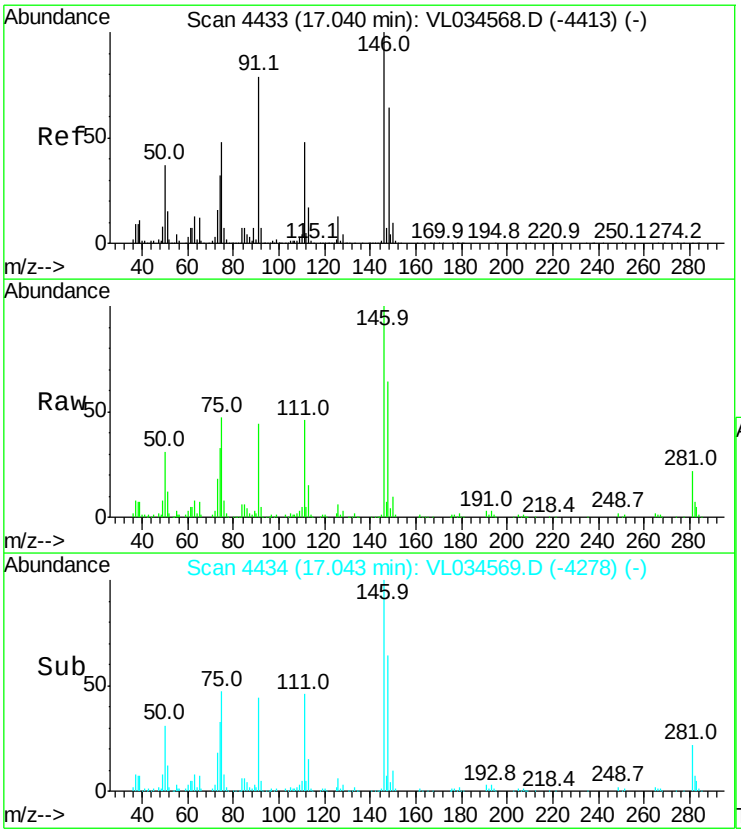
#74
1,2,4-Trimethylbenzene
Concen: 2.260 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:105 Resp: 785114

Ion	Ratio	Lower	Upper
105	100		
120	43.3	36.7	55.1
91	47.6	44.0	66.0
77	25.1	19.9	29.9

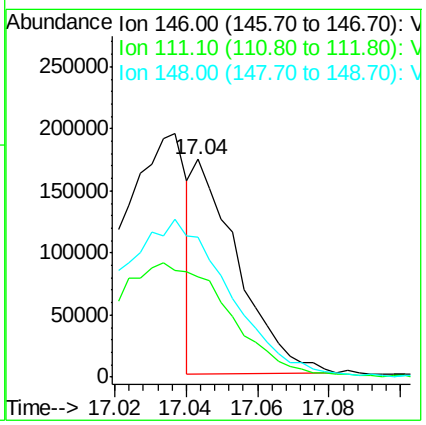


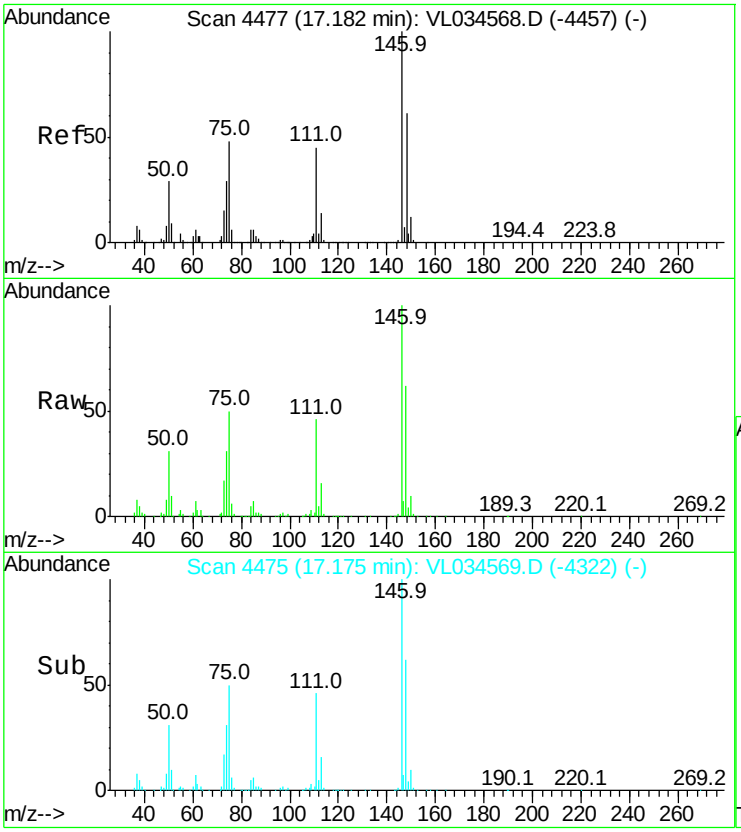


#75
1,3-Dichlorobenzene
Concen: 0.724 ppbv
RT: 17.04 min Scan# 4434
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:146 Resp: 150602

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.1	75.3#
148	0.0	33.0	99.0#



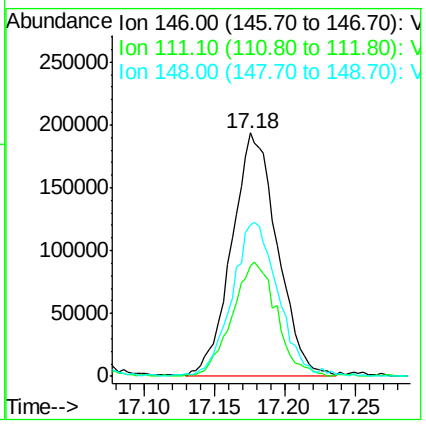


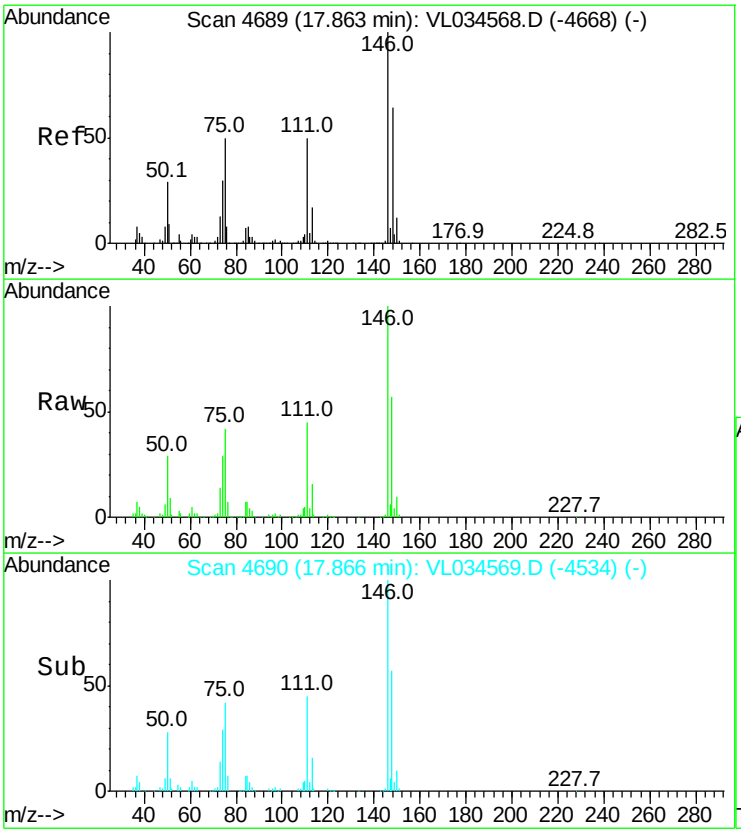
#76
1,4-Dichlorobenzene
Concen: 2.188 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 438405

Ion	Ratio	Lower	Upper
146	100		
111	46.4	23.5	70.6
148	64.3	32.1	96.3

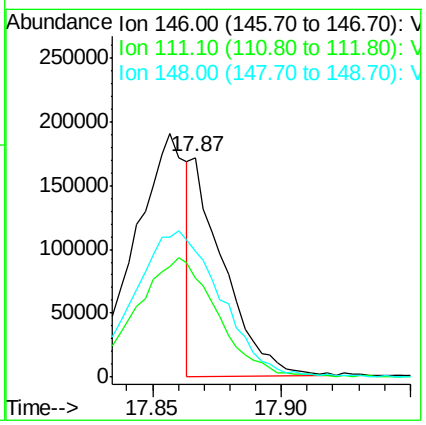


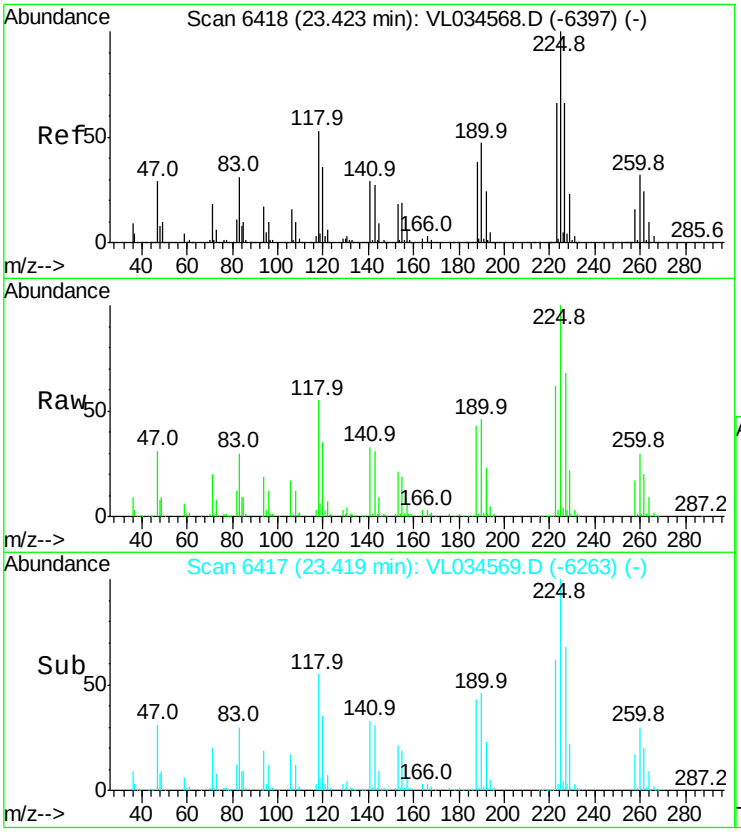


#77
1,2-Dichlorobenzene
Concen: 0.763 ppbv
RT: 17.87 min Scan# 4690
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:146 Resp: 149219

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.3	75.8#
148	0.0	32.1	96.3#



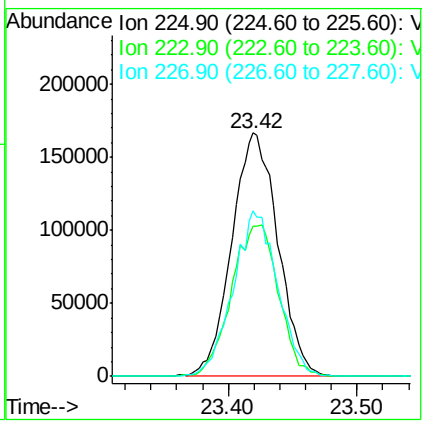


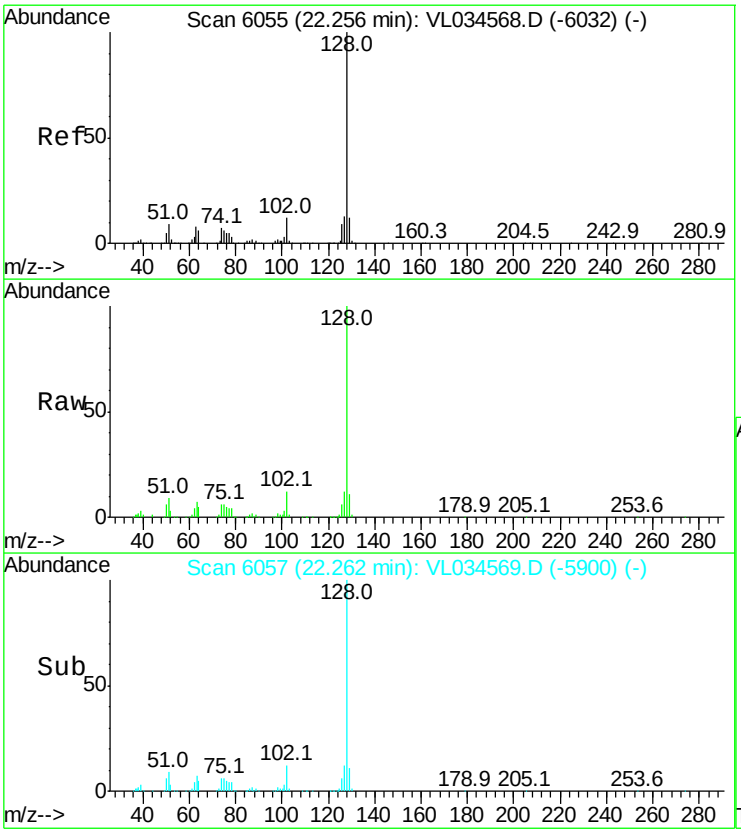
#78
Hexachloro-1,3-Butadiene
Concen: 2.227 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. -0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:225 Resp: 413489

Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	66.0	51.8	77.6

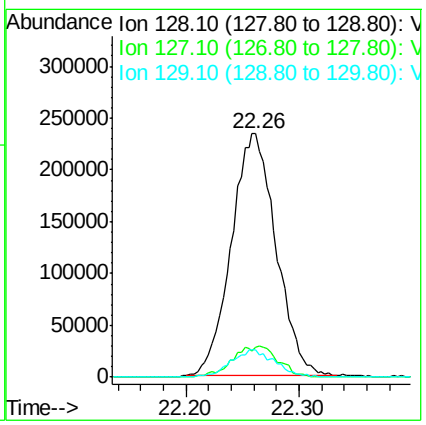


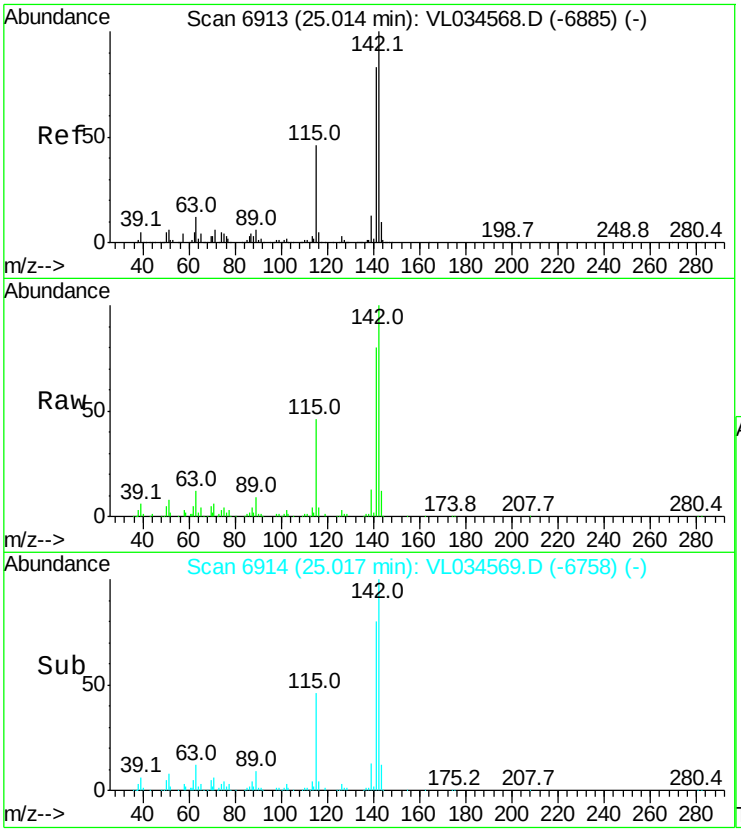


#79
Naphthalene
Concen: 2.454 ppbv
RT: 22.26 min Scan# 6057
Delta R.T. 0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:128 Resp: 642150

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	15.8
129	11.5	8.7	13.1



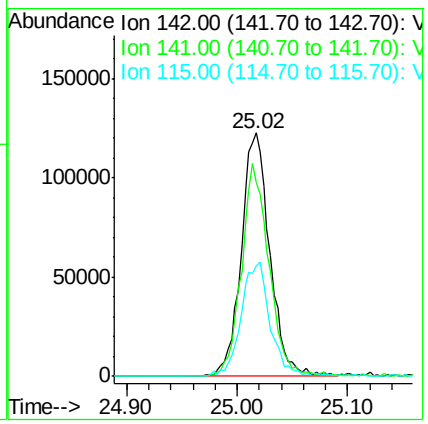


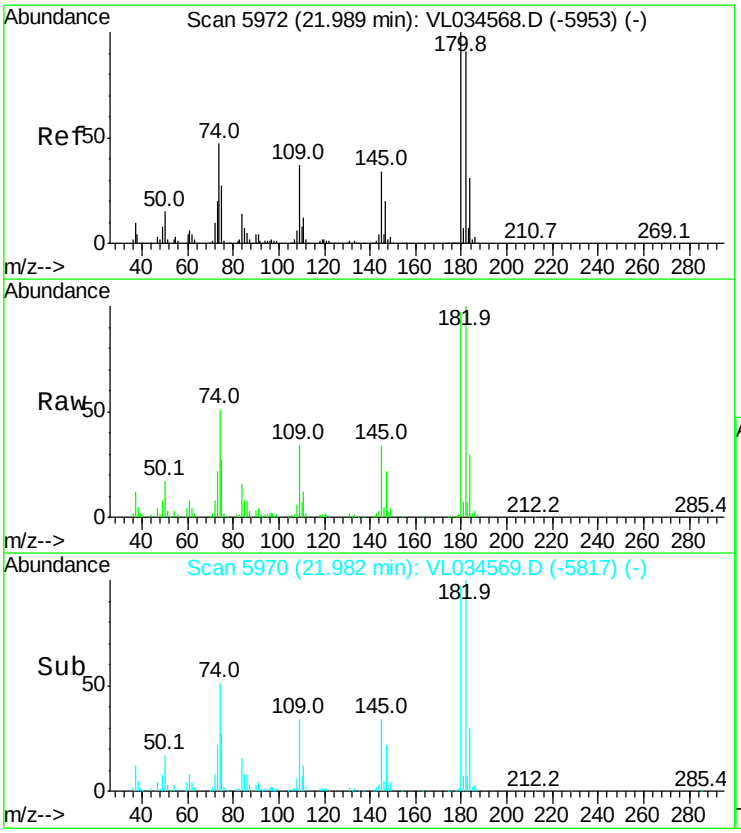
#80
Naphthalene,2-methyl-
Concen: 3.028 ppbv
RT: 25.02 min Scan# 6914
Delta R.T. 0.00 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:142 Resp: 219543

Ion	Ratio	Lower	Upper
142	100		
141	84.1	65.8	98.8
115	48.5	30.4	45.6#





#81
1,2,4-Trichlorobenzene
Concen: 2.345 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.01 min
Lab File: VL034569.D
Acq: 30 Jan 2020 12:46

Tgt Ion:180 Resp: 399645

Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.8	116.8
184	31.8	25.2	37.8