Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035170.D
Acq On : 8 Jul 2020 3:56
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Jul 08 06:20:18 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	1271991	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3092648	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2862795	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2337461	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	213264	1.238	ppbv	96
3) Chlorodifluoromethane	2.94	51	158481	1.138	ppbv	96
4) Chloromethane	3.10	50	85369	1.097	ppbv	90
5) Vinyl Chloride	3.21	62	81896	1.097	ppbv	96
6) Bromomethane	3.43	94	50128	1.074	ppbv	100
7) Chloroethane	3.52	64	32341	1.141	ppbv	91
8) Dichlorotetrafluoroethane	3.14	85	217786	1.181	ppbv	97
9) Propene	2.96	41	57609	1.051	ppbv	99
10) Heptane	8.13	43	134308	0.941	ppbv	99
11) Trichlorofluoromethane	3.92	101	220838	1.190	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.45	101	153551	1.195	ppbv	99
13) Ethanol	3.57	45	21745	1.070	ppbv	98
14) Bromoethene	3.70	108	62145	1.129	ppbv	98
15) Acetone	3.82	43	199751	1.292	ppbv	95
16) 1,3-Butadiene	3.29	39	65295	0.974	ppbv	92
17) tert-Butyl alcohol	4.26	59	70257	0.511	ppbv #	72
18) 1,1-Dichloroethene	4.25	96	66091	1.142	ppbv #	92
19) Isopropyl Alcohol	3.94	45	71981	0.724	ppbv #	87
20) Methylene Chloride	4.31	84	90336	1.435	ppbv	94
21) Allyl Chloride	4.38	41	103074	1.125	ppbv	96
22) trans-1,2-Dichloroethene	4.86	96	66848	1.224	ppbv	98
23) Vinyl Acetate	5.05	43	205061	1.108	ppbv	98
24) 1,1-Dichloroethane	4.99	63	174071	1.109	ppbv	99
25) Ethyl Acetate	5.66	43	287991	1.043	ppbv	99
26) Hexane	5.67	57	124814	1.001	ppbv	95
27) Carbon Disulfide	4.53	76	174679	1.313	ppbv #	91
28) Methyl tert-Butyl Ether	5.02	73	189765	1.081	ppbv	98
29) Chloroform	5.74	83	215905	1.105	ppbv	98
30) Cyclohexane	7.13	84	80115	0.898	ppbv	92
31) cis-1,2-Dichloroethene	5.53	61	61875	0.542	ppbv	92
32) 1,1,1-Trichloroethane	6.50	97	197174	1.083	ppbv	97
34) 2-Butanone	5.23	43	173788	0.993	ppbv	98
35) Carbon Tetrachloride	7.02	117	67061	0.360	ppbv	97
36) Benzene	6.89	78	230668	0.974	ppbv	93
37) 1,2-Dichloroethane	6.29	62	159661	1.060	ppbv	100
38) Trichloroethene	7.83	130	88686	0.956	ppbv	91
39) 1,2-Dichloropropane	7.62	63	90969	0.985	ppbv	99
40) 1,4-Dioxane	7.85	88	16010	0.428	ppbv #	1
41) Tetrahydrofuran	6.05	42	77542	0.870	ppbv	99
42) Bromodichloromethane	7.79	83	202709	1.035	ppbv	98
43) Methyl Methacrylate	8.02	69	54137	0.540	ppbv #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035170.D
Acq On : 8 Jul 2020 3:56
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Jul 08 06:20:18 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	405866	0.981 ppbv		99
45) t-1,3-Dichloropropene	9.29	75	88467	0.904 ppbv		93
46) cis-1,3-Dichloropropene	8.71	75	102566	0.845 ppbv		91
47) 1,1,2-Trichloroethane	9.49	97	99508	0.980 ppbv		88
48) Dibromochloromethane	10.32	129	159048	1.043 ppbv		99
49) Bromoform	13.06	173	60475	0.465 ppbv	#	21
50) 4-Methyl-2-Pentanone	8.75	43	244461	0.975 ppbv		96
51) 2-Hexanone	10.16	43	167801	0.858 ppbv	#	96
52) Tetrachloroethene	11.25	164	78502	0.935 ppbv	#	87
53) Toluene	9.82	91	229227	0.905 ppbv		98
54) 1,2-Dibromoethane	10.63	107	94474	0.627 ppbv		92
56) 1,1,1,2-Tetrachloroethane	12.15	131	139424	1.176 ppbv	#	1
57) Chlorobenzene	12.17	112	224597	1.063 ppbv	#	94
58) Ethyl Benzene	12.73	91	324465	1.003 ppbv		90
59) m/p-Xylene	13.02	91	287025	1.001 ppbv	#	31
60) o-Xylene	13.72	91	294342	1.029 ppbv		99
61) Styrene	13.55	104	159717	0.887 ppbv		96
62) Isopropylbenzene	14.69	105	440737	1.032 ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.71	83	236926	1.024 ppbv		98
64) n-propylbenzene	15.59	120	43870	0.402 ppbv	#	1
65) tert-Butylbenzene	16.78	119	398909	1.083 ppbv		97
66) Benzyl Chloride	17.03	91	122827	1.057 ppbv	#	90
67) sec-Butylbenzene	17.33	105	601798	1.138 ppbv		99
69) p-Isopropyltoluene	17.68	119	440405	1.044 ppbv		97
70) n-Butylbenzene	18.58	91	487499	1.071 ppbv		96
71) 2-Chlorotoluene	15.49	91	321192	0.995 ppbv		98
72) 4-Ethyltoluene	15.87	105	157191	0.492 ppbv	#	54
73) 1,3,5-Trimethylbenzene	16.02	105	169227	0.558 ppbv		92
74) 1,2,4-Trimethylbenzene	16.79	105	202742	0.598 ppbv		96
75) 1,3-Dichlorobenzene	17.03	146	232777	1.154 ppbv		97
76) 1,4-Dichlorobenzene	17.18	146	104461	0.539 ppbv	#	22
77) 1,2-Dichlorobenzene	17.86	146	83044	0.447 ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.42	225	171798	1.051 ppbv		97
79) Naphthalene	22.26	128	110763	0.384 ppbv	#	88
80) Naphthalene,2-methyl-	25.01	142	16099	0.153 ppbv	#	89
81) 1,2,4-Trichlorobenzene	21.97	180	37964	0.226 ppbv	#	12

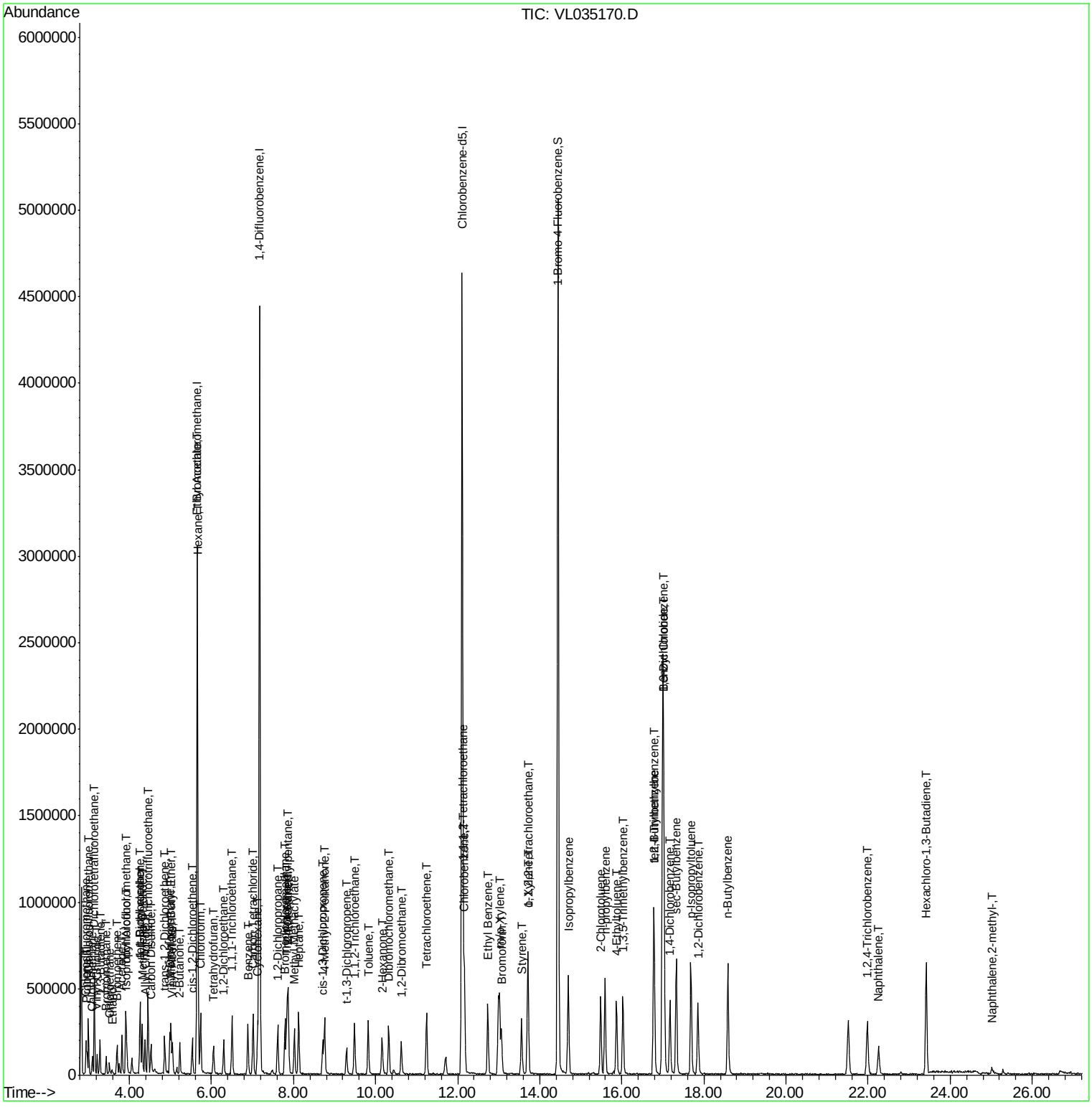
(#) = qualifier out of range (m) = manual integration (+) = signals summed

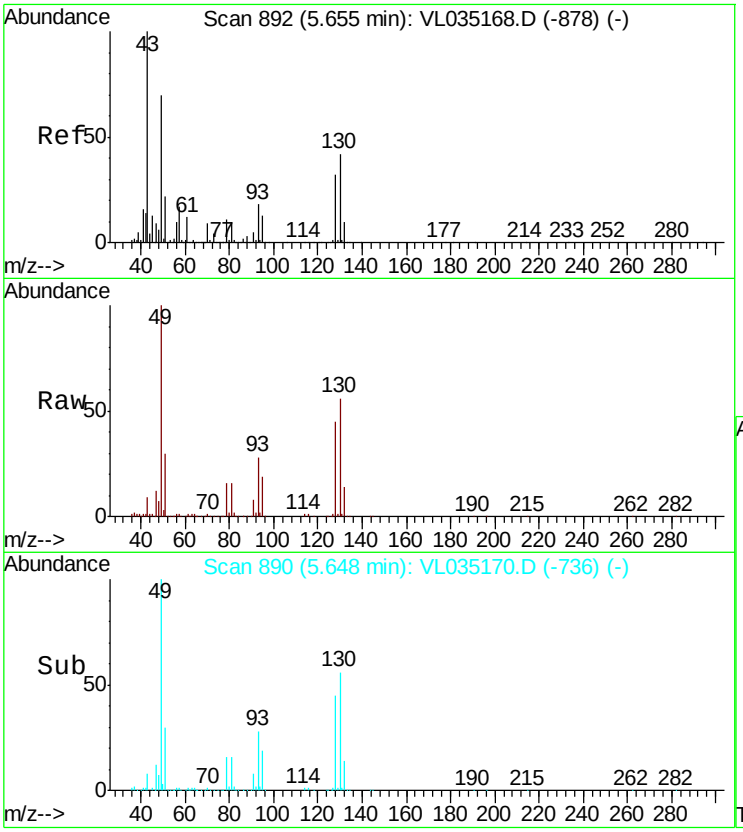
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035170.D
Acq On : 8 Jul 2020 3:56
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Jul 08 06:20:18 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



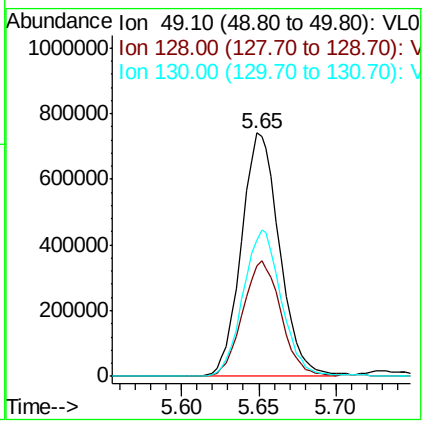


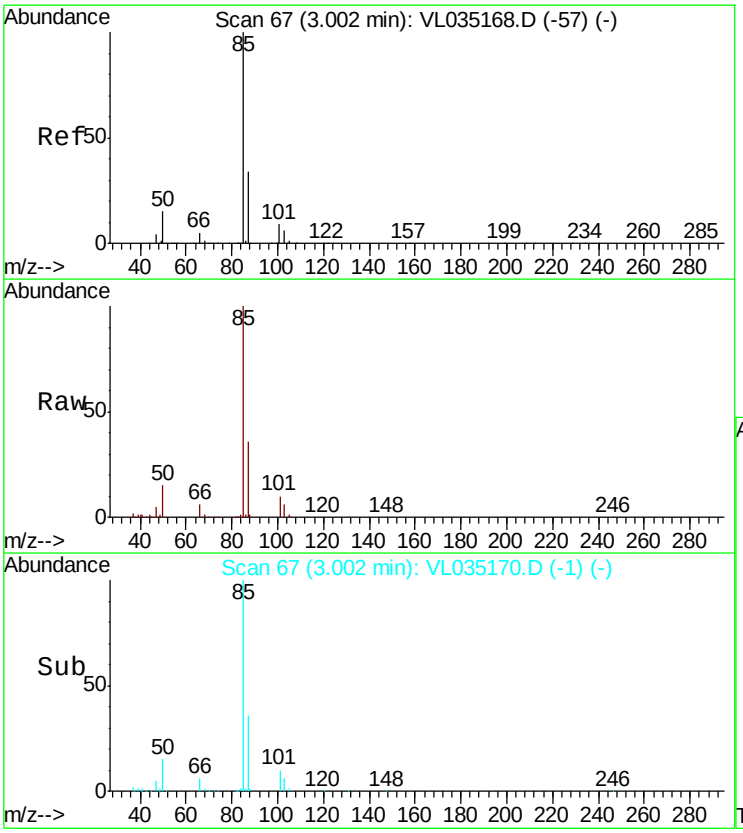
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1271991

Ion	Ratio	Lower	Upper
49	100		
128	48.6	23.8	71.4
130	61.1	29.9	89.8

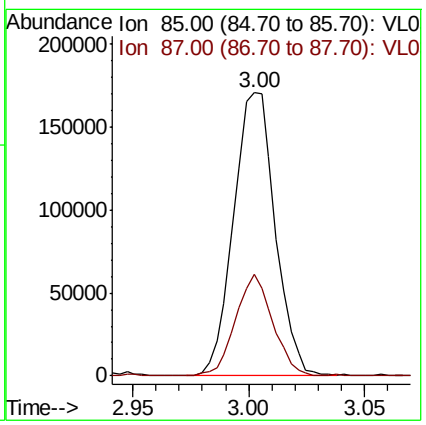


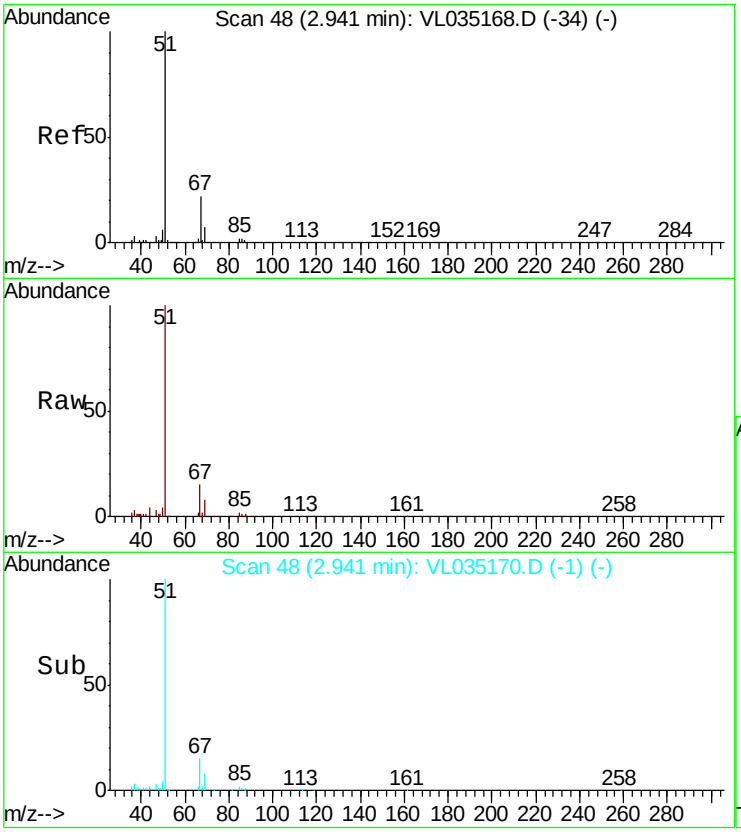


#2
Dichlorodifluoromethane
Concen: 1.238 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 85 Resp: 213264

Ion	Ratio	Lower	Upper
85	100		
87	35.9	27.0	40.6

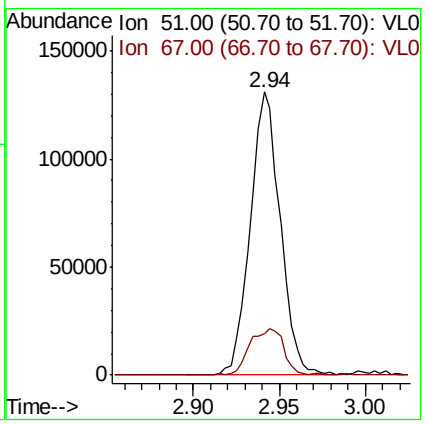




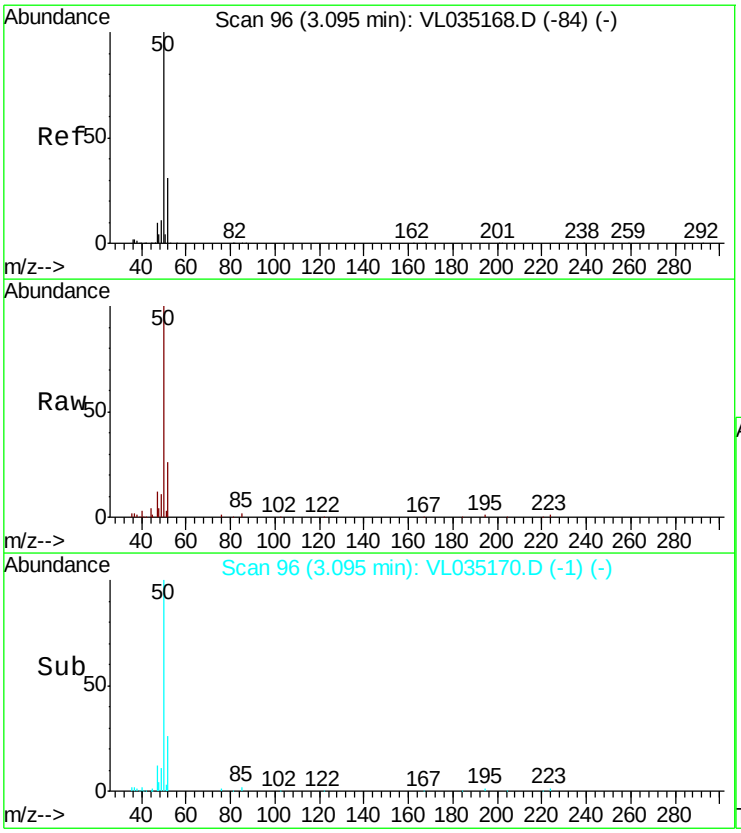
#3
Chlorodifluoromethane
Concen: 1.138 ppbv
RT: 2.94 min Scan# 48
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 51 Resp: 158481

Ion	Ratio	Lower	Upper
51	100		
67	18.9	16.6	24.8



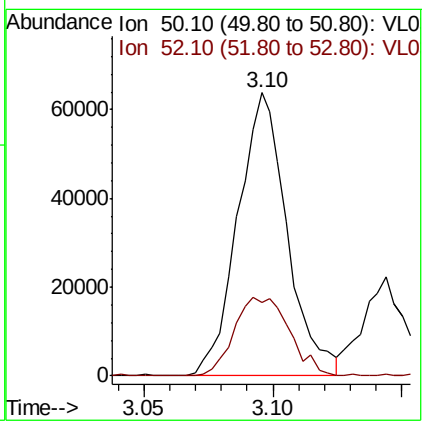
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

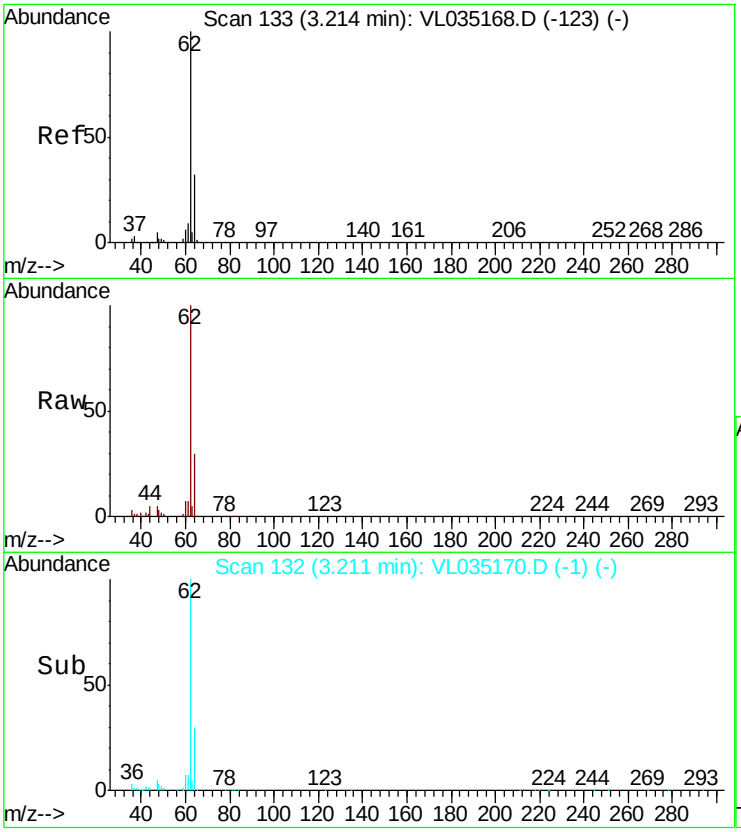


#4
Chloromethane
Concen: 1.097 ppbv
RT: 3.10 min Scan# 96
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 50 Resp: 85369

Ion	Ratio	Lower	Upper
50	100		
52	25.9	25.0	37.6



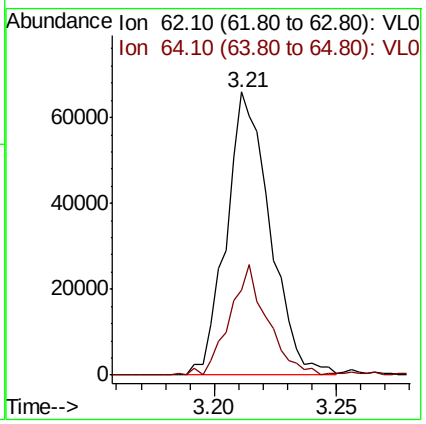


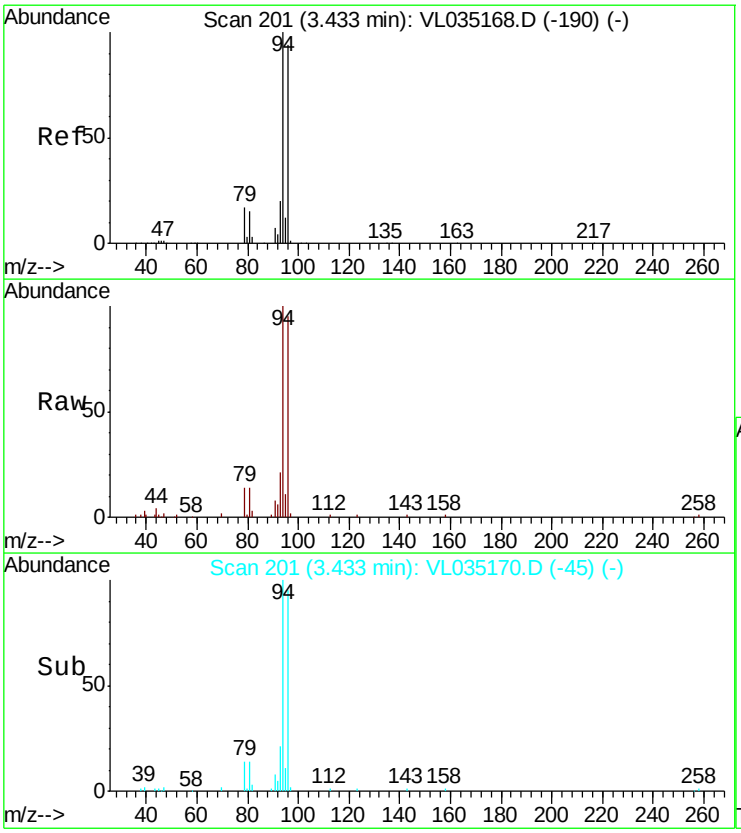
#5
Vinyl Chloride
Concen: 1.097 ppbv
RT: 3.21 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 62 Resp: 81896

Ion	Ratio	Lower	Upper
62	100		
64	30.2	25.9	38.9

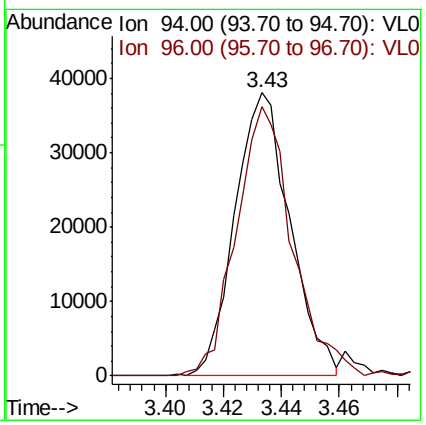


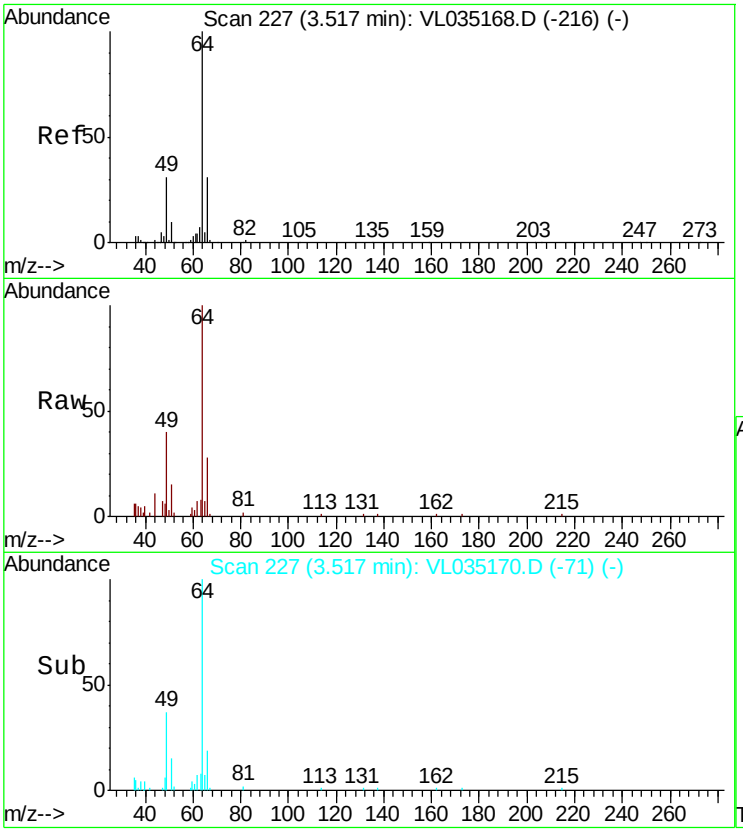


#6
Bromomethane
Concen: 1.074 ppbv
RT: 3.43 min Scan# 201
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 94 Resp: 50128

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.8	112.2



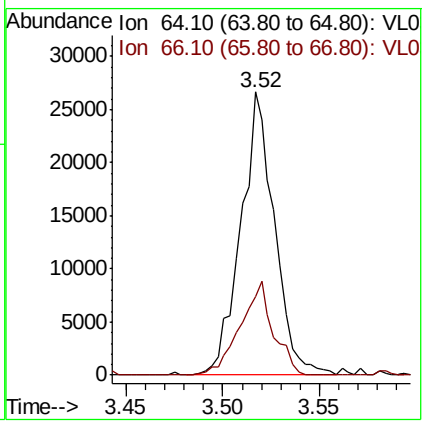


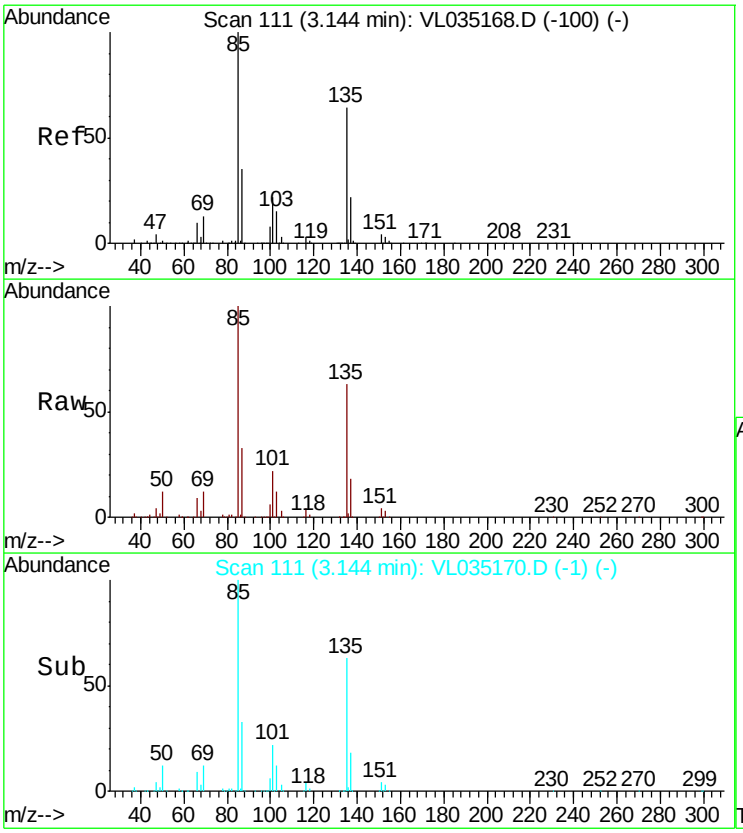
#7
Chloroethane
Concen: 1.141 ppbv
RT: 3.52 min Scan# 227
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 32341

Ion	Ratio	Lower	Upper
64	100		
66	25.9	24.6	36.8

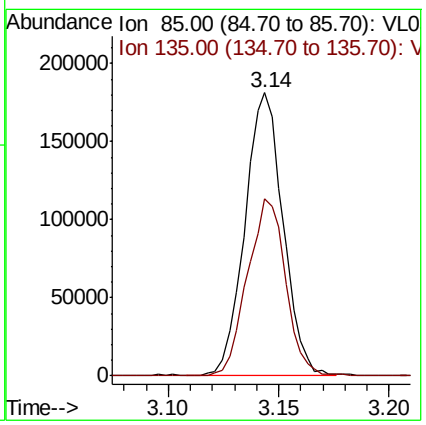


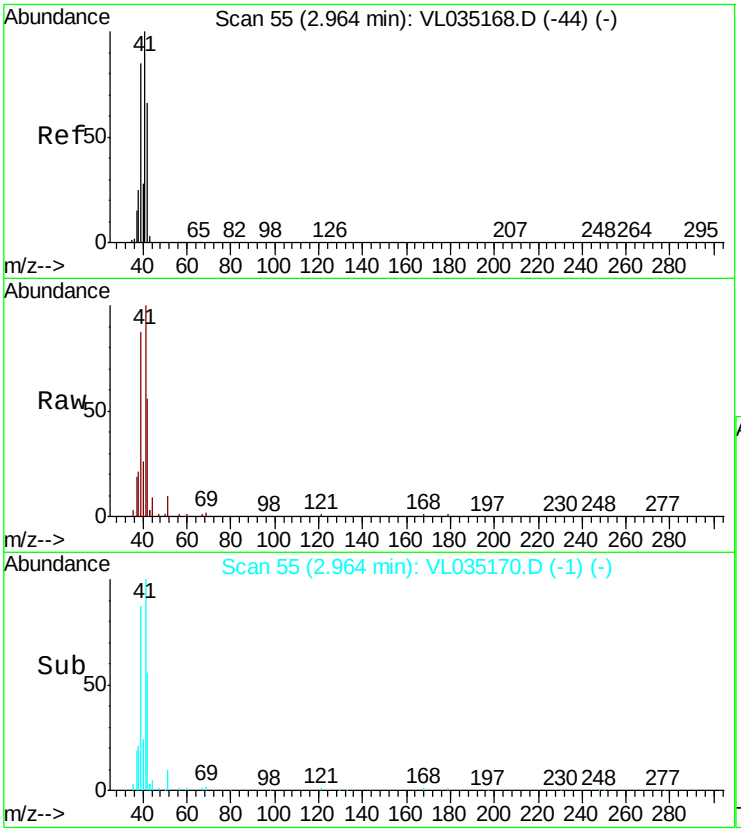


#8
Dichlorotetrafluoroethane
Concen: 1.181 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 85 Resp: 217786

Ion	Ratio	Lower	Upper
85	100		
135	62.4	52.1	78.1



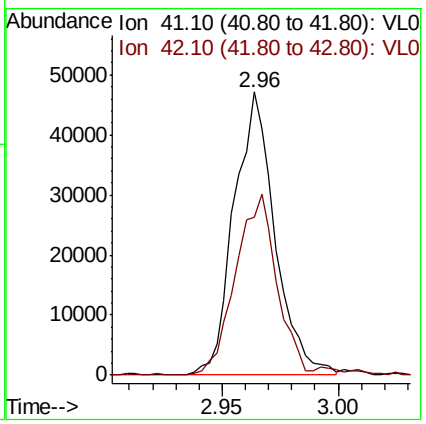


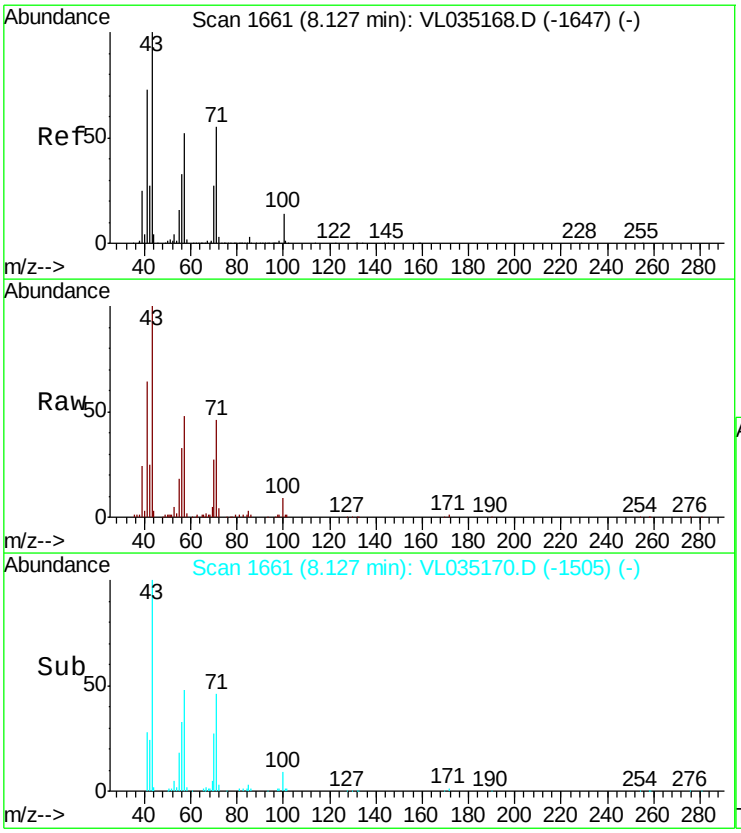
#9
Propene
Concen: 1.051 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 57609

Ion	Ratio	Lower	Upper
41	100		
42	67.1	54.6	81.8

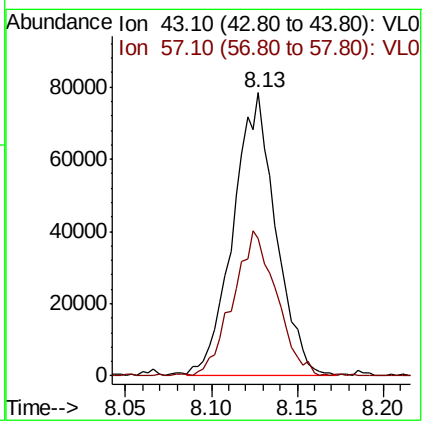


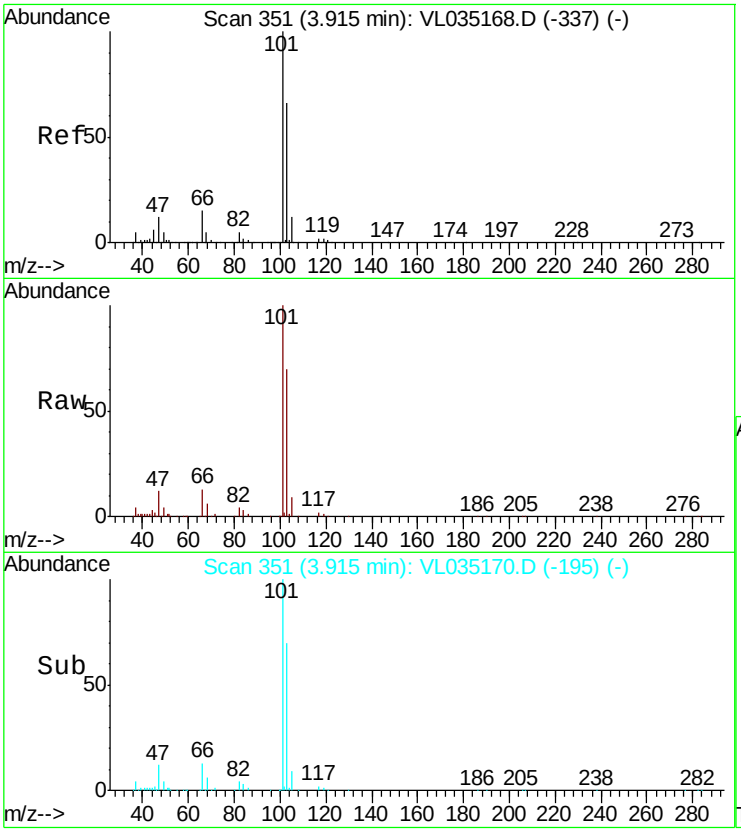


#10
Heptane
Concen: 0.941 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 43 Resp: 134308

Ion	Ratio	Lower	Upper
43	100		
57	52.8	41.8	62.6



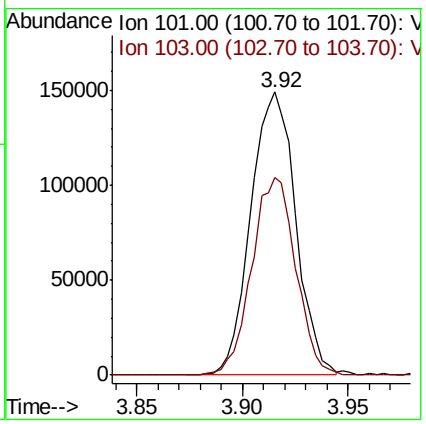


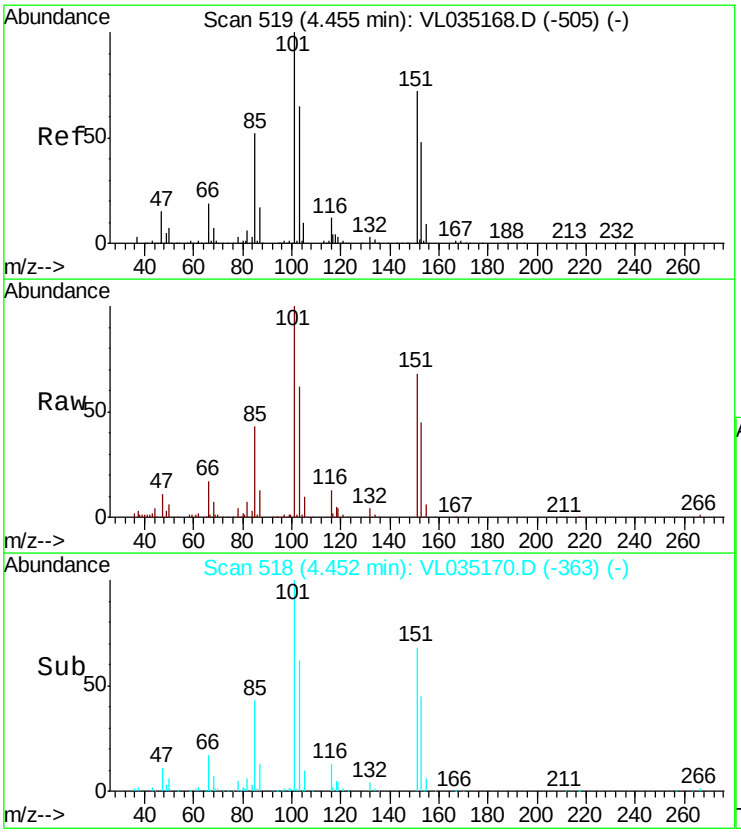
#11
Trichlorofluoromethane
Concen: 1.190 ppbv
RT: 3.92 min Scan# 351
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 220838

Ion	Ratio	Lower	Upper
101	100		
103	69.7	53.1	79.7

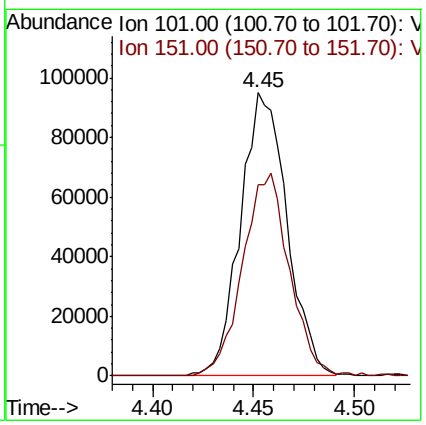


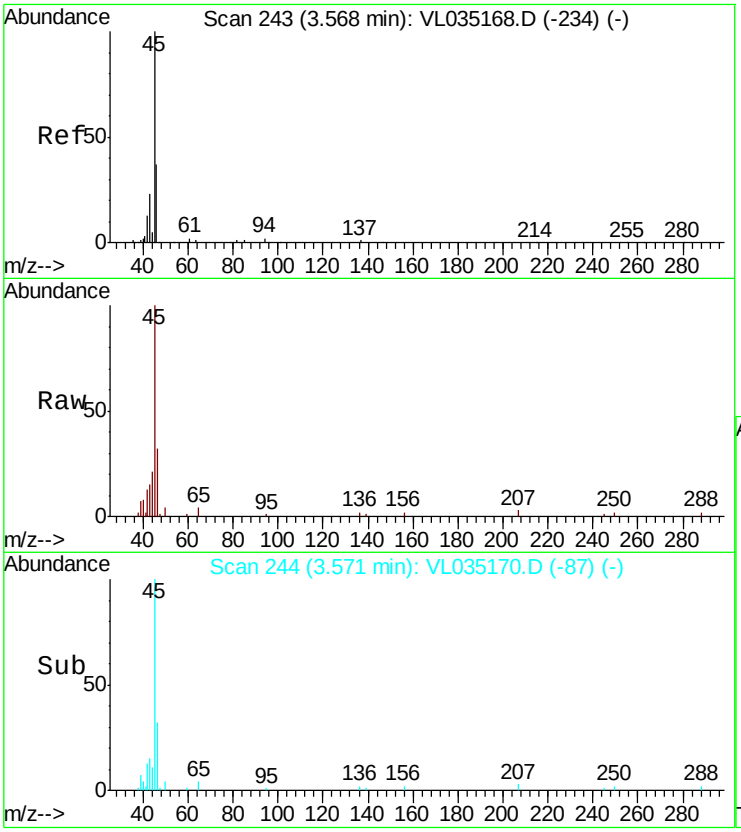


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.195 ppbv
RT: 4.45 min Scan# 518
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:101 Resp: 153551

Ion	Ratio	Lower	Upper
101	100		
151	71.7	57.0	85.4



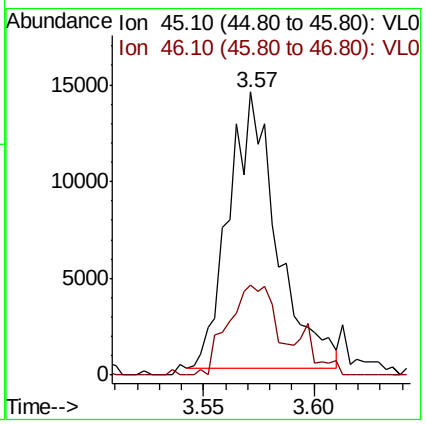


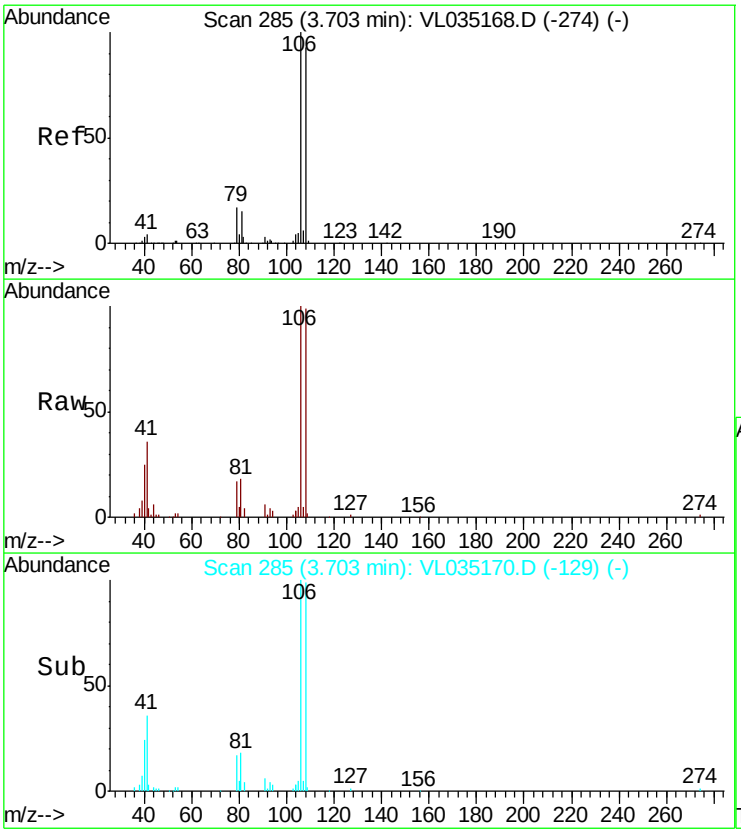
#13
Ethanol
Concen: 1.070 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 21745

Ion	Ratio	Lower	Upper
45	100		
46	39.5	16.2	65.0

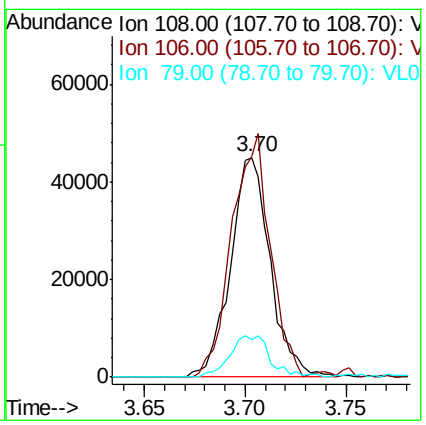


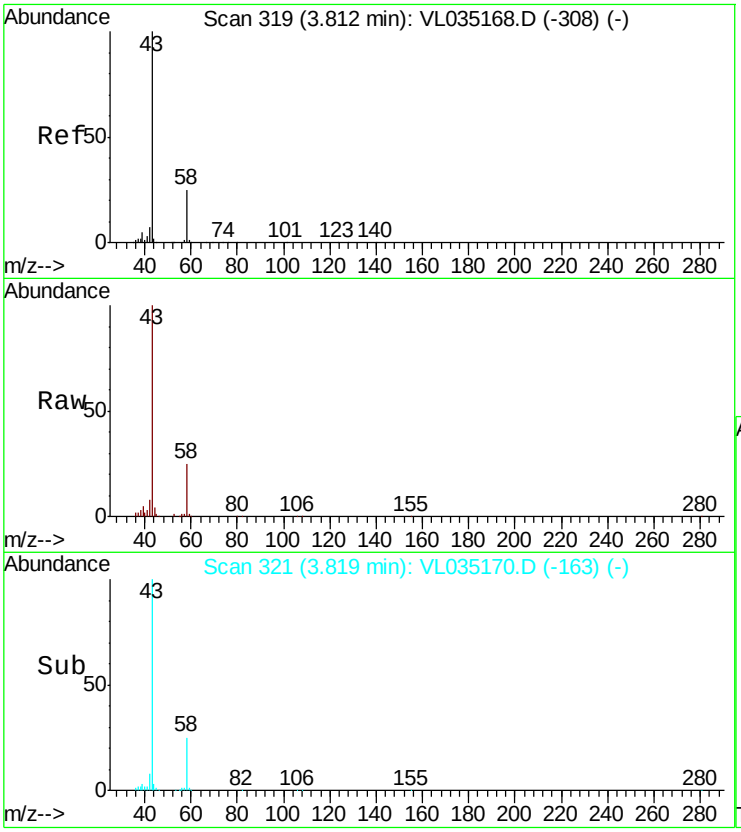


#14
Bromoethene
Concen: 1.129 ppbv
RT: 3.70 min Scan# 285
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:108 Resp: 62145

Ion	Ratio	Lower	Upper
108	100		
106	110.0	86.2	129.2
79	19.4	15.0	22.6



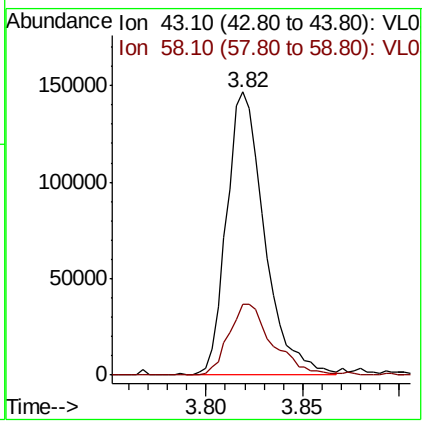


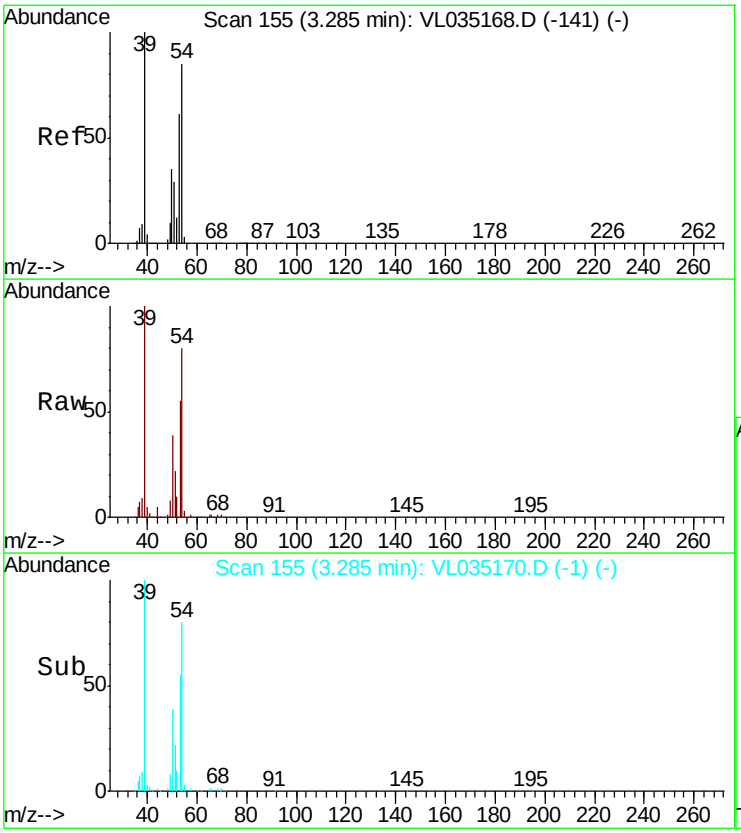
#15
Acetone
Concen: 1.292 ppbv
RT: 3.82 min Scan# 321
Delta R.T. 0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 199751

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.3	31.9

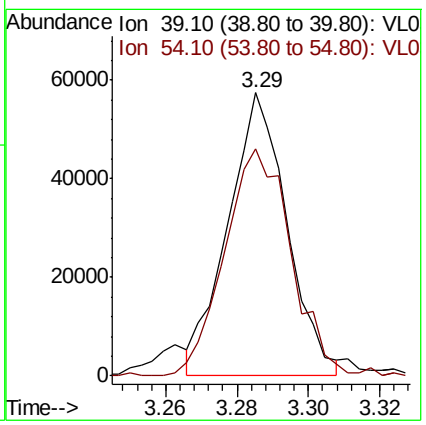


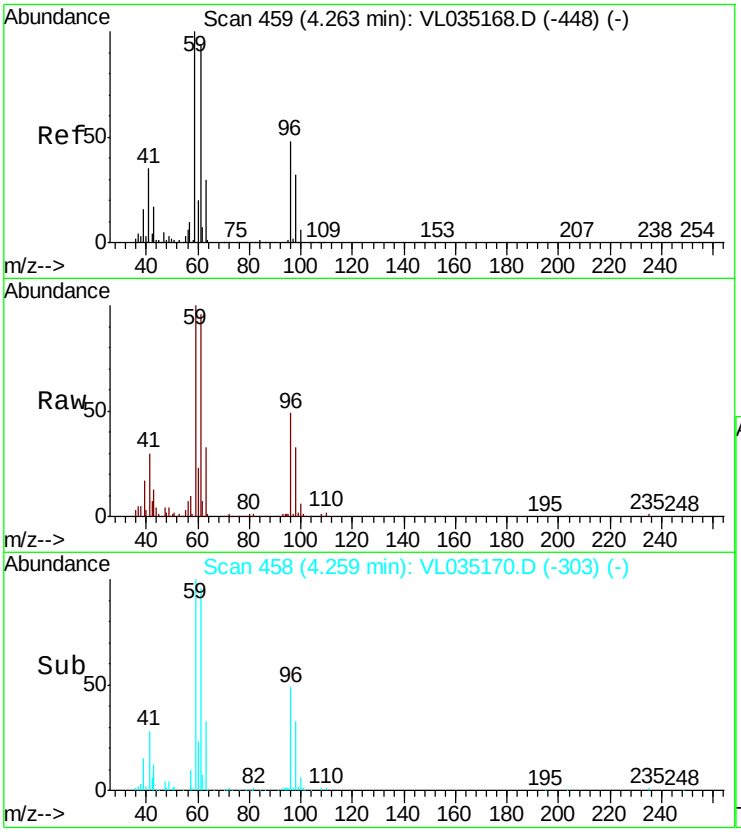


#16
1,3-Butadiene
Concen: 0.974 ppbv
RT: 3.29 min Scan# 155
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 39 Resp: 65295

Ion	Ratio	Lower	Upper
39	100		
54	91.6	67.2	100.8



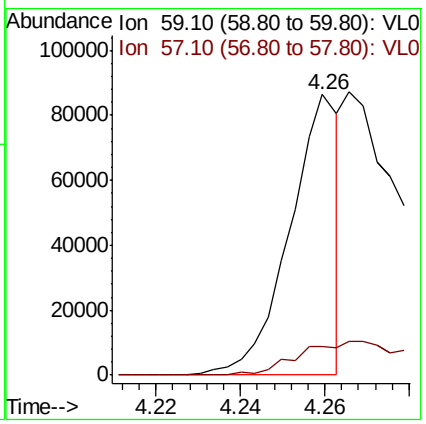


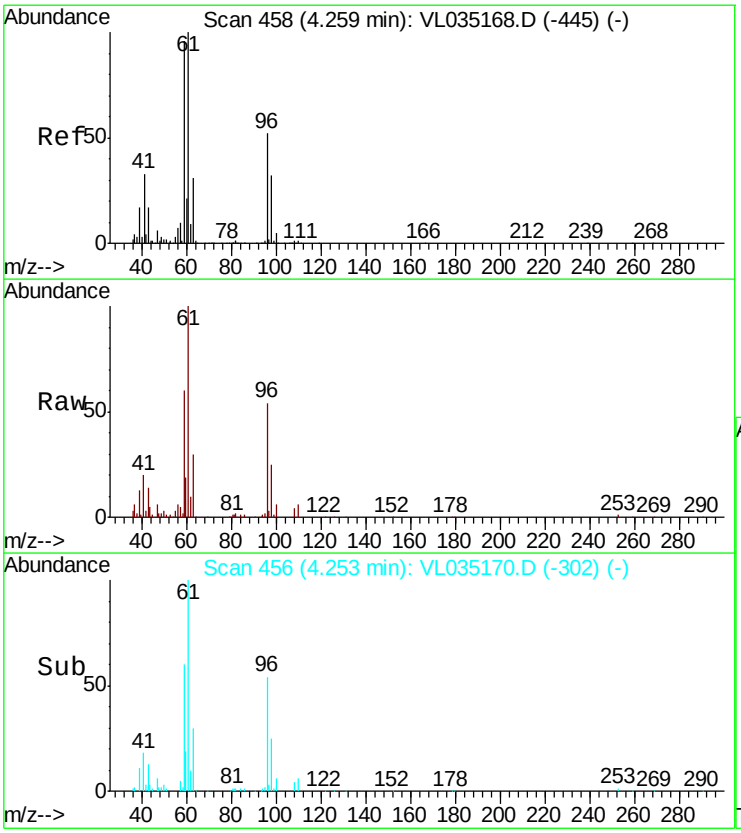
#17
tert-Butyl alcohol
Concen: 0.511 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 70257

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

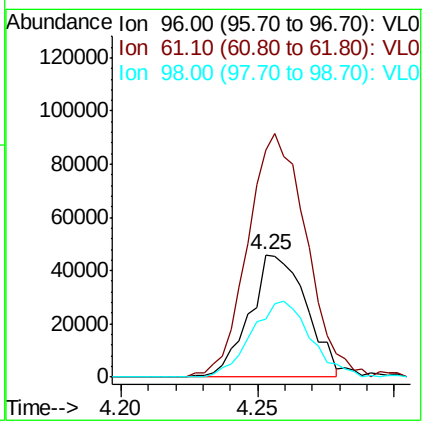


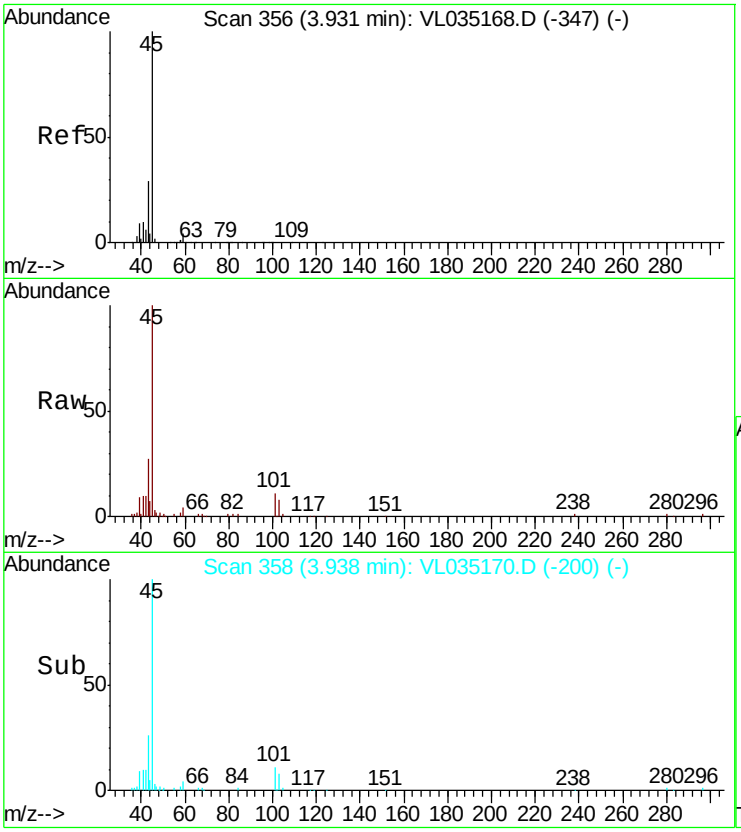


#18
1,1-Dichloroethene
Concen: 1.142 ppbv
RT: 4.25 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 96 Resp: 66091

Ion	Ratio	Lower	Upper
96	100		
61	184.8	152.9	229.3
98	47.1	48.7	73.1#



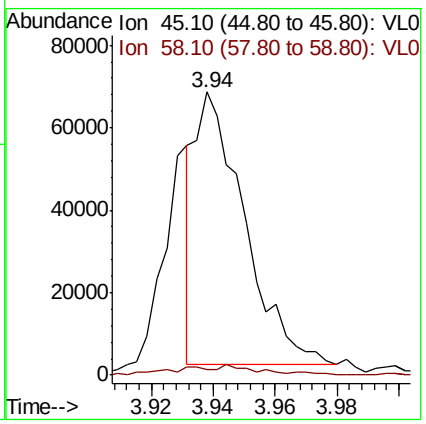


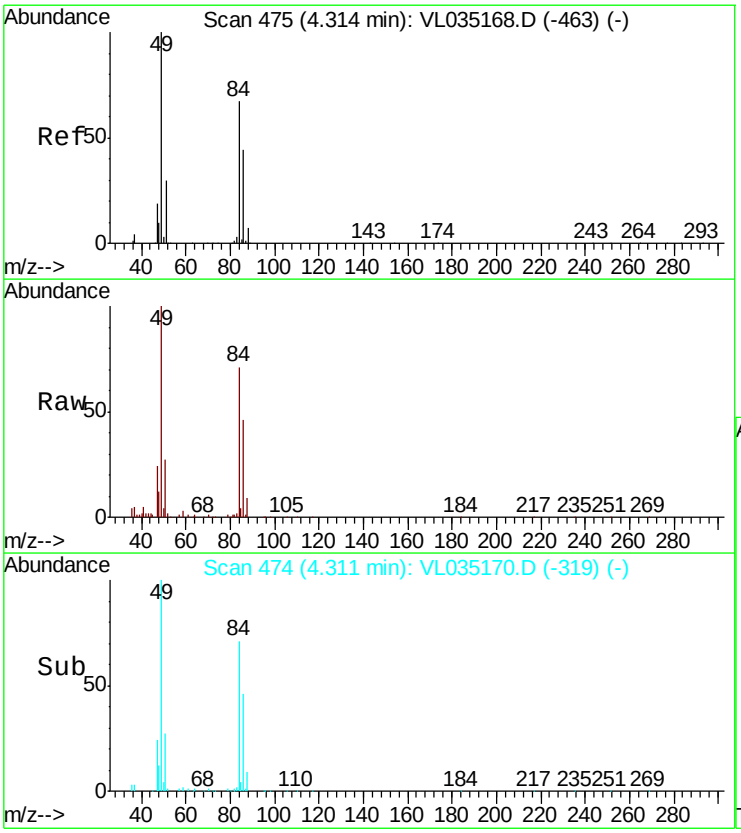
#19
Isopropyl Alcohol
Concen: 0.724 ppbv
RT: 3.94 min Scan# 358
Delta R.T. 0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 45 Resp: 71981

Ion	Ratio	Lower	Upper
45	100		
58	7.1	2.1	3.1#

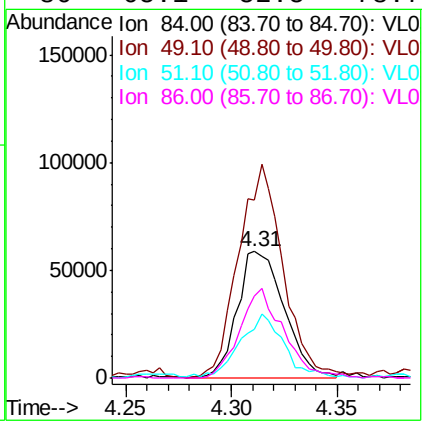


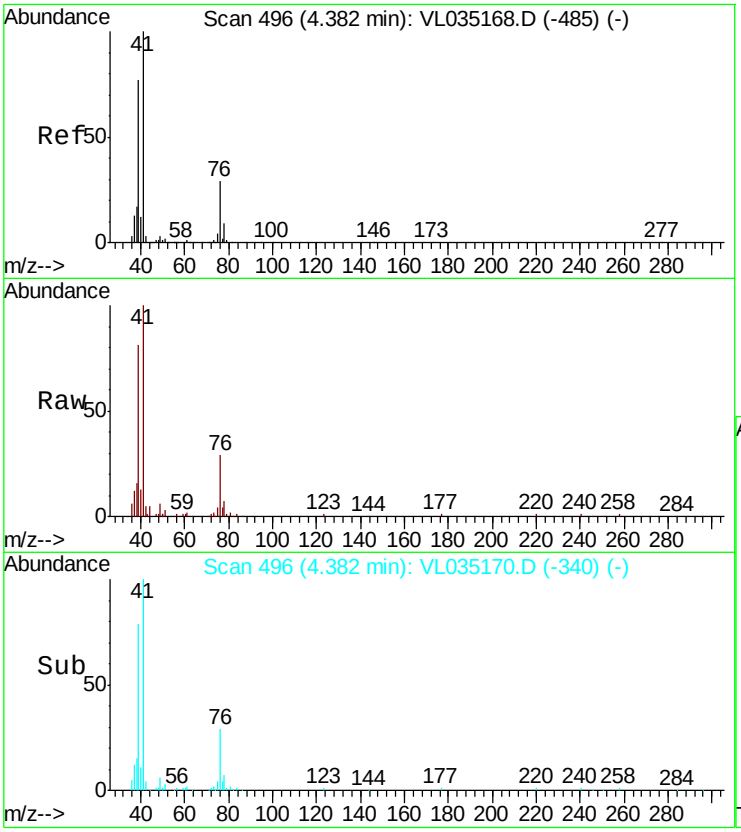


#20
Methylene Chloride
Concen: 1.435 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 84 Resp: 90336

Ion	Ratio	Lower	Upper
84	100		
49	141.8	119.4	179.0
51	37.5	36.6	55.0
86	65.1	52.5	78.7



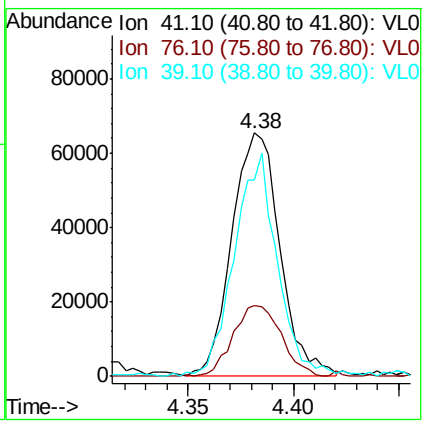


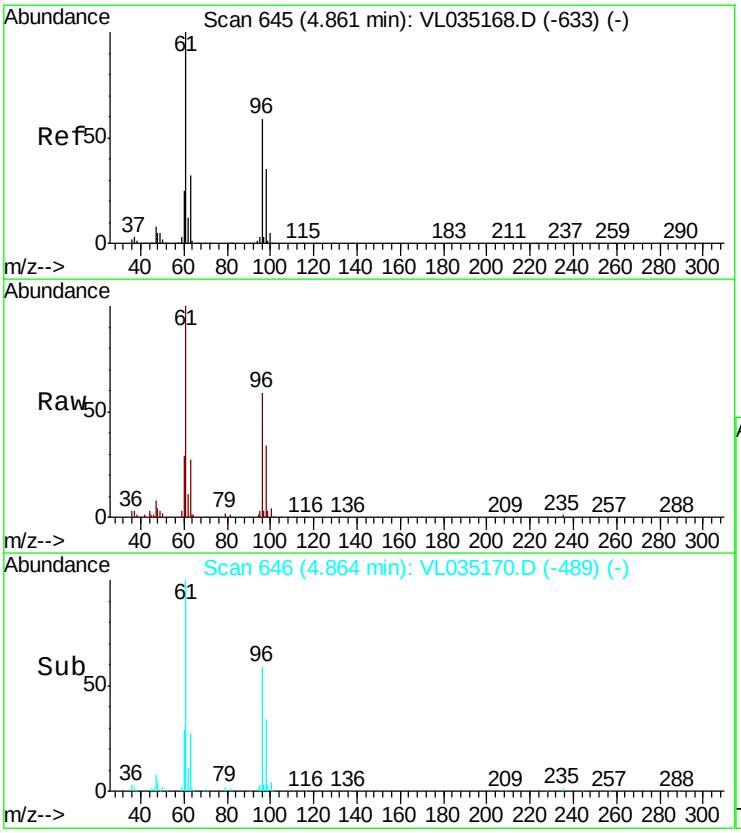
#21
Allvl Chloride
Concen: 1.125 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 103074

Ion	Ratio	Lower	Upper
41	100		
76	29.9	23.5	35.3
39	84.2	63.4	95.0

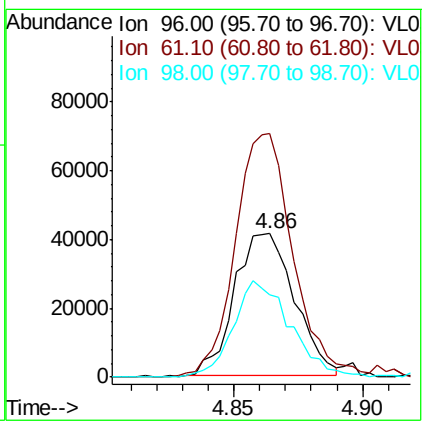


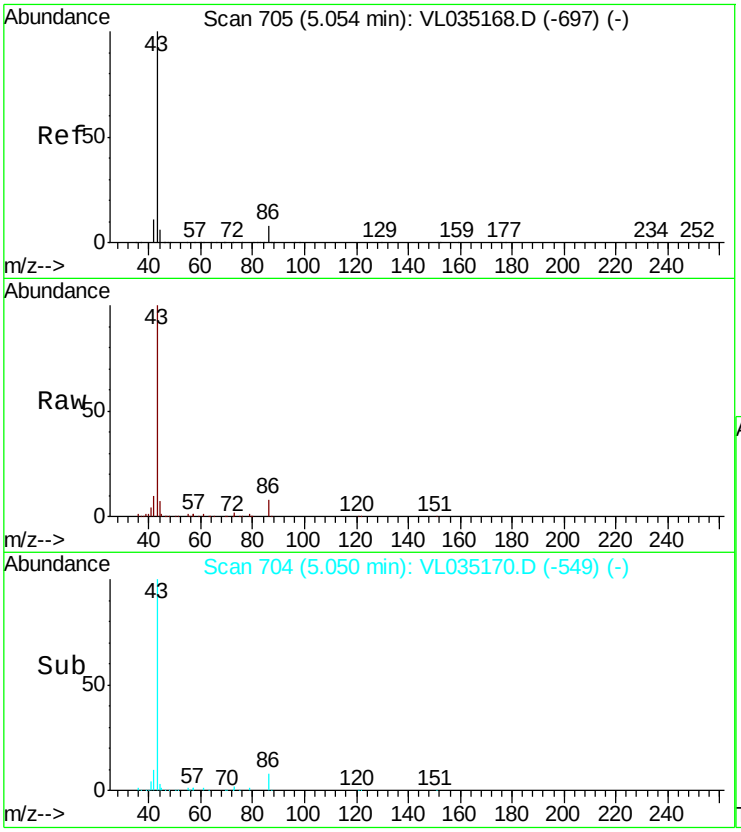


#22
trans-1,2-Dichloroethene
Concen: 1.224 ppbv
RT: 4.86 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 96 Resp: 66848

Ion	Ratio	Lower	Upper
96	100		
61	168.9	136.5	204.7
98	57.1	47.5	71.3



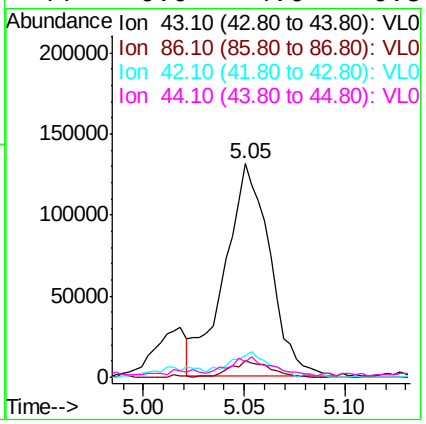


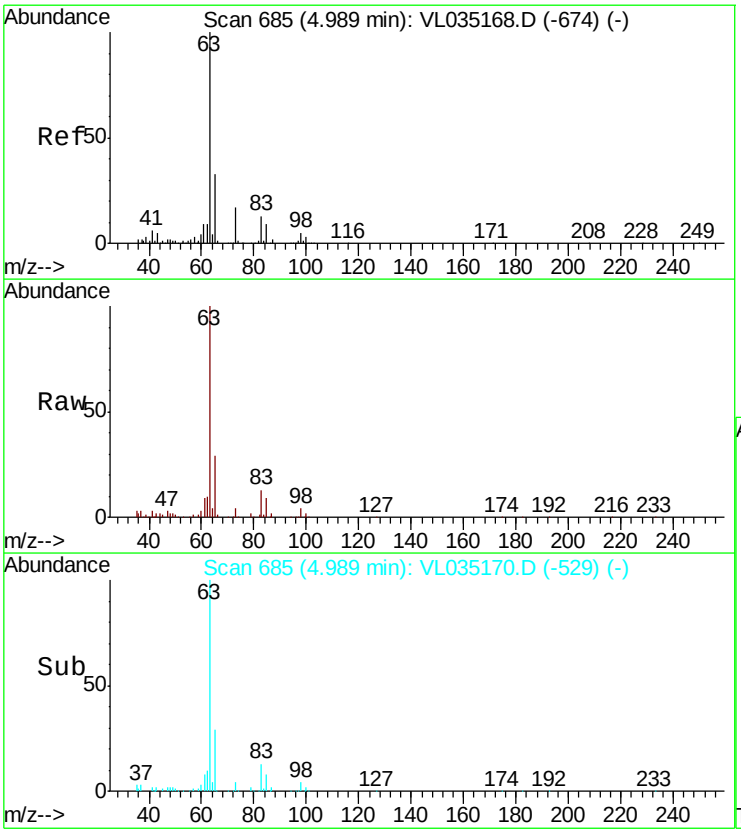
#23
Vinyl Acetate
Concen: 1.108 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 205061

Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.2	9.2
42	10.4	9.1	13.7
44	6.0	4.6	6.8

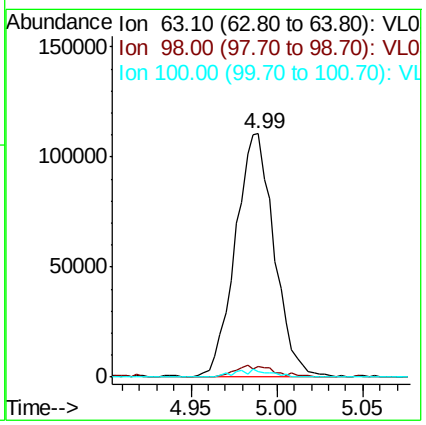


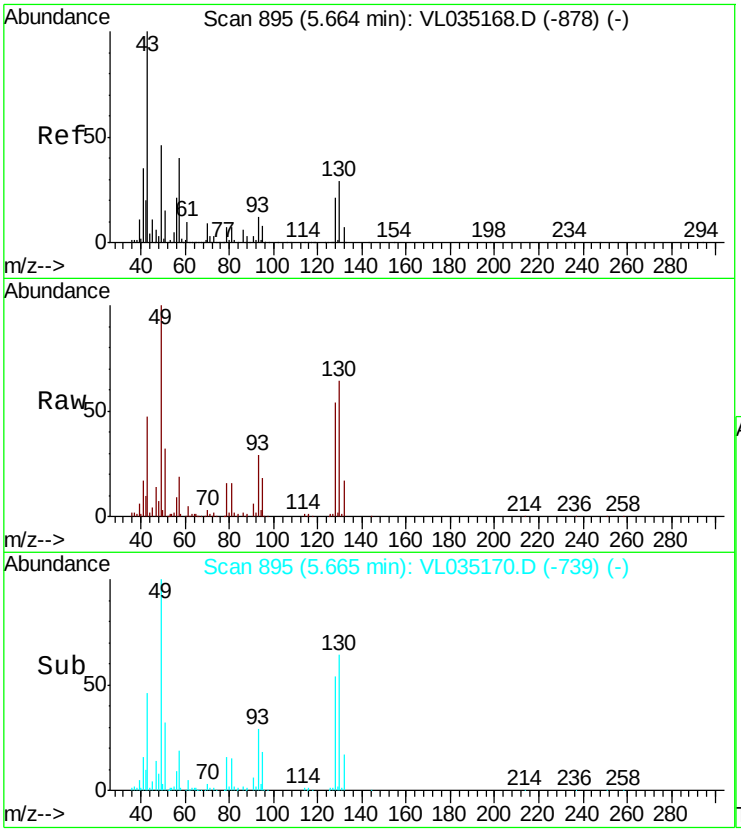


#24
1,1-Dichloroethane
Concen: 1.109 ppbv
RT: 4.99 min Scan# 685
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 63 Resp: 174071

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.4	7.1
100	2.3	1.4	4.0



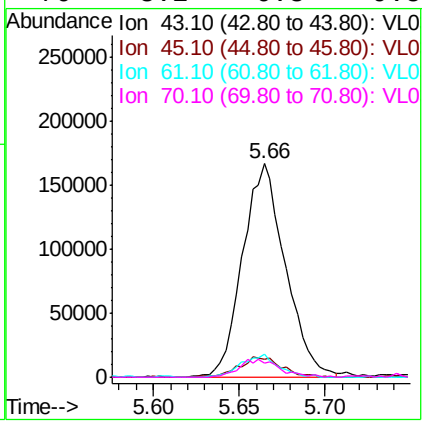


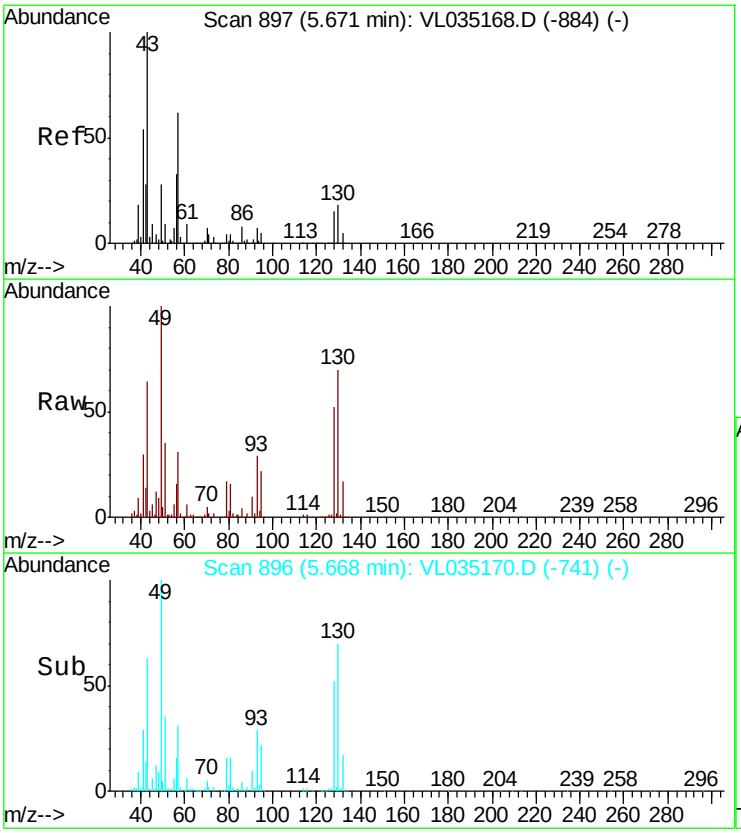
#25
Ethyl Acetate
Concen: 1.043 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 287991

Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.5	12.7
61	9.7	8.1	12.1
70	8.2	6.3	9.5

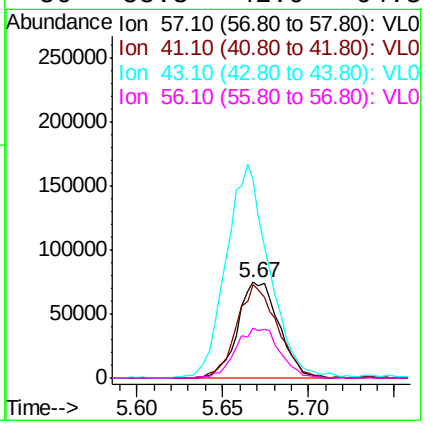


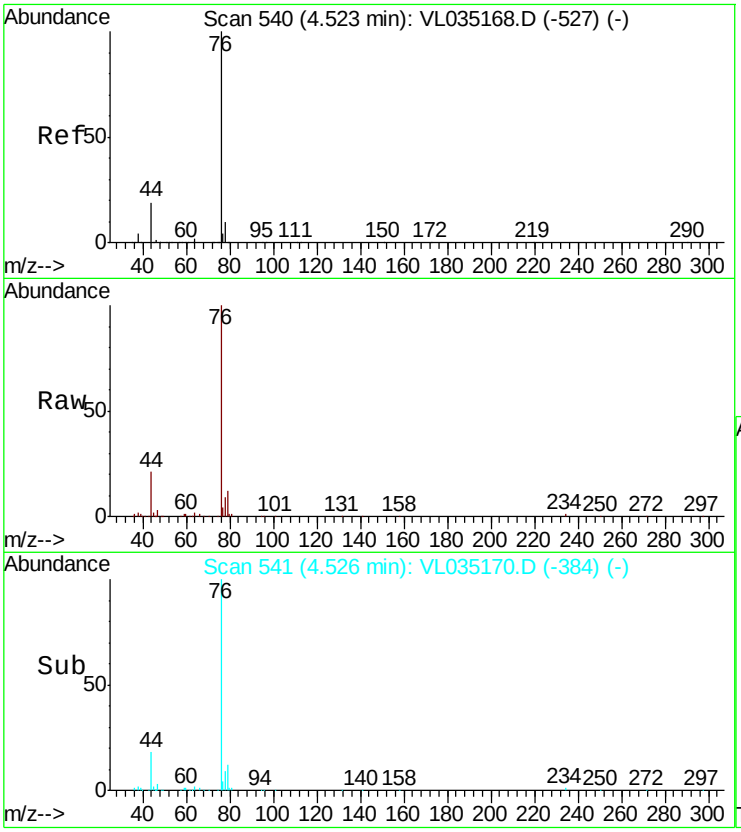


#26
Hexane
Concen: 1.001 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 57 Resp: 124814

Ion	Ratio	Lower	Upper
57	100		
41	97.1	72.9	109.3
43	233.3	179.5	269.3
56	55.3	42.9	64.3



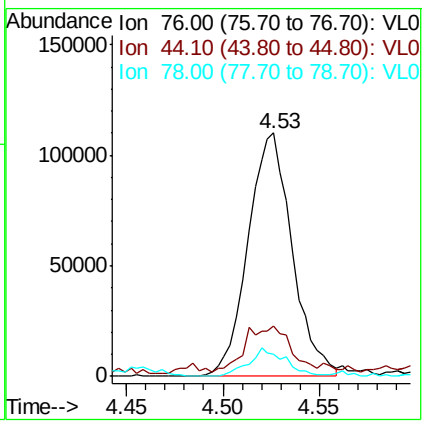


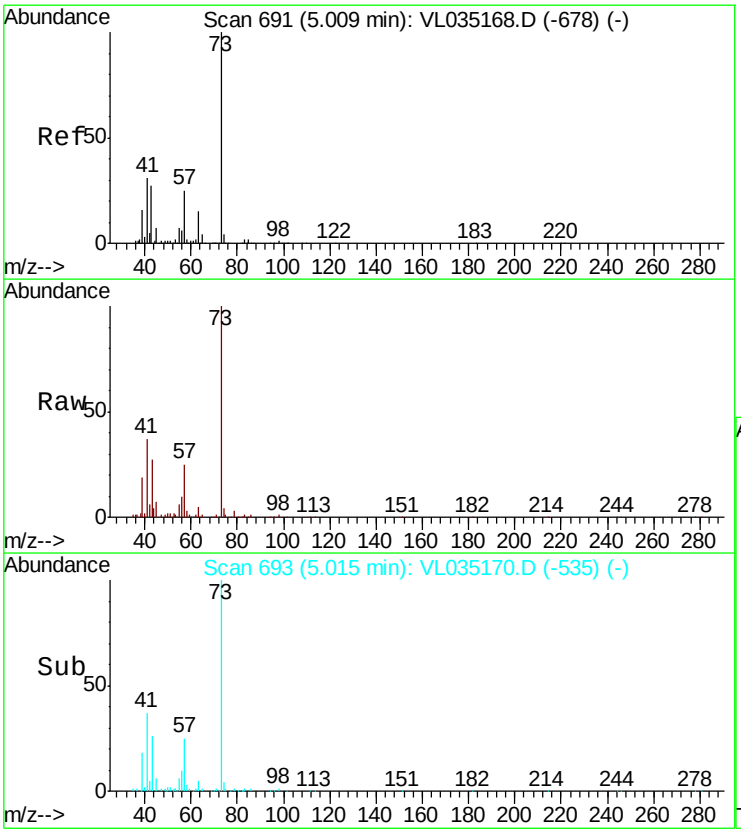
#27
Carbon Disulfide
Concen: 1.313 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 76 Resp: 174679

Ion	Ratio	Lower	Upper
76	100		
44	24.5	14.9	22.3#
78	9.9	7.5	11.3

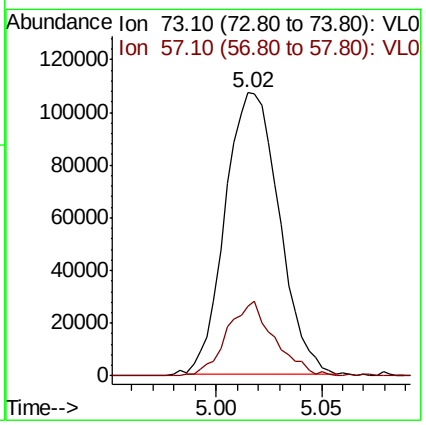


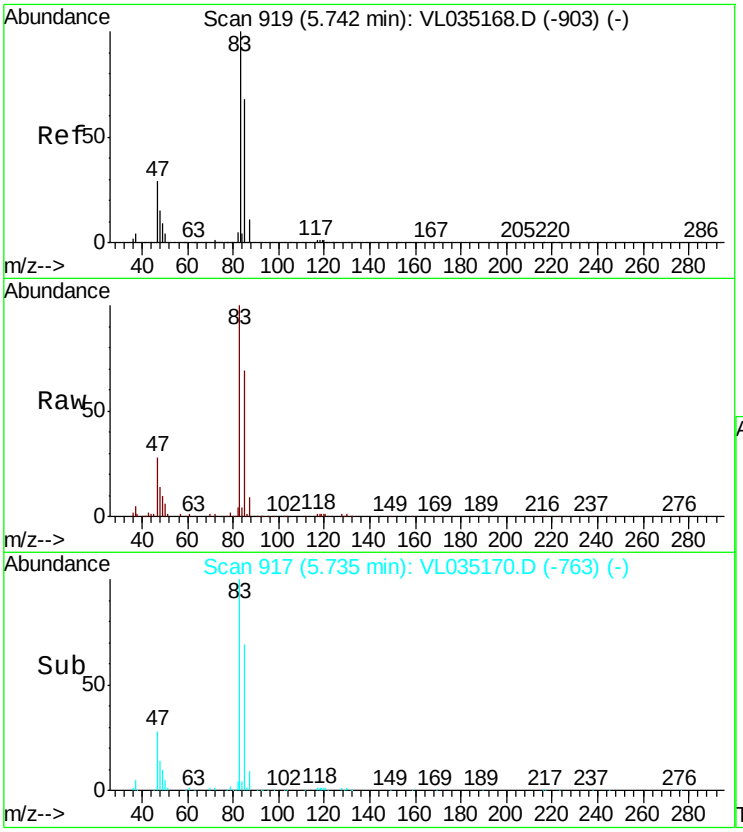


#28
Methyl tert-Butyl Ether
Concen: 1.081 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 73 Resp: 189765

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.1	27.1



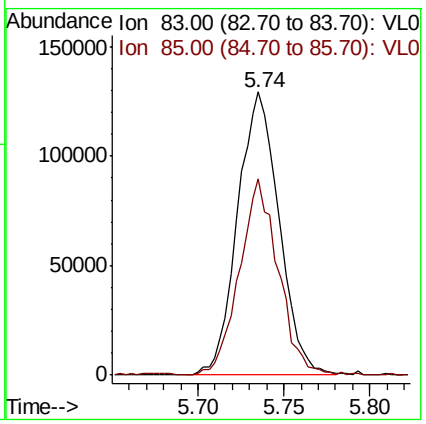


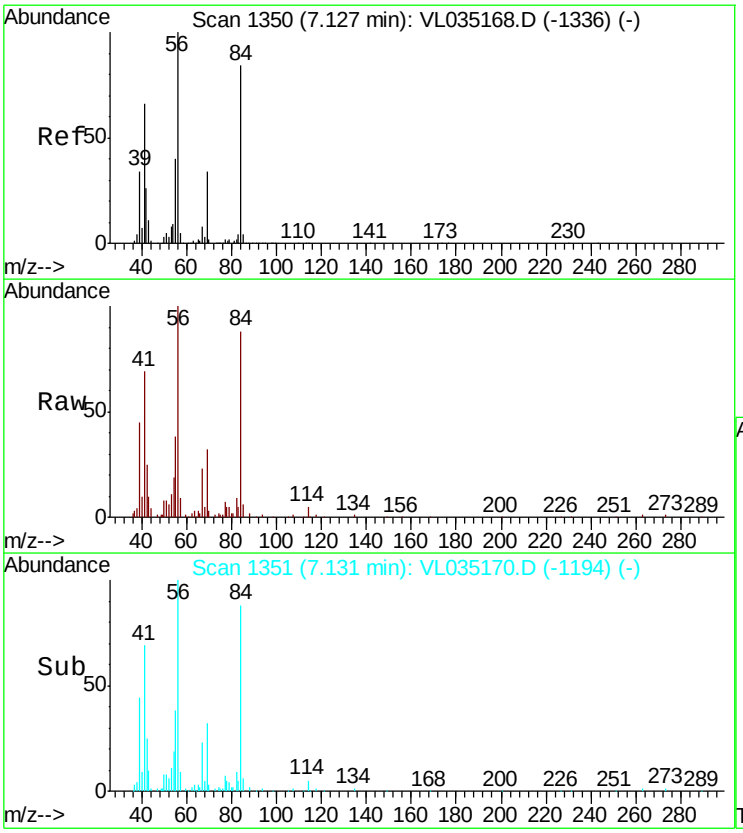
#29
Chloroform
Concen: 1.105 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 215905

Ion	Ratio	Lower	Upper
83	100		
85	69.4	54.3	81.5

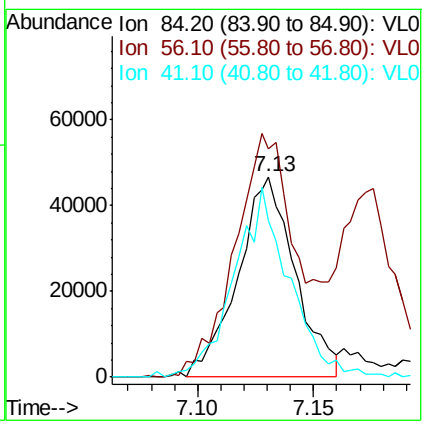


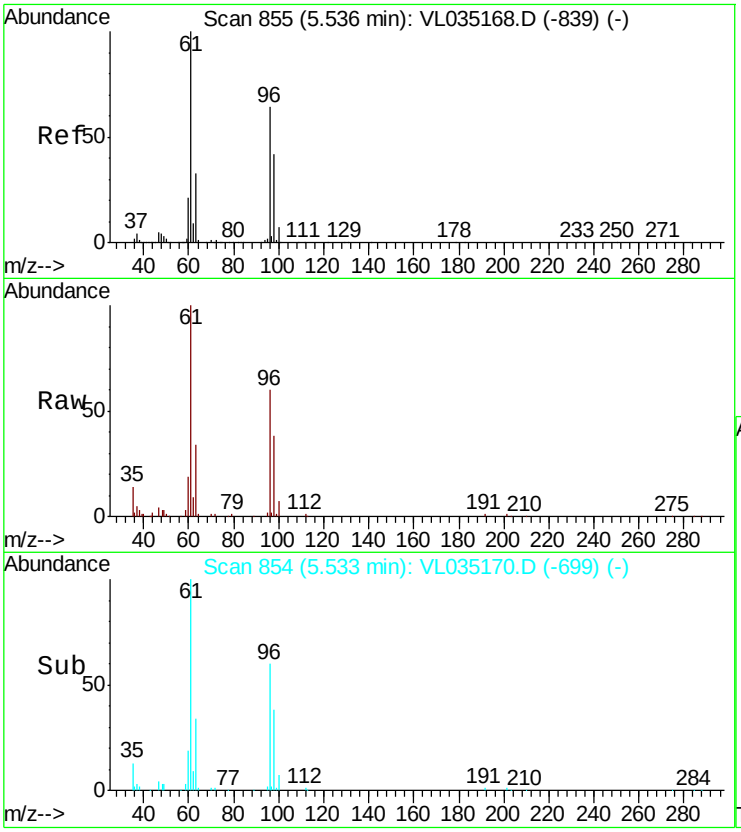


#30
Cyclohexane
Concen: 0.898 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 84 Resp: 80115

Ion	Ratio	Lower	Upper
84	100		
56	125.2	105.6	158.4
41	92.1	64.9	97.3



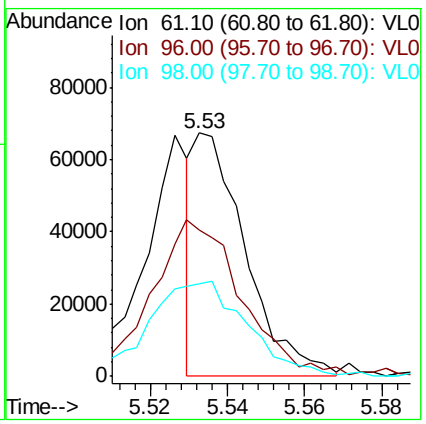


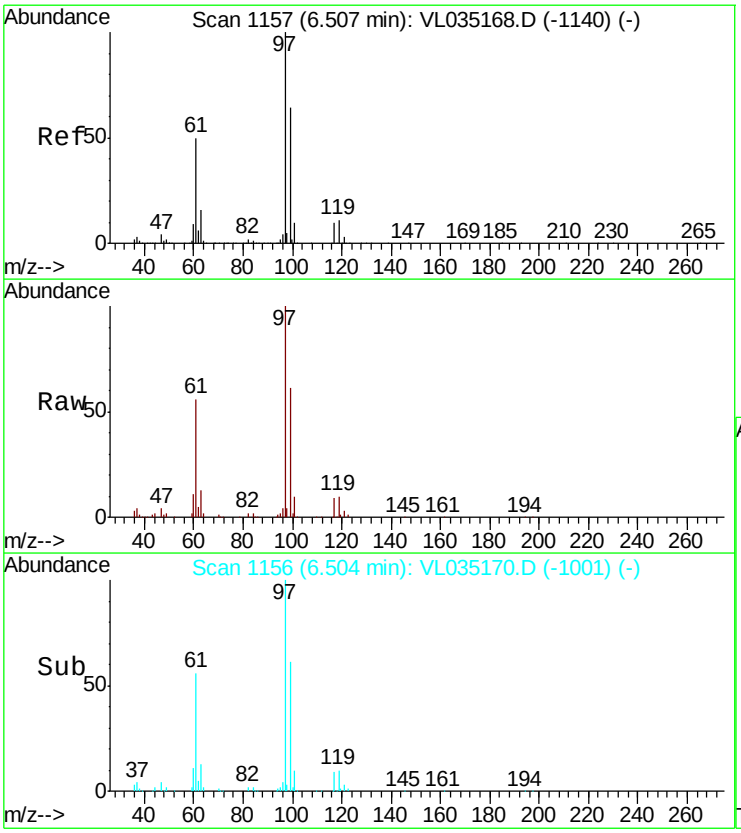
#31
cis-1,2-Dichloroethene
Concen: 0.542 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 61875

Ion	Ratio	Lower	Upper
61	100		
96	57.4	51.3	76.9
98	38.4	33.8	50.8

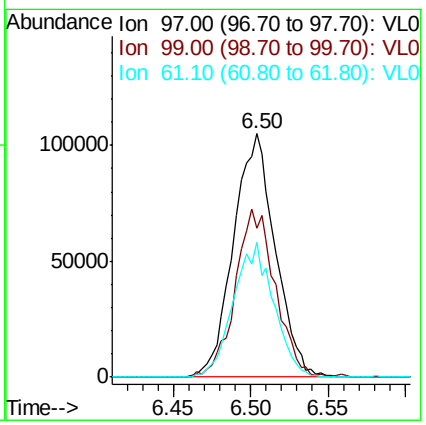


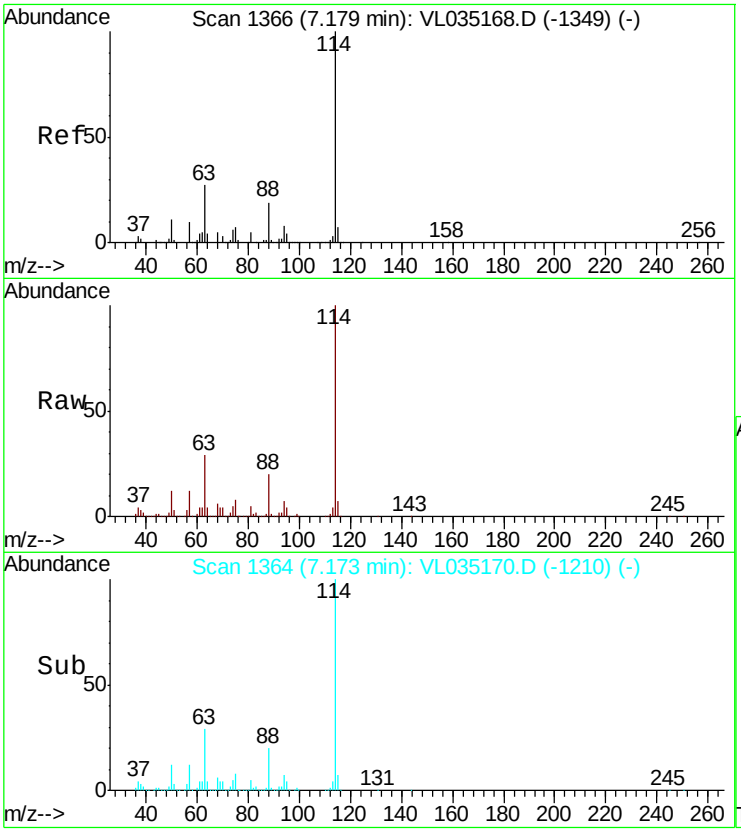


#32
1,1,1-Trichloroethane
Concen: 1.083 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 97 Resp: 197174

Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.2	76.8
61	53.2	40.9	61.3



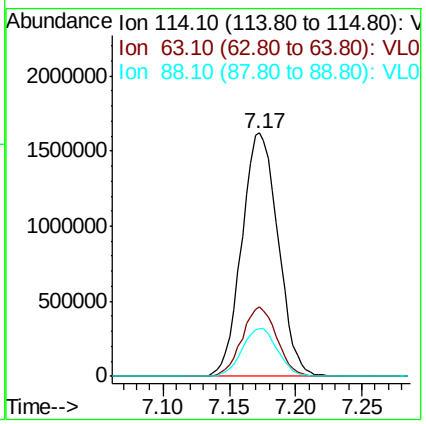


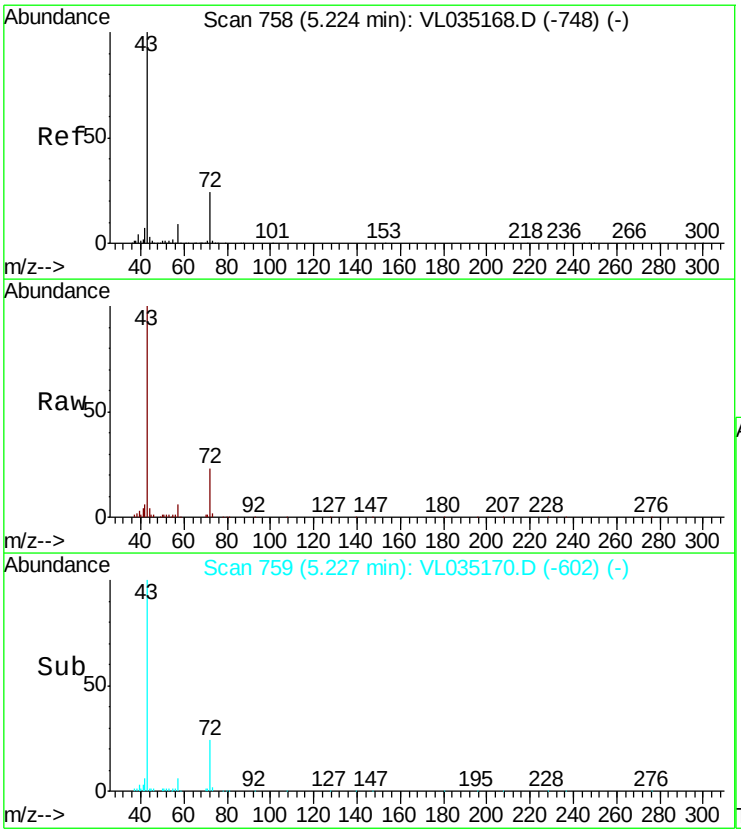
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 3092648

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

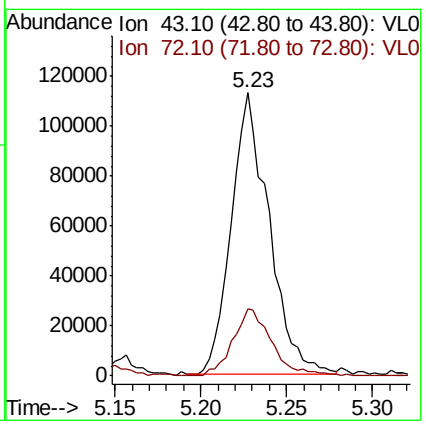


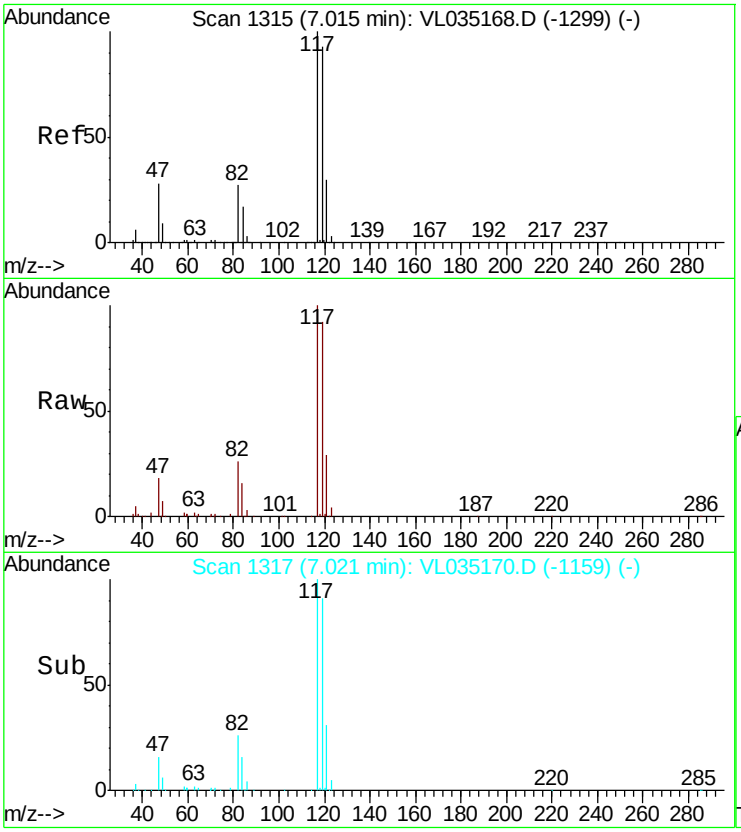


#34
2-Butanone
Concen: 0.993 ppbv
RT: 5.23 min Scan# 759
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 43 Resp: 173788

Ion	Ratio	Lower	Upper
43	100		
72	24.3	18.6	28.0



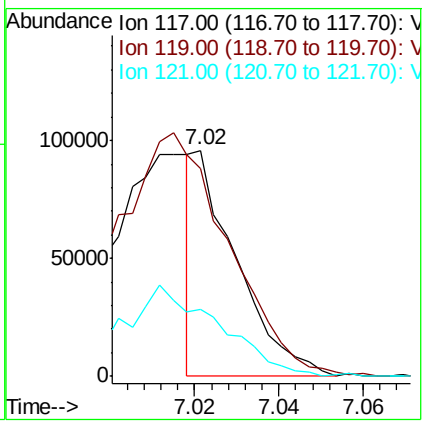


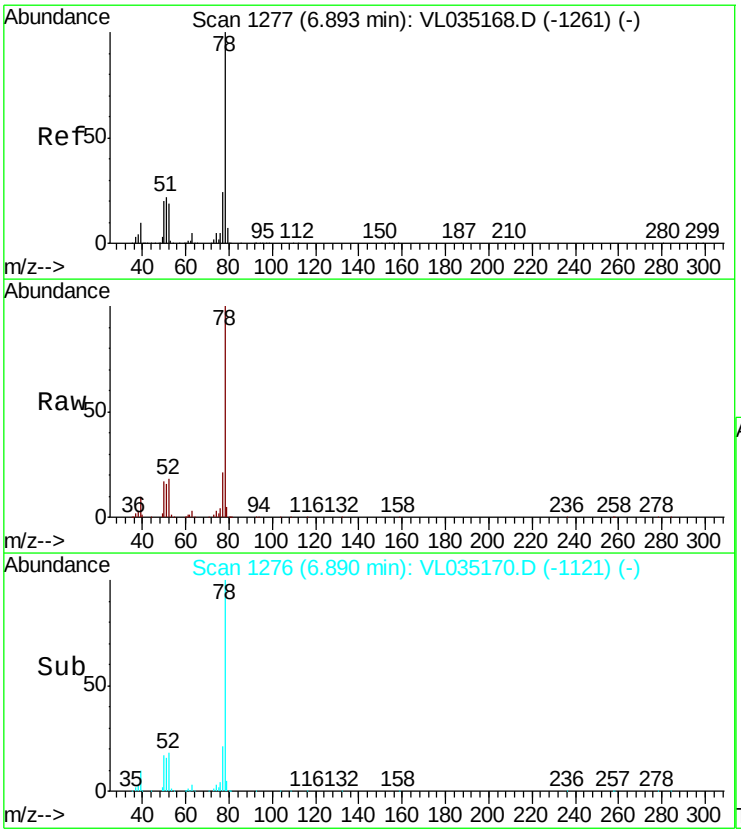
#35
Carbon Tetrachloride
Concen: 0.360 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:117 Resp: 67061

Ion	Ratio	Lower	Upper
117	100		
119	90.1	74.8	112.2
121	28.9	24.2	36.2

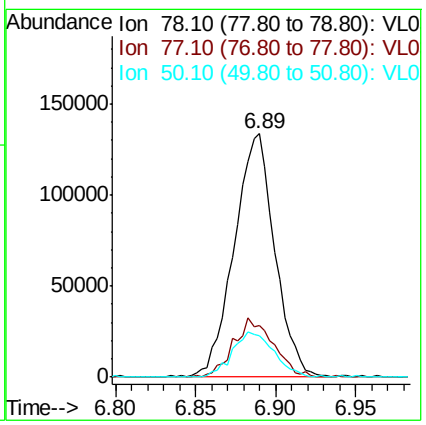


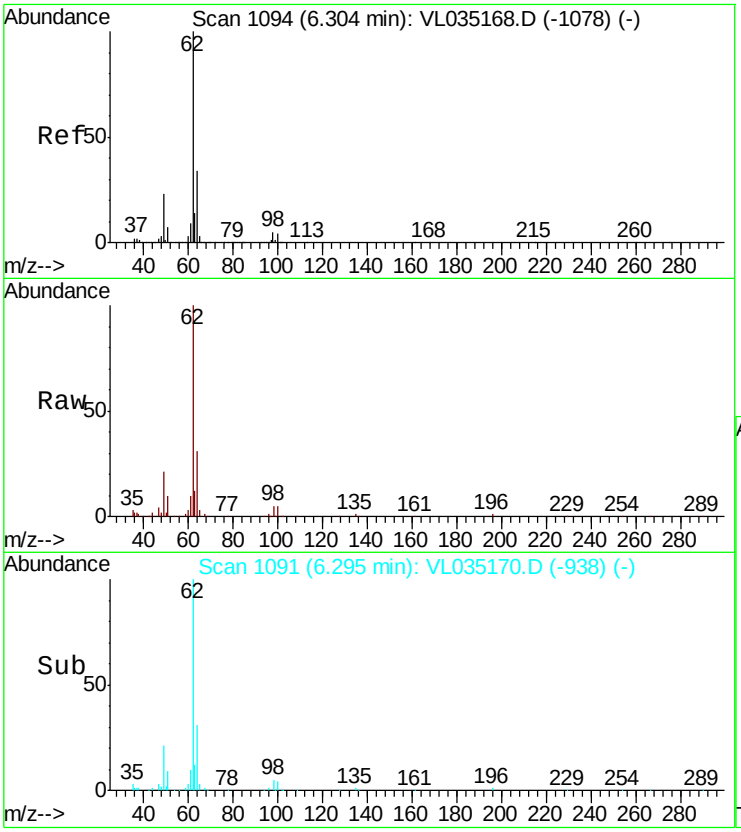


#36
Benzene
Concen: 0.974 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 78 Resp: 230668

Ion	Ratio	Lower	Upper
78	100		
77	20.9	19.3	28.9
50	16.9	16.0	24.0



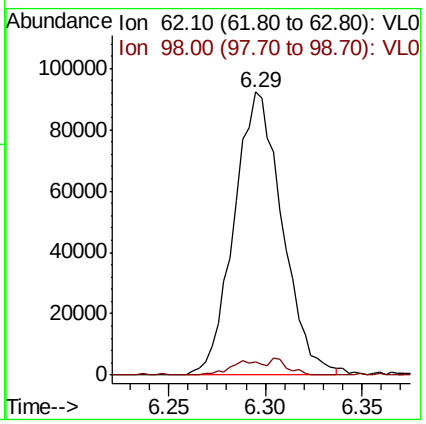


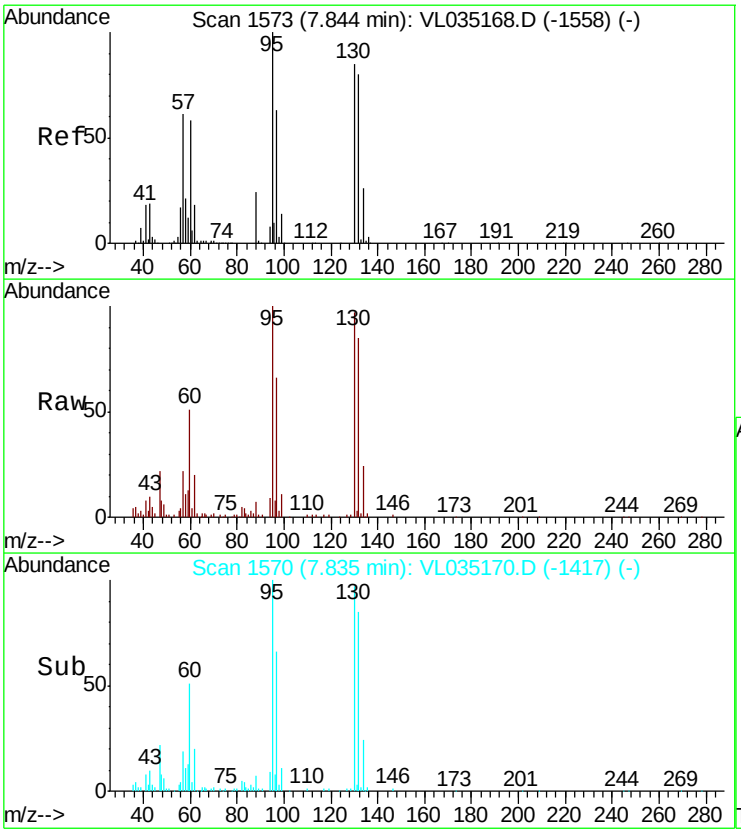
#37
1,2-Dichloroethane
Concen: 1.060 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 62 Resp: 159661

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.6	6.8

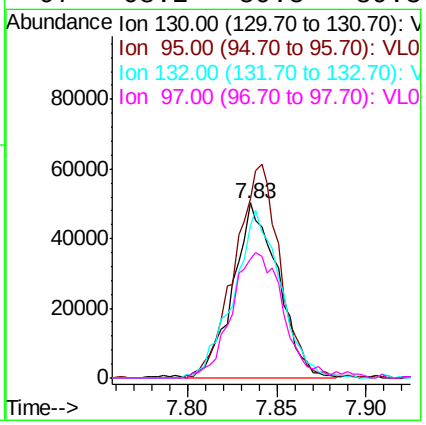


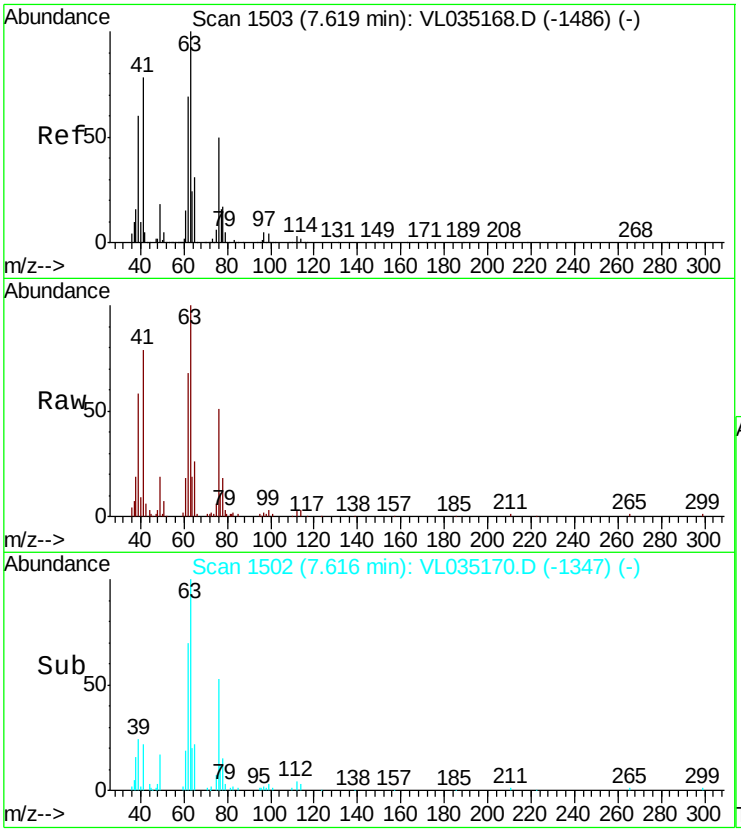


#38
Trichloroethene
Concen: 0.956 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:130 Resp: 88686

Ion	Ratio	Lower	Upper
130	100		
95	102.2	93.8	140.8
132	88.5	75.0	112.4
97	68.2	59.5	89.3



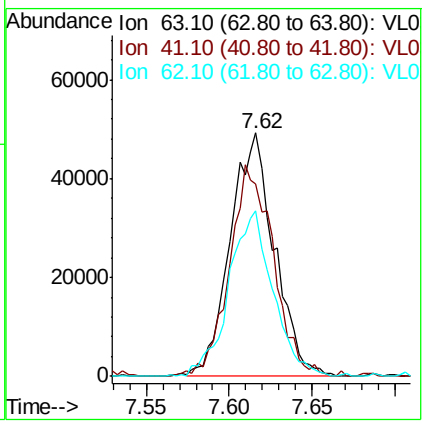


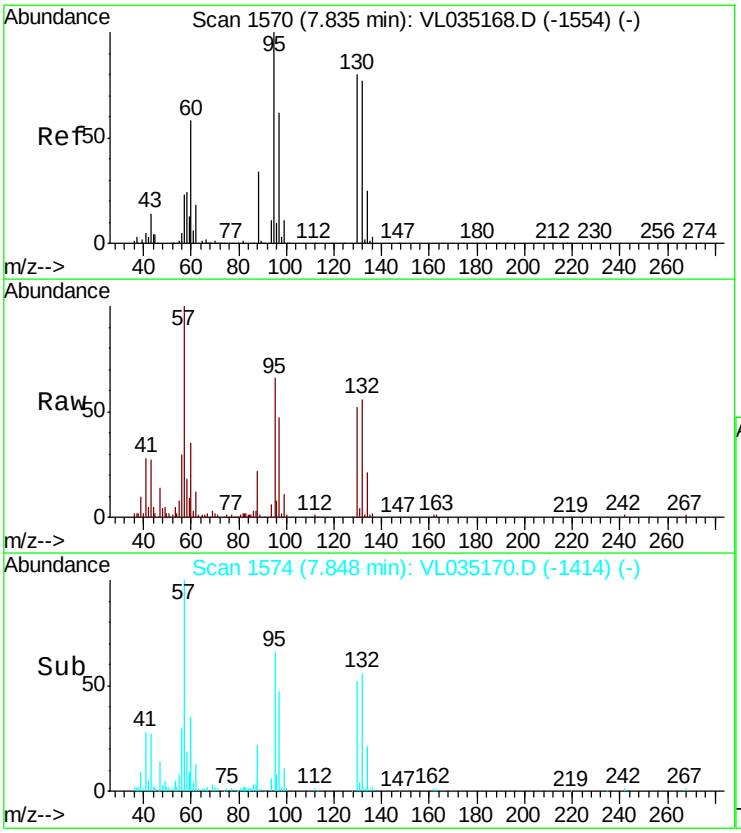
#39
1,2-Dichloropropane
Concen: 0.985 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 63 Resp: 90969

Ion	Ratio	Lower	Upper
63	100		
41	79.0	62.6	94.0
62	67.9	55.0	82.6

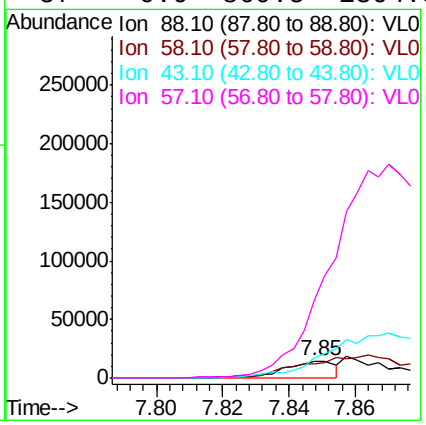


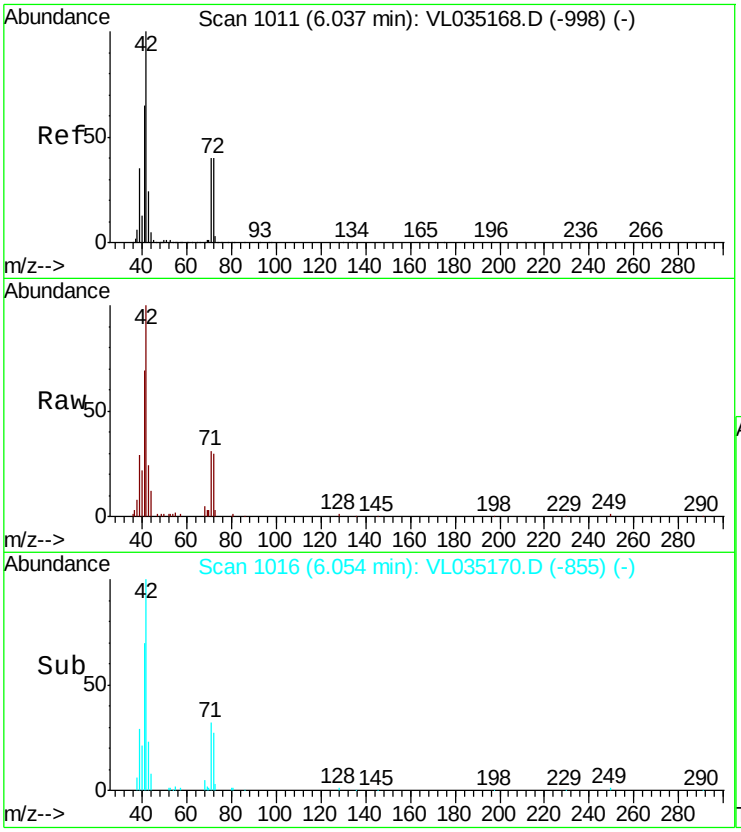


#40
1,4-Dioxane
Concen: 0.428 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 88 Resp: 16010

Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.2	150.4#
43	0.0	199.8	299.8#
57	0.0	869.5	1304.3#



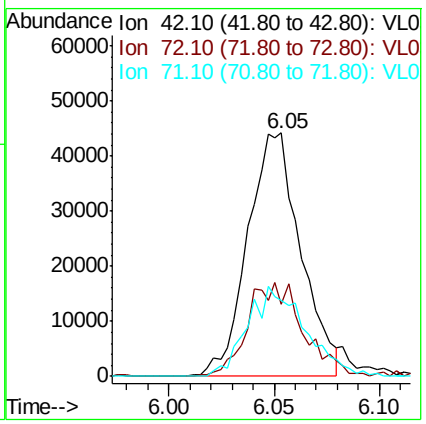


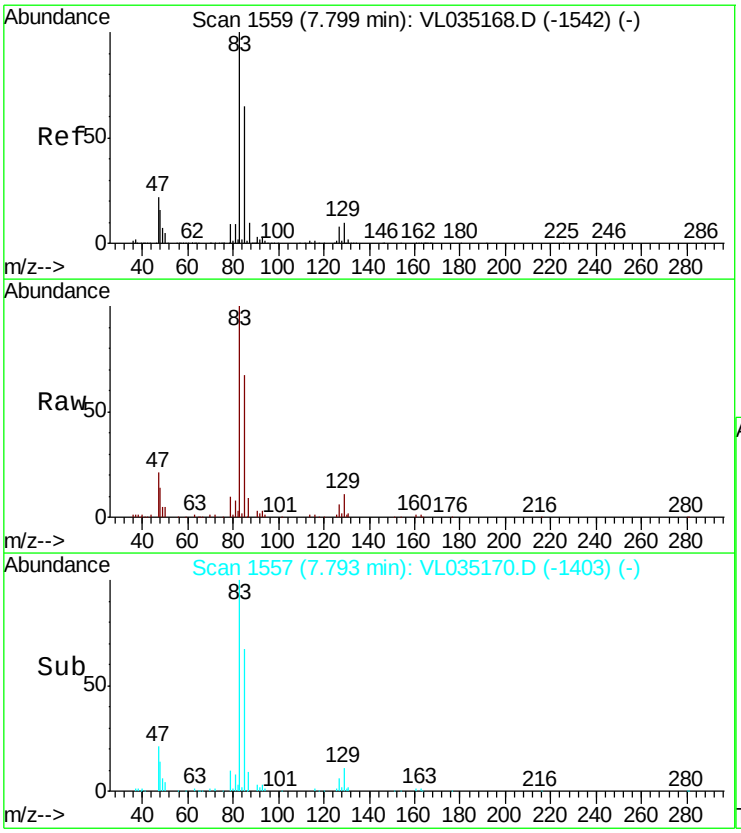
#41
Tetrahydrofuran
Concen: 0.870 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.02 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 42 Resp: 77542

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.4	50.2
71	40.5	31.9	47.9

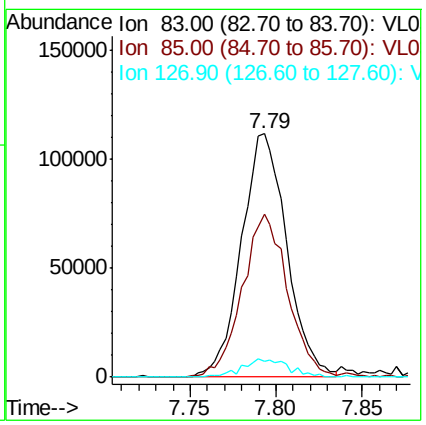


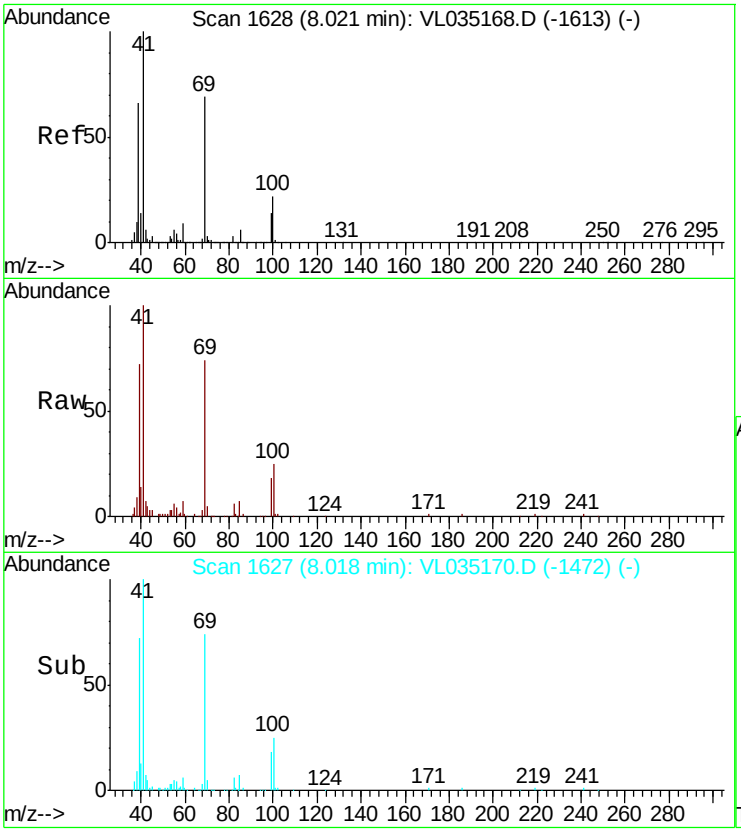


#42
Bromodichloromethane
Concen: 1.035 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 83 Resp: 202709

Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.2	78.4
127	6.5	6.3	9.5



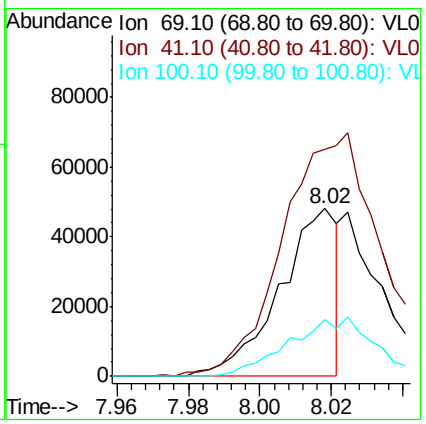


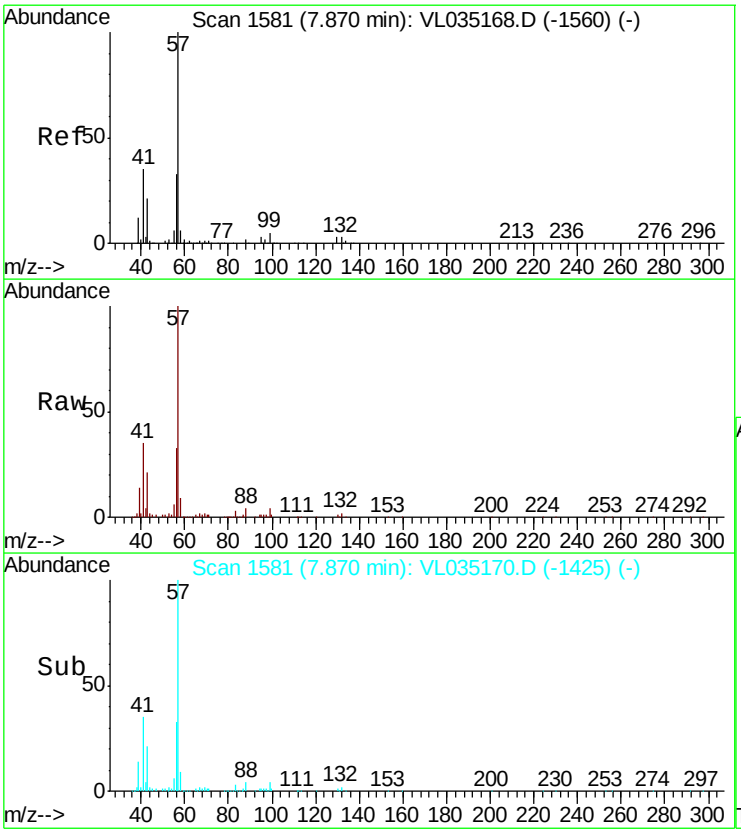
#43
Methyl Methacrylate
Concen: 0.540 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 69 Resp: 54137

Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.3	174.5#
100	0.0	25.6	38.4#

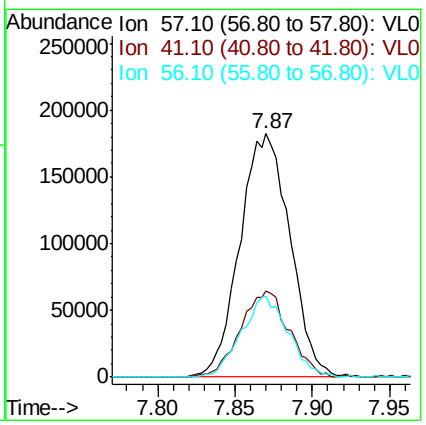


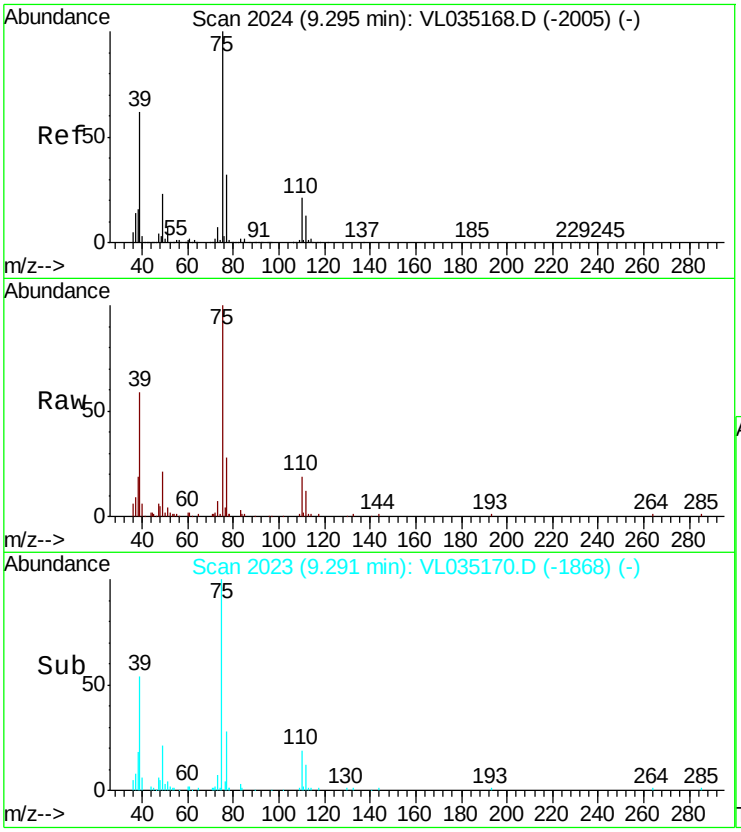


#44
2,2,4-Trimethylpentane
Concen: 0.981 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 57 Resp: 405866

Ion	Ratio	Lower	Upper
57	100		
41	35.0	27.0	40.6
56	31.7	25.5	38.3



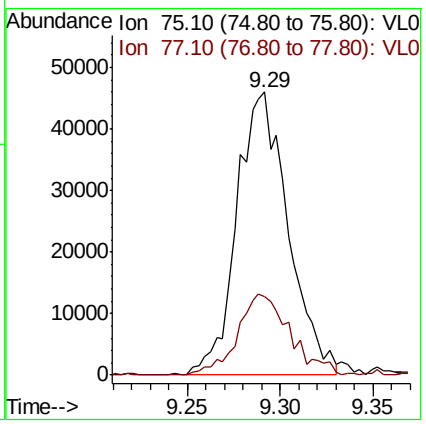


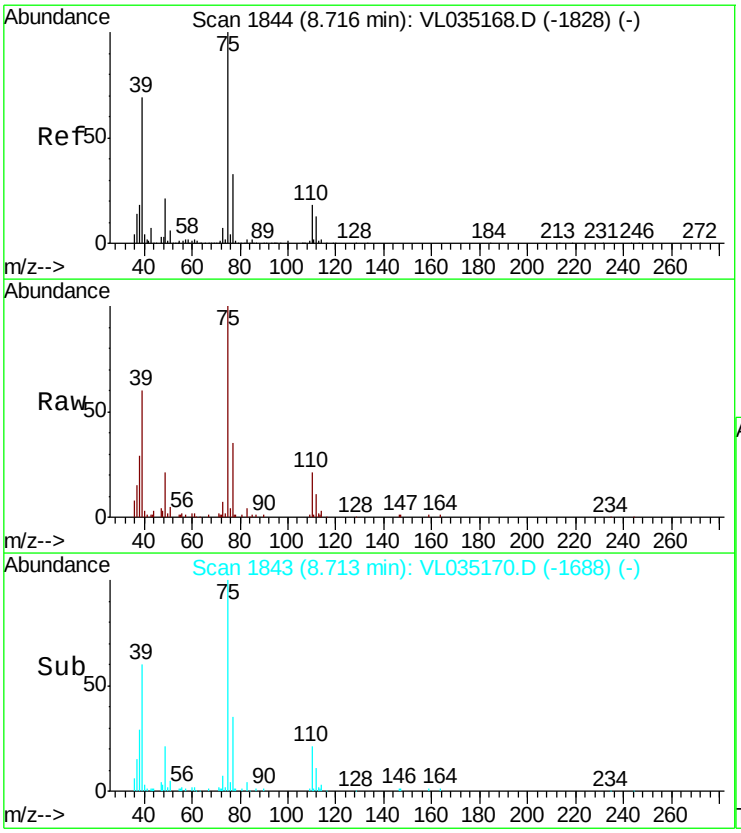
#45
t-1,3-Dichloropropene
Concen: 0.904 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 88467

Ion	Ratio	Lower	Upper
75	100		
77	28.4	25.8	38.8

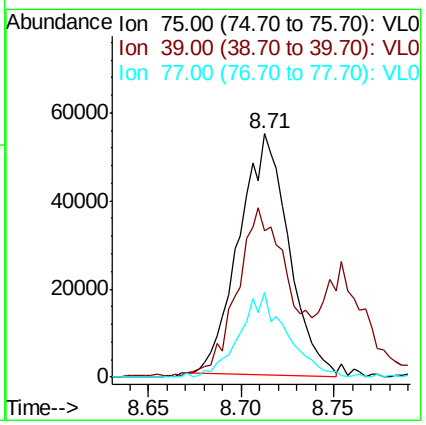


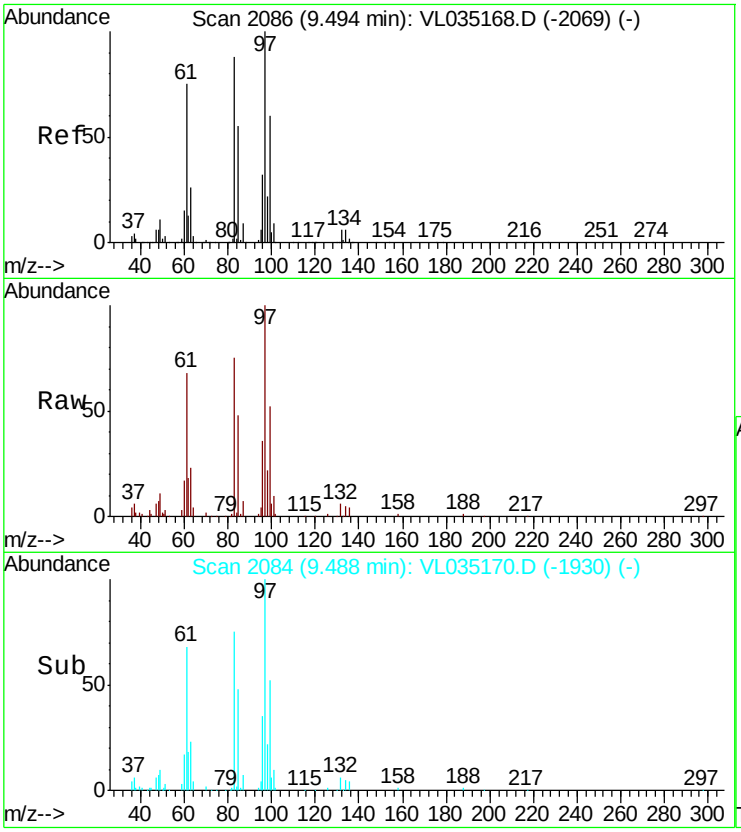


#46
cis-1,3-Dichloropropene
Concen: 0.845 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 75 Resp: 102566

Ion	Ratio	Lower	Upper
75	100		
39	59.2	55.2	82.8
77	33.6	26.0	39.0



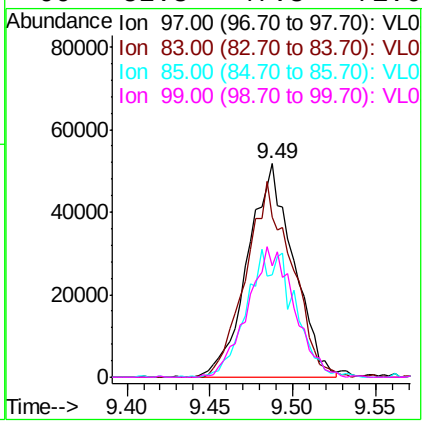


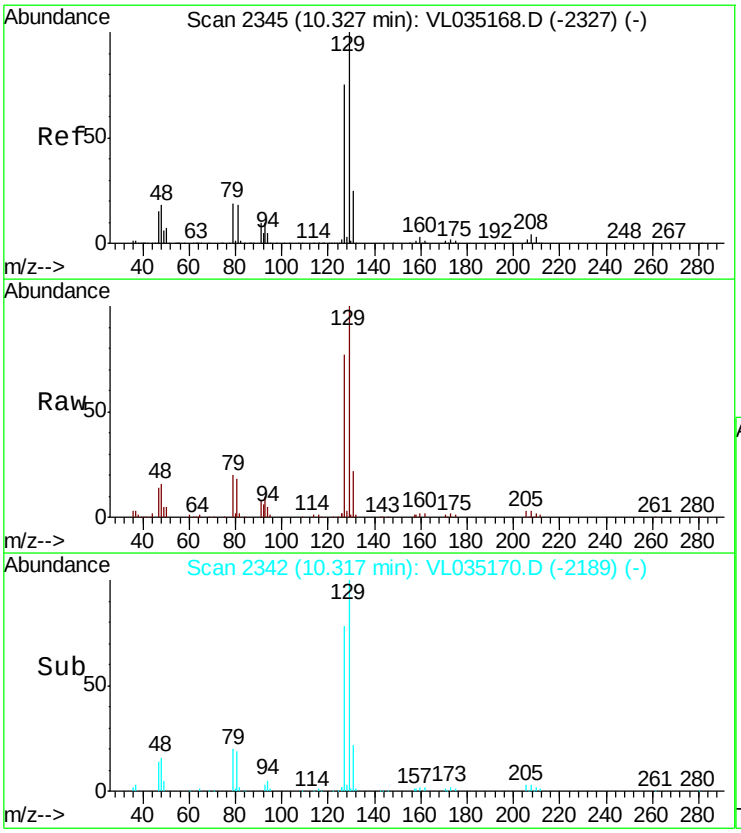
#47
1,1,2-Trichloroethane
Concen: 0.980 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 99508

Ion	Ratio	Lower	Upper
97	100		
83	75.2	70.3	105.5
85	48.1	44.3	66.5
99	52.3	47.8	71.6

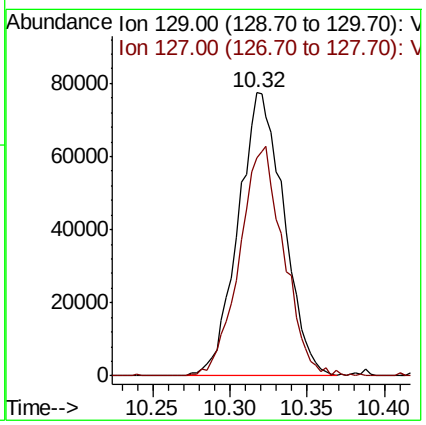


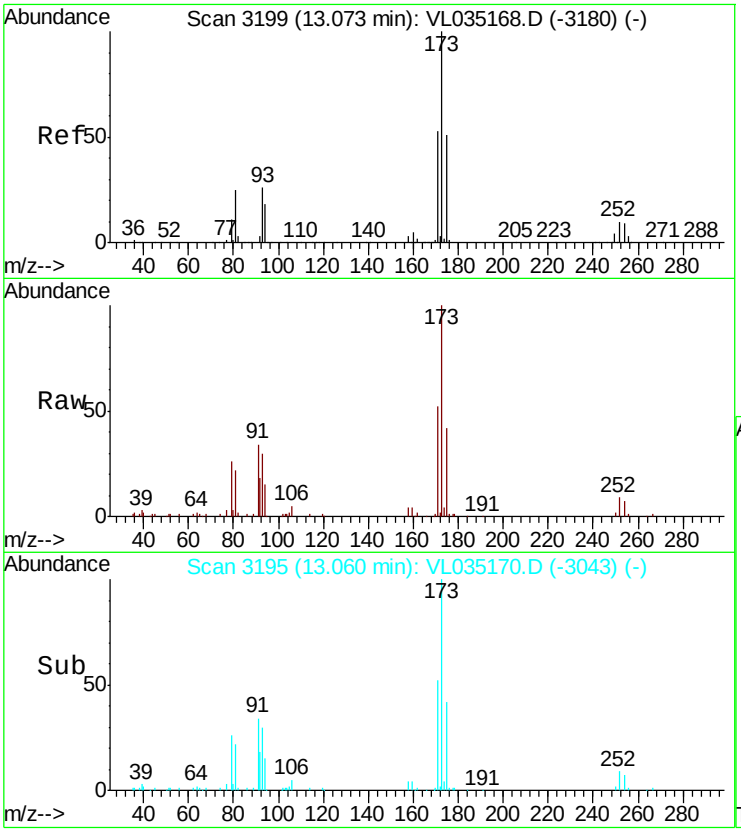


#48
Dibromochloromethane
Concen: 1.043 ppbv
RT: 10.32 min Scan# 2342
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:129 Resp: 159048

Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.8	116.3



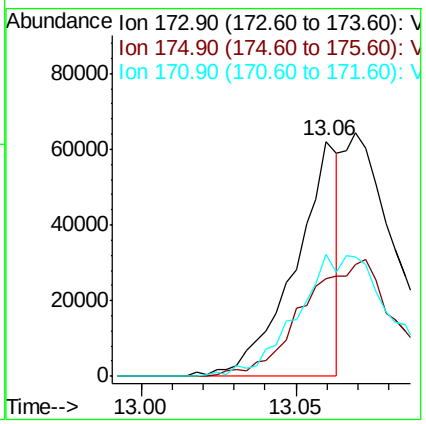


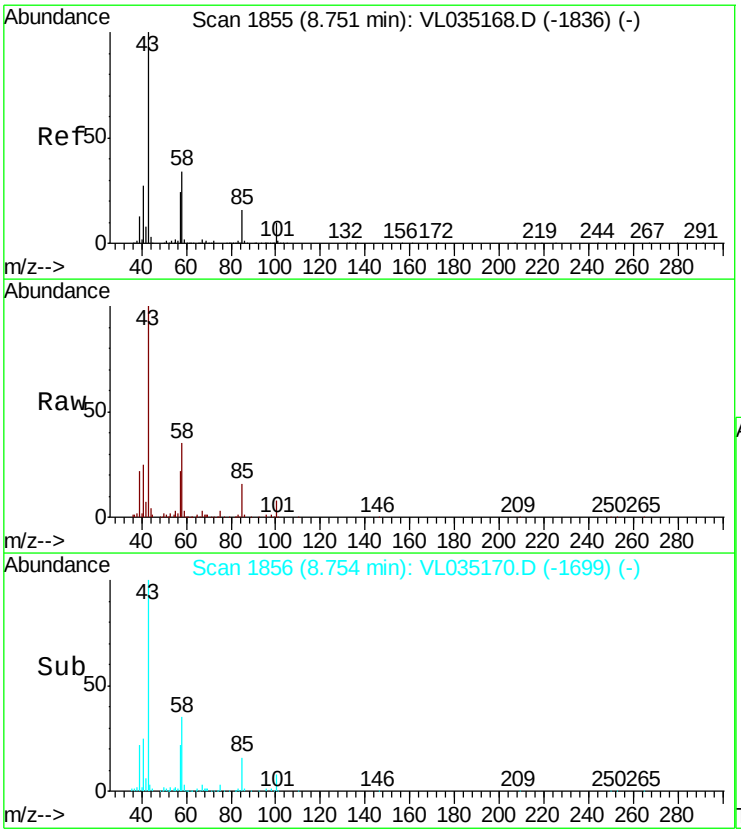
#49
Bromoform
Concen: 0.465 ppbv
RT: 13.06 min Scan# 3195
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 60475

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.7	59.5#
171	112.1	41.6	62.4#

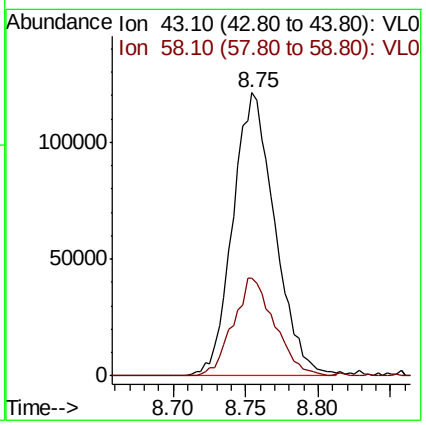


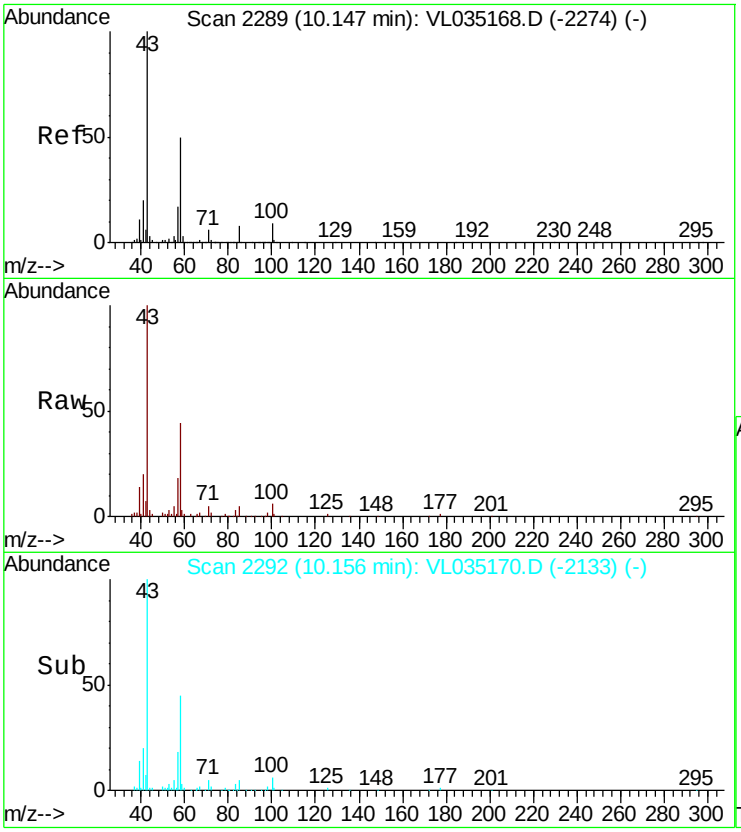


#50
4-Methyl-2-Pentanone
Concen: 0.975 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 43 Resp: 244461

Ion	Ratio	Lower	Upper
43	100		
58	34.5	29.4	44.2



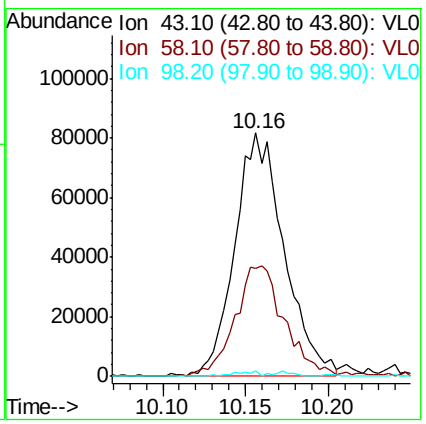


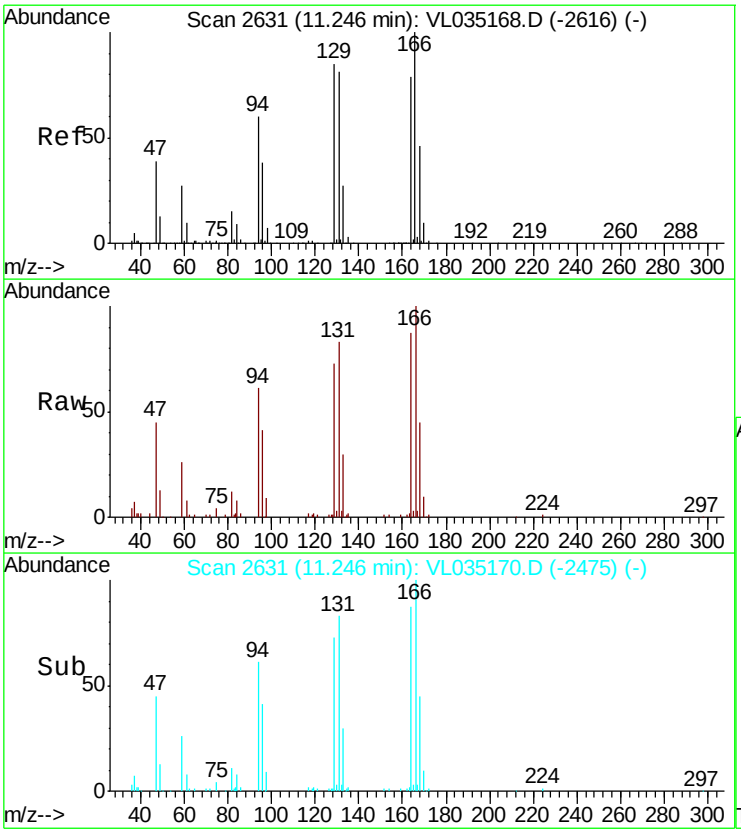
#51
2-Hexanone
Concen: 0.858 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 167801

Ion	Ratio	Lower	Upper
43	100		
58	46.4	39.4	59.0
98	2.0	0.3	0.5#

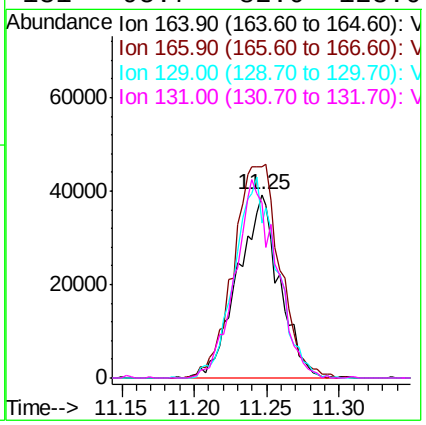


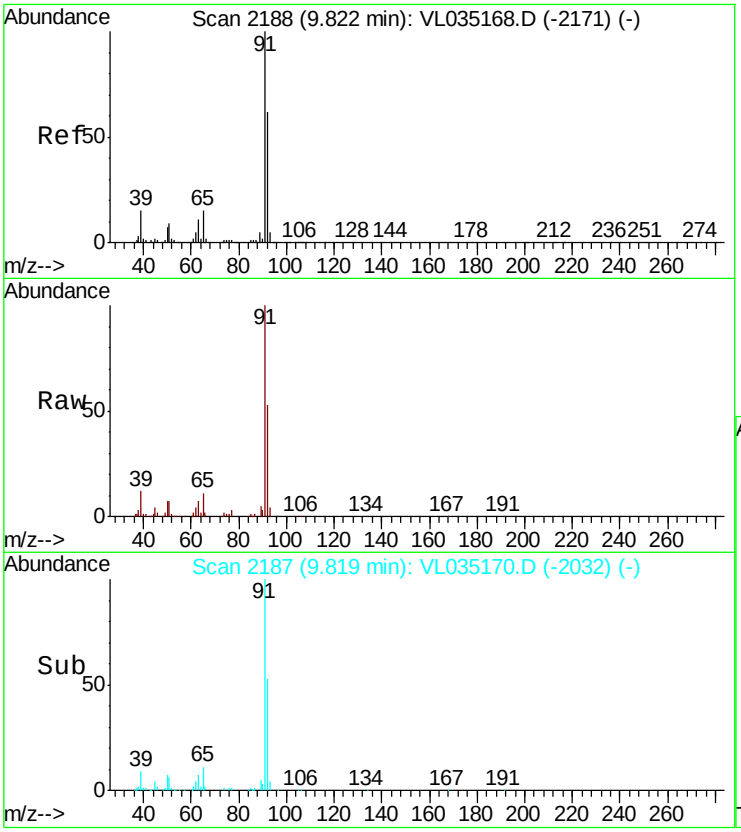


#52
Tetrachloroethene
Concen: 0.935 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:164 Resp: 78502

Ion	Ratio	Lower	Upper
164	100		
166	115.2	100.7	151.1
129	84.3	85.8	128.6#
131	95.7	82.0	123.0



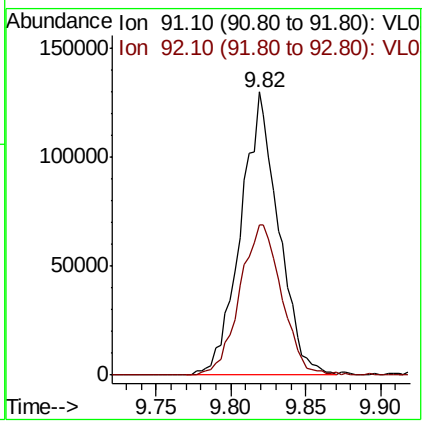


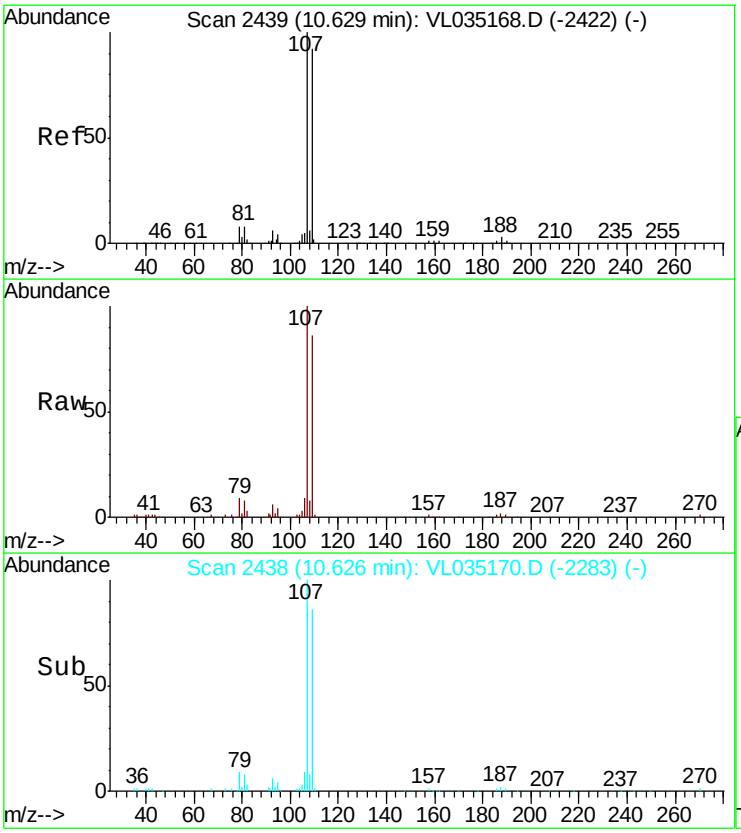
#53
Toluene
Concen: 0.905 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 229227

Ion	Ratio	Lower	Upper
91	100		
92	58.9	48.4	72.6

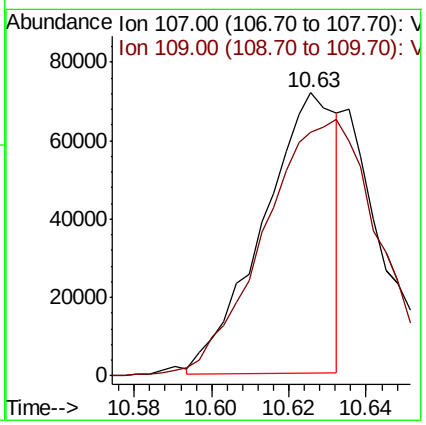


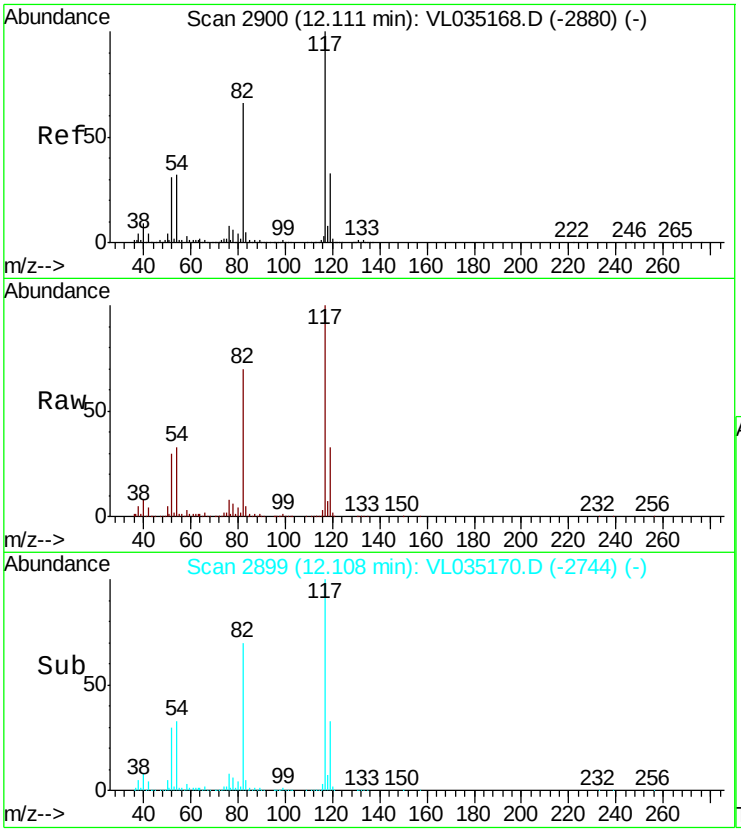


#54
1,2-Dibromoethane
Concen: 0.627 ppbv
RT: 10.63 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:107 Resp: 94474

Ion	Ratio	Lower	Upper
107	100		
109	84.5	74.0	111.0



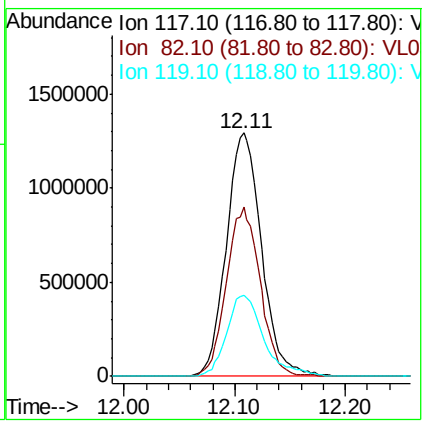


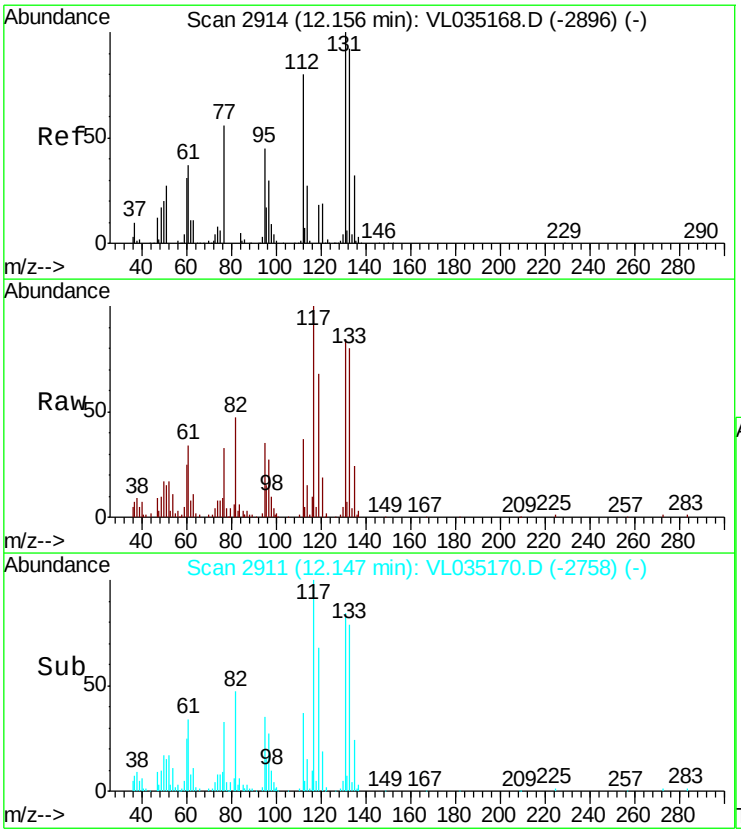
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 2862795

Ion	Ratio	Lower	Upper
117	100		
82	66.8	52.3	78.5
119	35.1	24.9	37.3

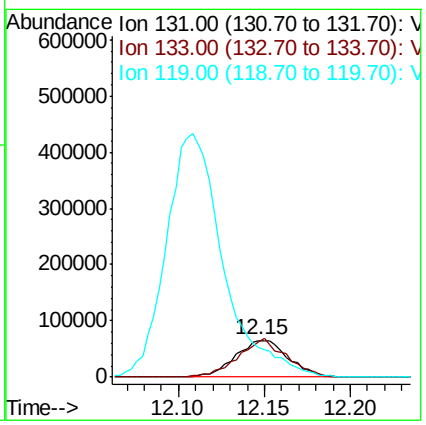


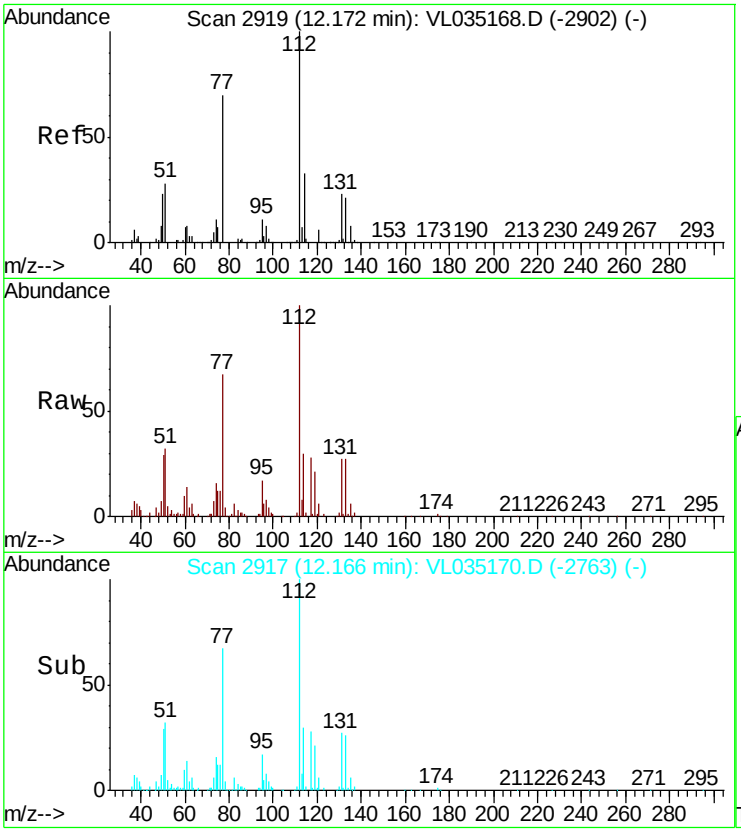


#56
1,1,1,2-Tetrachloroethane
Concen: 1.176 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:131 Resp: 139424

Ion	Ratio	Lower	Upper
131	100		
133	95.1	75.4	113.2
119	720.0	42.4	63.6#



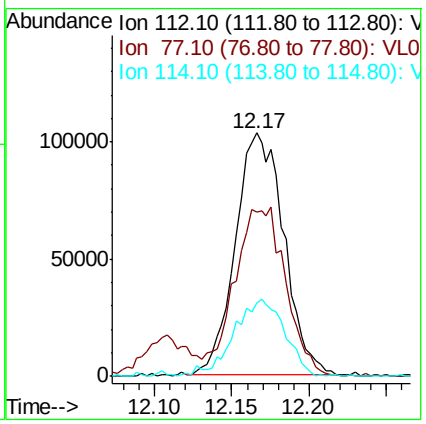


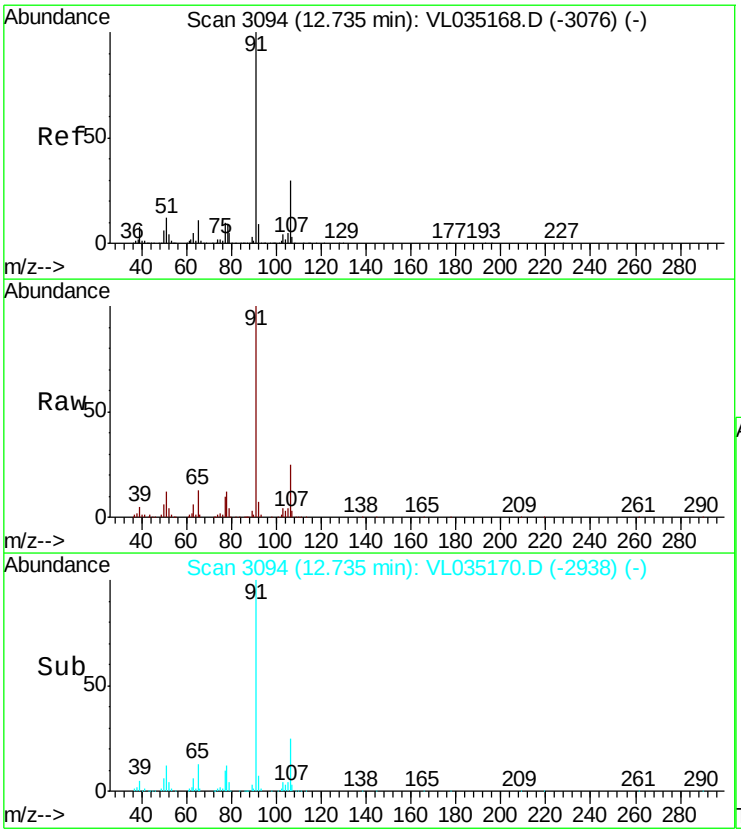
#57
Chlorobenzene
Concen: 1.063 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:112 Resp: 224597

Ion	Ratio	Lower	Upper
112	100		
77	67.0	57.0	85.4
114	29.5	30.2	37.0#

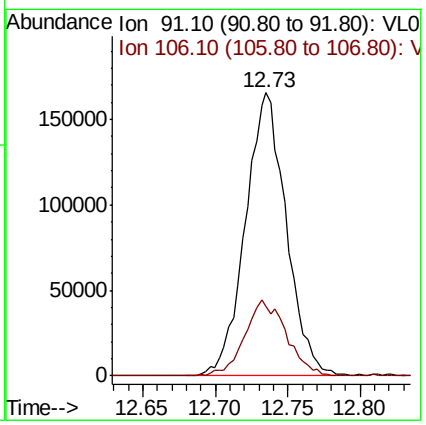


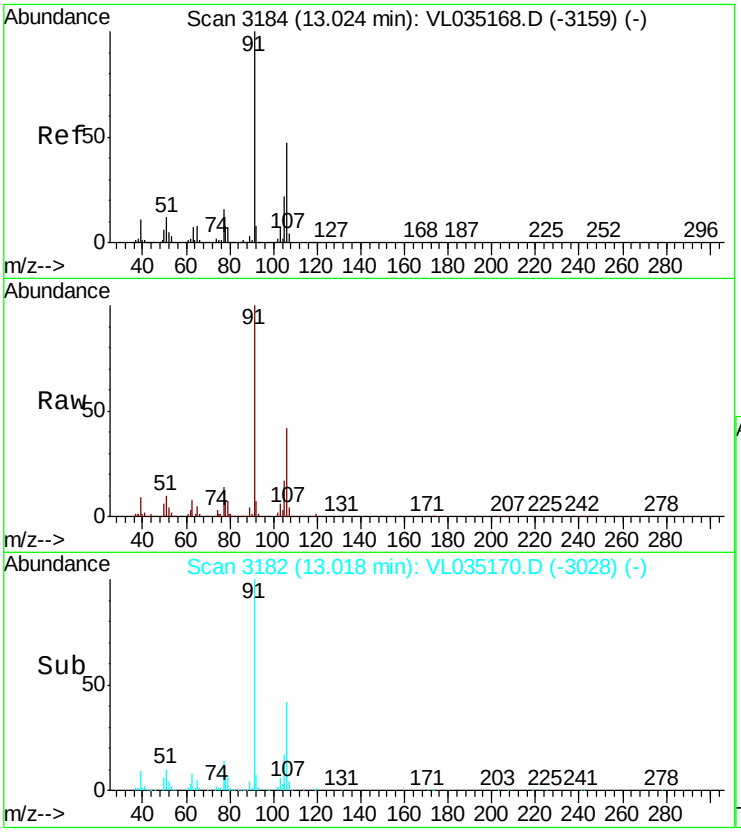


#58
Ethyl Benzene
Concen: 1.003 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 91 Resp: 324465

Ion	Ratio	Lower	Upper
91	100		
106	24.7	24.2	36.2



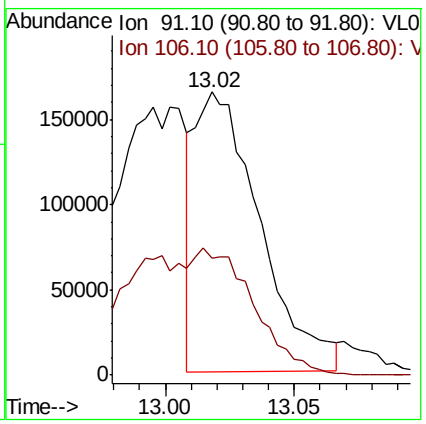


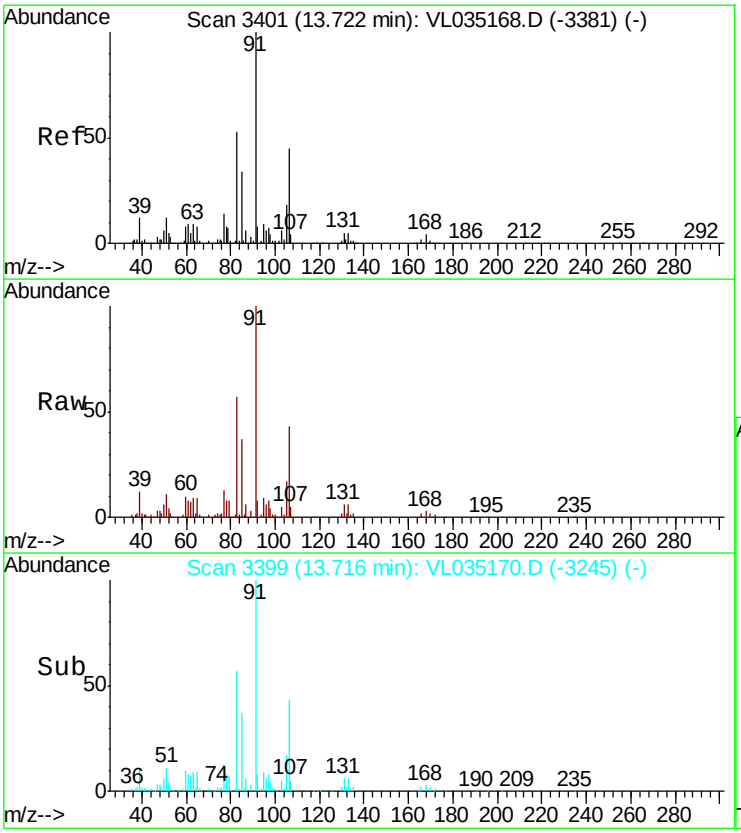
#59
m/p-Xylene
Concen: 1.001 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 287025

Ion	Ratio	Lower	Upper
91	100		
106	90.1	36.2	54.2#

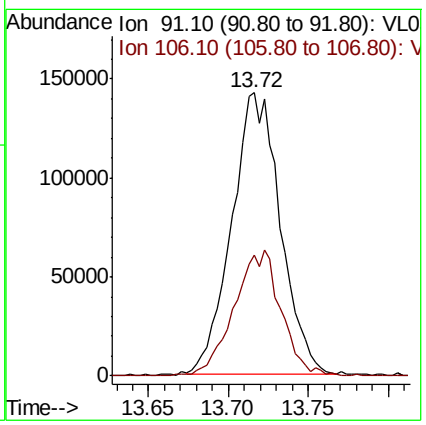


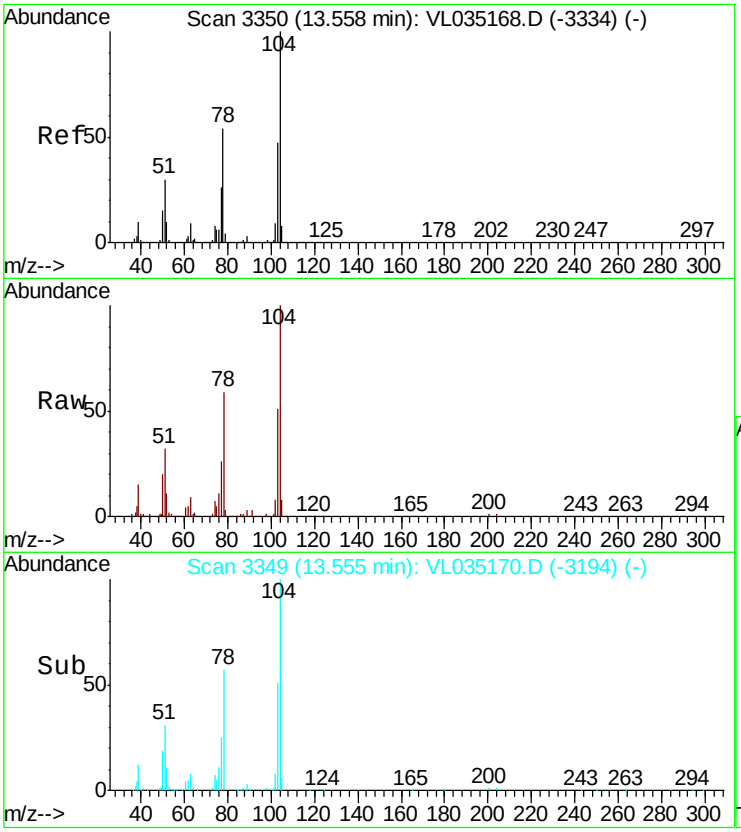


#60
o-Xylene
Concen: 1.029 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 91 Resp: 294342

Ion	Ratio	Lower	Upper
91	100		
106	43.5	22.1	66.3



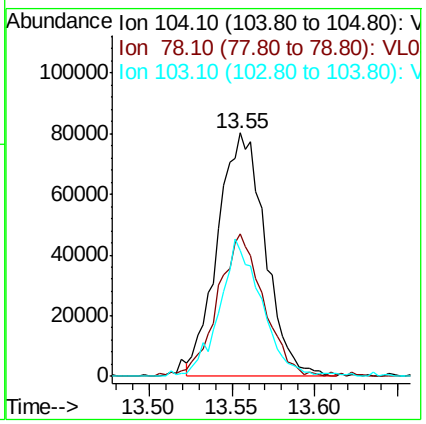


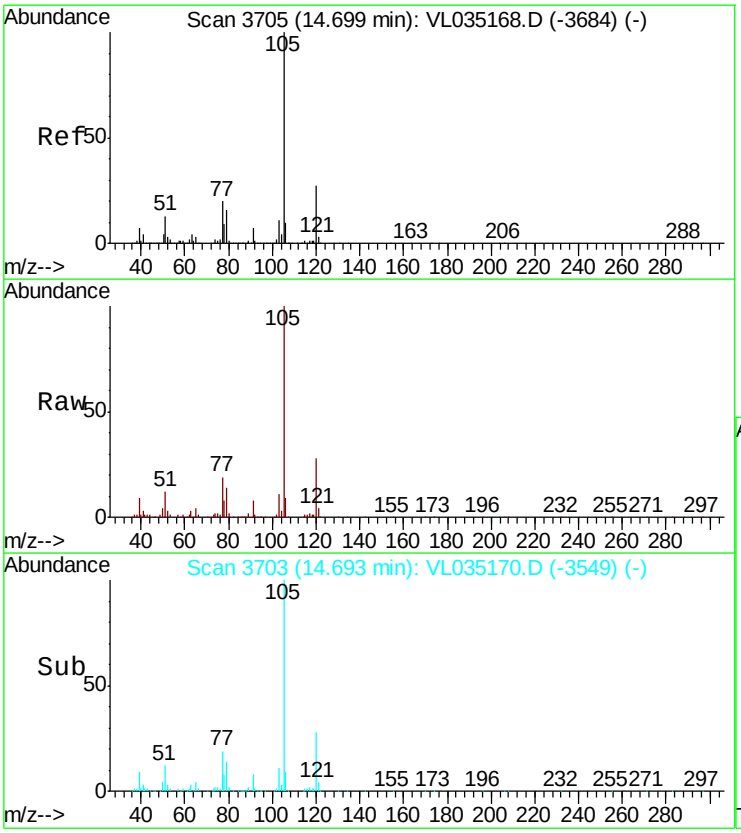
#61
Stvrene
Concen: 0.887 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 159717

Ion	Ratio	Lower	Upper
104	100		
78	56.5	43.4	65.0
103	50.3	37.4	56.0

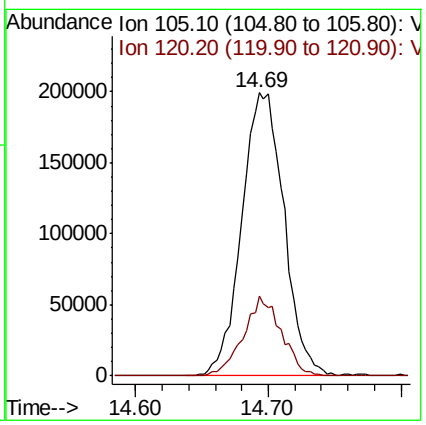


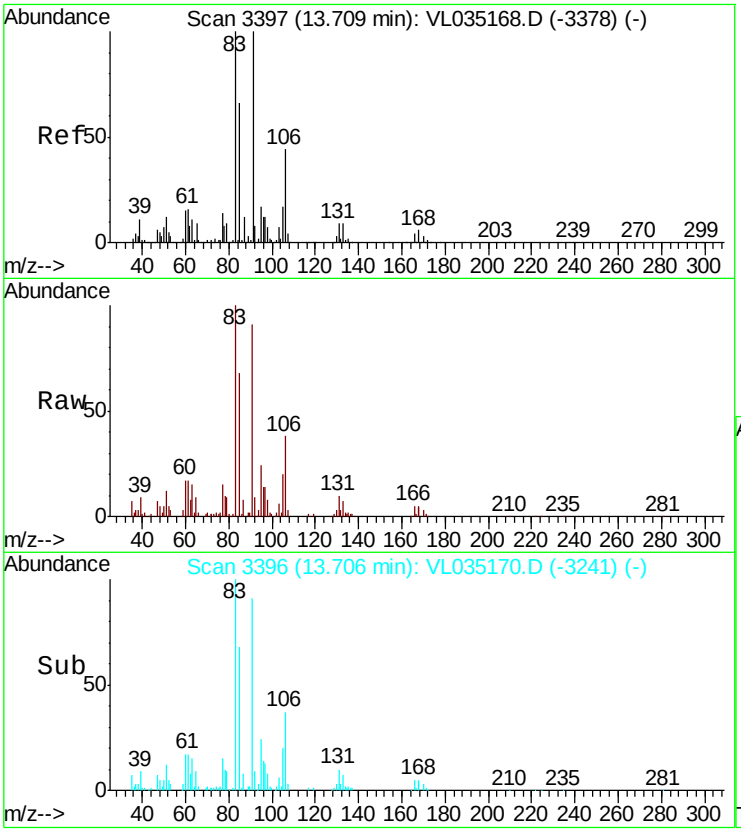


#62
Isopropylbenzene
Concen: 1.032 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:105 Resp: 440737

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.7	31.1



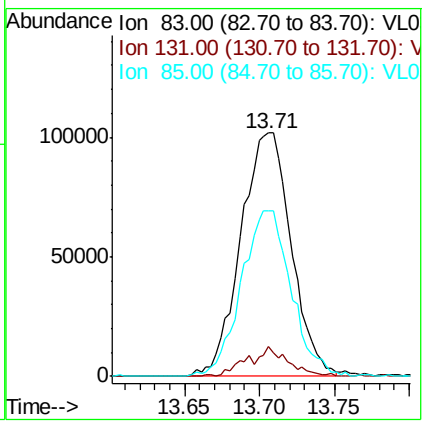


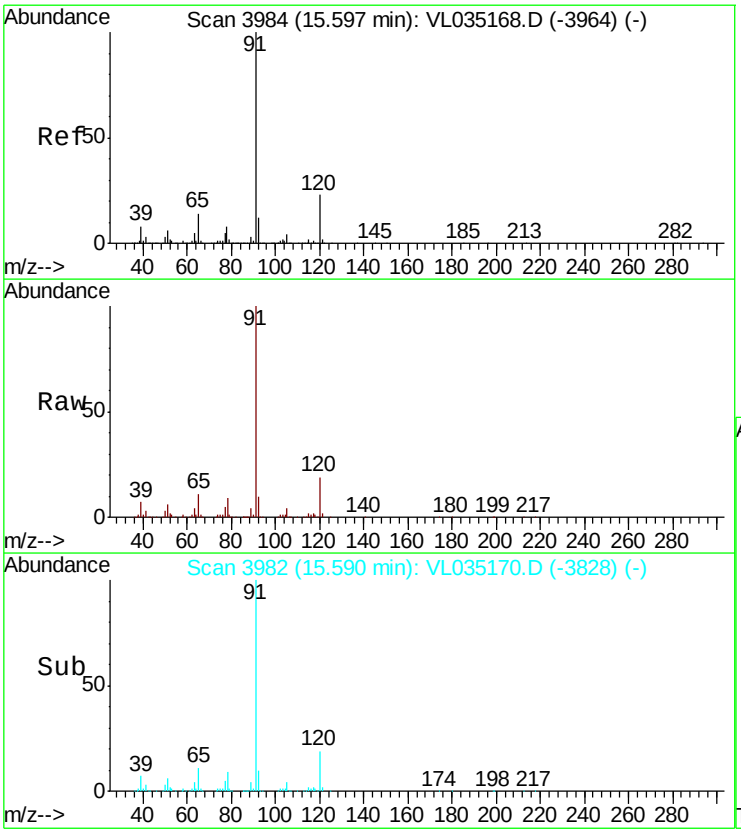
#63
1,1,2,2-Tetrachloroethane
Concen: 1.024 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 83 Resp: 236926

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.0
85	68.0	33.0	99.0

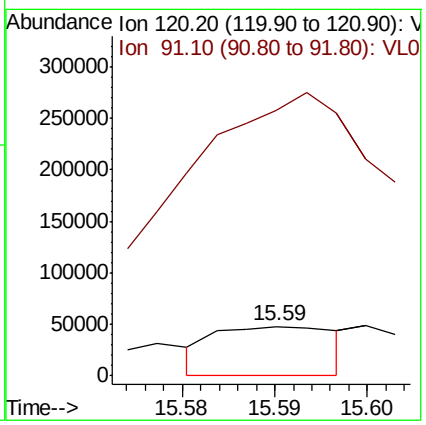


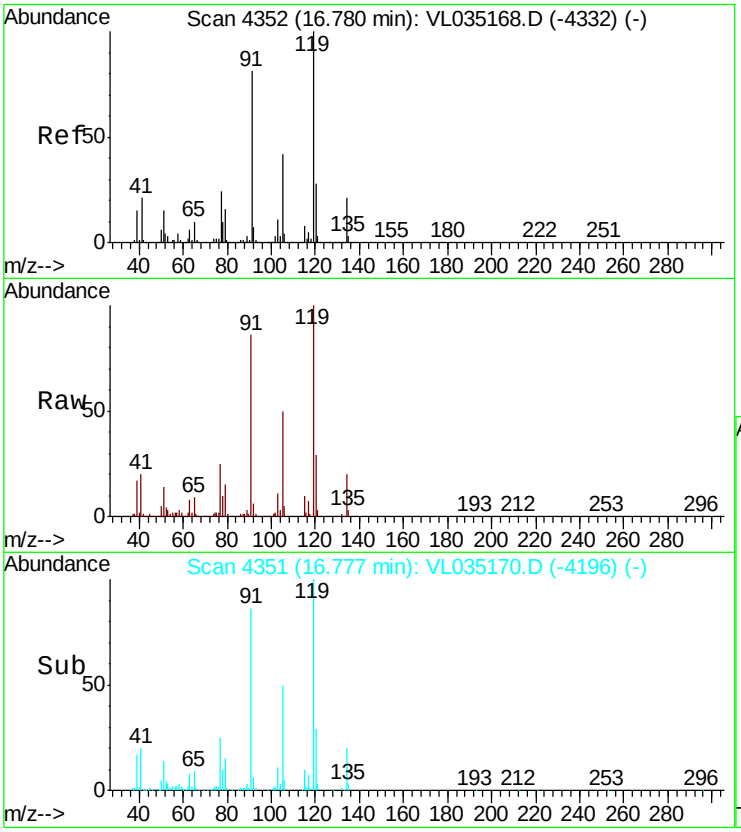


#64
n-propylbenzene
Concen: 0.402 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:120 Resp: 43870

Ion	Ratio	Lower	Upper
120	100		
91	1310.4	372.4	558.6#



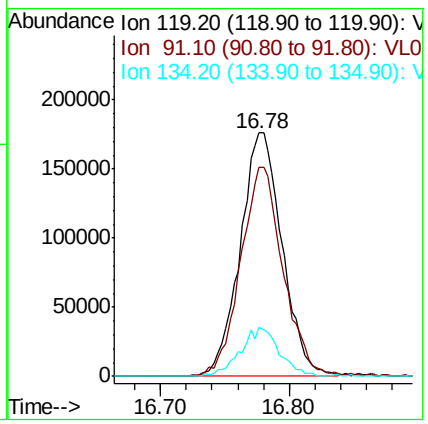


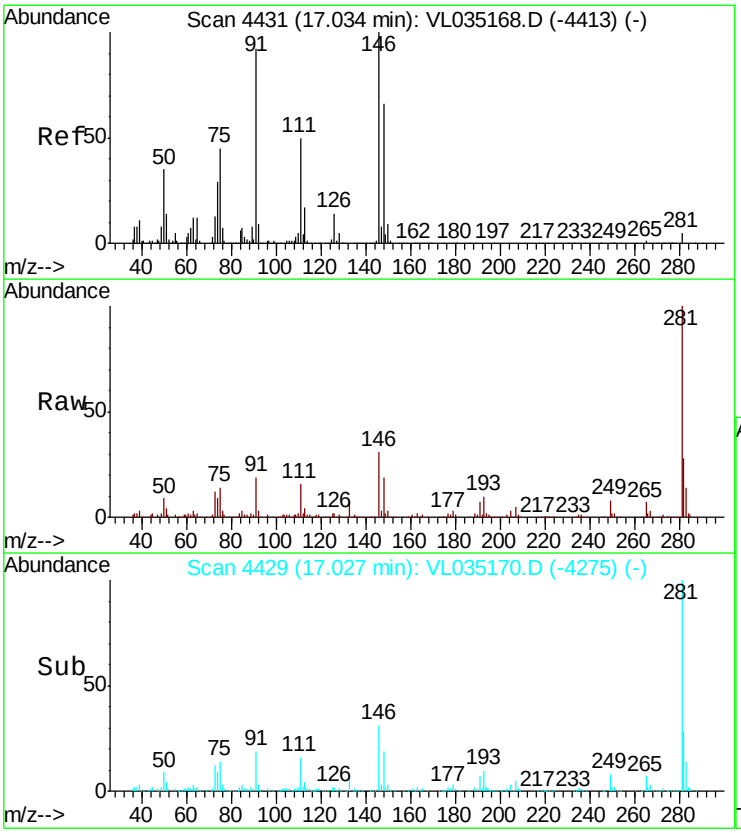
#65
tert-Butylbenzene
Concen: 1.083 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:119 Resp: 398909

Ion	Ratio	Lower	Upper
119	100		
91	86.7	67.5	101.3
134	18.8	16.0	24.0

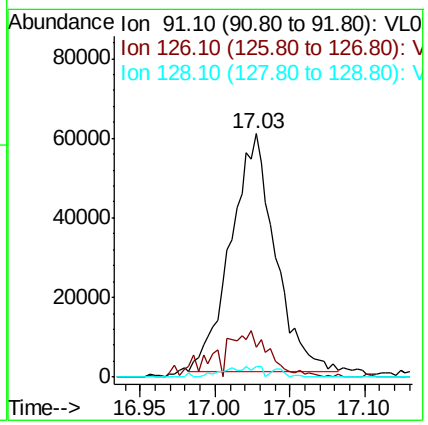


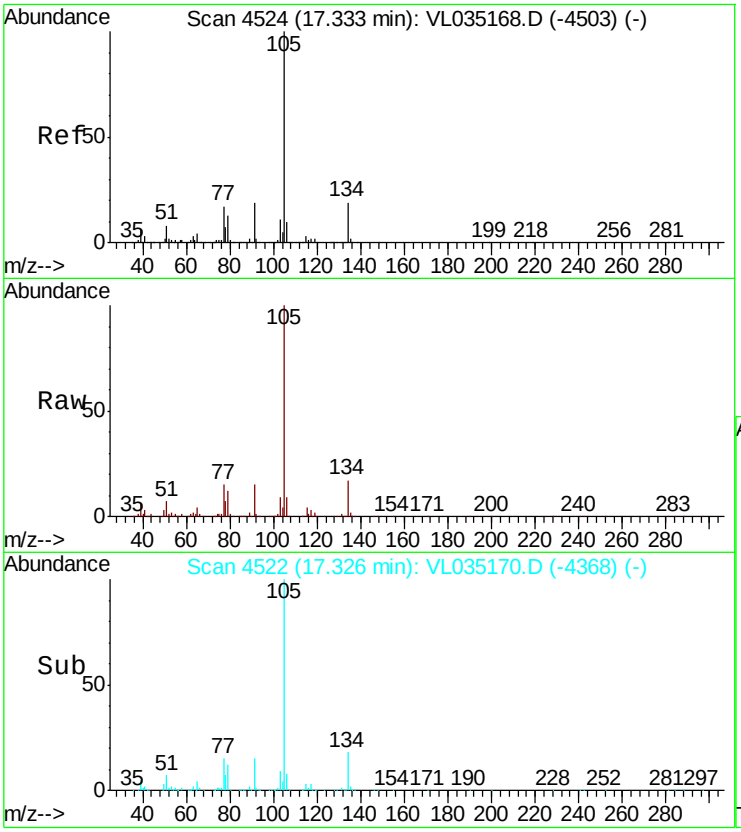


#66
Benzyl Chloride
Concen: 1.057 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 91 Resp: 122827

Ion	Ratio	Lower	Upper
91	100		
126	23.0	13.9	20.9#
128	4.9	4.2	6.4



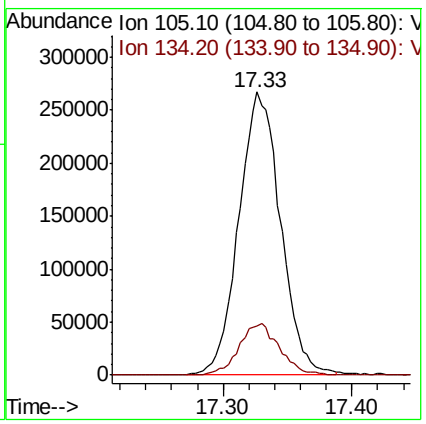


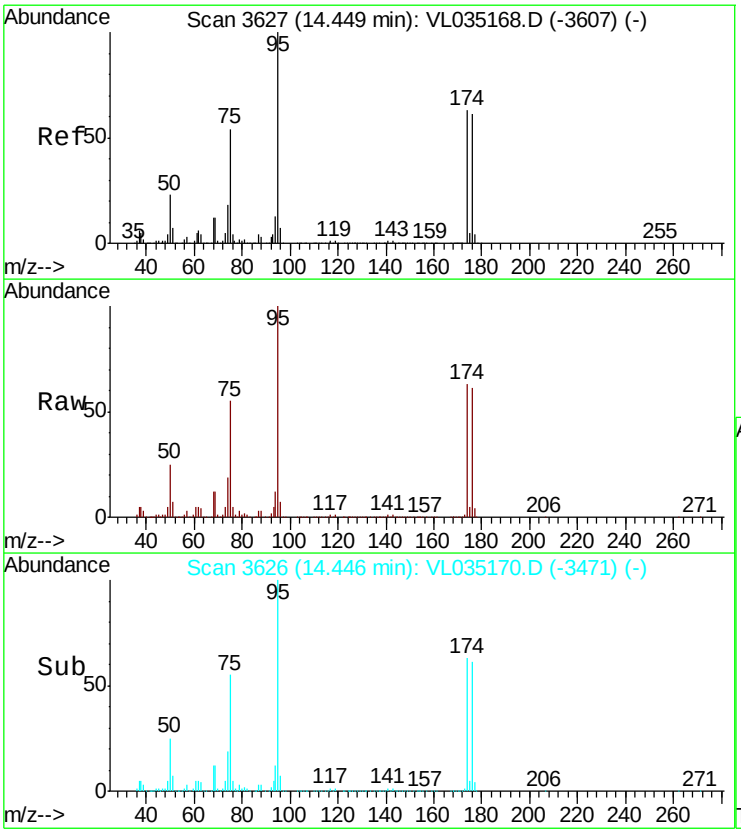
#67
sec-Butylbenzene
Concen: 1.138 ppbv
RT: 17.33 min Scan# 4522
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 601798

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.6	21.8

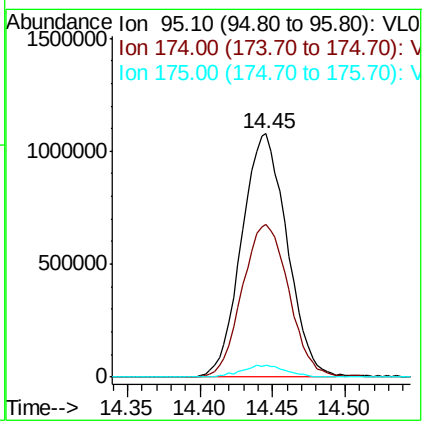


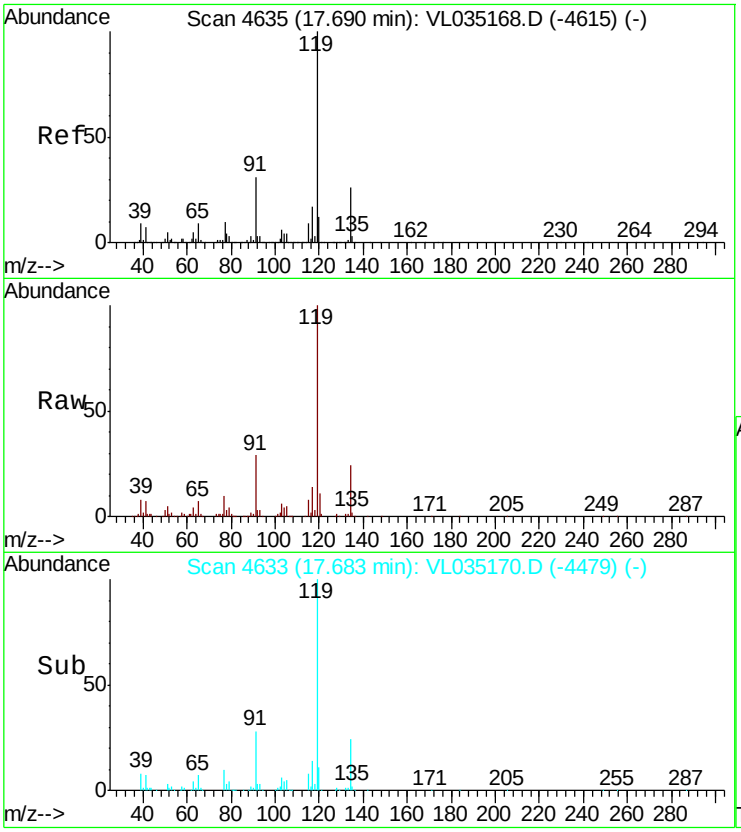


#68
1-Bromo-4-Fluorobenzene
Concen: 9.825 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 95 Resp: 2337461

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.9	4.0	6.0



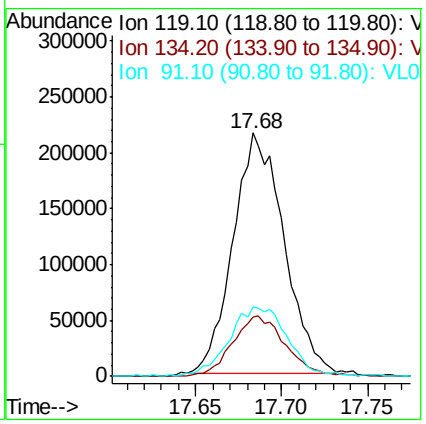


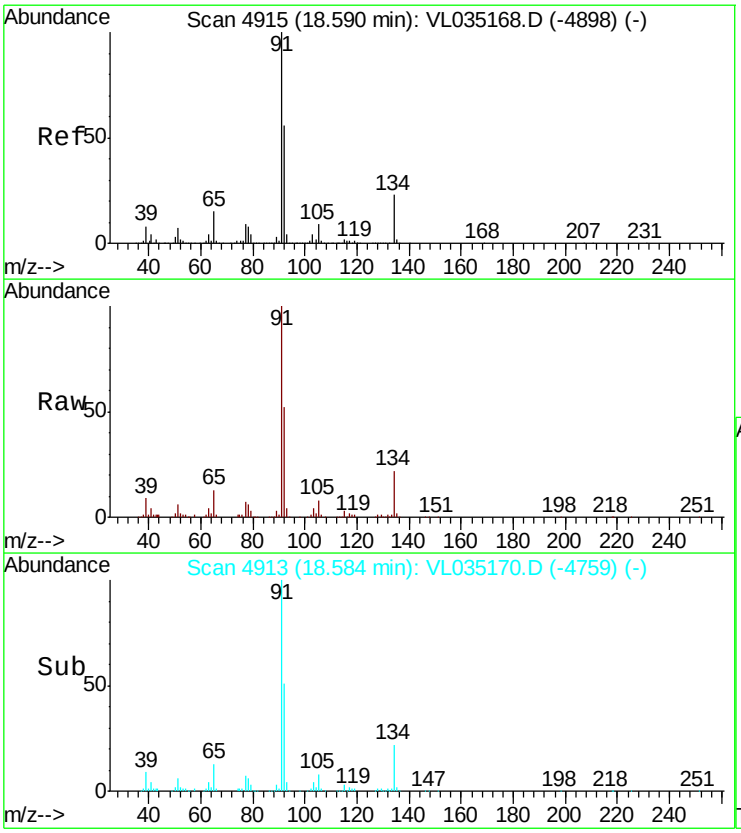
#69
p-Isopropyltoluene
Concen: 1.044 ppbv
RT: 17.68 min Scan# 4633
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:119 Resp: 440405

Ion	Ratio	Lower	Upper
119	100		
134	26.4	20.8	31.2
91	33.9	24.9	37.3

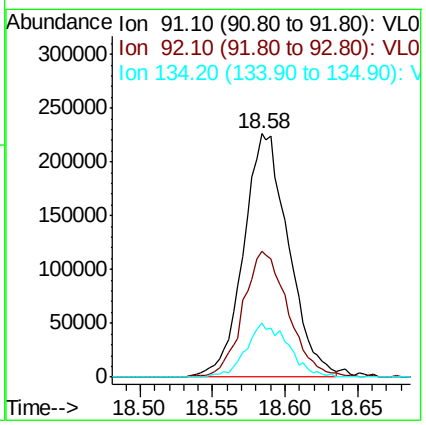


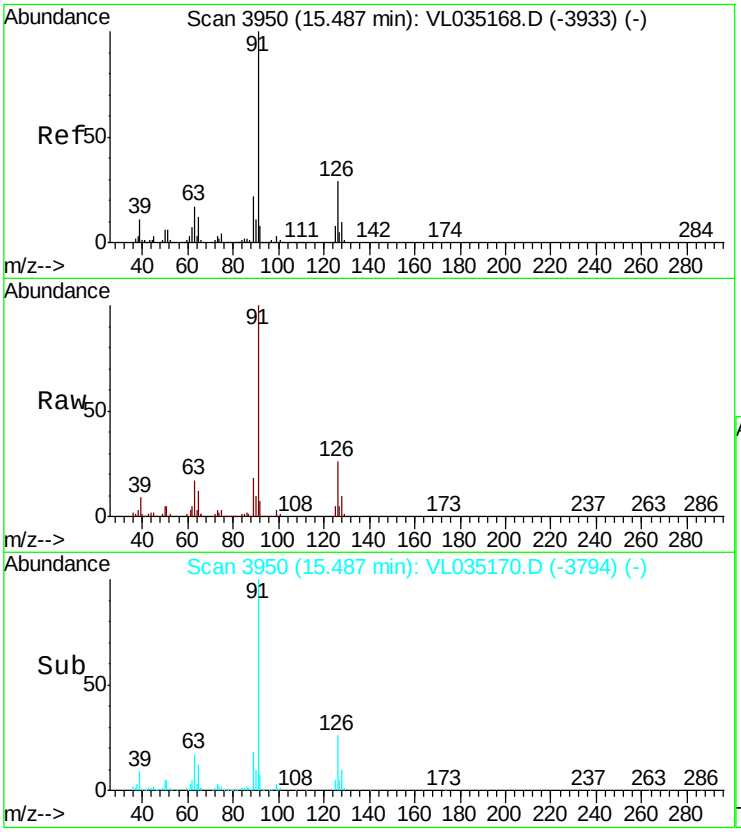


#70
n-Butylbenzene
Concen: 1.071 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion: 91 Resp: 487499

Ion	Ratio	Lower	Upper
91	100		
92	52.3	44.0	66.0
134	21.1	18.0	27.0



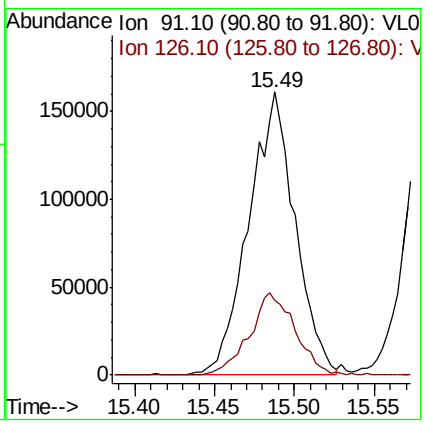


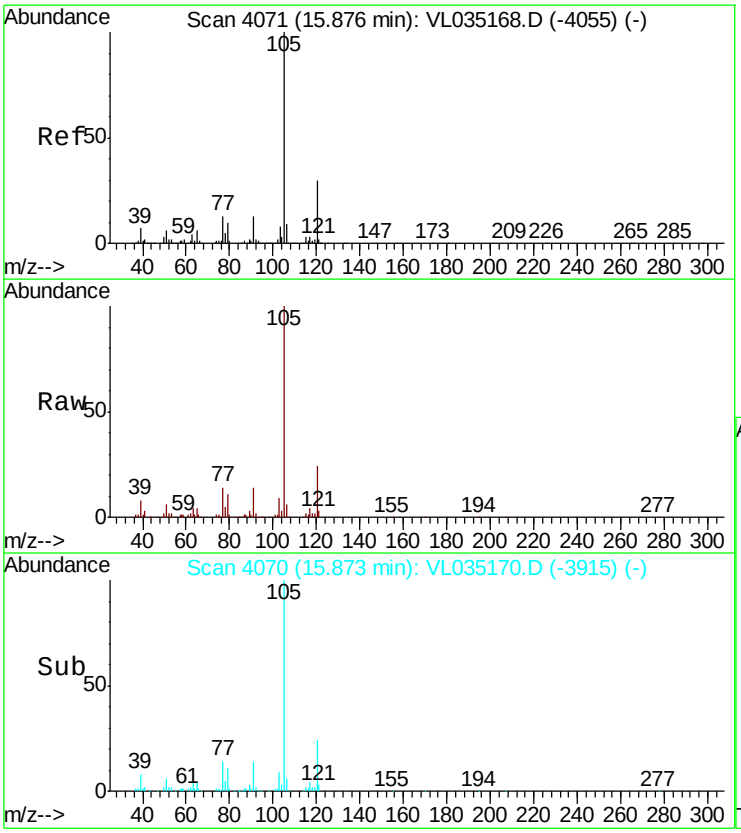
#71
2-Chlorotoluene
Concen: 0.995 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 91 Resp: 321192

Ion	Ratio	Lower	Upper
91	100		
126	28.9	12.0	48.0

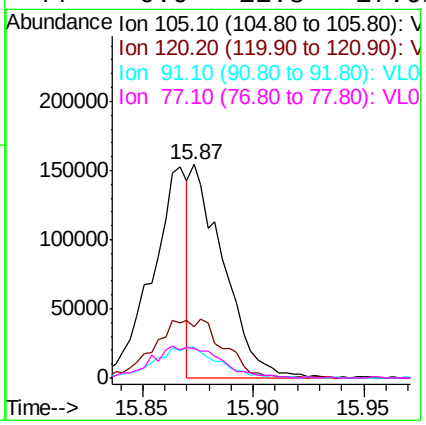


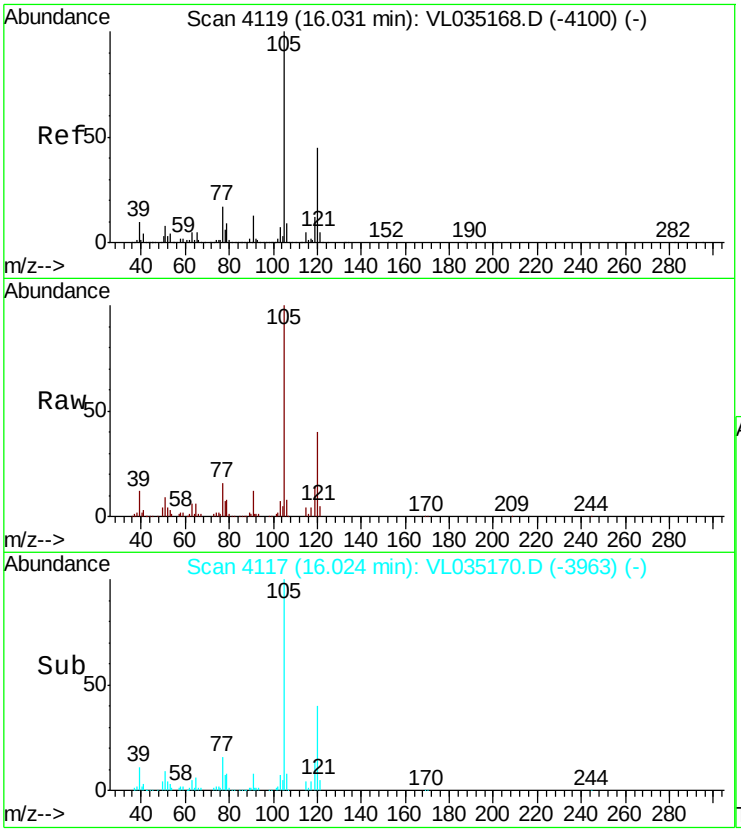


#72
4-Ethyltoluene
Concen: 0.492 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:105 Resp: 157191

Ion	Ratio	Lower	Upper
105	100		
120	59.0	23.2	34.8#
91	0.0	10.9	16.3#
77	0.0	11.8	17.6#



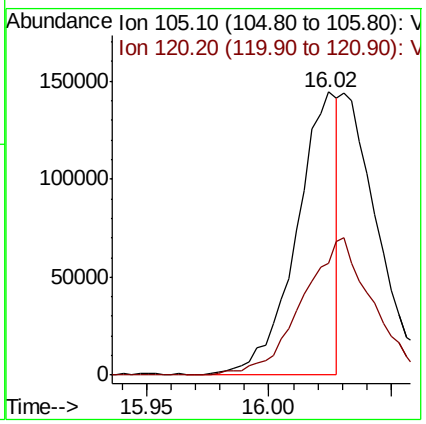


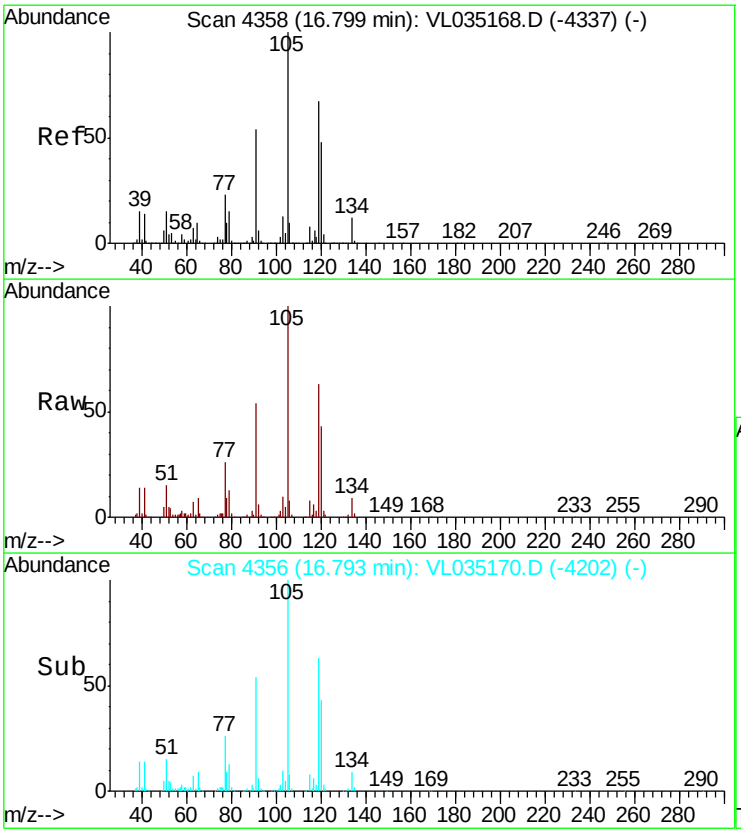
#73
1,3,5-Trimethylbenzene
Concen: 0.558 ppbv
RT: 16.02 min Scan# 4117
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 169227

Ion	Ratio	Lower	Upper
105	100		
120	39.7	36.2	54.2

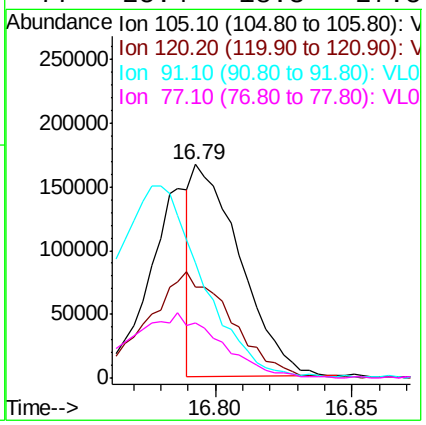


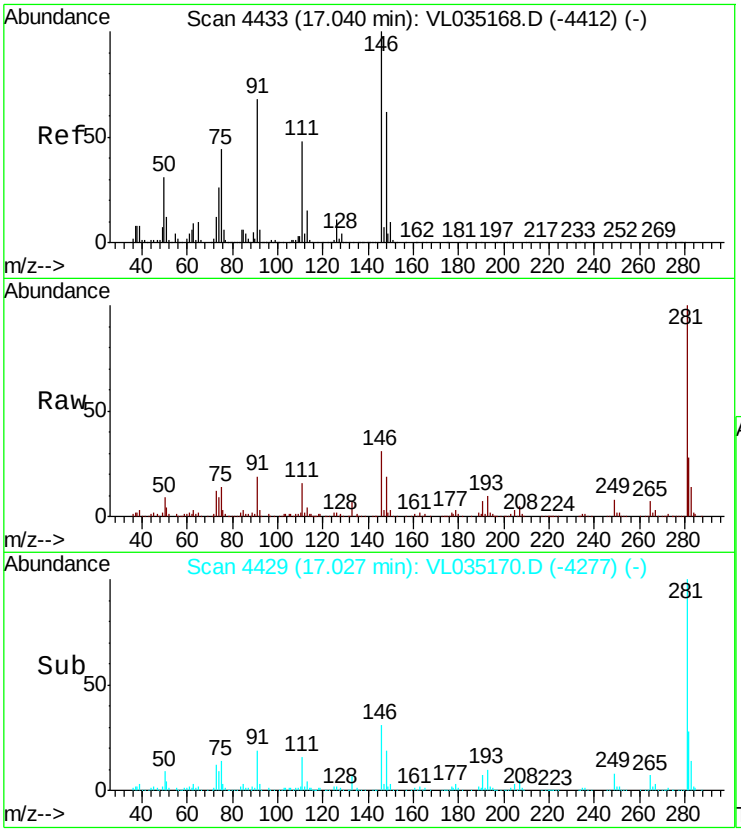


#74
1,2,4-Trimethylbenzene
Concen: 0.598 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:105 Resp: 202742

Ion	Ratio	Lower	Upper
105	100		
120	42.7	38.6	57.8
91	53.8	43.6	65.4
77	25.4	18.3	27.5



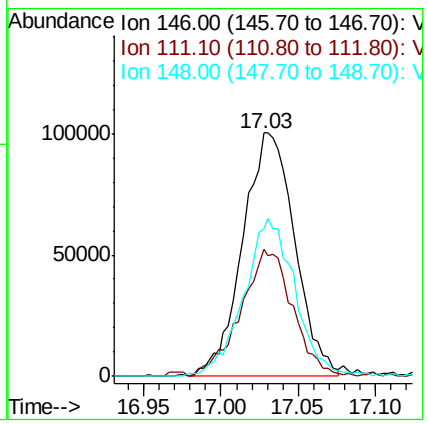


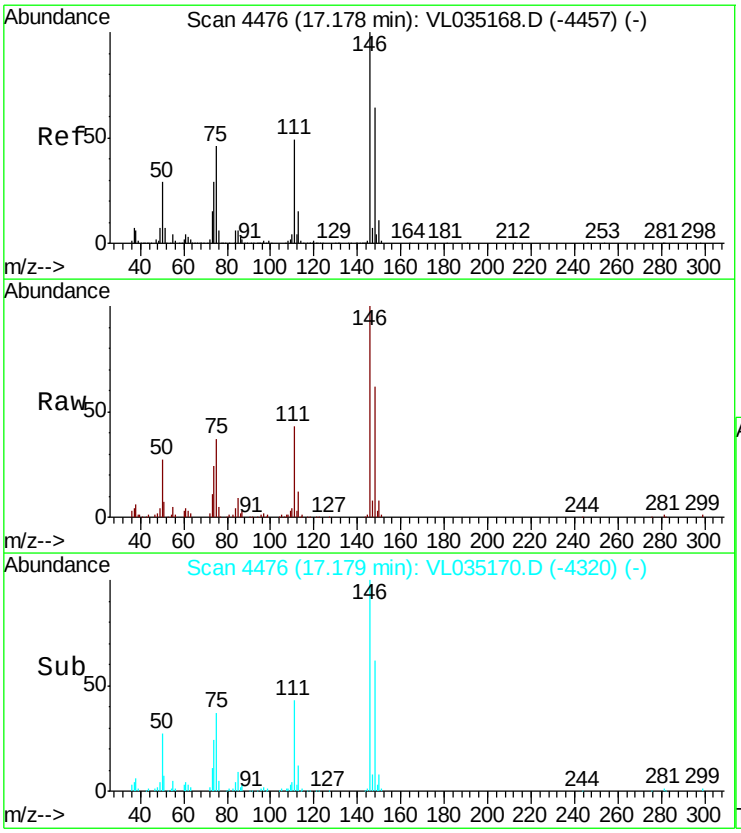
#75
1,3-Dichlorobenzene
Concen: 1.154 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 232777

Ion	Ratio	Lower	Upper
146	100		
111	53.3	24.7	74.1
148	64.6	32.4	97.0

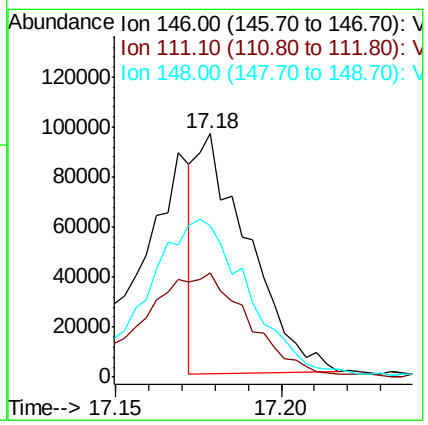


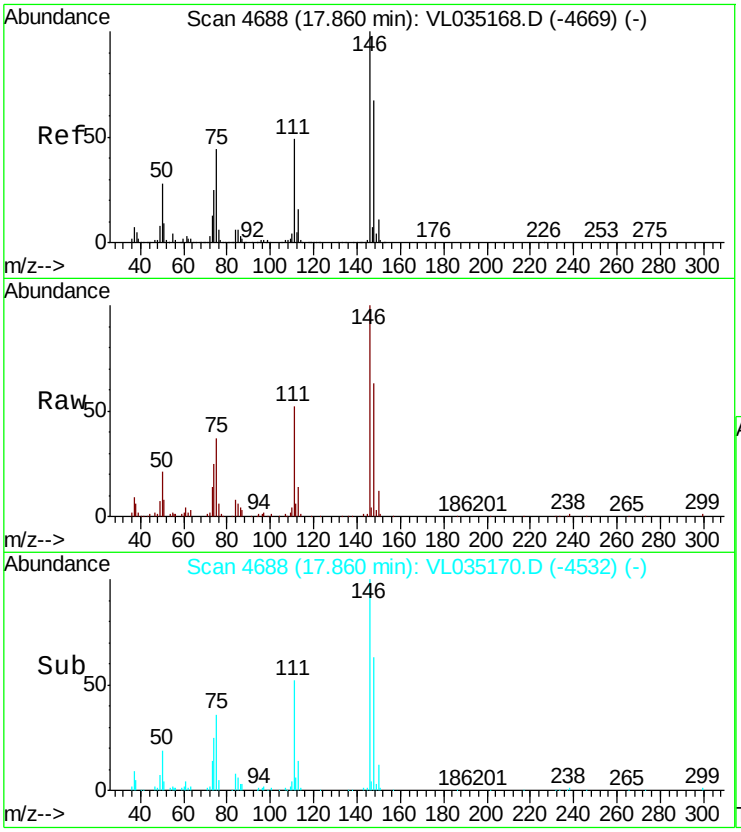


#76
1,4-Dichlorobenzene
Concen: 0.539 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:146 Resp: 104461

Ion	Ratio	Lower	Upper
146	100		
111	90.0	23.8	71.2#
148	134.8	32.3	96.9#



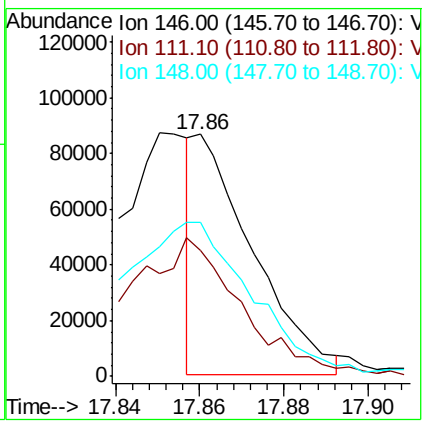


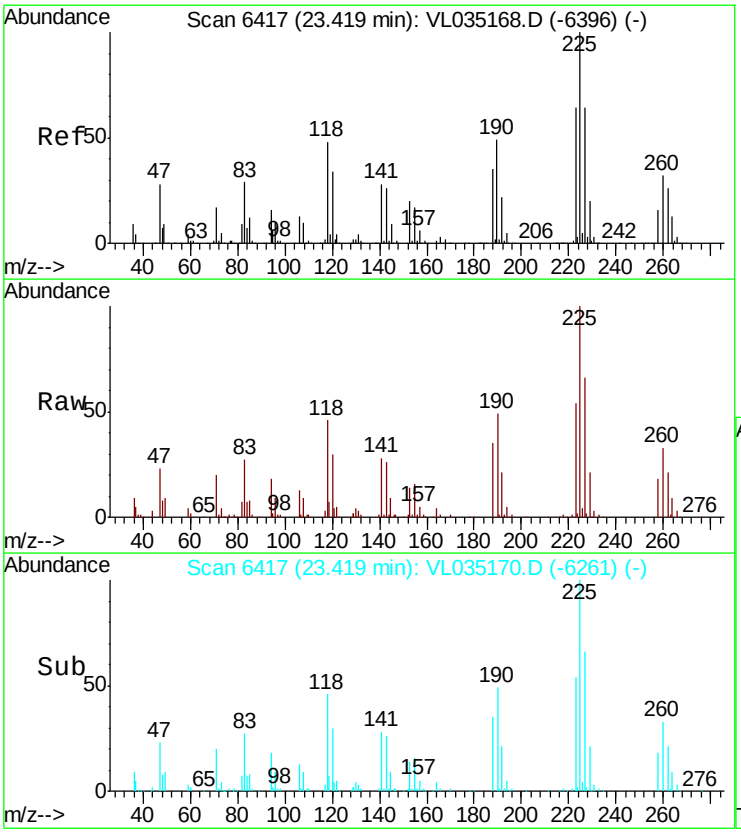
#77
1,2-Dichlorobenzene
Concen: 0.447 ppbv
RT: 17.86 min Scan# 4688
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 83044

Ion	Ratio	Lower	Upper
146	100		
111	122.8	25.1	75.2#
148	156.6	32.4	97.0#

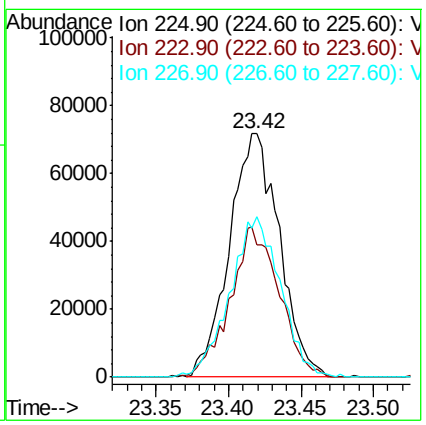


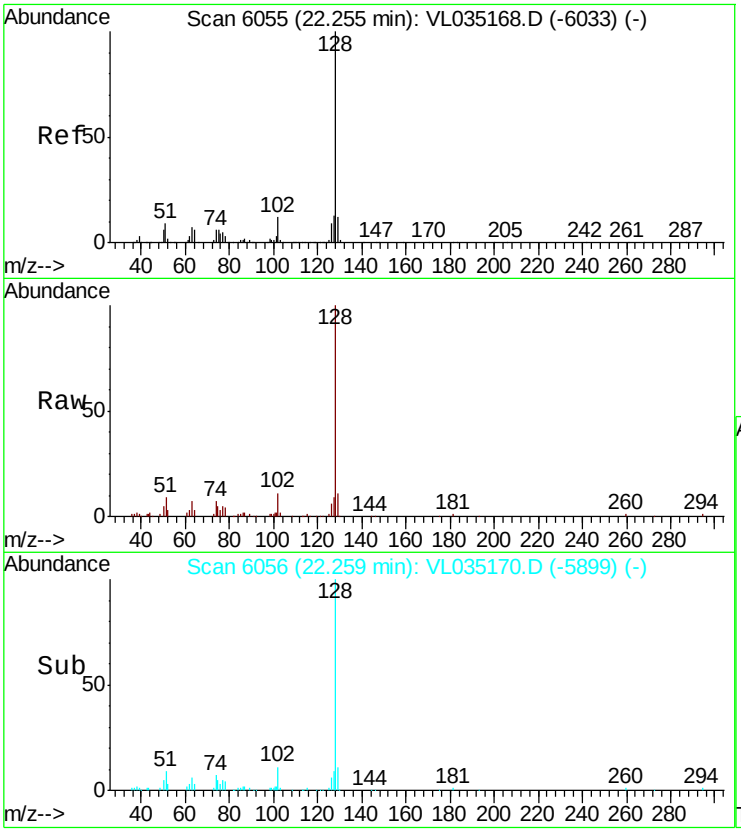


#78
Hexachloro-1,3-Butadiene
Concen: 1.051 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:225 Resp: 171798

Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.2	75.2
227	66.6	51.2	76.8



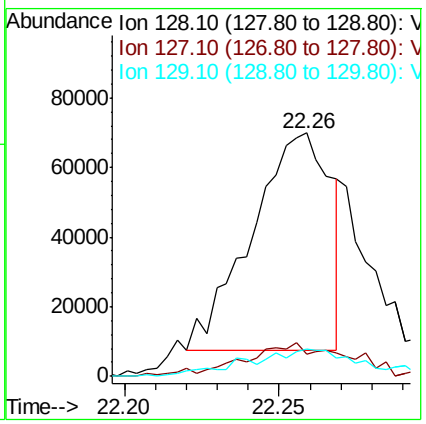


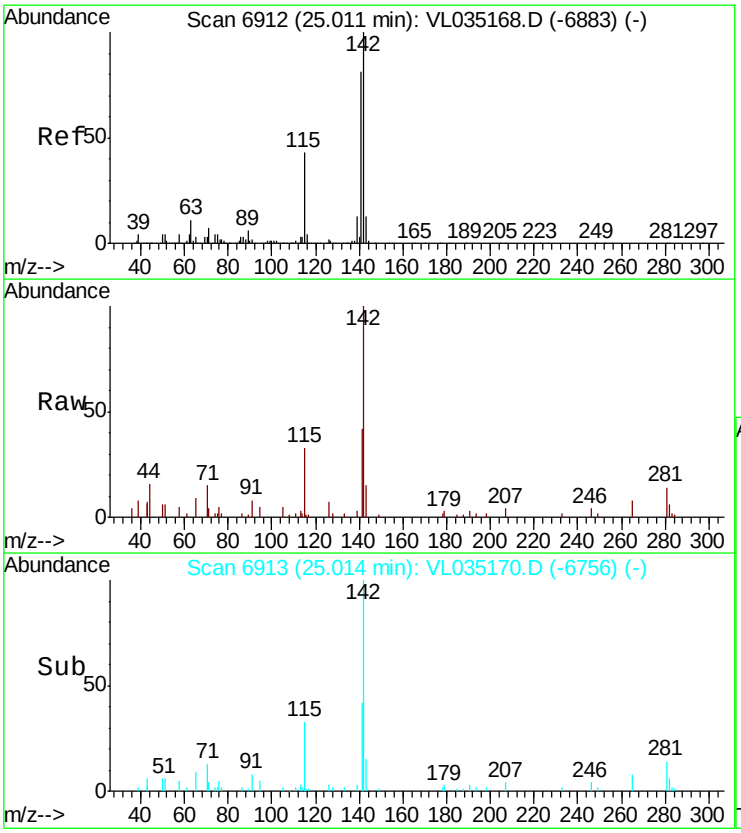
#79
Naphthalene
Concen: 0.384 ppbv
RT: 22.26 min Scan# 6056
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 110763

Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.8	16.2#
129	9.7	9.4	14.2

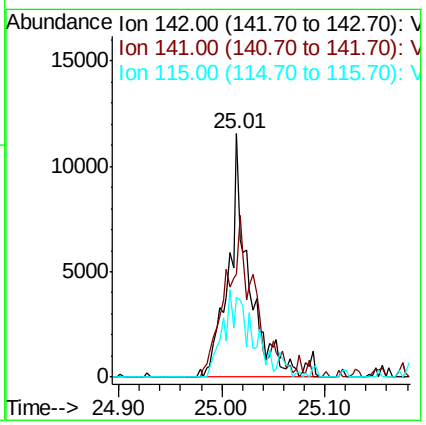


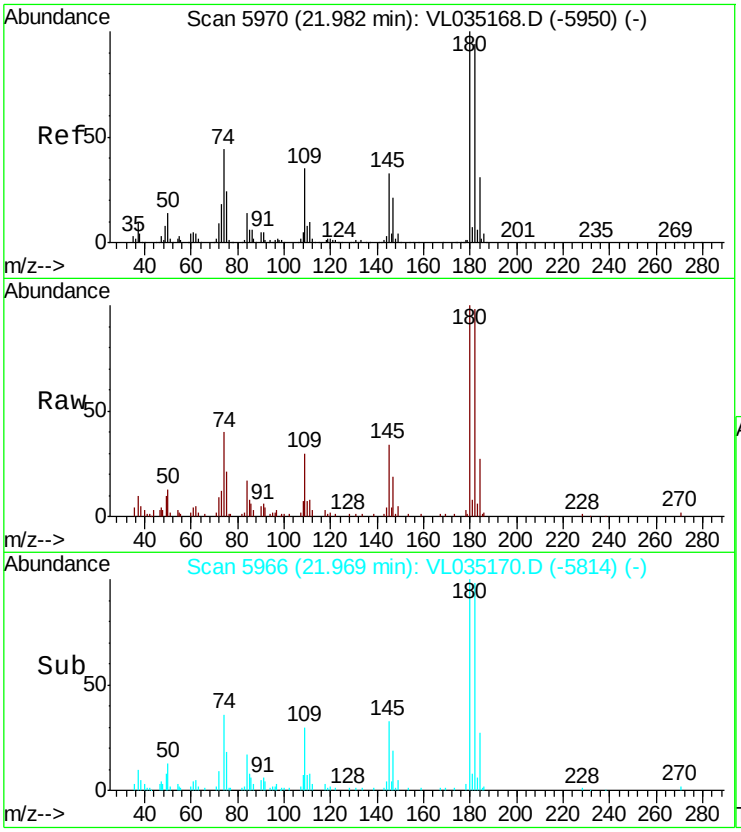


#80
Naphthalene,2-methyl-
Concen: 0.153 ppbv
RT: 25.01 min Scan# 6913
Delta R.T. 0.00 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Tgt Ion:142 Resp: 16099

Ion	Ratio	Lower	Upper
142	100		
141	92.6	68.2	102.4
115	53.5	34.4	51.6#





#81
1,2,4-Trichlorobenzene
Concen: 0.226 ppbv
RT: 21.97 min Scan# 5966
Delta R.T. -0.01 min
Lab File: VL035170.D
Acq: 8 Jul 2020 3:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 37964

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.7	115.1#
184	0.0	25.0	37.6#