Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021920\

Quantitation Report (Not Reviewed)

Data File : VL034650.D
Acq On : 19 Feb 2020 13:31
Operator : SY/AP
Sample : VL0219ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Quant Time: Feb 20 06:49:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	887356	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1813543	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2036974	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1659700	9.64	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	1329117	6.800	ppbv	95
3) Chlorodifluoromethane	2.95	51	1112420	10.375	ppbv	99
4) Chloromethane	3.10	50	671858	10.241	ppbv	98
5) Vinyl Chloride	3.22	62	636693	10.161	ppbv	97
6) Bromomethane	3.44	94	354605	10.880	ppbv	96
7) Chloroethane	3.52	64	249862	10.722	ppbv	99
8) Dichlorotetrafluoroethane	3.15	85	1606208	10.514	ppbv	98
9) Propene	2.97	41	396459	9.497	ppbv	99
10) Heptane	8.13	43	1143351	10.883	ppbv	98
11) Trichlorofluoromethane	3.92	101	1922979	10.831	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1286467	11.105	ppbv	99
13) Ethanol	3.57	45	111914	10.008	ppbv	100
14) Bromoethene	3.71	108	507806	11.175	ppbv	100
15) Acetone	3.82	43	1336641	10.249	ppbv	100
16) 1,3-Butadiene	3.29	39	580998	11.219	ppbv	99
17) tert-Butyl alcohol	4.27	59	1275496	13.299	ppbv	99
18) 1,1-Dichloroethene	4.26	96	555464	11.359	ppbv	93
19) Isopropyl Alcohol	3.94	45	983793	12.927	ppbv	99
20) Methylene Chloride	4.32	84	496326	9.995	ppbv	98
21) Allyl Chloride	4.39	41	917593	11.329	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	581565	11.356	ppbv	98
23) Vinyl Acetate	5.06	43	1581112	10.626	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1305604	10.510	ppbv	99
25) Ethyl Acetate	5.66	43	2165470	10.257	ppbv	99
26) Hexane	5.68	57	931146	10.529	ppbv	98
27) Carbon Disulfide	4.53	76	1478652	12.391	ppbv	100
28) Methyl tert-Butyl Ether	5.01	73	1611828	10.687	ppbv	99
29) Chloroform	5.74	83	1641822	10.499	ppbv	94
30) Cyclohexane	7.14	84	730921	11.154	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	993458	10.812	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	1711033	10.190	ppbv	100
34) 2-Butanone	5.23	43	1329937	10.100	ppbv	99
35) Carbon Tetrachloride	7.02	117	1892493	10.915	ppbv	97
36) Benzene	6.90	78	1750157	10.852	ppbv	94
37) 1,2-Dichloroethane	6.31	62	1442997	10.724	ppbv	99
38) Trichloroethene	7.84	130	783403	11.524	ppbv	97
39) 1,2-Dichloropropane	7.62	63	703814	10.527	ppbv	98
40) 1,4-Dioxane	7.84	88	290727	11.312	ppbv #	1
41) Tetrahydrofuran	6.04	42	711188	10.353	ppbv	97
42) Bromodichloromethane	7.80	83	1836645	11.090	ppbv	97
43) Methyl Methacrylate	8.02	69	747456	11.523	ppbv	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021920\

Quantitation Report (Not Reviewed)

Data File : VL034650.D
Acq On : 19 Feb 2020 13:31
Operator : SY/AP
Sample : VL0219ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Quant Time: Feb 20 06:49:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3147583	10.757	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	1070026	12.598	ppbv		97
46) cis-1,3-Dichloropropene	8.72	75	1175046	12.172	ppbv		95
47) 1,1,2-Trichloroethane	9.49	97	782061	10.800	ppbv		99
48) Dibromochloromethane	10.33	129	1526451	11.504	ppbv		98
49) Bromoform	13.08	173	1382587	11.868	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	2061822	10.980	ppbv		99
51) 2-Hexanone	10.15	43	1689089	11.426	ppbv		100
52) Tetrachloroethene	11.25	164	694634	10.722	ppbv		99
53) Toluene	9.82	91	2088930	11.791	ppbv		99
54) 1,2-Dibromoethane	10.63	107	1211972	11.169	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.15	131	1031130	10.253	ppbv		100
57) Chlorobenzene	12.18	112	1681418	10.031	ppbv		99
58) Ethyl Benzene	12.74	91	2904003	10.654	ppbv		98
59) m/p-Xylene	13.03	91	2755594	11.436	ppbv	#	44
60) o-Xylene	13.73	91	2533682	10.470	ppbv		100
61) Styrene	13.56	104	1805577	11.190	ppbv		99
62) Isopropylbenzene	14.70	105	3241429	10.337	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.71	83	1751016	9.356	ppbv		99
64) n-propylbenzene	15.59	120	840665	10.420	ppbv		92
65) tert-Butylbenzene	16.78	119	2959664	10.418	ppbv		99
66) Benzyl Chloride	17.03	91	1421425	11.932	ppbv		100
67) sec-Butylbenzene	17.33	105	4002135	10.250	ppbv		99
69) p-Isopropyltoluene	17.69	119	3369888	10.630	ppbv		100
70) n-Butylbenzene	18.59	91	3512586	10.438	ppbv		99
71) 2-Chlorotoluene	15.49	91	2525415	10.610	ppbv		100
72) 4-Ethyltoluene	15.88	105	2808103	10.564	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	2731715	10.517	ppbv		98
74) 1,2,4-Trimethylbenzene	16.80	105	2888250	10.045	ppbv		98
75) 1,3-Dichlorobenzene	17.04	146	1631253	9.853	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	1597707	9.791	ppbv		100
77) 1,2-Dichlorobenzene	17.86	146	1524688	9.586	ppbv		99
78) Hexachloro-1,3-Butadiene	23.42	225	1447984	9.520	ppbv		100
79) Naphthalene	22.26	128	2456371	10.851	ppbv		99
80) Naphthalene,2-methyl-	25.01	142	1322808	15.189	ppbv		98
81) 1,2,4-Trichlorobenzene	21.98	180	1512426	10.837	ppbv		99

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

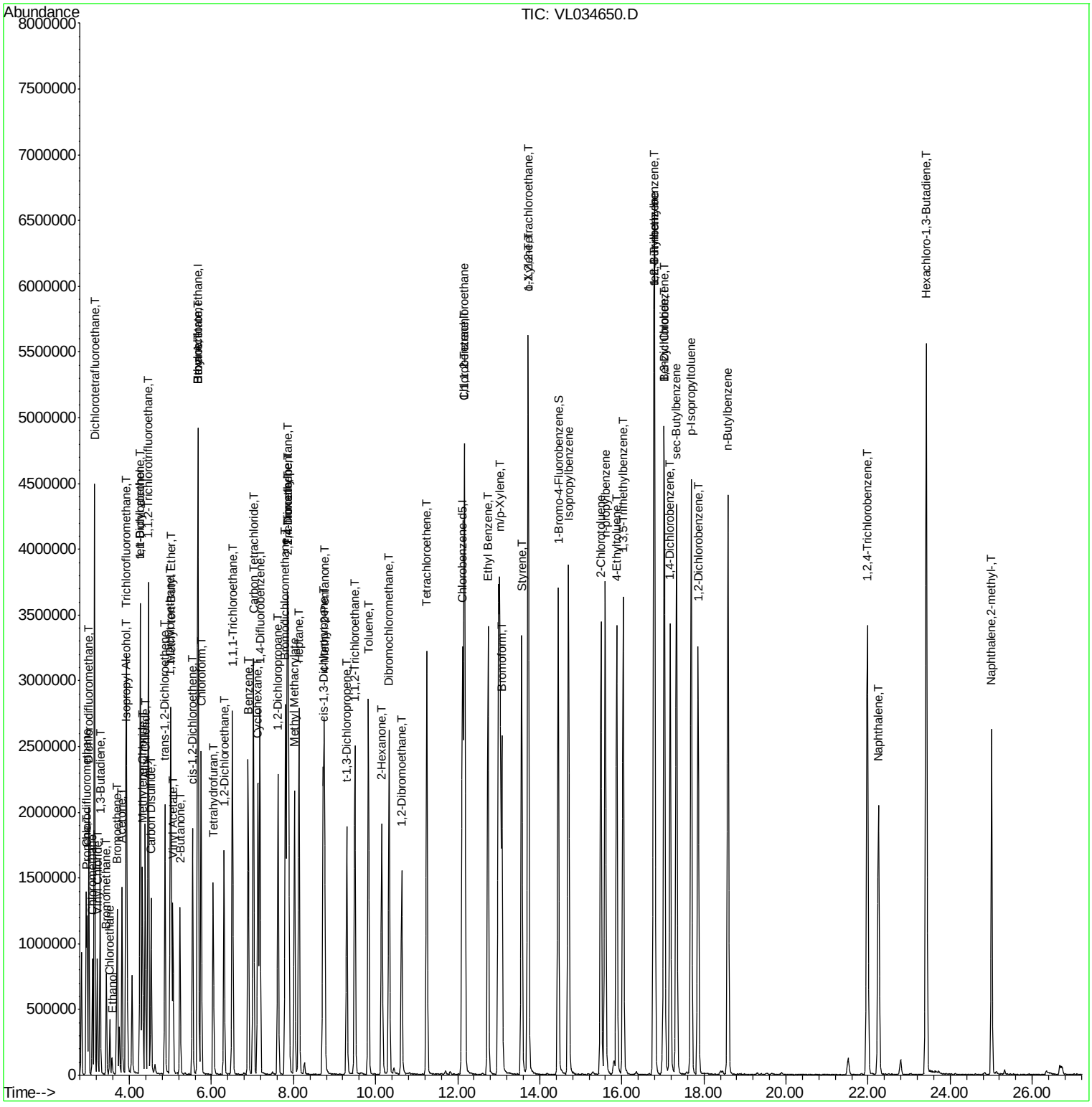
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021920\

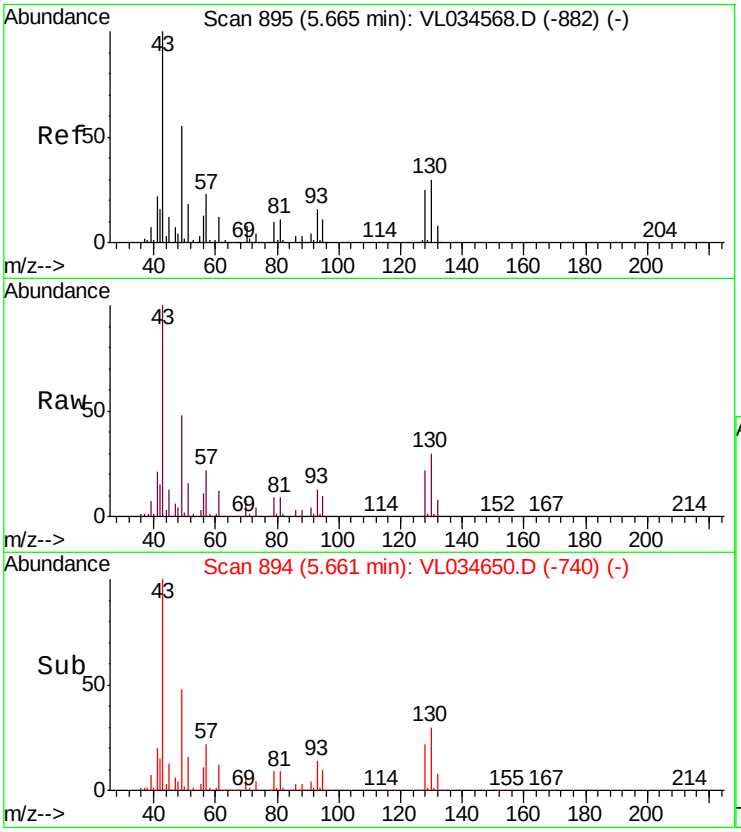
Quantitation Report (Not Reviewed)

Data File : VL034650.D
Acq On : 19 Feb 2020 13:31
Operator : SY/AP
Sample : VL0219ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Quant Time: Feb 20 06:49:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration



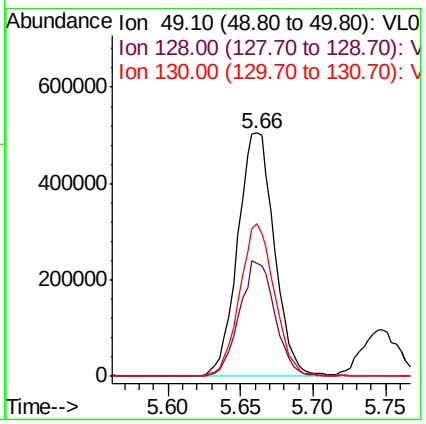


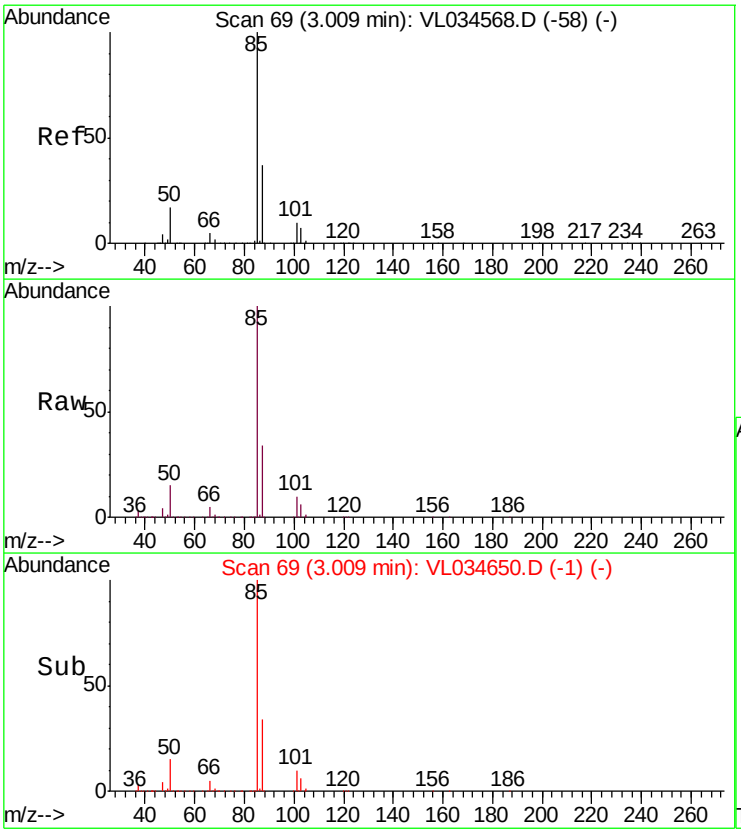
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 49 Resp: 887356

Ion	Ratio	Lower	Upper
49	100		
128	46.1	22.7	68.1
130	59.5	28.6	85.8

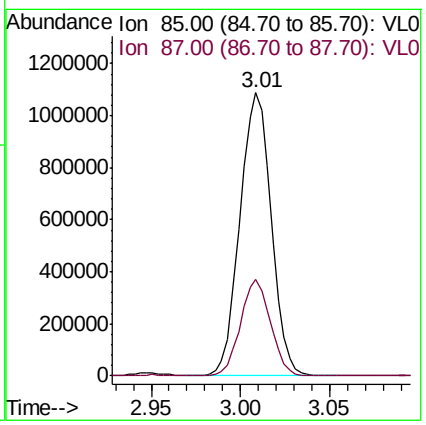


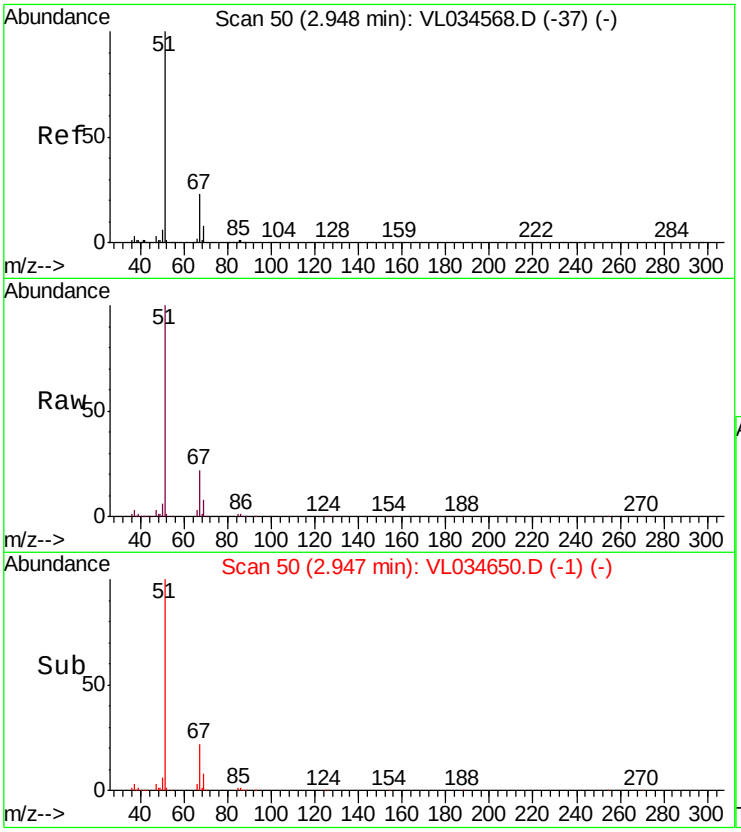


#2
Dichlorodifluoromethane
Concen: 6.800 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 85 Resp: 1329117

Ion	Ratio	Lower	Upper
85	100		
87	34.0	29.5	44.3



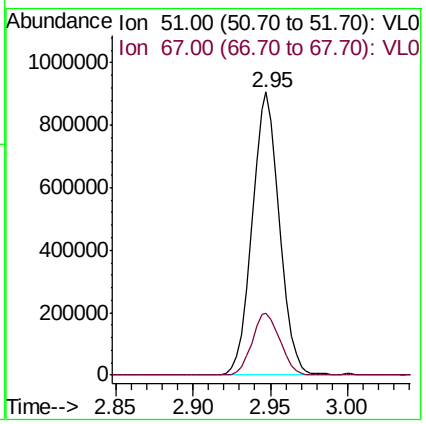


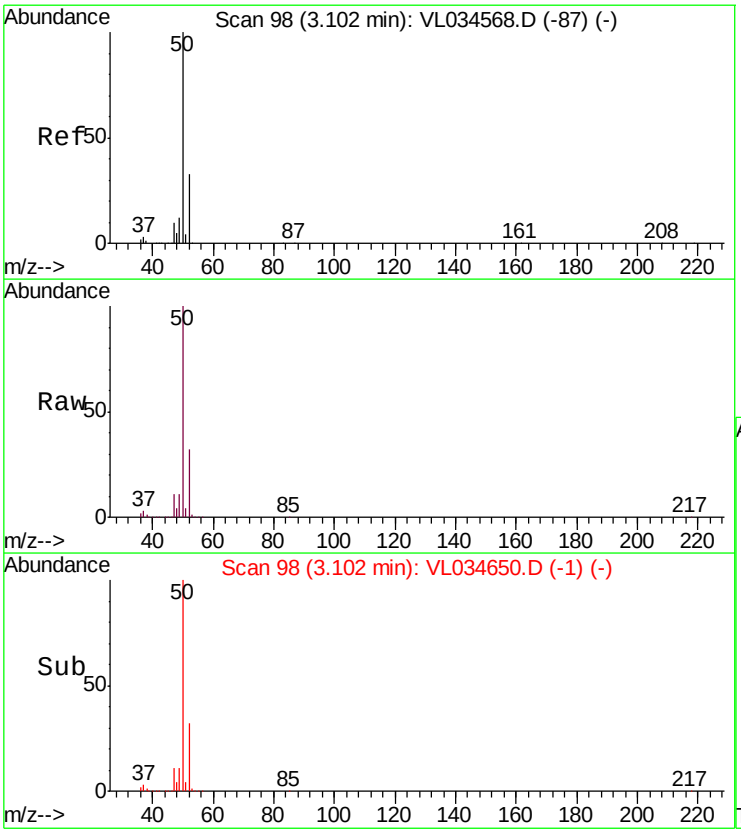
#3
Chlorodifluoromethane
Concen: 10.375 ppbv
RT: 2.95 min Scan# 50
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 51 Resp: 1112420

Ion	Ratio	Lower	Upper
51	100		
67	22.6	17.8	26.8

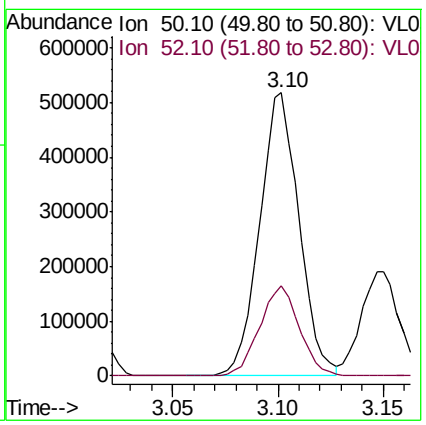


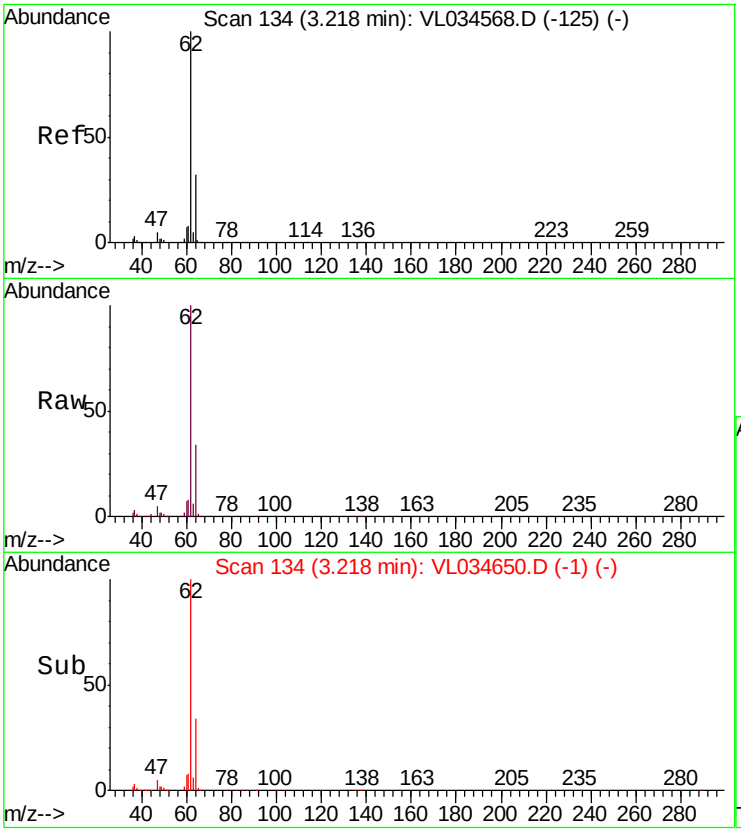


#4
Chloromethane
Concen: 10.241 ppbv
RT: 3.10 min Scan# 98
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 50 Resp: 671858

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.6	39.8



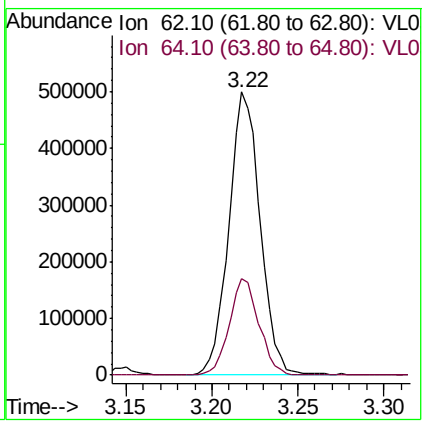


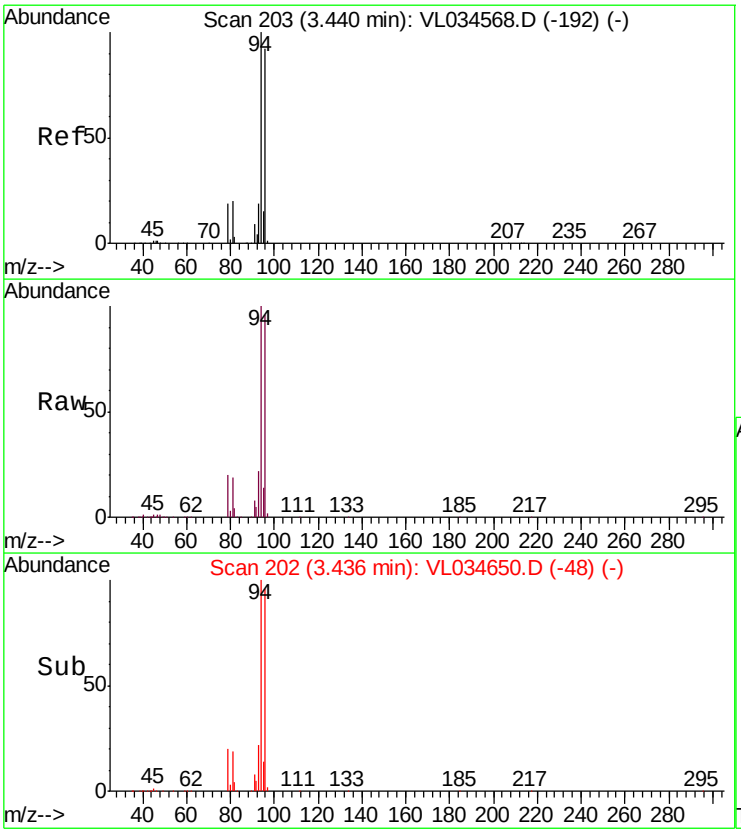
#5
Vinyl Chloride
Concen: 10.161 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 62 Resp: 636693

Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.8	38.6

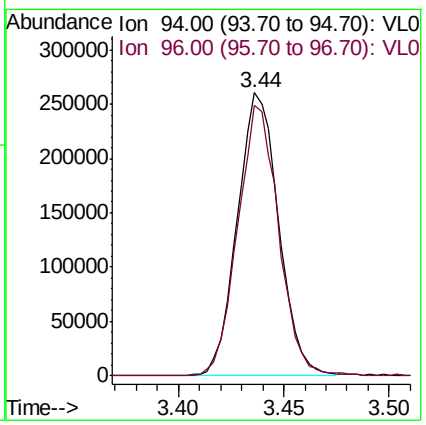


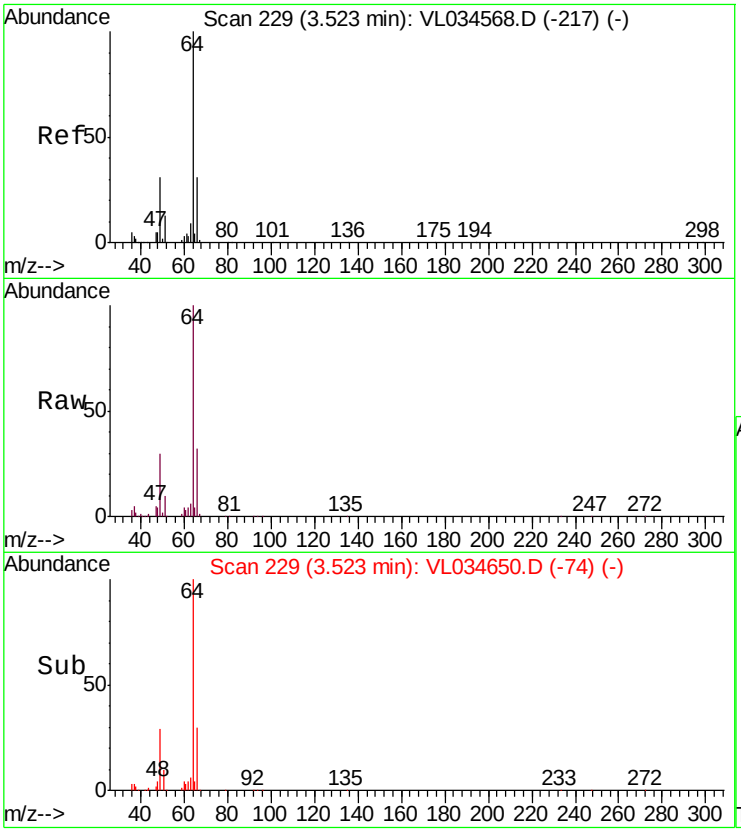


#6
Bromomethane
Concen: 10.880 ppbv
RT: 3.44 min Scan# 202
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 94 Resp: 354605

Ion	Ratio	Lower	Upper
94	100		
96	95.7	73.8	110.8



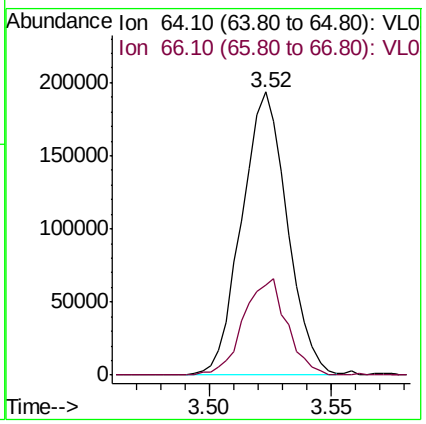


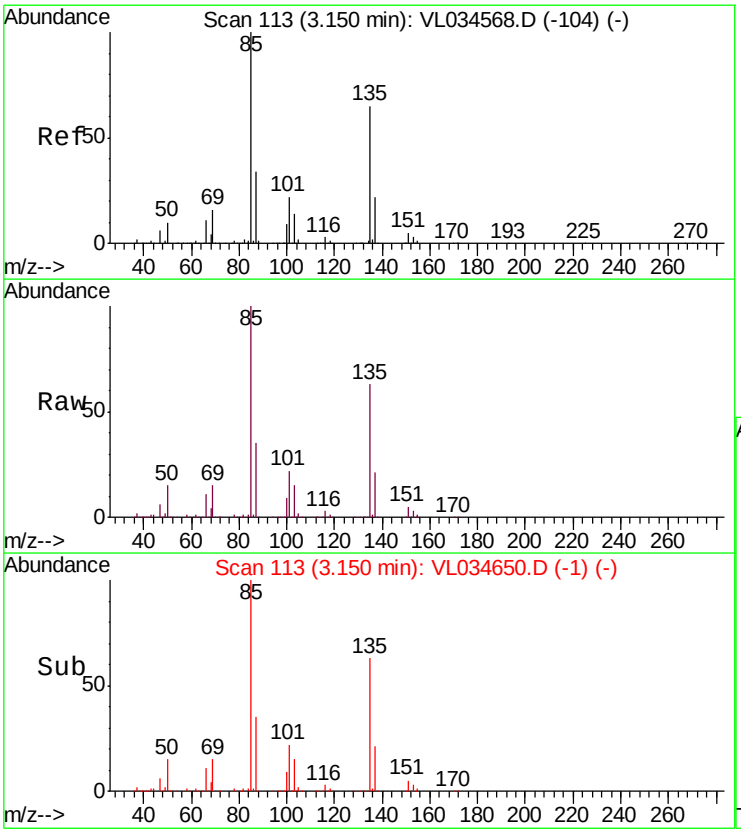
#7
Chloroethane
Concen: 10.722 ppbv
RT: 3.52 min Scan# 229
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 64 Resp: 249862

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.0	37.4

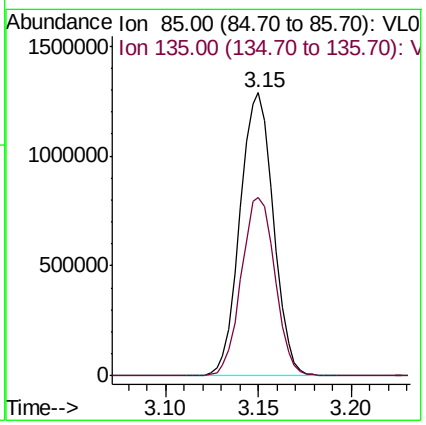


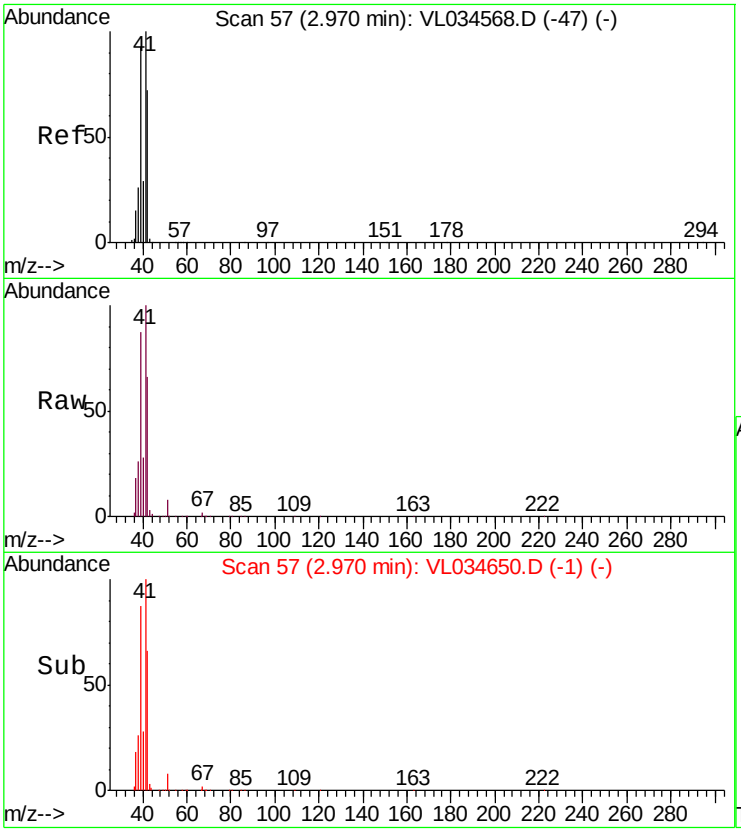


#8
Dichlorotetrafluoroethane
Concen: 10.514 ppbv
RT: 3.15 min Scan# 113
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 85 Resp: 1606208

Ion	Ratio	Lower	Upper
85	100		
135	64.0	52.2	78.2



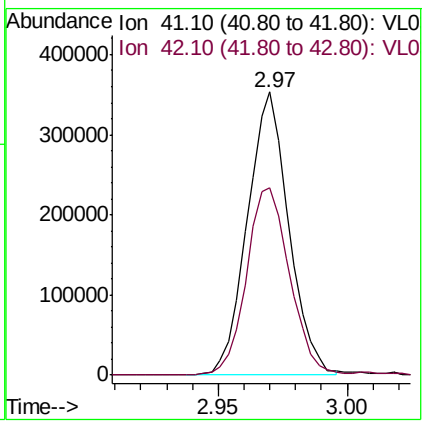


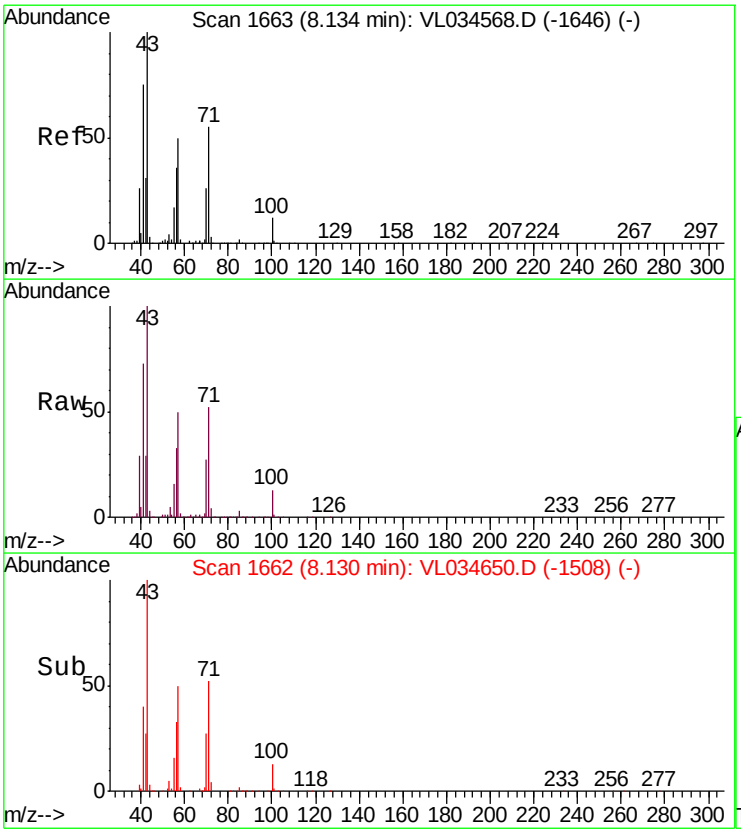
#9
Propene
Concen: 9.497 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 41 Resp: 396459

Ion	Ratio	Lower	Upper
41	100		
42	70.0	57.0	85.4

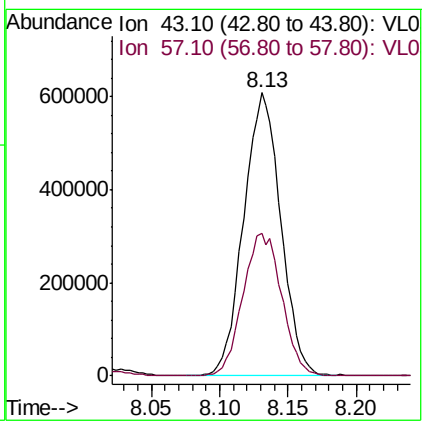


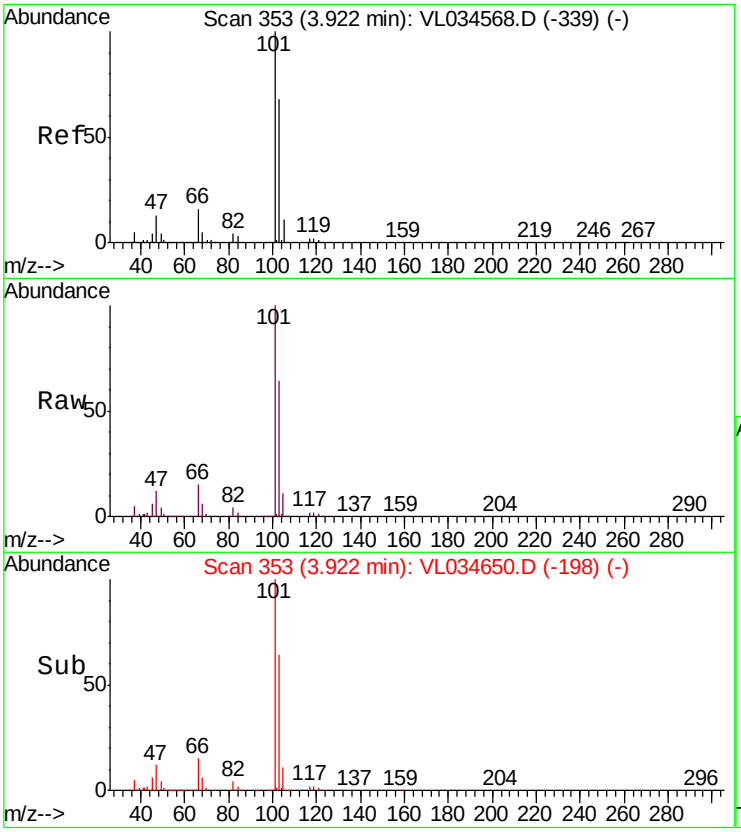


#10
Heptane
Concen: 10.883 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 43 Resp: 1143351

Ion	Ratio	Lower	Upper
43	100		
57	52.9	41.2	61.8



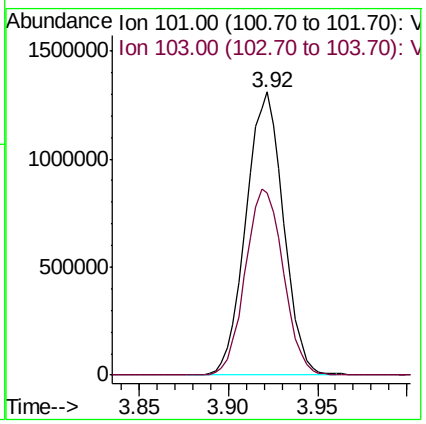


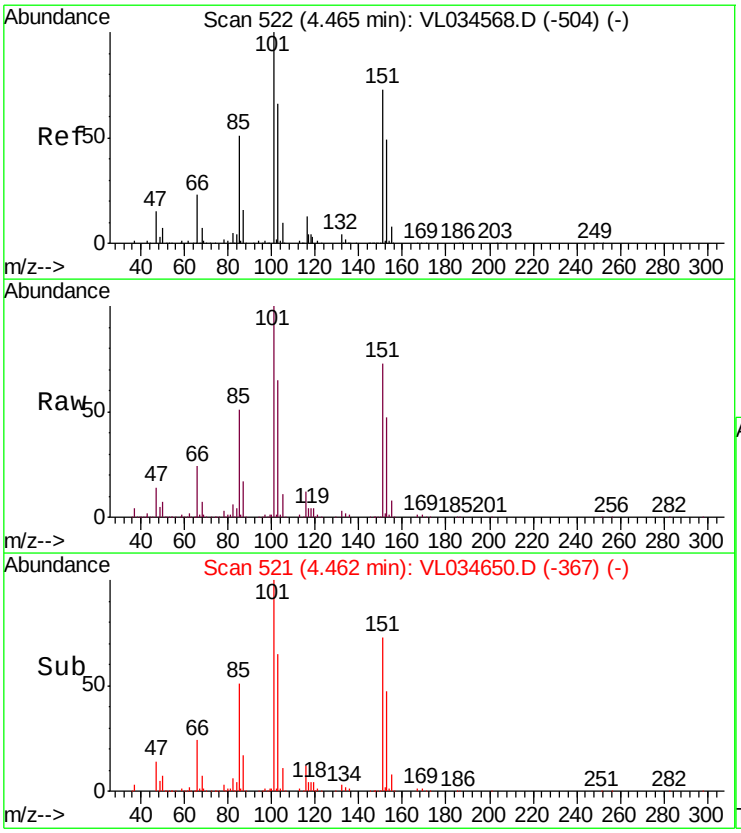
#11
Trichlorofluoromethane
Concen: 10.831 ppbv
RT: 3.92 min Scan# 353
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion:101 Resp: 1922979

Ion	Ratio	Lower	Upper
101	100		
103	64.2	54.4	81.6

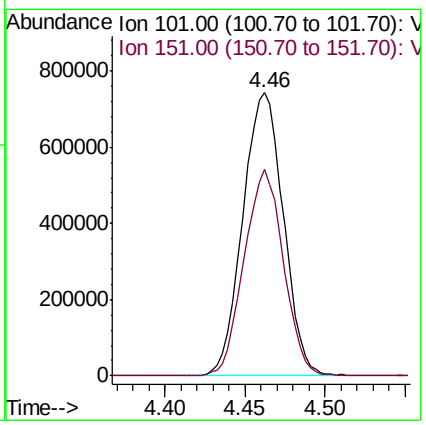


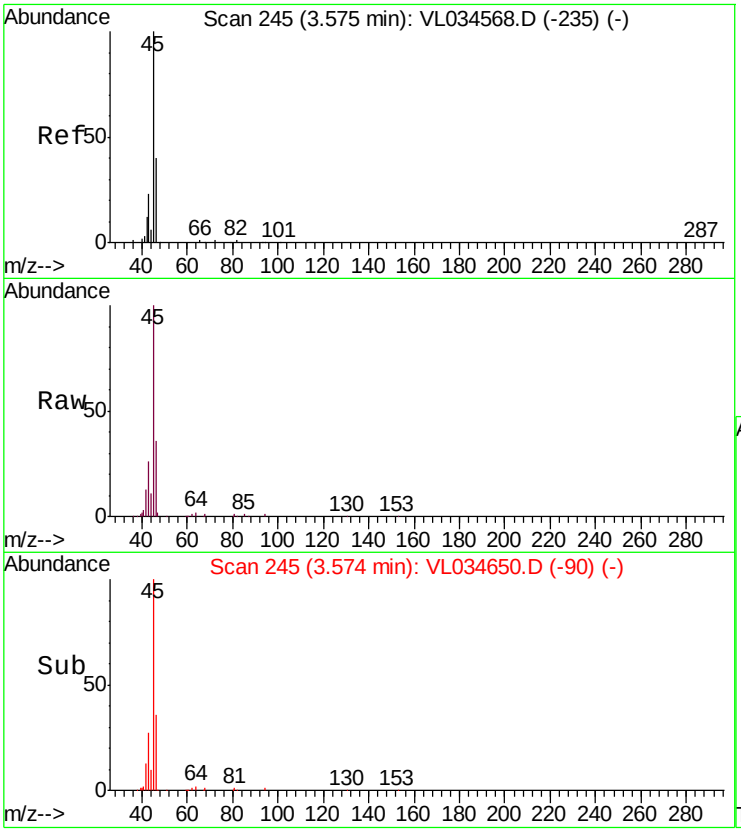


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.105 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:101 Resp: 1286467

Ion	Ratio	Lower	Upper
101	100		
151	70.8	57.0	85.6



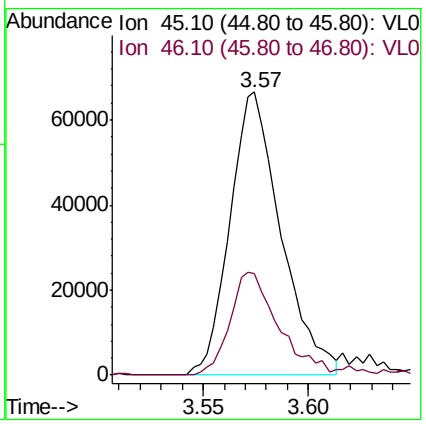


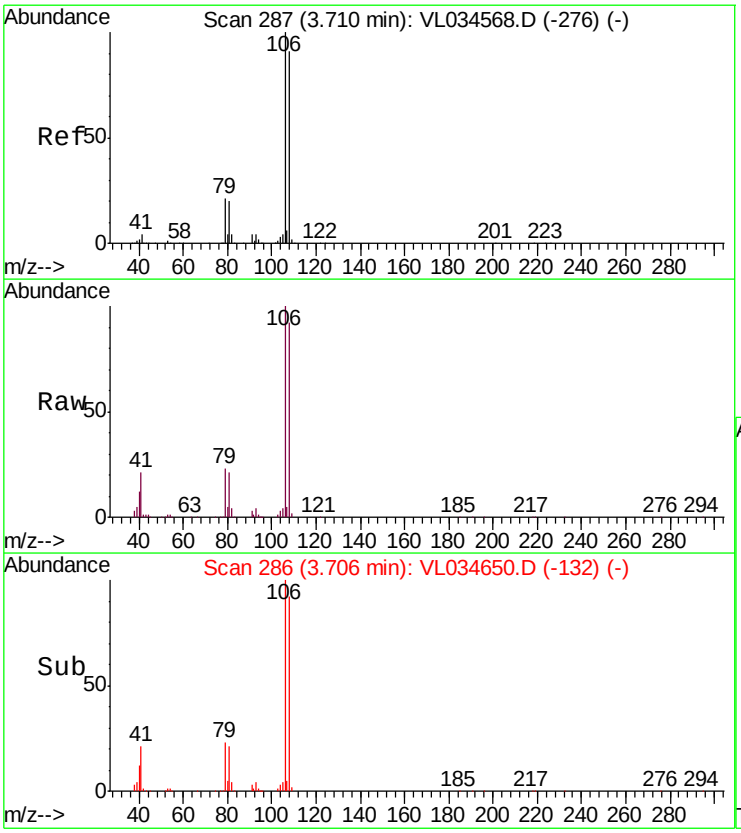
#13
Ethanol
Concen: 10.008 ppbv
RT: 3.57 min Scan# 245
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 45 Resp: 111914

Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.8	59.2

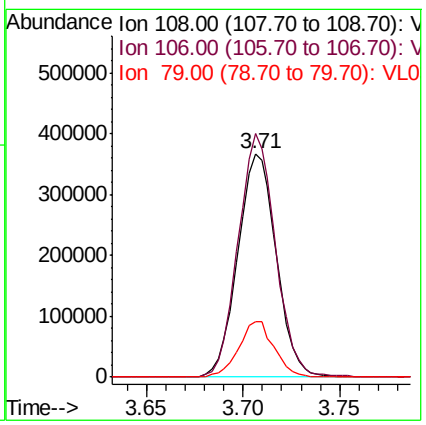


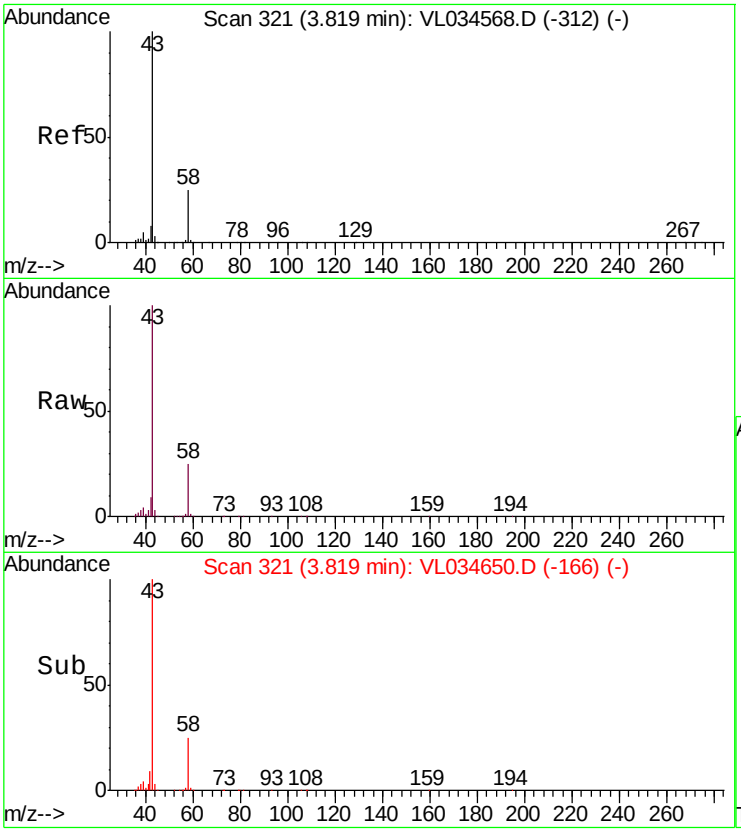


#14
Bromoethene
Concen: 11.175 ppbv
RT: 3.71 min Scan# 286
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:108 Resp: 507806

Ion	Ratio	Lower	Upper
108	100		
106	106.0	84.6	127.0
79	23.5	18.2	27.2



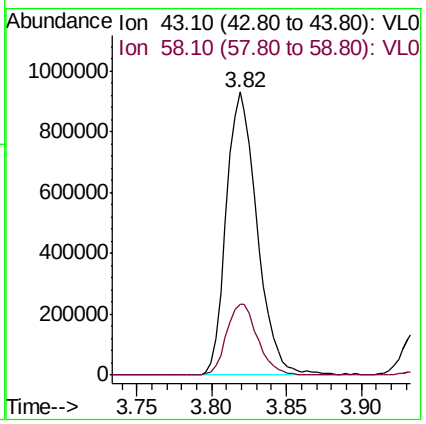


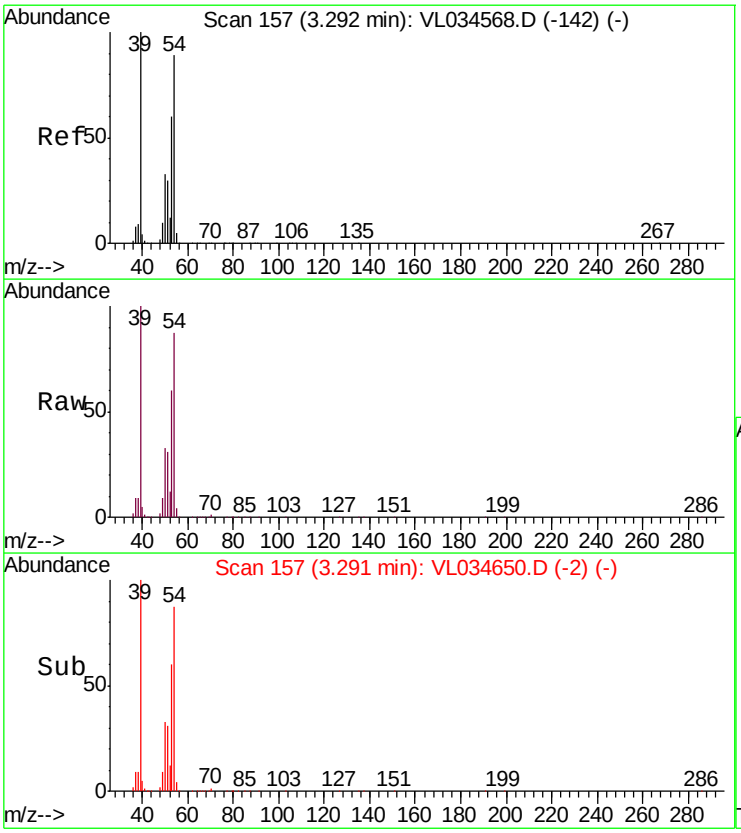
#15
Acetone
Concen: 10.249 ppbv
RT: 3.82 min Scan# 321
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 43 Resp: 1336641

Ion	Ratio	Lower	Upper
43	100		
58	25.4	20.3	30.5

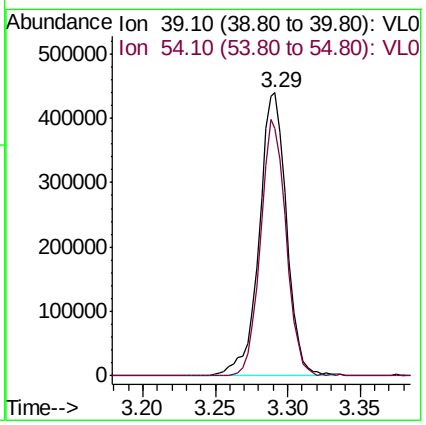


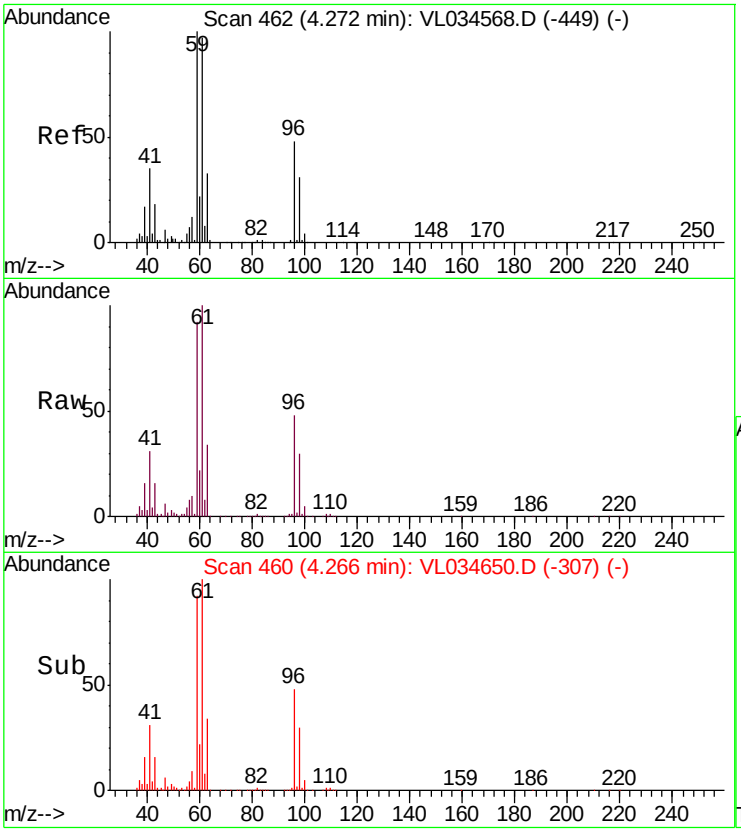


#16
1,3-Butadiene
Concen: 11.219 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 39 Resp: 580998

Ion	Ratio	Lower	Upper
39	100		
54	84.6	66.7	100.1



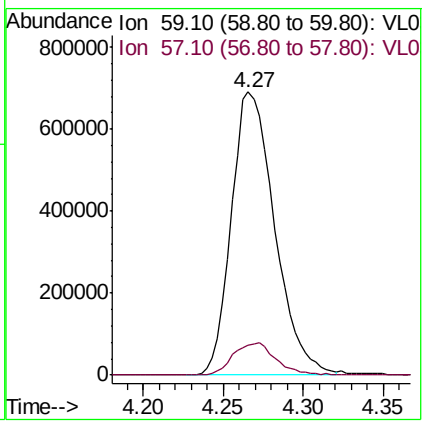


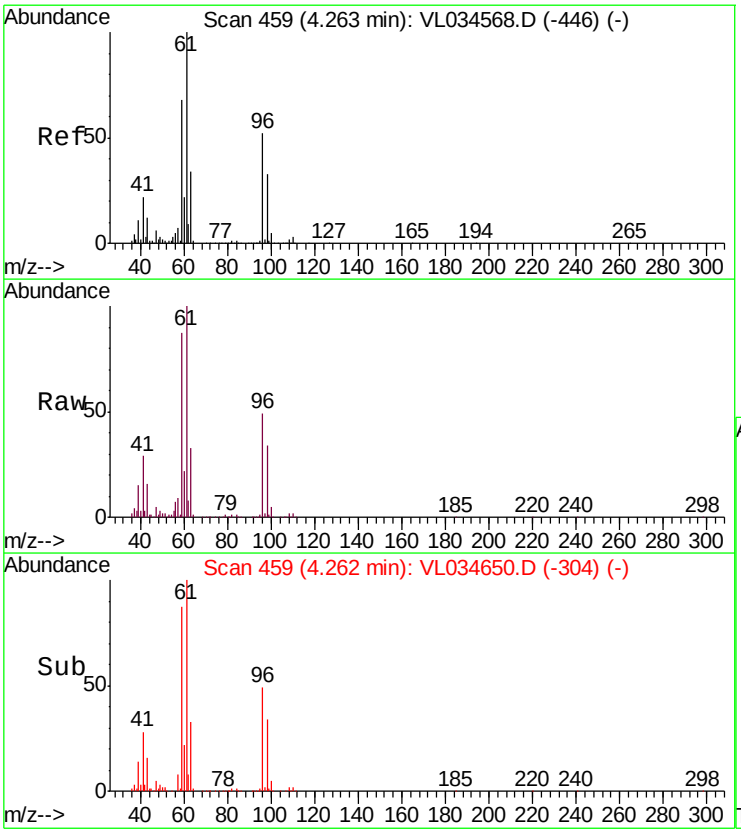
#17
tert-Butyl alcohol
Concen: 13.299 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 59 Resp: 1275496

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.7	13.1

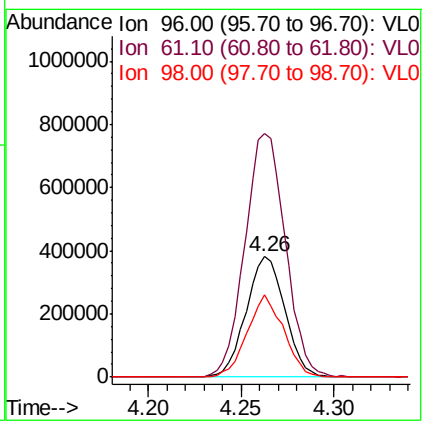


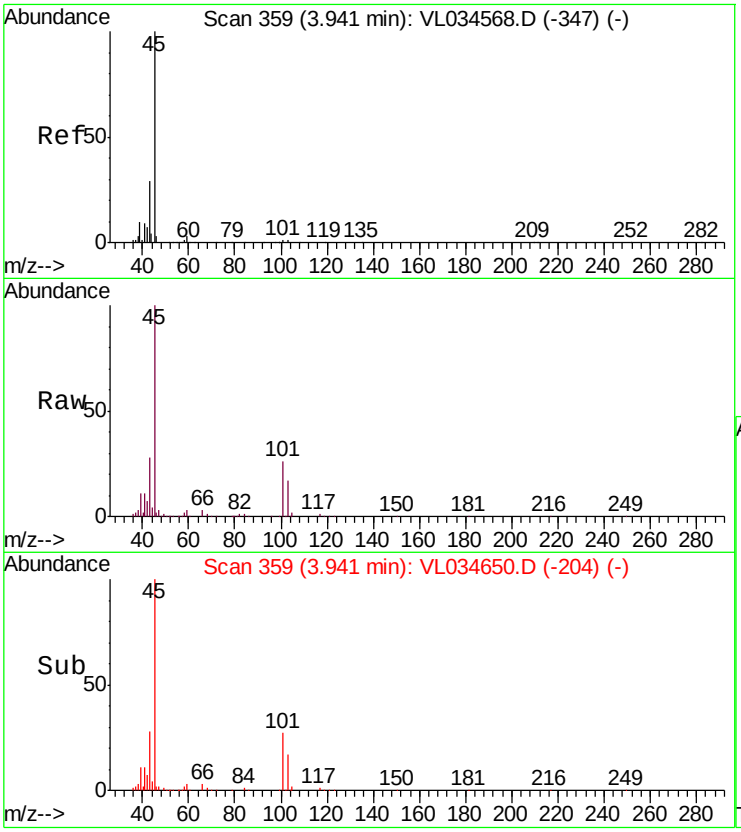


#18
1,1-Dichloroethene
Concen: 11.359 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 96 Resp: 555464

Ion	Ratio	Lower	Upper
96	100		
61	202.5	154.5	231.7
98	68.4	50.3	75.5



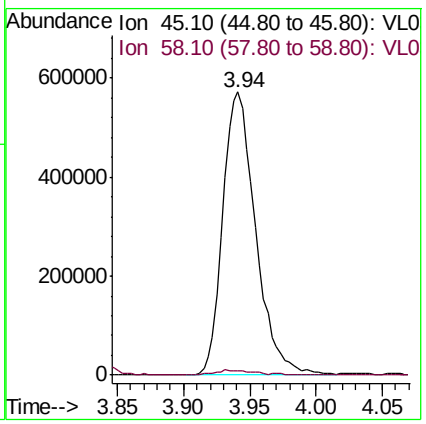


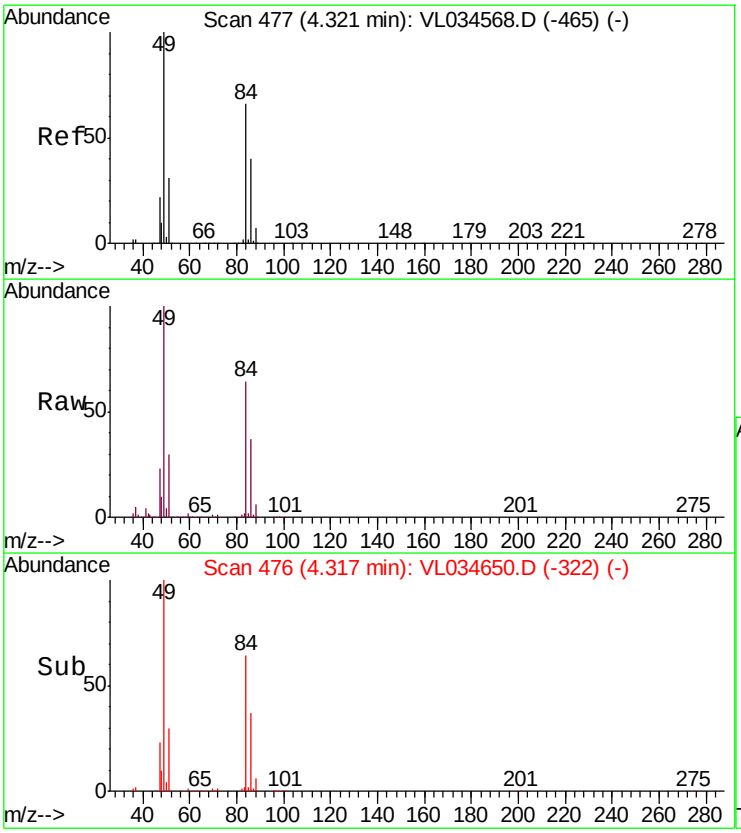
#19
Isopropyl Alcohol
Concen: 12.927 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 45 Resp: 983793

Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.7	2.5

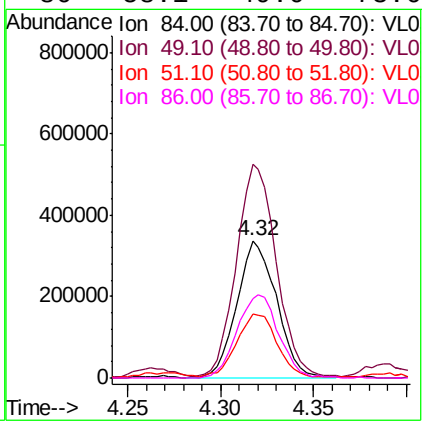


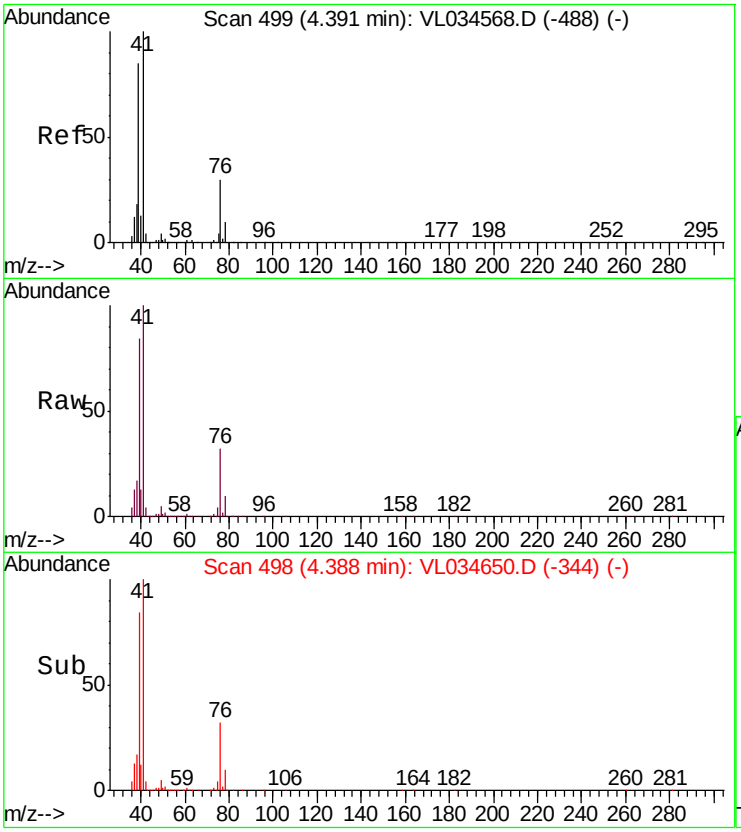


#20
Methylene Chloride
Concen: 9.995 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 84 Resp: 496326

Ion	Ratio	Lower	Upper
84	100		
49	154.8	122.4	183.6
51	46.0	38.6	57.8
86	58.1	49.0	73.6



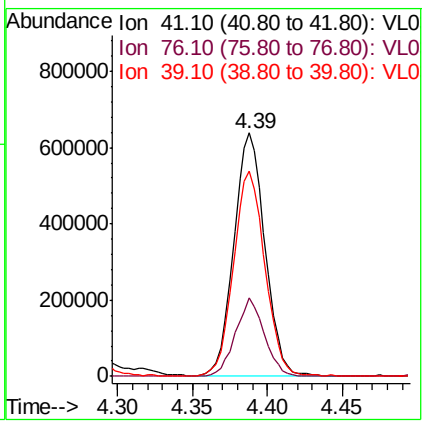


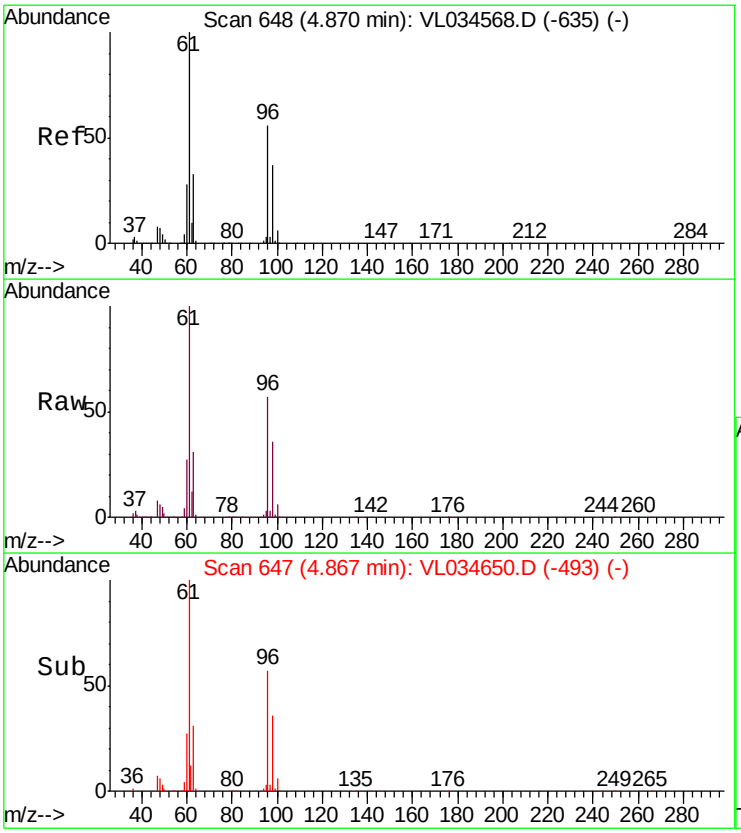
#21
Allyl Chloride
Concen: 11.329 ppbv
RT: 4.39 min Scan# 498
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 41 Resp: 917593

Ion	Ratio	Lower	Upper
41	100		
76	30.2	24.2	36.2
39	86.1	68.3	102.5

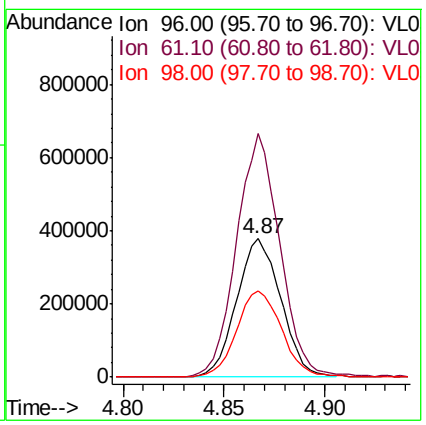


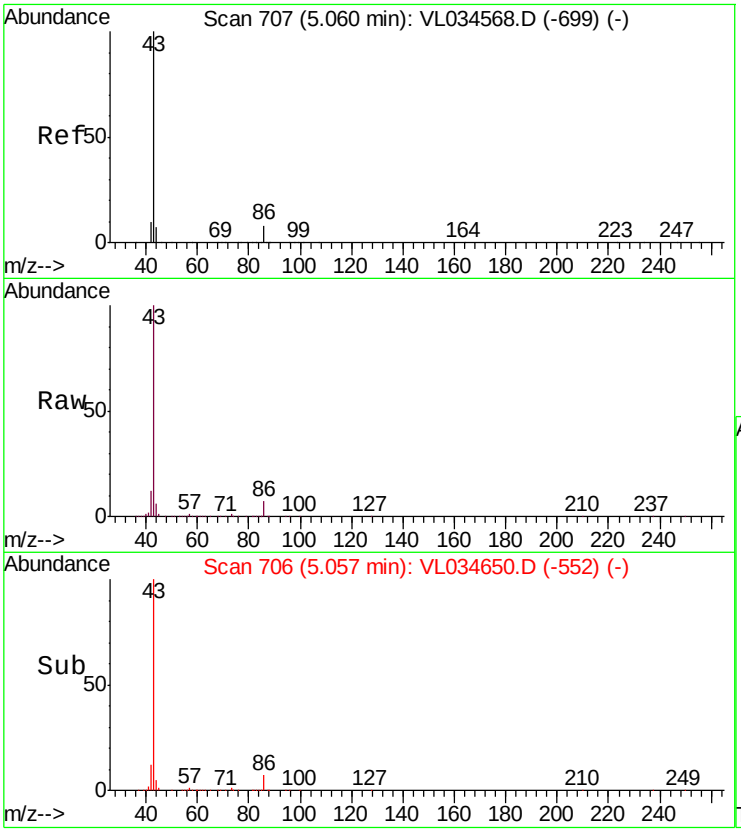


#22
trans-1,2-Dichloroethene
Concen: 11.356 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 96 Resp: 581565

Ion	Ratio	Lower	Upper
96	100		
61	175.4	141.9	212.9
98	62.4	53.1	79.7



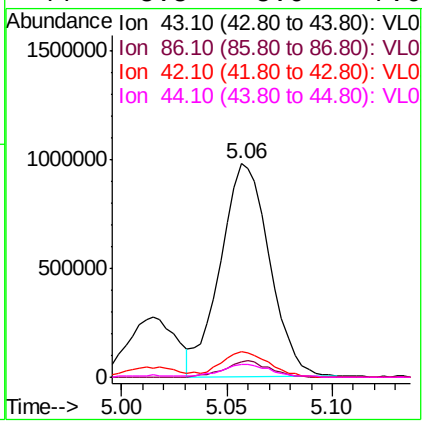


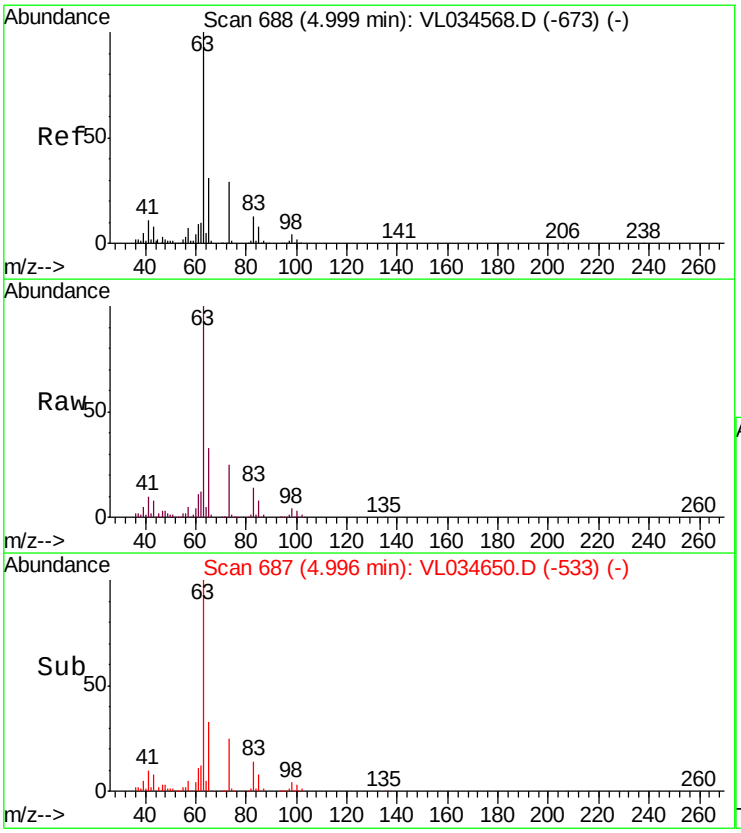
#23
Vinyl Acetate
Concen: 10.626 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 43 Resp: 1581112

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.9	8.9
42	11.6	8.8	13.2
44	5.5	5.0	7.6

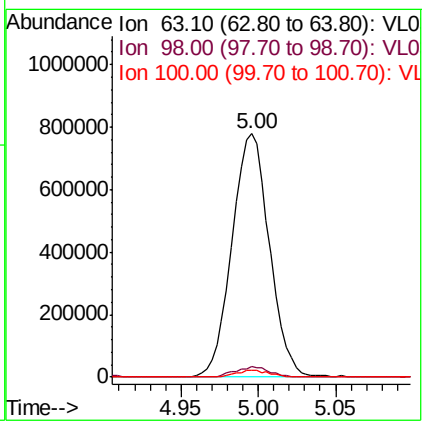


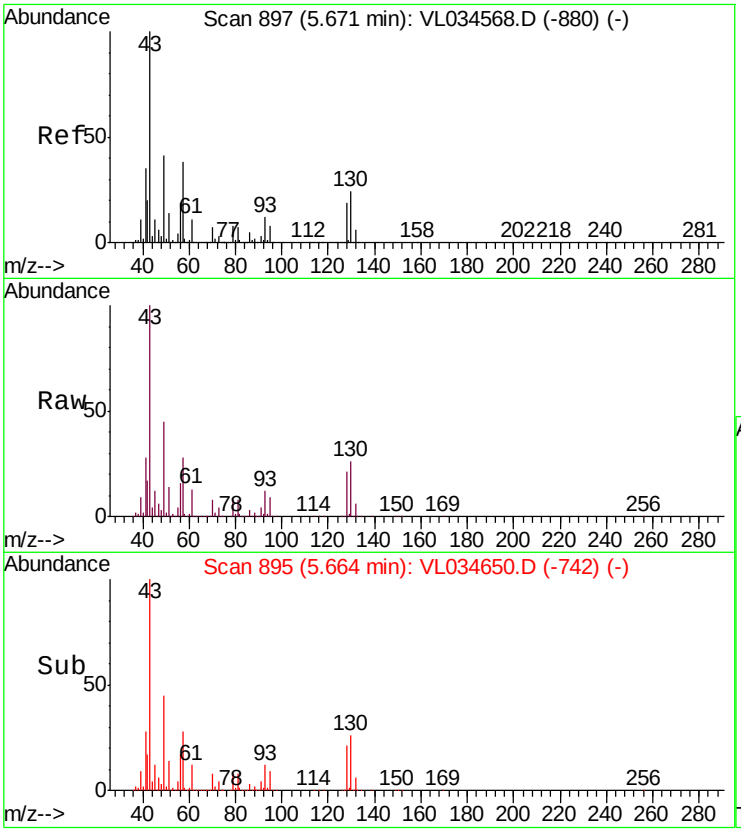


#24
1,1-Dichloroethane
Concen: 10.510 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 63 Resp: 1305604

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	3.0	1.1	3.5



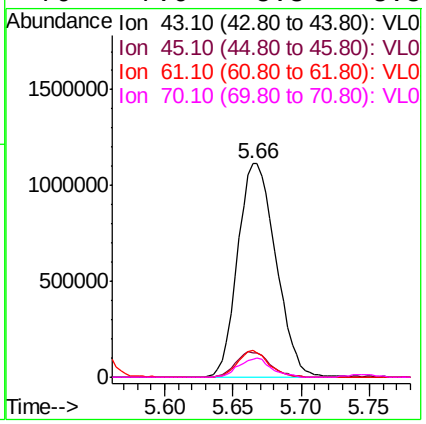


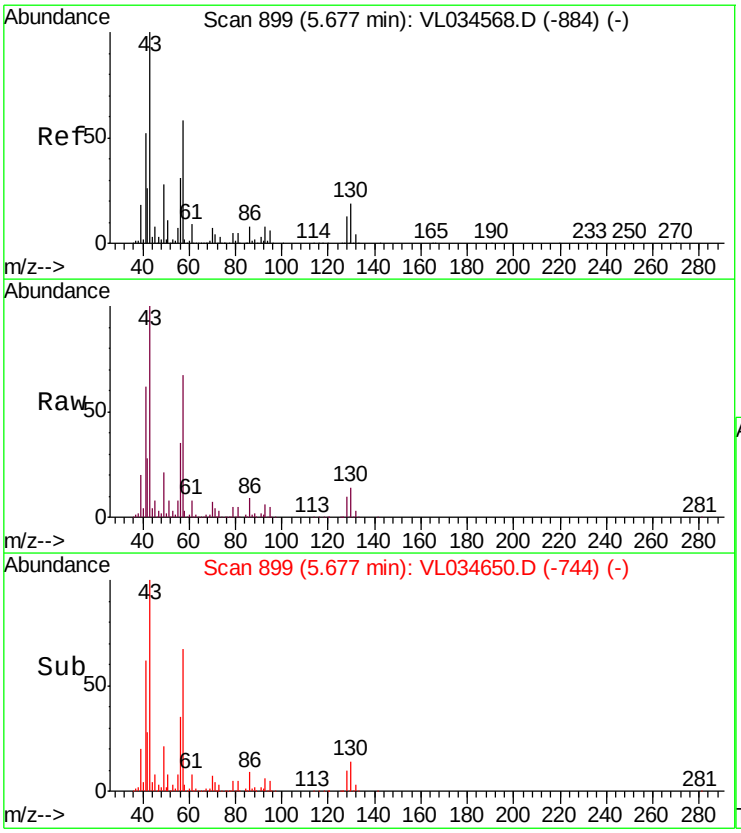
#25
Ethyl Acetate
Concen: 10.257 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 43 Resp: 2165470

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.0	7.8	11.6
70	7.6	5.8	8.8

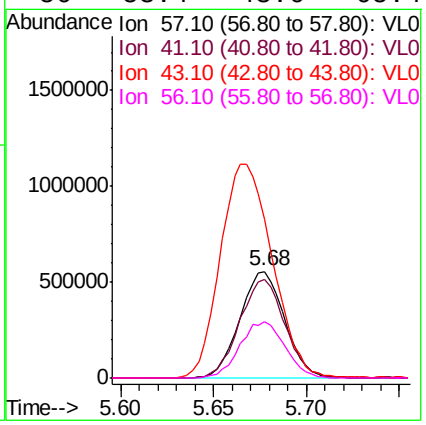


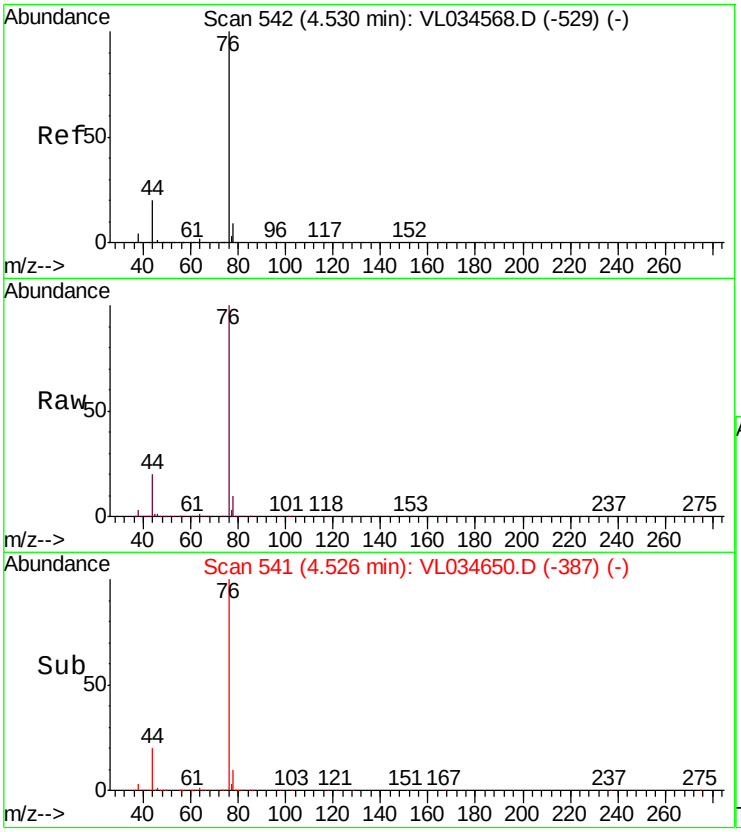


#26
Hexane
Concen: 10.529 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 57 Resp: 931146

Ion	Ratio	Lower	Upper
57	100		
41	94.2	76.2	114.2
43	233.0	189.9	284.9
56	53.4	43.6	65.4



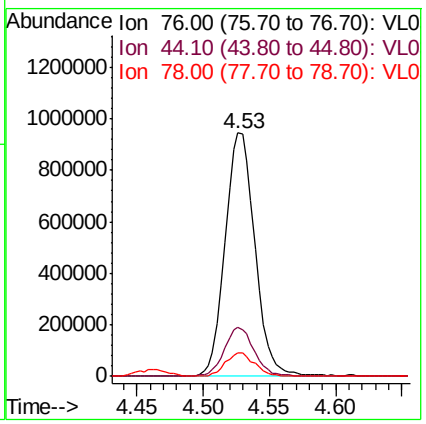


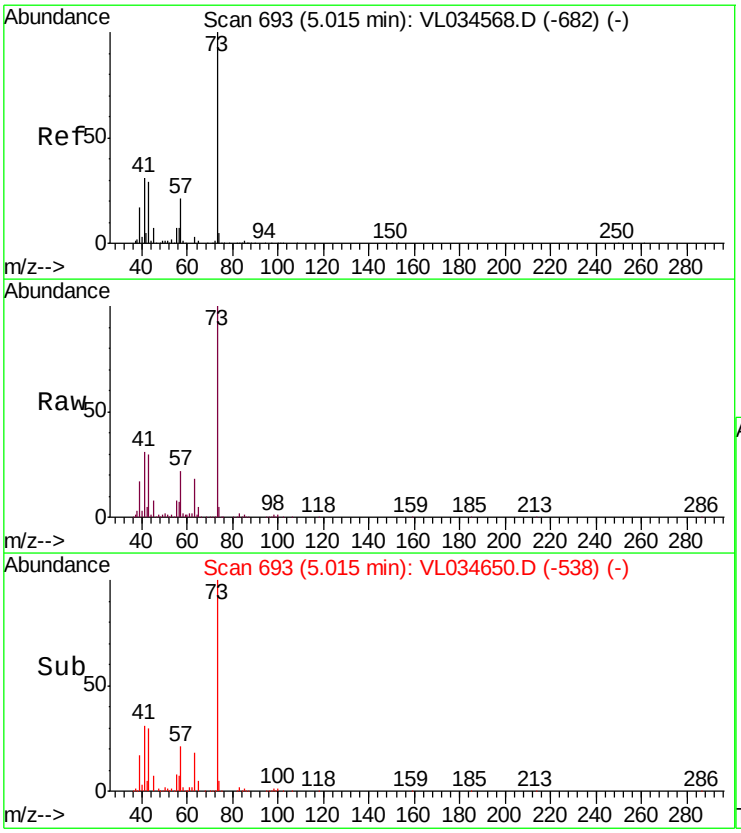
#27
Carbon Disulfide
Concen: 12.391 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 76 Resp: 1478652

Ion	Ratio	Lower	Upper
76	100		
44	20.3	16.3	24.5
78	9.6	7.4	11.2

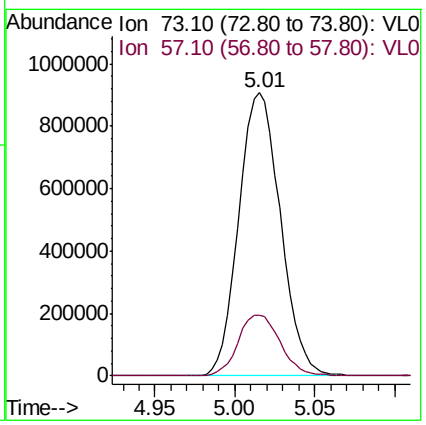


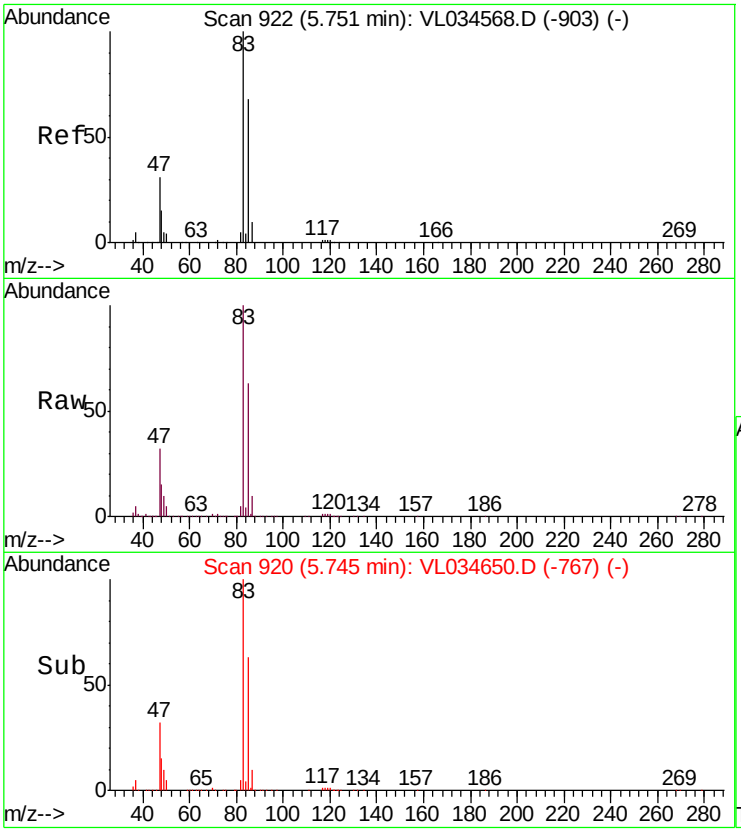


#28
Methyl tert-Butyl Ether
Concen: 10.687 ppbv
RT: 5.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 73 Resp: 1611828

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.9	26.9



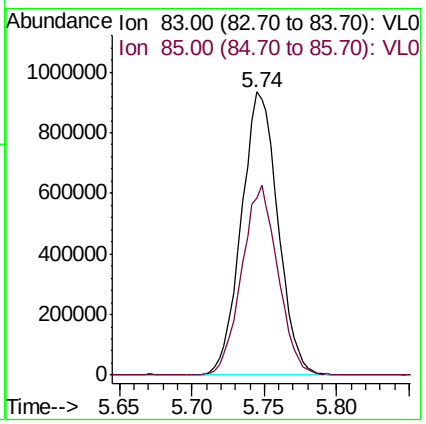


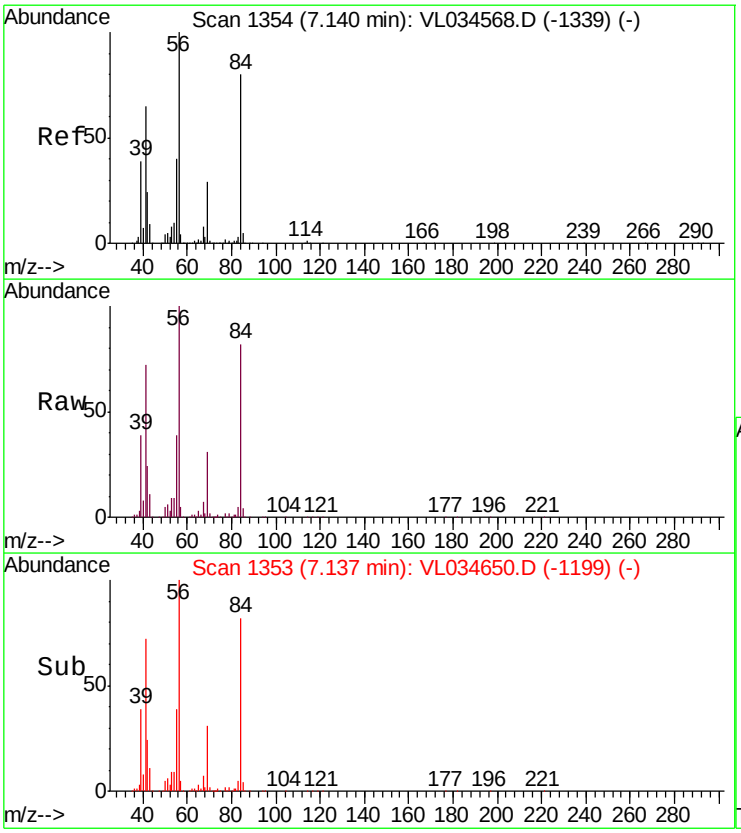
#29
Chloroform
Concen: 10.499 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 83 Resp: 1641822

Ion	Ratio	Lower	Upper
83	100		
85	62.5	54.0	81.0

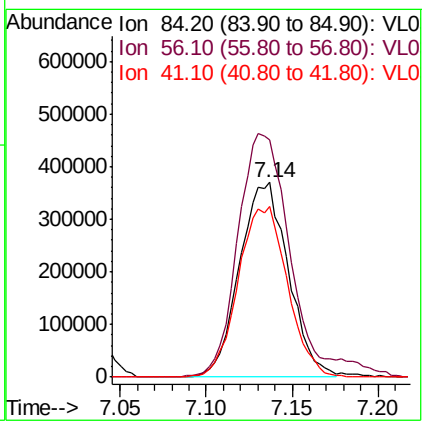


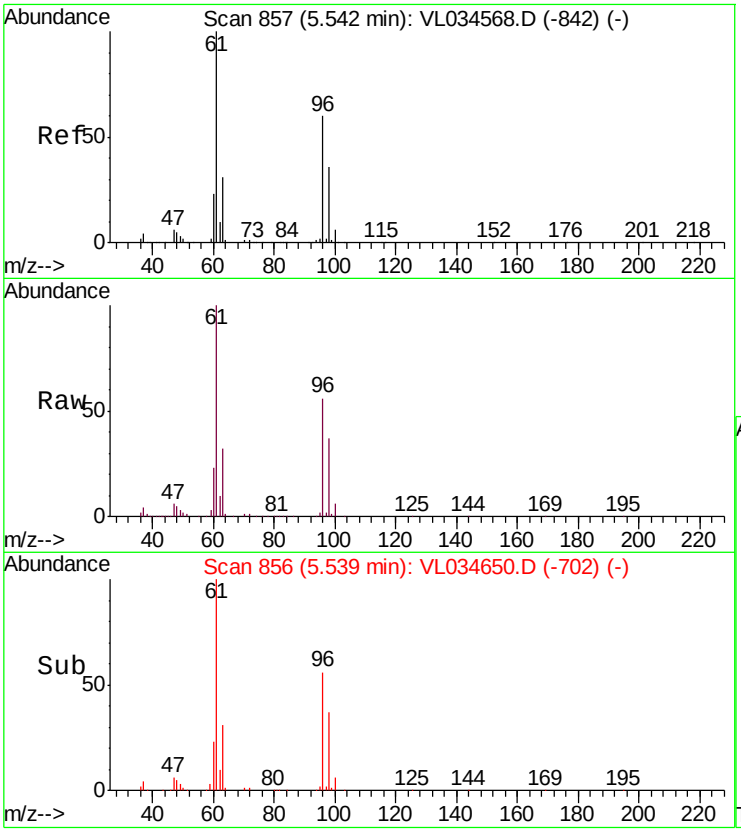


#30
Cyclohexane
Concen: 11.154 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 84 Resp: 730921

Ion	Ratio	Lower	Upper
84	100		
56	136.6	110.5	165.7
41	88.4	71.9	107.9



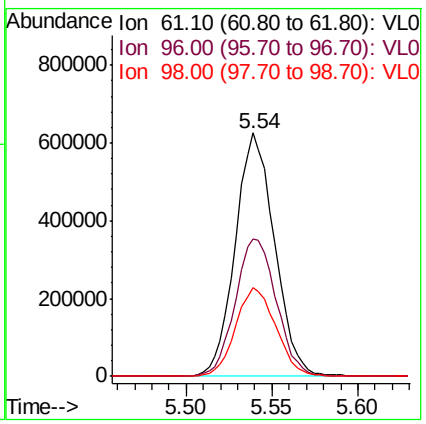


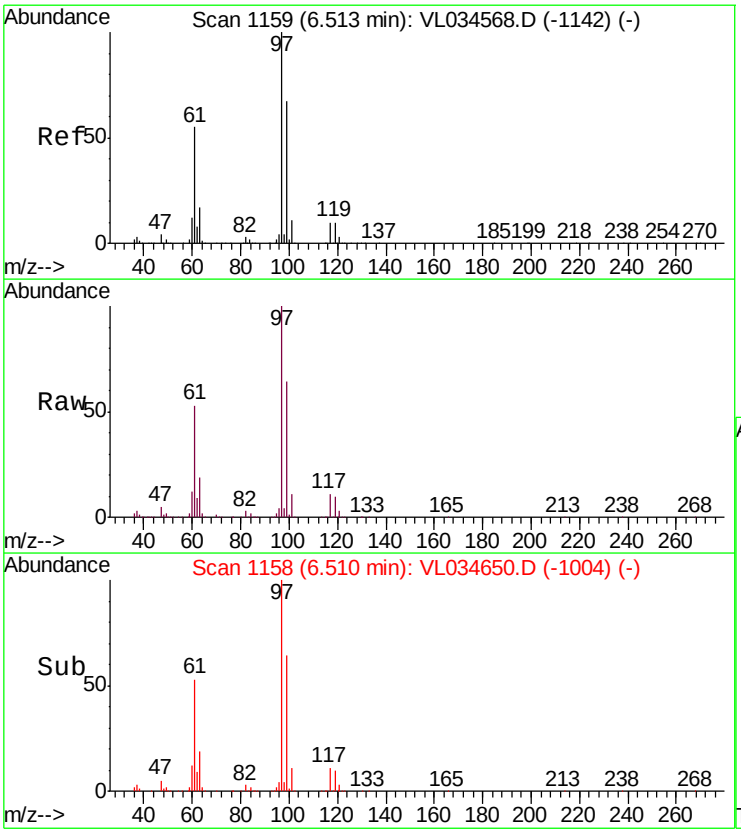
#31
cis-1,2-Dichloroethene
Concen: 10.812 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 61 Resp: 993458

Ion	Ratio	Lower	Upper
61	100		
96	56.1	48.0	72.0
98	36.4	28.6	43.0

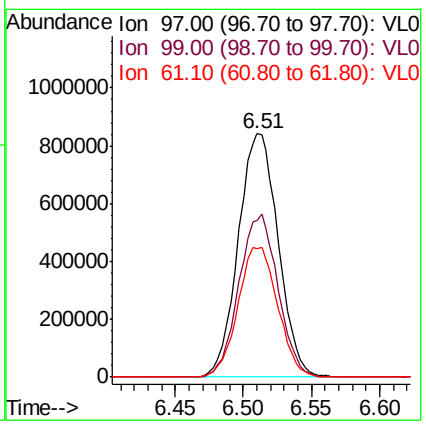


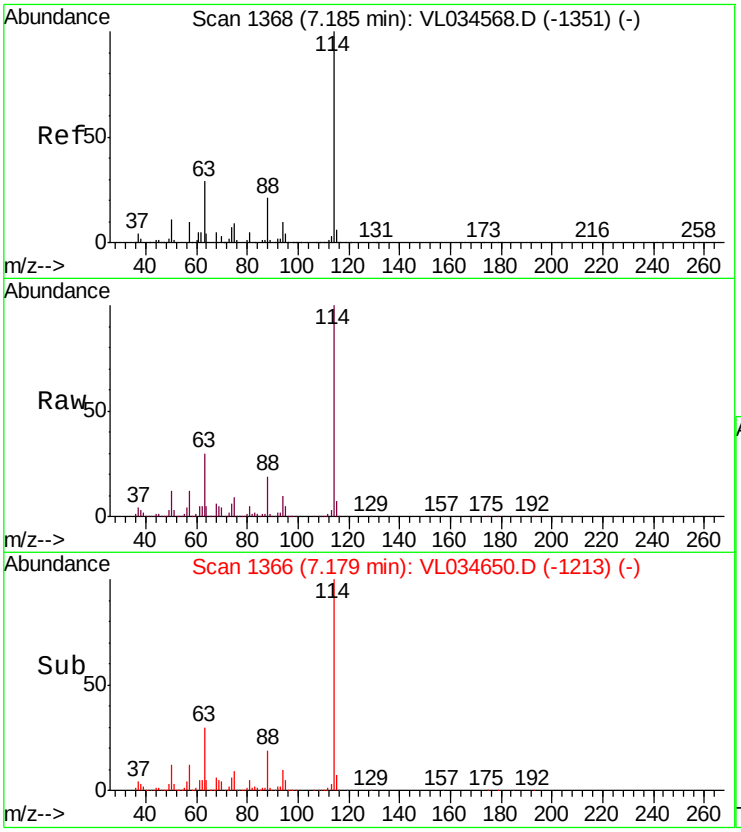


#32
1,1,1-Trichloroethane
Concen: 10.190 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 97 Resp: 1711033

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.2	78.2
61	53.4	43.0	64.4



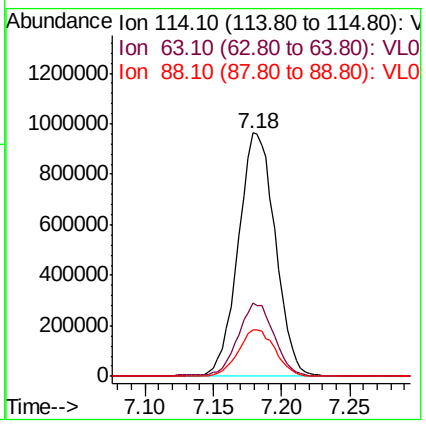


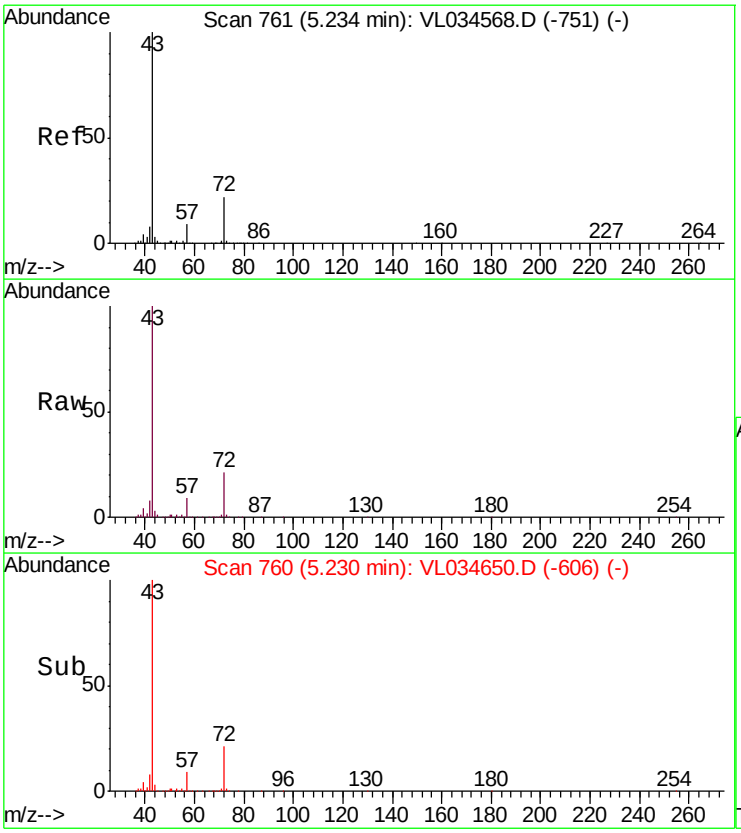
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:114 Resp: 1813543

Ion	Ratio	Lower	Upper
114	100		
63	30.2	24.1	36.1
88	19.1	15.9	23.9

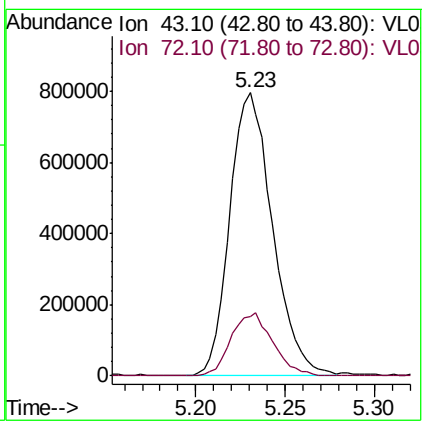


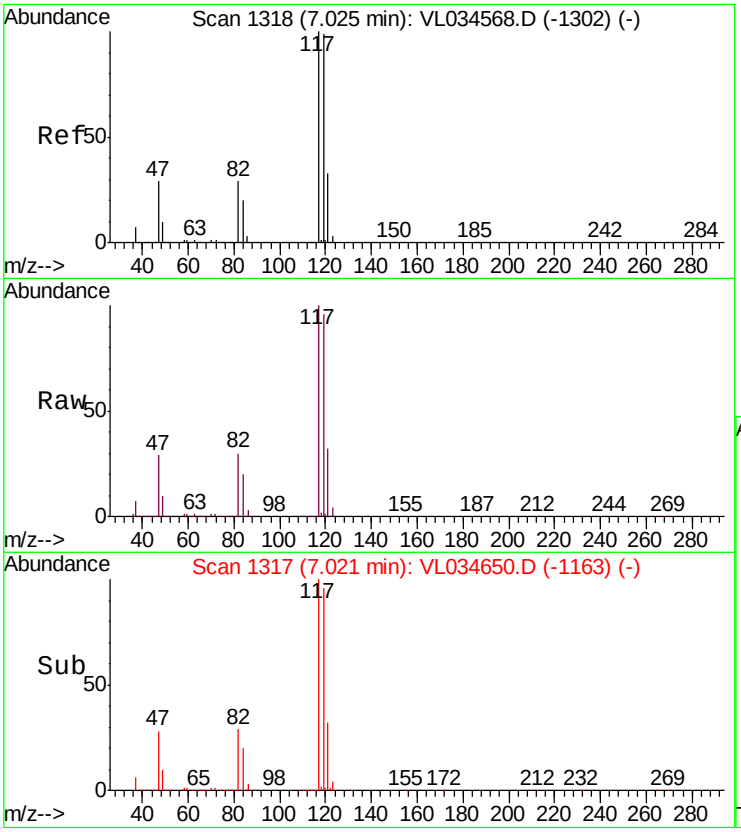


#34
2-Butanone
Concen: 10.100 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 43 Resp: 1329937

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.2	25.8



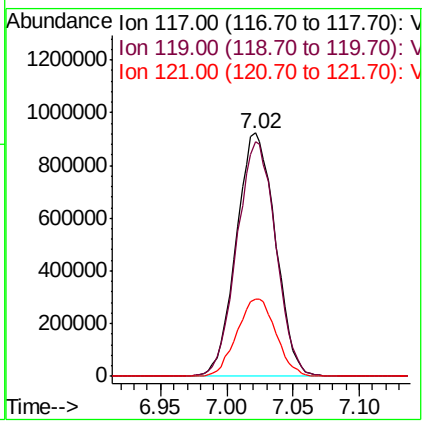


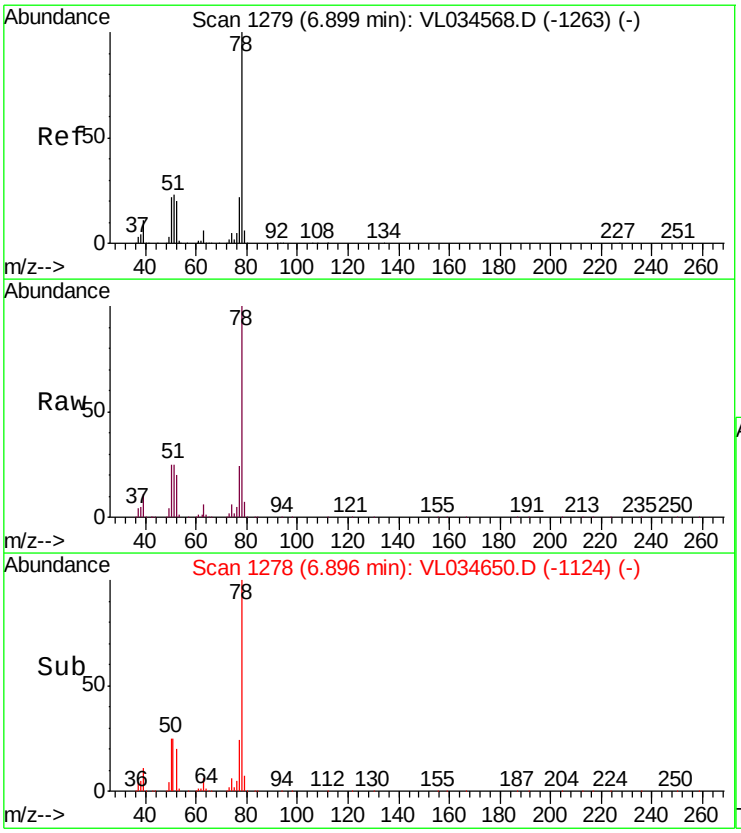
#35
Carbon Tetrachloride
Concen: 10.915 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion:117 Resp: 1892493

Ion	Ratio	Lower	Upper
117	100		
119	96.3	79.5	119.3
121	31.8	26.2	39.2

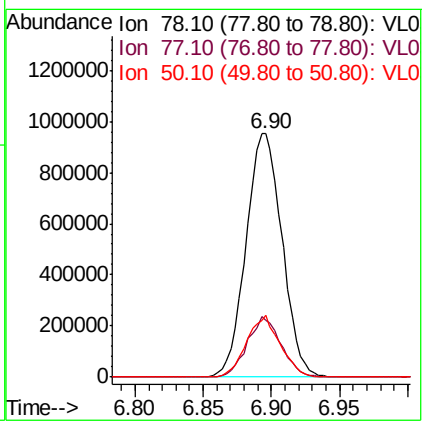


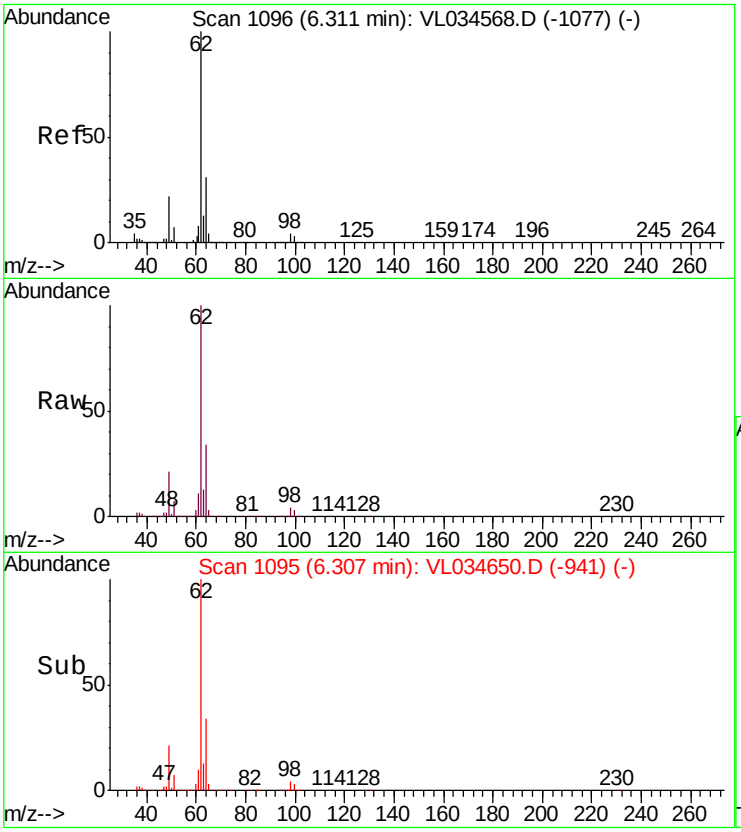


#36
Benzene
Concen: 10.852 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 78 Resp: 1750157

Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.3	25.9
50	25.2	17.4	26.2



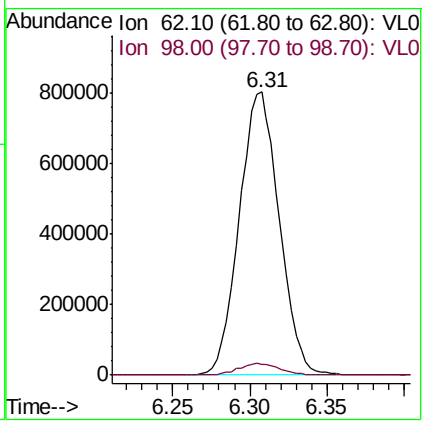


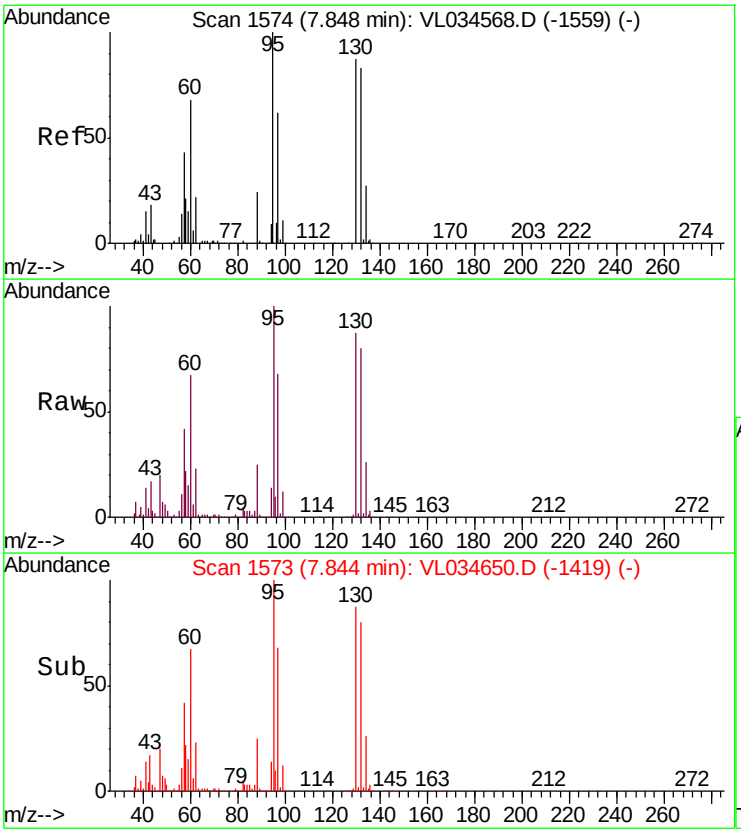
#37
1,2-Dichloroethane
Concen: 10.724 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 62 Resp: 1442997

Ion	Ratio	Lower	Upper
62	100		
98	4.3	3.7	5.5

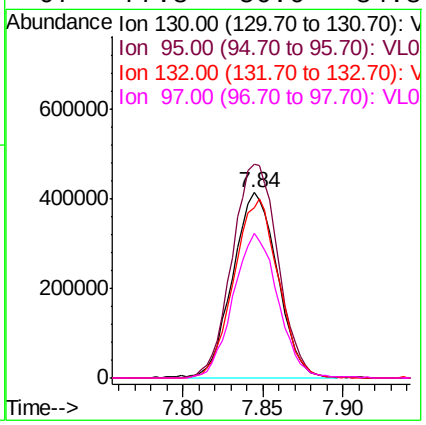


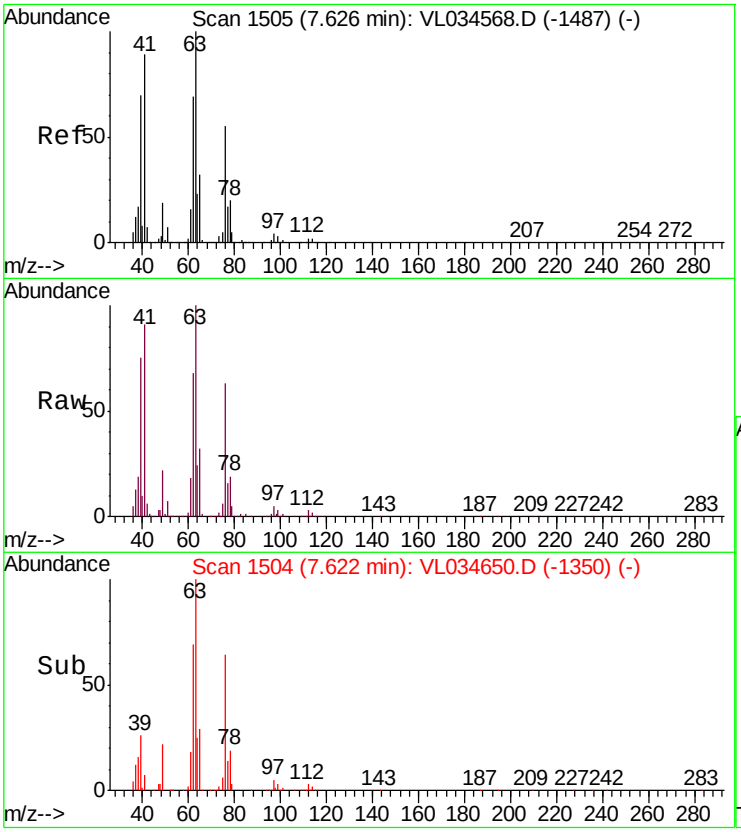


#38
Trichloroethene
Concen: 11.524 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:130 Resp: 783403

Ion	Ratio	Lower	Upper
130	100		
95	115.0	91.6	137.4
132	92.1	76.1	114.1
97	77.8	56.6	84.8



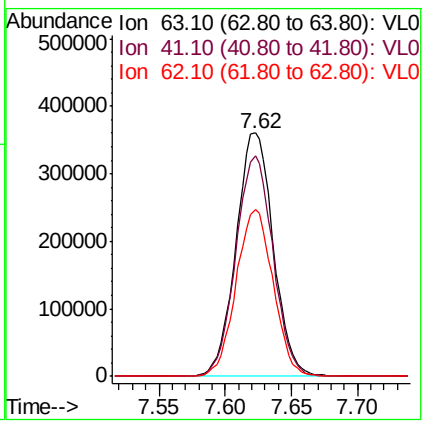


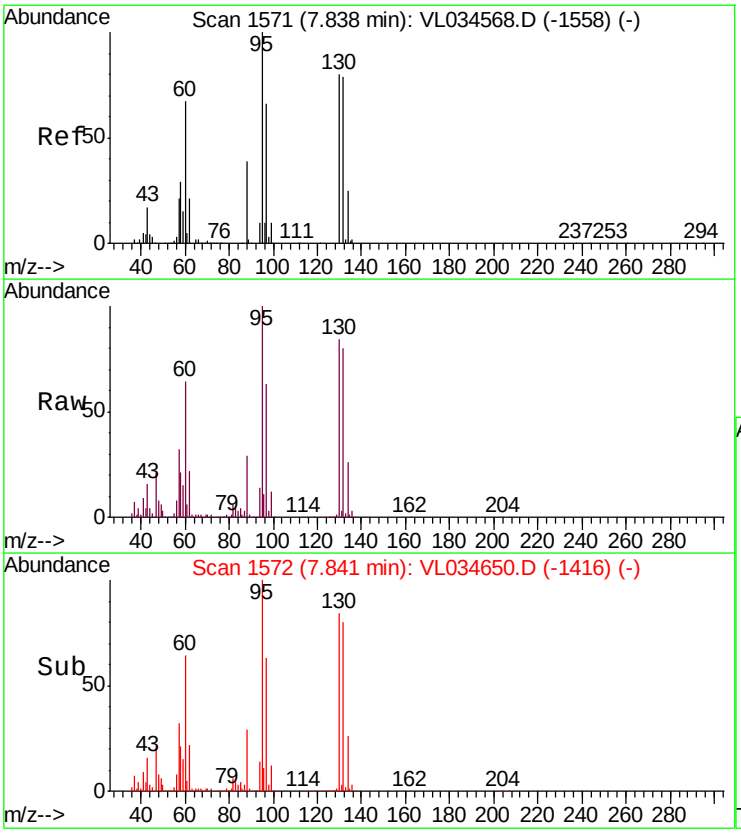
#39
1,2-Dichloropropane
Concen: 10.527 ppbv
RT: 7.62 min Scan# 1504
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 63 Resp: 703814

Ion	Ratio	Lower	Upper
63	100		
41	90.8	71.0	106.4
62	68.4	55.4	83.0

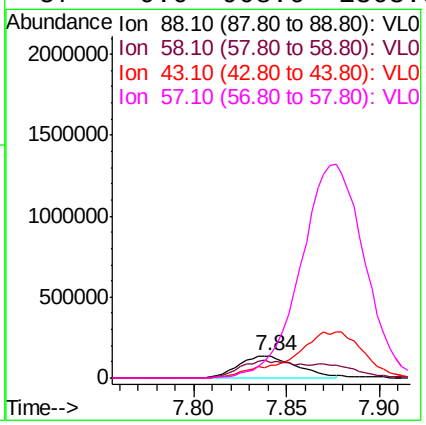


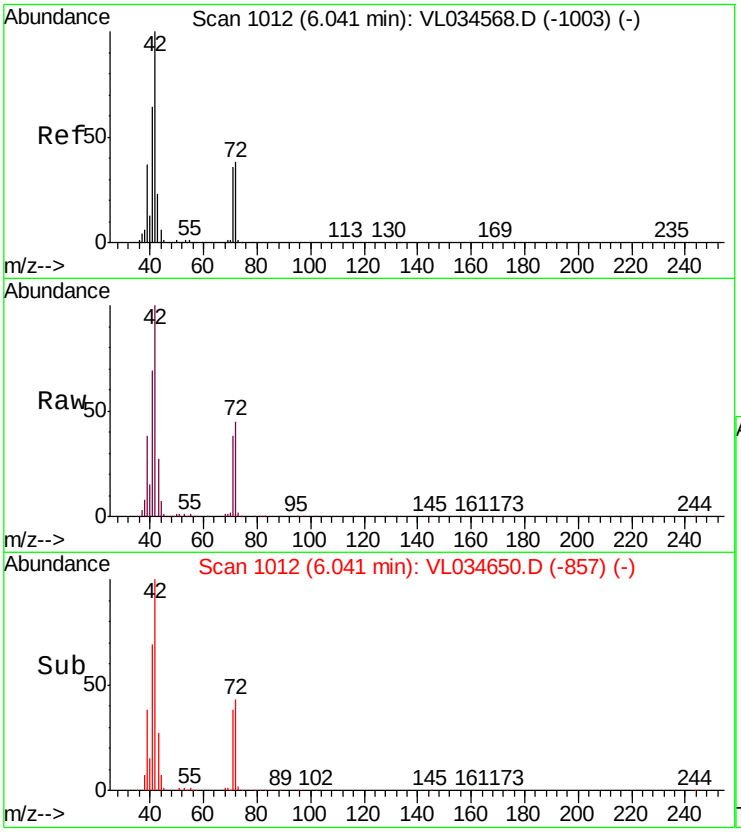


#40
1,4-Dioxane
Concen: 11.312 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 88 Resp: 290727

Ion	Ratio	Lower	Upper
88	100		
58	132.9	107.8	161.8
43	0.0	220.9	331.3#
57	0.0	908.6	1363.0#



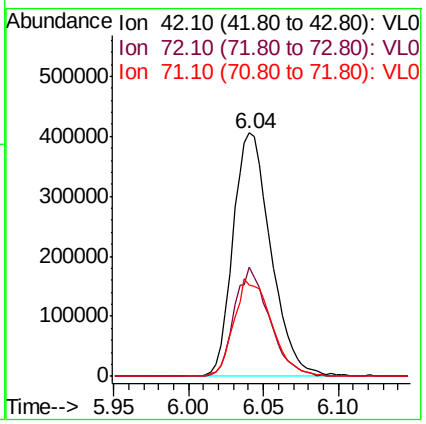


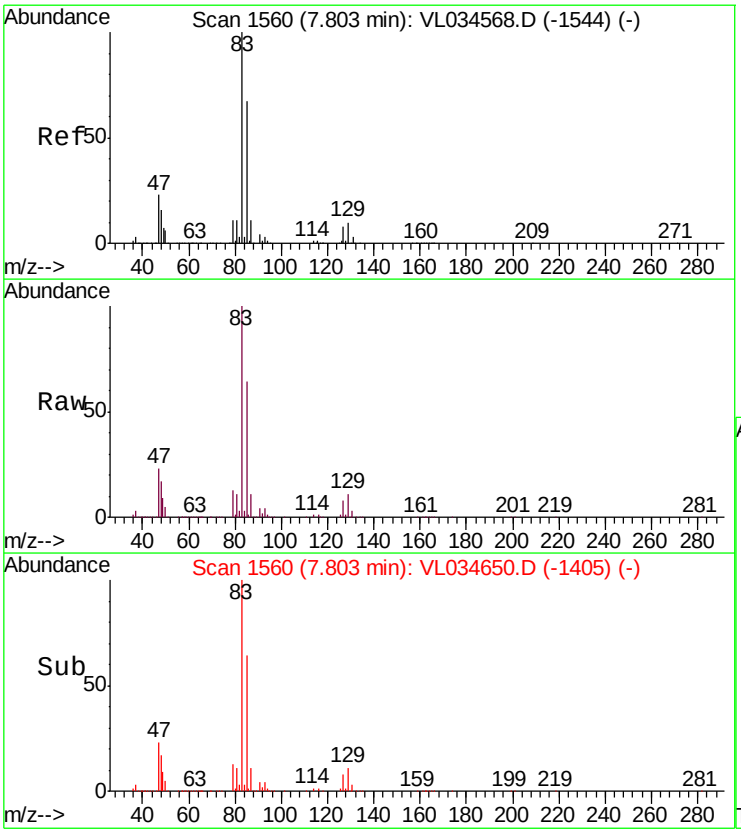
#41
Tetrahydrofuran
Concen: 10.353 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 42 Resp: 711188

Ion	Ratio	Lower	Upper
42	100		
72	41.8	31.8	47.8
71	39.9	30.2	45.4

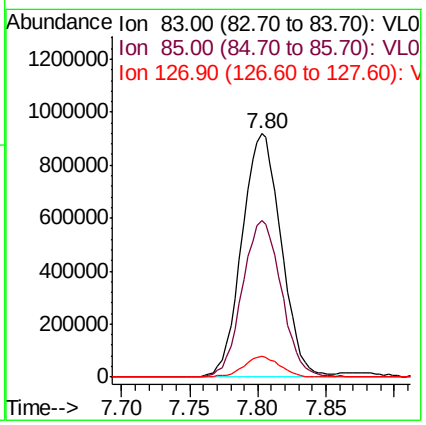


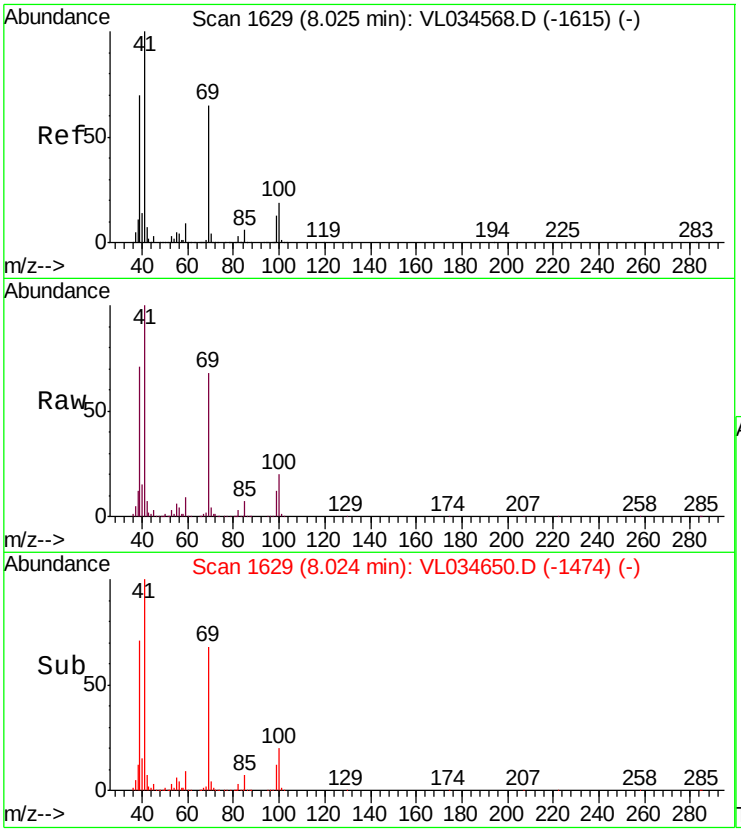


#42
Bromodichloromethane
Concen: 11.090 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 83 Resp: 1836645

Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.2	79.8
127	8.4	6.5	9.7



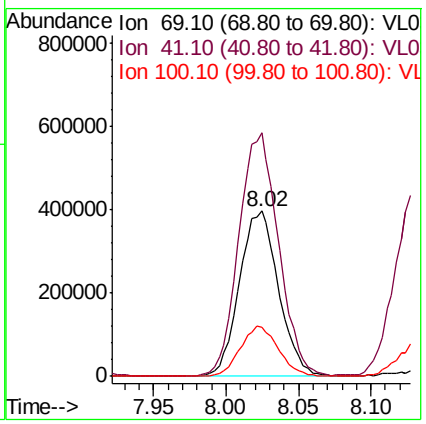


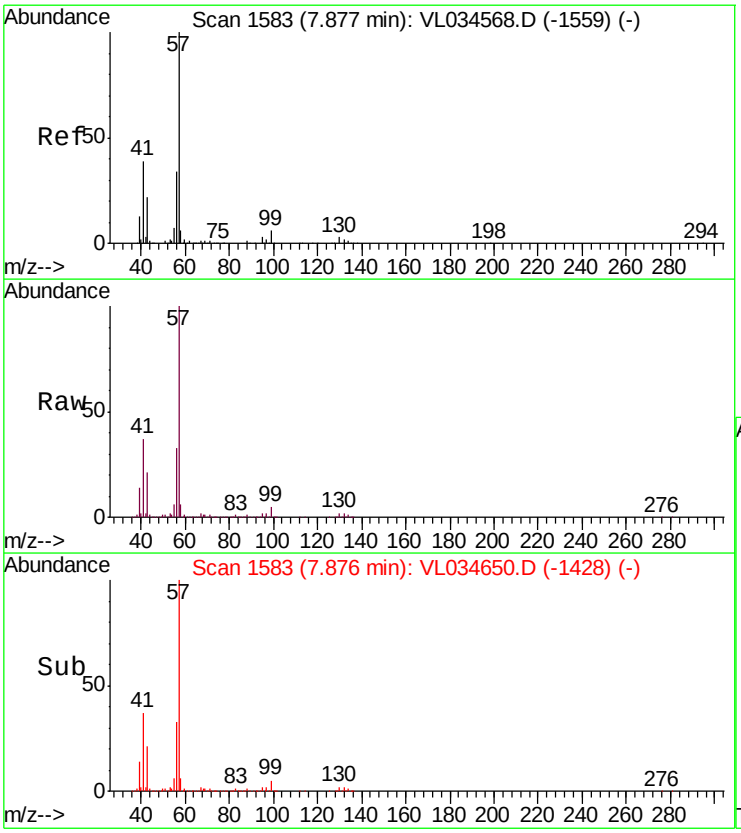
#43
Methyl Methacrylate
Concen: 11.523 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 69 Resp: 747456

Ion	Ratio	Lower	Upper
69	100		
41	148.9	123.9	185.9
100	29.7	24.1	36.1

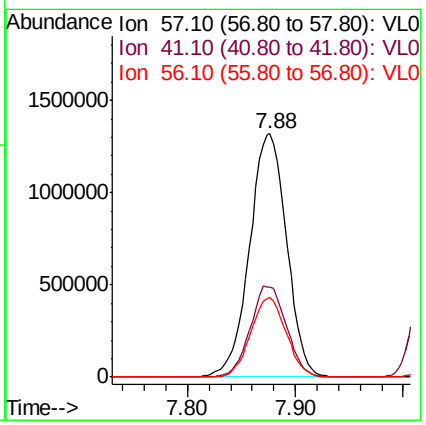


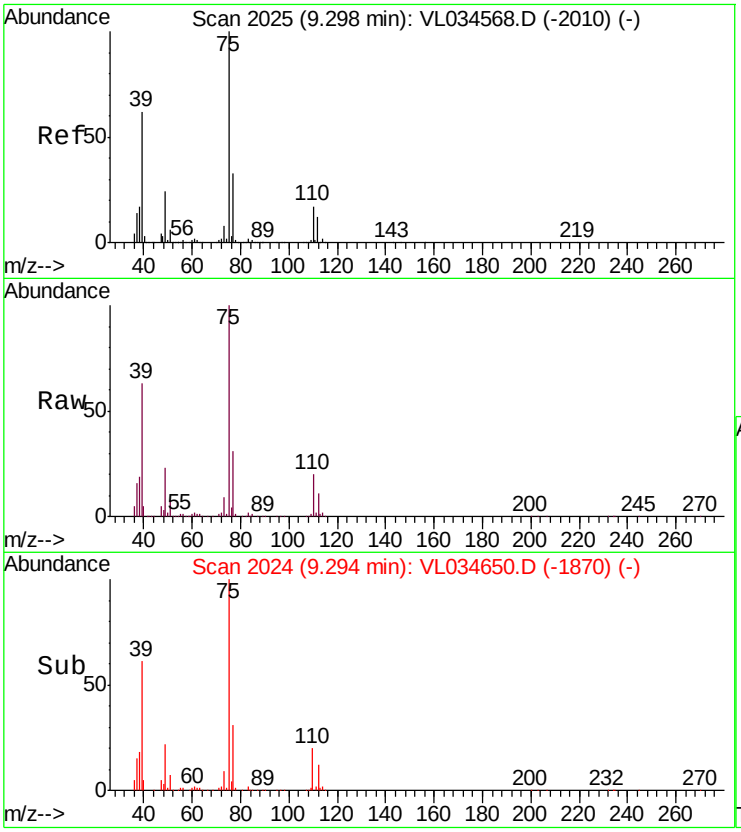


#44
2,2,4-Trimethylpentane
Concen: 10.757 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 57 Resp: 3147583

Ion	Ratio	Lower	Upper
57	100		
41	36.7	28.9	43.3
56	31.3	25.5	38.3



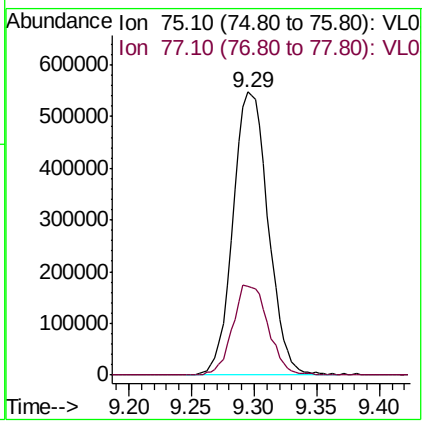


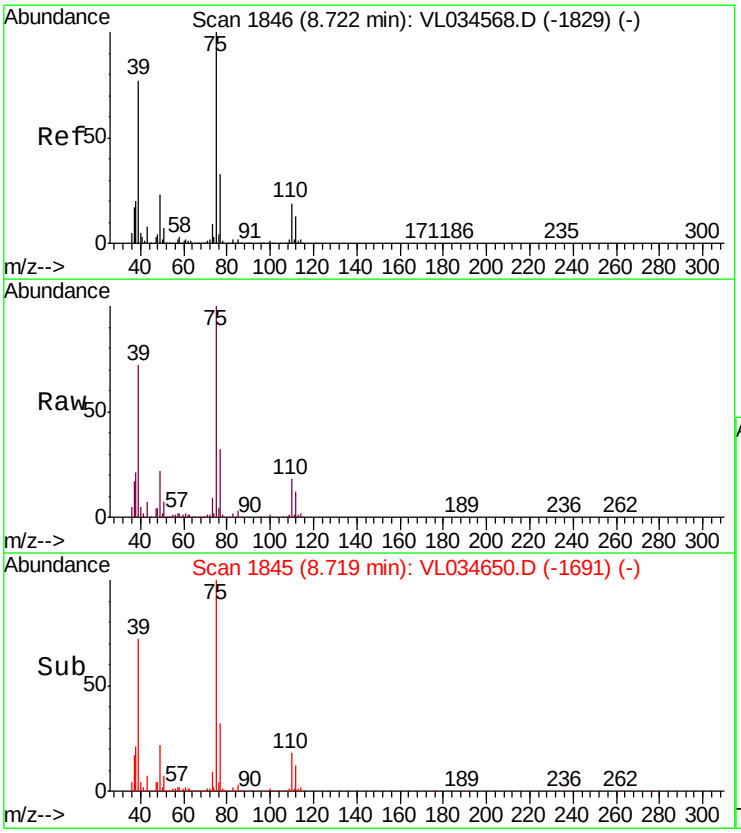
#45
t-1,3-Dichloropropene
Concen: 12.598 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 75 Resp: 1070026

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.7	40.1

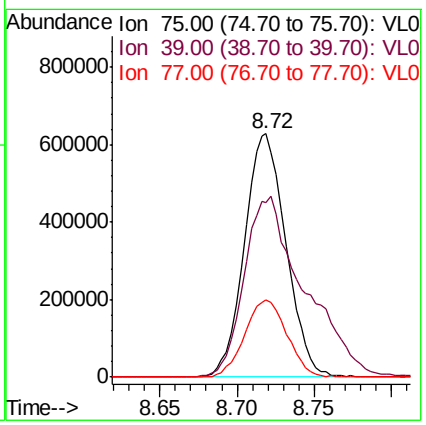


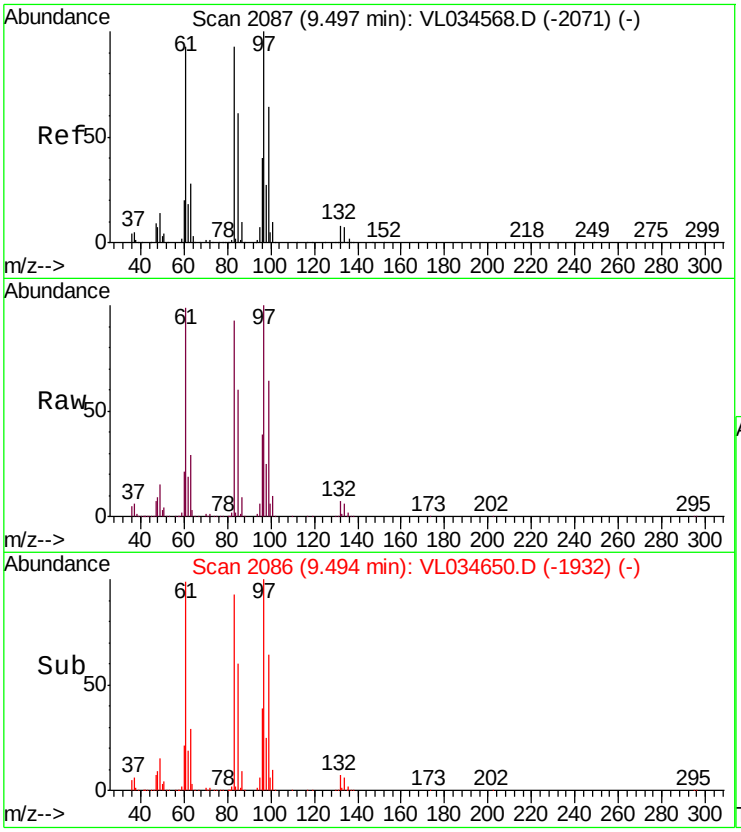


#46
cis-1,3-Dichloropropene
Concen: 12.172 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 75 Resp: 1175046

Ion	Ratio	Lower	Upper
75	100		
39	71.8	61.9	92.9
77	31.6	26.1	39.1



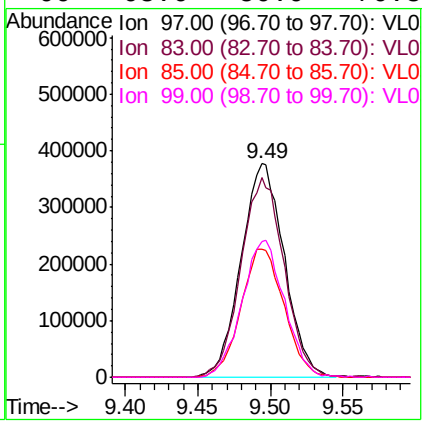


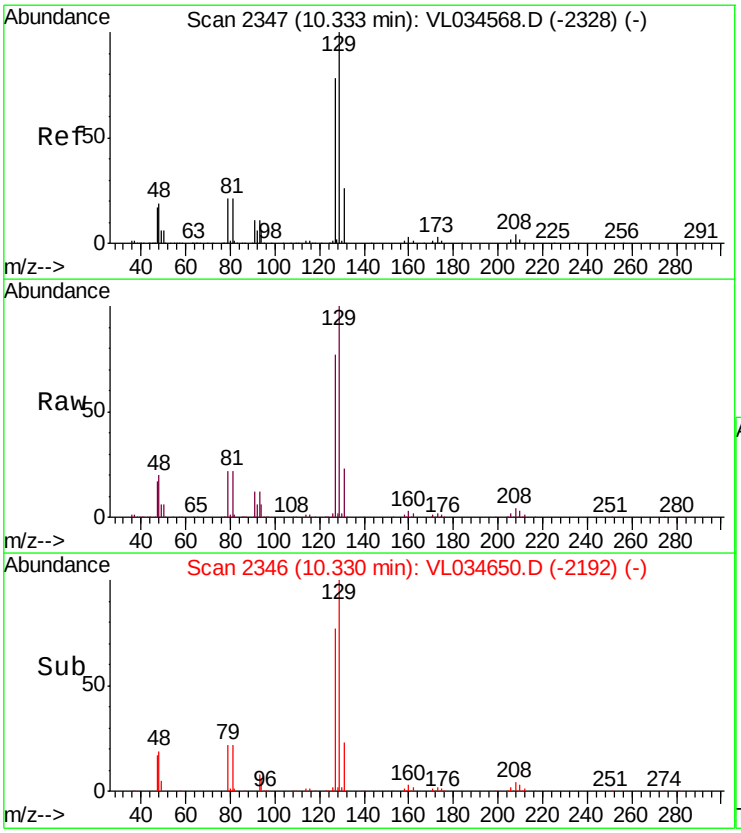
#47
1,1,2-Trichloroethane
Concen: 10.800 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 97 Resp: 782061

Ion	Ratio	Lower	Upper
97	100		
83	93.2	74.4	111.6
85	59.4	49.2	73.8
99	63.6	50.9	76.3

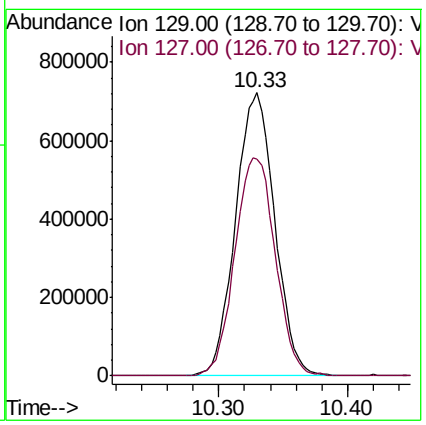


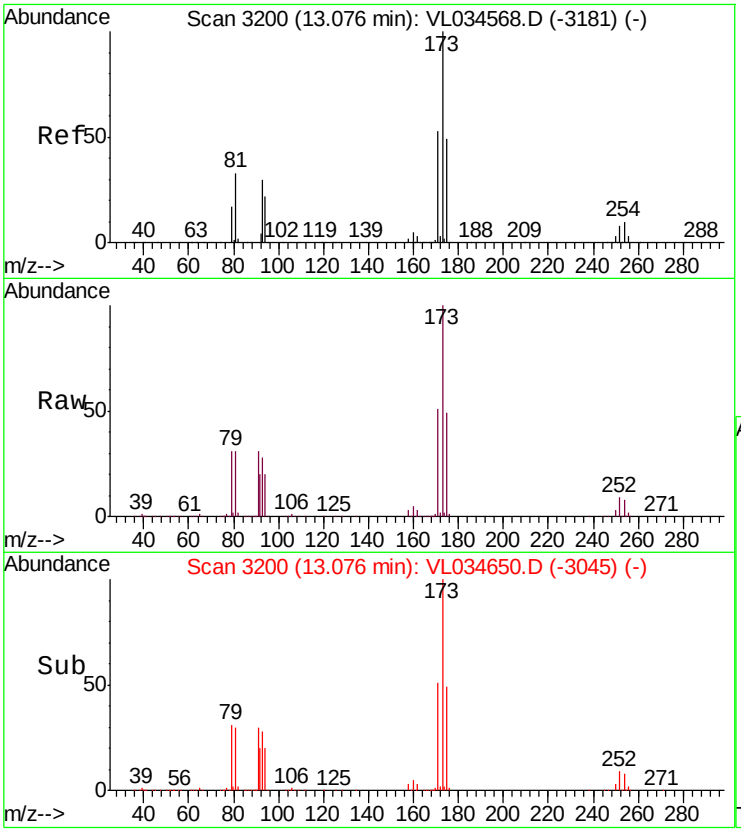


#48
Dibromochloromethane
Concen: 11.504 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:129 Resp: 1526451

Ion	Ratio	Lower	Upper
129	100		
127	80.0	39.1	117.2



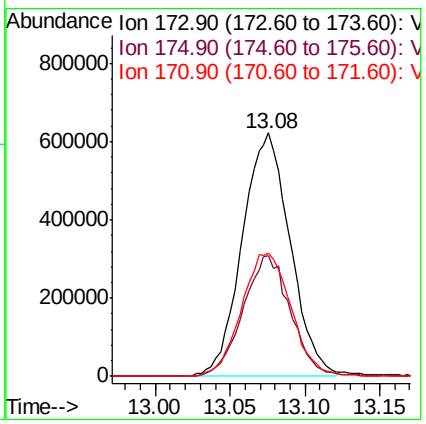


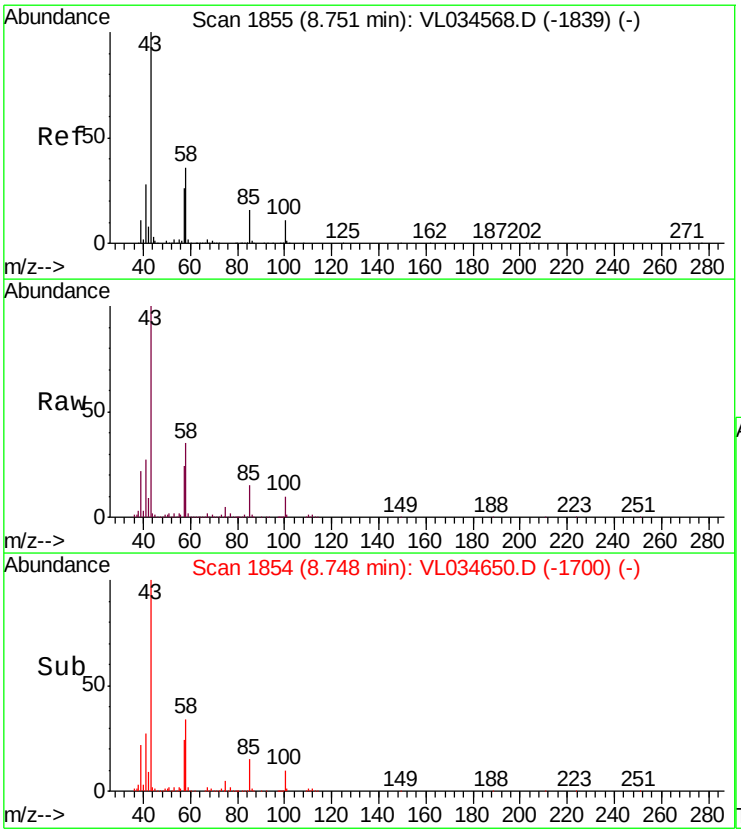
#49
Bromoform
Concen: 11.868 ppbv
RT: 13.08 min Scan# 3200
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:173 Resp: 1382587

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.7	59.5
171	52.9	41.6	62.4

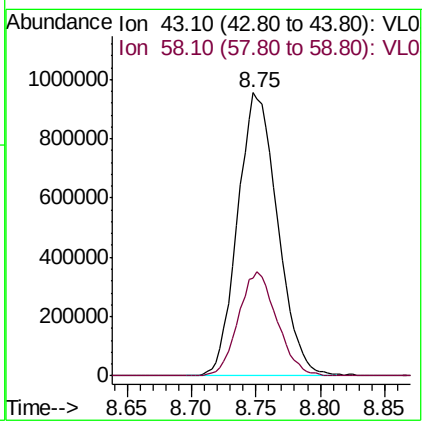


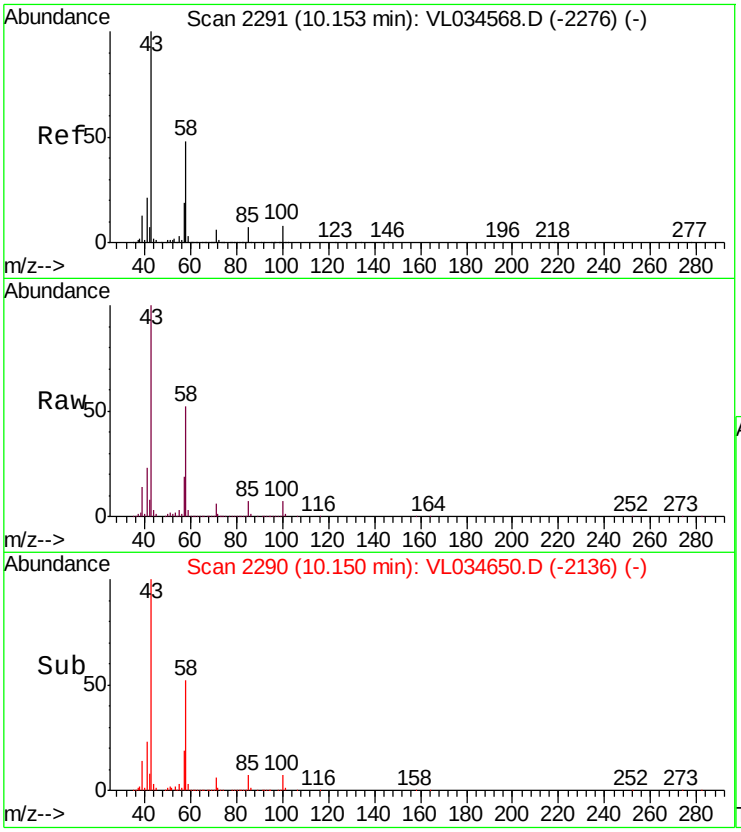


#50
4-Methyl-2-Pentanone
Concen: 10.980 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 43 Resp: 2061822

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.6	43.0



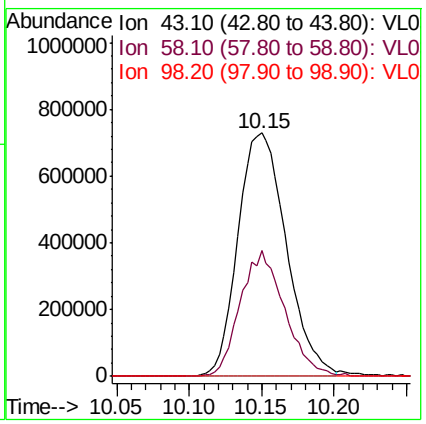


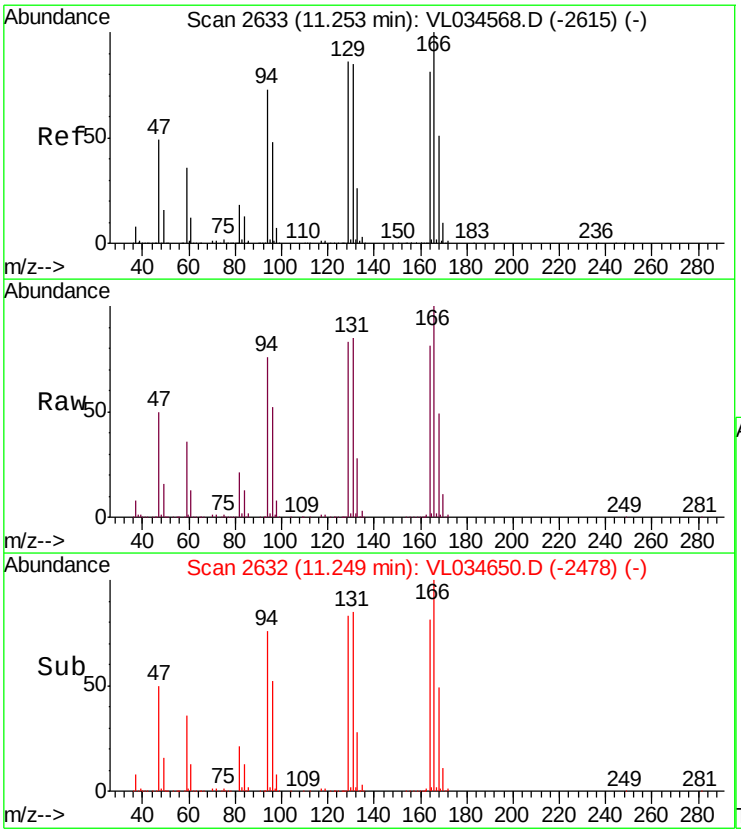
#51
2-Hexanone
Concen: 11.426 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 43 Resp: 1689089

Ion	Ratio	Lower	Upper
43	100		
58	47.6	37.9	56.9
98	0.4	0.3	0.5

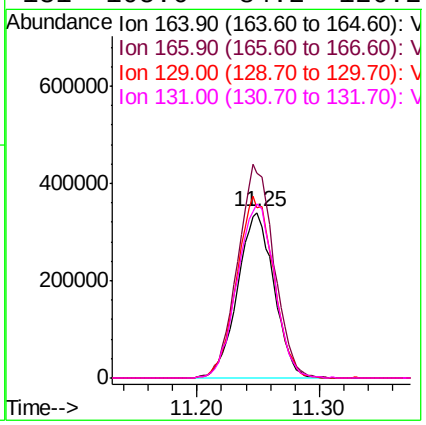


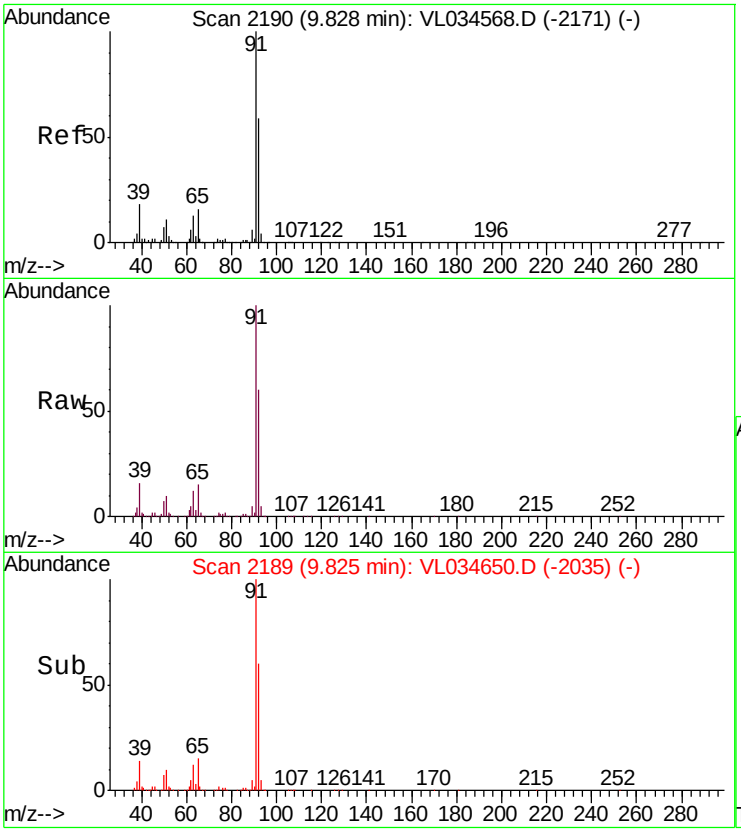


#52
Tetrachloroethene
Concen: 10.722 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:164 Resp: 694634

Ion	Ratio	Lower	Upper
164	100		
166	123.8	99.0	148.4
129	103.0	85.3	127.9
131	105.6	84.2	126.2



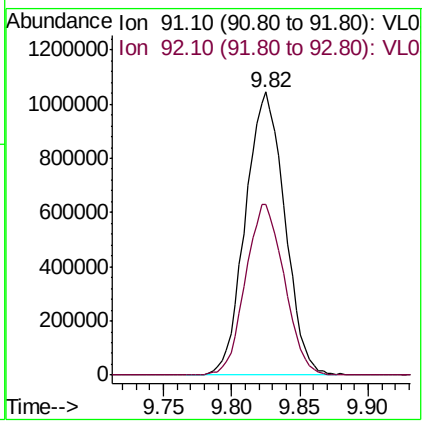


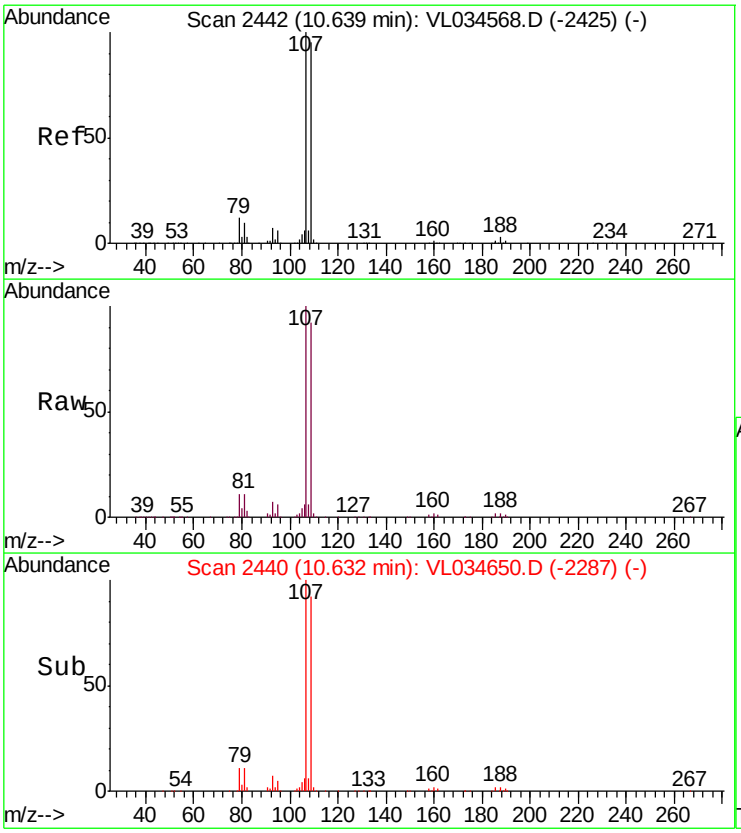
#53
Toluene
Concen: 11.791 ppbv
RT: 9.82 min Scan# 2189
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 91 Resp: 2088930

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.2	72.2

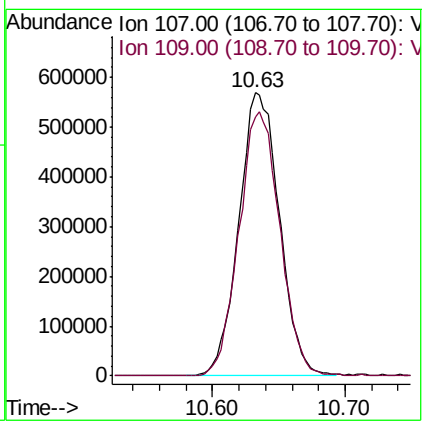


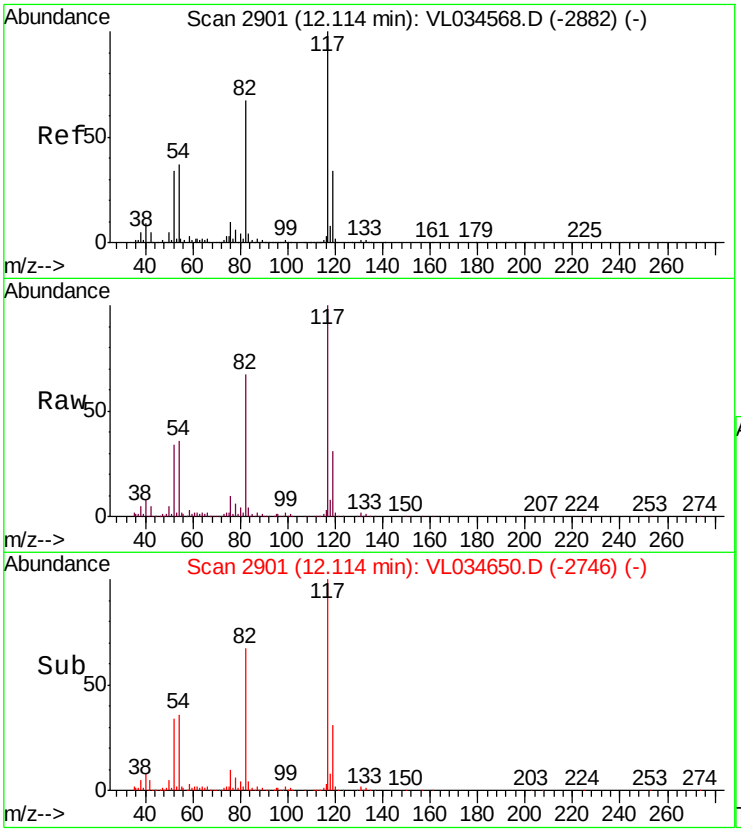


#54
1,2-Dibromoethane
Concen: 11.169 ppbv
RT: 10.63 min Scan# 2440
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:107 Resp: 1211972

Ion	Ratio	Lower	Upper
107	100		
109	91.5	75.9	113.9



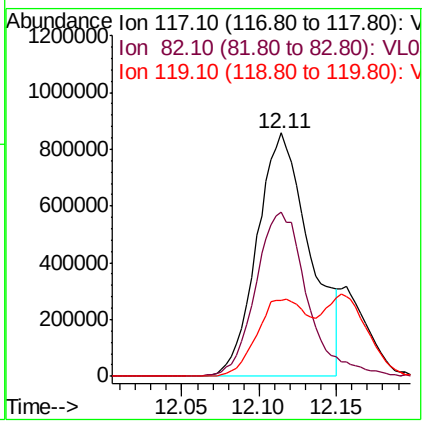


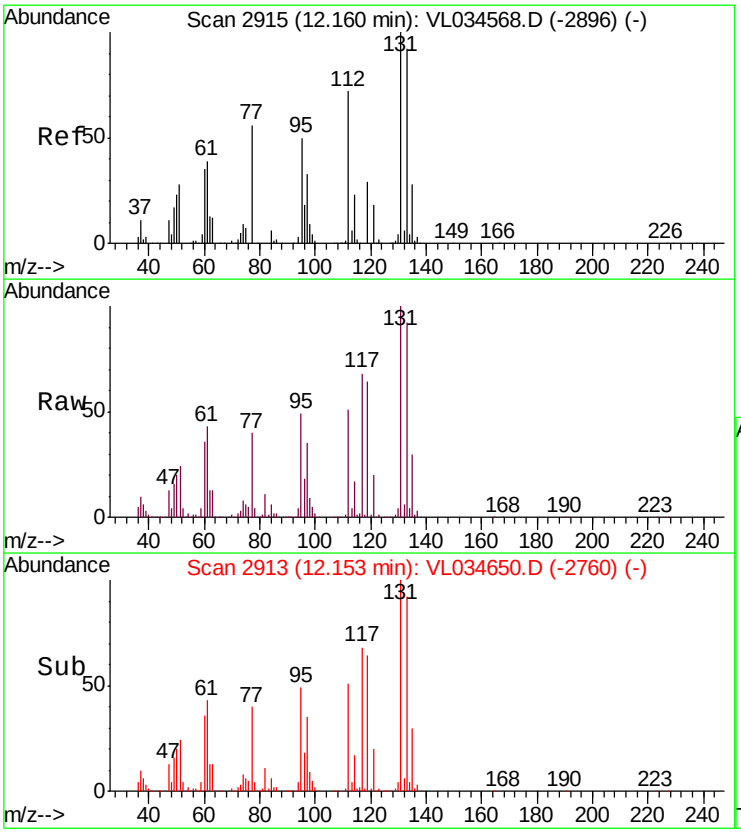
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:117 Resp: 2036974

Ion	Ratio	Lower	Upper
117	100		
82	66.1	54.2	81.4
119	29.5	26.1	39.1

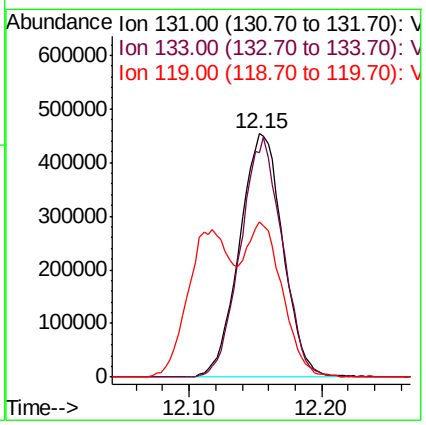


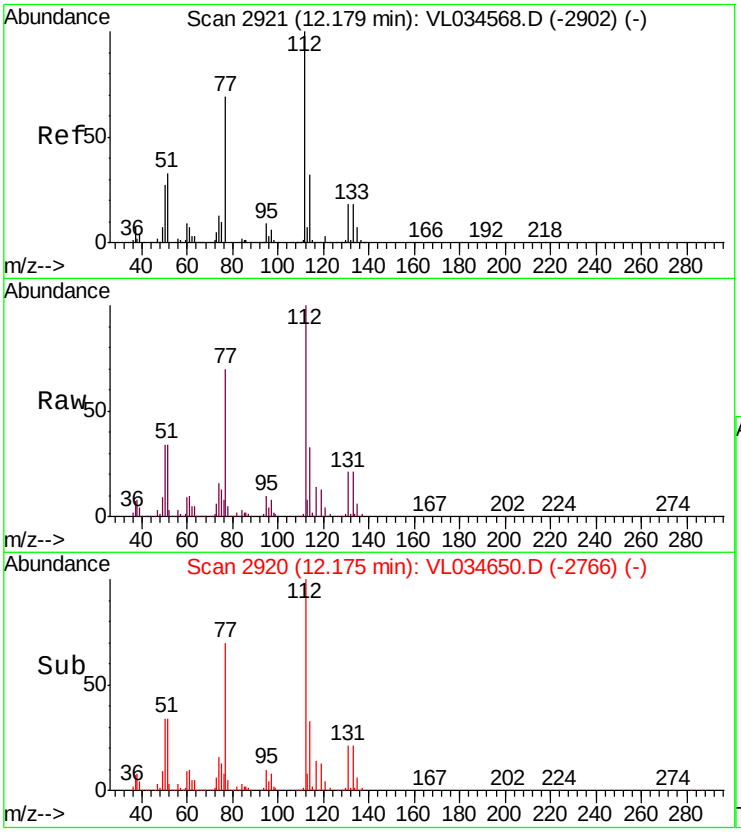


#56
1,1,1,2-Tetrachloroethane
Concen: 10.253 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:131 Resp: 1031130

Ion	Ratio	Lower	Upper
131	100		
133	95.5	75.8	113.8
119	58.9	47.0	70.6



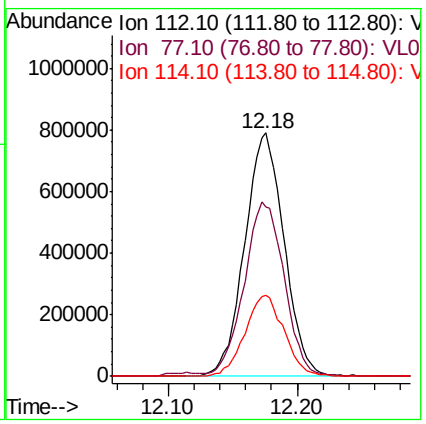


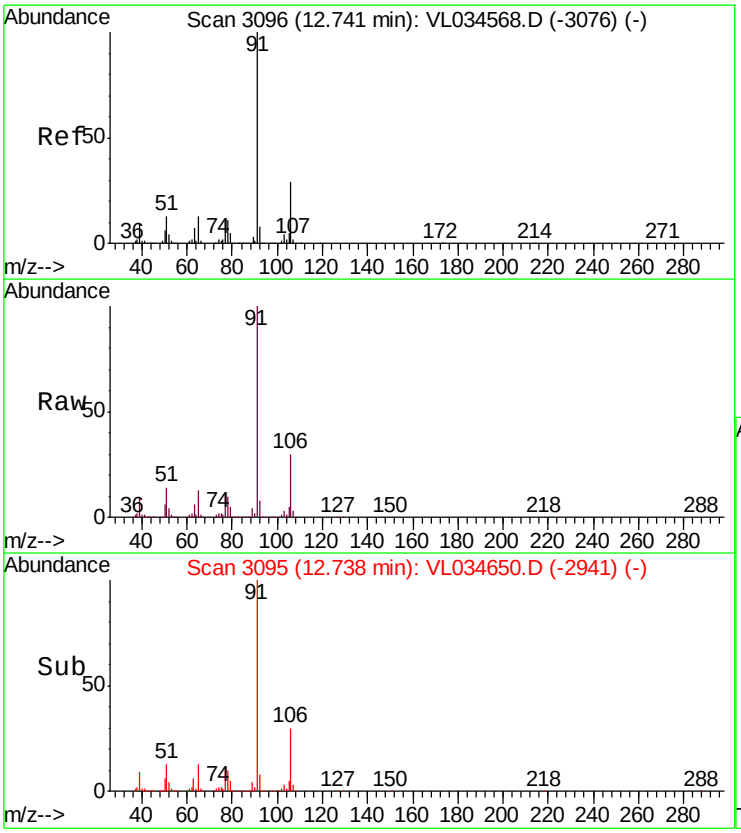
#57
Chlorobenzene
Concen: 10.031 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:112 Resp: 1681418

Ion	Ratio	Lower	Upper
112	100		
77	69.3	56.5	84.7
114	33.1	29.2	35.6

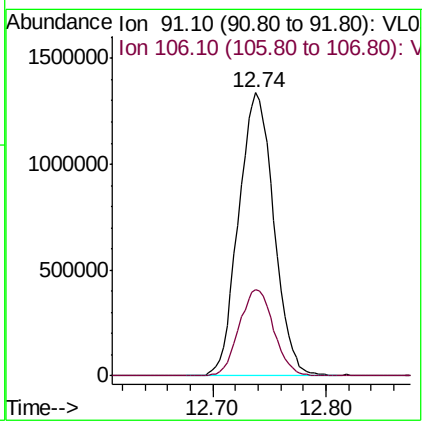


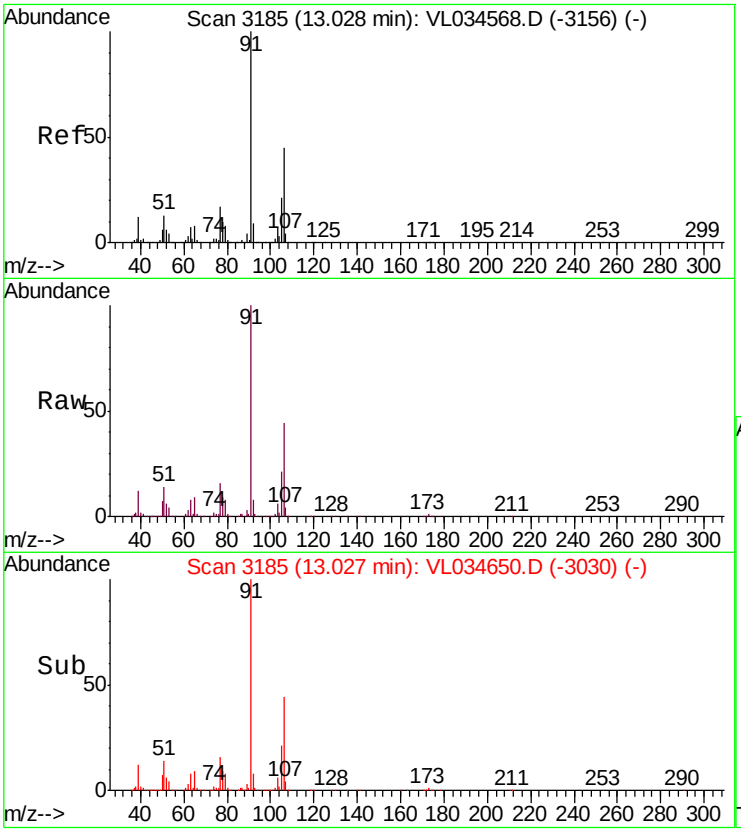


#58
Ethyl Benzene
Concen: 10.654 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 91 Resp: 2904003

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.3	34.9



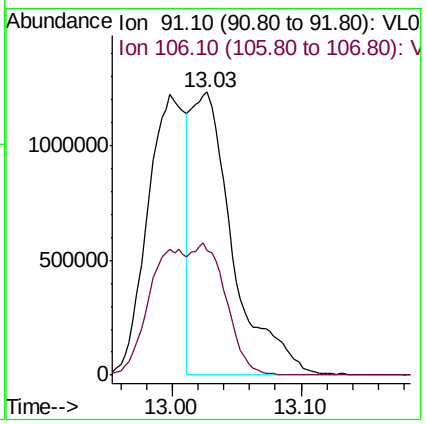


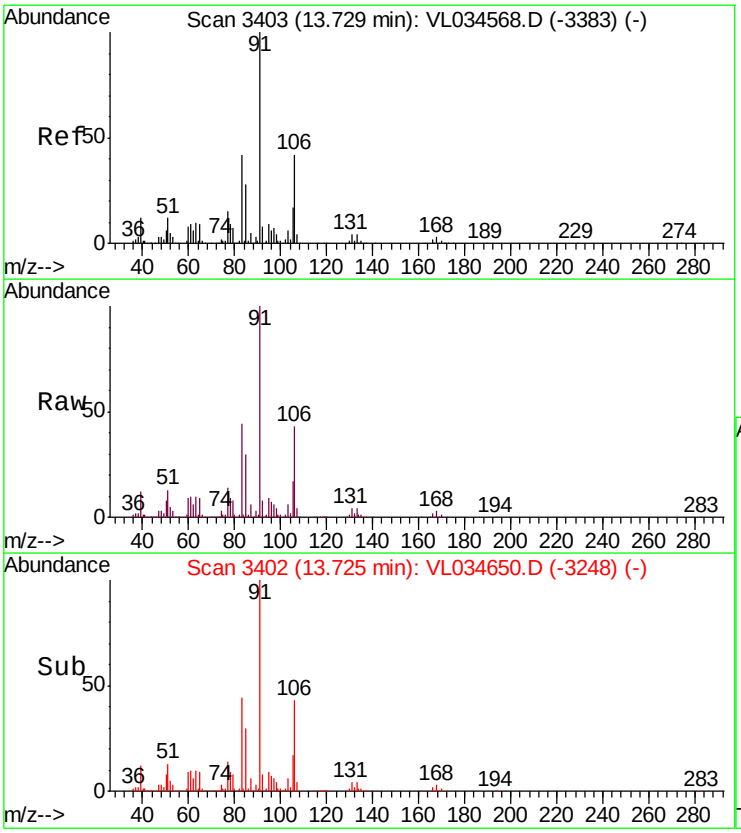
#59
m/p-Xylene
Concen: 11.436 ppbv
RT: 13.03 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 91 Resp: 2755594

Ion	Ratio	Lower	Upper
91	100		
106	80.5	35.3	52.9#

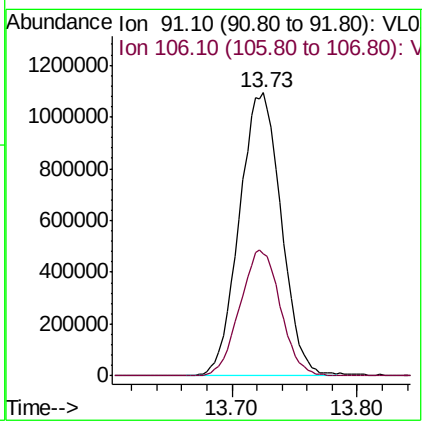


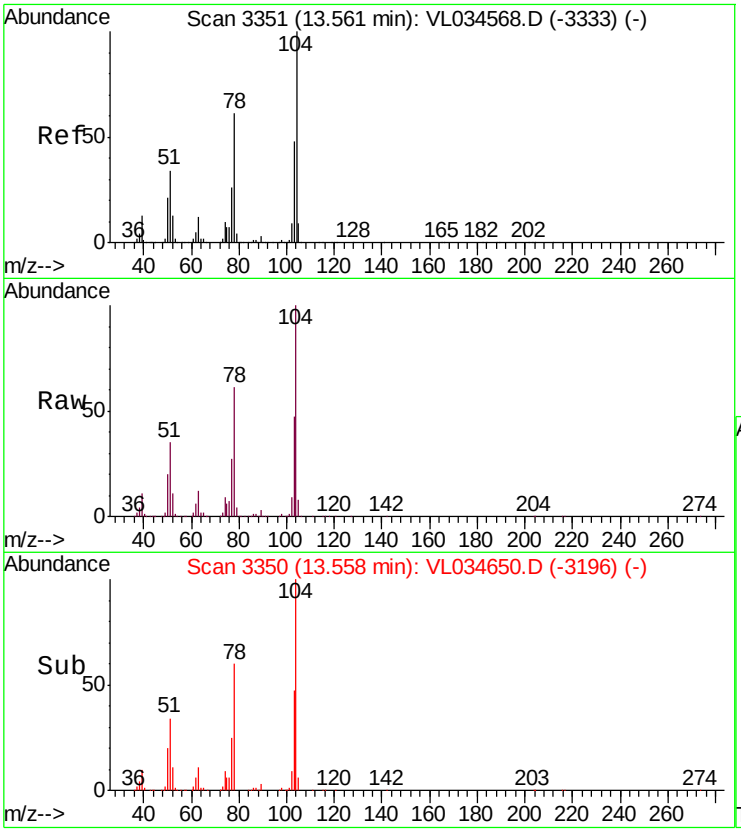


#60
o-Xylene
Concen: 10.470 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 91 Resp: 2533682

Ion	Ratio	Lower	Upper
91	100		
106	43.4	21.6	65.0



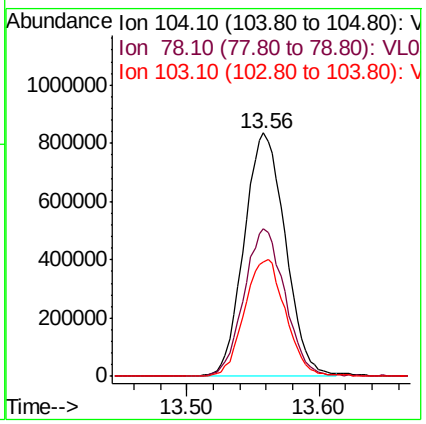


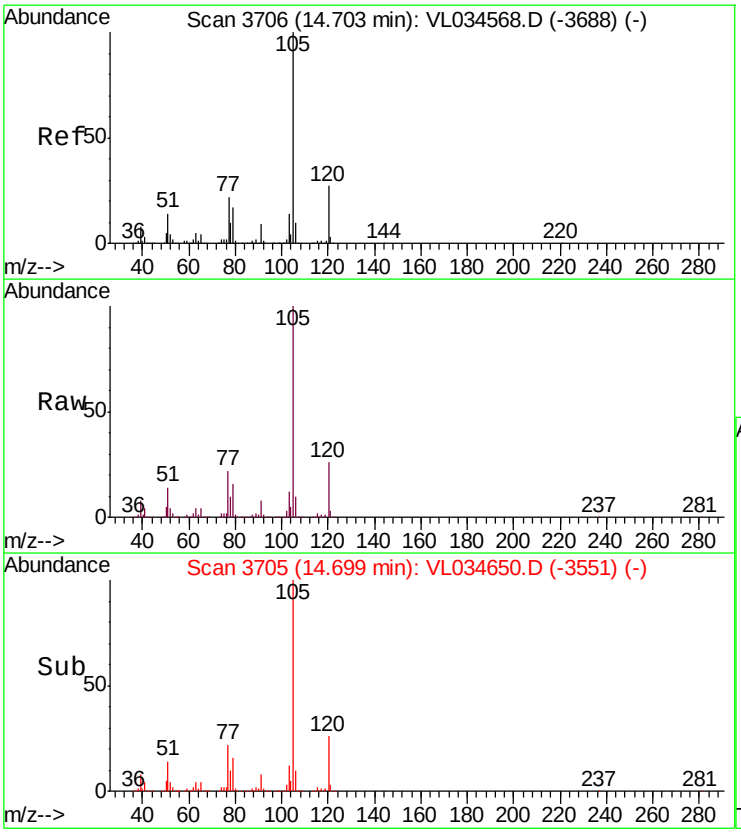
#61
Styrene
Concen: 11.190 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:104 Resp: 1805577

Ion	Ratio	Lower	Upper
104	100		
78	60.6	47.0	70.6
103	48.2	38.5	57.7

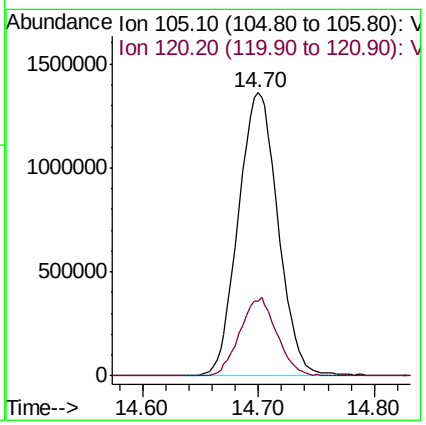


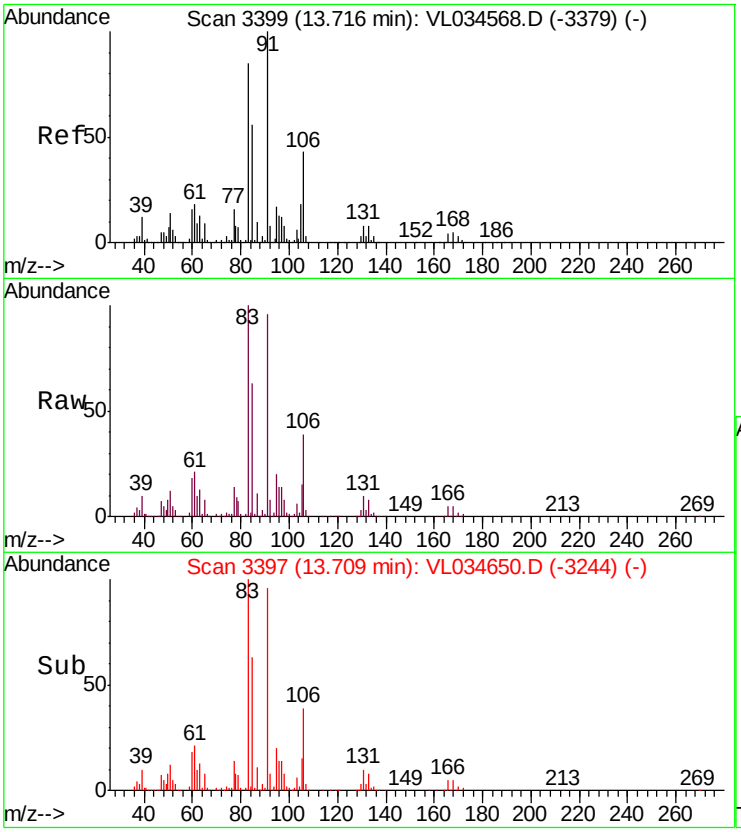


#62
Isopropylbenzene
Concen: 10.337 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:105 Resp: 3241429

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.7	31.1



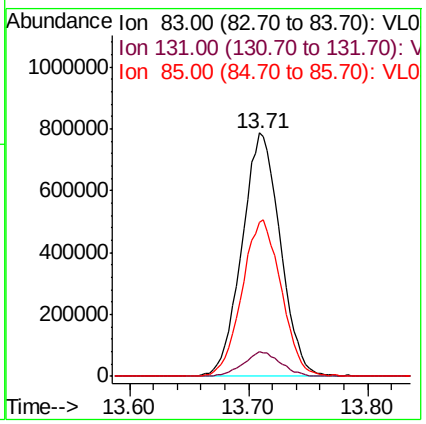


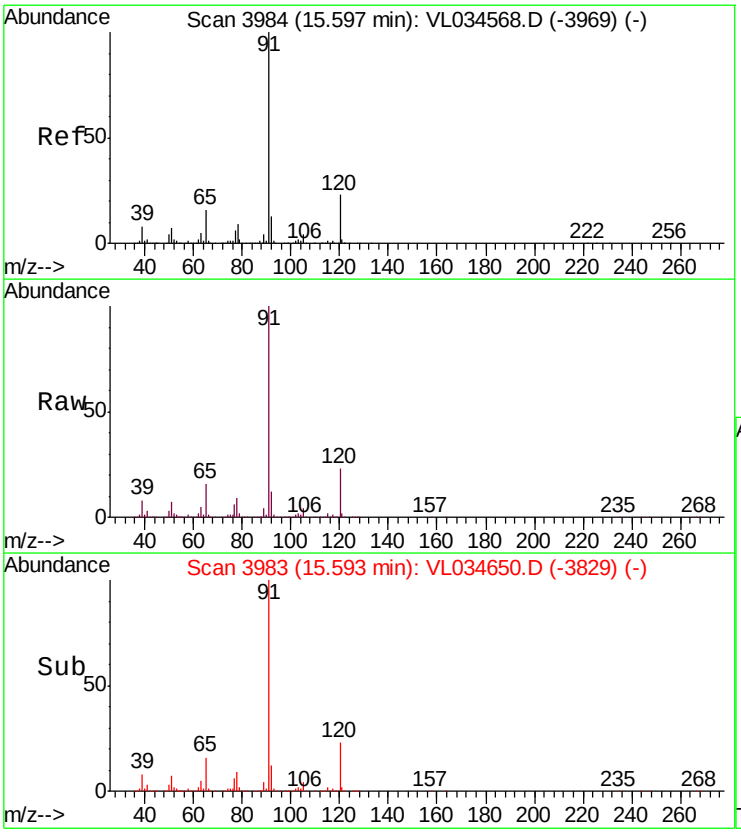
#63
1,1,2,2-Tetrachloroethane
Concen: 9.356 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion: 83 Resp: 1751016

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	66.0	32.6	98.0

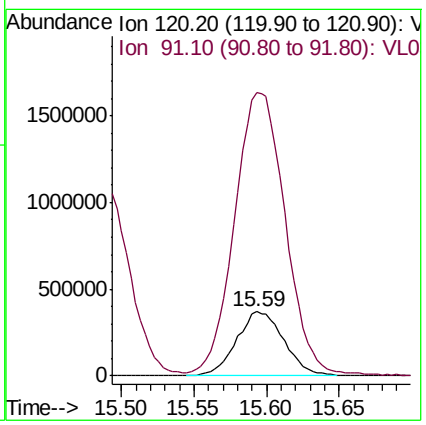


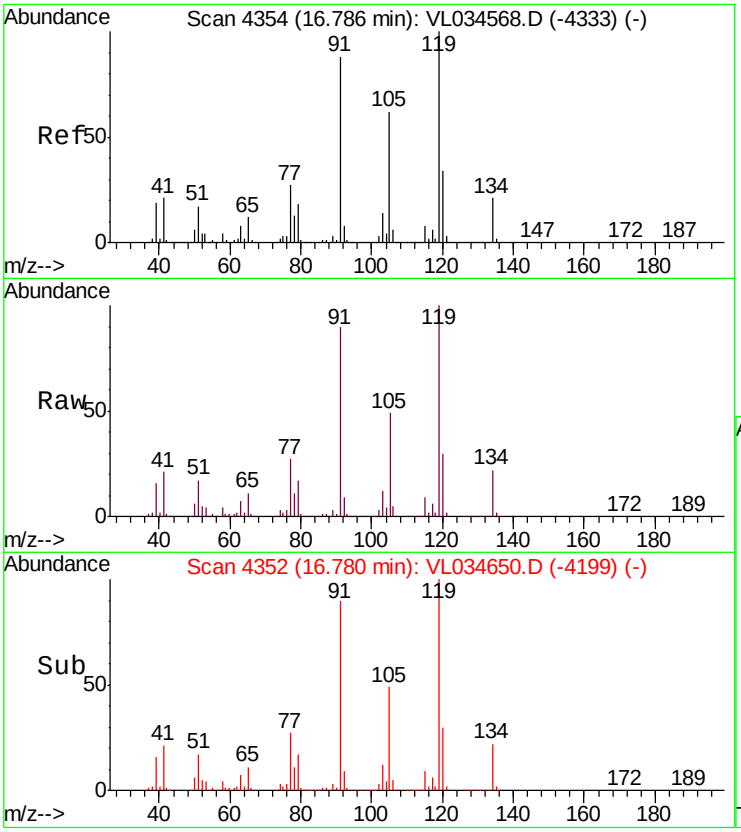


#64
n-propylbenzene
Concen: 10.420 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:120 Resp: 840665

Ion	Ratio	Lower	Upper
120	100		
91	477.0	365.3	547.9



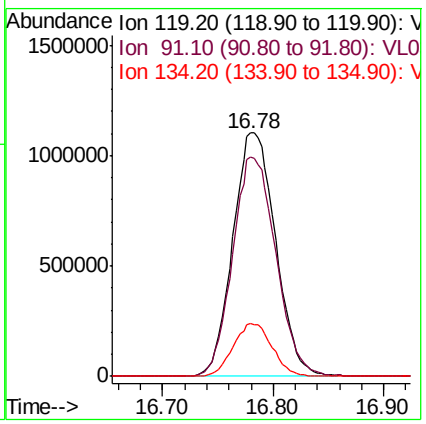


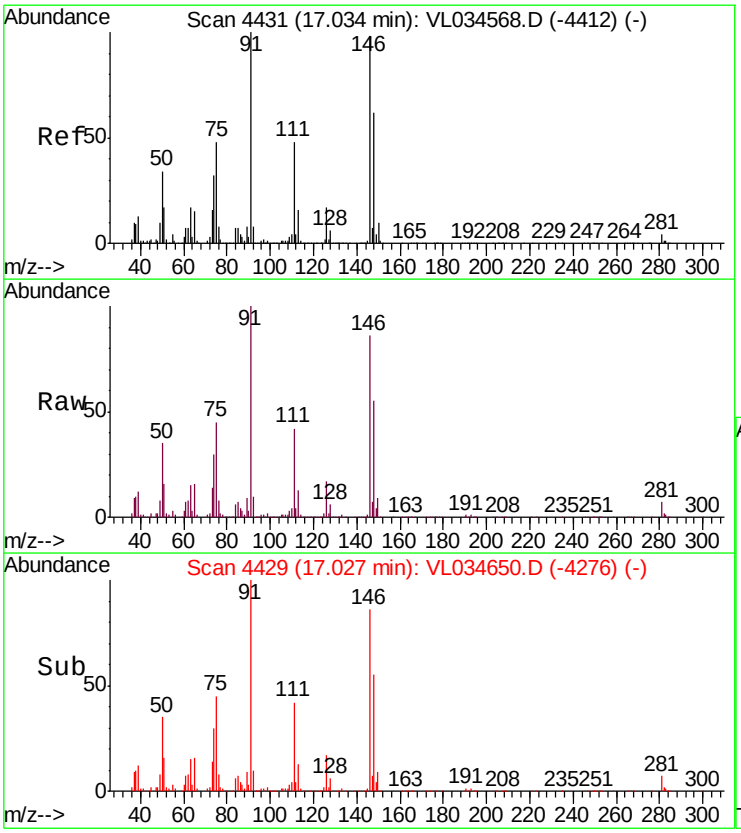
#65
tert-Butylbenzene
Concen: 10.418 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:119 Resp: 2959664

Ion	Ratio	Lower	Upper
119	100		
91	91.4	72.2	108.4
134	19.9	15.9	23.9

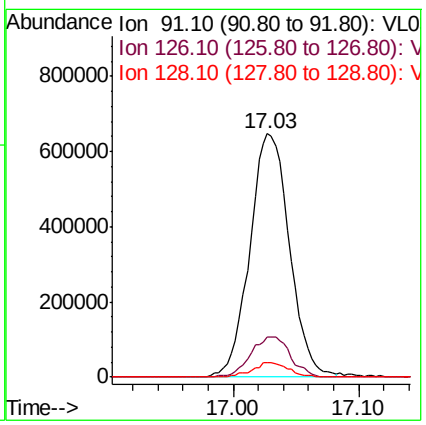


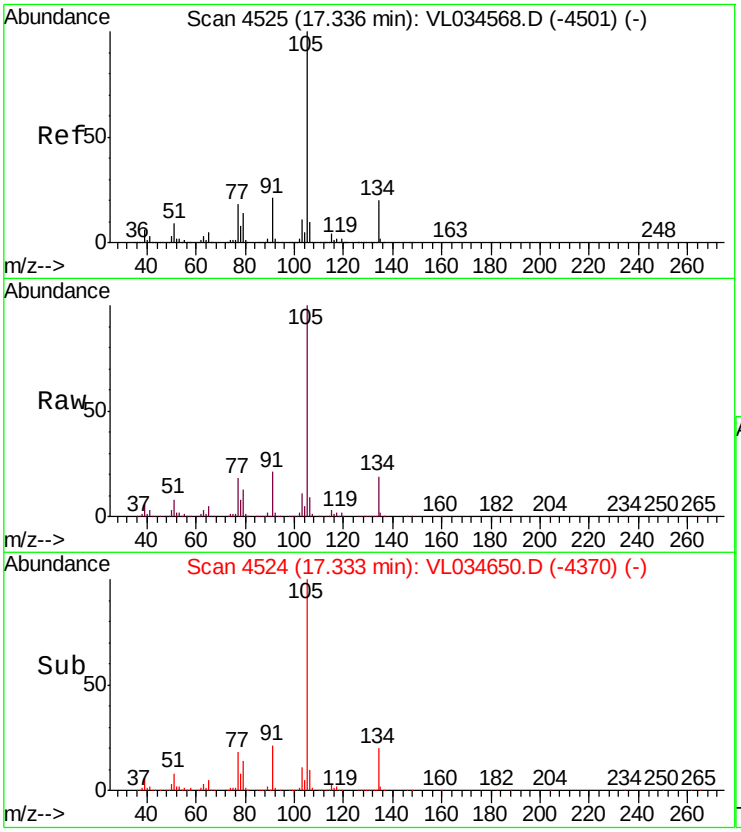


#66
Benzyl Chloride
Concen: 11.932 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 91 Resp: 1421425

Ion	Ratio	Lower	Upper
91	100		
126	16.7	13.4	20.0
128	5.5	4.3	6.5



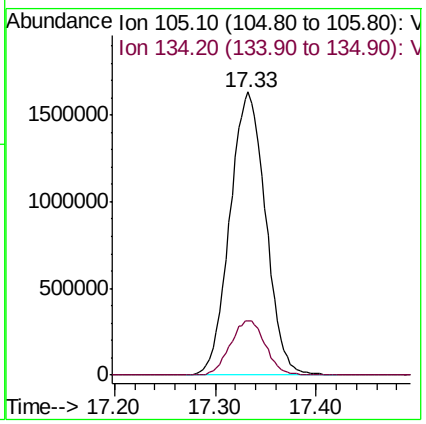


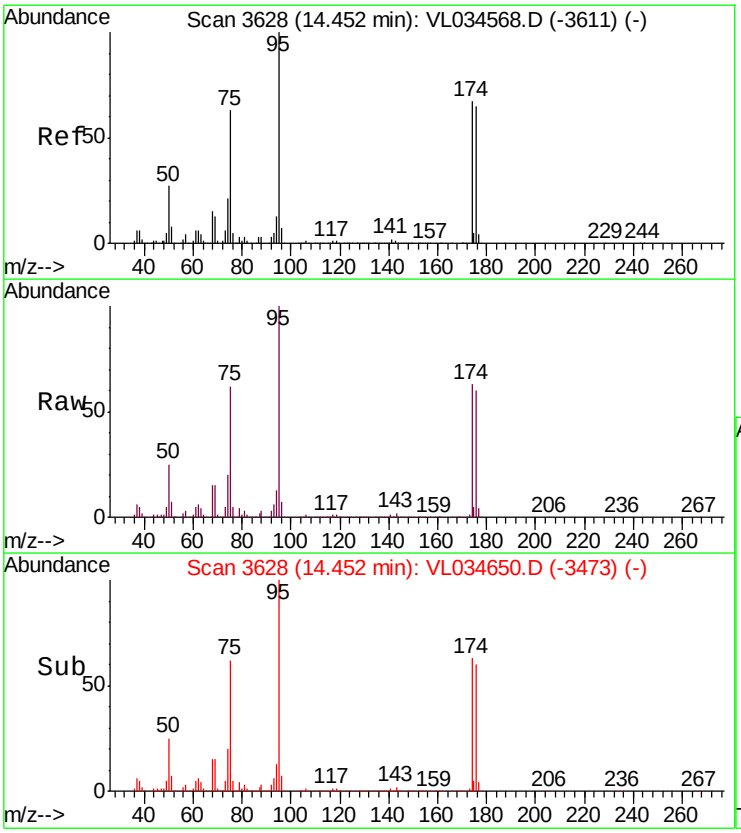
#67
sec-Butylbenzene
Concen: 10.250 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:105 Resp: 4002135

Ion	Ratio	Lower	Upper
105	100		
134	18.9	15.5	23.3

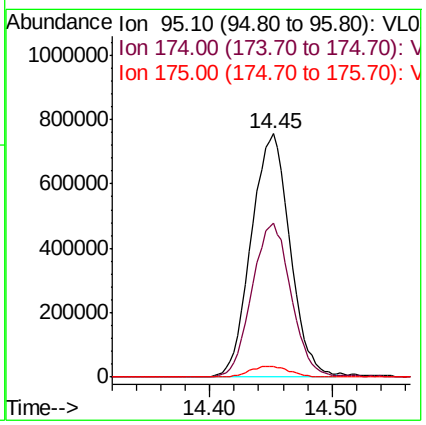


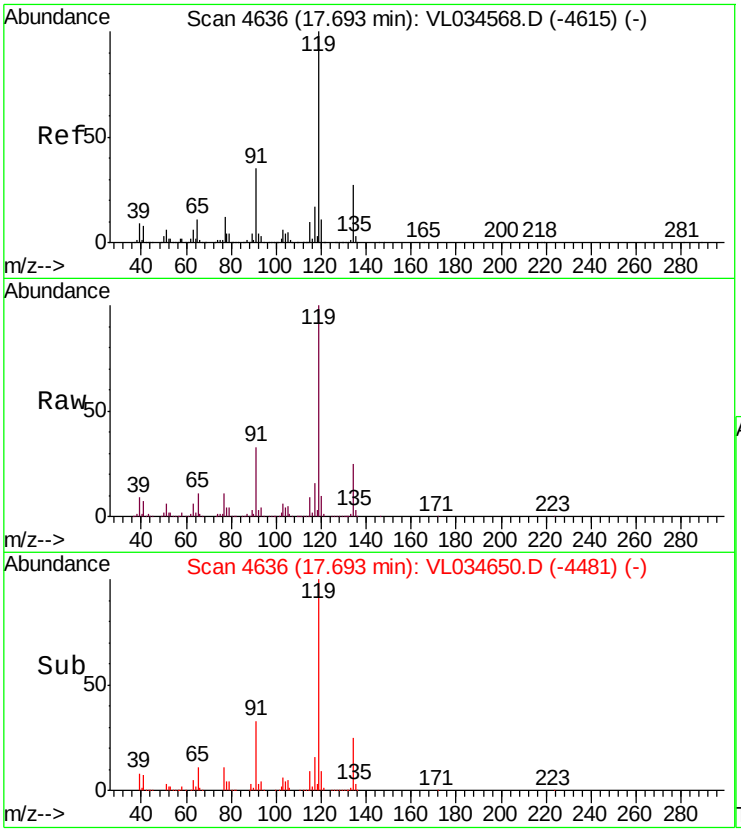


#68
1-Bromo-4-Fluorobenzene
Concen: 9.641 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 95 Resp: 1659700

Ion	Ratio	Lower	Upper
95	100		
174	64.5	52.3	78.5
175	4.6	3.8	5.6



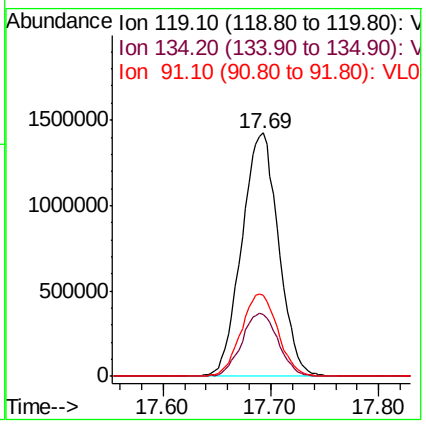


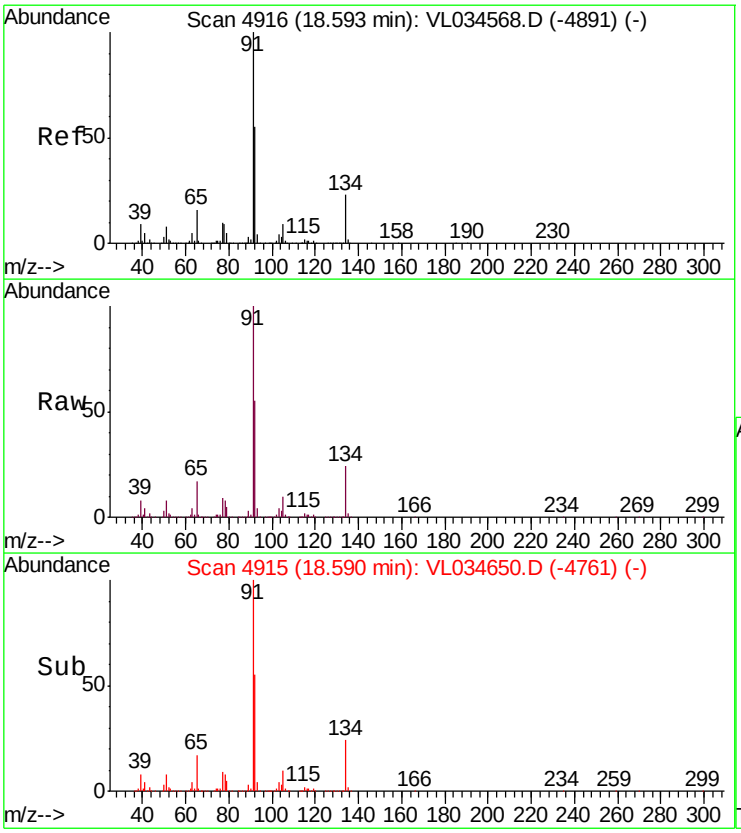
#69
p-Isopropyltoluene
Concen: 10.630 ppbv
RT: 17.69 min Scan# 4636
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:119 Resp: 3369888

Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.7	31.1
91	33.7	26.9	40.3

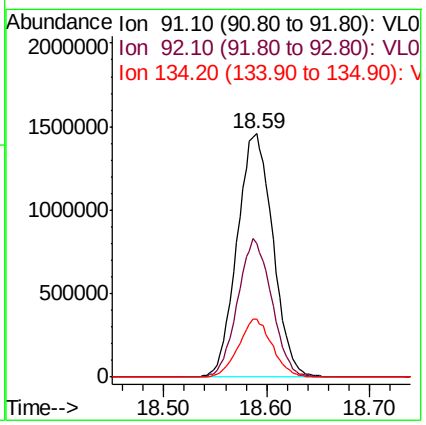


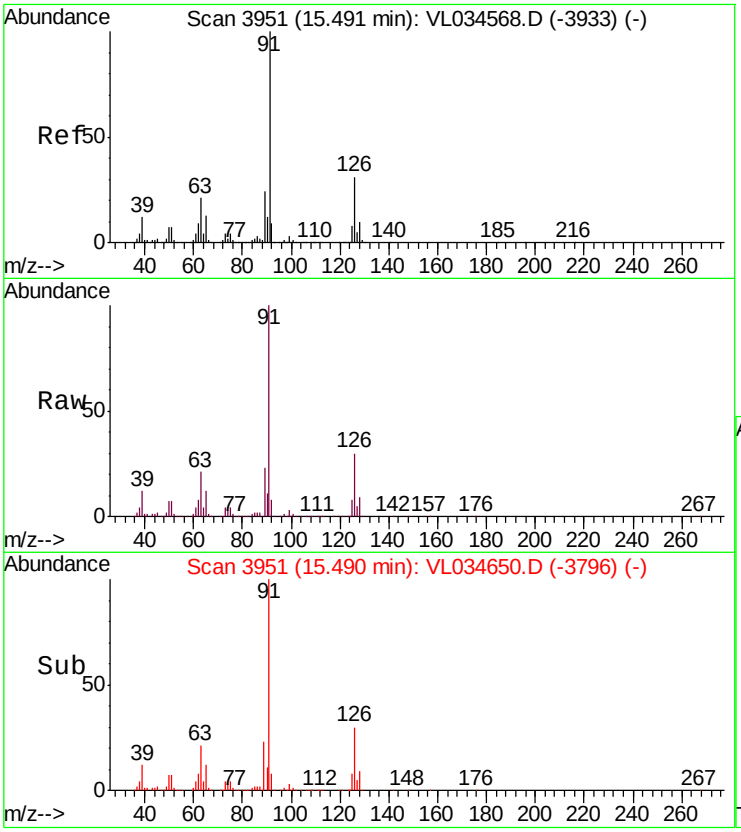


#70
n-Butylbenzene
Concen: 10.438 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion: 91 Resp: 3512586

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.6	65.4
134	22.3	18.2	27.4



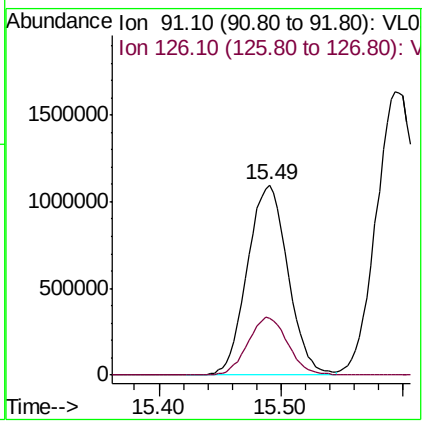


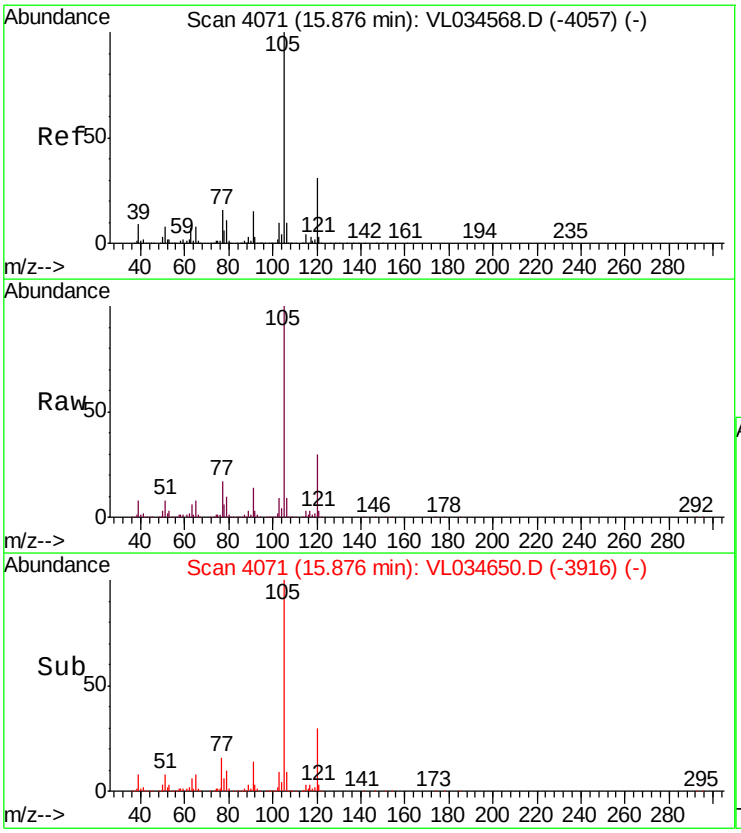
#71
2-Chlorotoluene
Concen: 10.610 ppbv
RT: 15.49 min Scan# 3951
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion: 91 Resp: 2525415

Ion	Ratio	Lower	Upper
91	100		
126	30.1	12.0	47.8

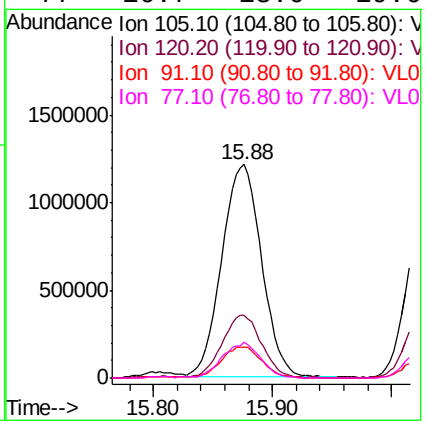


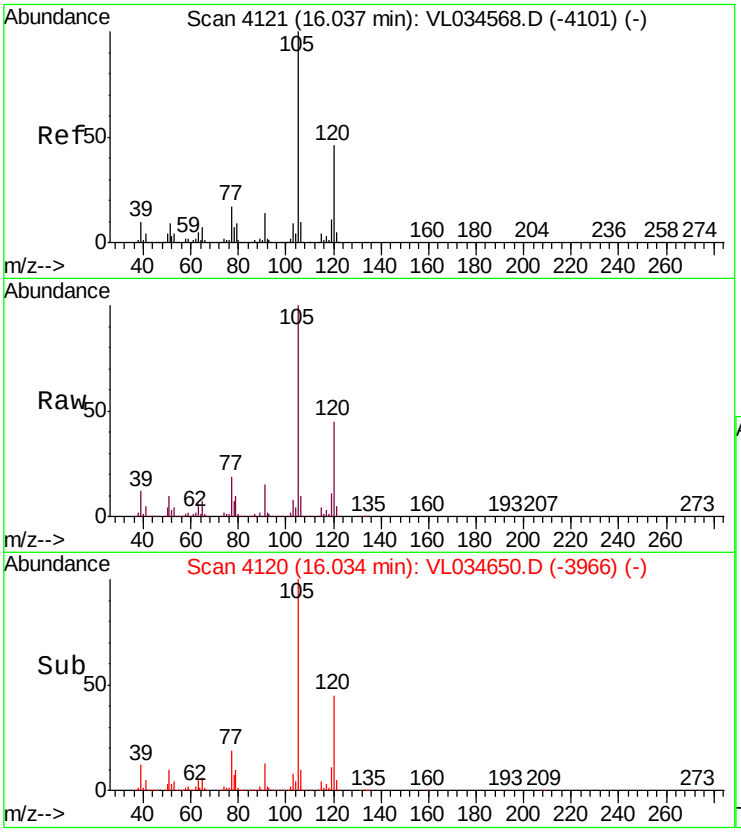


#72
4-Ethyltoluene
Concen: 10.564 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:105 Resp: 2808103

Ion	Ratio	Lower	Upper
105	100		
120	30.4	23.8	35.6
91	15.5	11.8	17.8
77	16.7	13.0	19.6



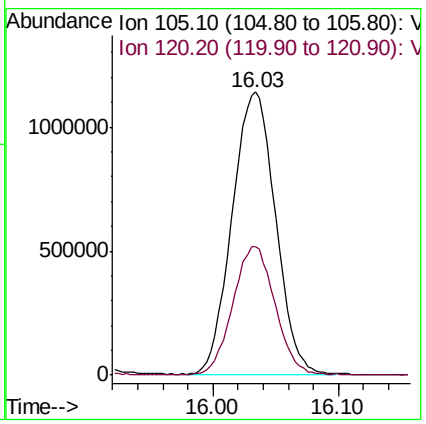


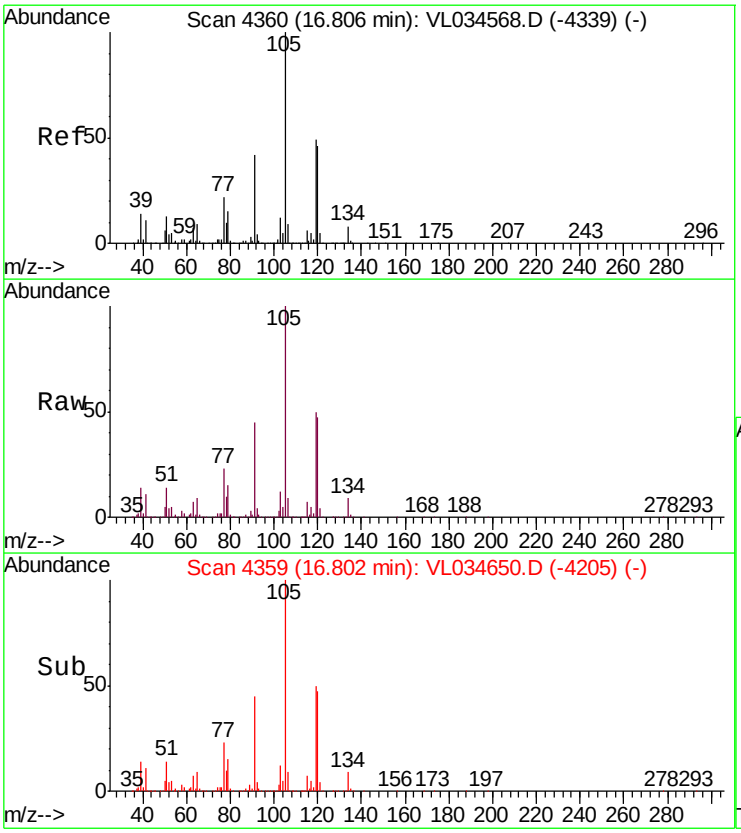
#73
1,3,5-Trimethylbenzene
Concen: 10.517 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion:105 Resp: 2731715

Ion	Ratio	Lower	Upper
105	100		
120	45.3	37.0	55.6

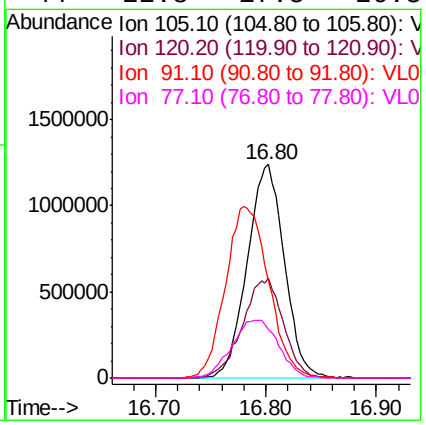


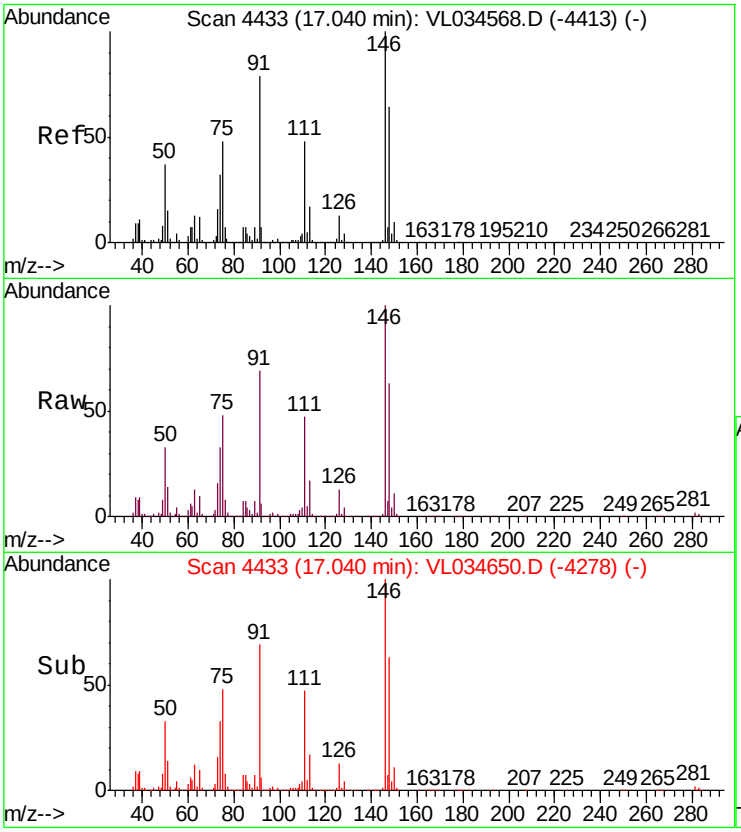


#74
1,2,4-Trimethylbenzene
Concen: 10.045 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:105 Resp: 2888250

Ion	Ratio	Lower	Upper
105	100		
120	46.6	37.1	55.7
91	45.0	34.3	51.5
77	22.8	17.5	26.3



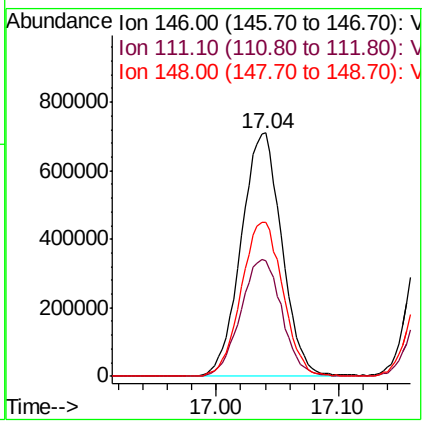


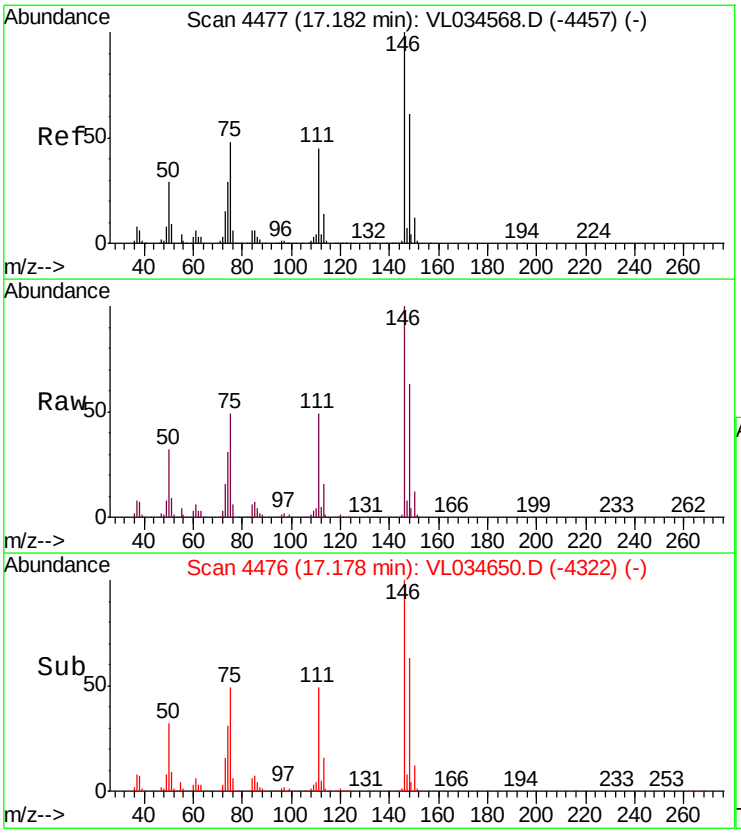
#75
1,3-Dichlorobenzene
Concen: 9.853 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:146 Resp: 1631253

Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.7	74.1
148	64.9	32.8	98.4

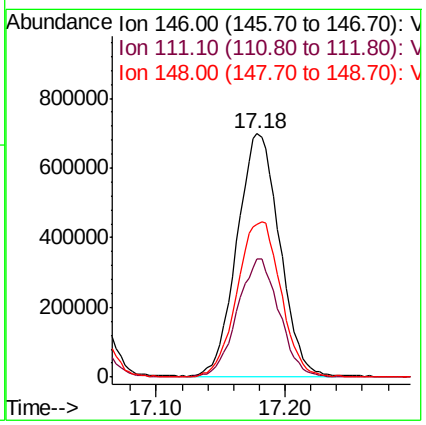


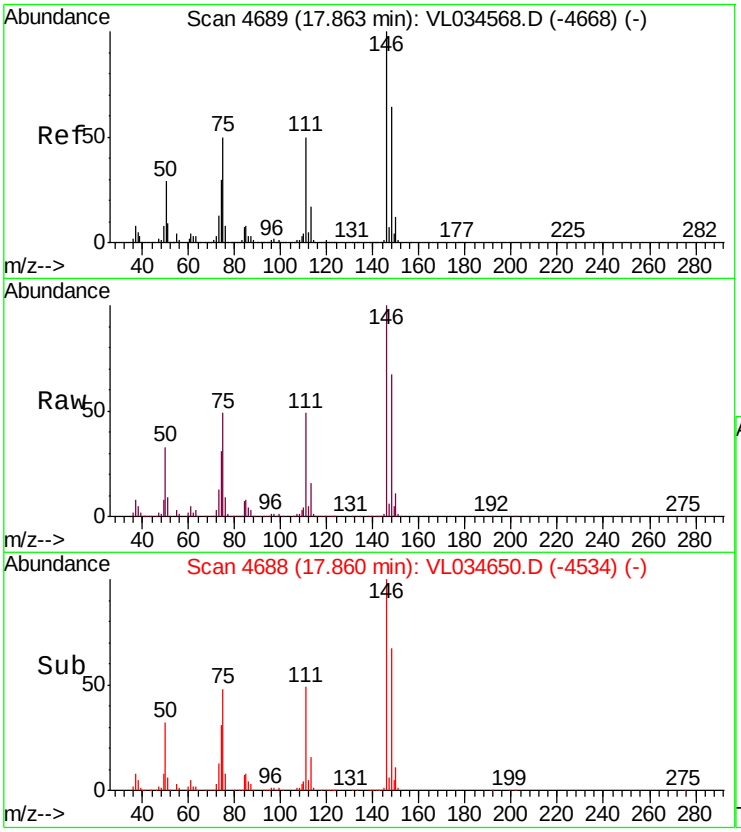


#76
1,4-Dichlorobenzene
Concen: 9.791 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:146 Resp: 1597707

Ion	Ratio	Lower	Upper
146	100		
111	48.0	24.1	72.2
148	65.8	32.6	98.0



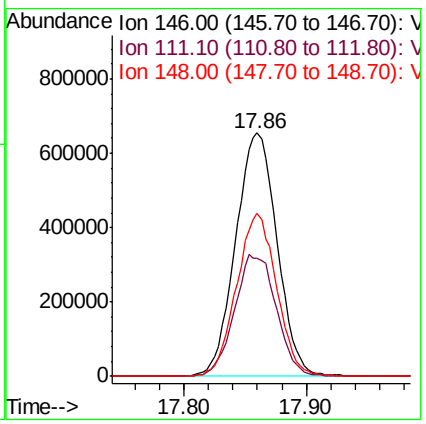


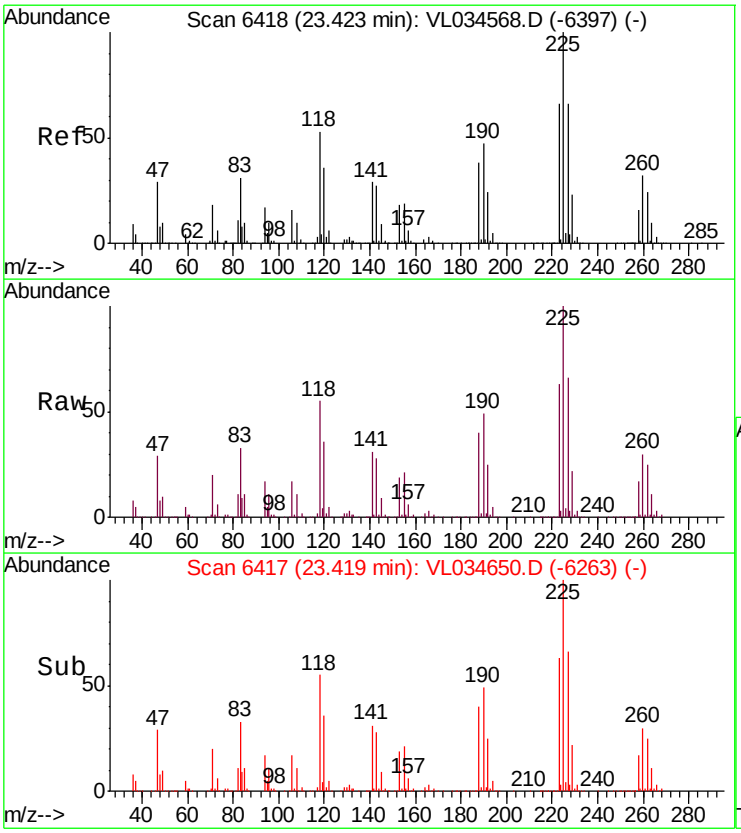
#77
1,2-Dichlorobenzene
Concen: 9.586 ppbv
RT: 17.86 min Scan# 4688
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument : MSVOA_L
ClientSampleId : VL0219ABS01

Tgt Ion:146 Resp: 1524688

Ion	Ratio	Lower	Upper
146	100		
111	50.8	25.1	75.3
148	65.2	32.2	96.6

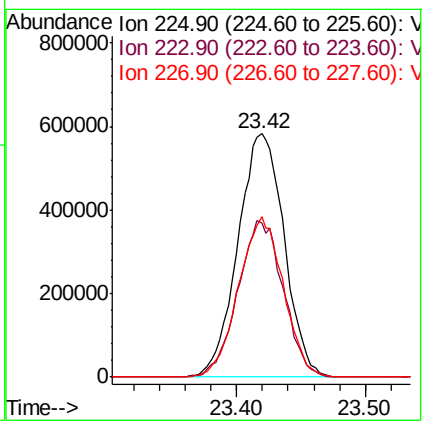


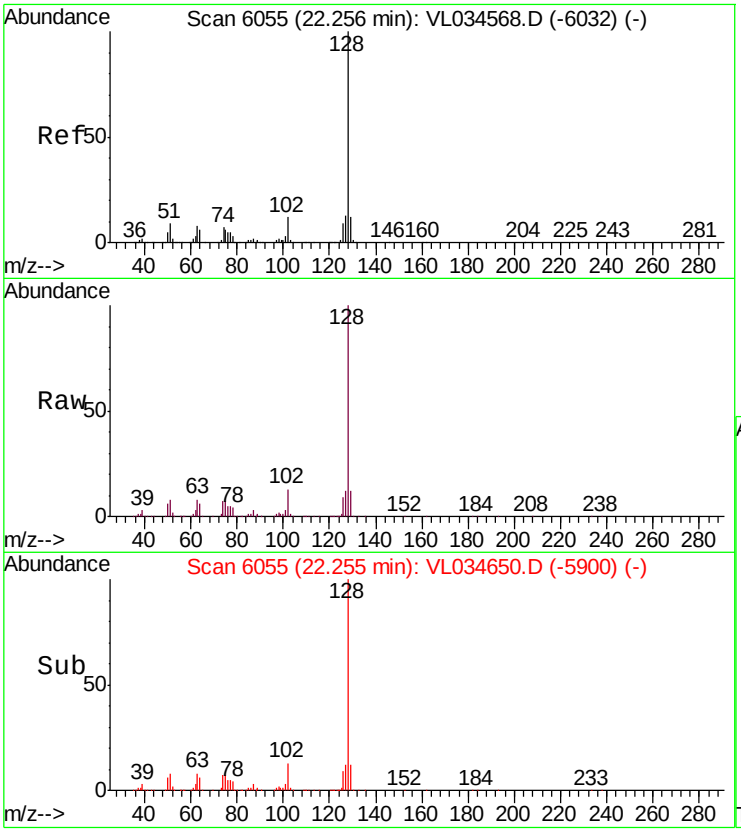


#78
Hexachloro-1,3-Butadiene
Concen: 9.520 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:225 Resp: 1447984

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	64.1	51.6	77.4



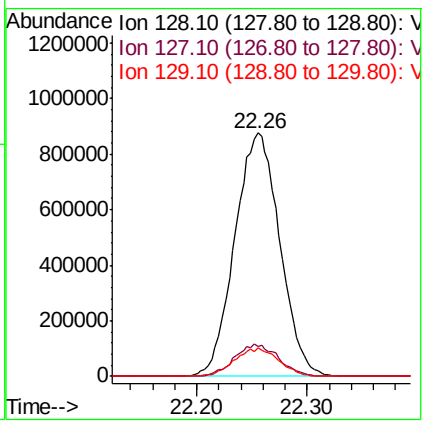


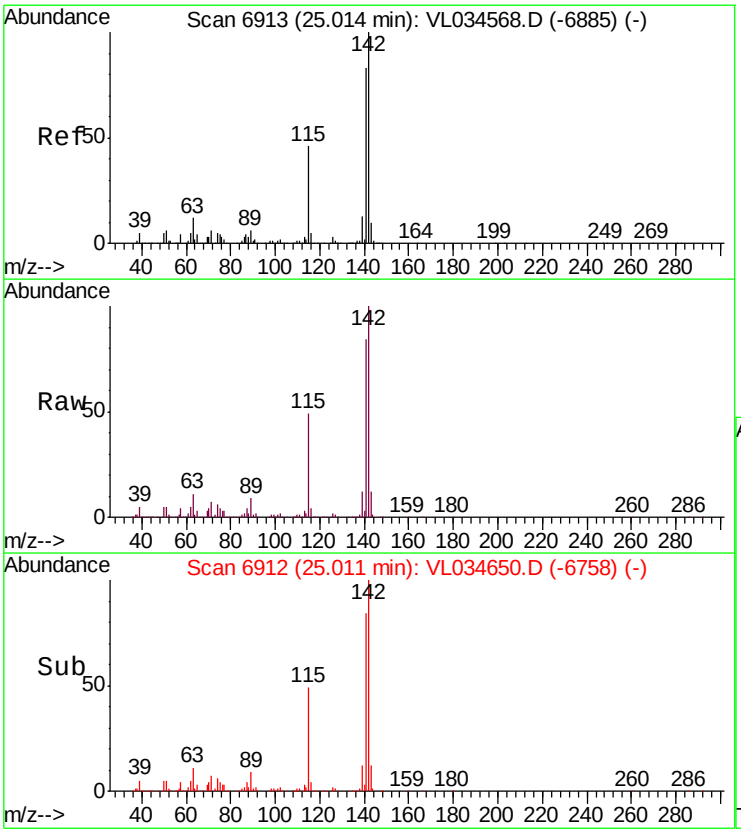
#79
Naphthalene
Concen: 10.851 ppbv
RT: 22.26 min Scan# 6055
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion:128 Resp: 2456371

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	11.7	9.3	13.9

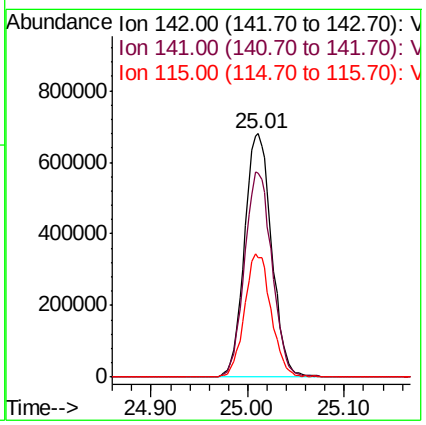


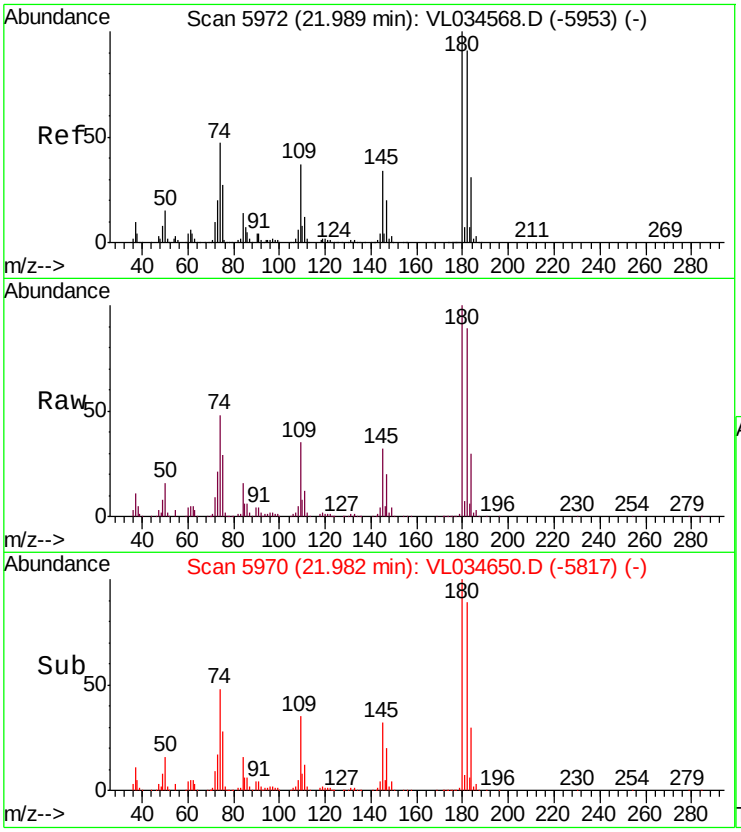


#80
Naphthalene,2-methyl-
Concen: 15.189 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. -0.00 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Tgt Ion:142 Resp: 1322808

Ion	Ratio	Lower	Upper
142	100		
141	85.8	67.0	100.4
115	49.6	39.5	59.3





#81
1,2,4-Trichlorobenzene
Concen: 10.837 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.01 min
Lab File: VL034650.D
Acq: 19 Feb 2020 13:31

Instrument :
MSVOA_L
ClientSampleId :
VL0219ABS01

Tgt Ion:180 Resp: 1512426

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.6
184	30.8	25.4	38.0