Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035168.D
Acq On : 8 Jul 2020 2:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jul 08 06:18:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 06:17:02 2020
QLast Update : Wed Jul 08 06:17:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1356810	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3236115	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3199898	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2505568	9.42	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	1604363	8.731	ppbv	100
3) Chlorodifluoromethane	2.94	51	1278115	8.601	ppbv	100
4) Chloromethane	3.10	50	720478	8.680	ppbv	100
5) Vinyl Chloride	3.21	62	736802	9.251	ppbv	100
6) Bromomethane	3.43	94	468031	9.402	ppbv	100
7) Chloroethane	3.52	64	283974	9.389	ppbv	100
8) Dichlorotetrafluoroethane	3.14	85	1743305	8.866	ppbv	100
9) Propene	2.96	41	522564	8.934	ppbv	100
10) Heptane	8.13	43	1460915	9.597	ppbv	100
11) Trichlorofluoromethane	3.92	101	1854820	9.367	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1309879	9.553	ppbv	100
13) Ethanol	3.57	45	110950	5.119	ppbv	99
14) Bromoethene	3.70	108	568651	9.685	ppbv	100
15) Acetone	3.81	43	1389071	8.421	ppbv	100
16) 1,3-Butadiene	3.29	39	664672	9.298	ppbv	100
17) tert-Butyl alcohol	4.26	59	1457999	9.936	ppbv	100
18) 1,1-Dichloroethene	4.26	96	607914	9.844	ppbv	100
19) Isopropyl Alcohol	3.93	45	941988	8.882	ppbv	100
20) Methylene Chloride	4.31	84	534480	7.962	ppbv	100
21) Allyl Chloride	4.38	41	967229	9.898	ppbv	100
22) trans-1,2-Dichloroethene	4.86	96	603284	10.355	ppbv	100
23) Vinyl Acetate	5.05	43	1895849	9.607	ppbv	100
24) 1,1-Dichloroethane	4.99	63	1513547	9.039	ppbv	100
25) Ethyl Acetate	5.66	43	2592157	8.804	ppbv	100
26) Hexane	5.67	57	1159379	8.717	ppbv	100
27) Carbon Disulfide	4.52	76	1635975	11.525	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1800985	9.621	ppbv	100
29) Chloroform	5.74	83	1849324	8.870	ppbv	100
30) Cyclohexane	7.13	84	981333	10.317	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	1154383	9.489	ppbv	100
32) 1,1,1-Trichloroethane	6.51	97	1840175	9.477	ppbv	100
34) 2-Butanone	5.22	43	1602094	8.750	ppbv	100
35) Carbon Tetrachloride	7.01	117	1908111	9.801	ppbv	100
36) Benzene	6.89	78	2278622	9.199	ppbv	100
37) 1,2-Dichloroethane	6.30	62	1434755	9.101	ppbv	100
38) Trichloroethene	7.84	130	928027	9.561	ppbv	100
39) 1,2-Dichloropropane	7.62	63	880712	9.114	ppbv	100
40) 1,4-Dioxane	7.83	88	363652	9.297	ppbv	100
41) Tetrahydrofuran	6.04	42	889262	9.538	ppbv	100
42) Bromodichloromethane	7.80	83	2008711	9.806	ppbv	100
43) Methyl Methacrylate	8.02	69	1049537	10.006	ppbv	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035168.D
Acq On : 8 Jul 2020 2:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jul 08 06:18:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 06:17:02 2020
QLast Update : Wed Jul 08 06:17:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3938271	9.098	ppbv		100
45) t-1,3-Dichloropropene	9.29	75	1185343	11.575	ppbv		100
46) cis-1,3-Dichloropropene	8.72	75	1383283	10.895	ppbv		100
47) 1,1,2-Trichloroethane	9.49	97	977916	9.207	ppbv		100
48) Dibromochloromethane	10.33	129	1683112	10.546	ppbv		100
49) Bromoform	13.07	173	1488640	10.943	ppbv		100
50) 4-Methyl-2-Pentanone	8.75	43	2511993	9.578	ppbv		100
51) 2-Hexanone	10.15	43	2018401	9.865	ppbv		100
52) Tetrachloroethene	11.25	164	826619	9.408	ppbv		100
53) Toluene	9.82	91	2689952	10.148	ppbv		100
54) 1,2-Dibromoethane	10.63	107	1493604	9.473	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.16	131	1279252	9.656	ppbv		98
57) Chlorobenzene	12.17	112	2082079	8.815	ppbv		100
58) Ethyl Benzene	12.73	91	3657436	10.118	ppbv		100
59) m/p-Xylene	13.02	91	2677403	8.357	ppbv	#	12
60) o-Xylene	13.72	91	3070009	9.600	ppbv		100
61) Styrene	13.56	104	2178560	10.824	ppbv		100
62) Isopropylbenzene	14.70	105	4482304	9.393	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.71	83	2182433	8.441	ppbv		100
64) n-propylbenzene	15.60	120	1198793	9.833	ppbv		100
65) tert-Butylbenzene	16.78	119	4013610	9.753	ppbv		100
66) Benzyl Chloride	17.03	91	1625662	12.518	ppbv		100
67) sec-Butylbenzene	17.33	105	5763382	9.751	ppbv		100
69) p-Isopropyltoluene	17.69	119	4731560	10.037	ppbv		100
70) n-Butylbenzene	18.59	91	4955124	9.743	ppbv		100
71) 2-Chlorotoluene	15.49	91	3503327	9.706	ppbv		100
72) 4-Ethyltoluene	15.88	105	3618706	10.134	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	3412099	10.073	ppbv		100
74) 1,2,4-Trimethylbenzene	16.80	105	3554819	9.383	ppbv		100
75) 1,3-Dichlorobenzene	17.04	146	2035410	9.026	ppbv		100
76) 1,4-Dichlorobenzene	17.18	146	2065759	9.541	ppbv		100
77) 1,2-Dichlorobenzene	17.86	146	1965616	9.464	ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	1436292	7.858	ppbv		100
79) Naphthalene	22.26	128	2962090	9.180	ppbv		100
80) Naphthalene,2-methyl-	25.01	142	1107359	9.441	ppbv		100
81) 1,2,4-Trichlorobenzene	21.98	180	1641890	8.750	ppbv		100

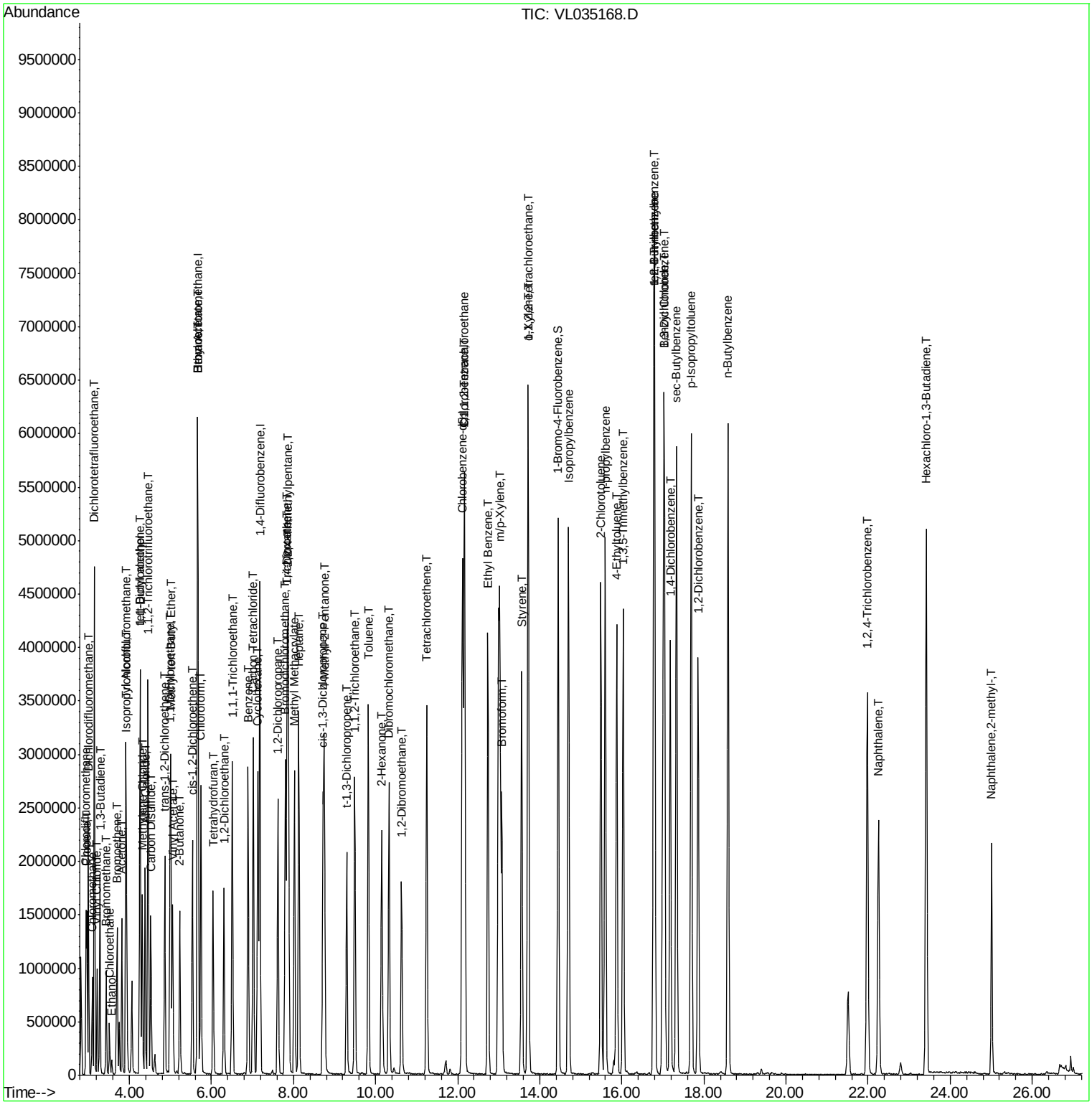
(#) = qualifier out of range (m) = manual integration (+) = signals summed

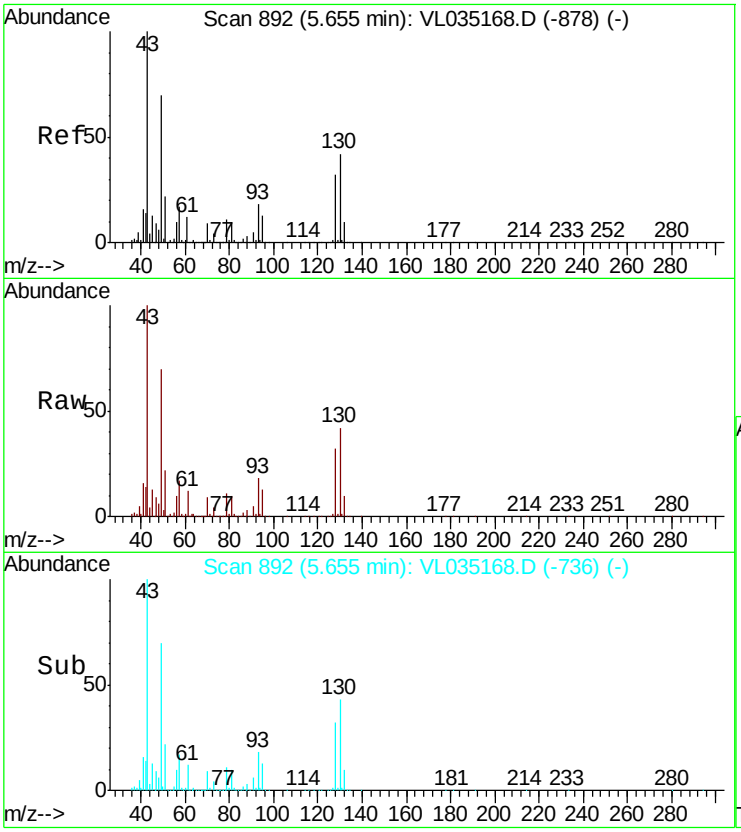
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035168.D
Acq On : 8 Jul 2020 2:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jul 08 06:18:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 06:17:02 2020
QLast Update : Wed Jul 08 06:17:02 2020
Response via : Initial Calibration



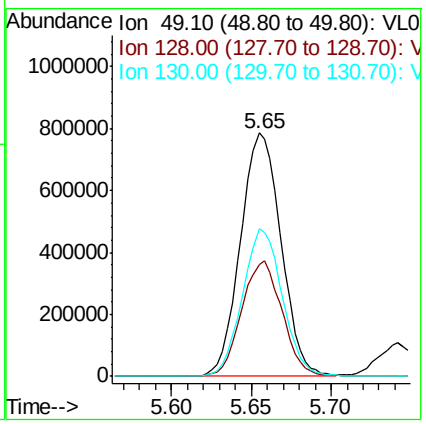


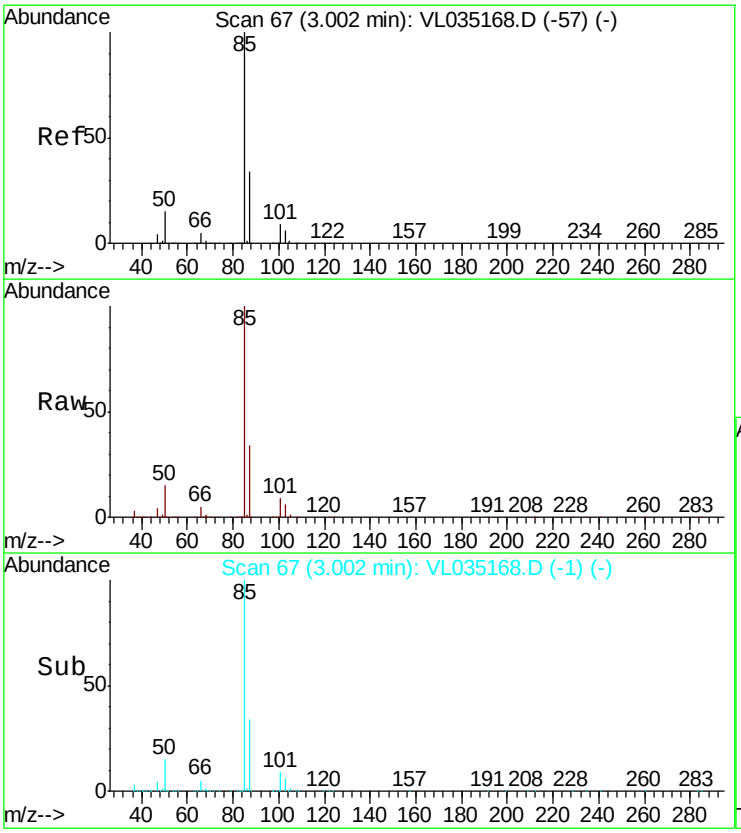
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1356810

Ion	Ratio	Lower	Upper
49	100		
128	47.4	23.8	71.4
130	59.9	29.9	89.8

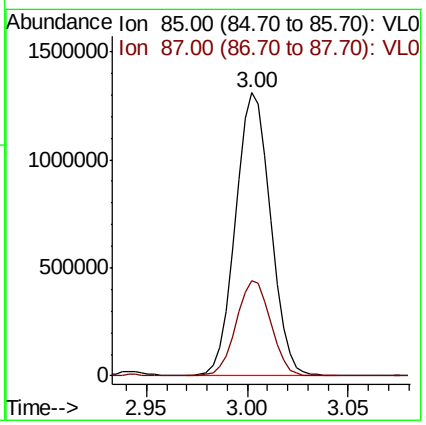


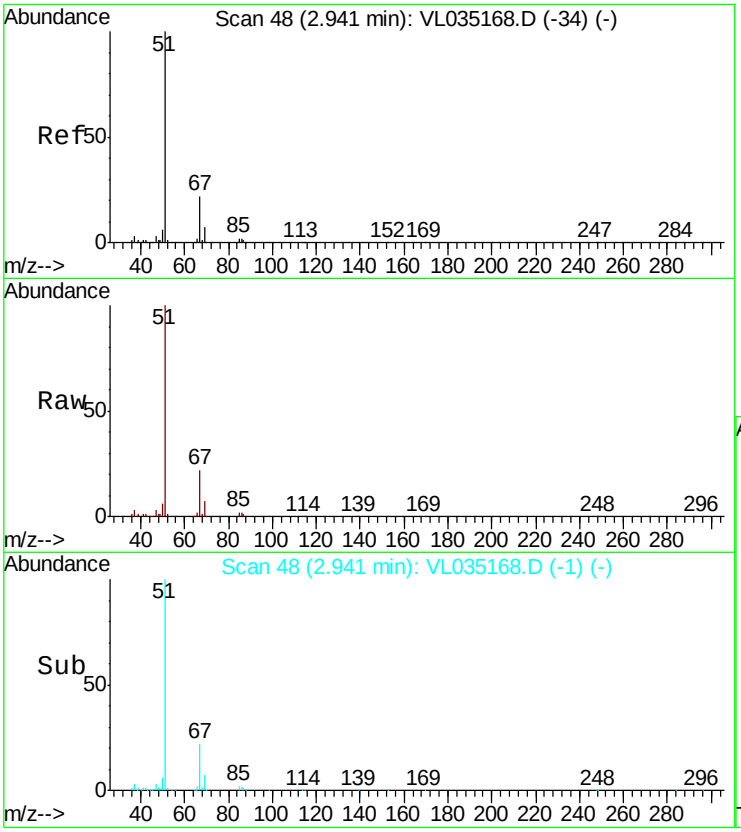


#2
Dichlorodifluoromethane
Concen: 8.731 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 85 Resp: 1604363

Ion	Ratio	Lower	Upper
85	100		
87	33.8	27.0	40.6



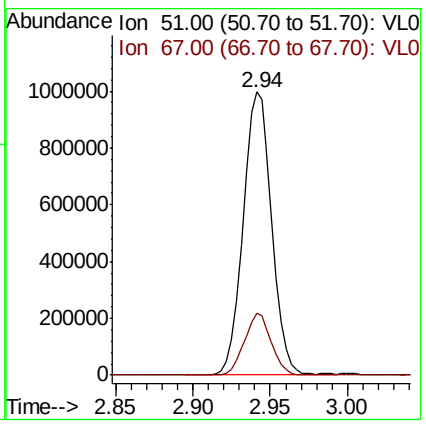


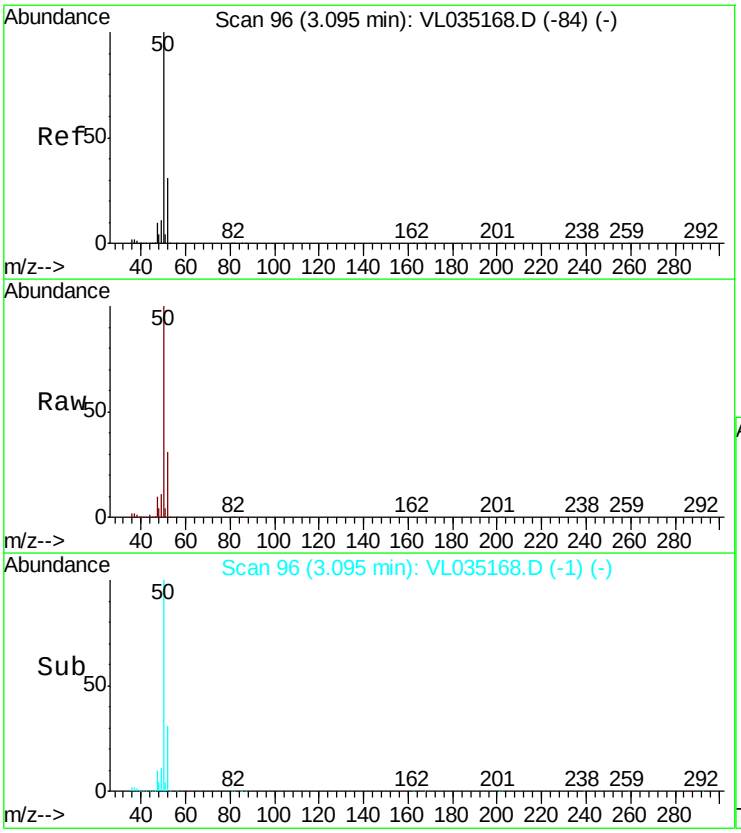
#3
Chlorodifluoromethane
Concen: 8.601 ppbv
RT: 2.94 min Scan# 48
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 51 Resp: 1278115

Ion	Ratio	Lower	Upper
51	100		
67	20.7	16.6	24.8

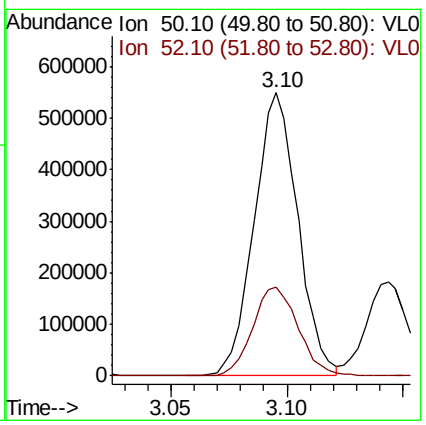


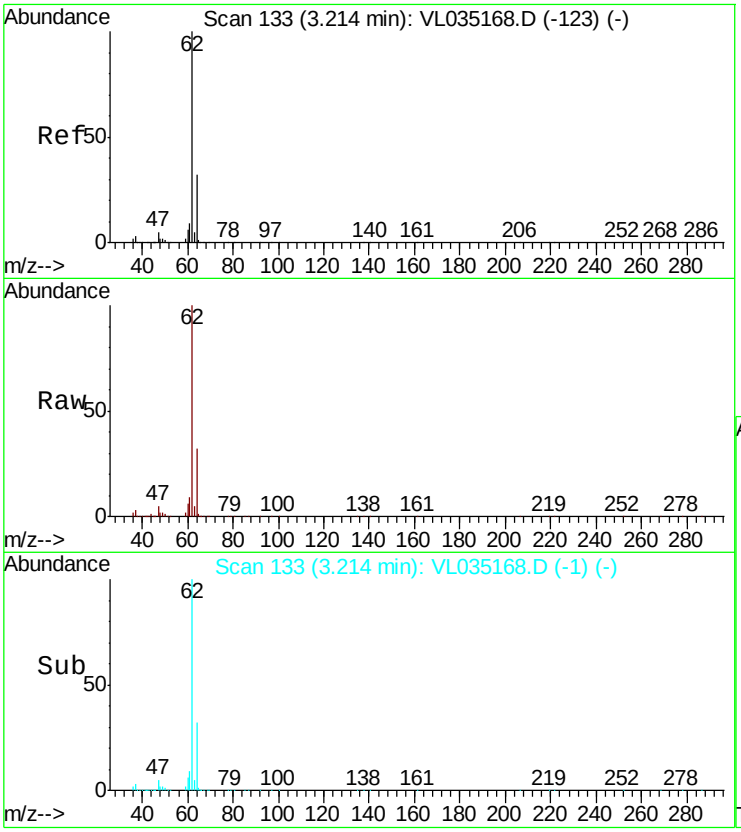


#4
Chloromethane
Concen: 8.680 ppbv
RT: 3.10 min Scan# 96
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 50 Resp: 720478

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.0	37.6



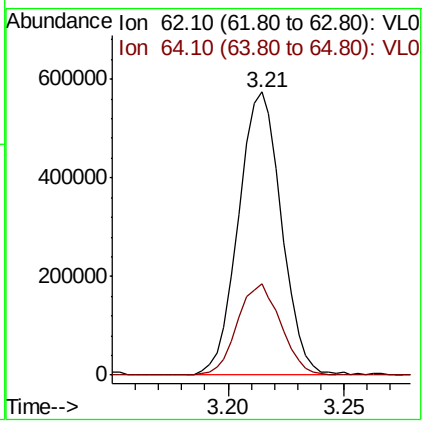


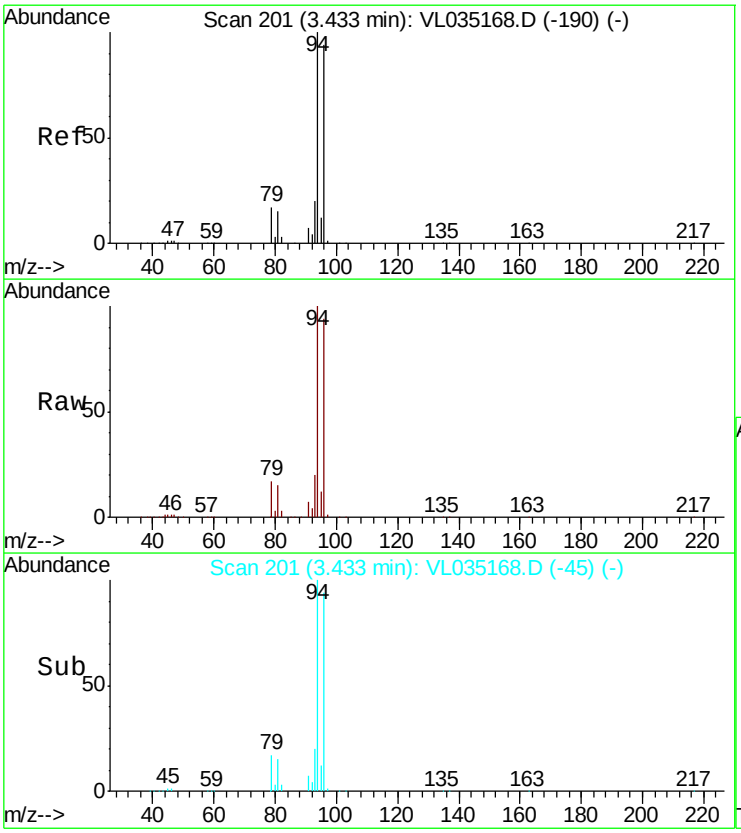
#5
Vinyl Chloride
Concen: 9.251 ppbv
RT: 3.21 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 736802

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.9	38.9

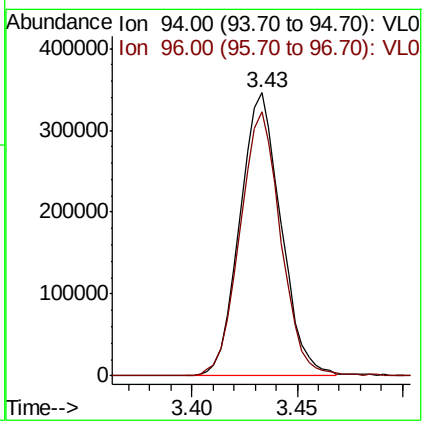


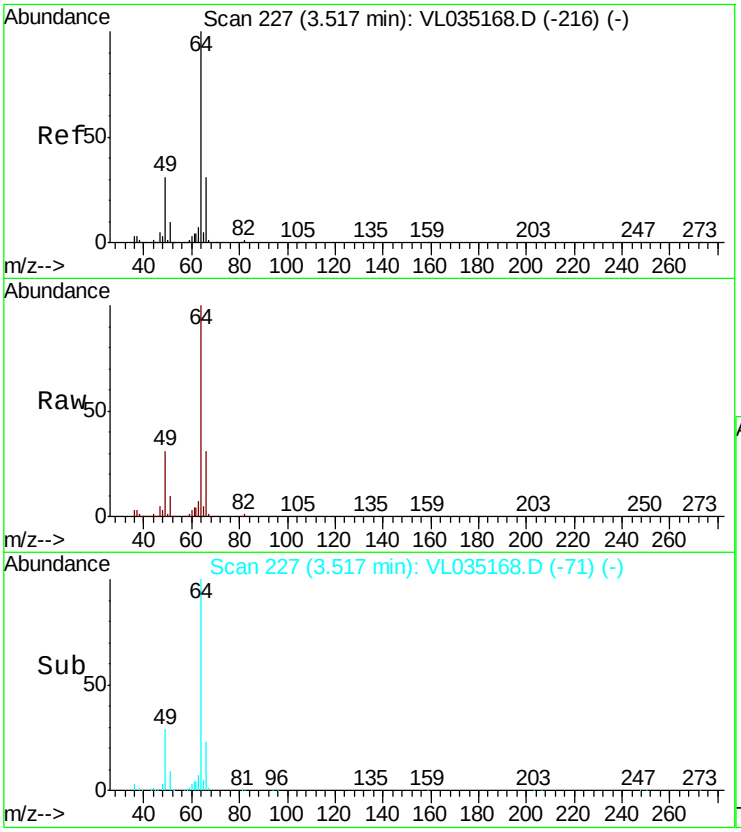


#6
Bromomethane
Concen: 9.402 ppbv
RT: 3.43 min Scan# 201
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 94 Resp: 468031

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.8	112.2



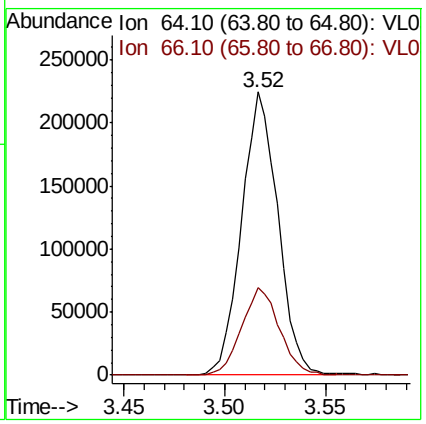


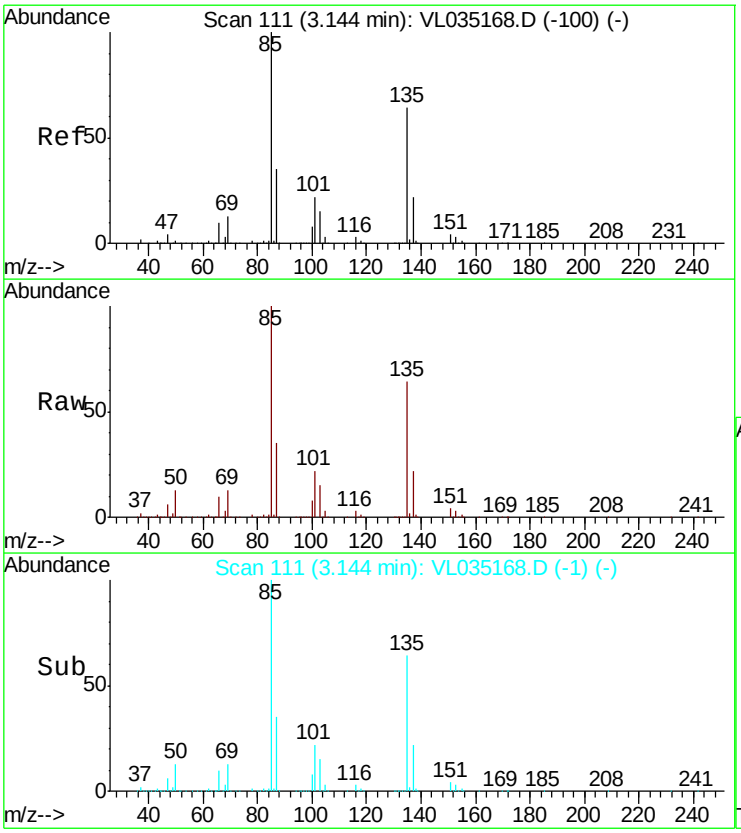
#7
Chloroethane
Concen: 9.389 ppbv
RT: 3.52 min Scan# 227
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 283974

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.6	36.8

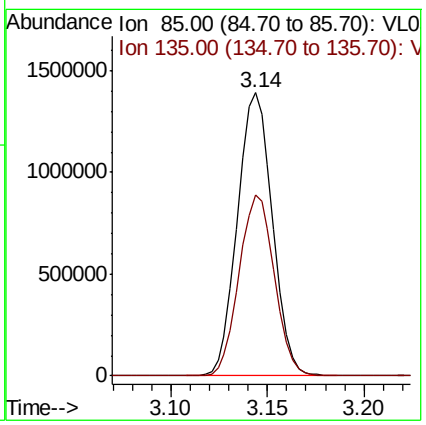


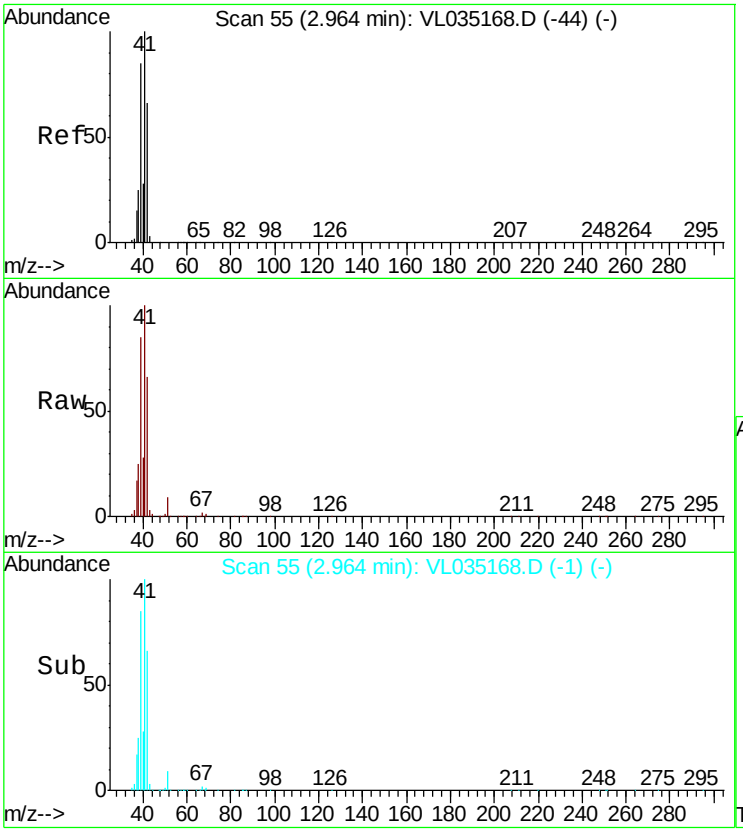


#8
Dichlorotetrafluoroethane
Concen: 8.866 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 85 Resp: 1743305

Ion	Ratio	Lower	Upper
85	100		
135	65.1	52.1	78.1



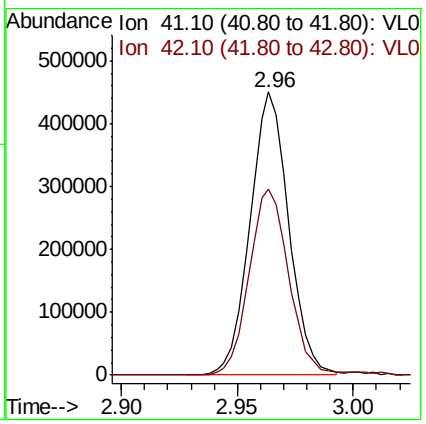


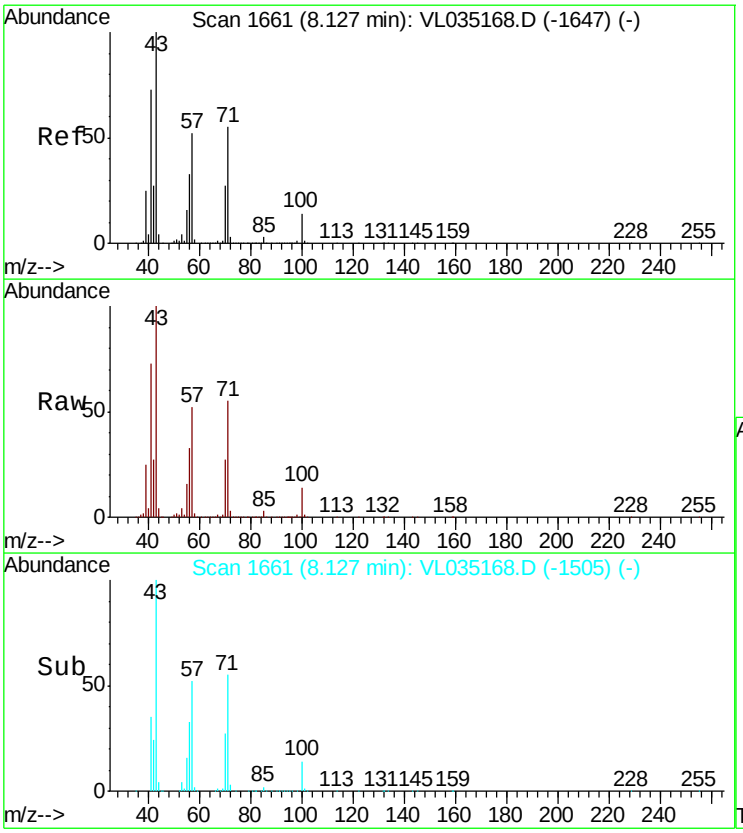
#9
Propene
Concen: 8.934 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 522564

Ion	Ratio	Lower	Upper
41	100		
42	68.2	54.6	81.8

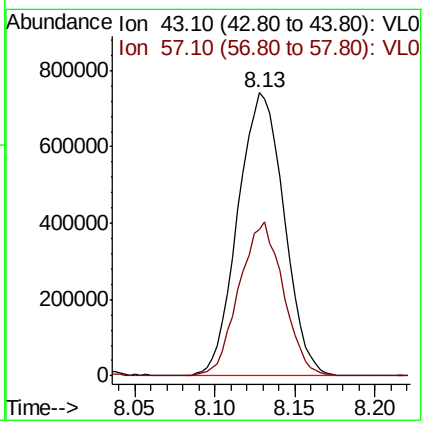


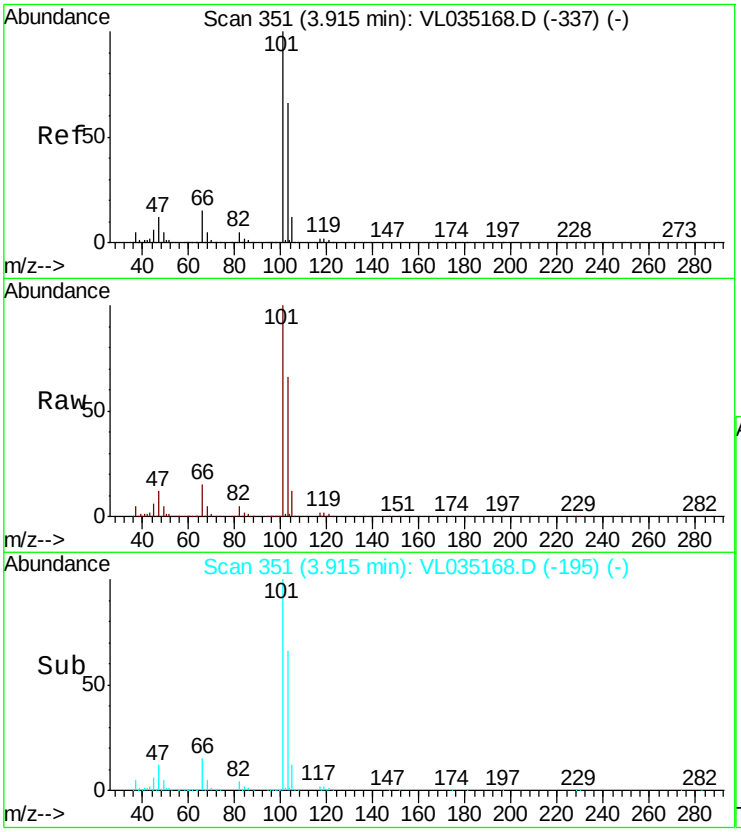


#10
Heptane
Concen: 9.597 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 43 Resp: 1460915

Ion	Ratio	Lower	Upper
43	100		
57	52.1	41.8	62.6



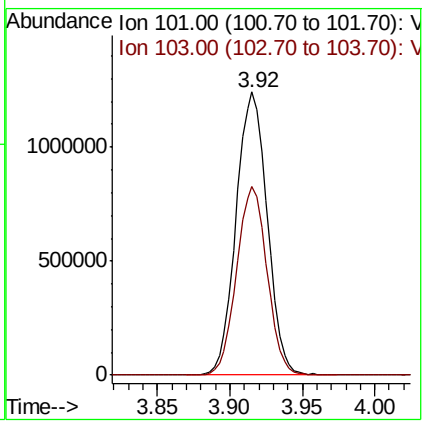


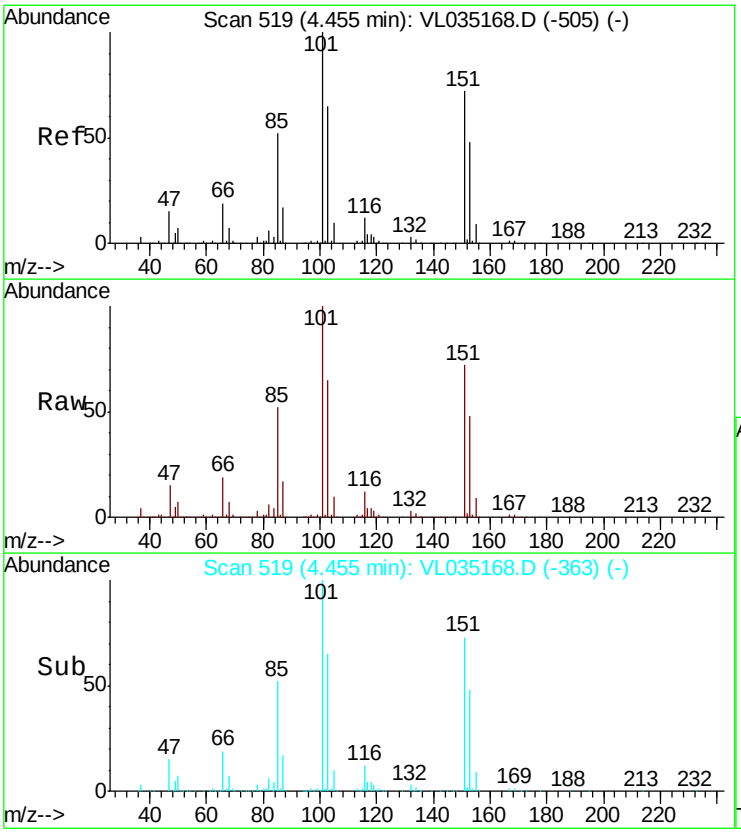
#11
Trichlorofluoromethane
Concen: 9.367 ppbv
RT: 3.92 min Scan# 351
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1854820

Ion	Ratio	Lower	Upper
101	100		
103	66.4	53.1	79.7

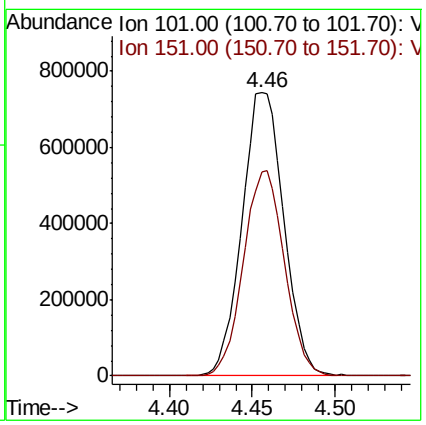


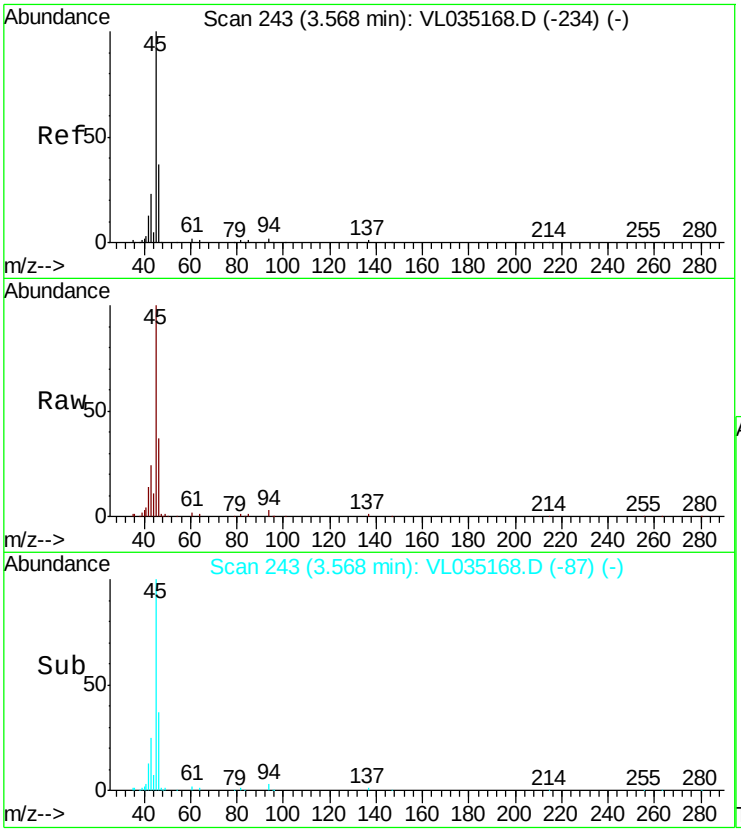


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.553 ppbv
RT: 4.46 min Scan# 519
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:101 Resp: 1309879

Ion	Ratio	Lower	Upper
101	100		
151	71.2	57.0	85.4



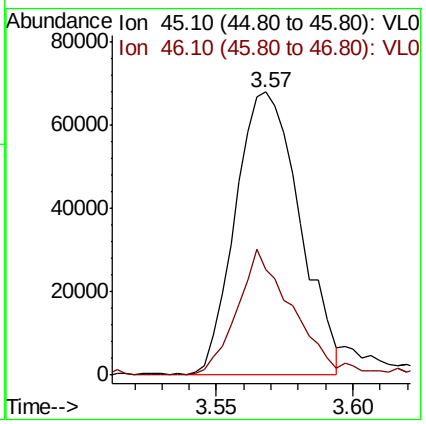


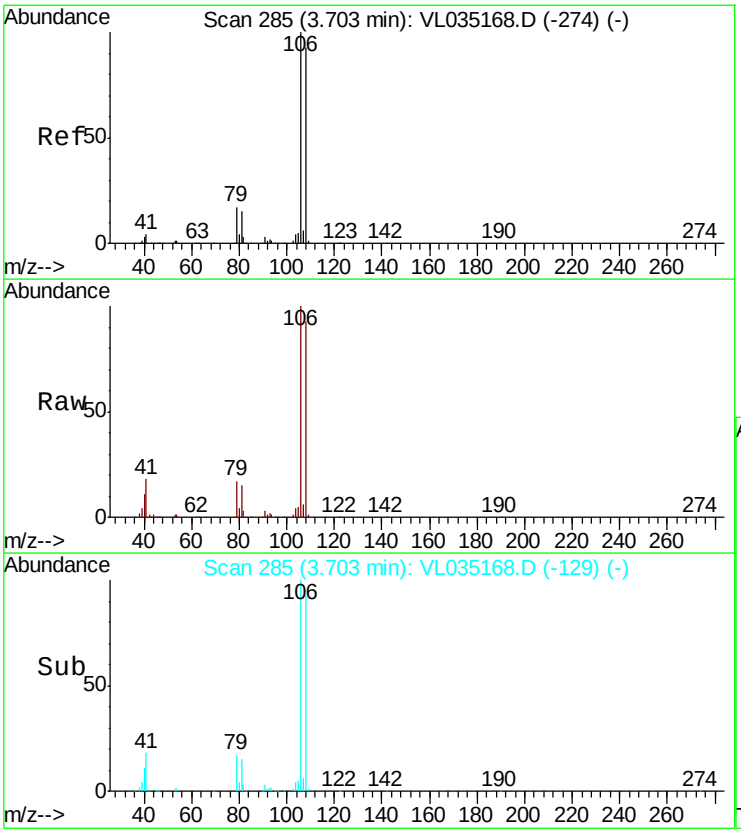
#13
Ethanol
Concen: 5.119 ppbv
RT: 3.57 min Scan# 243
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 110950

Ion	Ratio	Lower	Upper
45	100		
46	40.1	16.2	65.0

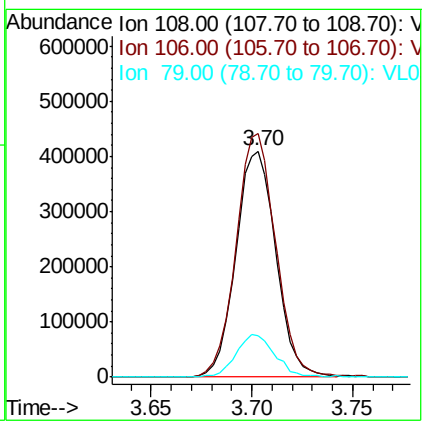


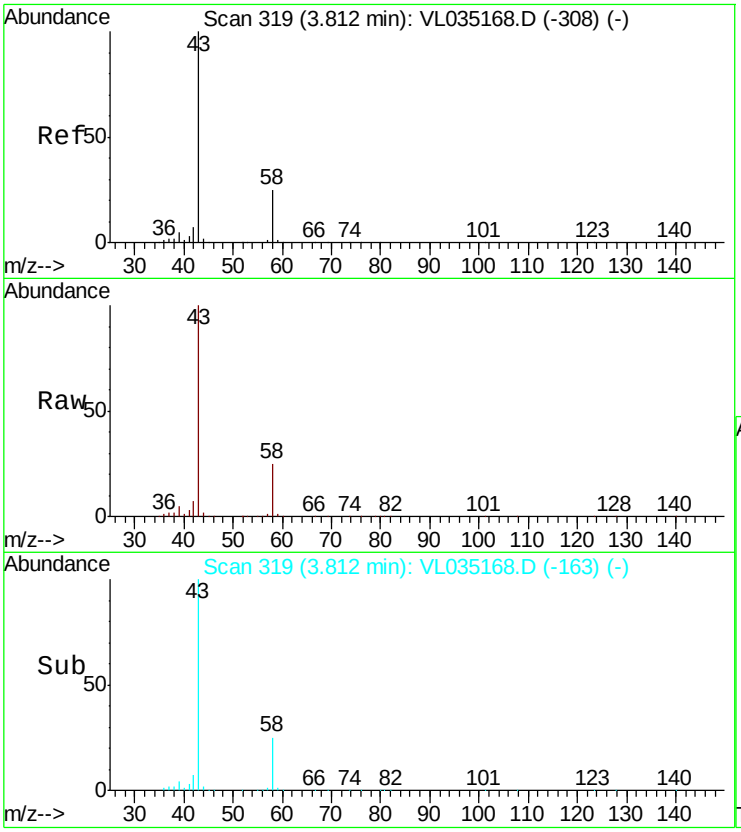


#14
Bromoethene
Concen: 9.685 ppbv
RT: 3.70 min Scan# 285
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:108 Resp: 568651

Ion	Ratio	Lower	Upper
108	100		
106	107.7	86.2	129.2
79	18.8	15.0	22.6



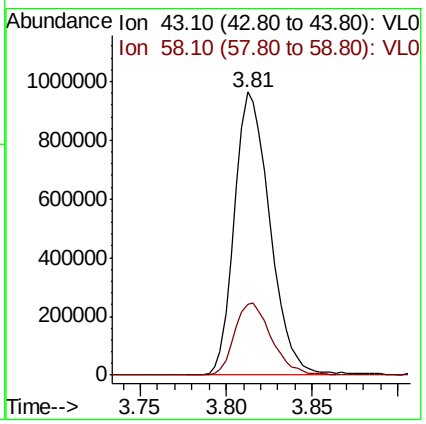


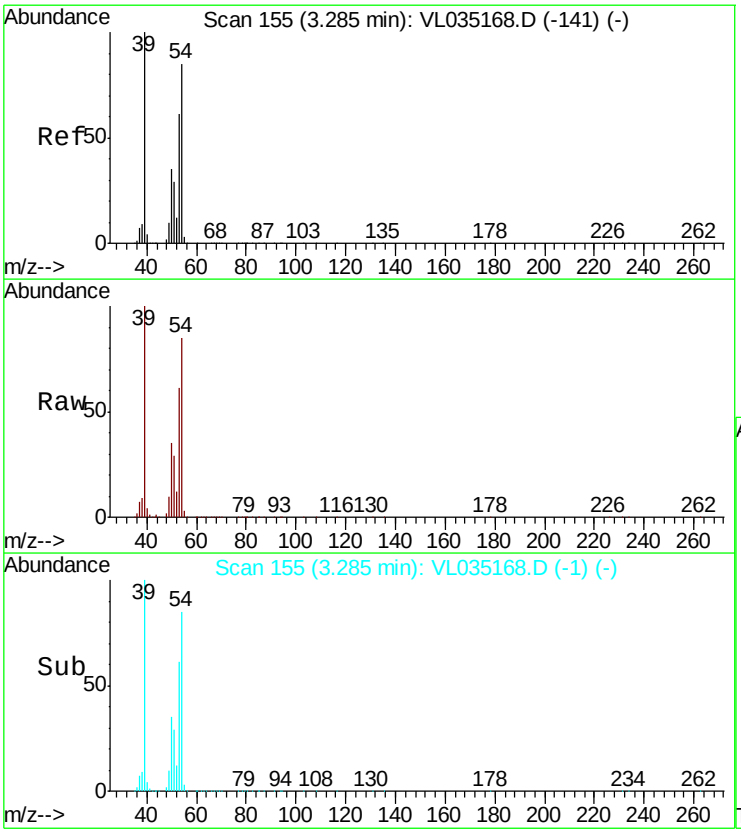
#15
Acetone
Concen: 8.421 ppbv
RT: 3.81 min Scan# 319
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1389071

Ion	Ratio	Lower	Upper
43	100		
58	26.6	21.3	31.9

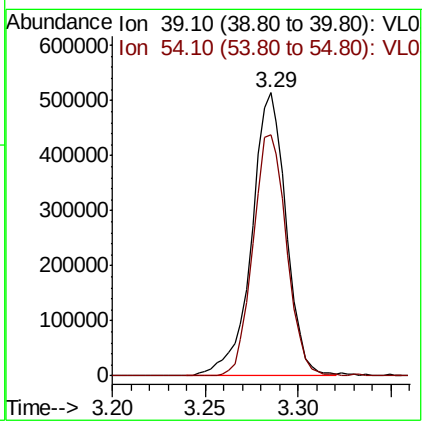


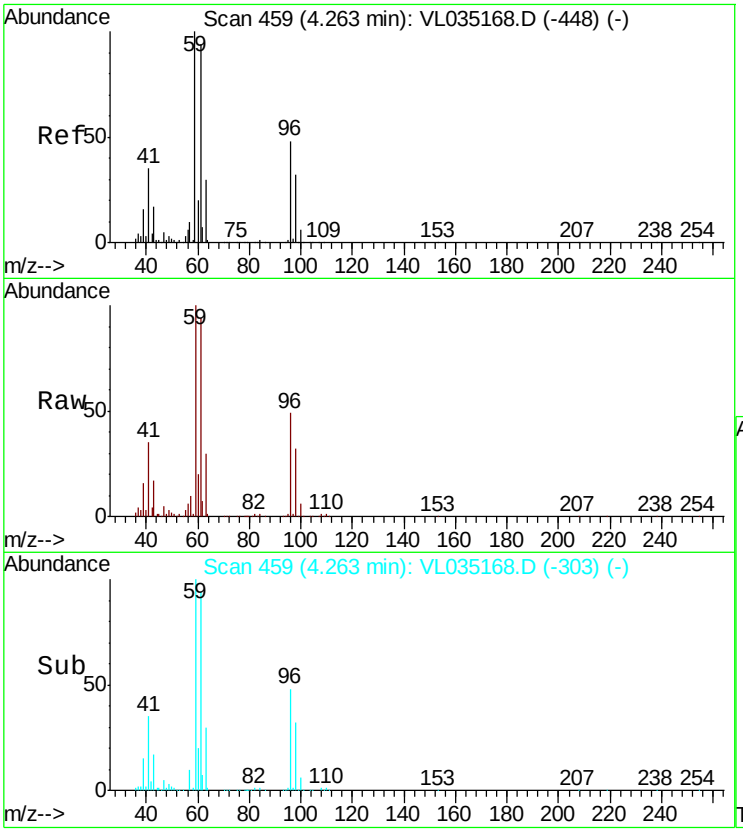


#16
1,3-Butadiene
Concen: 9.298 ppbv
RT: 3.29 min Scan# 155
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 39 Resp: 664672

Ion	Ratio	Lower	Upper
39	100		
54	84.0	67.2	100.8



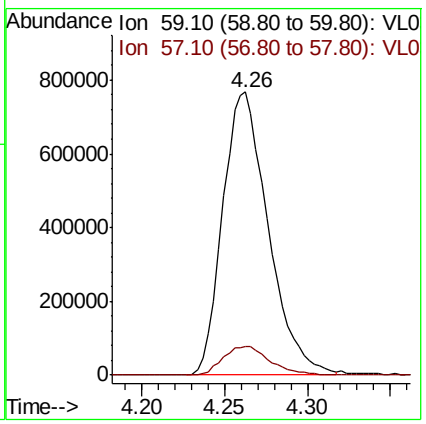


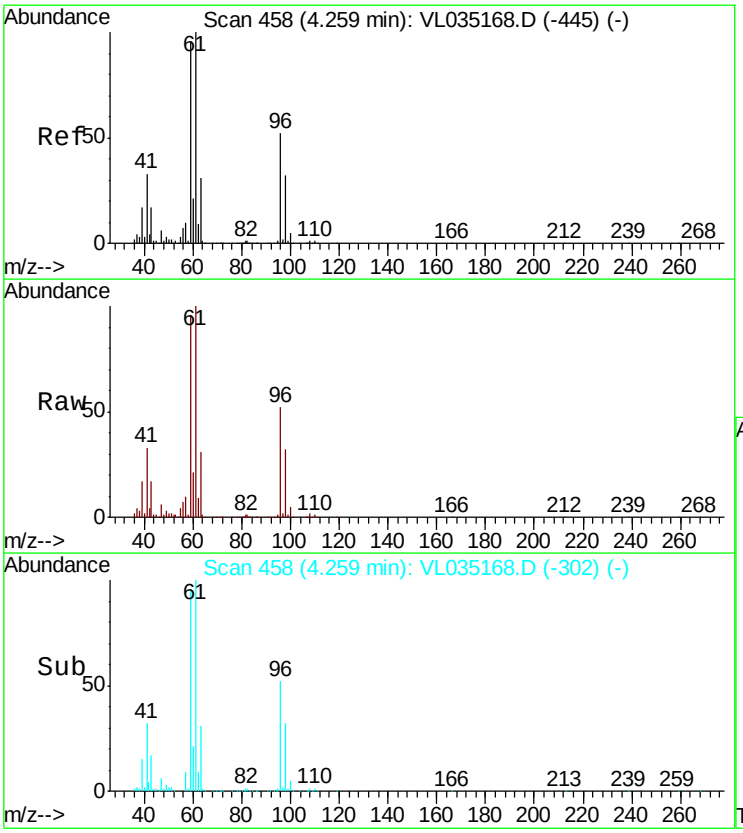
#17
tert-Butyl alcohol
Concen: 9.936 ppbv
RT: 4.26 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1457999

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

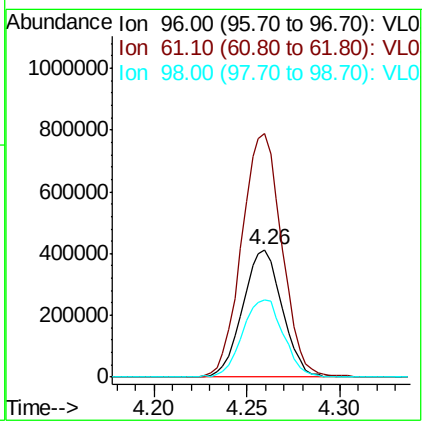


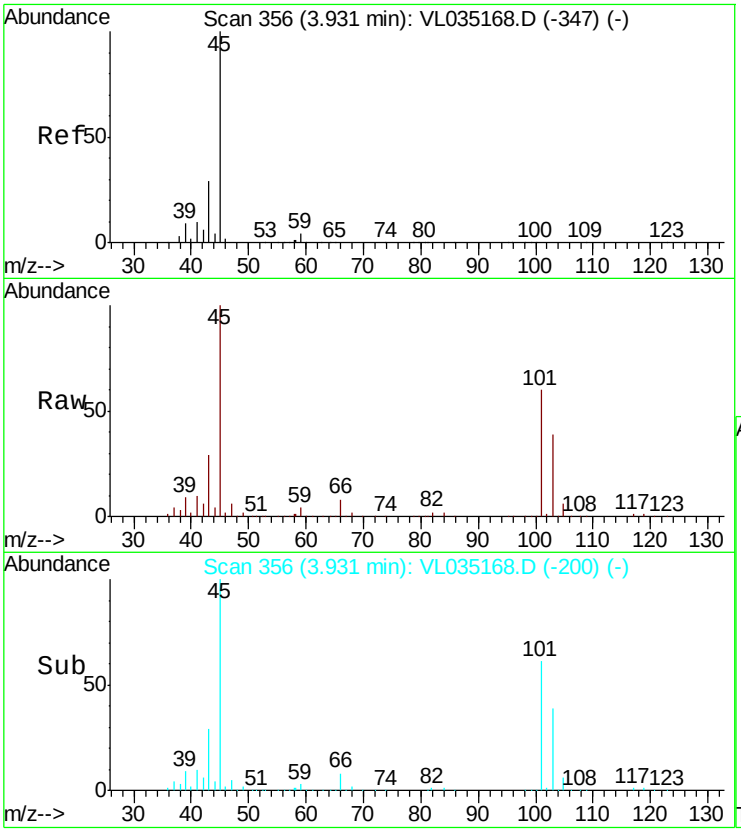


#18
1,1-Dichloroethene
Concen: 9.844 ppbv
RT: 4.26 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 96 Resp: 607914

Ion	Ratio	Lower	Upper
96	100		
61	191.1	152.9	229.3
98	60.9	48.7	73.1



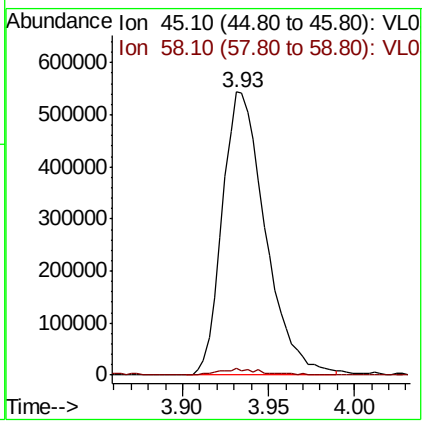


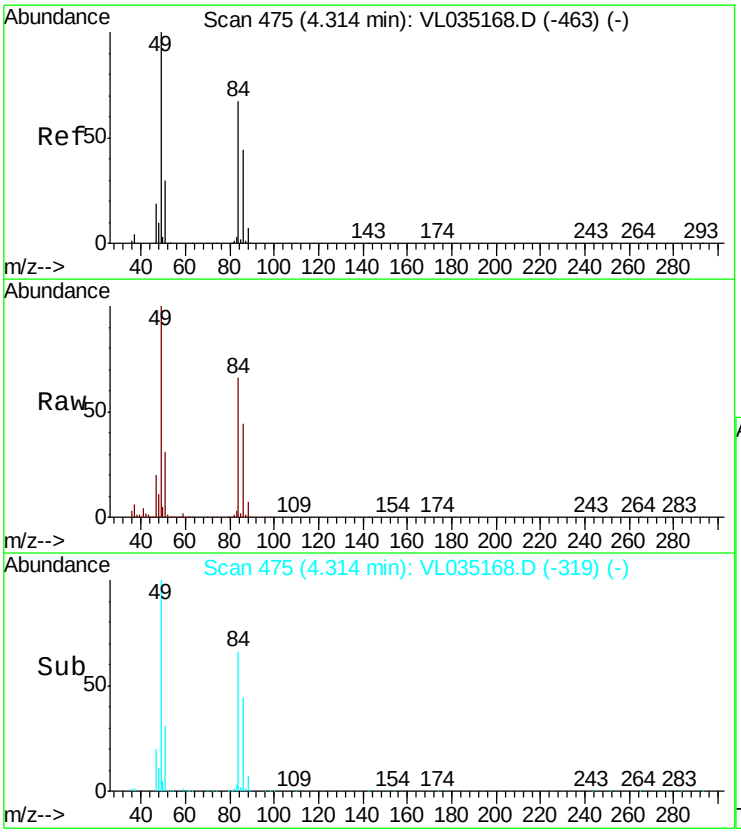
#19
Isopropyl Alcohol
Concen: 8.882 ppbv
RT: 3.93 min Scan# 356
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 941988

Ion	Ratio	Lower	Upper
45	100		
58	2.6	2.1	3.1

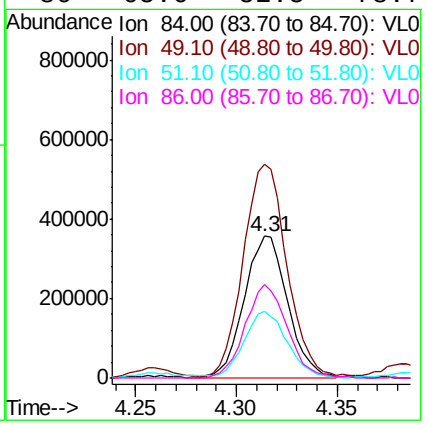


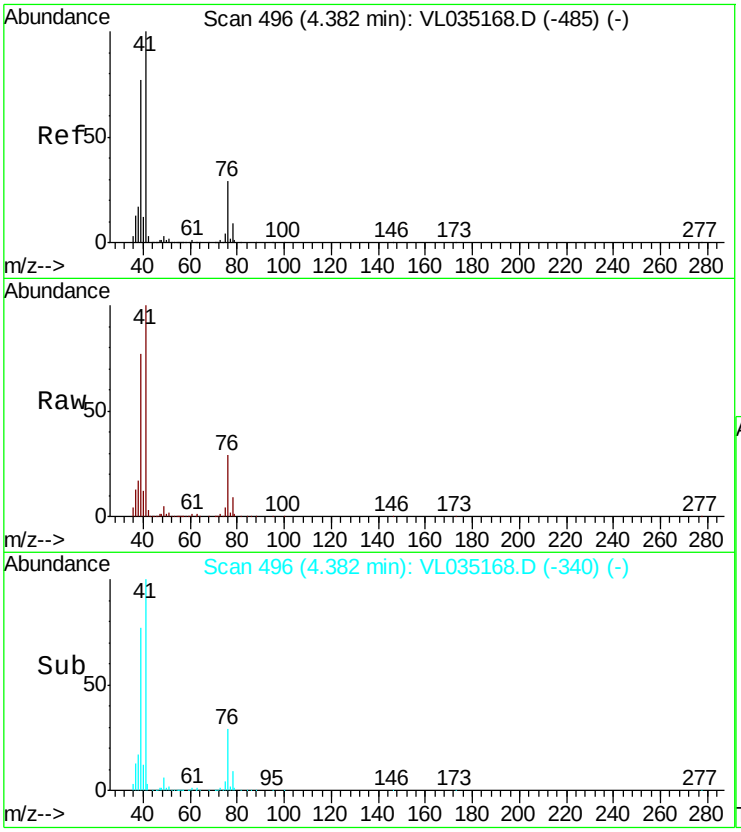


#20
Methylene Chloride
Concen: 7.962 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 84 Resp: 534480

Ion	Ratio	Lower	Upper
84	100		
49	149.2	119.4	179.0
51	45.8	36.6	55.0
86	65.6	52.5	78.7



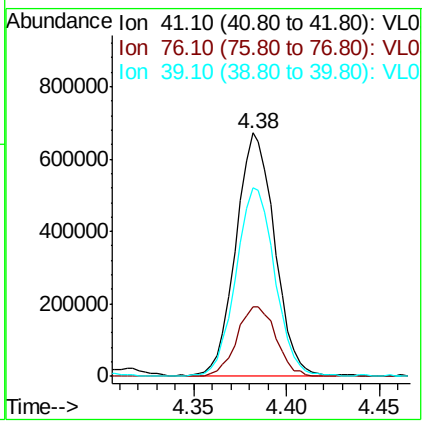


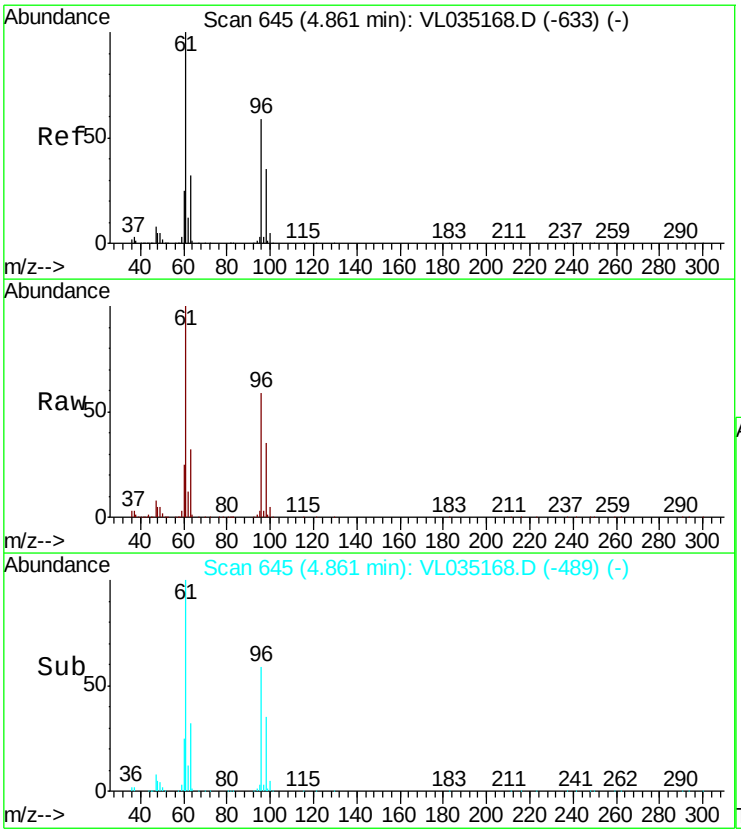
#21
Allvl Chloride
Concen: 9.898 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 967229

Ion	Ratio	Lower	Upper
41	100		
76	29.4	23.5	35.3
39	78.8	63.4	95.0

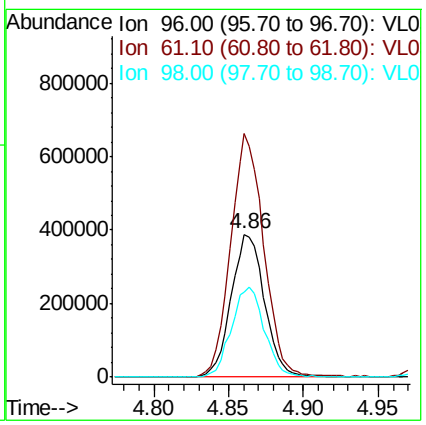


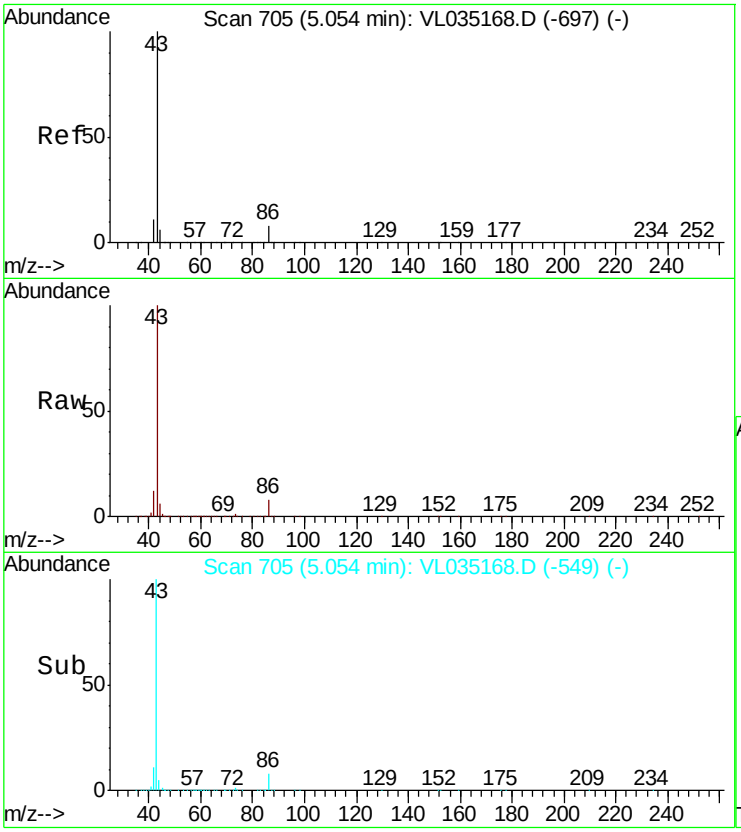


#22
trans-1,2-Dichloroethene
Concen: 10.355 ppbv
RT: 4.86 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 96 Resp: 603284

Ion	Ratio	Lower	Upper
96	100		
61	170.6	136.5	204.7
98	59.4	47.5	71.3



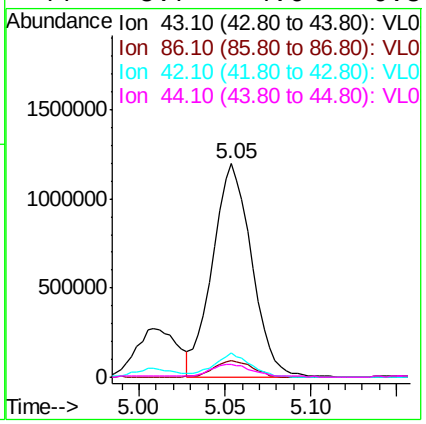


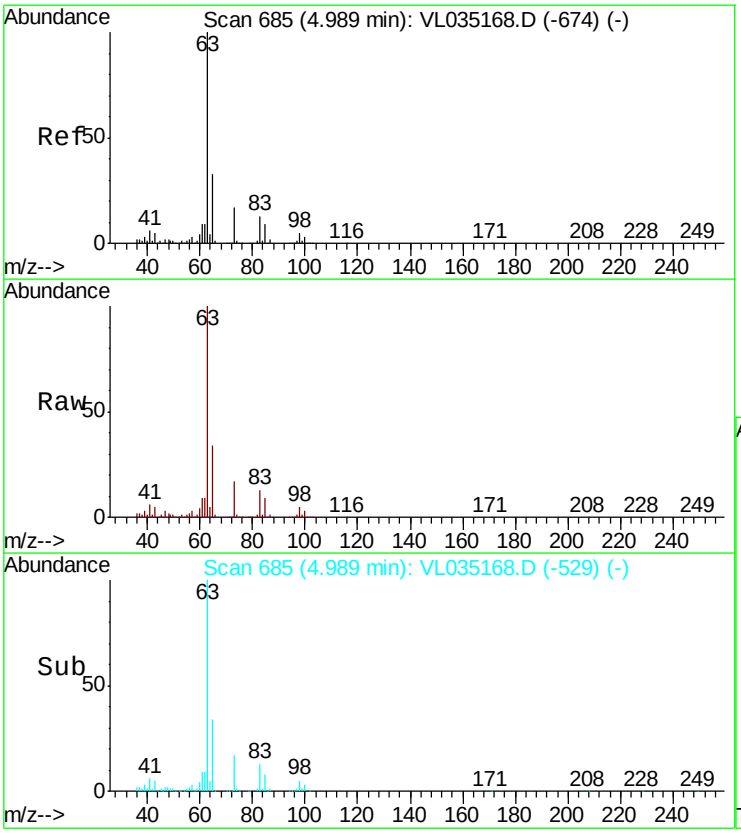
#23
Vinyl Acetate
Concen: 9.607 ppbv
RT: 5.05 min Scan# 705
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1895849

Ion	Ratio	Lower	Upper
43	100		
86	7.7	6.2	9.2
42	11.4	9.1	13.7
44	5.7	4.6	6.8

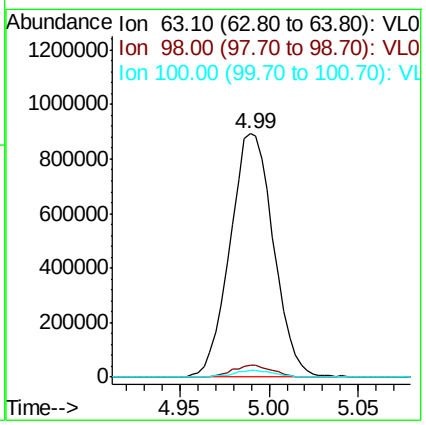


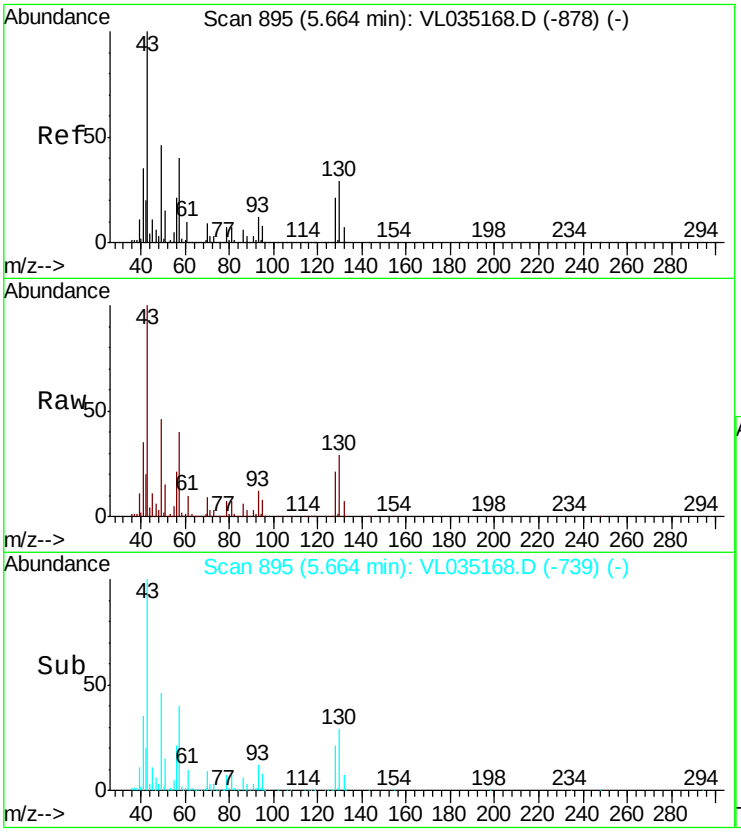


#24
1,1-Dichloroethane
Concen: 9.039 ppbv
RT: 4.99 min Scan# 685
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 63 Resp: 1513547

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.4	7.1
100	2.7	1.4	4.0



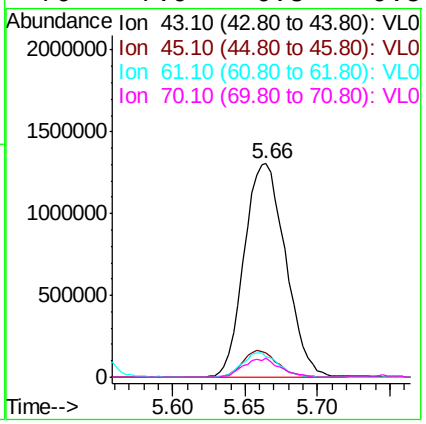


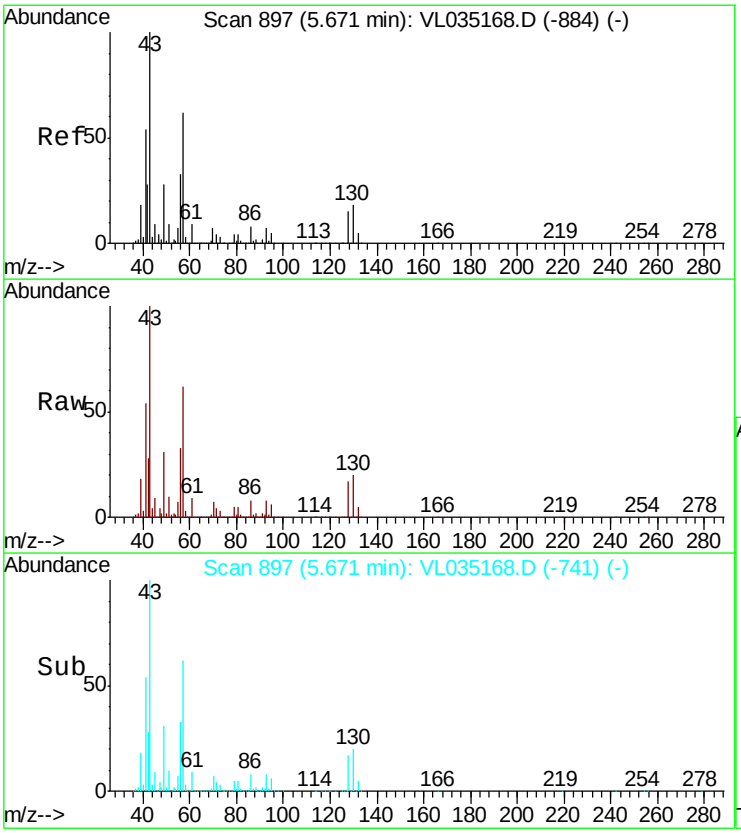
#25
Ethyl Acetate
Concen: 8.804 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2592157

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.1	8.1	12.1
70	7.9	6.3	9.5

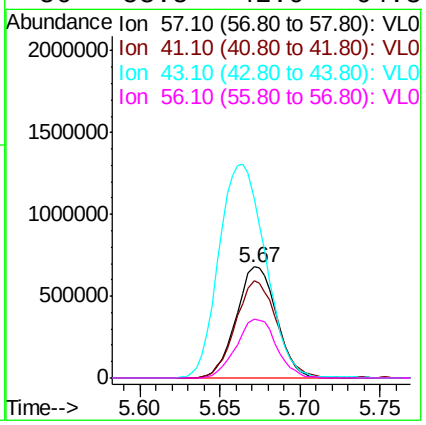


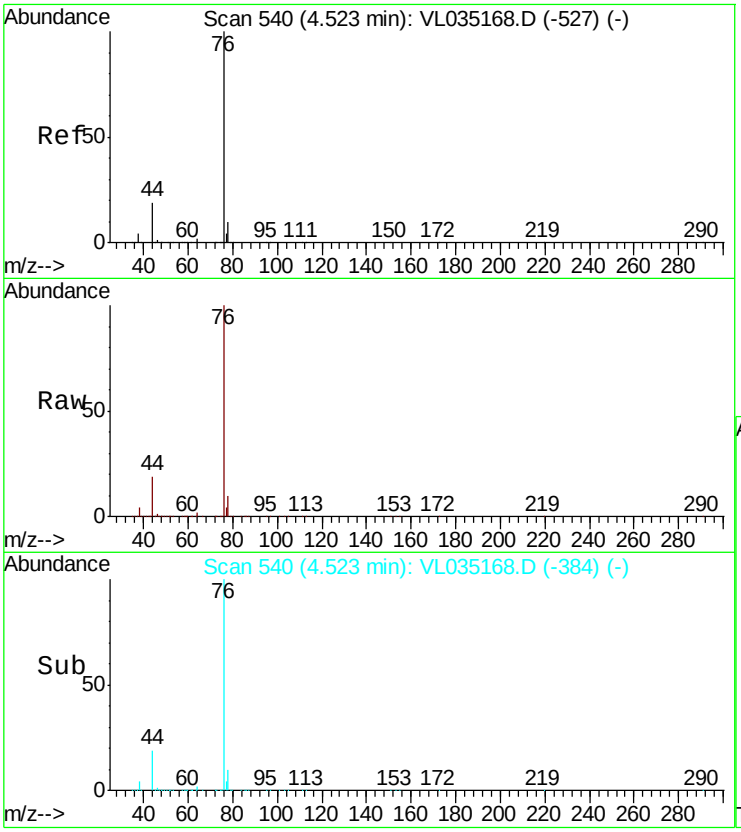


#26
Hexane
Concen: 8.717 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 57 Resp: 1159379

Ion	Ratio	Lower	Upper
57	100		
41	91.2	72.9	109.3
43	225.3	179.5	269.3
56	53.5	42.9	64.3



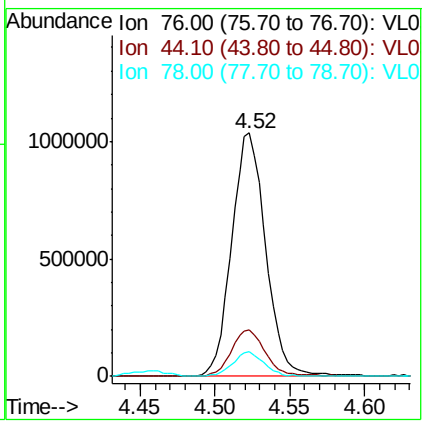


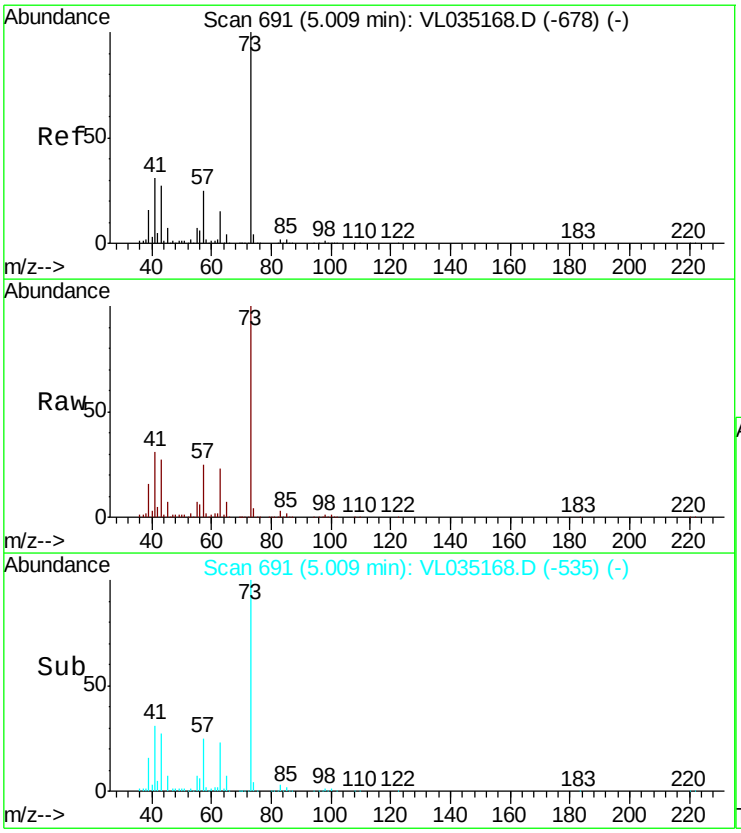
#27
Carbon Disulfide
Concen: 11.525 ppbv
RT: 4.52 min Scan# 540
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1635975

Ion	Ratio	Lower	Upper
76	100		
44	18.9	14.9	22.3
78	9.5	7.5	11.3

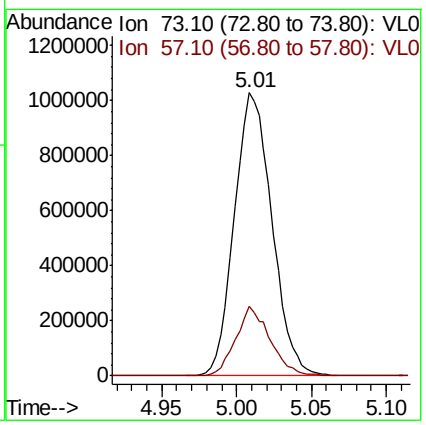


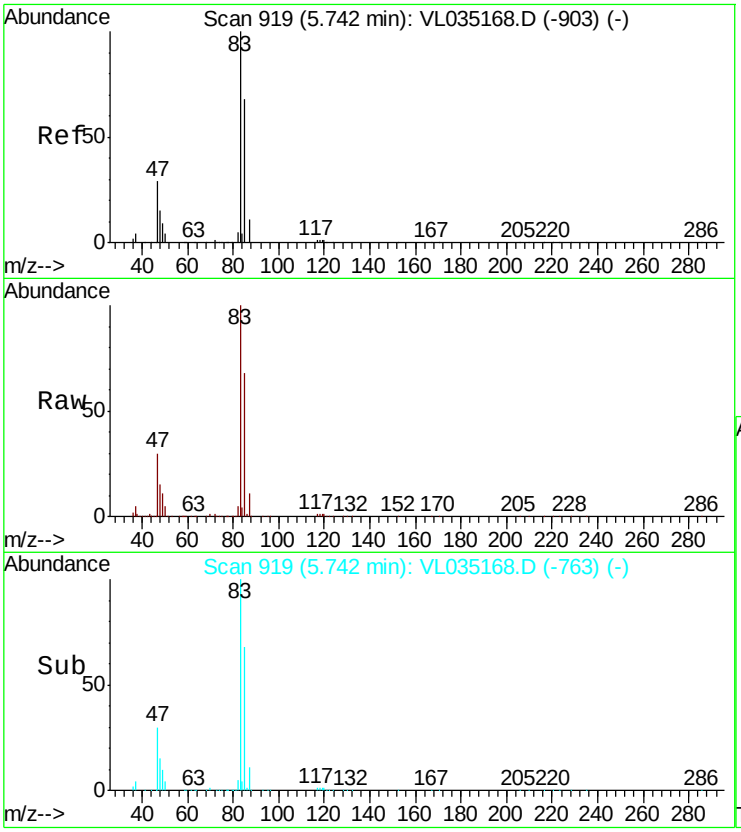


#28
Methyl tert-Butyl Ether
Concen: 9.621 ppbv
RT: 5.01 min Scan# 691
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 73 Resp: 1800985

Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.1	27.1



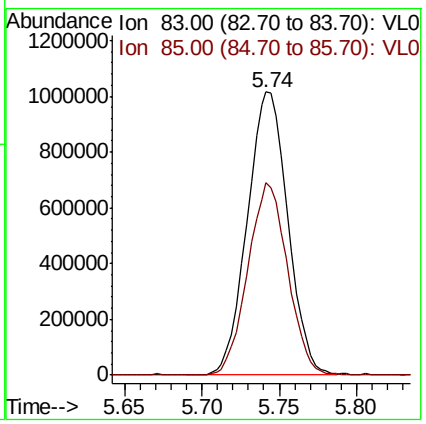


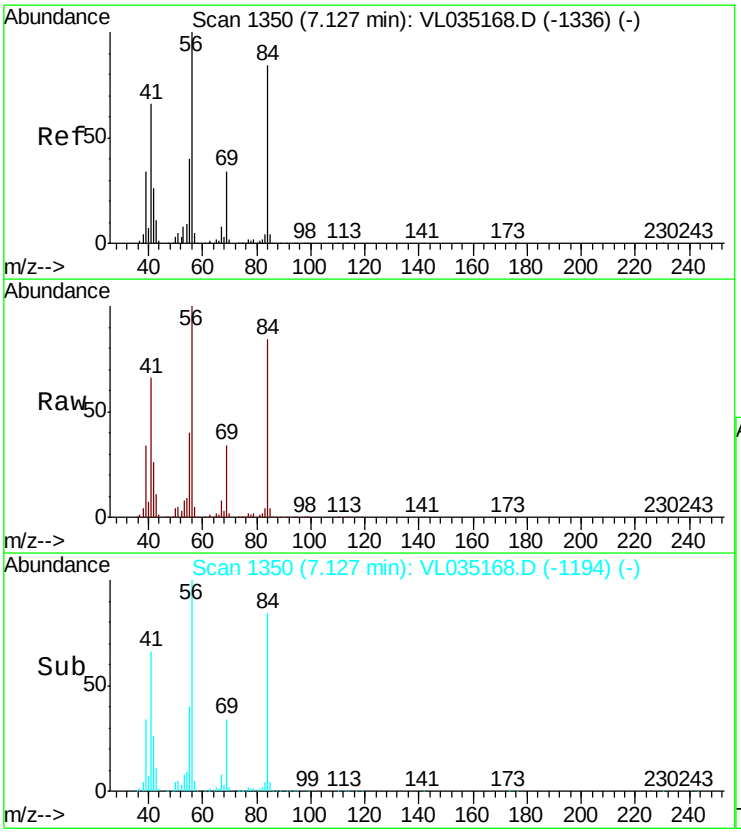
#29
Chloroform
Concen: 8.870 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1849324

Ion	Ratio	Lower	Upper
83	100		
85	67.9	54.3	81.5

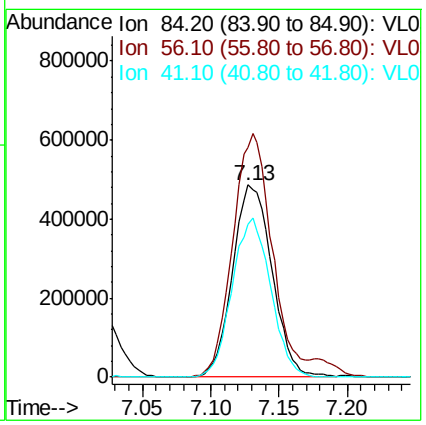


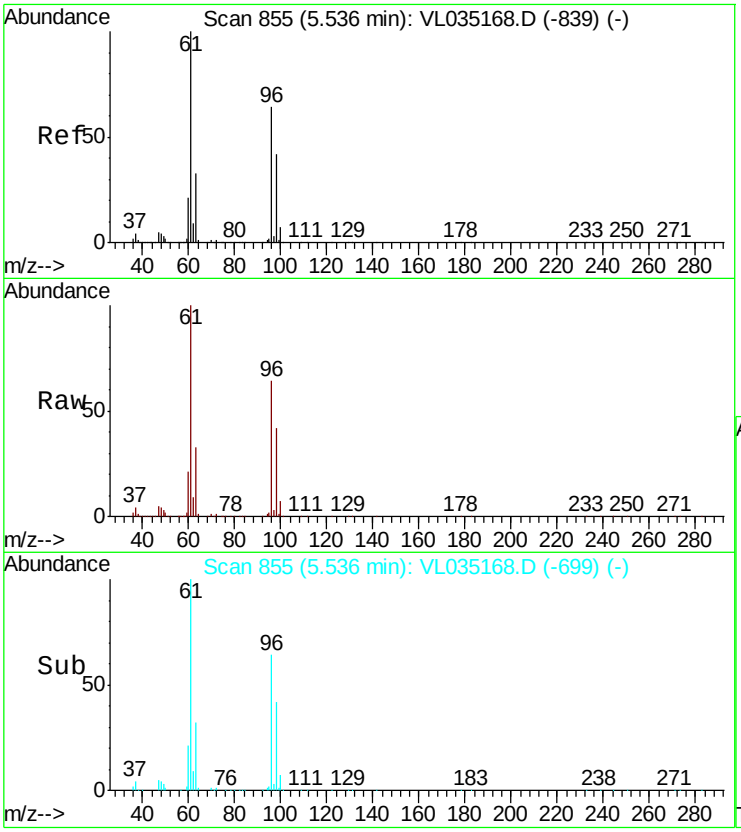


#30
Cyclohexane
Concen: 10.317 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 84 Resp: 981333

Ion	Ratio	Lower	Upper
84	100		
56	132.0	105.6	158.4
41	81.3	64.9	97.3



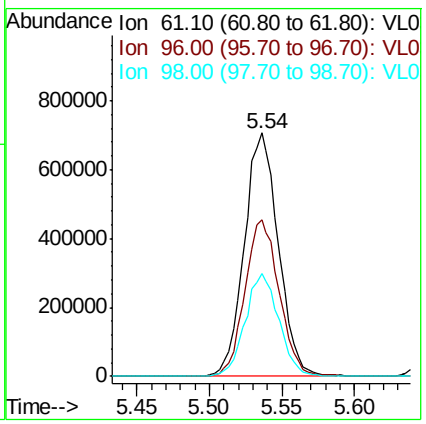


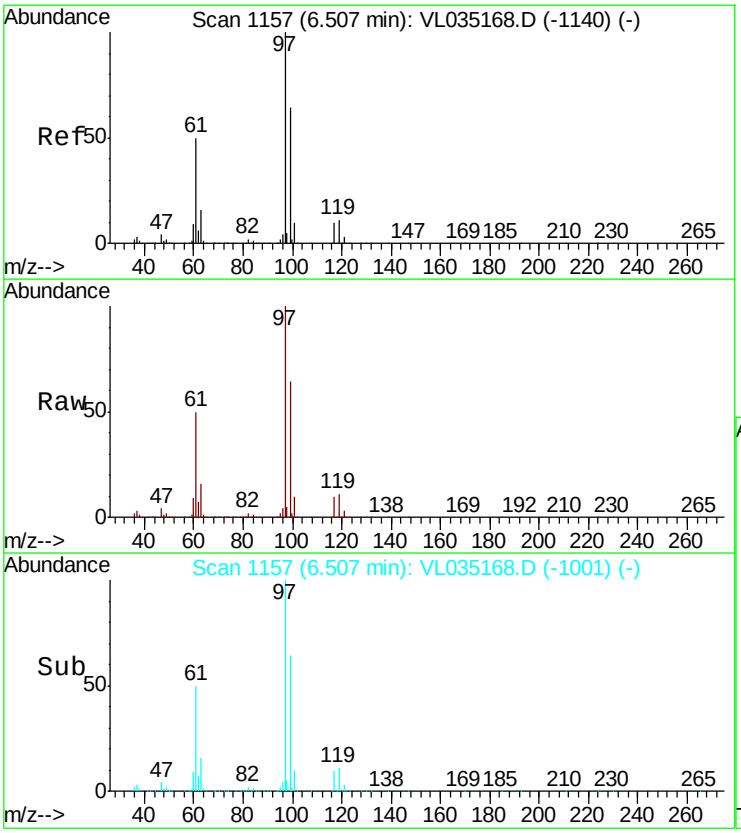
#31
cis-1,2-Dichloroethene
Concen: 9.489 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1154383

Ion	Ratio	Lower	Upper
61	100		
96	64.1	51.3	76.9
98	42.3	33.8	50.8

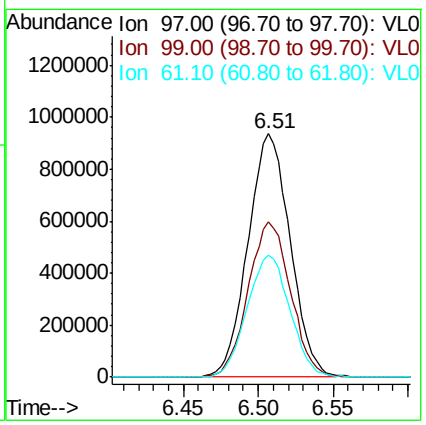


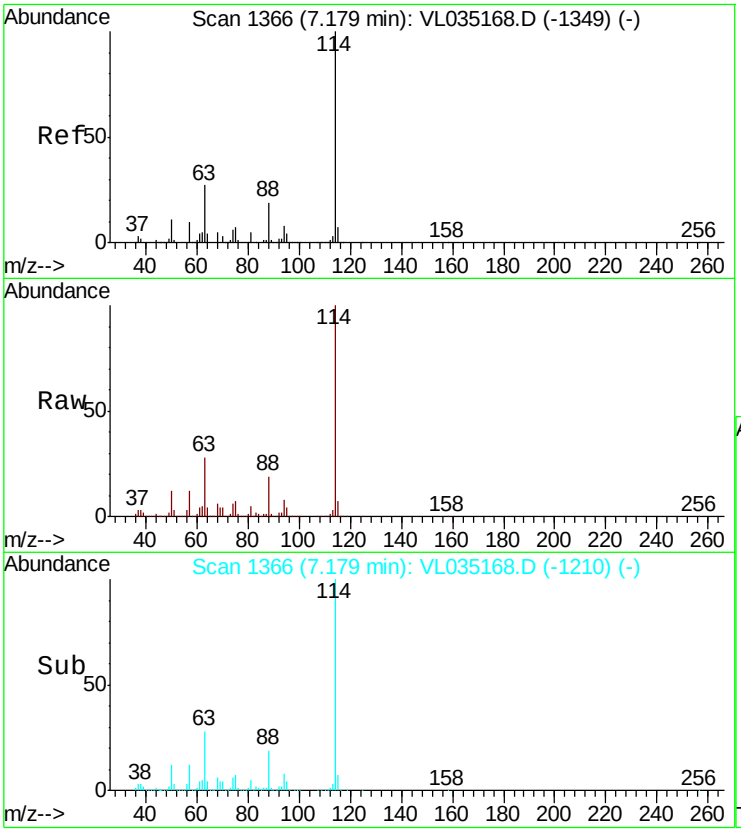


#32
1,1,1-Trichloroethane
Concen: 9.477 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 97 Resp: 1840175

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	51.1	40.9	61.3



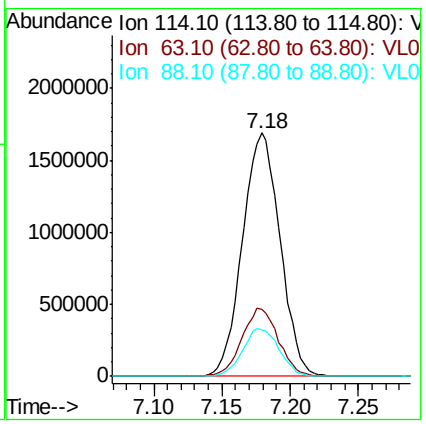


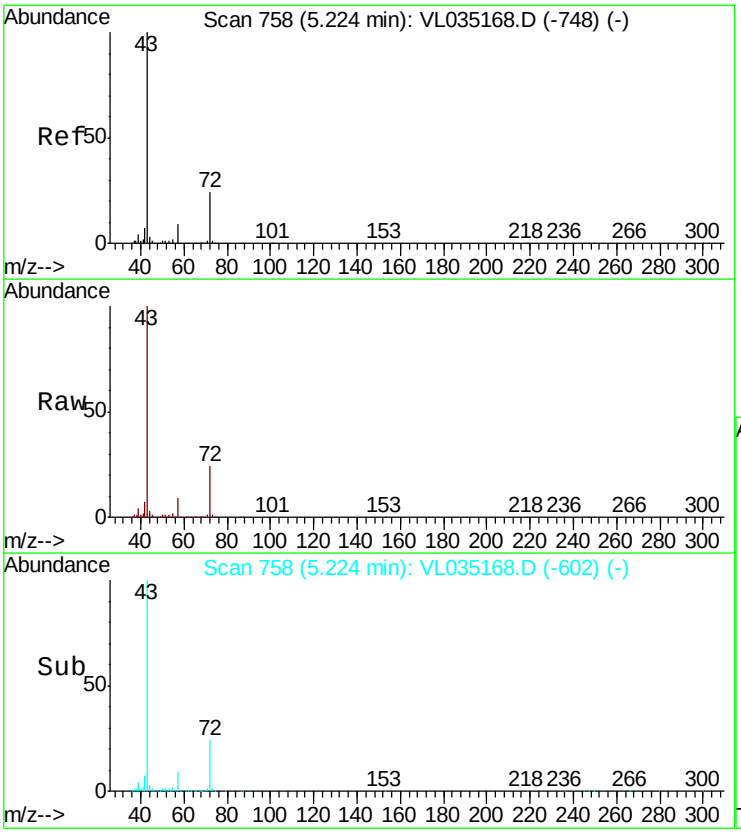
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 3236115

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.0	33.0
88	19.2	15.4	23.0

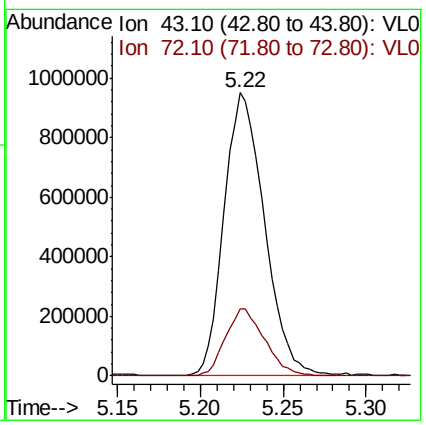


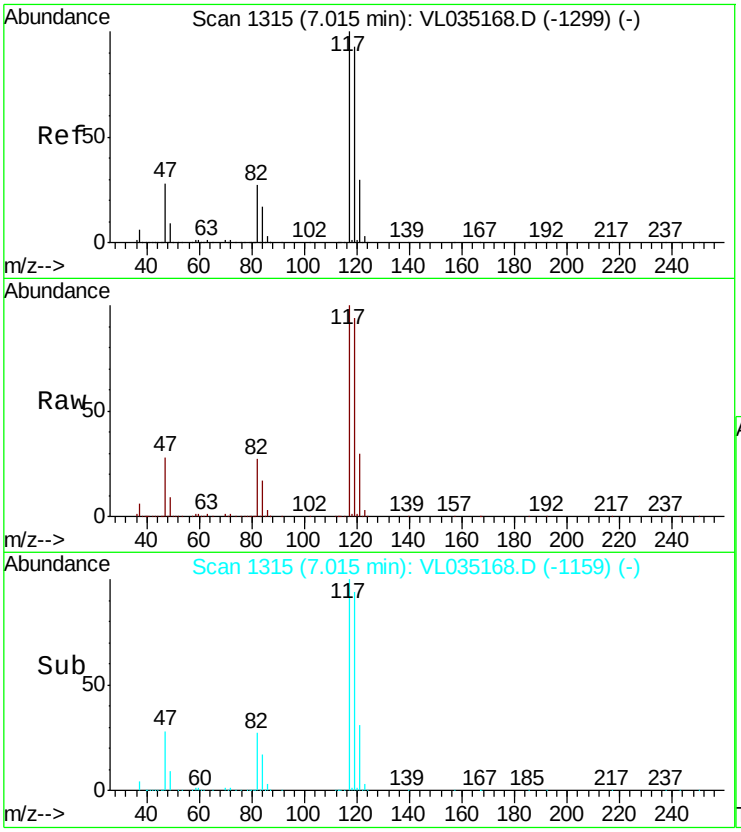


#34
2-Butanone
Concen: 8.750 ppbv
RT: 5.22 min Scan# 758
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 43 Resp: 1602094

Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.6	28.0



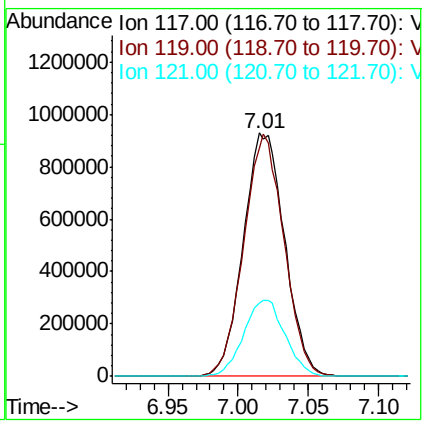


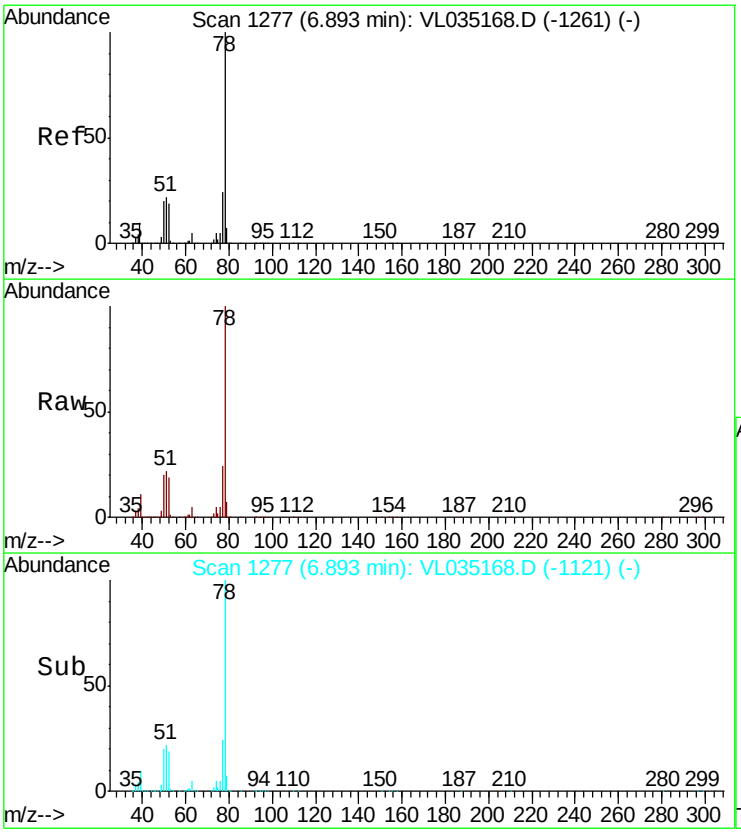
#35
Carbon Tetrachloride
Concen: 9.801 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1908111

Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.8	112.2
121	30.2	24.2	36.2

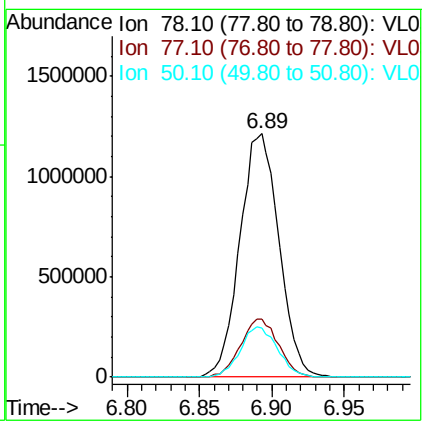


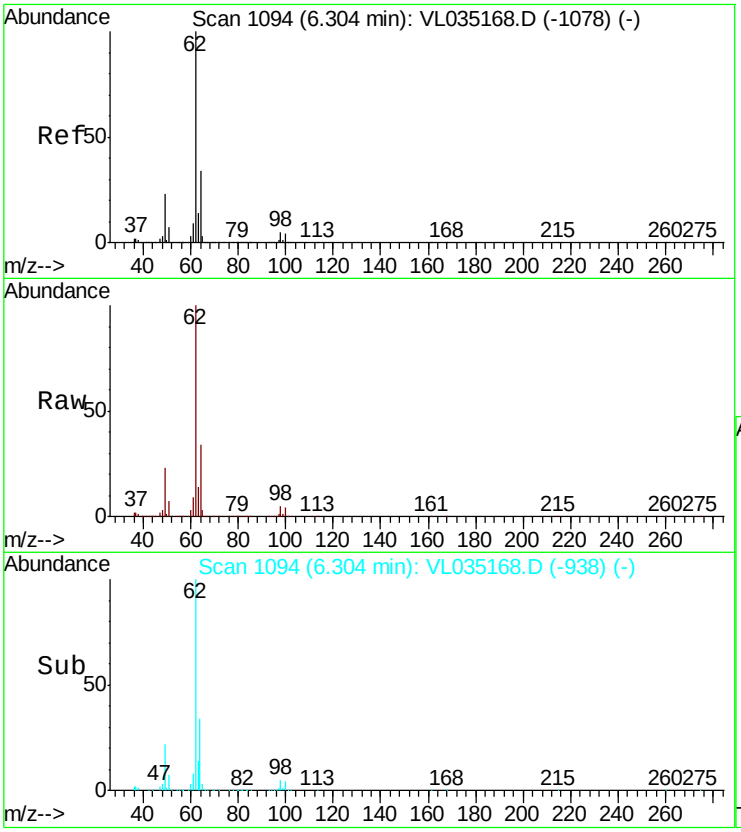


#36
Benzene
Concen: 9.199 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 78 Resp: 2278622

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9
50	20.0	16.0	24.0



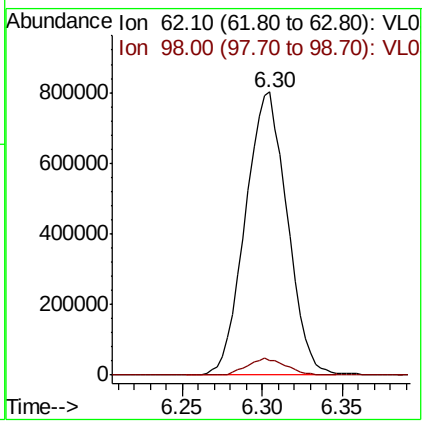


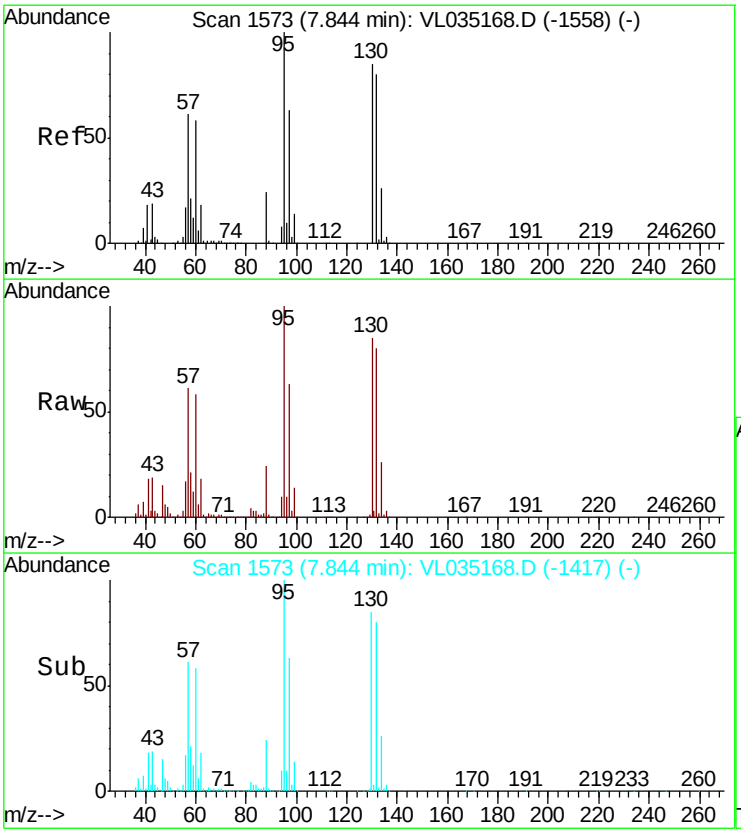
#37
1,2-Dichloroethane
Concen: 9.101 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 1434755

Ion	Ratio	Lower	Upper
62	100		
98	5.7	4.6	6.8

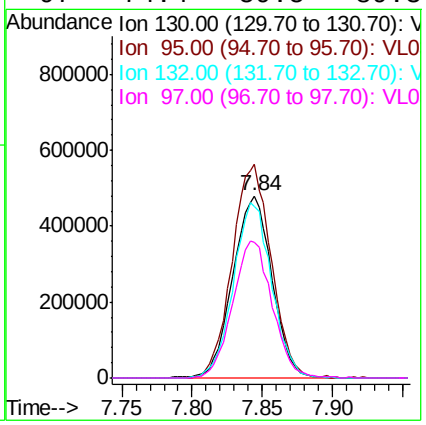


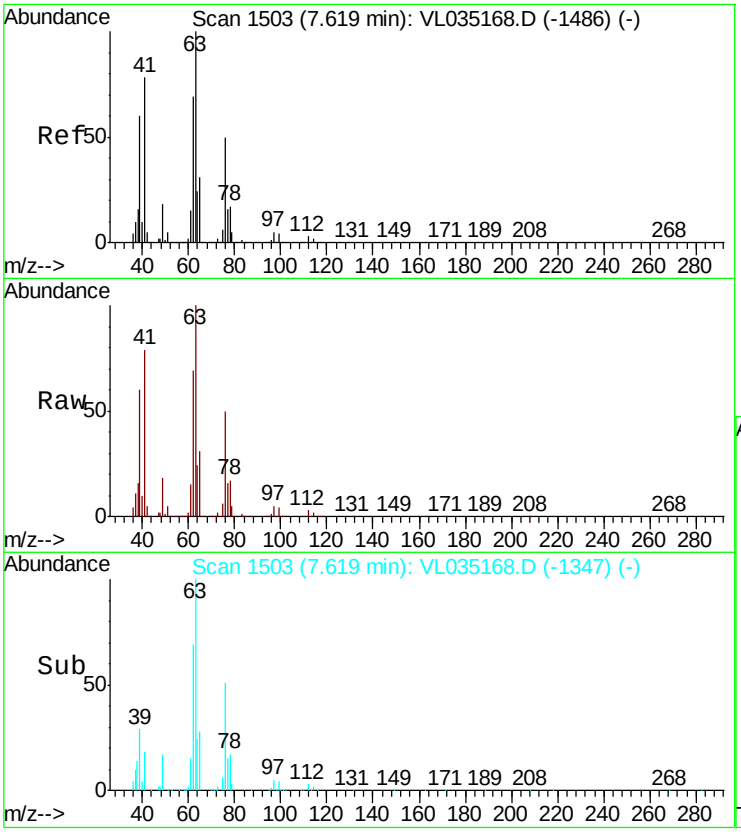


#38
Trichloroethene
Concen: 9.561 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:130 Resp: 928027

Ion	Ratio	Lower	Upper
130	100		
95	117.3	93.8	140.8
132	93.7	75.0	112.4
97	74.4	59.5	89.3



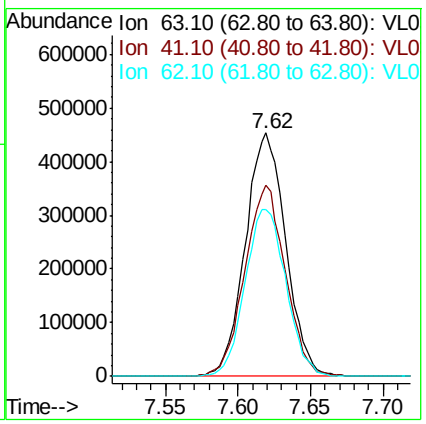


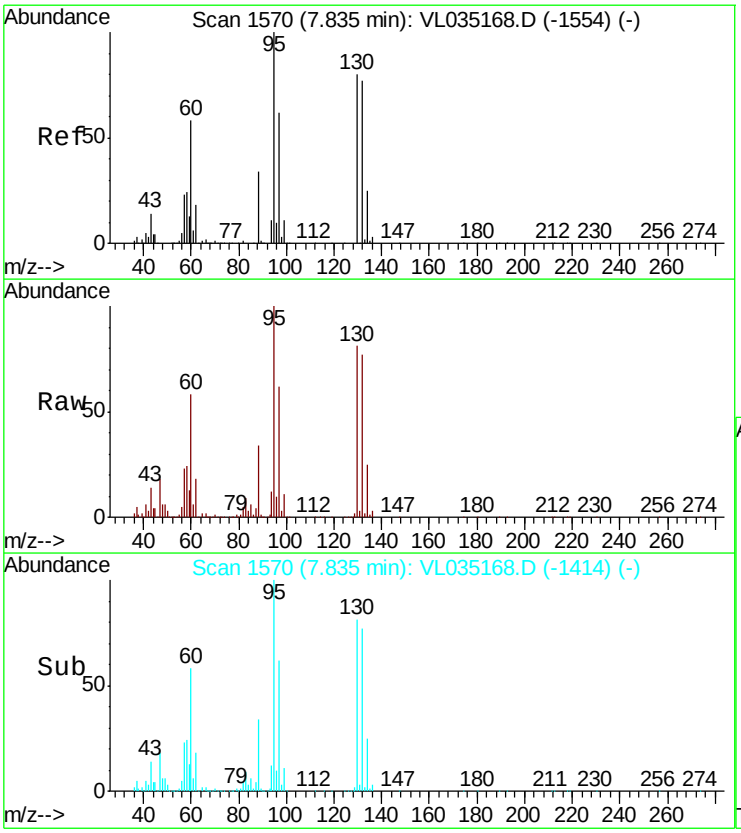
#39
1,2-Dichloropropane
Concen: 9.114 ppbv
RT: 7.62 min Scan# 1503
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 880712

Ion	Ratio	Lower	Upper
63	100		
41	78.3	62.6	94.0
62	68.8	55.0	82.6

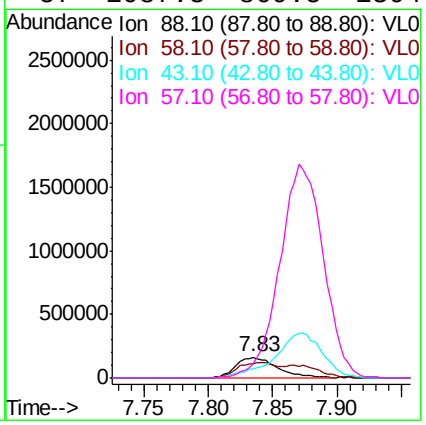


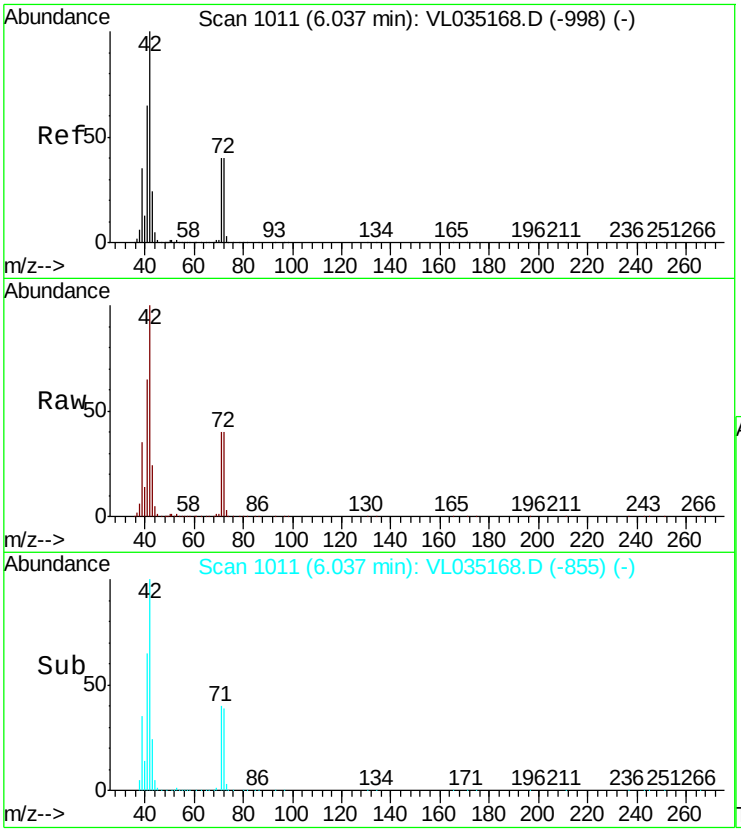


#40
1,4-Dioxane
Concen: 9.297 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 88 Resp: 363652

Ion	Ratio	Lower	Upper
88	100		
58	125.3	100.2	150.4
43	249.6	199.8	299.8
57	1087.3	869.5	1304.3



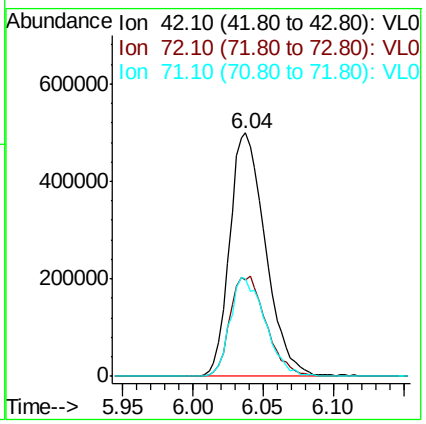


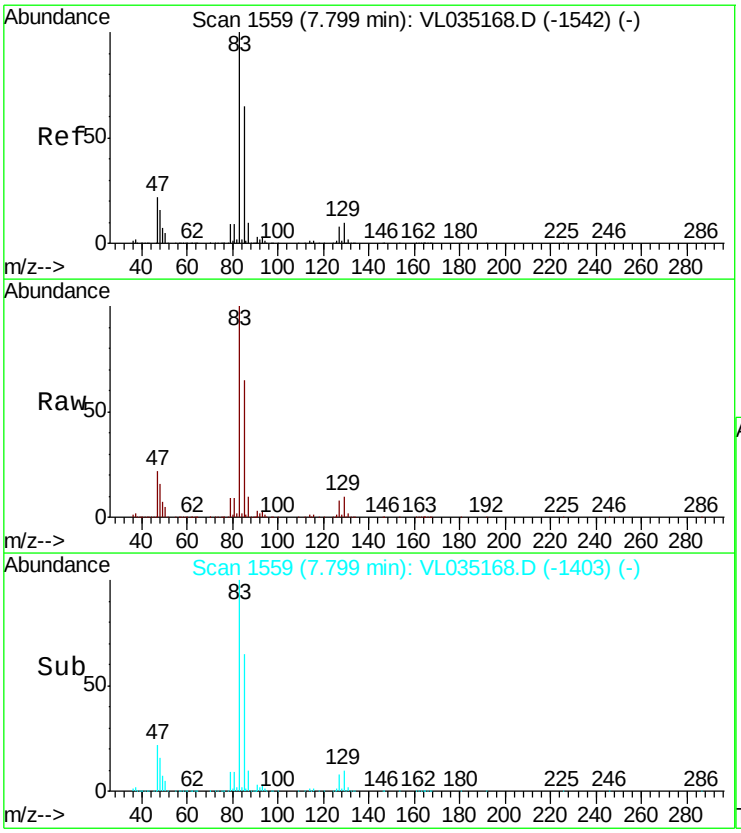
#41
Tetrahydrofuran
Concen: 9.538 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 889262

Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.4	50.2
71	40.1	31.9	47.9

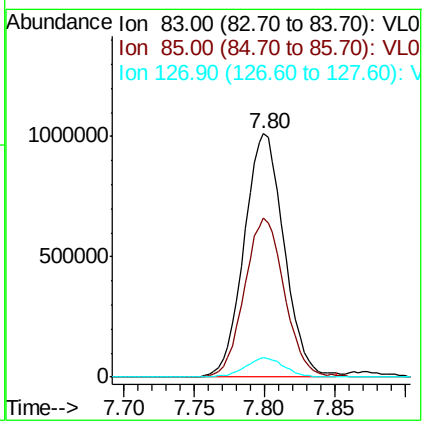


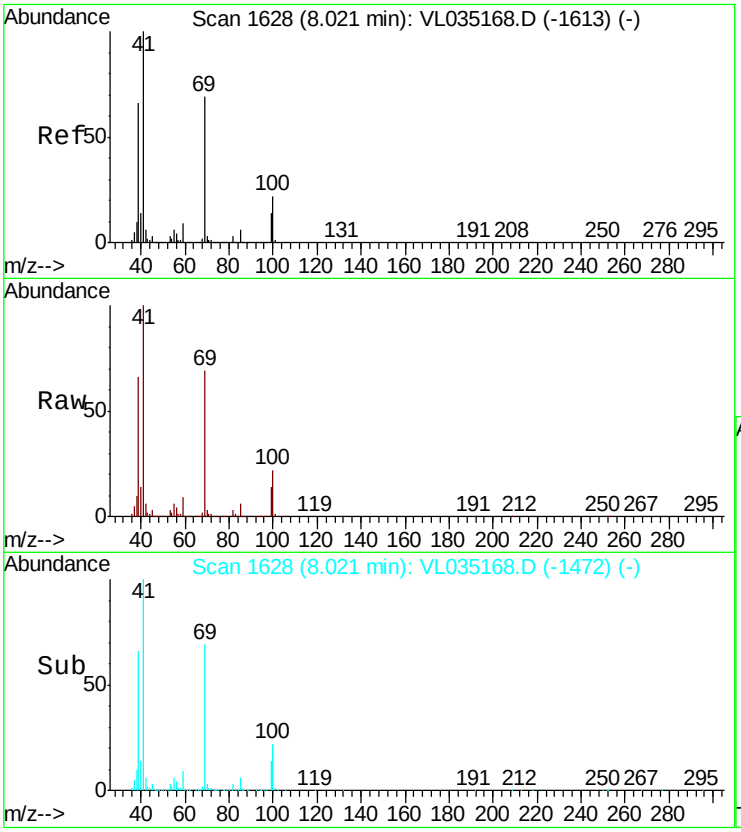


#42
Bromodichloromethane
Concen: 9.806 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 83 Resp: 2008711

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4
127	7.9	6.3	9.5



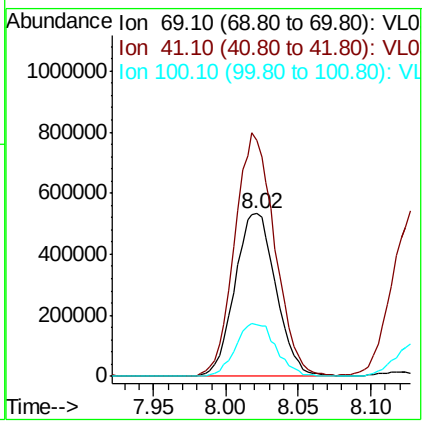


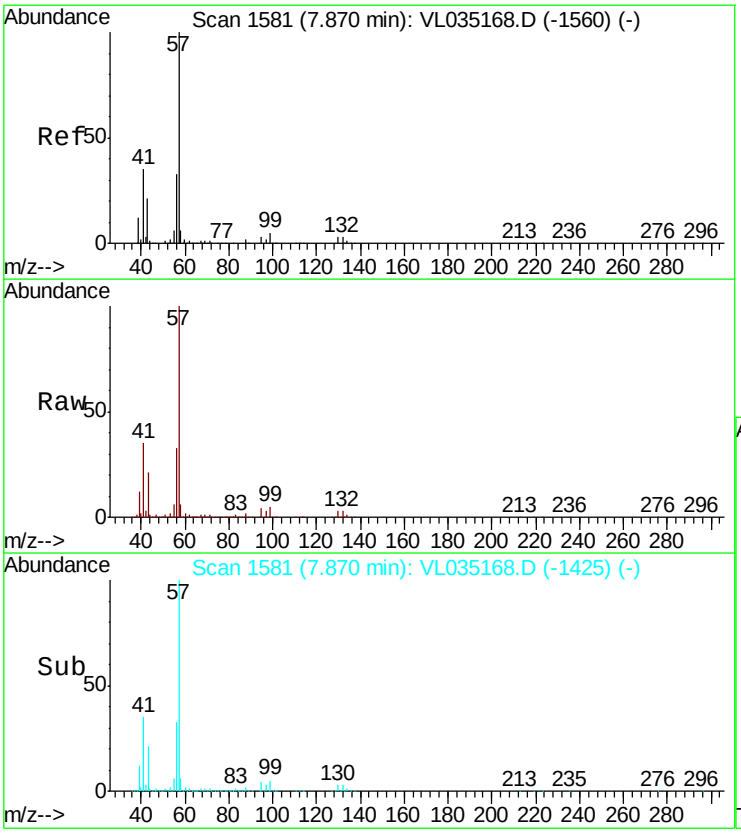
#43
Methyl Methacrylate
Concen: 10.006 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 1049537

Ion	Ratio	Lower	Upper
69	100		
41	145.4	116.3	174.5
100	32.0	25.6	38.4

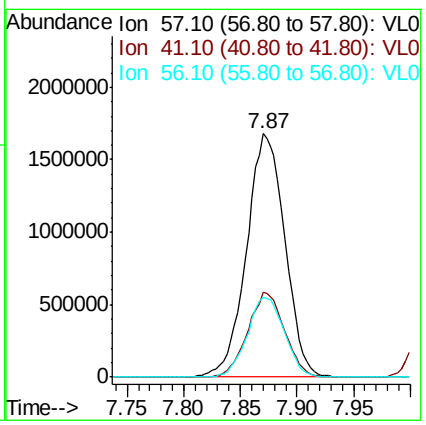


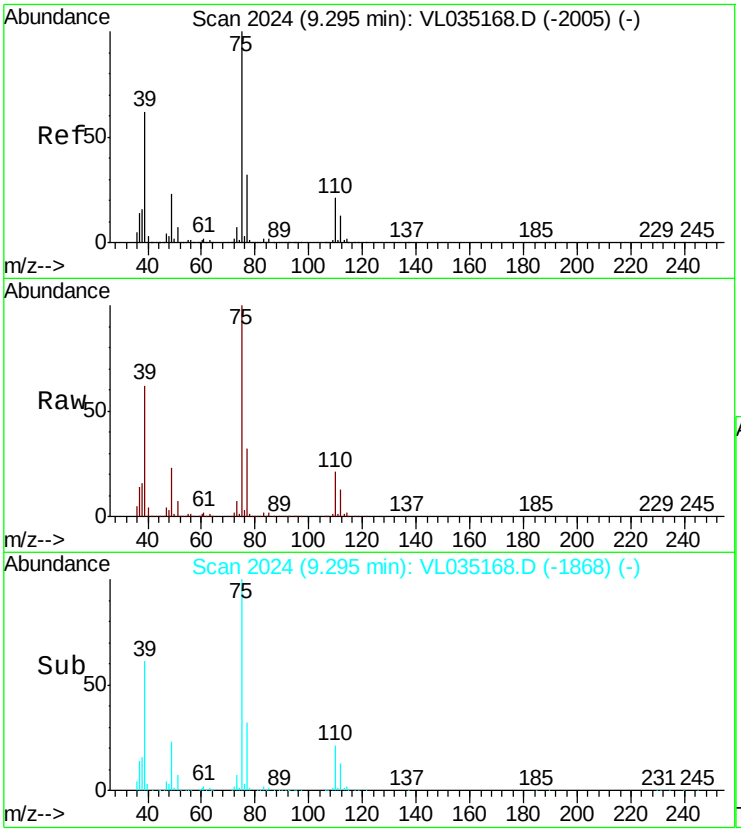


#44
2,2,4-Trimethylpentane
Concen: 9.098 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 57 Resp: 3938271

Ion	Ratio	Lower	Upper
57	100		
41	33.8	27.0	40.6
56	31.9	25.5	38.3



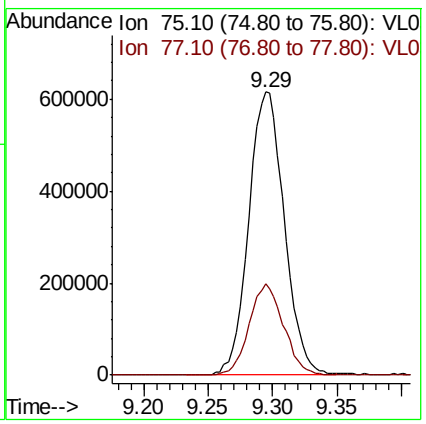


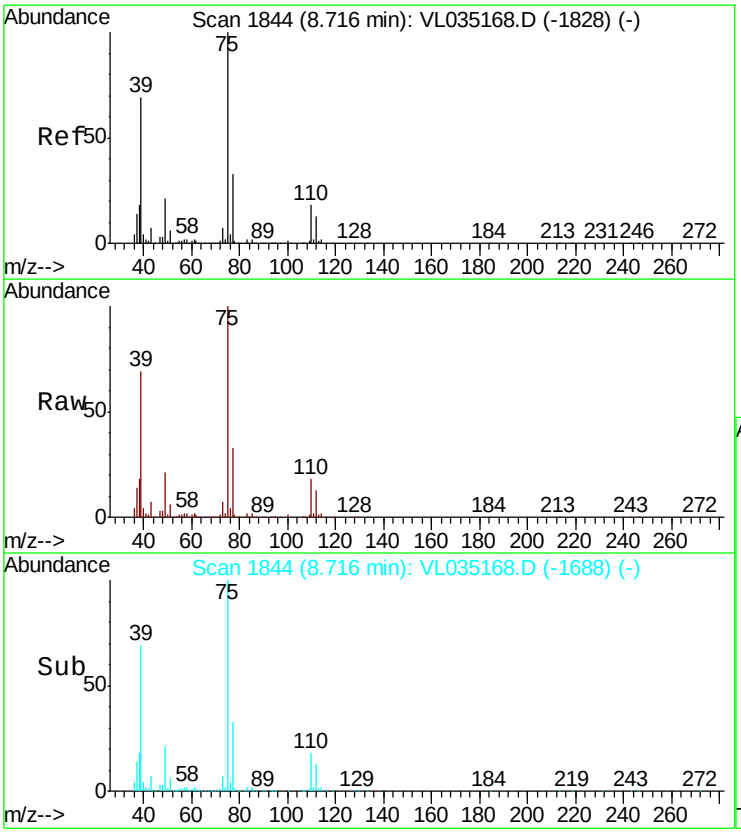
#45
t-1,3-Dichloropropene
Concen: 11.575 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1185343

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8

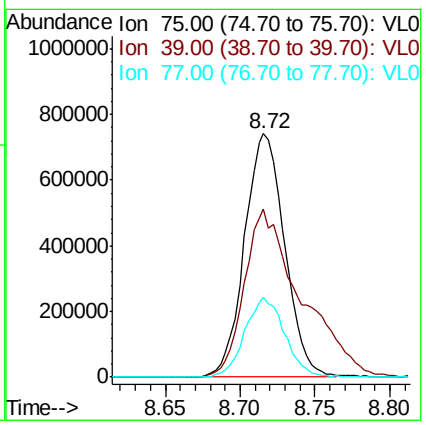


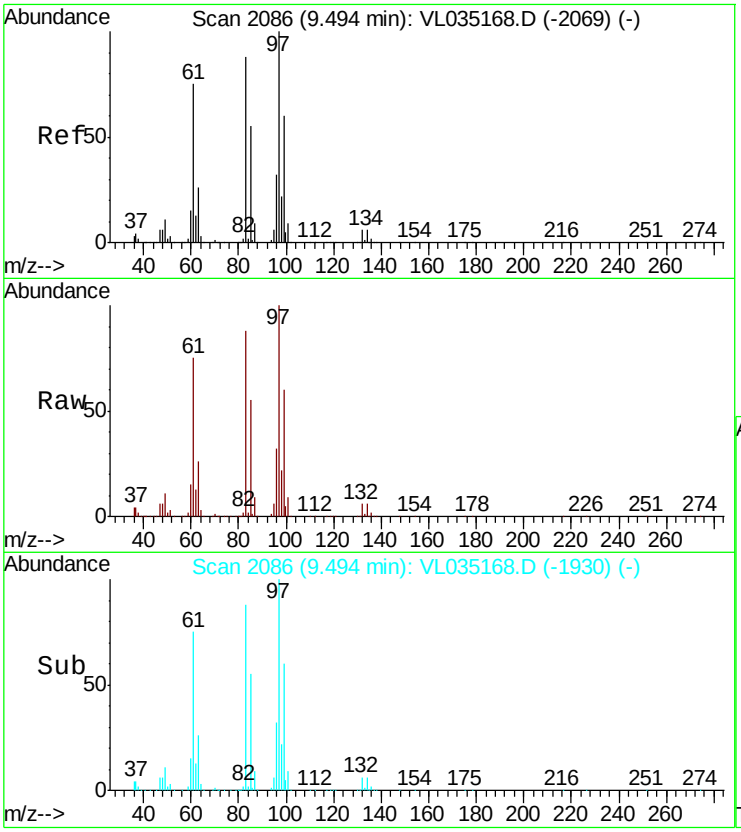


#46
cis-1,3-Dichloropropene
Concen: 10.895 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 75 Resp: 1383283

Ion	Ratio	Lower	Upper
75	100		
39	69.0	55.2	82.8
77	32.5	26.0	39.0



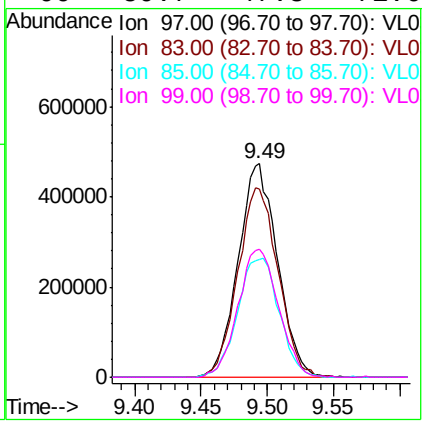


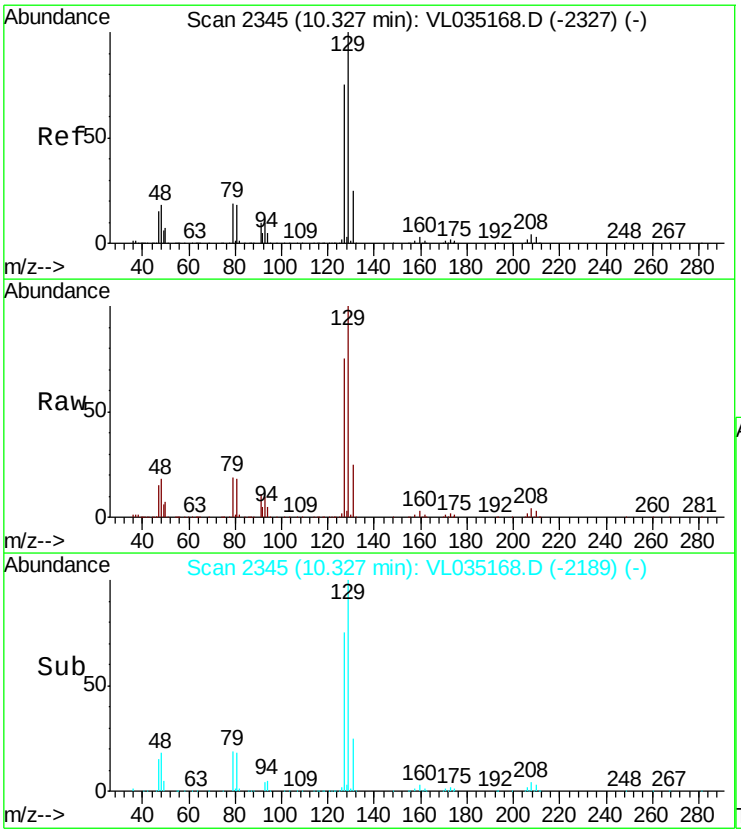
#47
1,1,2-Trichloroethane
Concen: 9.207 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 977916

Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.3	105.5
85	55.4	44.3	66.5
99	59.7	47.8	71.6

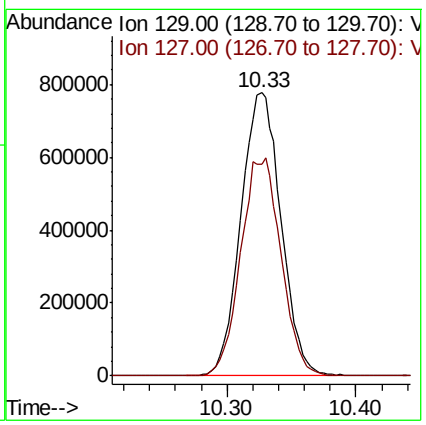


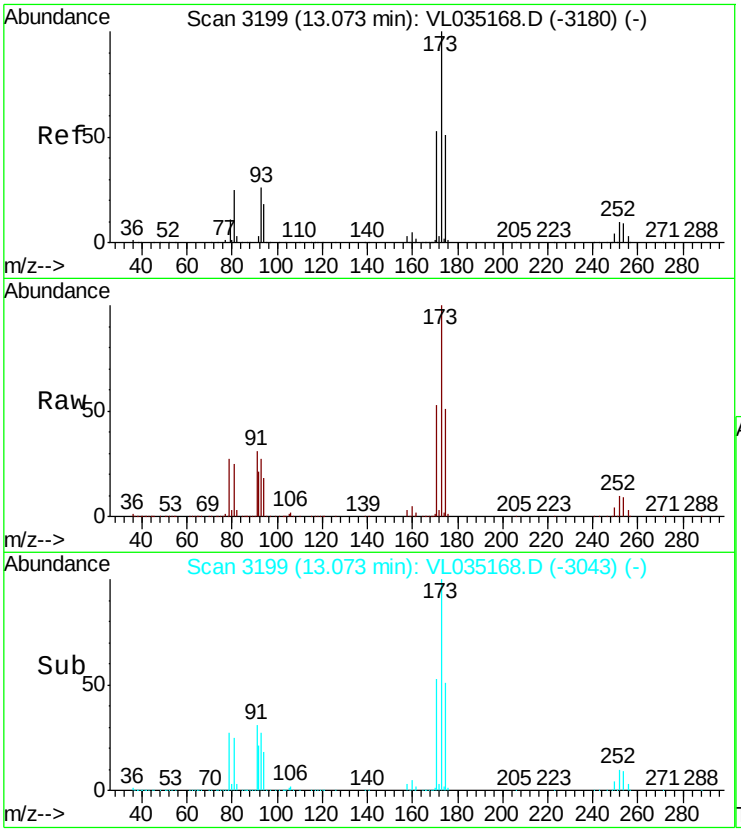


#48
Dibromochloromethane
Concen: 10.546 ppbv
RT: 10.33 min Scan# 2345
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:129 Resp: 1683112

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.3



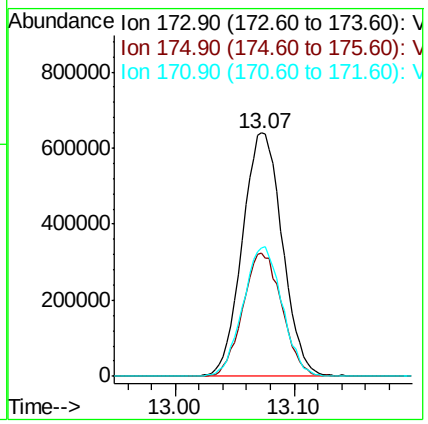


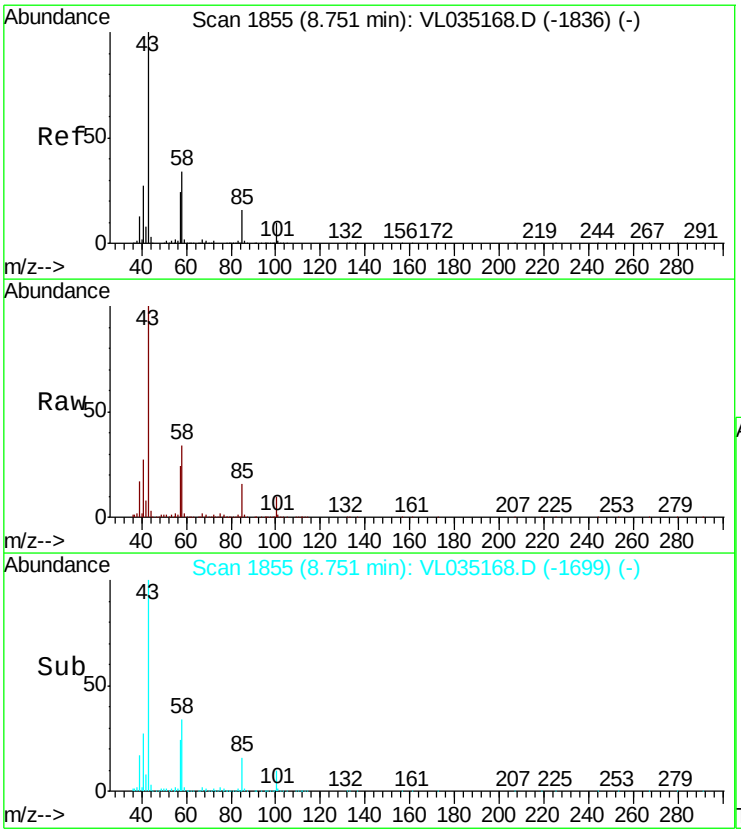
#49
Bromoform
Concen: 10.943 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1488640

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
171	52.0	41.6	62.4

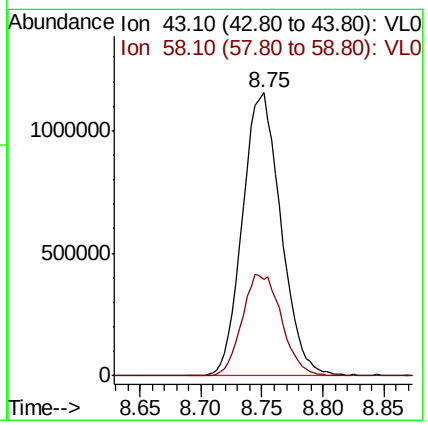


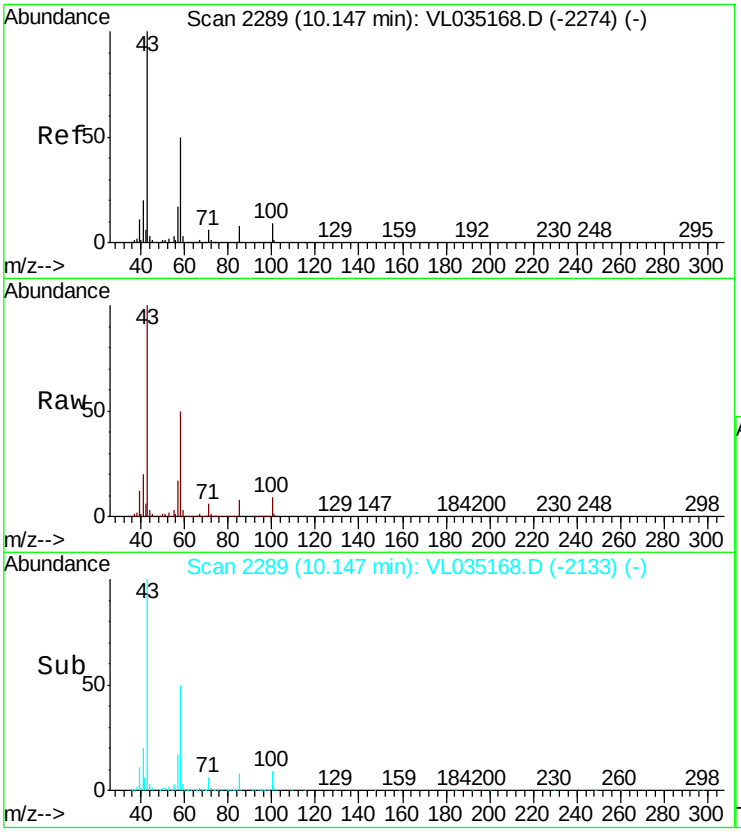


#50
4-Methyl-2-Pentanone
Concen: 9.578 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 43 Resp: 2511993

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.4	44.2



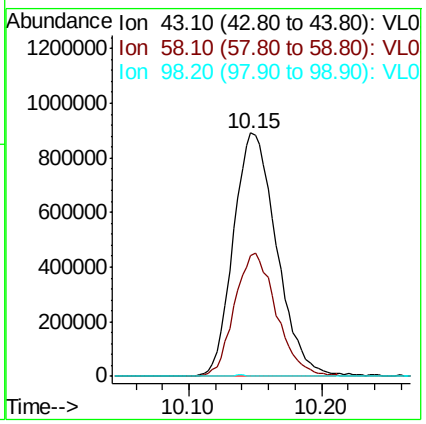


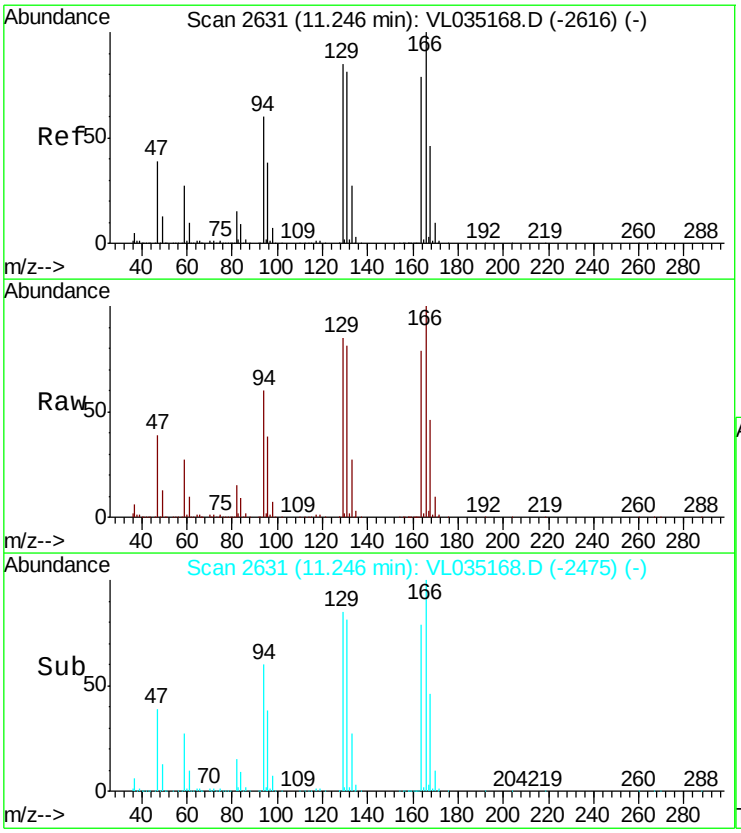
#51
2-Hexanone
Concen: 9.865 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2018401

Ion	Ratio	Lower	Upper
43	100		
58	49.1	39.4	59.0
98	0.3	0.3	0.5

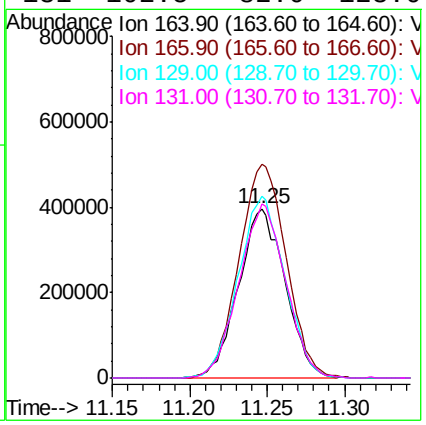


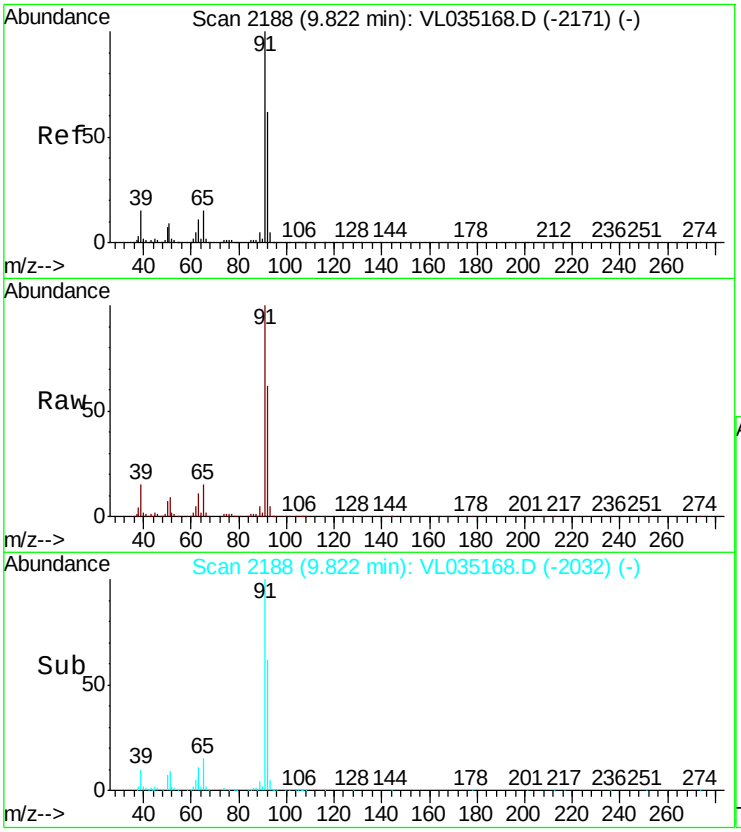


#52
Tetrachloroethene
Concen: 9.408 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:164 Resp: 826619

Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.7	151.1
129	107.2	85.8	128.6
131	102.5	82.0	123.0



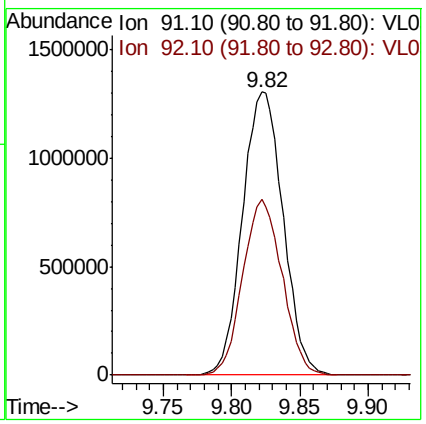


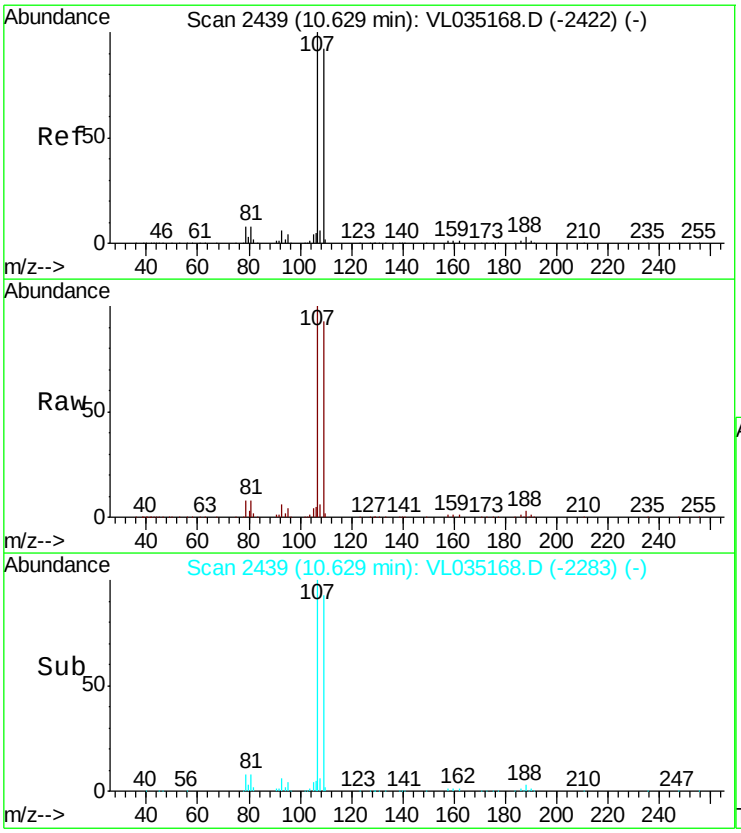
#53
Toluene
Concen: 10.148 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2689952

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.4	72.6

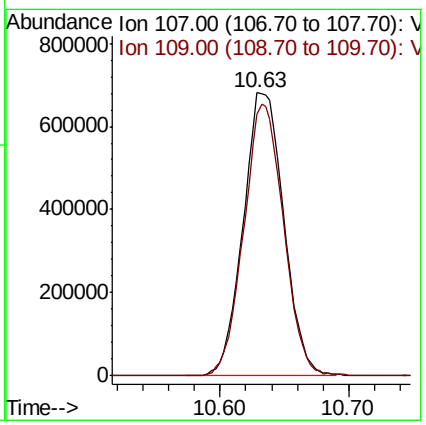


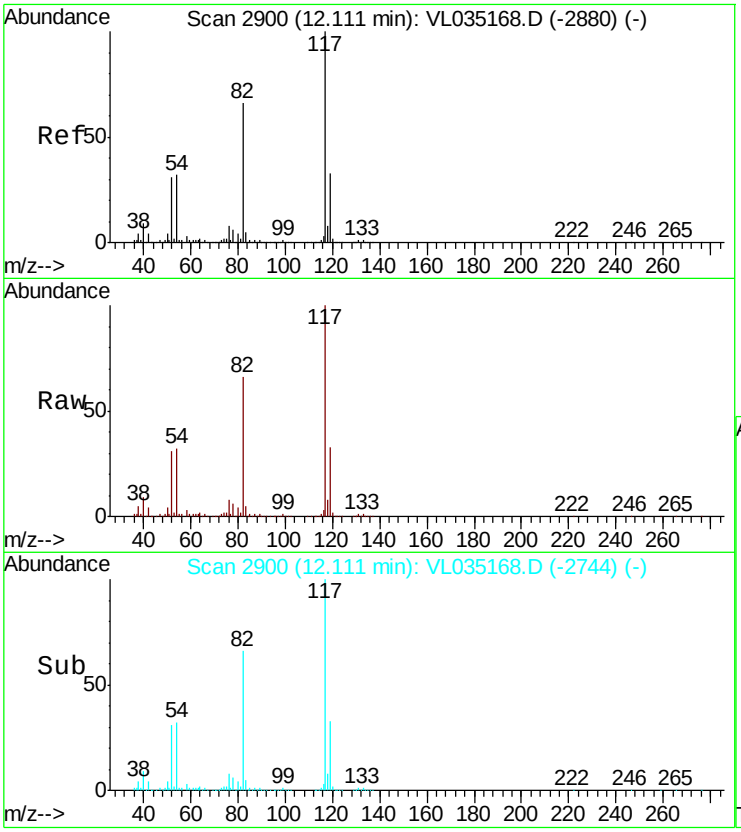


#54
1,2-Dibromoethane
Concen: 9.473 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:107 Resp: 1493604

Ion	Ratio	Lower	Upper
107	100		
109	92.5	74.0	111.0



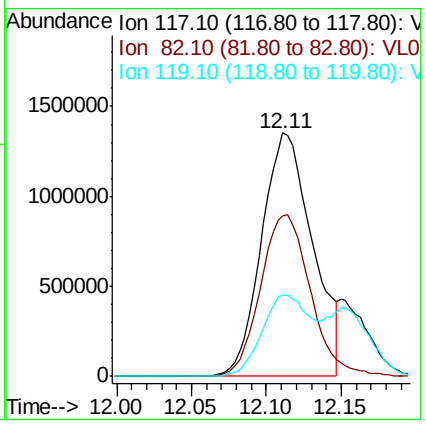


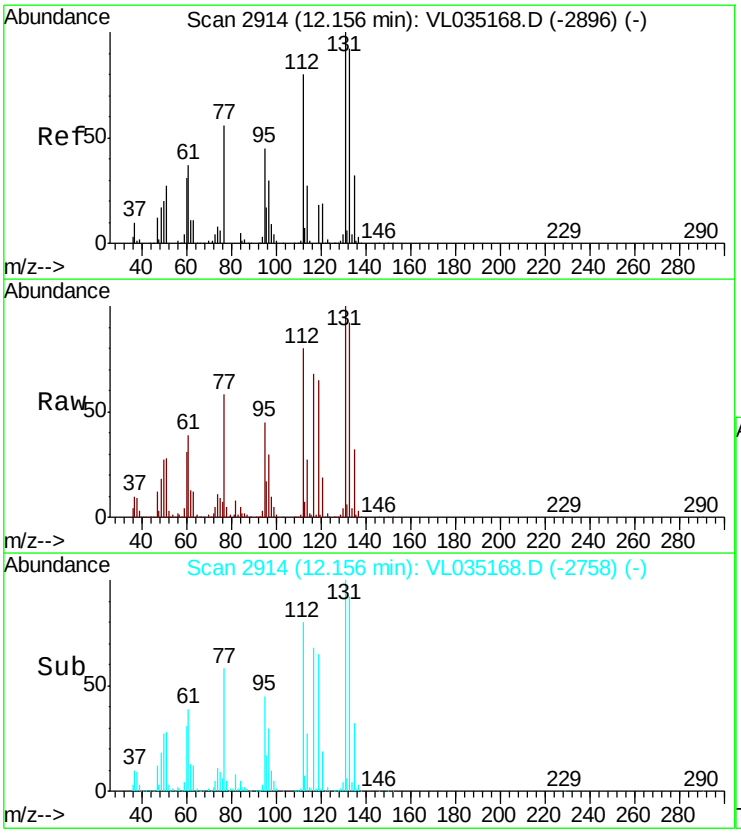
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 3199898

Ion	Ratio	Lower	Upper
117	100		
82	65.3	52.3	78.5
119	34.9	24.9	37.3

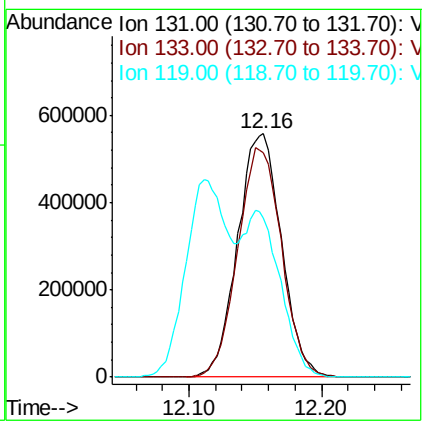


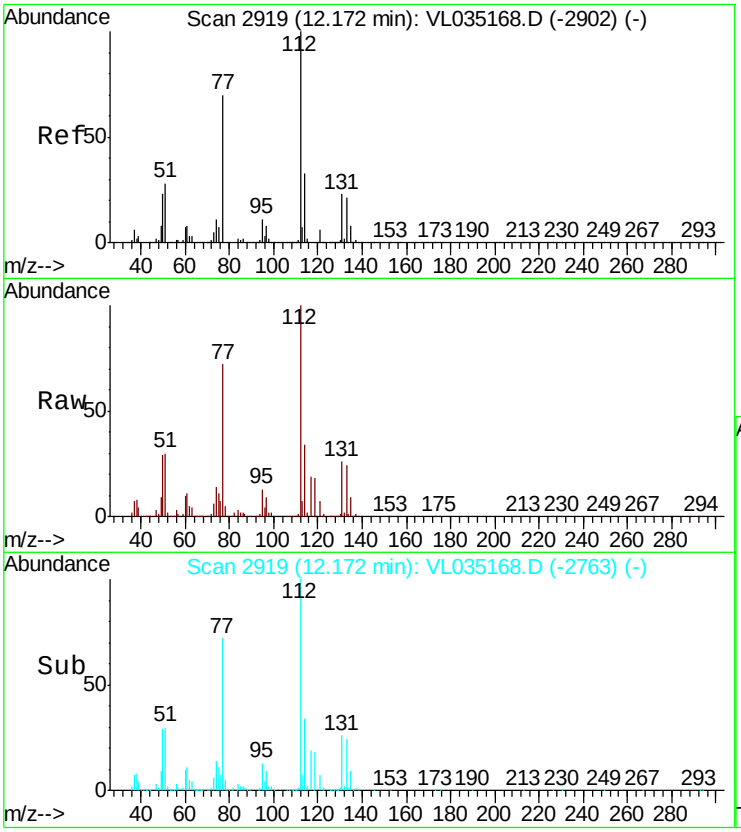


#56
1,1,1,2-Tetrachloroethane
Concen: 9.656 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:131 Resp: 1279252

Ion	Ratio	Lower	Upper
131	100		
133	94.3	75.4	113.2
119	57.8	42.4	63.6



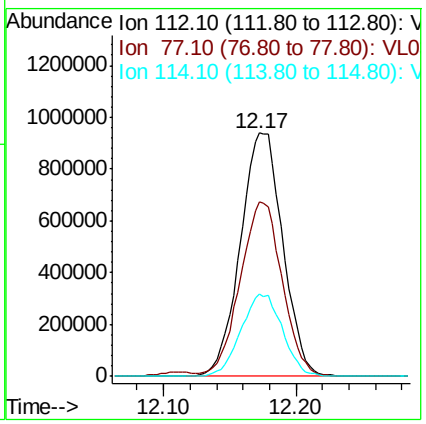


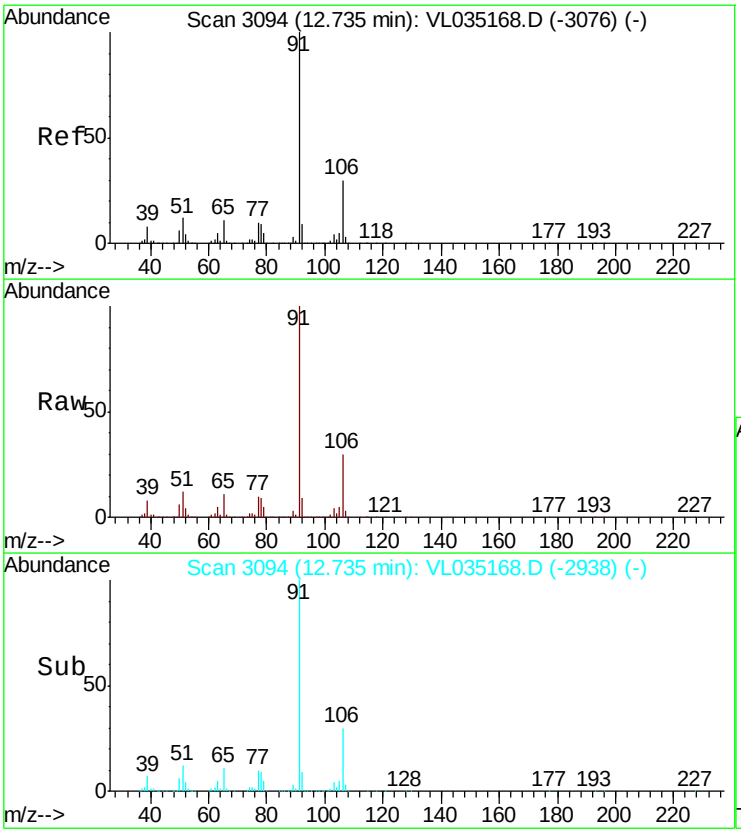
#57
Chlorobenzene
Concen: 8.815 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 2082079

Ion	Ratio	Lower	Upper
112	100		
77	71.2	57.0	85.4
114	33.6	30.2	37.0

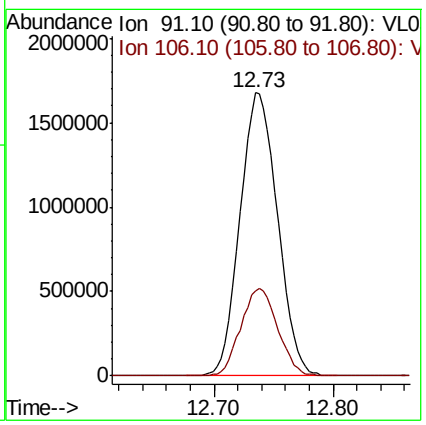


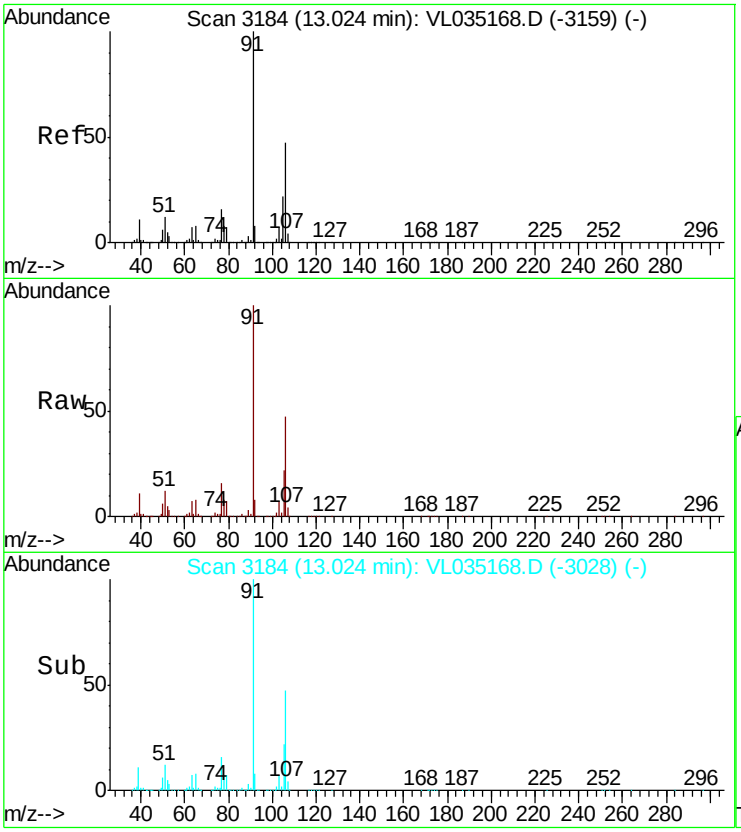


#58
Ethyl Benzene
Concen: 10.118 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 91 Resp: 3657436

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.2



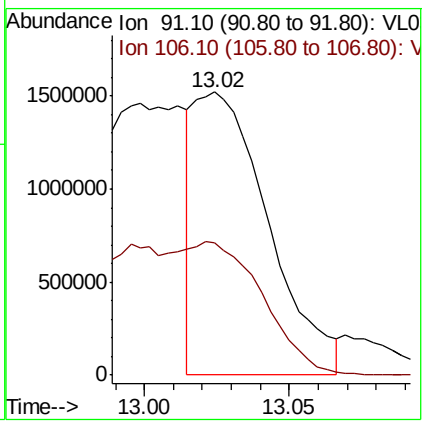


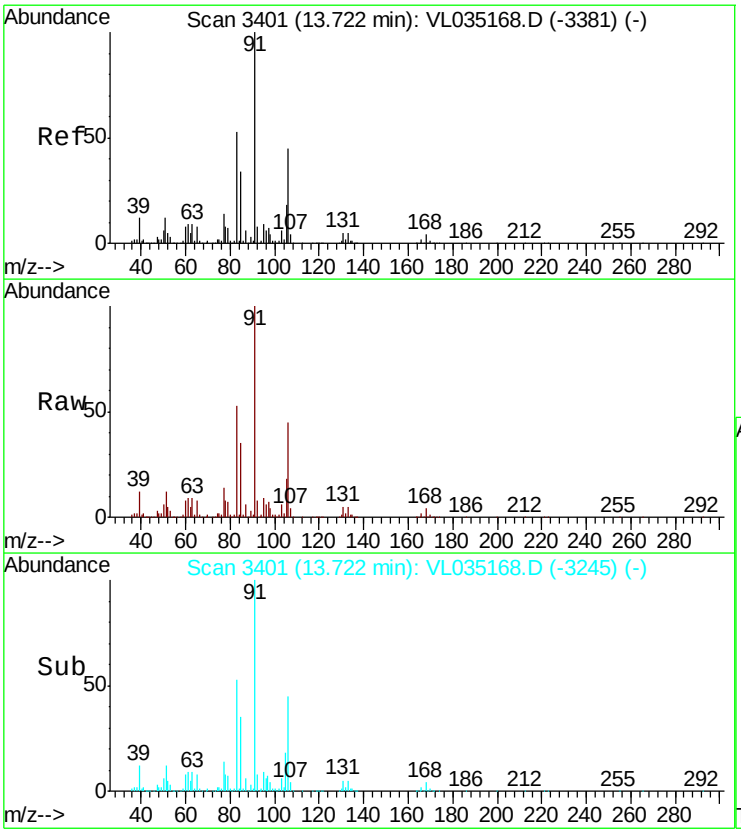
#59
m/p-Xylene
Concen: 8.357 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2677403

Ion	Ratio	Lower	Upper
91	100		
106	103.0	36.2	54.2#

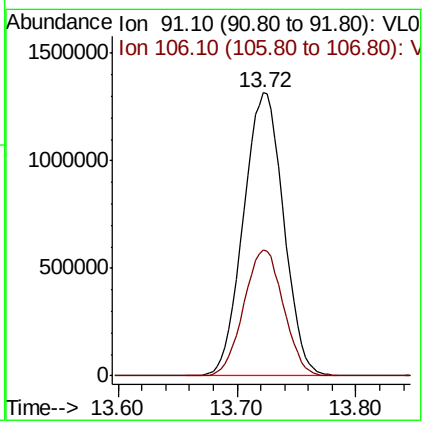


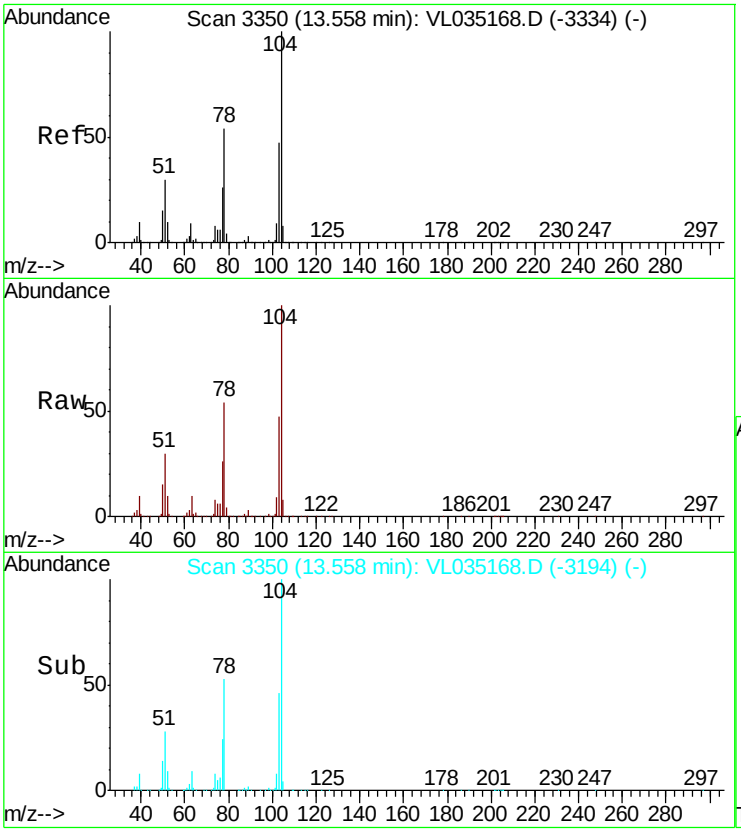


#60
o-Xylene
Concen: 9.600 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 91 Resp: 3070009

Ion	Ratio	Lower	Upper
91	100		
106	44.2	22.1	66.3



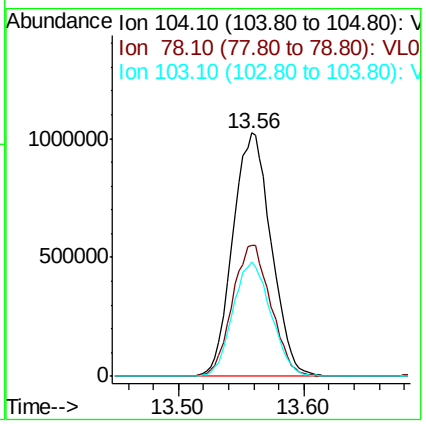


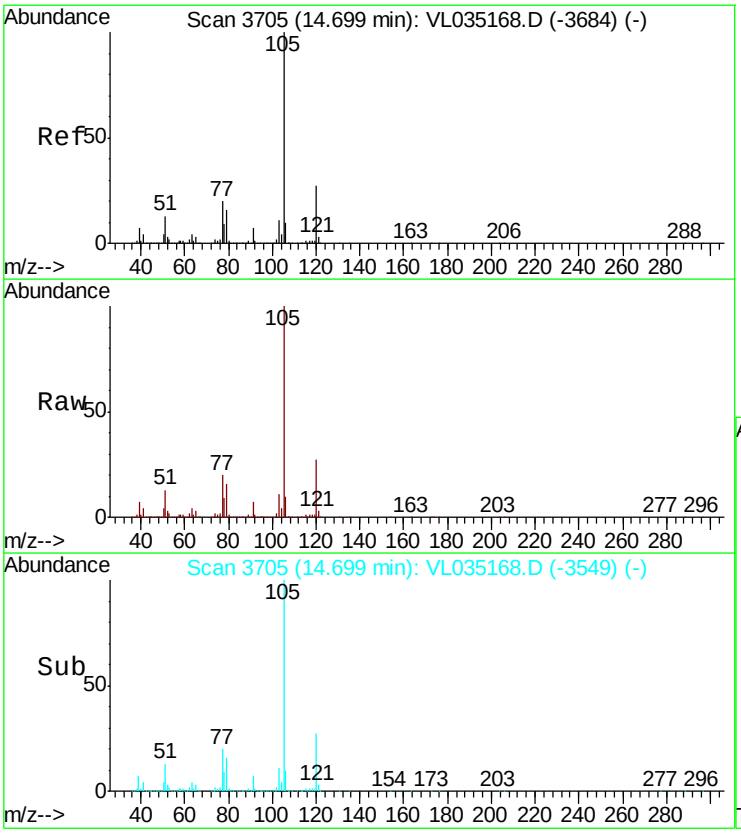
#61
Stvrene
Concen: 10.824 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 2178560

Ion	Ratio	Lower	Upper
104	100		
78	54.2	43.4	65.0
103	46.7	37.4	56.0

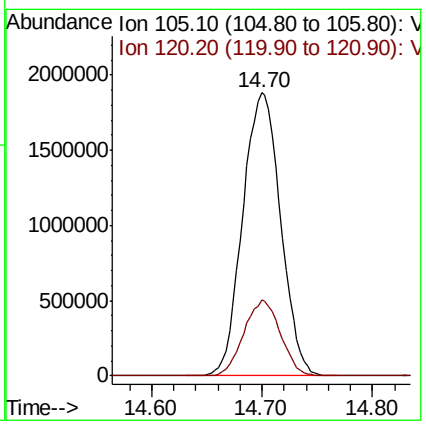


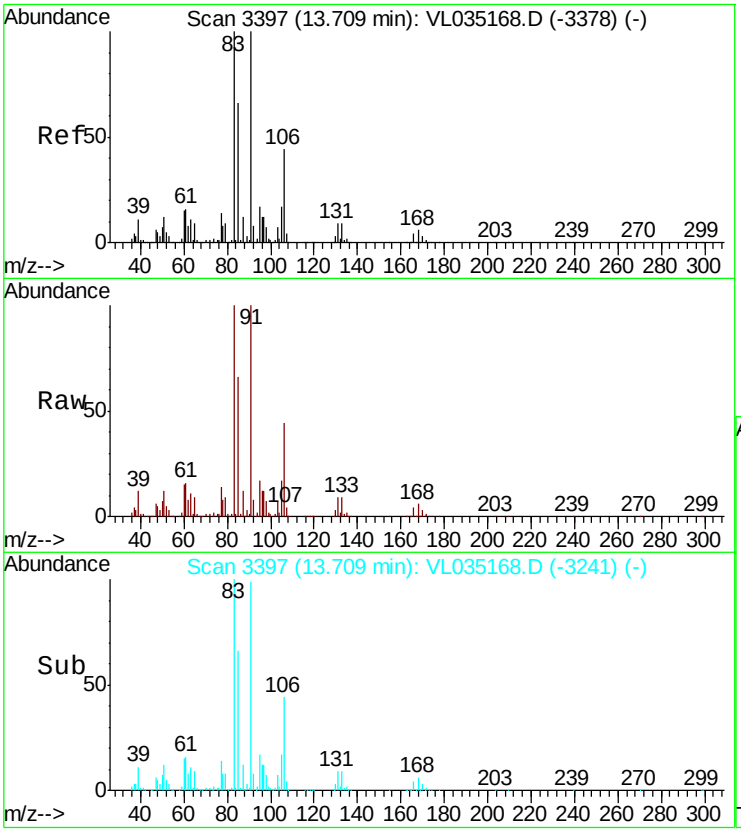


#62
Isopropylbenzene
Concen: 9.393 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:105 Resp: 4482304

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.7	31.1



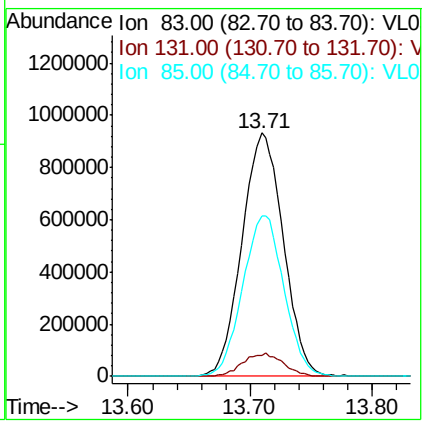


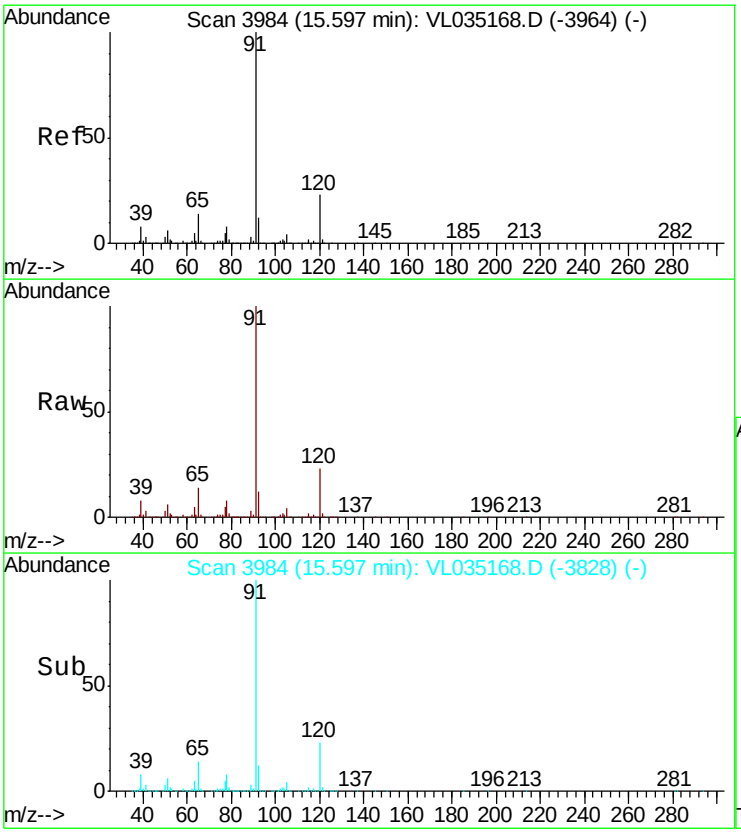
#63
1,1,2,2-Tetrachloroethane
Concen: 8.441 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 83 Resp: 2182433

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	66.1	33.0	99.0

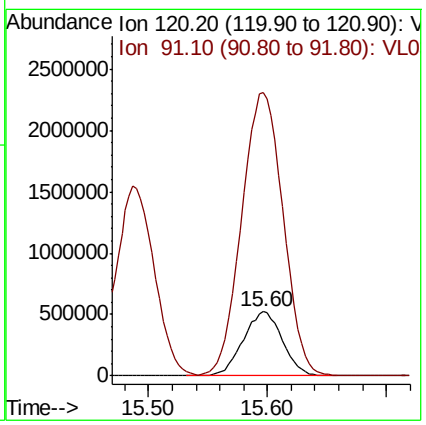


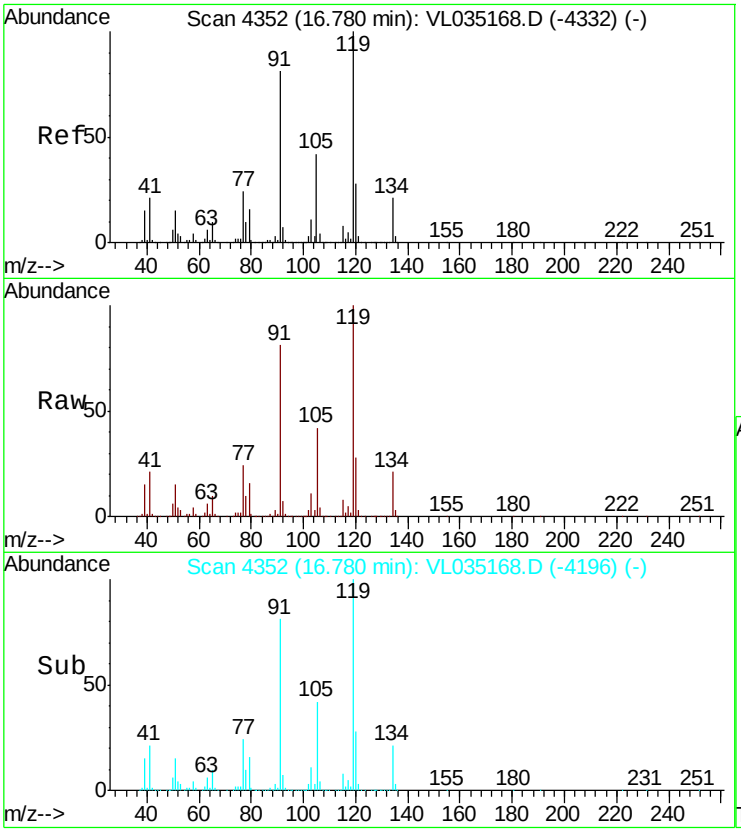


#64
n-propylbenzene
Concen: 9.833 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:120 Resp: 1198793

Ion	Ratio	Lower	Upper
120	100		
91	465.9	372.4	558.6



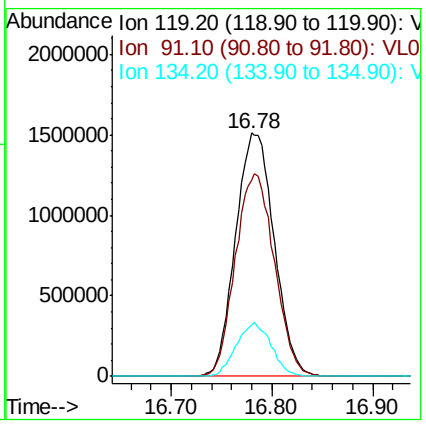


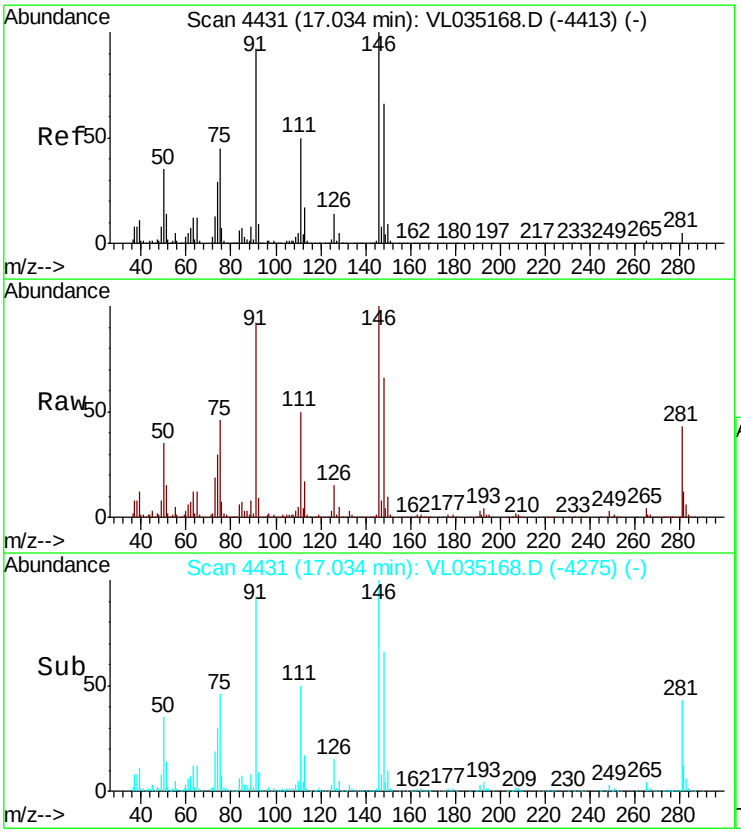
#65
tert-Butylbenzene
Concen: 9.753 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4013610

Ion	Ratio	Lower	Upper
119	100		
91	84.4	67.5	101.3
134	20.0	16.0	24.0

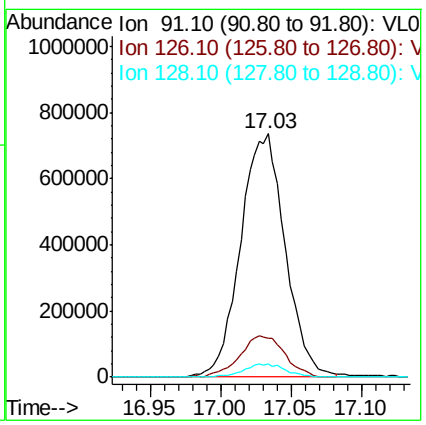


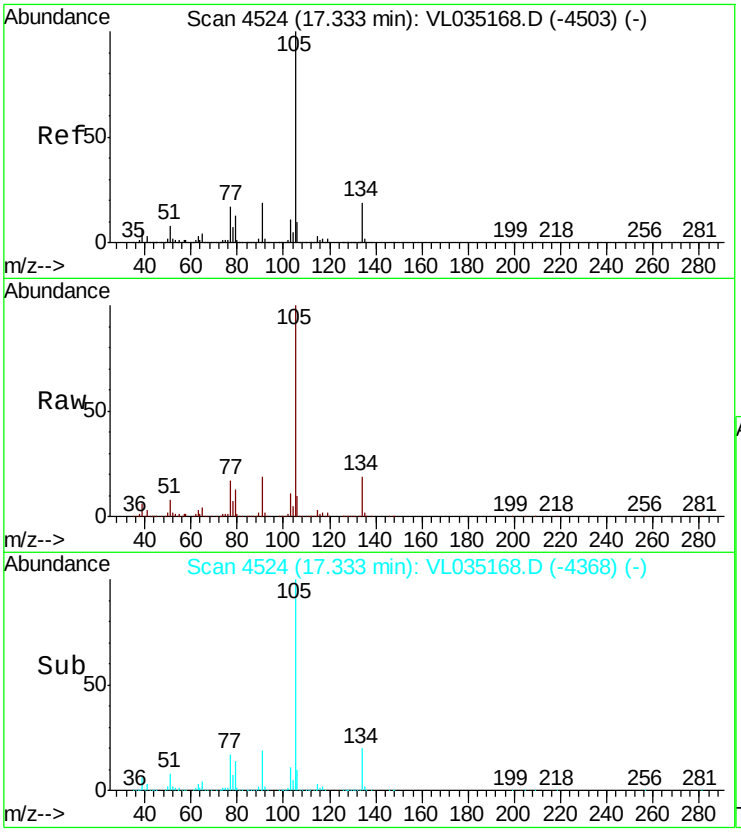


#66
Benzyl Chloride
Concen: 12.518 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 91 Resp: 1625662

Ion	Ratio	Lower	Upper
91	100		
126	17.4	13.9	20.9
128	5.3	4.2	6.4



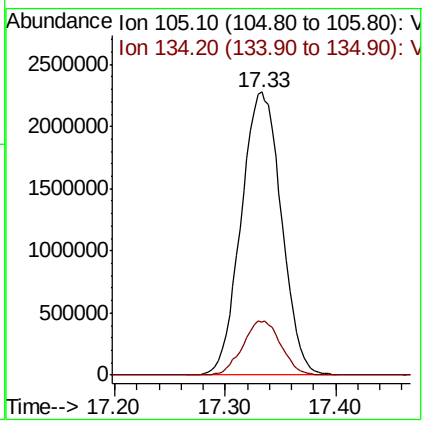


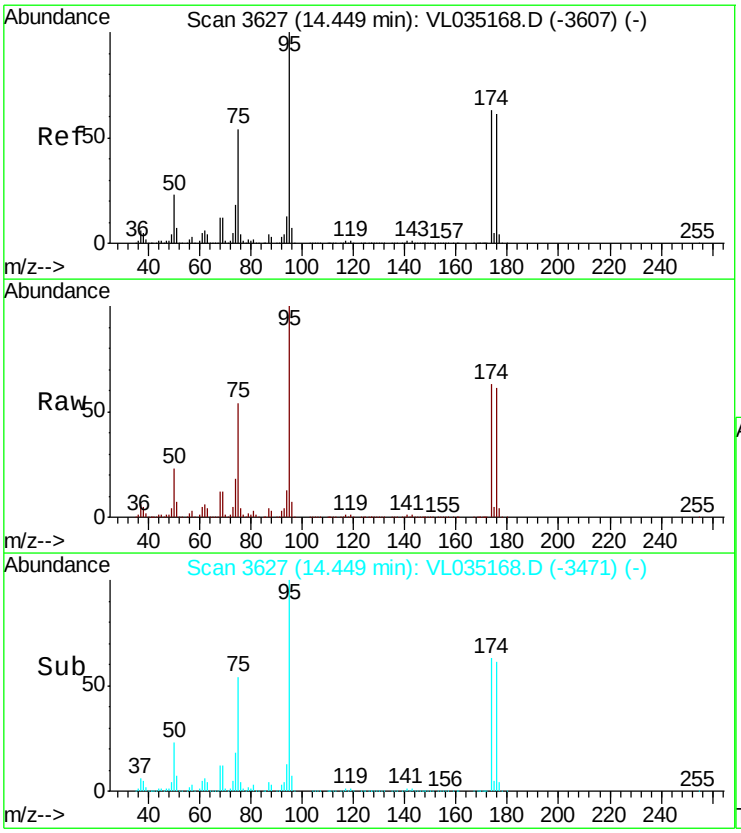
#67
sec-Butylbenzene
Concen: 9.751 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:105 Resp: 5763382

Ion	Ratio	Lower	Upper
105	100		
134	18.2	14.6	21.8

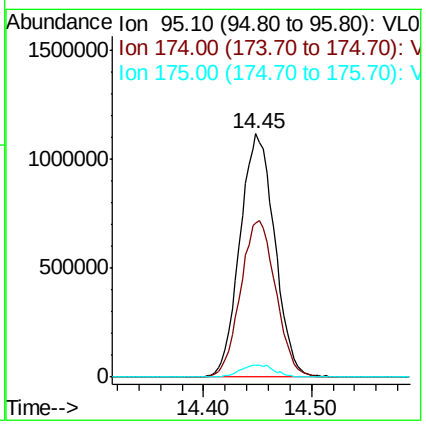


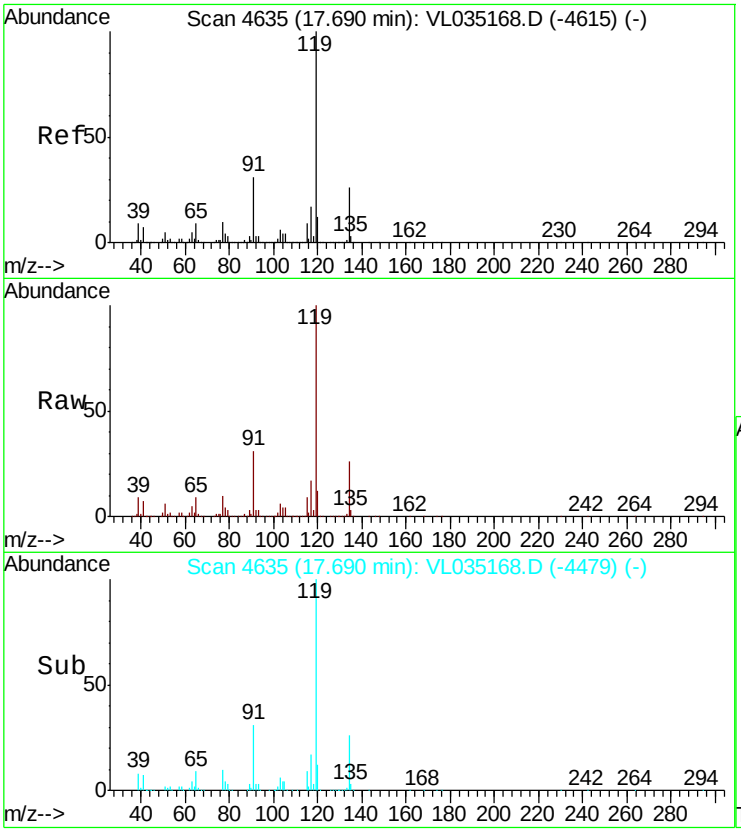


#68
1-Bromo-4-Fluorobenzene
Concen: 9.422 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 95 Resp: 2505568

Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.2	78.2
175	5.0	4.0	6.0



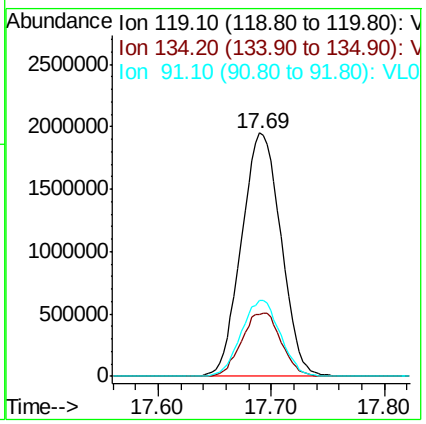


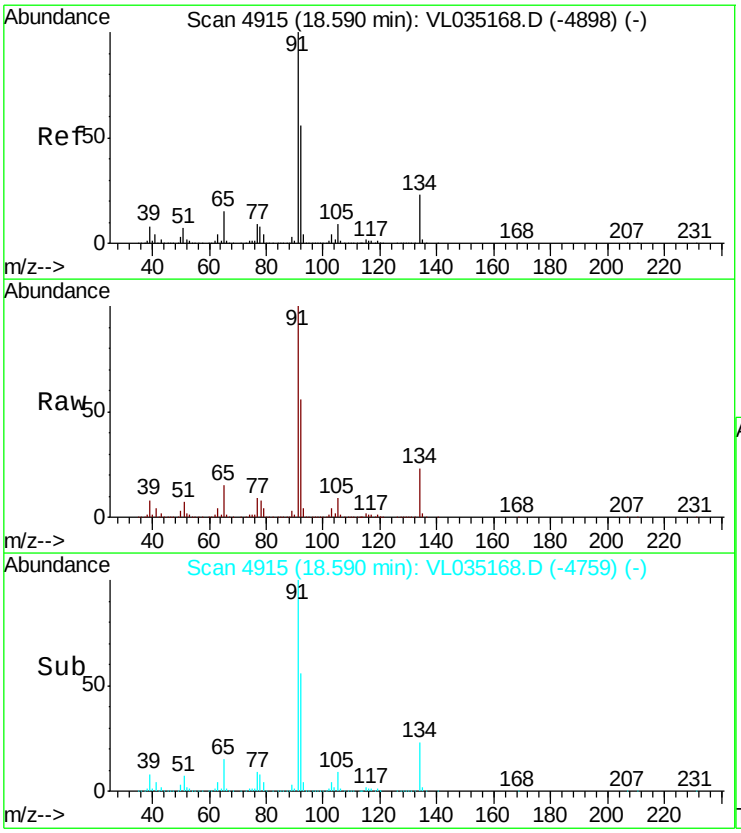
#69
p-Isopropyltoluene
Concen: 10.037 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4731560

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.8	31.2
91	31.1	24.9	37.3

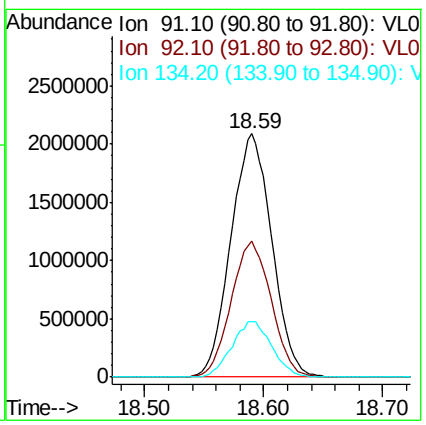


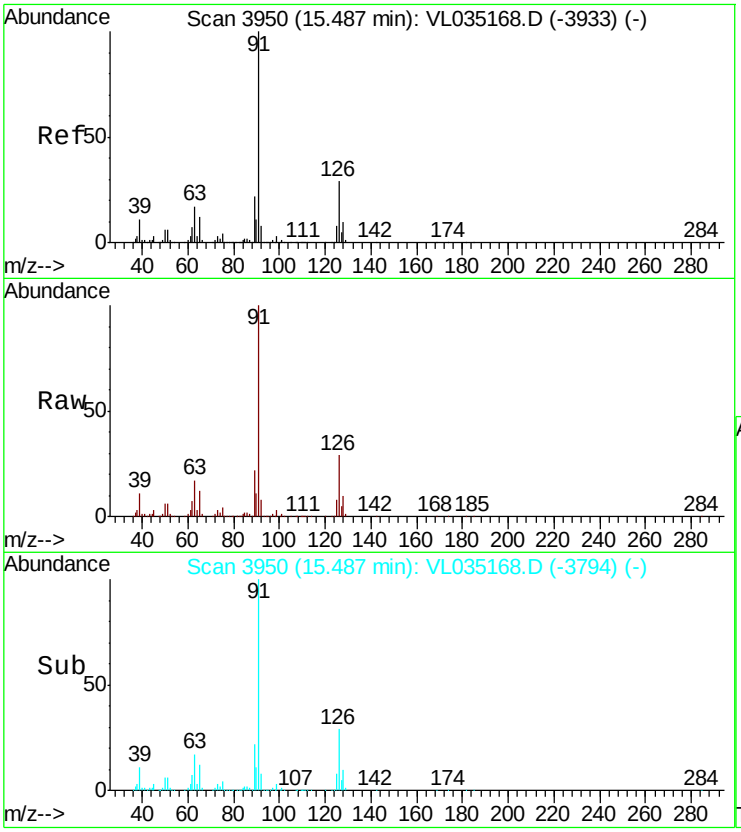


#70
n-Butylbenzene
Concen: 9.743 ppbv
RT: 18.59 min Scan# 4915
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion: 91 Resp: 4955124

Ion	Ratio	Lower	Upper
91	100		
92	55.1	44.0	66.0
134	22.5	18.0	27.0



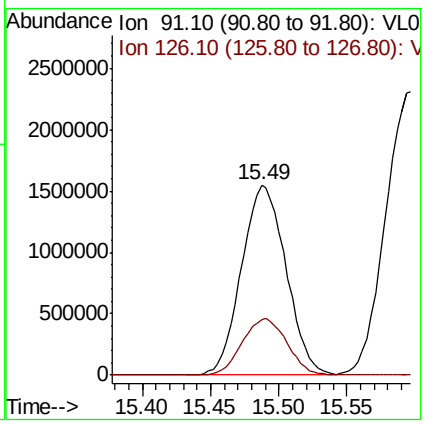


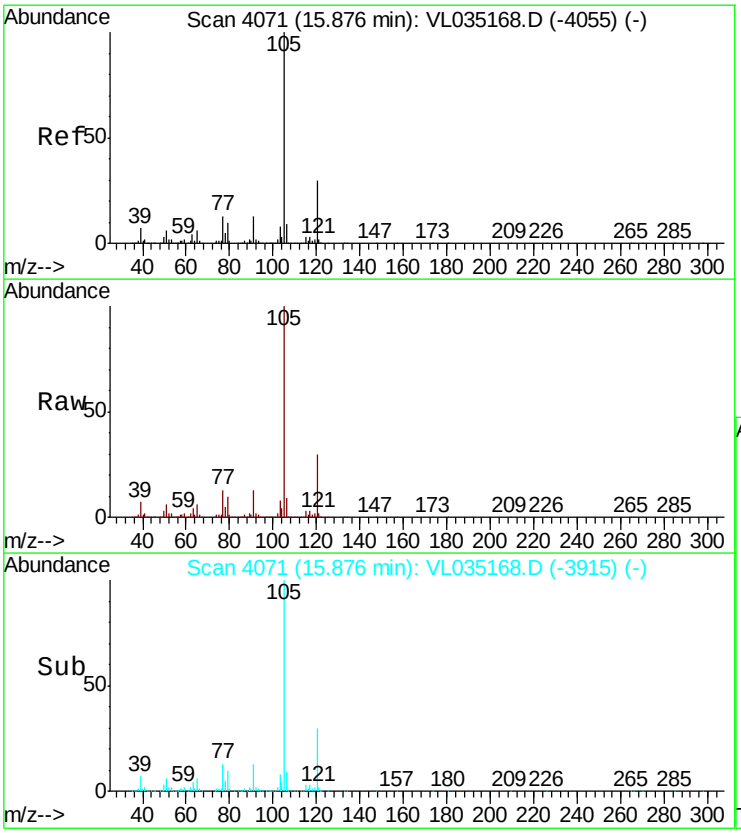
#71
2-Chlorotoluene
Concen: 9.706 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 3503327

Ion	Ratio	Lower	Upper
91	100		
126	30.0	12.0	48.0

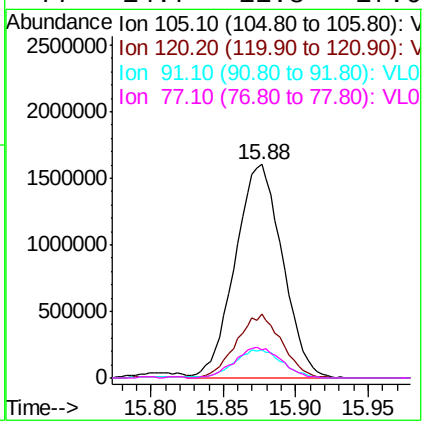


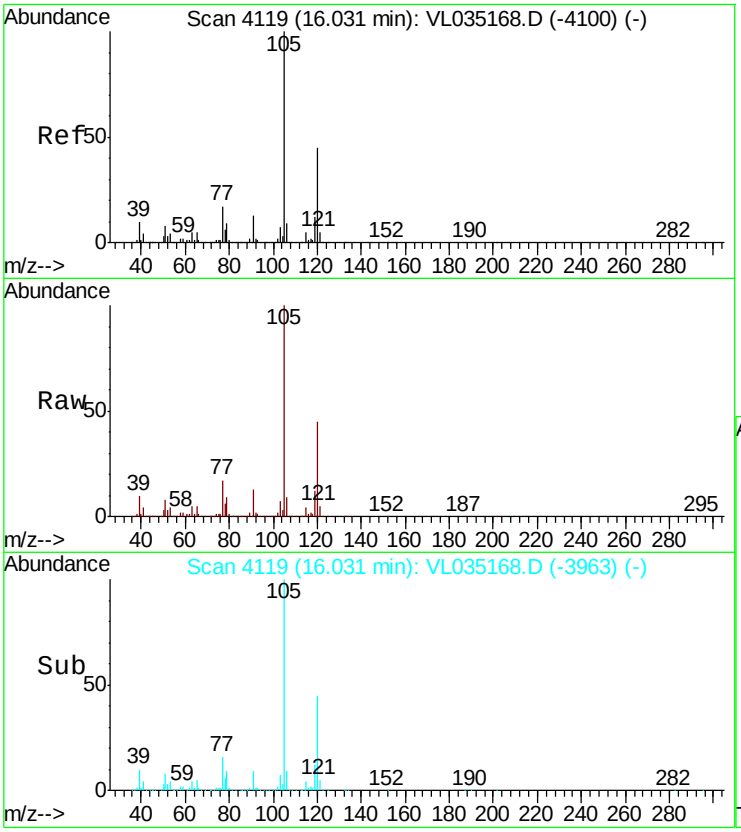


#72
4-Ethyltoluene
Concen: 10.134 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:105 Resp: 3618706

Ion	Ratio	Lower	Upper
105	100		
120	29.7	23.2	34.8
91	14.0	10.9	16.3
77	14.7	11.8	17.6



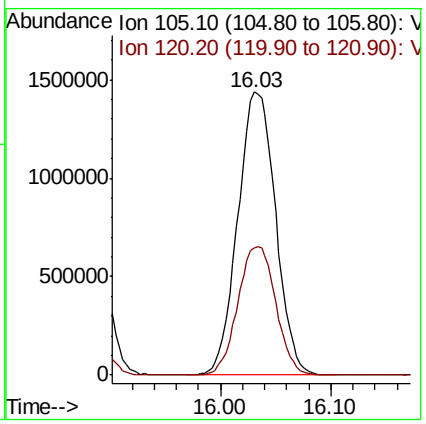


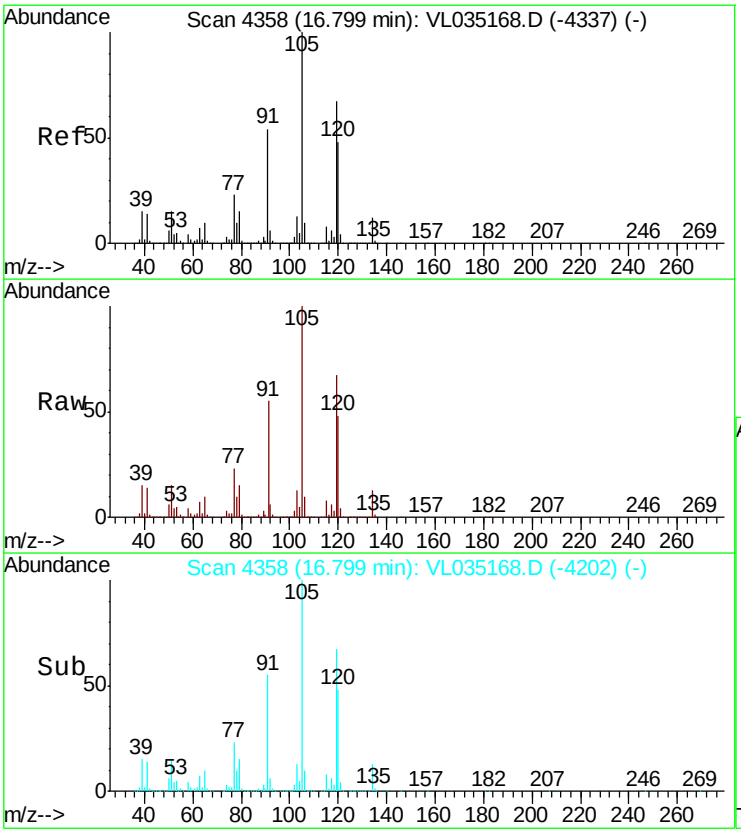
#73
1,3,5-Trimethylbenzene
Concen: 10.073 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 3412099

Ion	Ratio	Lower	Upper
105	100		
120	45.2	36.2	54.2

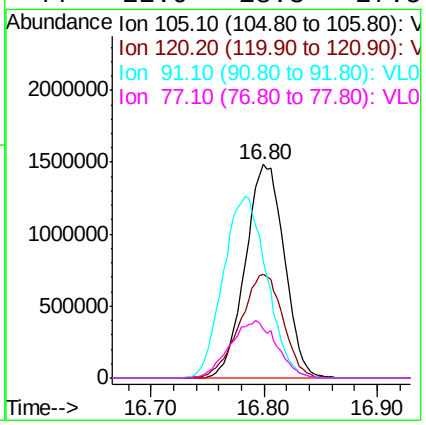


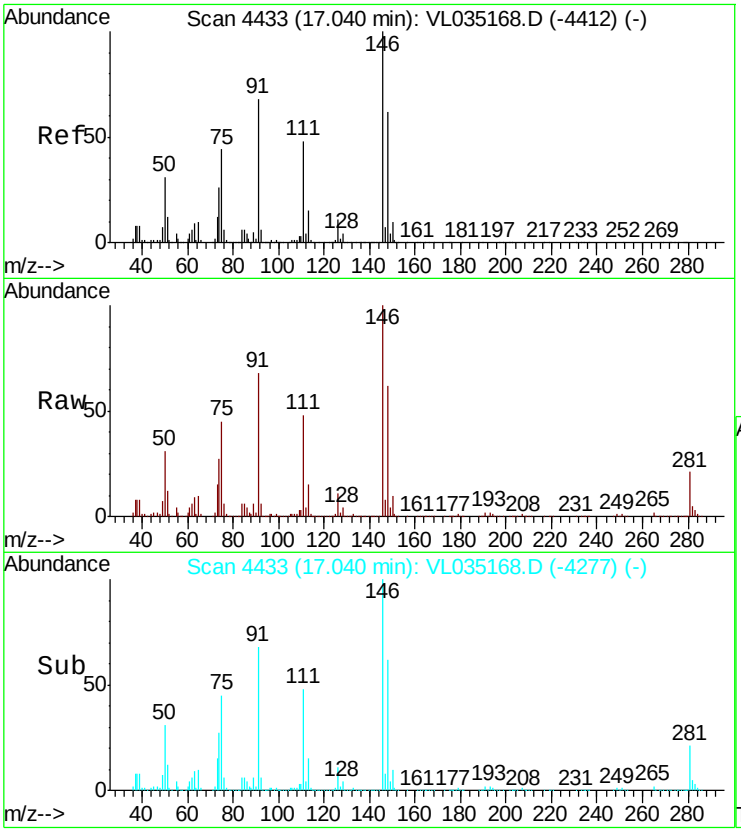


#74
1,2,4-Trimethylbenzene
Concen: 9.383 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:105 Resp: 3554819

Ion	Ratio	Lower	Upper
105	100		
120	48.2	38.6	57.8
91	54.5	43.6	65.4
77	22.9	18.3	27.5



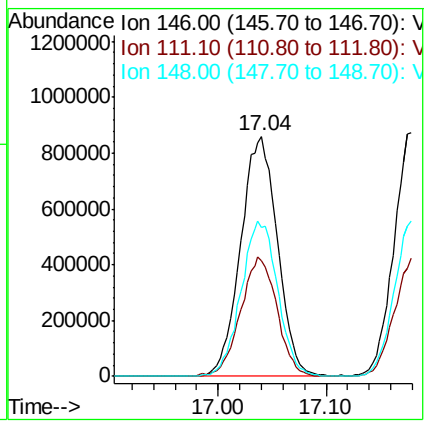


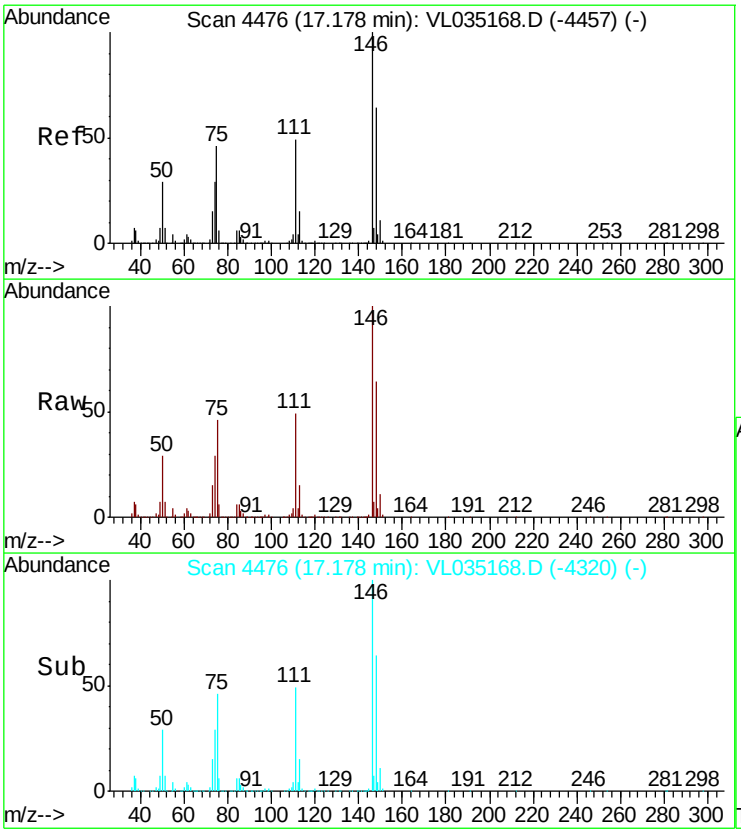
#75
1,3-Dichlorobenzene
Concen: 9.026 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2035410

Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.7	74.1
148	64.6	32.4	97.0

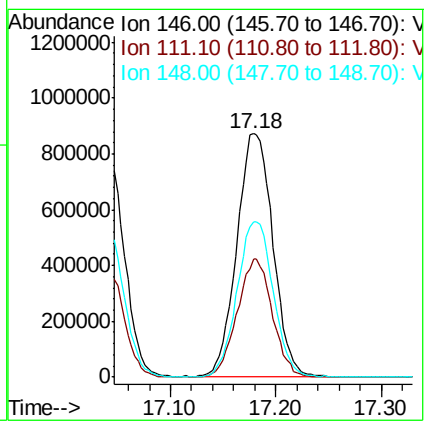


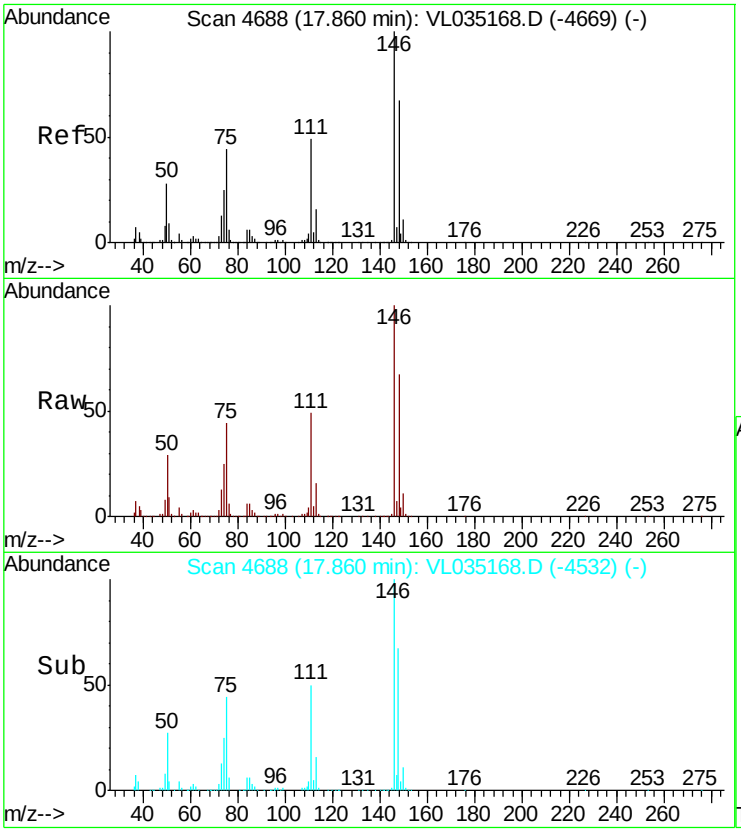


#76
1,4-Dichlorobenzene
Concen: 9.541 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:146 Resp: 2065759

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.8	71.2
148	64.6	32.3	96.9



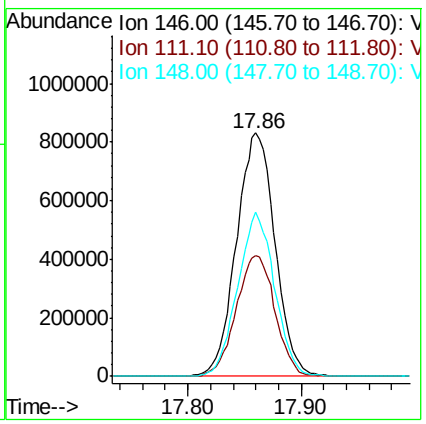


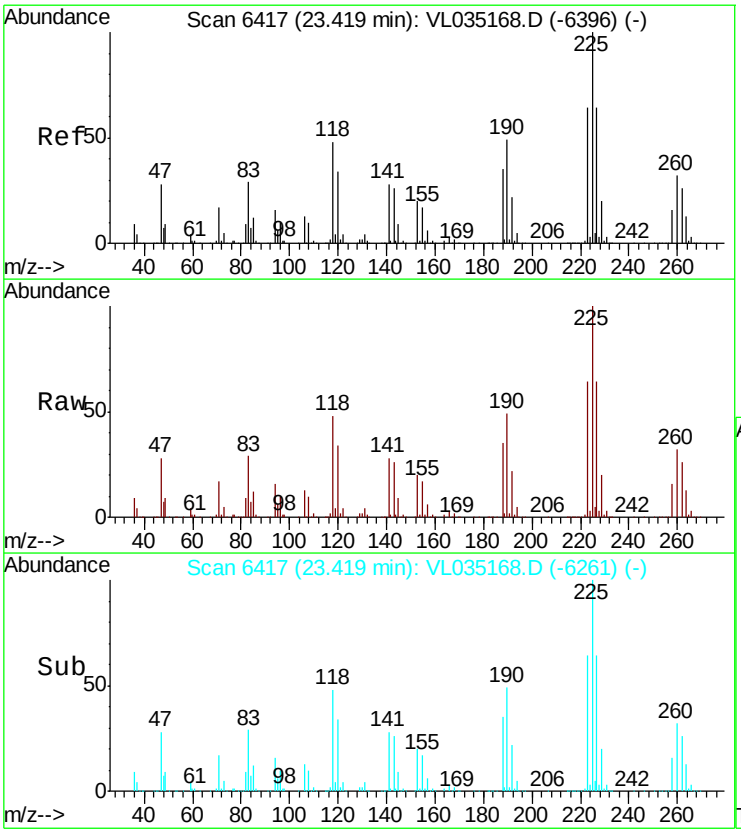
#77
1,2-Dichlorobenzene
Concen: 9.464 ppbv
RT: 17.86 min Scan# 4688
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1965616

Ion	Ratio	Lower	Upper
146	100		
111	50.1	25.1	75.2
148	64.7	32.4	97.0

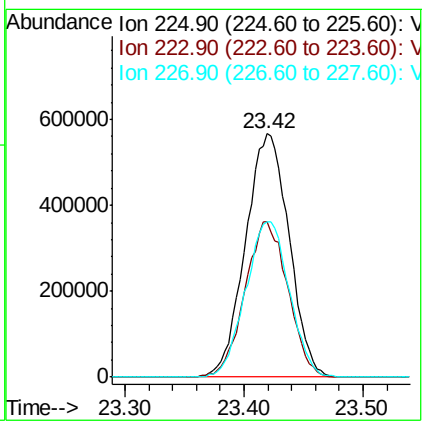


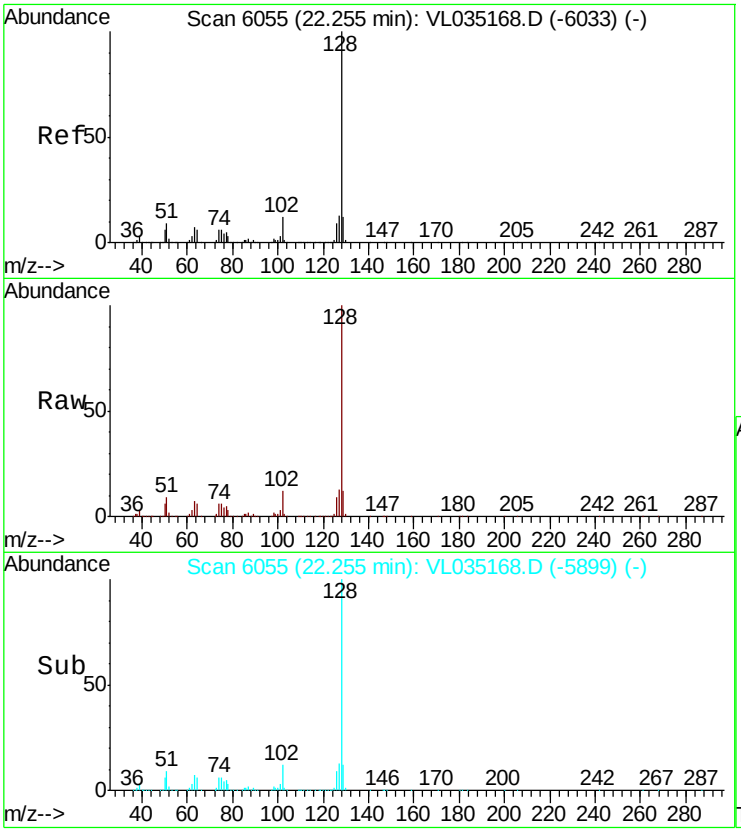


#78
Hexachloro-1,3-Butadiene
Concen: 7.858 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:225 Resp: 1436292

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	64.0	51.2	76.8



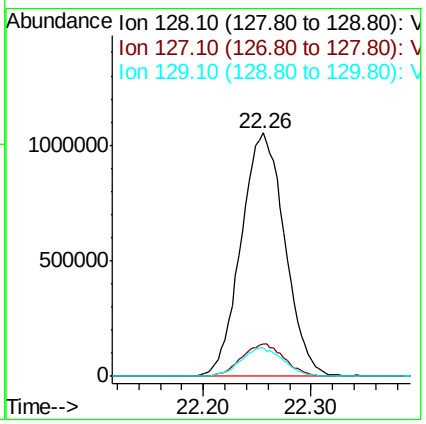


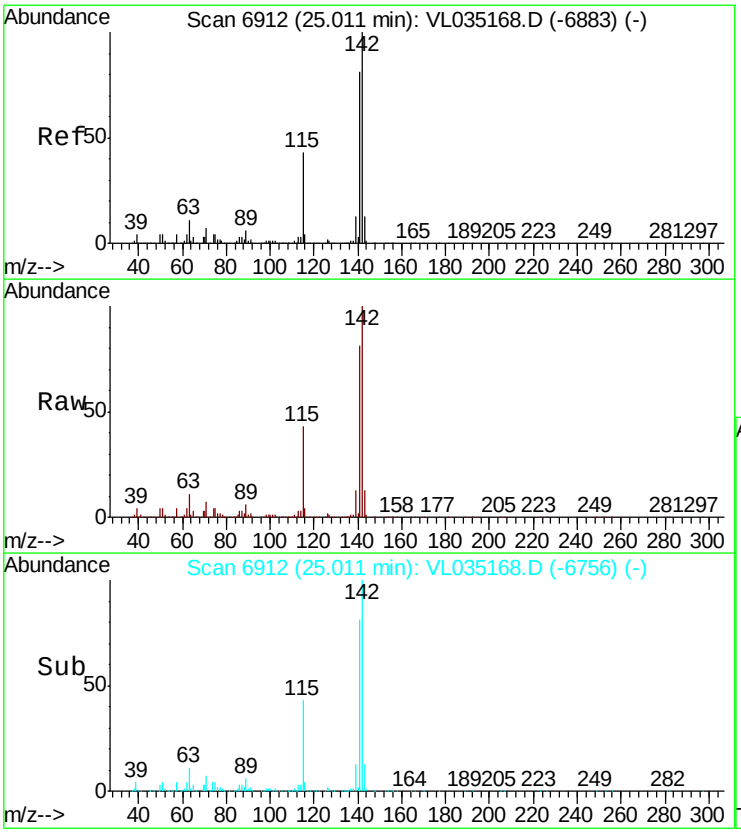
#79
Naphthalene
Concen: 9.180 ppbv
RT: 22.26 min Scan# 6055
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2962090

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.8	9.4	14.2

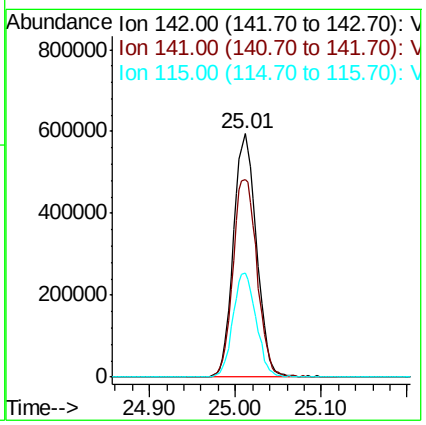


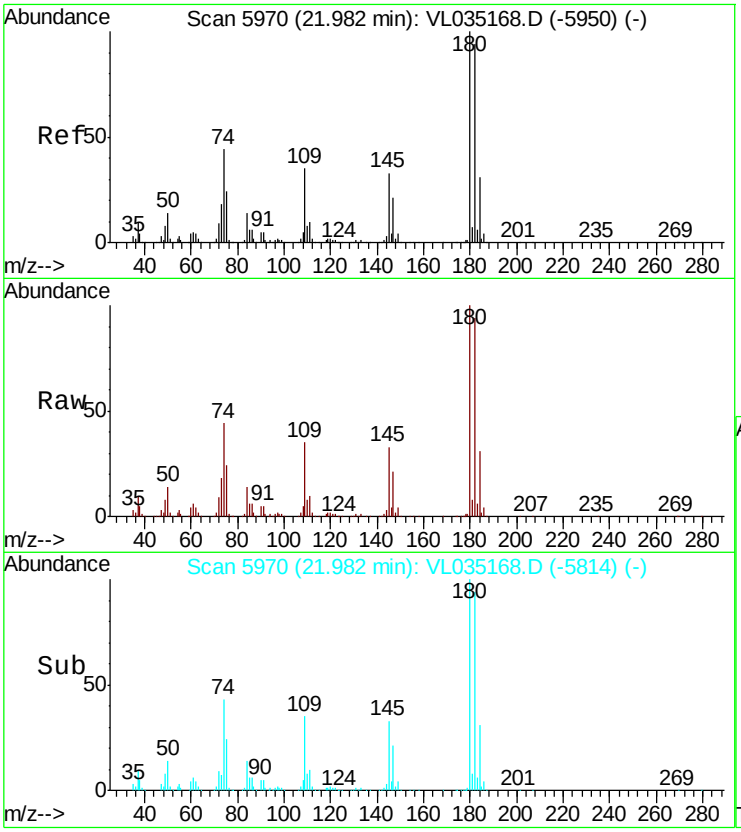


#80
Naphthalene,2-methyl-
Concen: 9.441 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Tgt Ion:142 Resp: 1107359

Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.2	102.4
115	43.0	34.4	51.6





#81
1,2,4-Trichlorobenzene
Concen: 8.750 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. 0.00 min
Lab File: VL035168.D
Acq: 8 Jul 2020 2:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1641890

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
184	31.4	25.0	37.6