Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

Quantitation Report (Not Reviewed)

Data File : VL035382.D
Acq On : 12 Aug 2020 12:37
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Aug 12 15:23:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1381721	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3252842	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3292499	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2506832	9.13	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	327372	1.781	ppbv	97
3) Chlorodifluoromethane	2.98	51	346198	2.195	ppbv	100
4) Chloromethane	3.14	50	185905	2.082	ppbv	97
5) Vinyl Chloride	3.25	62	187133	2.037	ppbv	99
6) Bromomethane	3.47	94	104960	1.865	ppbv	94
7) Chloroethane	3.56	64	66138	1.939	ppbv	93
8) Dichlorotetrafluoroethane	3.18	85	425965	1.961	ppbv	97
9) Propene	3.00	41	176221	3.135	ppbv	100
10) Heptane	8.14	43	466443	3.249	ppbv	98
11) Trichlorofluoromethane	3.95	101	434127	1.823	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	299055	1.757	ppbv	98
13) Ethanol	3.61	45	61883	3.192	ppbv	94
14) Bromoethene	3.74	108	130449	1.912	ppbv	95
15) Acetone	3.85	43	385615	1.965	ppbv	98
16) 1,3-Butadiene	3.32	39	187369	2.481	ppbv	96
17) tert-Butyl alcohol	4.29	59	414726	2.303	ppbv	100
18) 1,1-Dichloroethene	4.29	96	137752	1.885	ppbv	93
19) Isopropyl Alcohol	3.97	45	271797	2.185	ppbv #	84
20) Methylene Chloride	4.34	84	143971	1.799	ppbv	98
21) Allyl Chloride	4.41	41	255017	2.268	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	136360	1.924	ppbv	89
23) Vinyl Acetate	5.08	43	603989	3.210	ppbv	98
24) 1,1-Dichloroethane	5.02	63	393031	2.223	ppbv	99
25) Ethyl Acetate	5.69	43	790302	2.651	ppbv	99
26) Hexane	5.69	57	349417	2.702	ppbv	99
27) Carbon Disulfide	4.55	76	371101	2.052	ppbv	97
28) Methyl tert-Butyl Ether	5.04	73	545978	2.904	ppbv	100
29) Chloroform	5.76	83	472606	2.120	ppbv	99
30) Cyclohexane	7.14	84	274616	2.800	ppbv	89
31) cis-1,2-Dichloroethene	5.55	61	341229	2.968	ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	495948	2.116	ppbv	98
34) 2-Butanone	5.25	43	512230	3.198	ppbv	100
35) Carbon Tetrachloride	7.02	117	480725	2.148	ppbv	98
36) Benzene	6.90	78	680771	3.099	ppbv	97
37) 1,2-Dichloroethane	6.31	62	373858	2.436	ppbv	99
38) Trichloroethene	7.85	130	251456	2.482	ppbv	96
39) 1,2-Dichloropropane	7.62	63	265799	2.989	ppbv	100
40) 1,4-Dioxane	7.86	88	92339	2.425	ppbv #	57
41) Tetrahydrofuran	6.07	42	300112	3.818	ppbv	98
42) Bromodichloromethane	7.80	83	541667	2.629	ppbv	96
43) Methyl Methacrylate	8.03	69	303676	3.286	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

Quantitation Report (Not Reviewed)

Data File : VL035382.D
Acq On : 12 Aug 2020 12:37
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Aug 12 15:23:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	1203819	3.085	ppbv		98
45) t-1,3-Dichloropropene	9.29	75	345611	3.605	ppbv		94
46) cis-1,3-Dichloropropene	8.71	75	415024	3.585	ppbv		96
47) 1,1,2-Trichloroethane	9.49	97	150843	1.411	ppbv		97
48) Dibromochloromethane	10.32	129	444899	2.540	ppbv		99
49) Bromoform	13.06	173	380813	2.386	ppbv		98
50) 4-Methyl-2-Pentanone	8.76	43	762142	3.117	ppbv		99
51) 2-Hexanone	10.16	43	666090	3.474	ppbv		100
52) Tetrachloroethene	11.24	164	224847	2.582	ppbv		96
53) Toluene	9.82	91	822170	3.441	ppbv		98
54) 1,2-Dibromoethane	10.63	107	436701	2.847	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.15	131	349758	2.250	ppbv	#	1
57) Chlorobenzene	12.17	112	614098	2.477	ppbv		93
58) Ethyl Benzene	12.74	91	1126882	3.289	ppbv		97
59) m/p-Xylene	13.02	91	936249	2.935	ppbv	#	34
60) o-Xylene	13.72	91	916891	2.896	ppbv		99
61) Styrene	13.55	104	675049	3.492	ppbv		100
62) Isopropylbenzene	14.69	105	1388272	2.912	ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.70	83	643304	2.382	ppbv		99
64) n-propylbenzene	15.59	120	362639	2.831	ppbv		86
65) tert-Butylbenzene	16.77	119	1234559	2.828	ppbv		99
66) Benzyl Chloride	17.01	91	577992	3.346	ppbv		99
67) sec-Butylbenzene	17.32	105	1811947	2.935	ppbv		97
69) p-Isopropyltoluene	17.68	119	1498562	2.977	ppbv		98
70) n-Butylbenzene	18.57	91	1660998	3.085	ppbv		97
71) 2-Chlorotoluene	15.48	91	1114660	3.192	ppbv		98
72) 4-Ethyltoluene	15.86	105	1118759	3.100	ppbv		98
73) 1,3,5-Trimethylbenzene	16.02	105	1059073	3.058	ppbv		98
74) 1,2,4-Trimethylbenzene	16.79	105	1137627	2.874	ppbv		92
75) 1,3-Dichlorobenzene	17.02	146	609928	2.355	ppbv		99
76) 1,4-Dichlorobenzene	17.16	146	621707	2.592	ppbv		99
77) 1,2-Dichlorobenzene	17.84	146	613107	2.565	ppbv		99
78) Hexachloro-1,3-Butadiene	23.40	225	335197	1.649	ppbv	#	55
79) Naphthalene	22.24	128	1437936	4.723	ppbv		97
80) Naphthalene,2-methyl-	24.99	142	700466	10.114	ppbv		99
81) 1,2,4-Trichlorobenzene	21.96	180	680710	3.548	ppbv		98

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

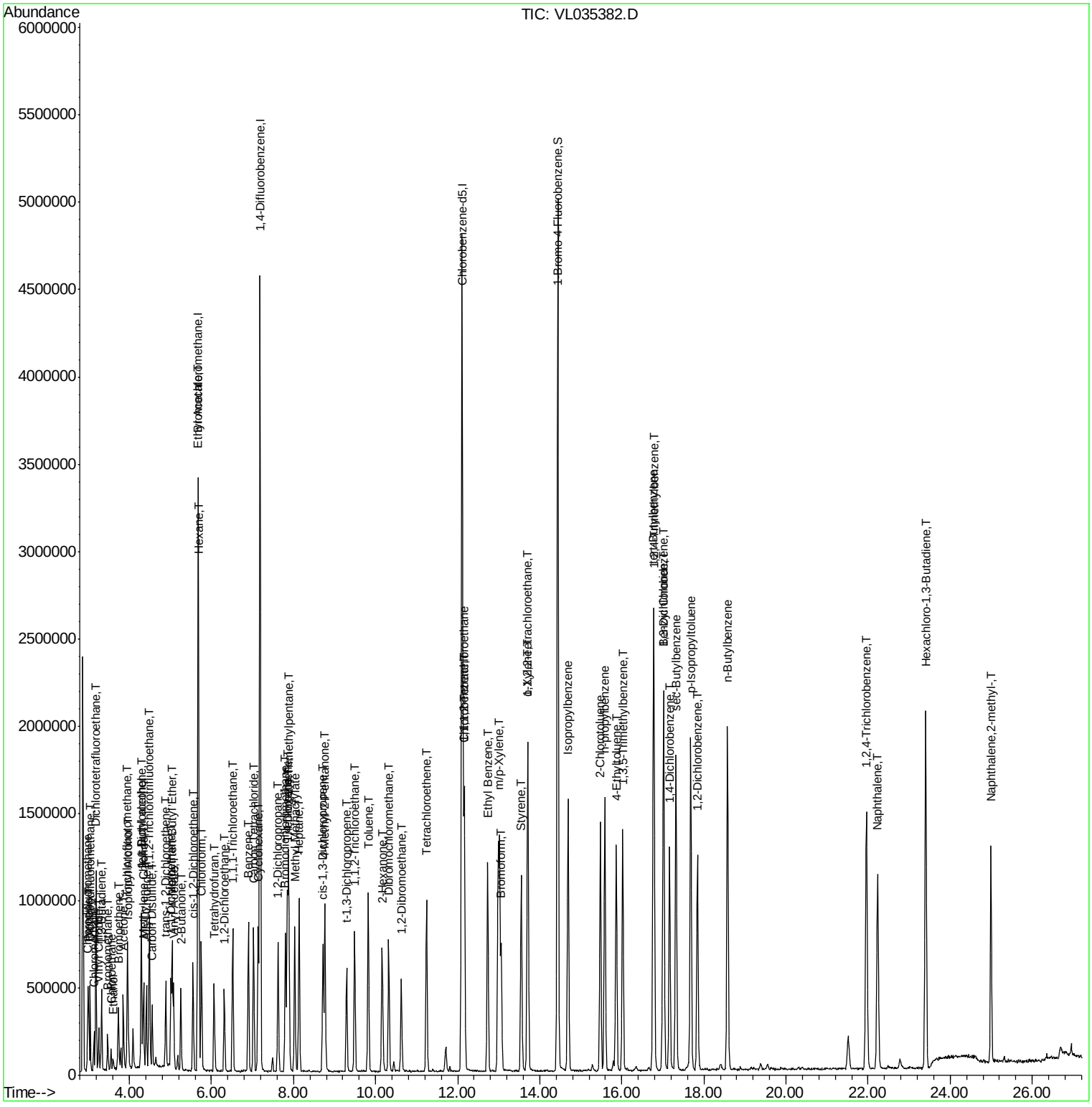
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081220\

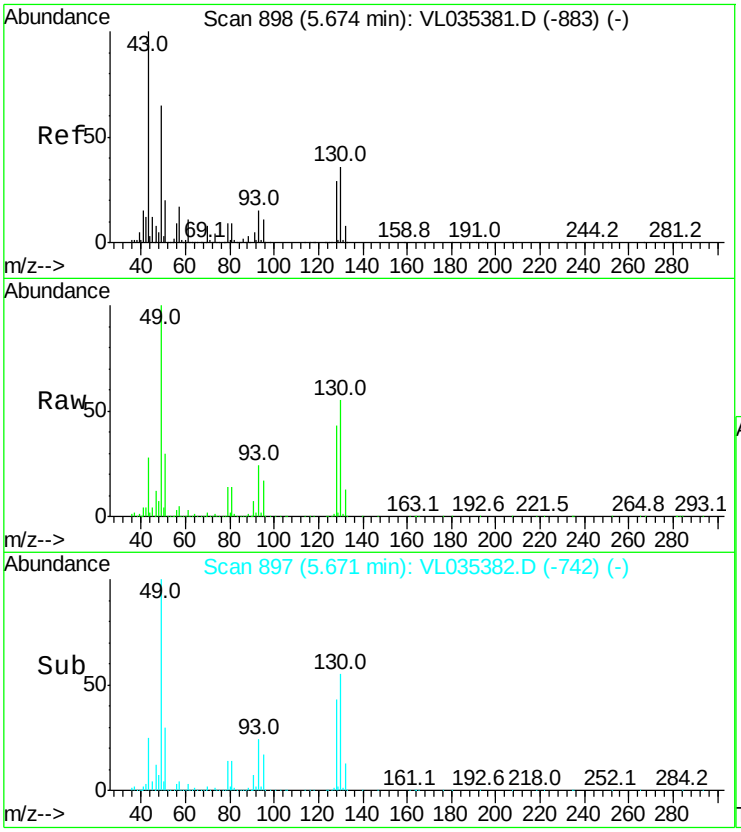
Quantitation Report (Not Reviewed)

Data File : VL035382.D
Acq On : 12 Aug 2020 12:37
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Aug 12 15:23:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 15:19:58 2020
QLast Update : Wed Aug 12 15:19:58 2020
Response via : Initial Calibration



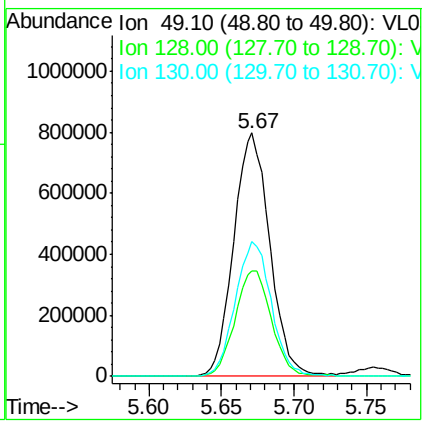


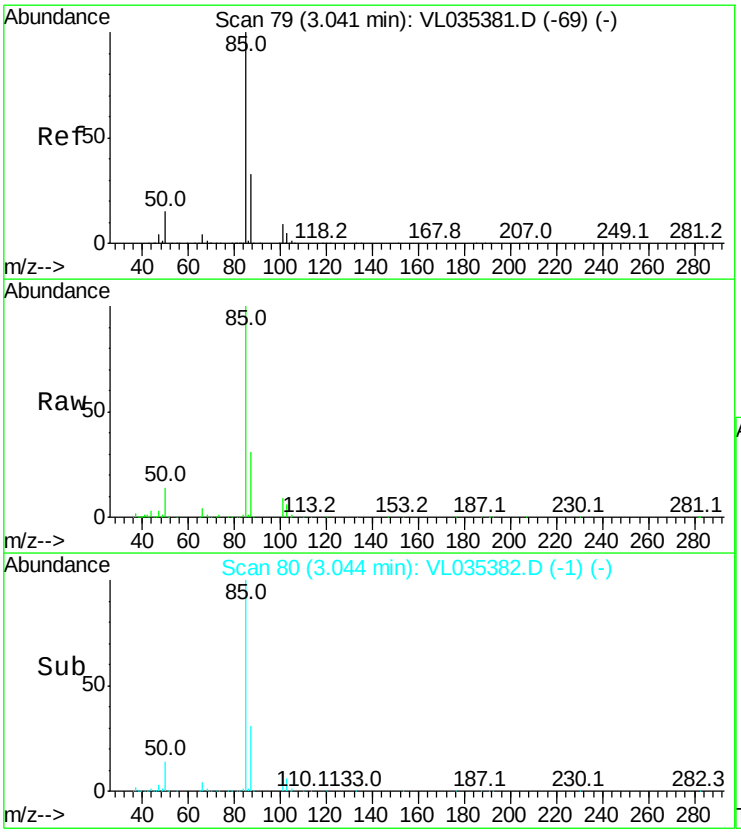
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1381721

Ion	Ratio	Lower	Upper
49	100		
128	44.0	21.8	65.3
130	55.6	27.9	83.6

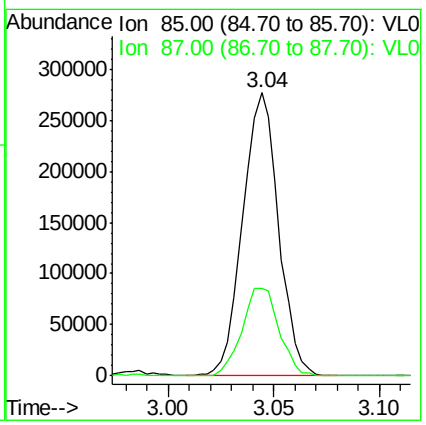


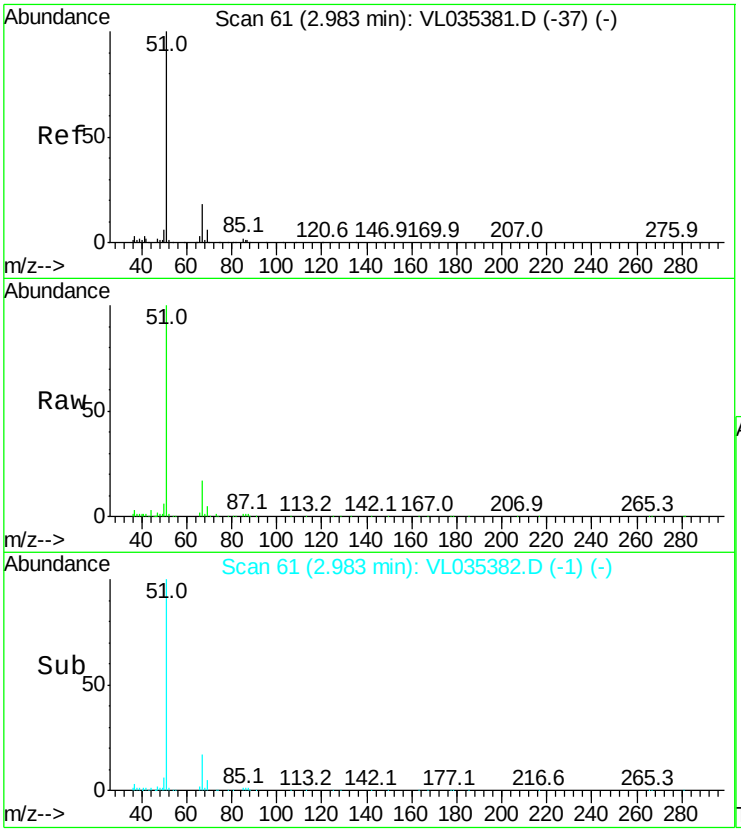


#2
Dichlorodifluoromethane
Concen: 1.781 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 85 Resp: 327372

Ion	Ratio	Lower	Upper
85	100		
87	31.0	26.1	39.1



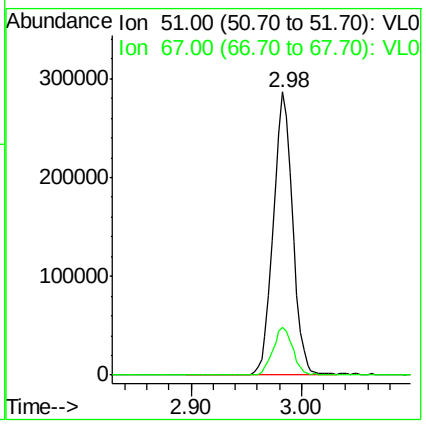


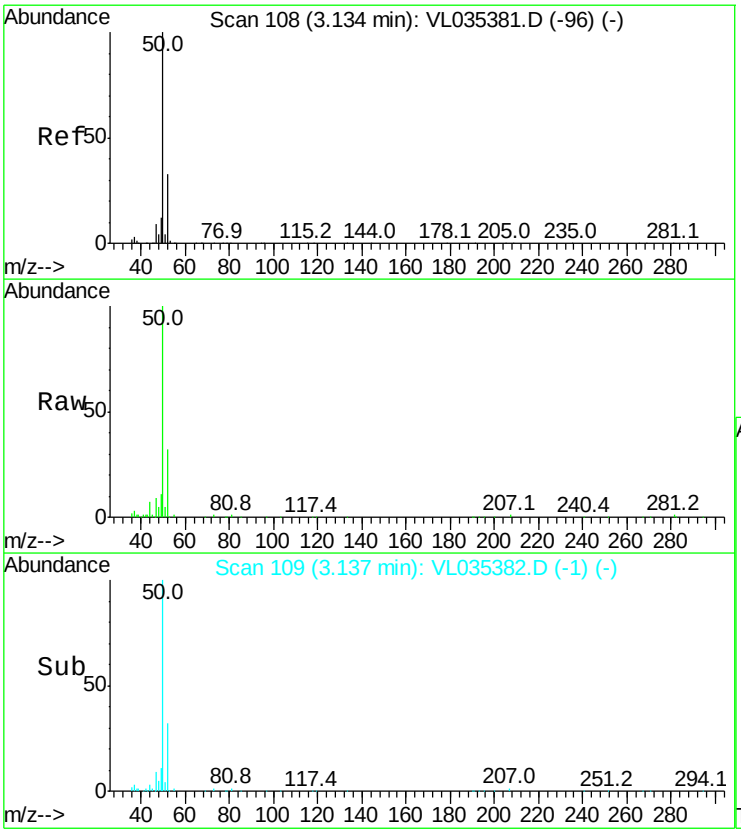
#3
Chlorodifluoromethane
Concen: 2.195 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 346198

Ion	Ratio	Lower	Upper
51	100		
67	17.6	14.1	21.1

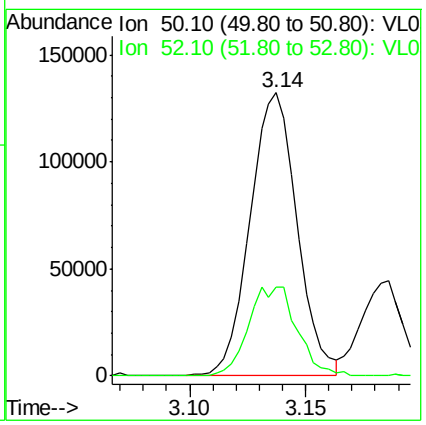


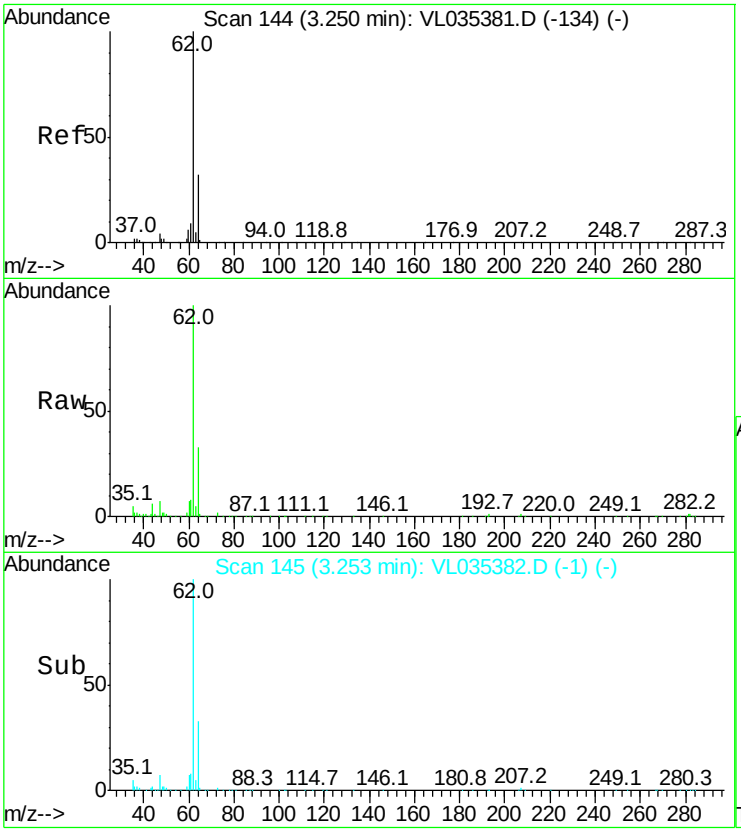


#4
Chloromethane
Concen: 2.082 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 50 Resp: 185905

Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.6	39.8



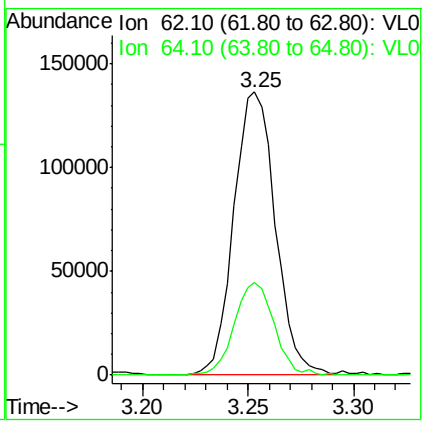


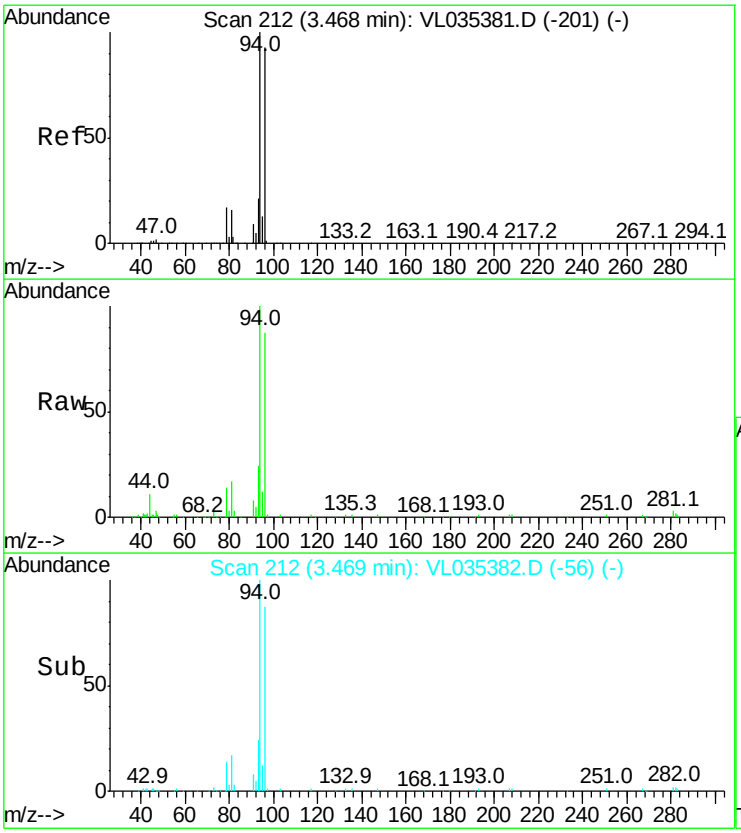
#5
Vinyl Chloride
Concen: 2.037 ppbv
RT: 3.25 min Scan# 145
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 187133

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.7	38.5

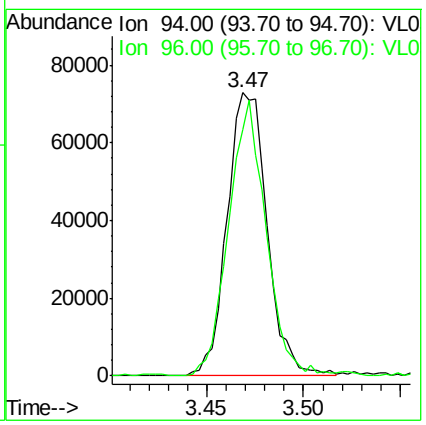


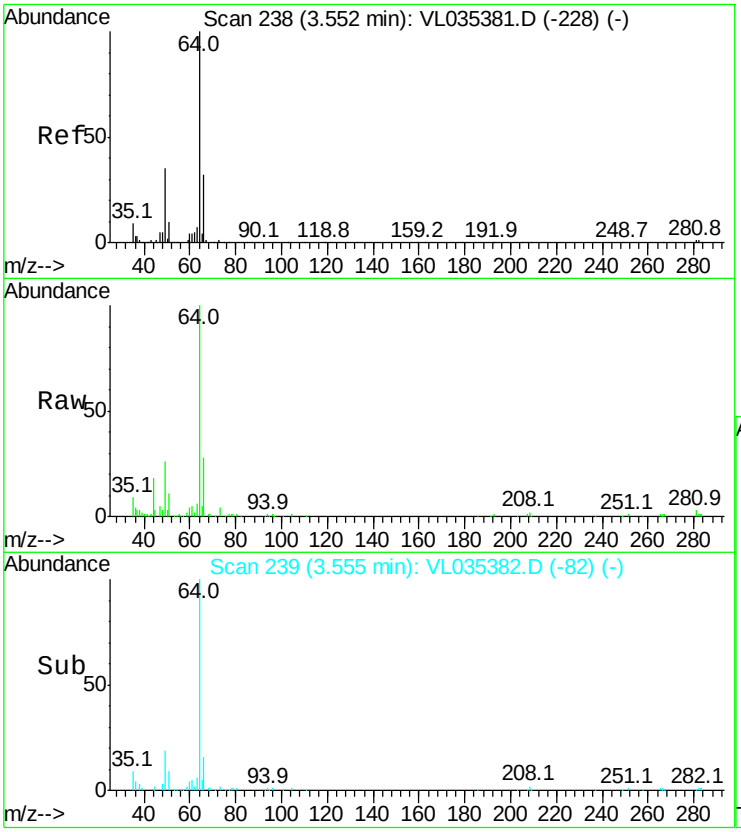


#6
Bromomethane
Concen: 1.865 ppbv
RT: 3.47 min Scan# 212
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 94 Resp: 104960

Ion	Ratio	Lower	Upper
94	100		
96	86.9	74.4	111.6



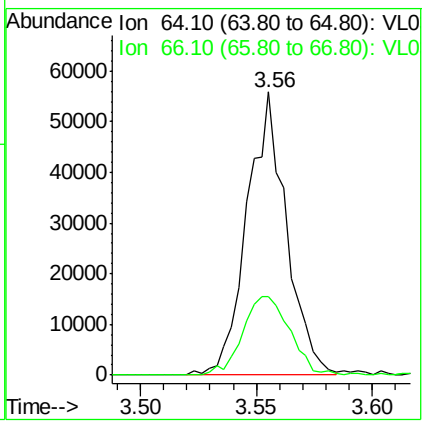


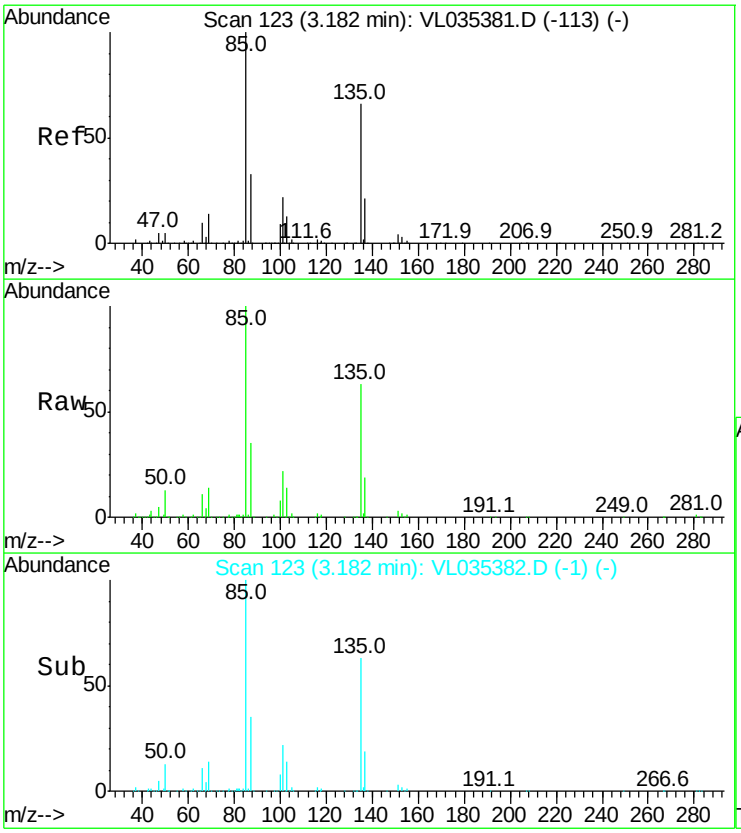
#7
Chloroethane
Concen: 1.939 ppbv
RT: 3.56 min Scan# 239
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 66138

Ion	Ratio	Lower	Upper
64	100		
66	27.9	25.7	38.5

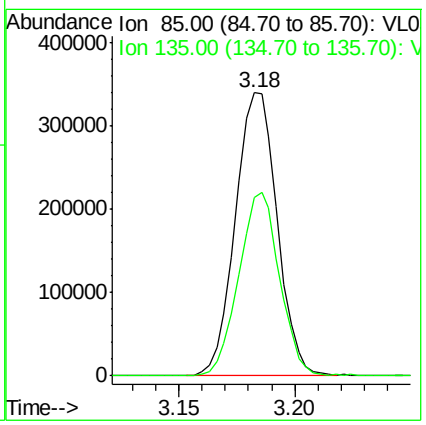


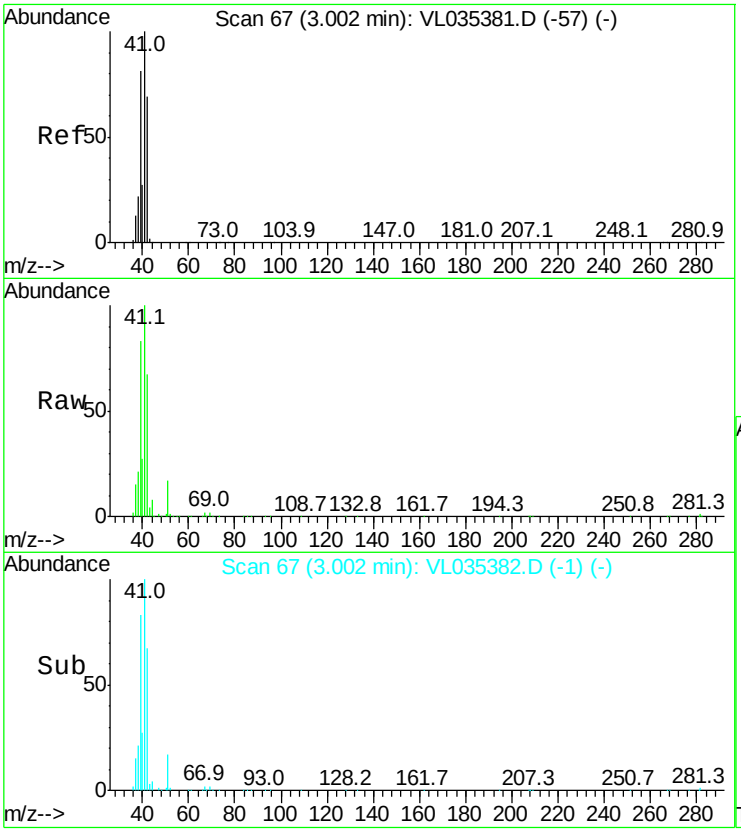


#8
Dichlorotetrafluoroethane
Concen: 1.961 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 85 Resp: 425965

Ion	Ratio	Lower	Upper
85	100		
135	63.5	52.5	78.7



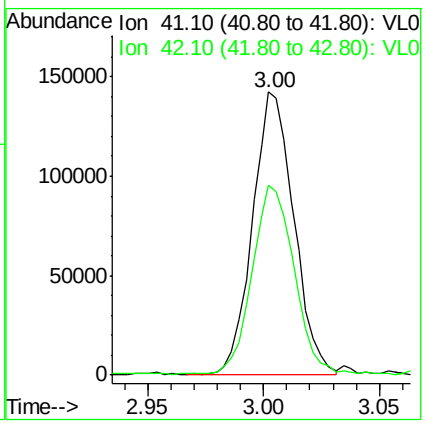


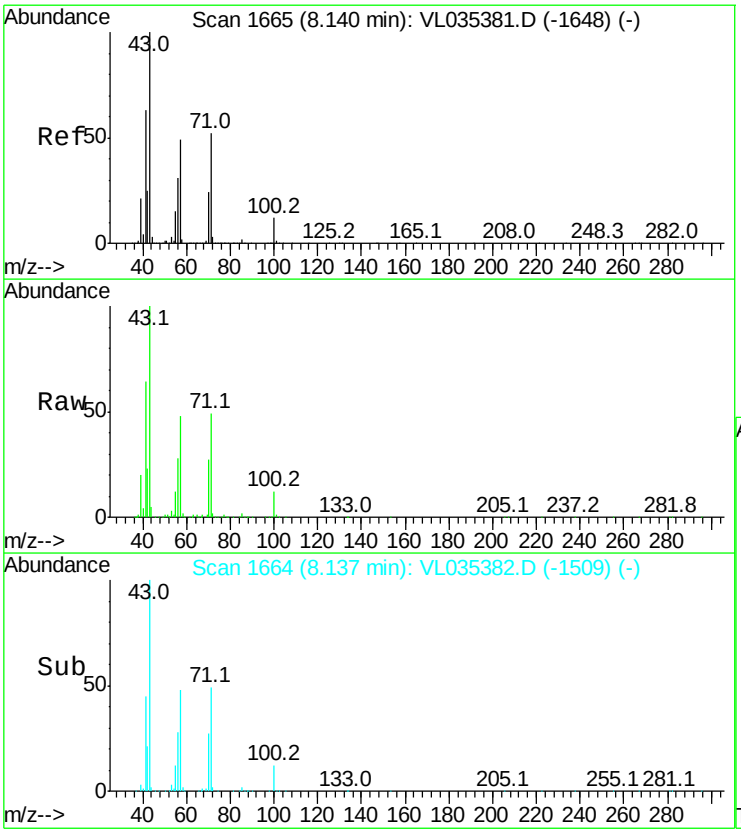
#9
Propene
Concen: 3.135 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 176221

Ion	Ratio	Lower	Upper
41	100		
42	69.6	55.4	83.2

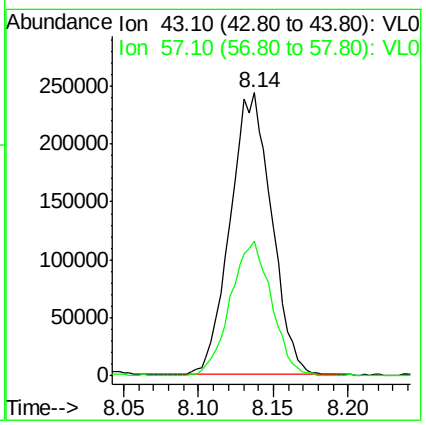


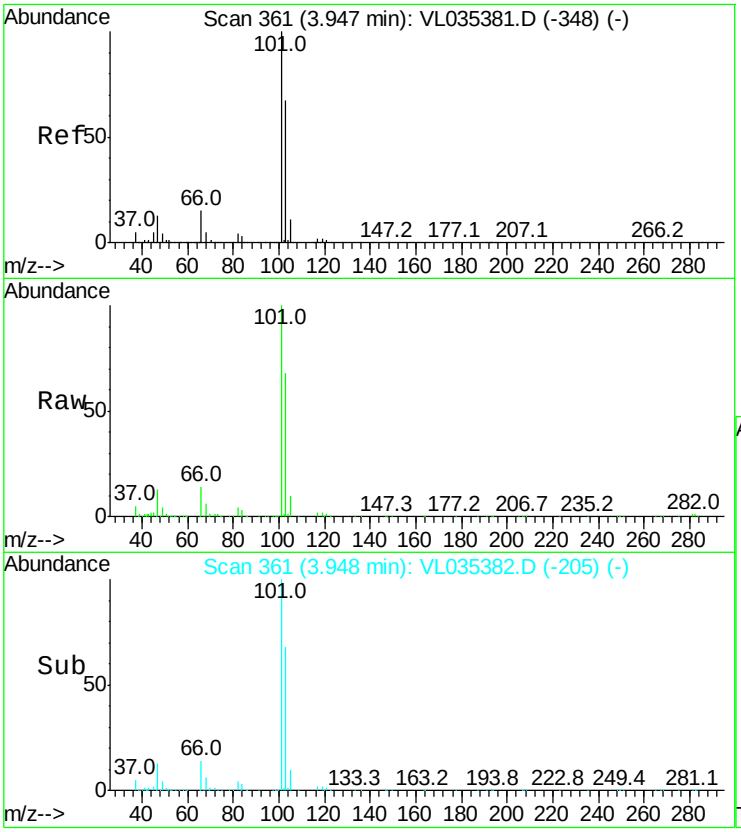


#10
Heptane
Concen: 3.249 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 43 Resp: 466443

Ion	Ratio	Lower	Upper
43	100		
57	48.0	39.4	59.2



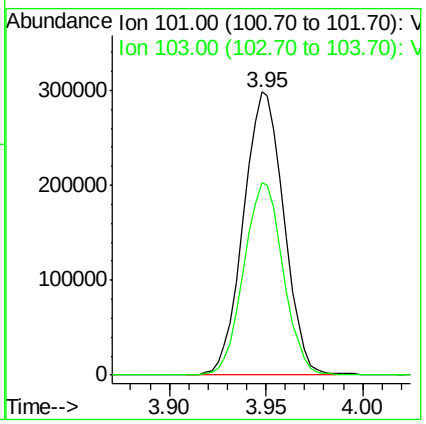


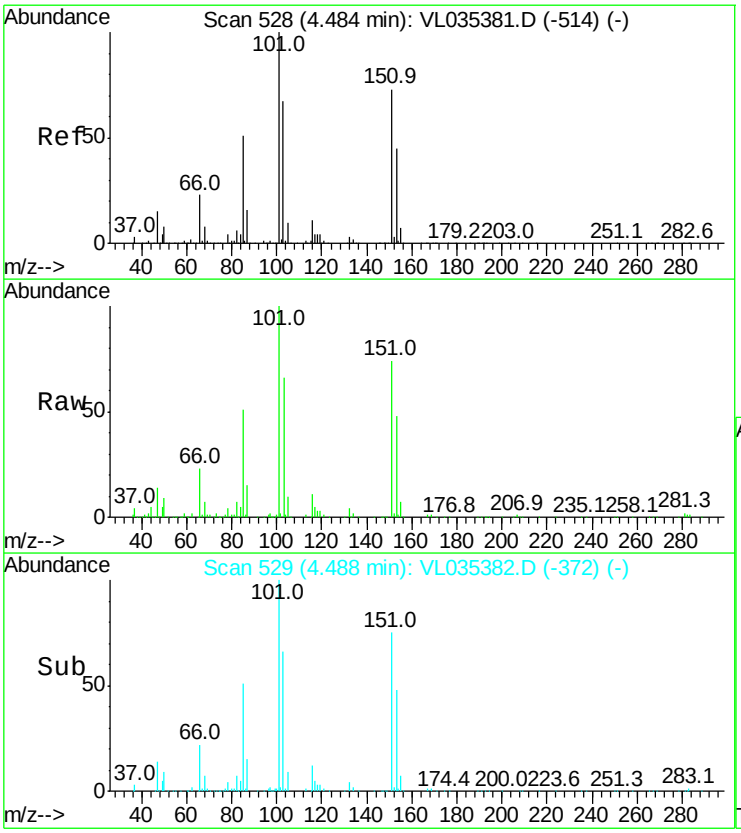
#11
Trichlorofluoromethane
Concen: 1.823 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 434127

Ion	Ratio	Lower	Upper
101	100		
103	67.7	53.3	79.9

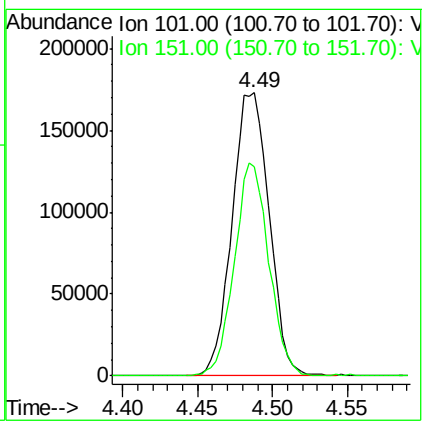


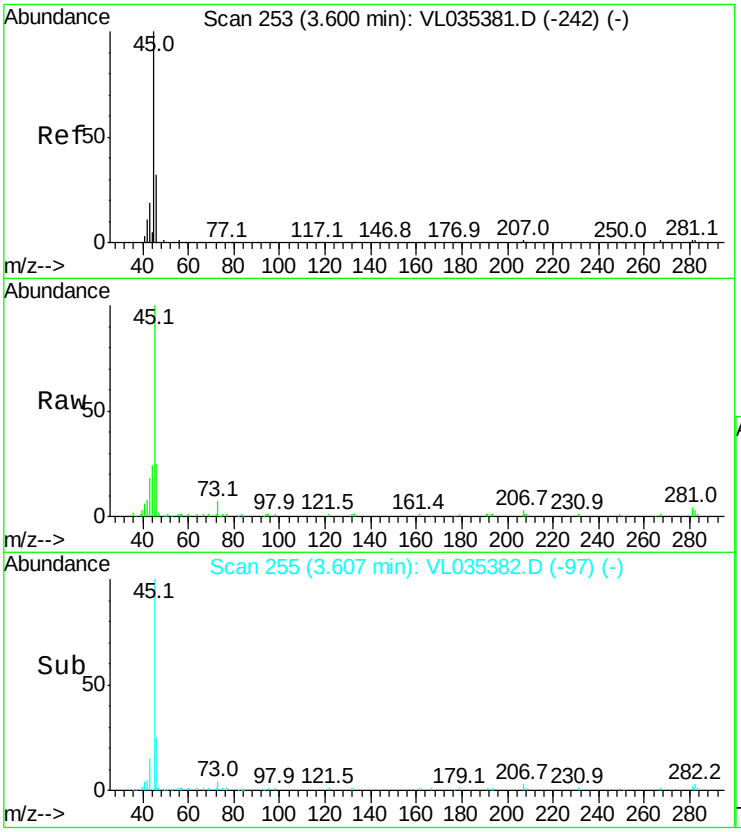


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.757 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:101 Resp: 299055

Ion	Ratio	Lower	Upper
101	100		
151	69.8	57.0	85.6



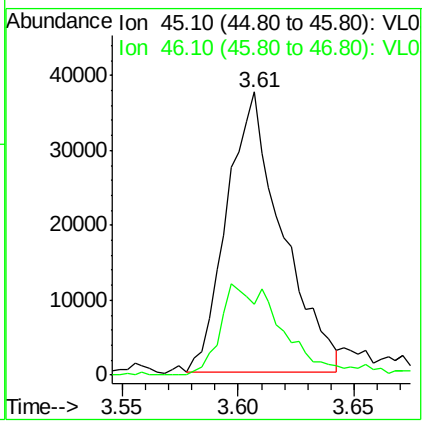


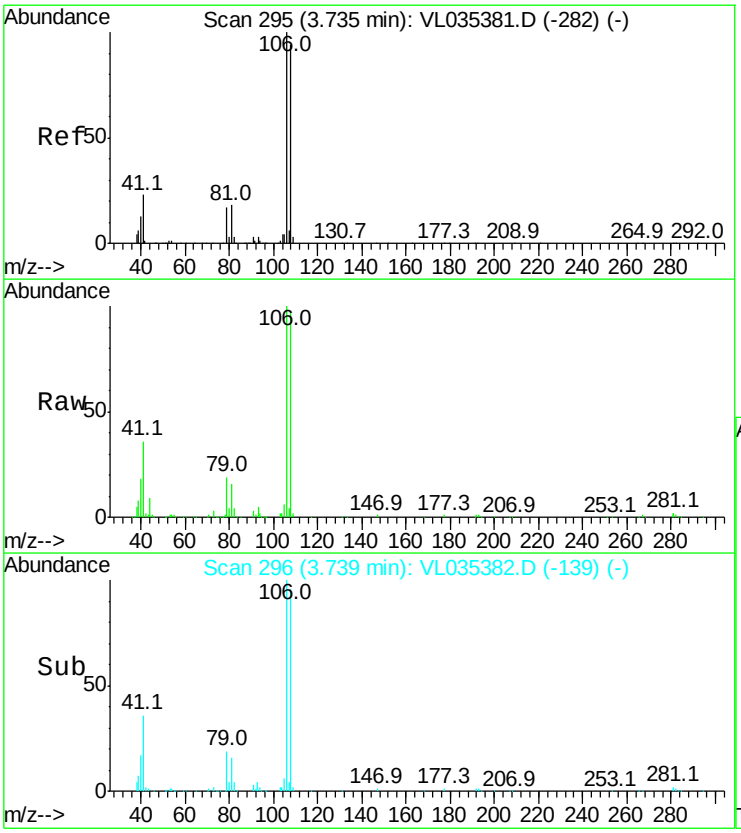
#13
Ethanol
Concen: 3.192 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 61883

Ion	Ratio	Lower	Upper
45	100		
46	38.6	14.1	56.3

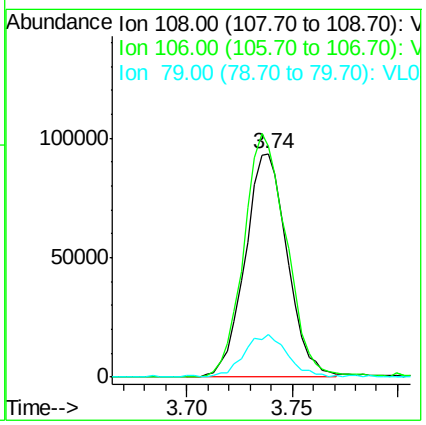


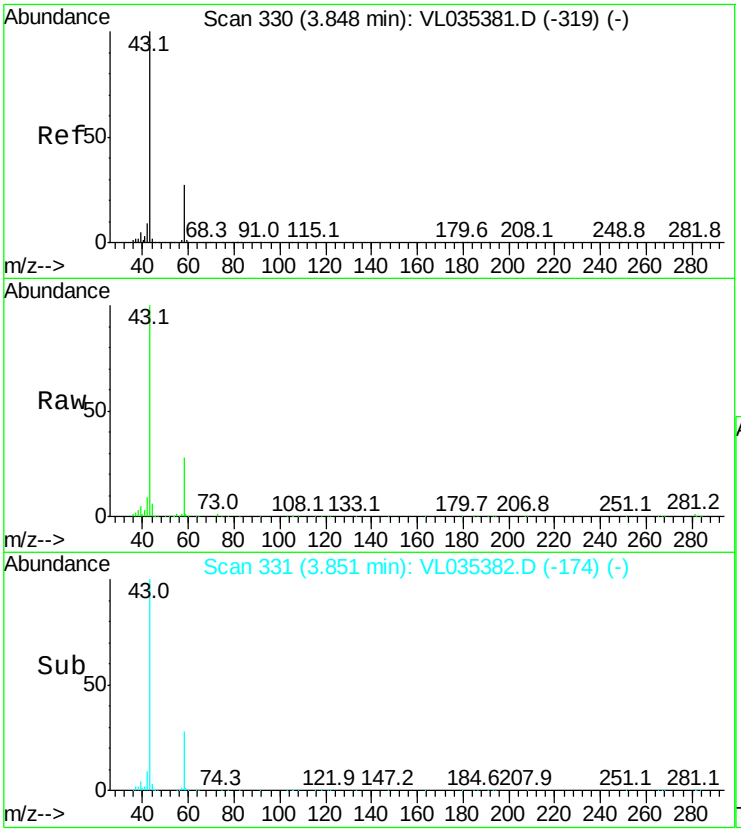


#14
Bromoethene
Concen: 1.912 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:108 Resp: 130449

Ion	Ratio	Lower	Upper
108	100		
106	111.4	84.9	127.3
79	20.3	15.8	23.8



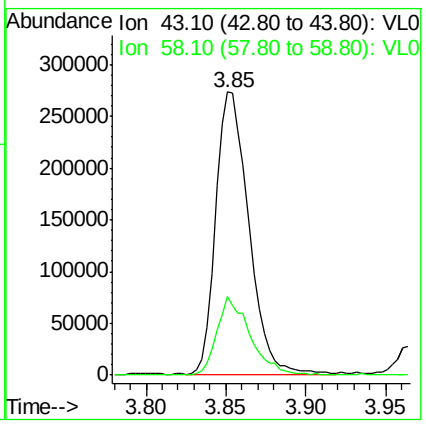


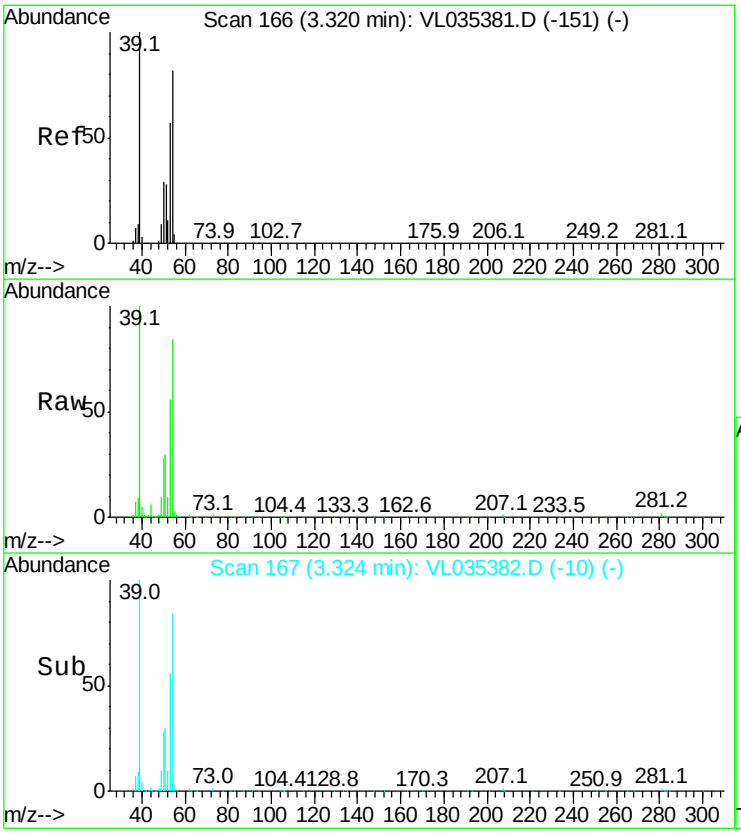
#15
Acetone
Concen: 1.965 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 385615

Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.7	32.5

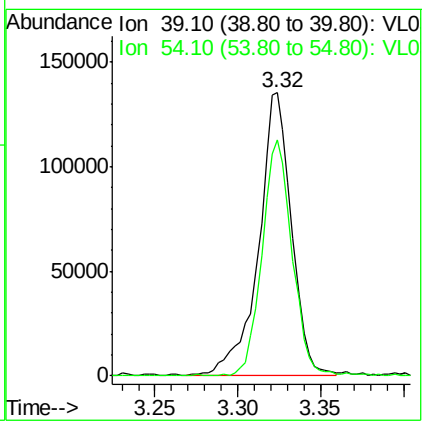


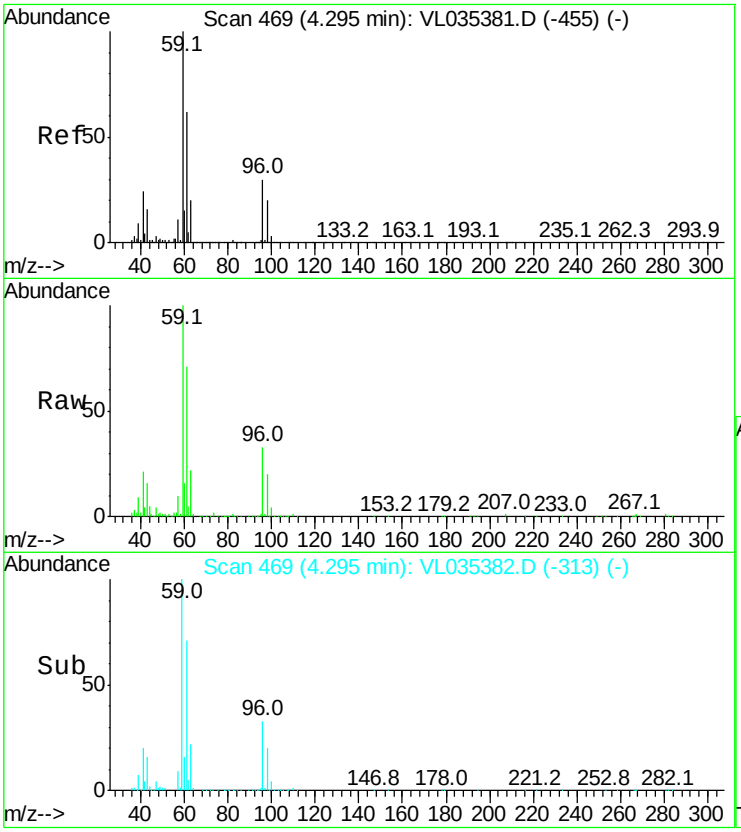


#16
1,3-Butadiene
Concen: 2.481 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 39 Resp: 187369

Ion	Ratio	Lower	Upper
39	100		
54	77.2	64.9	97.3



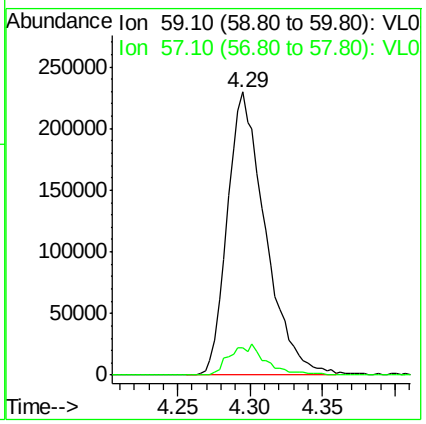


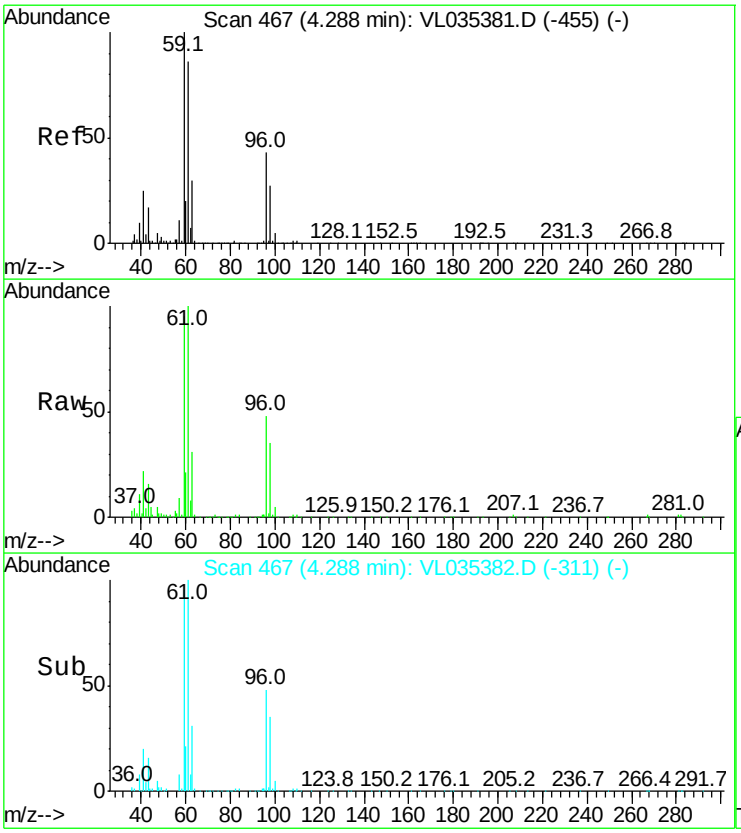
#17
tert-Butyl alcohol
Concen: 2.303 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 414726

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	13.0

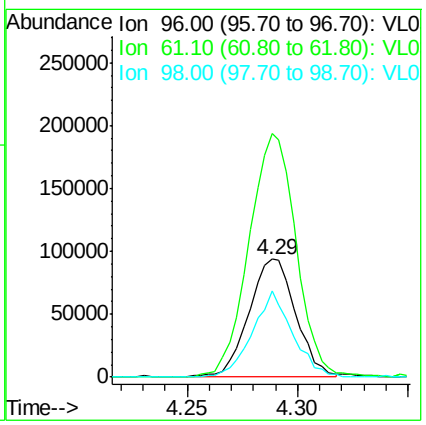


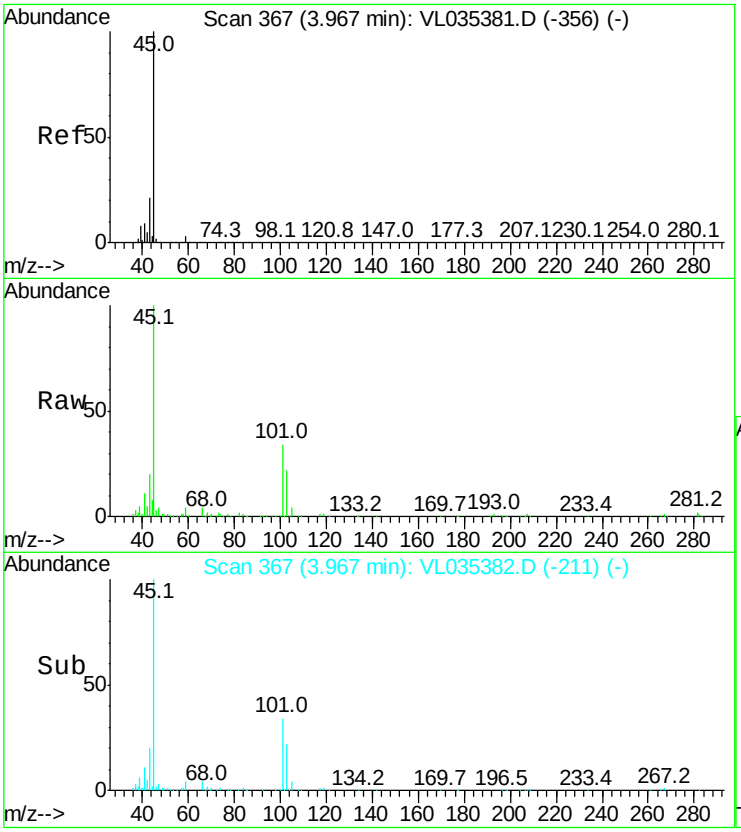


#18
1,1-Dichloroethene
Concen: 1.885 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 96 Resp: 137752

Ion	Ratio	Lower	Upper
96	100		
61	206.8	159.0	238.4
98	72.9	50.3	75.5



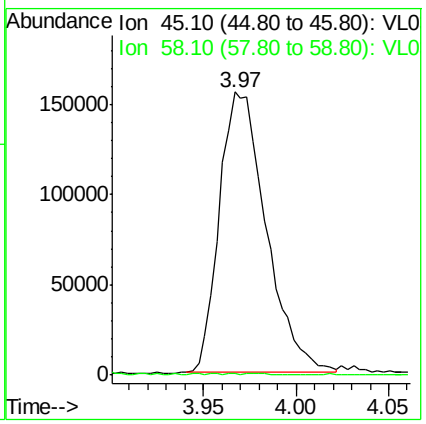


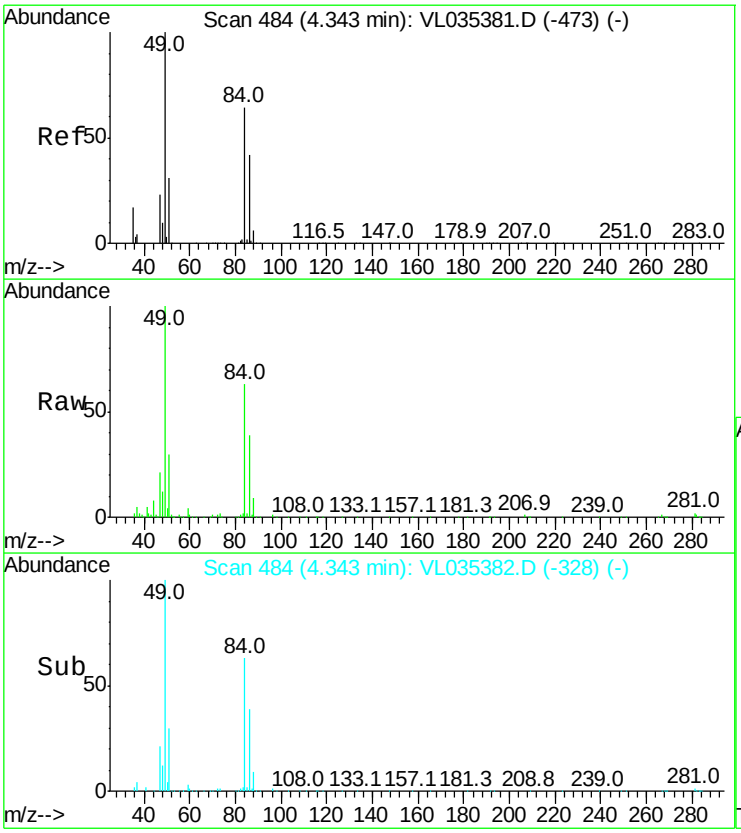
#19
Isopropyl Alcohol
Concen: 2.185 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 271797

Ion	Ratio	Lower	Upper
45	100		
58	40.2	24.9	37.3#

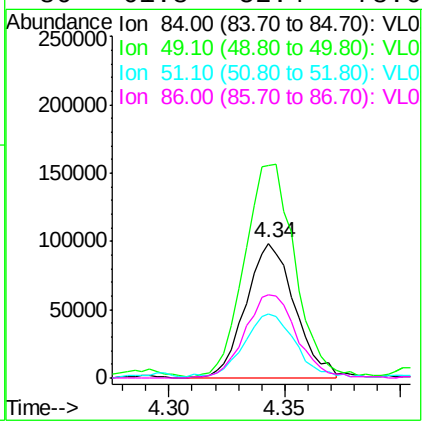


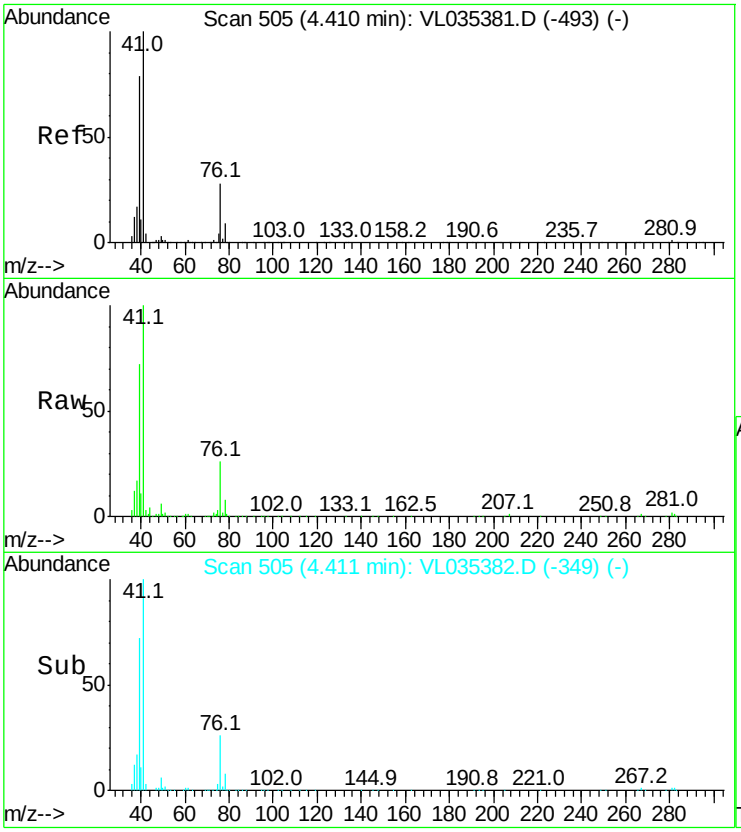


#20
Methylene Chloride
Concen: 1.799 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 84 Resp: 143971

Ion	Ratio	Lower	Upper
84	100		
49	156.0	125.7	188.5
51	46.6	38.5	57.7
86	61.8	52.4	78.6



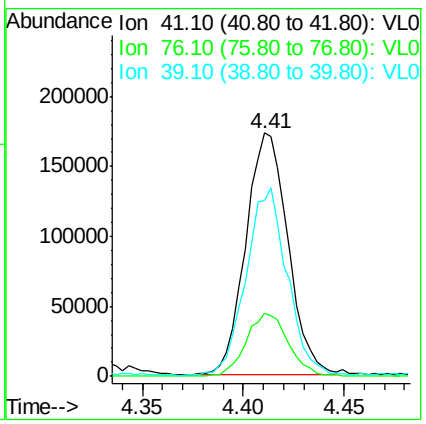


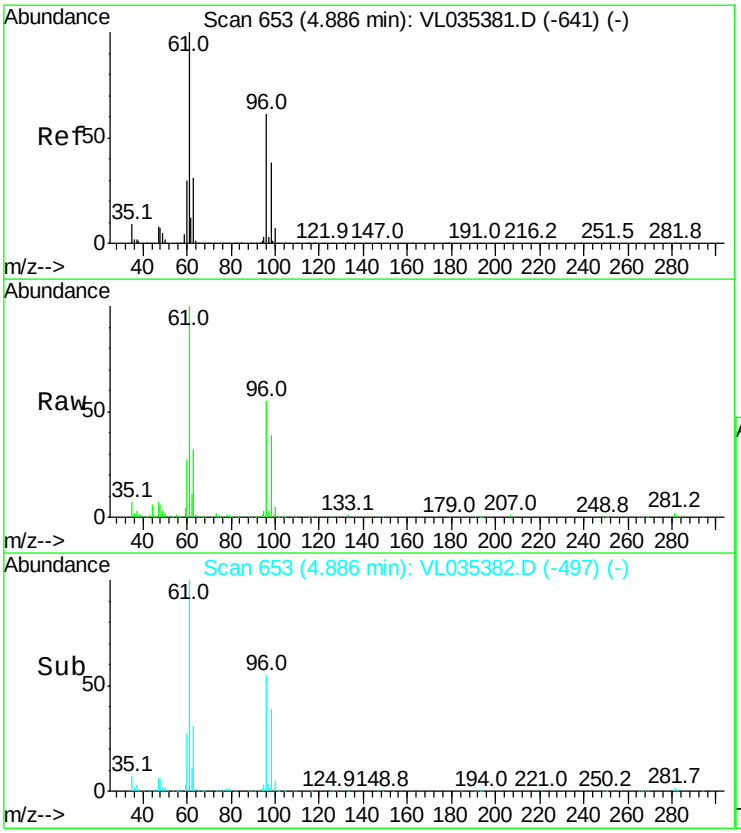
#21
Allyl Chloride
Concen: 2.268 ppbv
RT: 4.41 min Scan# 505
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 255017

Ion	Ratio	Lower	Upper
41	100		
76	26.4	22.4	33.6
39	75.9	63.0	94.4

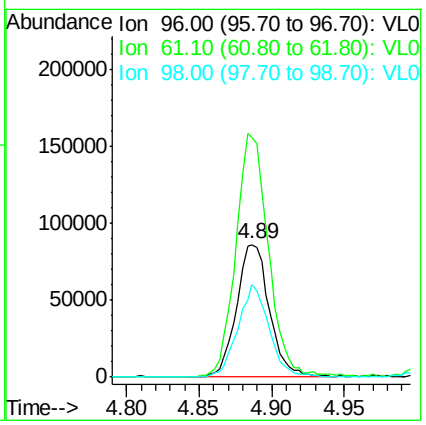


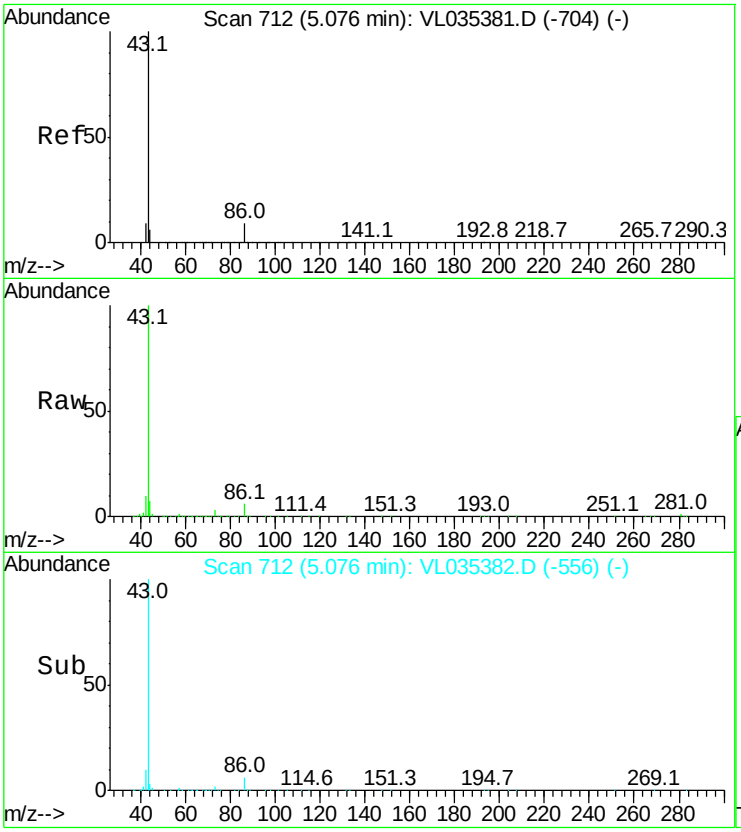


#22
trans-1,2-Dichloroethene
Concen: 1.924 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 96 Resp: 136360

Ion	Ratio	Lower	Upper
96	100		
61	180.7	131.8	197.6
98	69.6	49.6	74.4



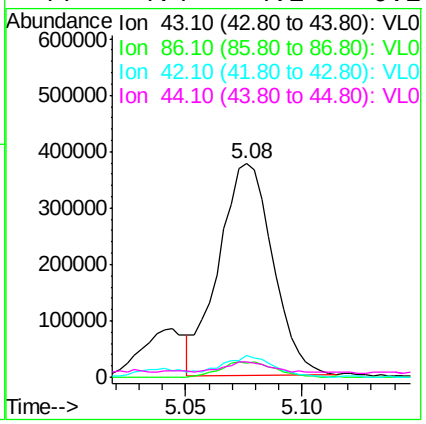


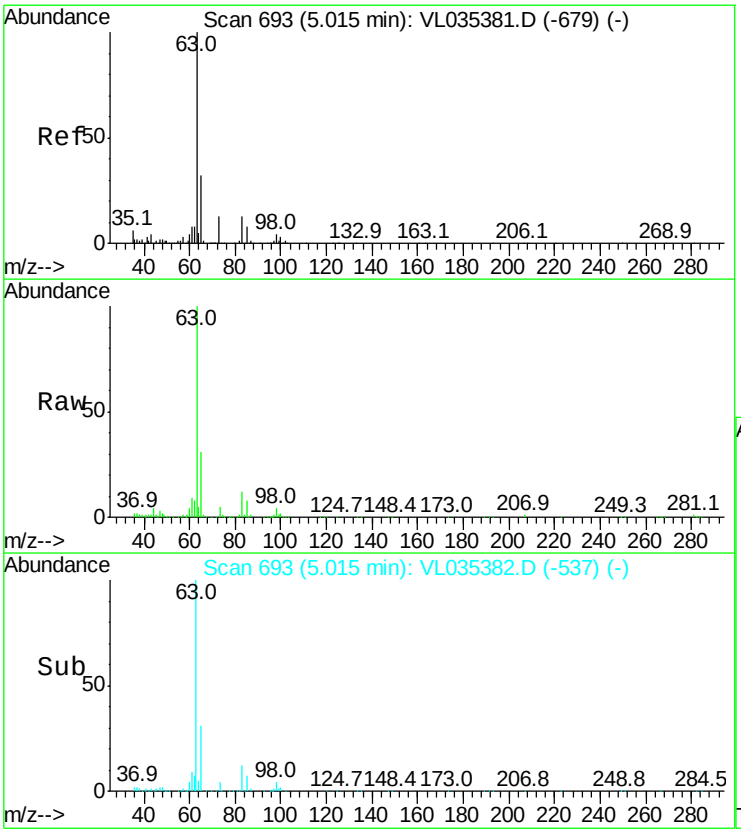
#23
Vinyl Acetate
Concen: 3.210 ppbv
RT: 5.08 min Scan# 712
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 603989

Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.8	8.8
42	10.2	8.0	12.0
44	4.4	4.2	6.2

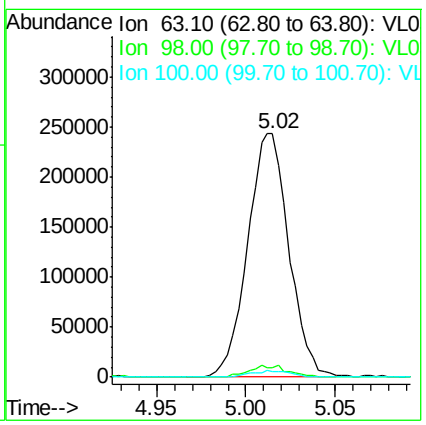


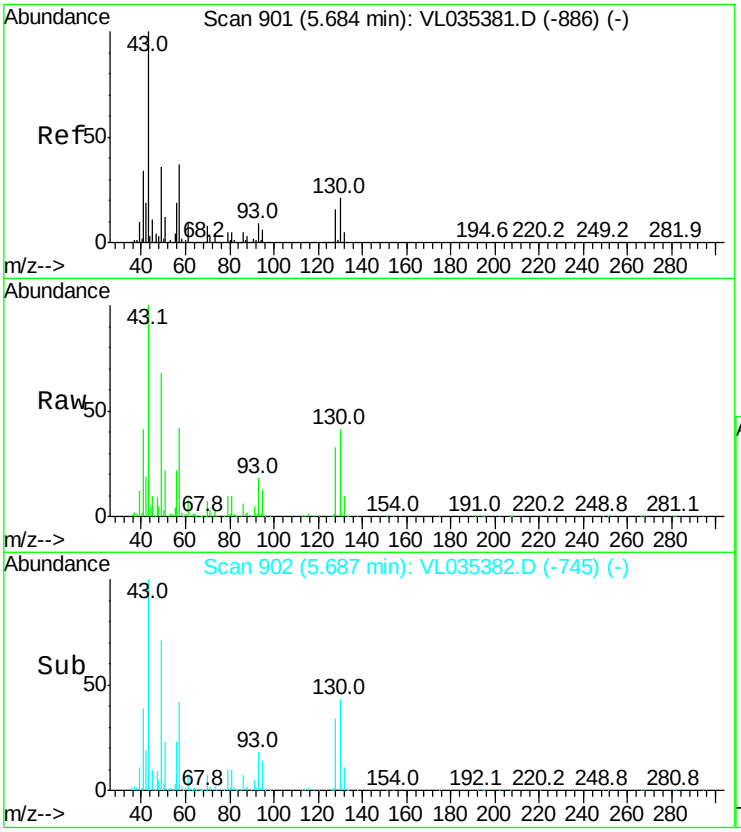


#24
1,1-Dichloroethane
Concen: 2.223 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 63 Resp: 393031

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.2	6.6
100	2.5	1.4	4.0



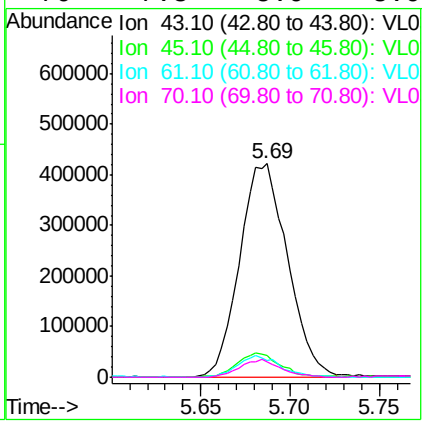


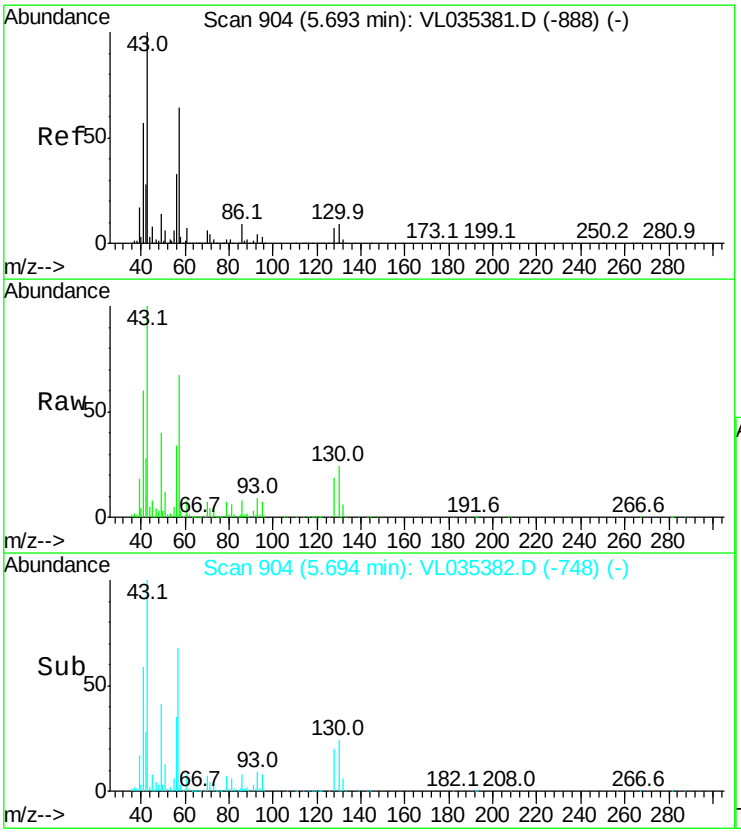
#25
Ethyl Acetate
Concen: 2.651 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 790302

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.0	12.0
61	9.0	7.4	11.2
70	7.3	5.9	8.9

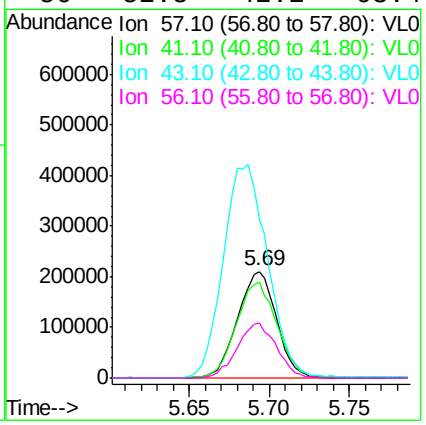


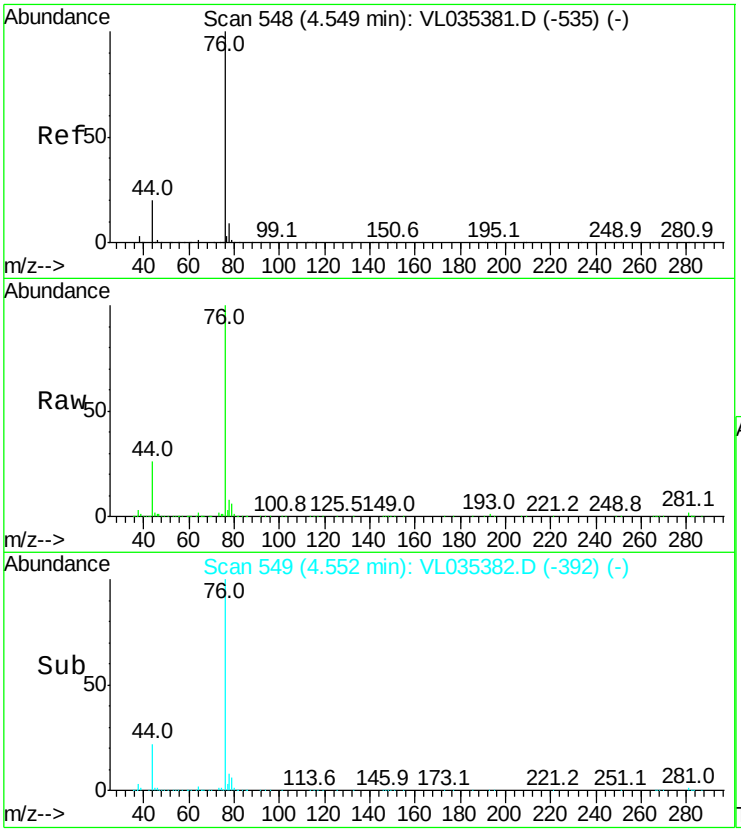


#26
Hexane
Concen: 2.702 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 57 Resp: 349417

Ion	Ratio	Lower	Upper
57	100		
41	95.1	75.4	113.2
43	227.6	184.1	276.1
56	52.5	42.2	63.4



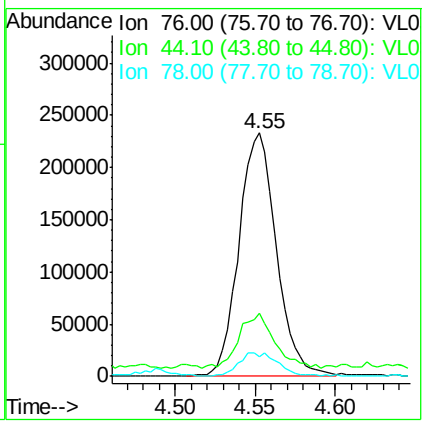


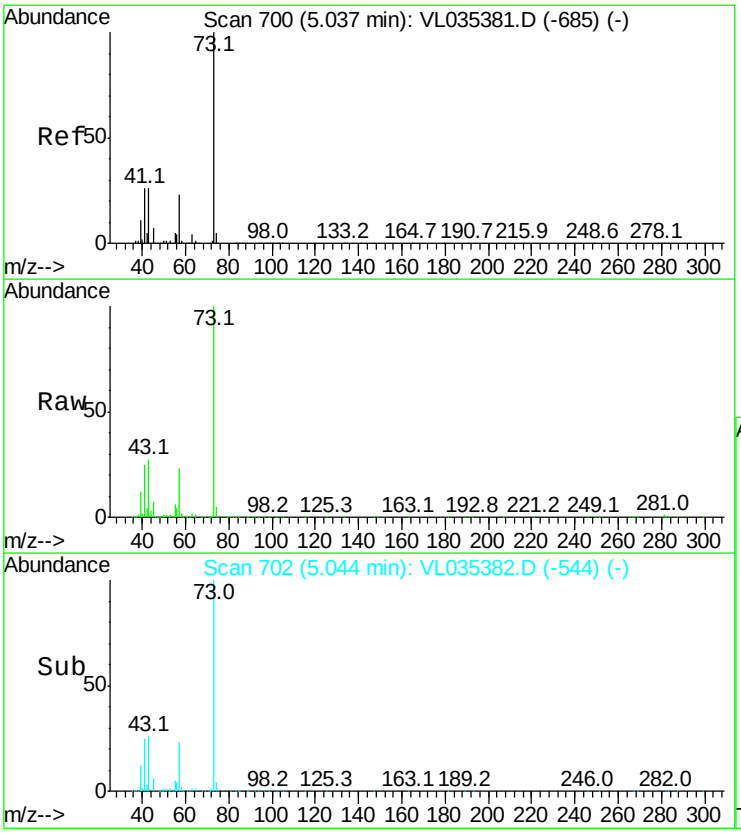
#27
Carbon Disulfide
Concen: 2.052 ppbv
RT: 4.55 min Scan# 549
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 371101

Ion	Ratio	Lower	Upper
76	100		
44	22.9	17.0	25.4
78	10.6	7.5	11.3

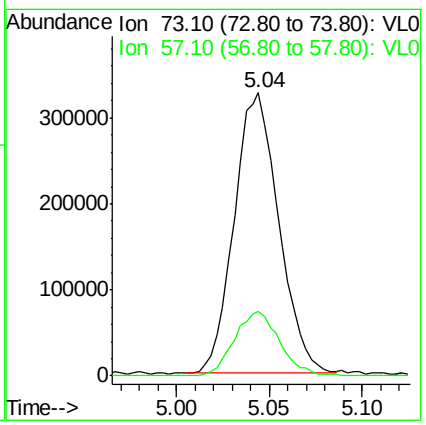


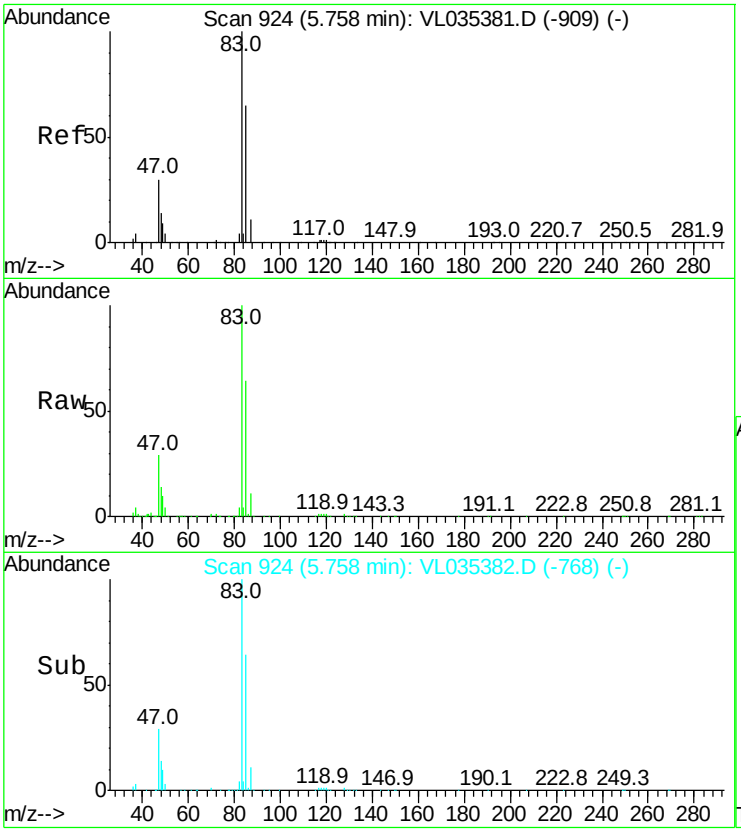


#28
Methyl tert-Butyl Ether
Concen: 2.904 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 73 Resp: 545978

Ion	Ratio	Lower	Upper
73	100		
57	23.6	19.0	28.4



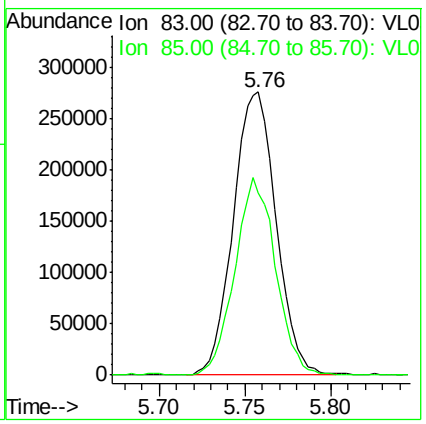


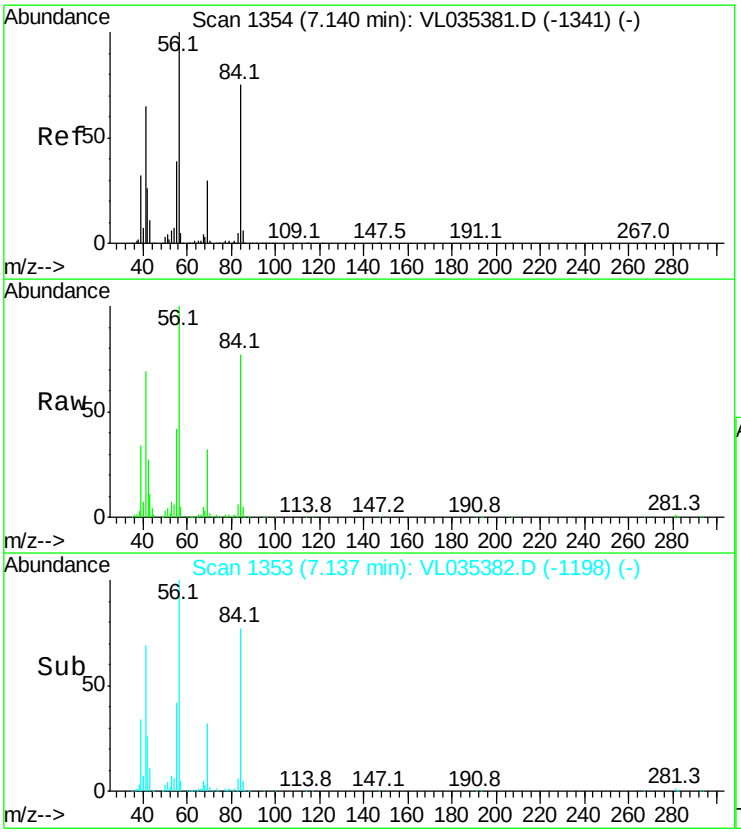
#29
Chloroform
Concen: 2.120 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 472606

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.7	77.5

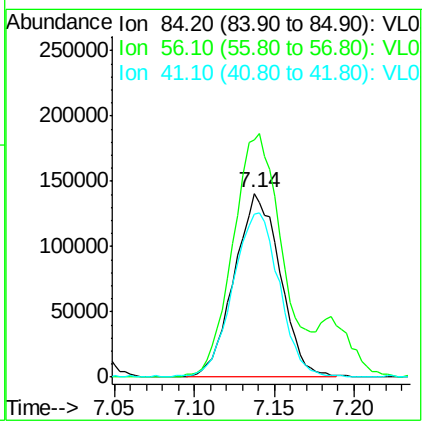


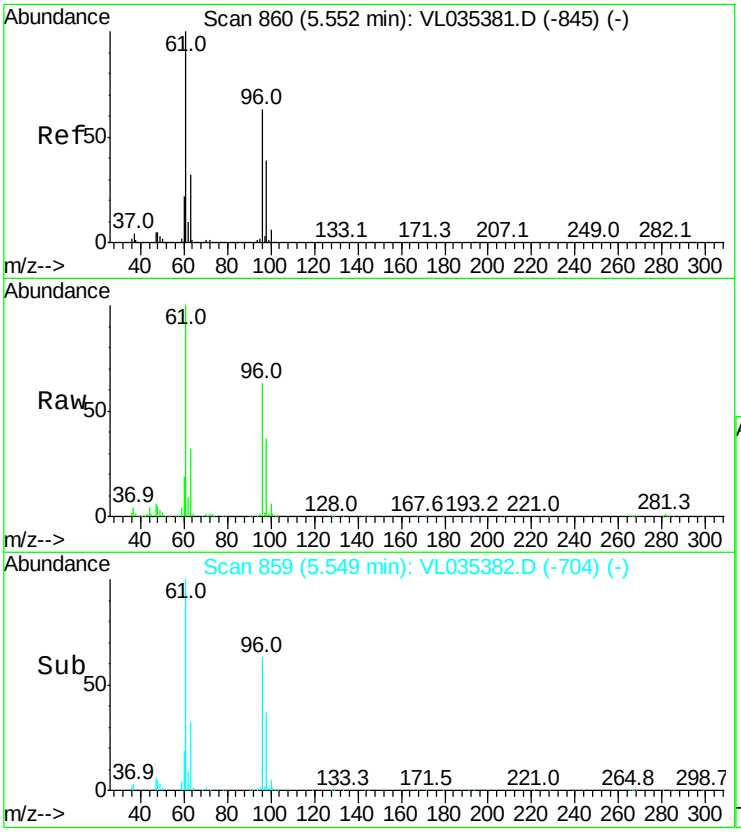


#30
Cyclohexane
Concen: 2.800 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 84 Resp: 274616

Ion	Ratio	Lower	Upper
84	100		
56	166.6	115.8	173.6
41	90.2	71.4	107.0



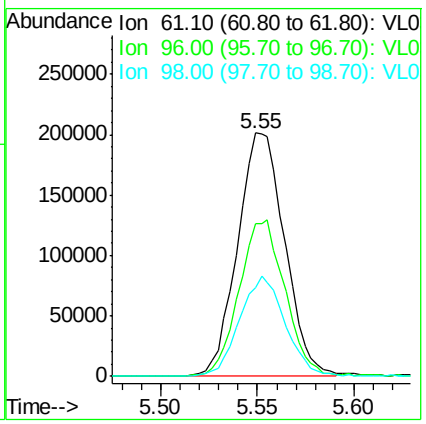


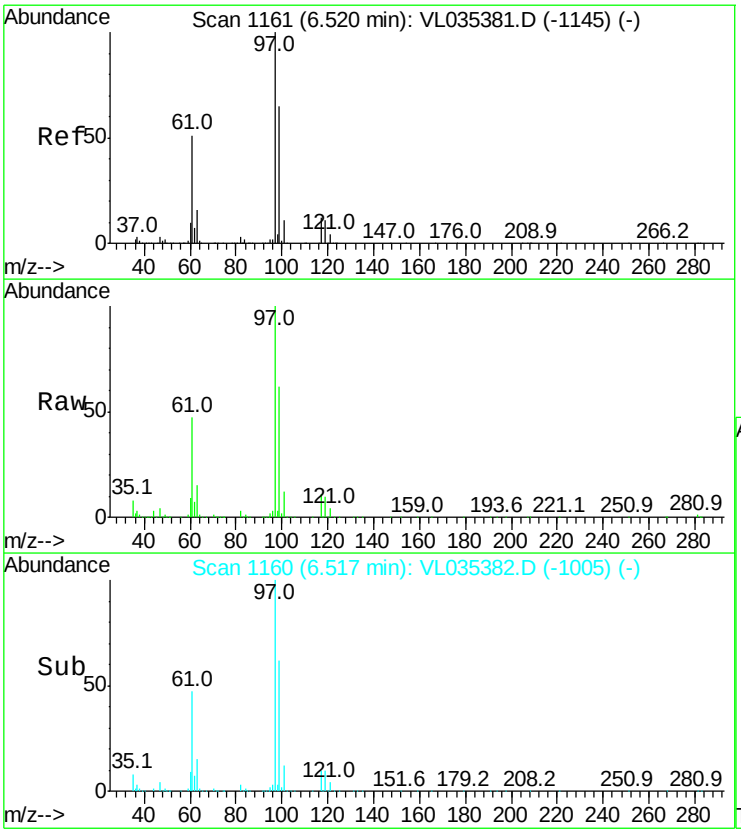
#31
cis-1,2-Dichloroethene
Concen: 2.968 ppbv
RT: 5.55 min Scan# 859
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 61 Resp: 341229

Ion	Ratio	Lower	Upper
61	100		
96	62.5	50.5	75.7
98	36.3	31.5	47.3

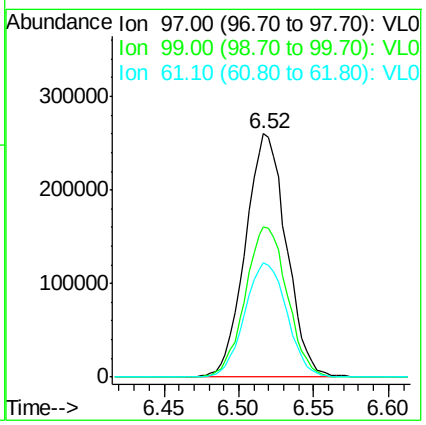


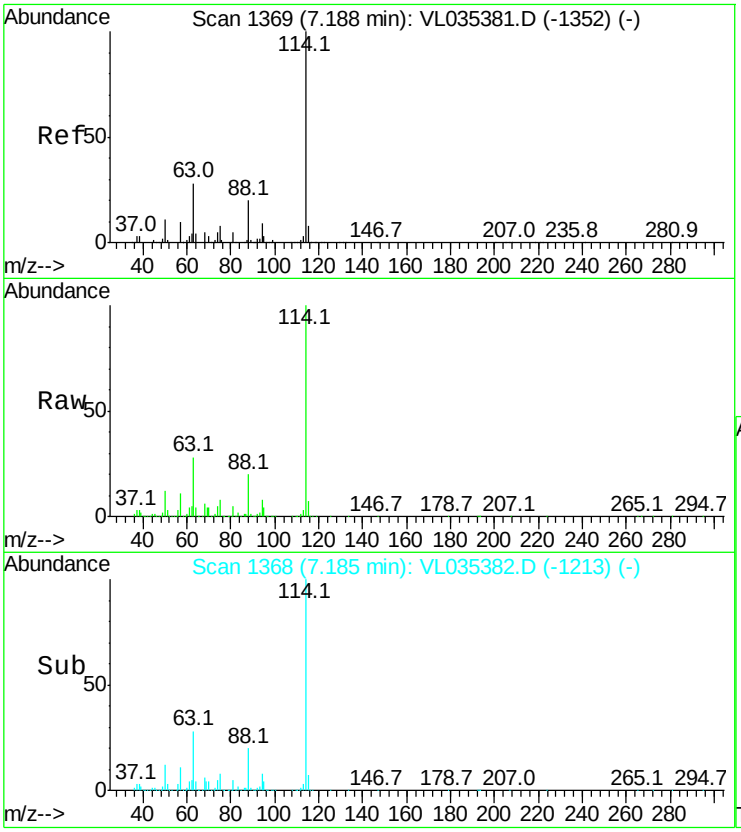


#32
1,1,1-Trichloroethane
Concen: 2.116 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 97 Resp: 495948

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.8	77.8
61	48.2	39.6	59.4



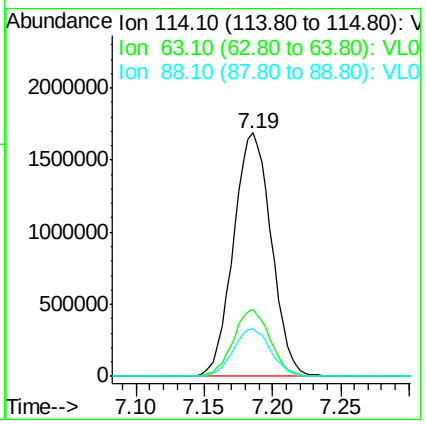


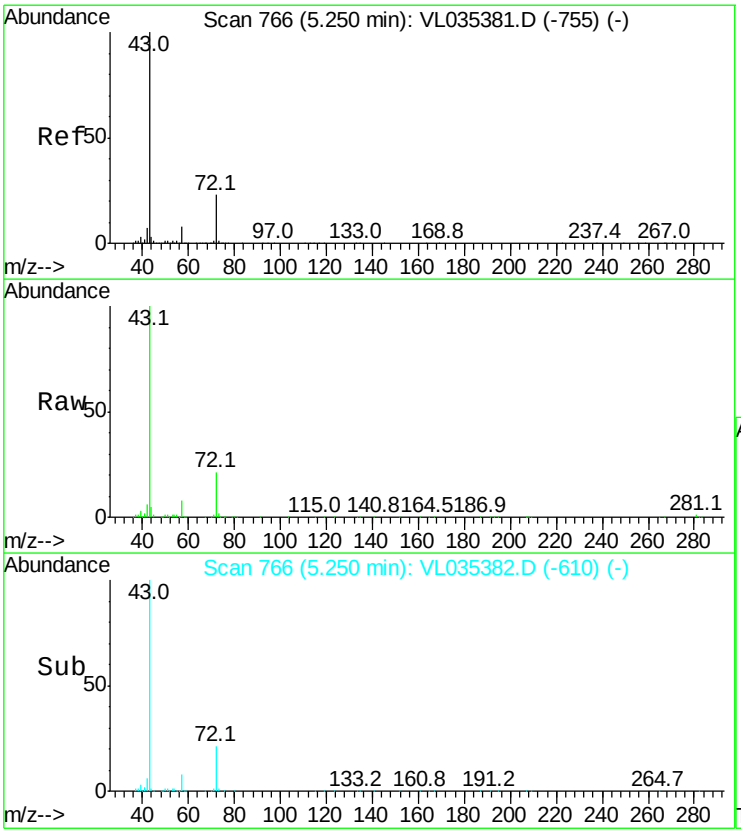
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 3252842

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.5	32.3
88	19.2	15.6	23.4

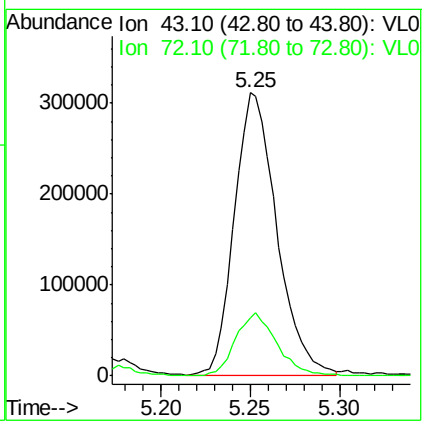


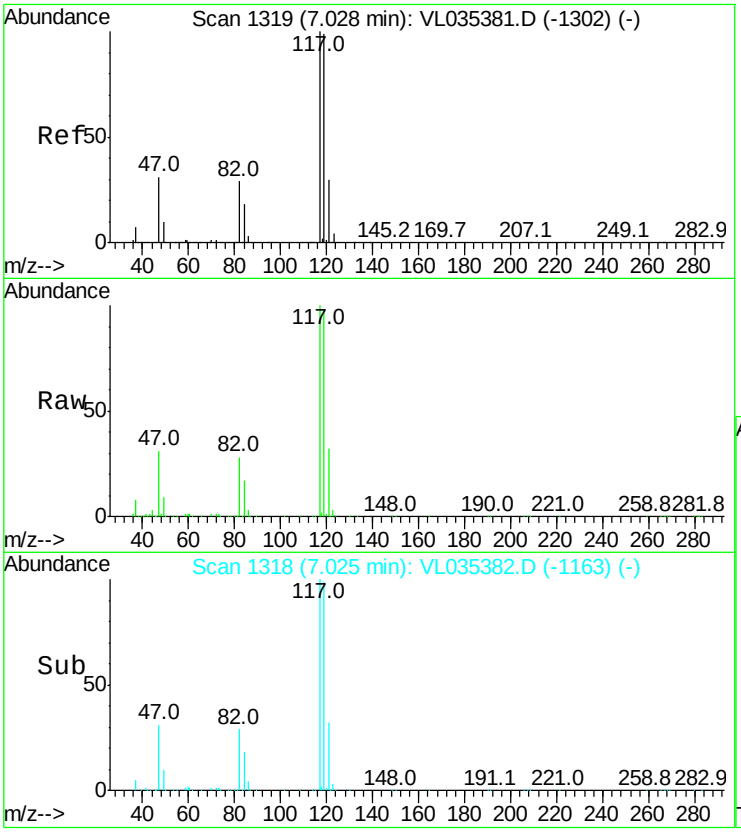


#34
2-Butanone
Concen: 3.198 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 43 Resp: 512230

Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.7	26.5



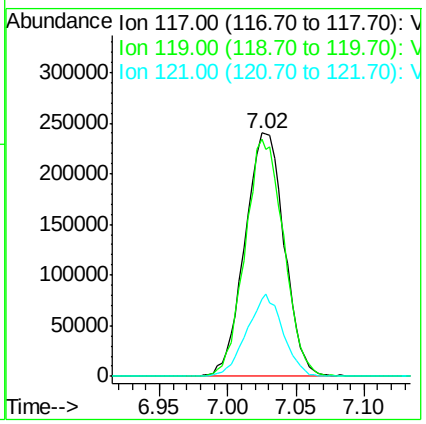


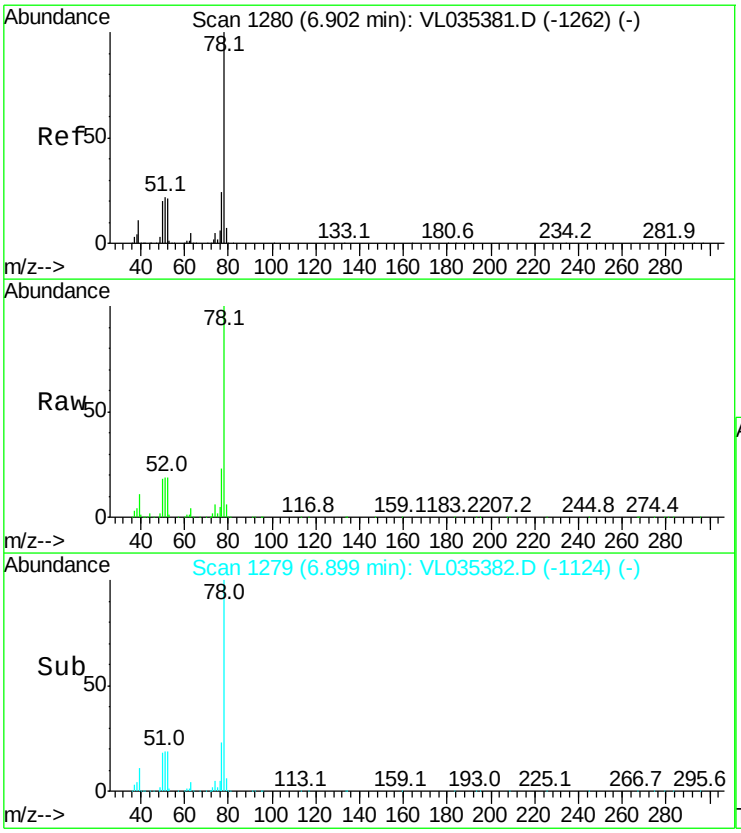
#35
Carbon Tetrachloride
Concen: 2.148 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:117 Resp: 480725

Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.4	119.0
121	31.6	24.3	36.5

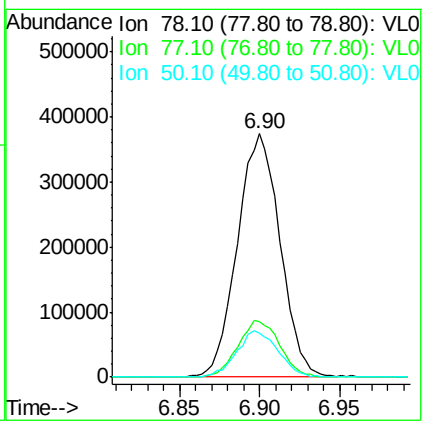


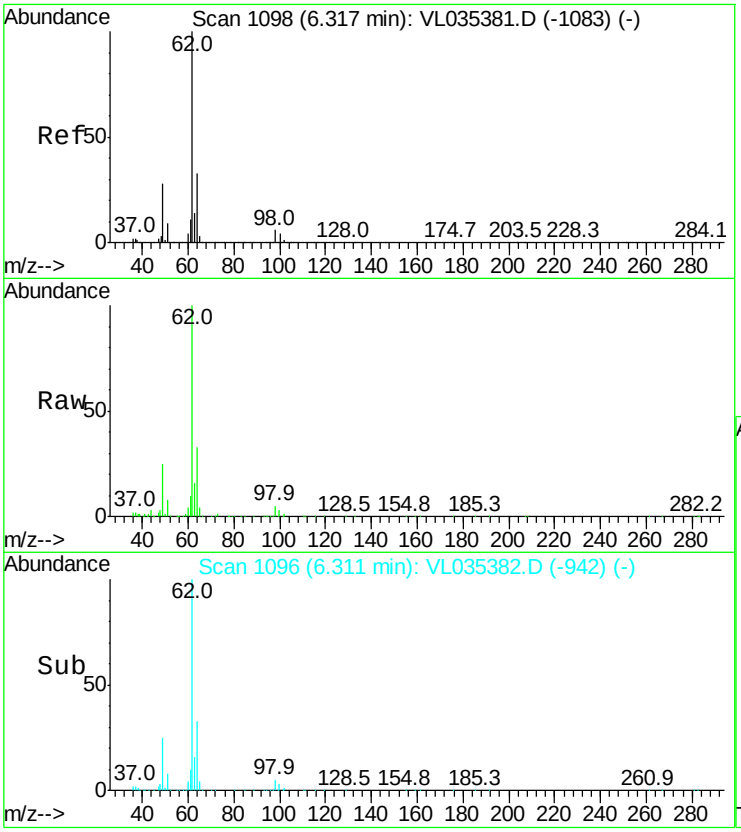


#36
Benzene
Concen: 3.099 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 78 Resp: 680771

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.1	28.7
50	18.3	15.8	23.6



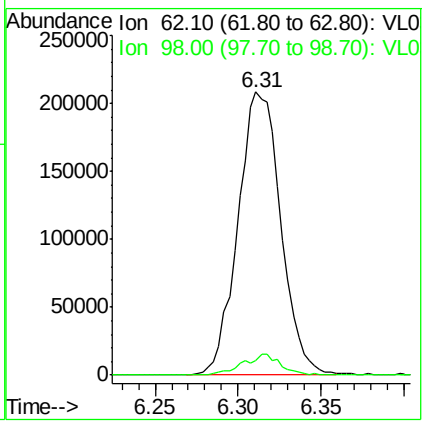


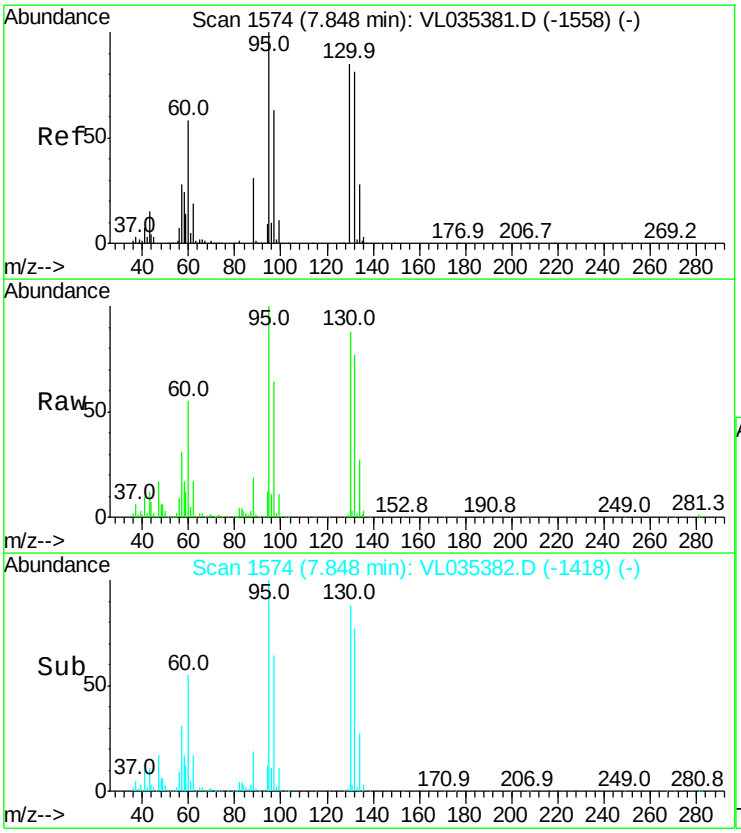
#37
1,2-Dichloroethane
Concen: 2.436 ppbv
RT: 6.31 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 373858

Ion	Ratio	Lower	Upper
62	100		
98	6.7	5.1	7.7

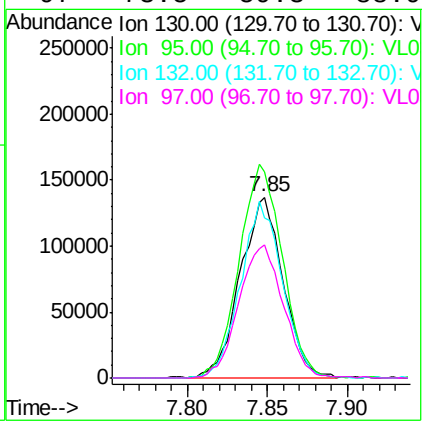


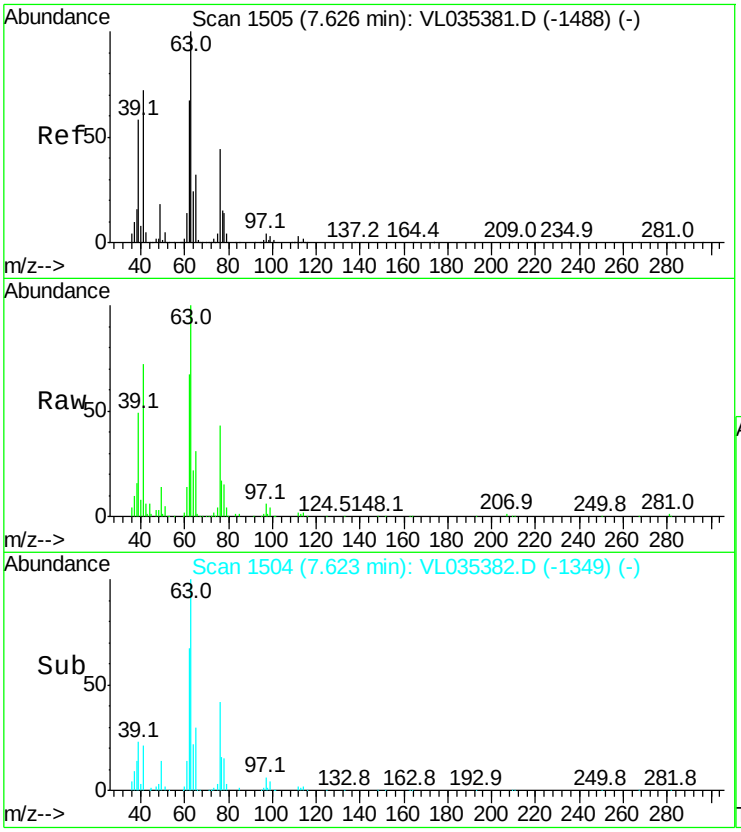


#38
Trichloroethene
Concen: 2.482 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:130 Resp: 251456

Ion	Ratio	Lower	Upper
130	100		
95	114.1	94.2	141.4
132	88.2	76.6	114.8
97	73.5	59.3	88.9



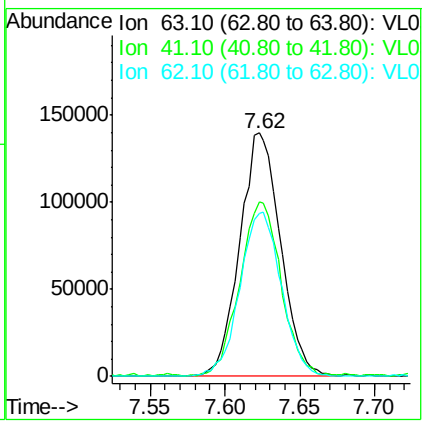


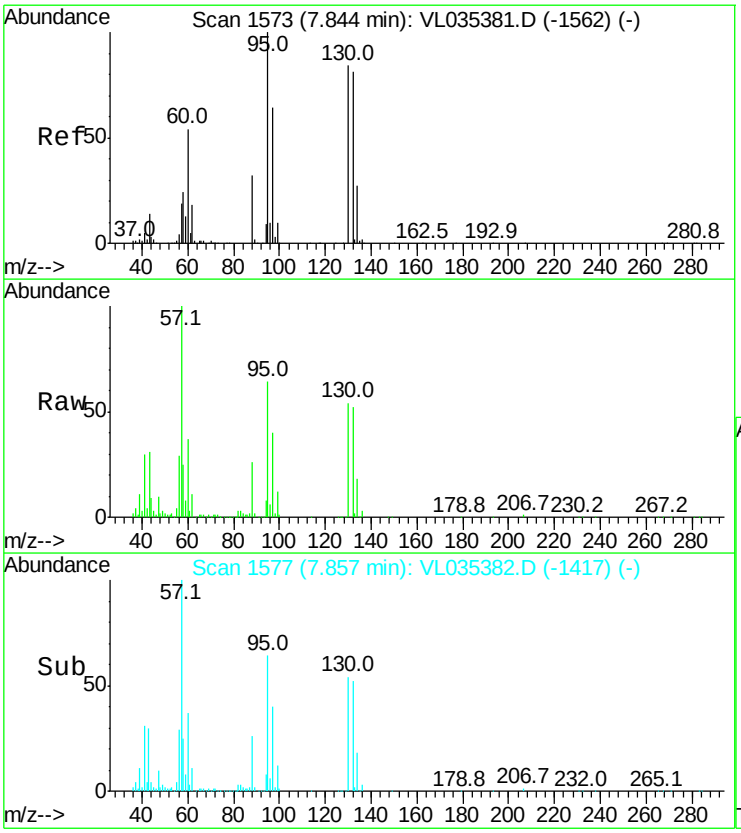
#39
1,2-Dichloropropane
Concen: 2.989 ppbv
RT: 7.62 min Scan# 1504
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 265799

Ion	Ratio	Lower	Upper
63	100		
41	71.2	57.4	86.2
62	66.8	53.6	80.4

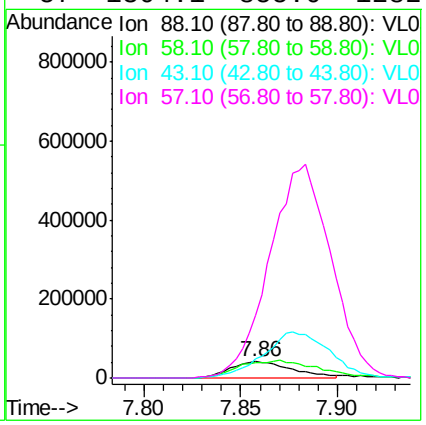


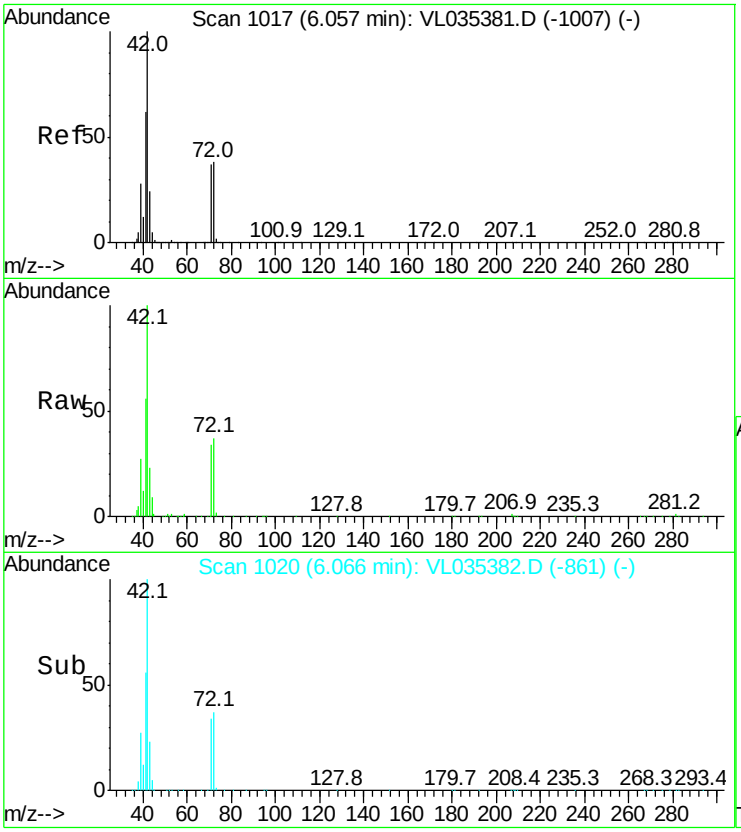


#40
1,4-Dioxane
Concen: 2.425 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 88 Resp: 92339

Ion	Ratio	Lower	Upper
88	100		
58	144.6	105.0	157.6
43	301.4	204.2	306.2
57	1304.1	855.0	1282.4#



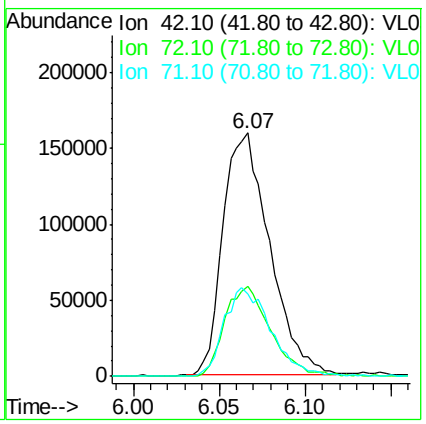


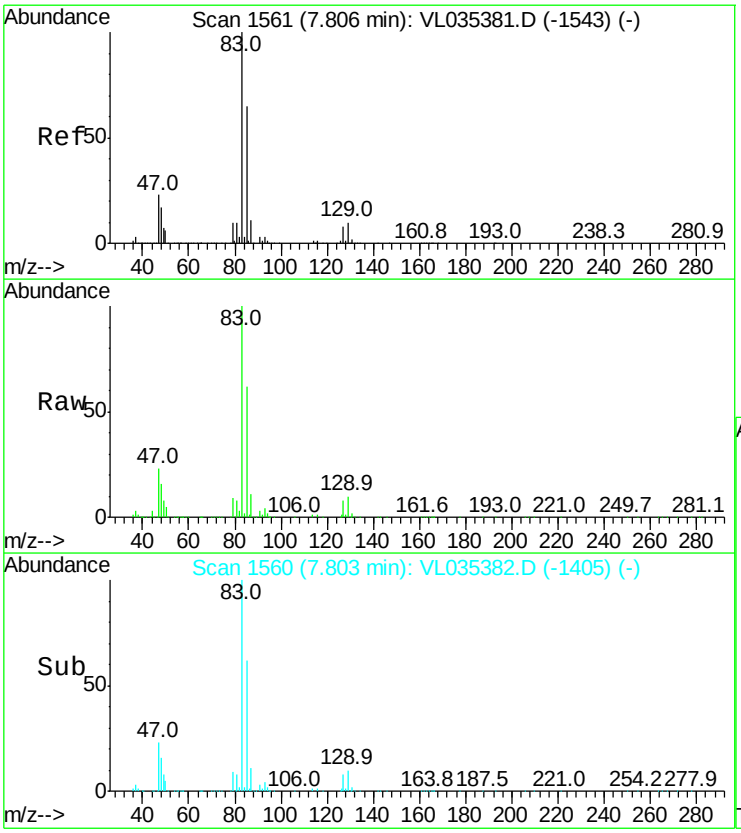
#41
Tetrahydrofuran
Concen: 3.818 ppbv
RT: 6.07 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 300112

Ion	Ratio	Lower	Upper
42	100		
72	37.2	30.2	45.2
71	37.2	28.6	42.8

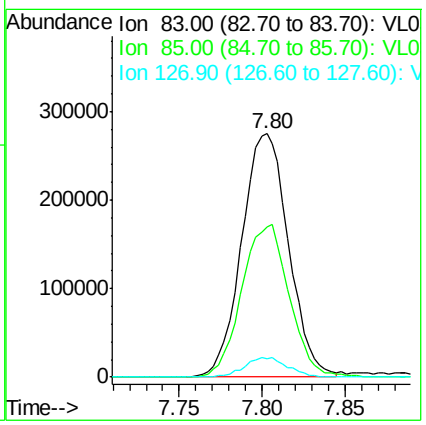


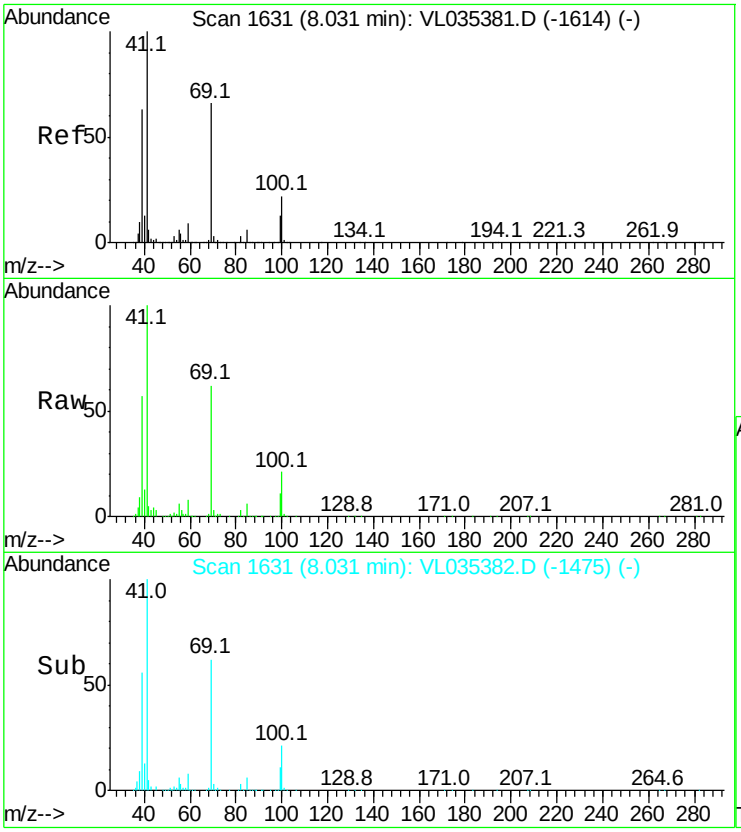


#42
Bromodichloromethane
Concen: 2.629 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 83 Resp: 541667

Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.2	78.4
127	7.8	6.3	9.5



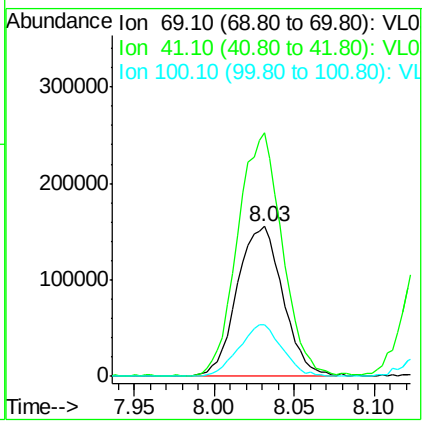


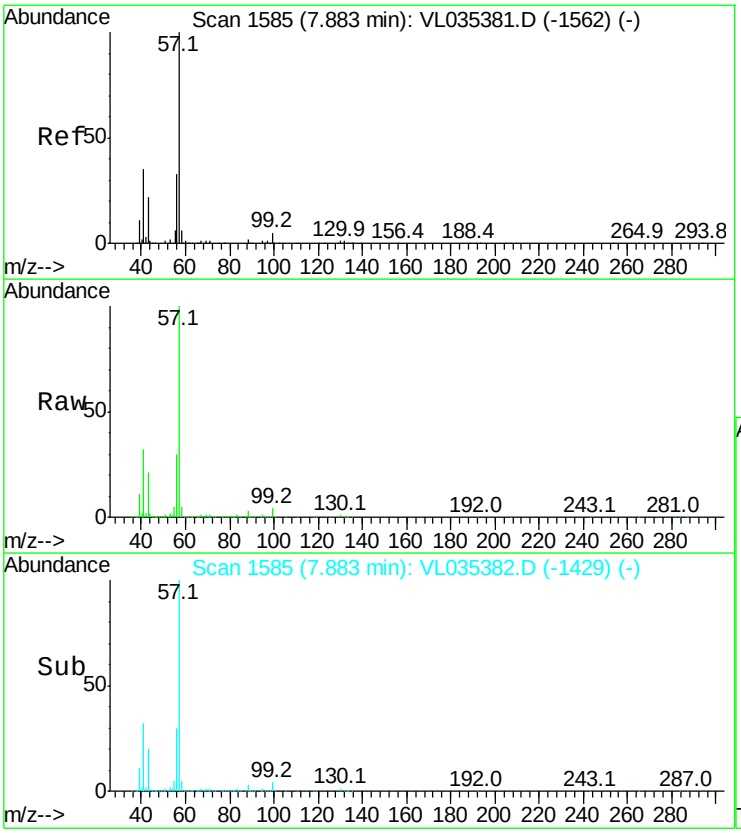
#43
Methyl Methacrylate
Concen: 3.286 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 303676

Ion	Ratio	Lower	Upper
69	100		
41	157.7	123.4	185.2
100	32.6	26.7	40.1

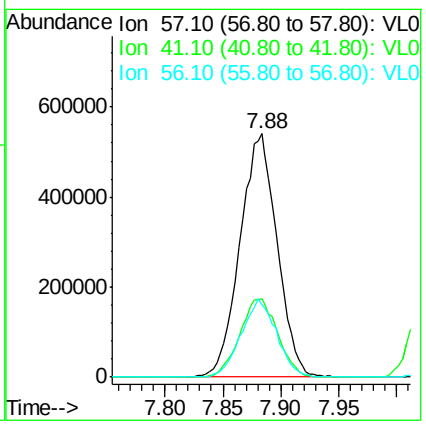


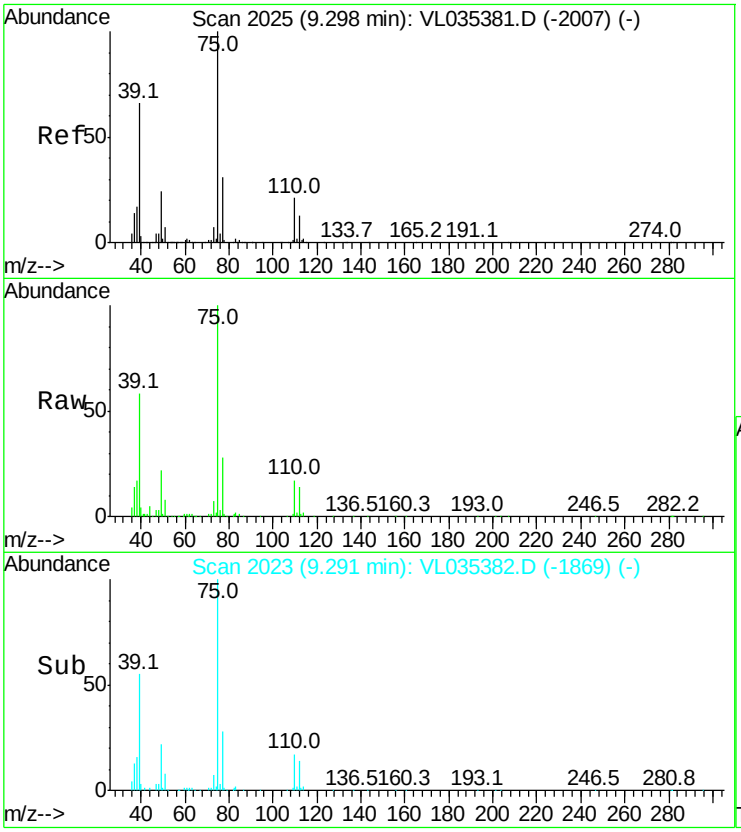


#44
2,2,4-Trimethylpentane
Concen: 3.085 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 57 Resp: 1203819

Ion	Ratio	Lower	Upper
57	100		
41	32.7	26.9	40.3
56	30.7	25.6	38.4



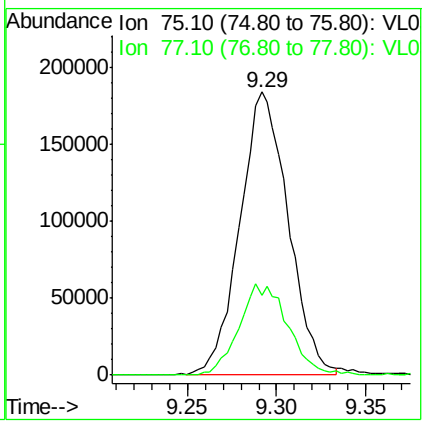


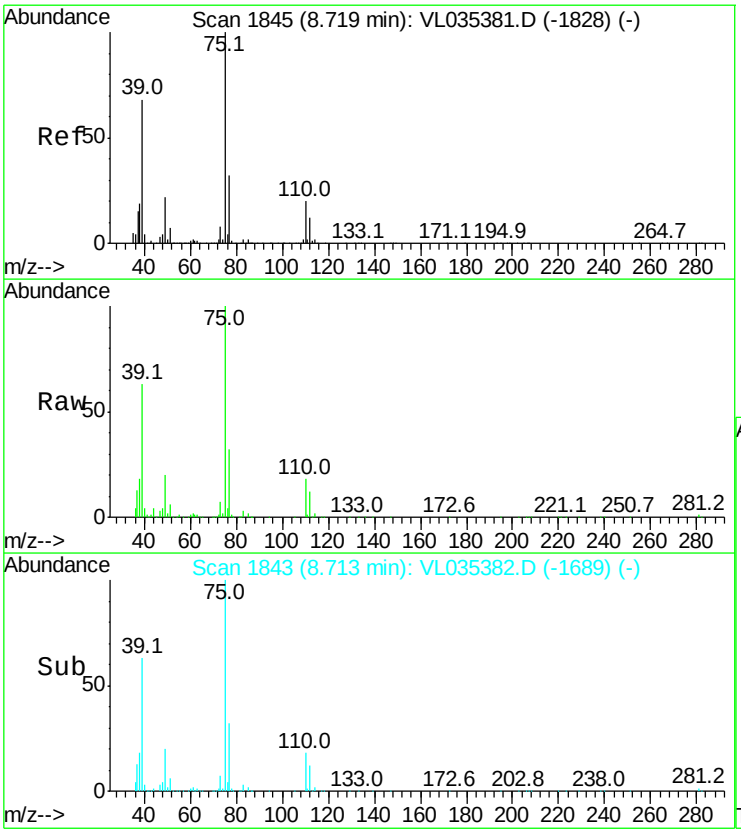
#45
t-1,3-Dichloropropene
Concen: 3.605 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 345611

Ion	Ratio	Lower	Upper
75	100		
77	28.2	25.2	37.8

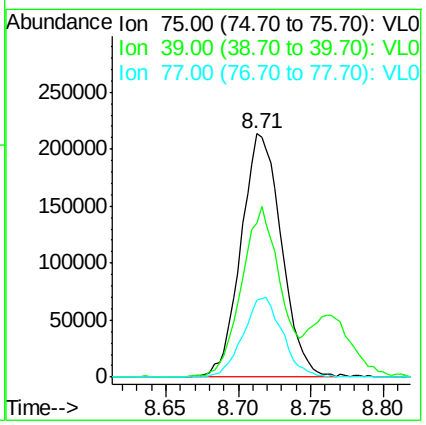


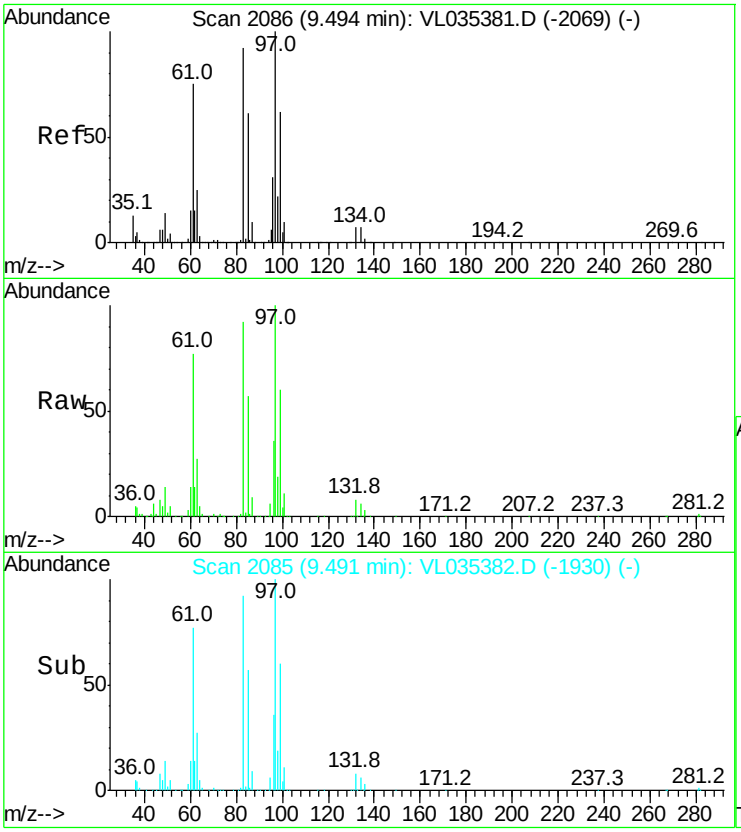


#46
cis-1,3-Dichloropropene
Concen: 3.585 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 75 Resp: 415024

Ion	Ratio	Lower	Upper
75	100		
39	63.1	54.2	81.2
77	31.6	25.7	38.5



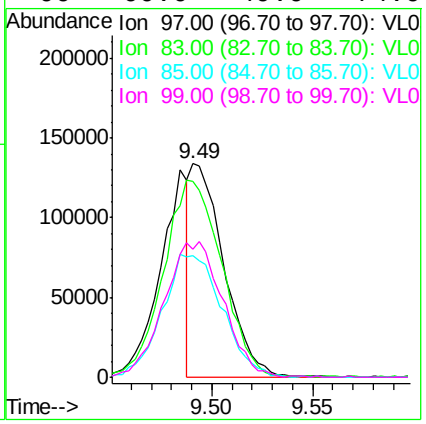


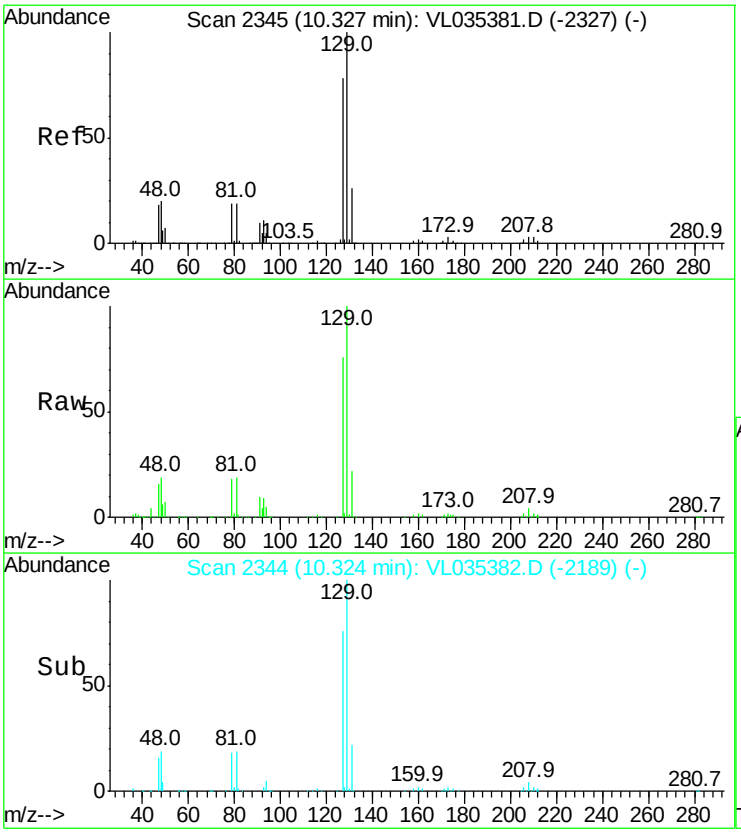
#47
1,1,2-Trichloroethane
Concen: 1.411 ppbv
RT: 9.49 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 97 Resp: 150843

Ion	Ratio	Lower	Upper
97	100		
83	91.3	73.9	110.9
85	57.1	49.0	73.6
99	60.0	49.9	74.9

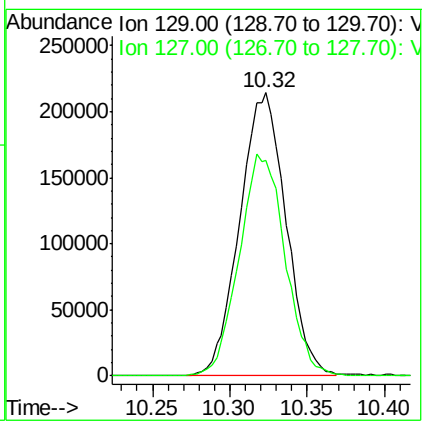


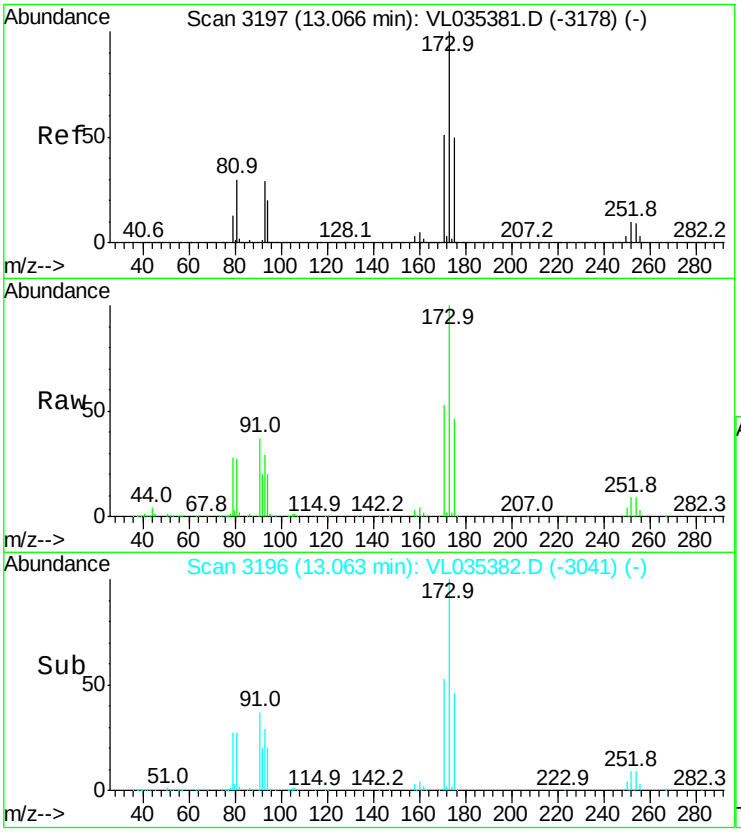


#48
Dibromochloromethane
Concen: 2.540 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:129 Resp: 444899

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.3	117.8



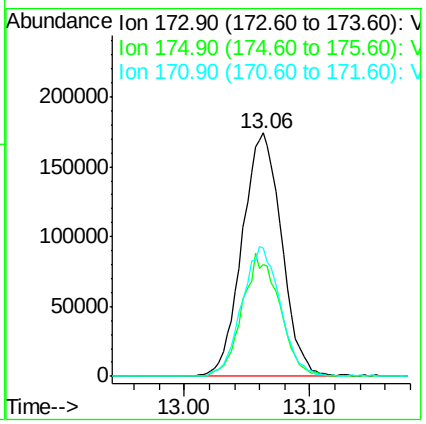


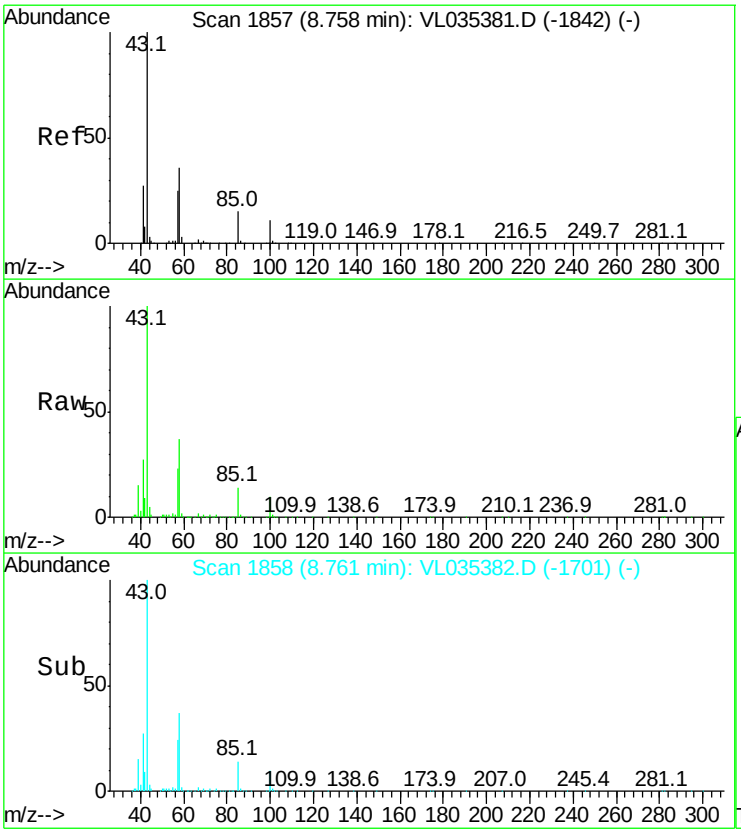
#49
Bromoform
Concen: 2.386 ppbv
RT: 13.06 min Scan# 3196
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:173 Resp: 380813

Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.9	59.9
171	51.9	41.8	62.8

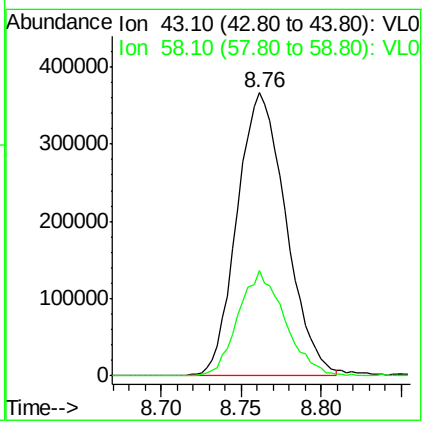


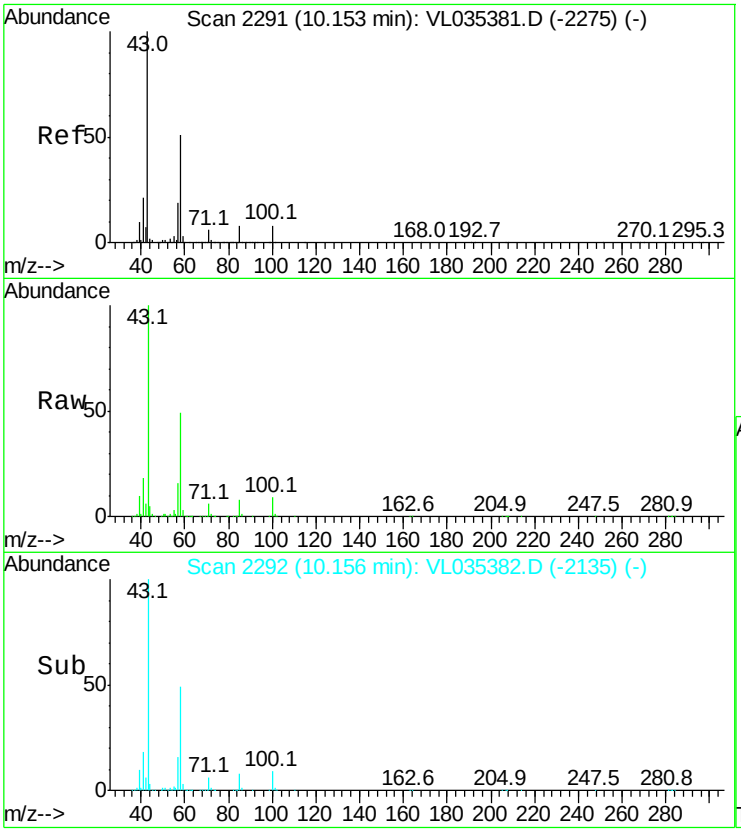


#50
4-Methyl-2-Pentanone
Concen: 3.117 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 43 Resp: 762142

Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.0	43.6



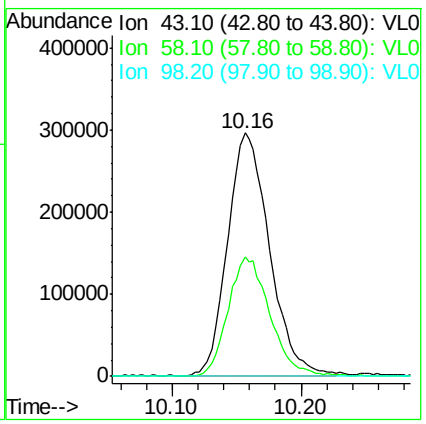


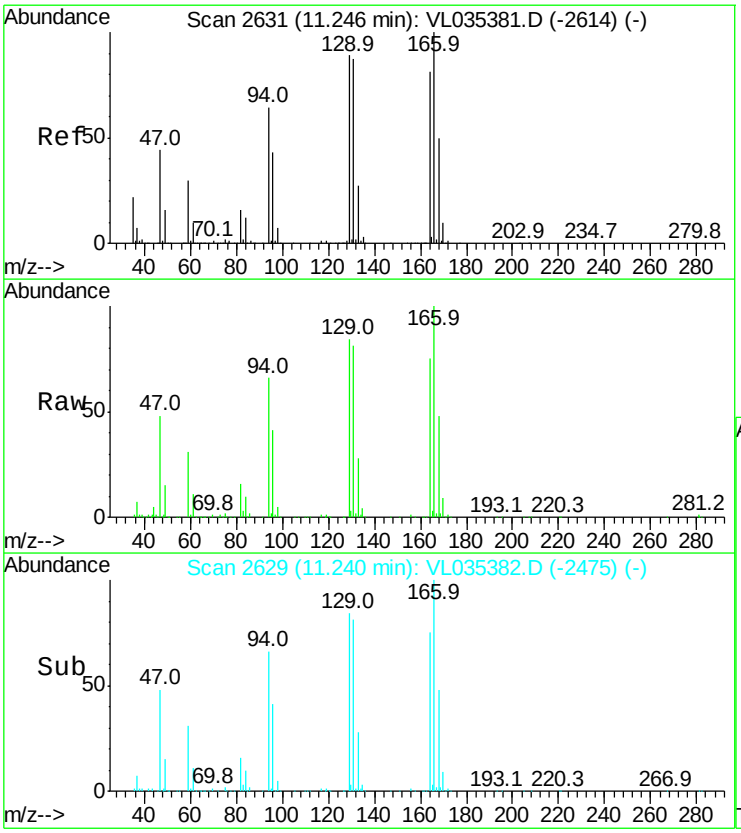
#51
2-Hexanone
Concen: 3.474 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 666090

Ion	Ratio	Lower	Upper
43	100		
58	49.4	39.5	59.3
98	0.1	0.1	0.1

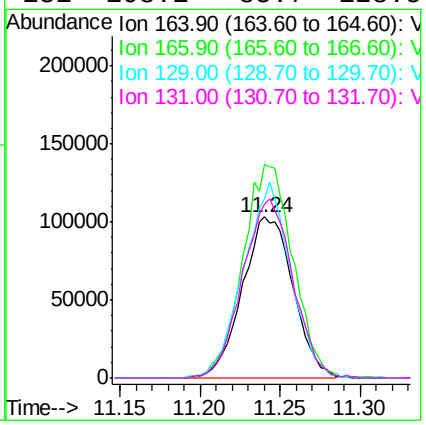


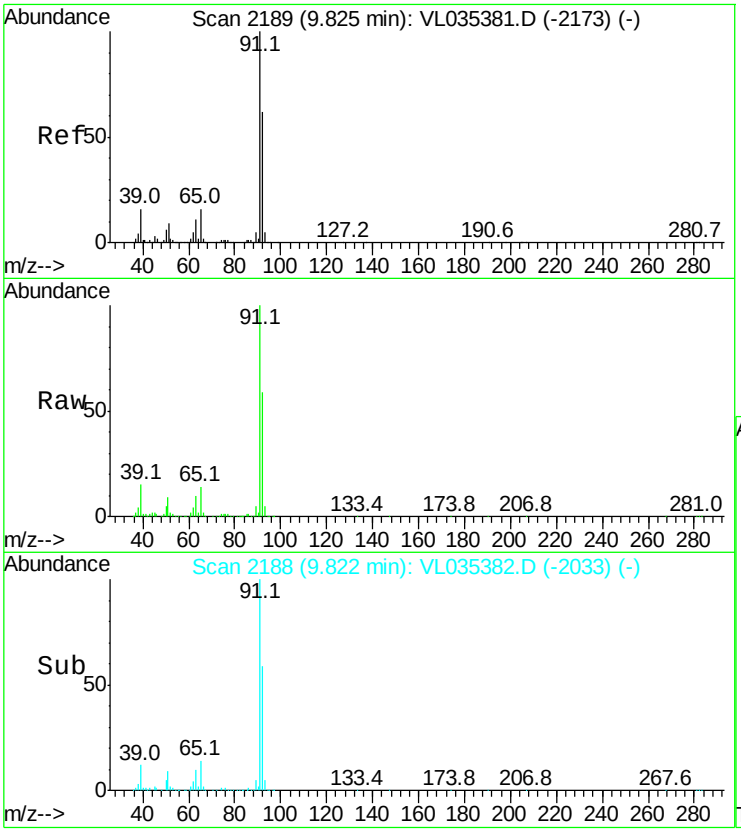


#52
Tetrachloroethene
Concen: 2.582 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:164 Resp: 224847

Ion	Ratio	Lower	Upper
164	100		
166	132.7	98.2	147.2
129	110.4	87.3	130.9
131	108.1	85.7	128.5



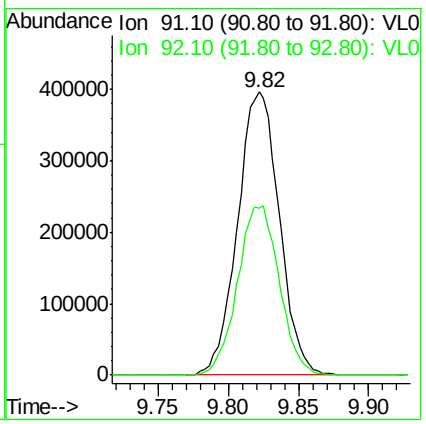


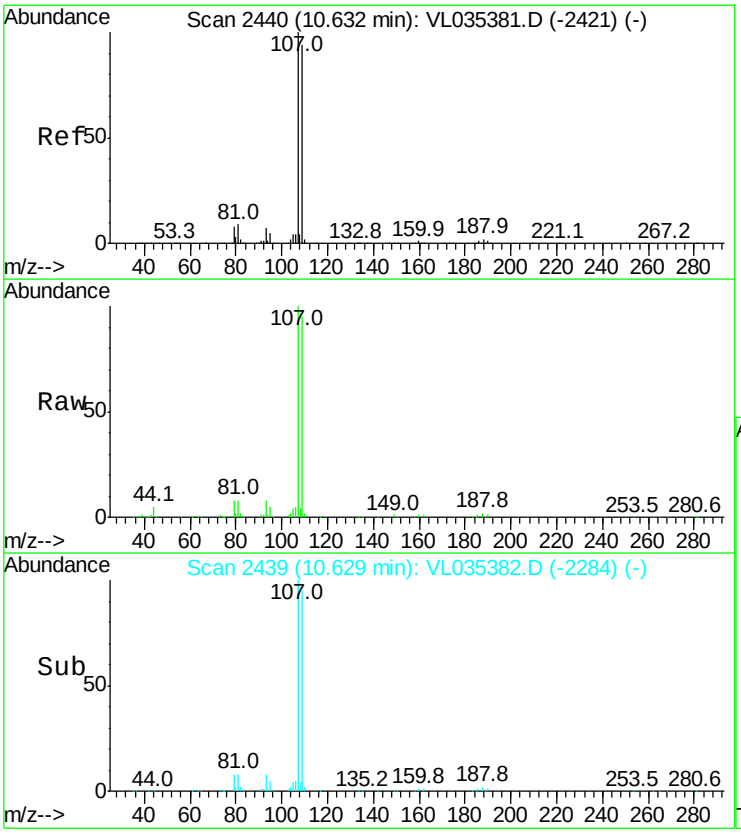
#53
Toluene
Concen: 3.441 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 822170

Ion	Ratio	Lower	Upper
91	100		
92	59.9	49.1	73.7

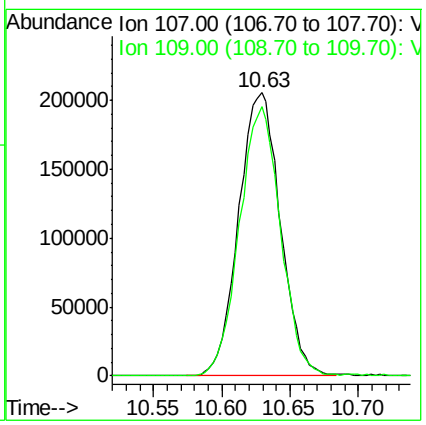


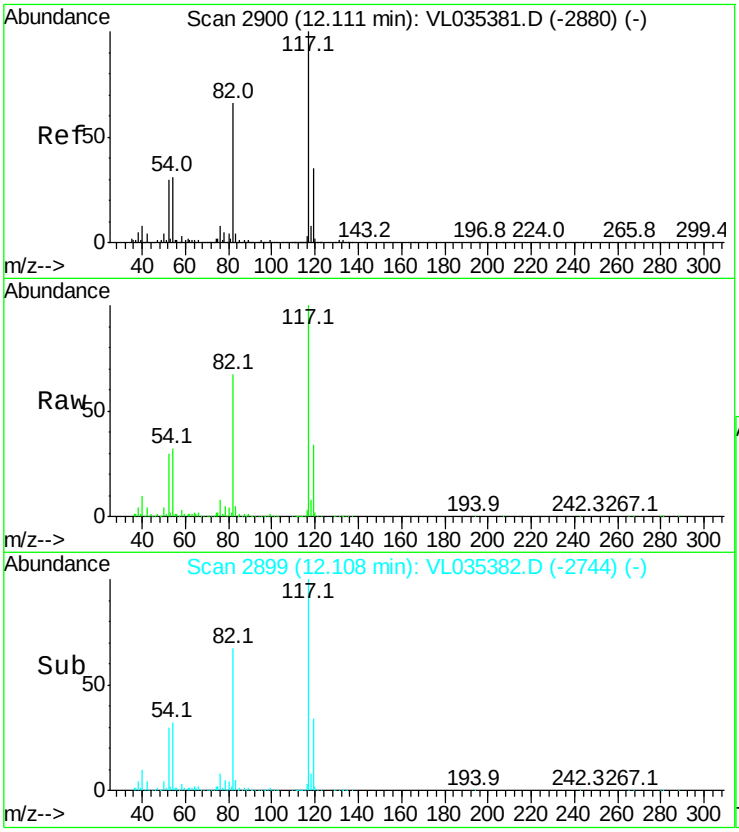


#54
1,2-Dibromoethane
Concen: 2.847 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:107 Resp: 436701

Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.2	112.8



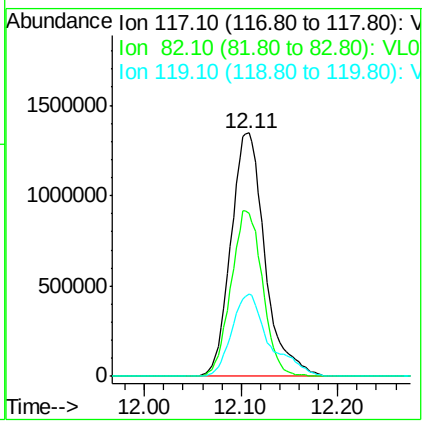


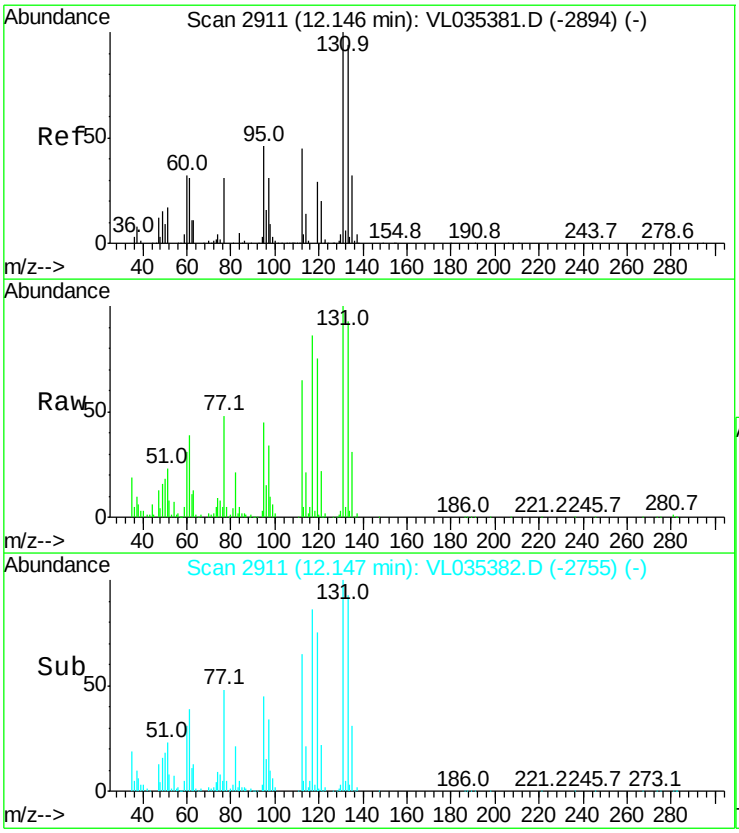
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 3292499

Ion	Ratio	Lower	Upper
117	100		
82	63.3	53.0	79.6
119	37.2	25.7	38.5

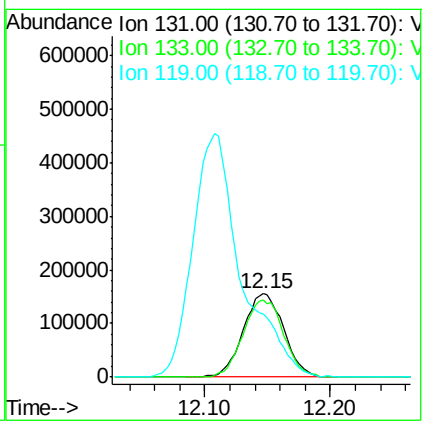


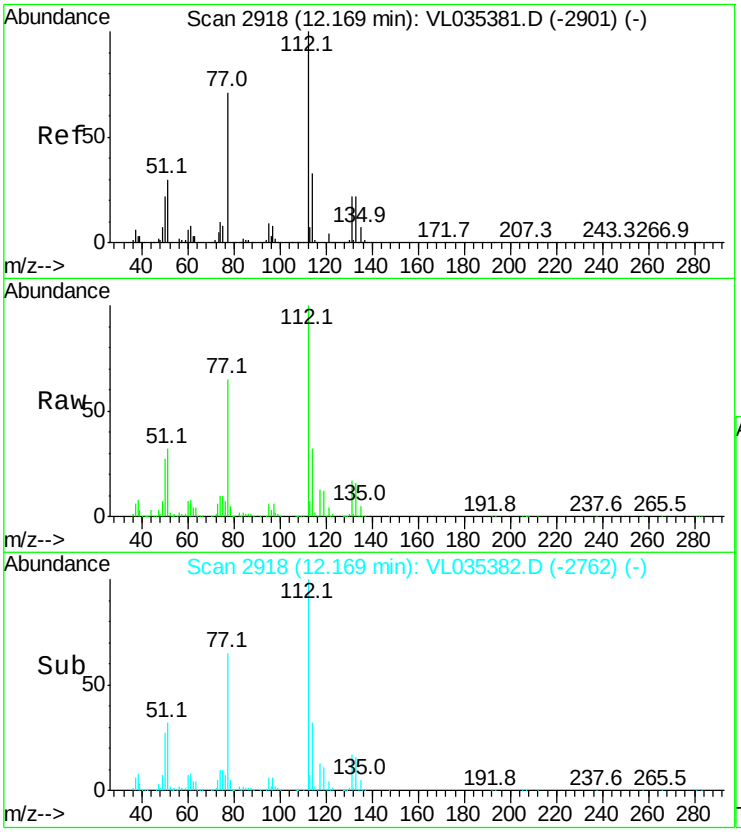


#56
1,1,1,2-Tetrachloroethane
Concen: 2.250 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:131 Resp: 349758

Ion	Ratio	Lower	Upper
131	100		
133	93.5	76.1	114.1
119	350.4	47.0	70.4#



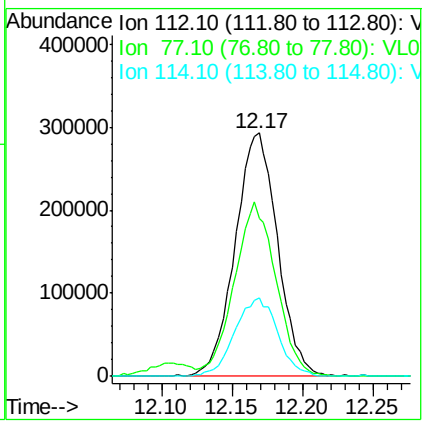


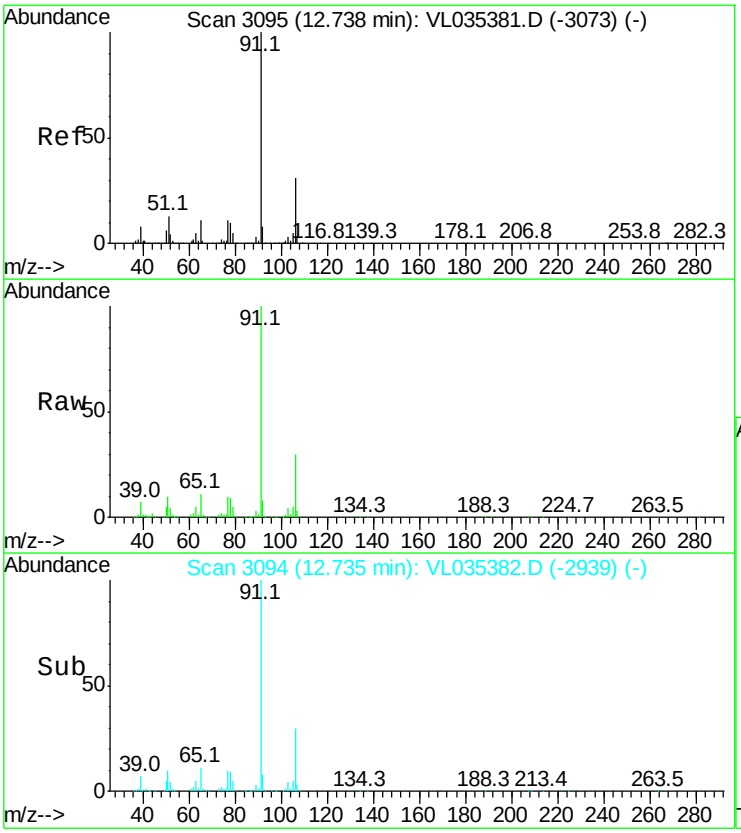
#57
Chlorobenzene
Concen: 2.477 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 614098

Ion	Ratio	Lower	Upper
112	100		
77	64.5	57.6	86.4
114	32.1	30.0	36.6

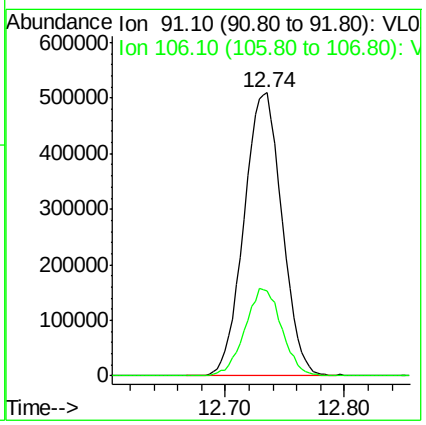


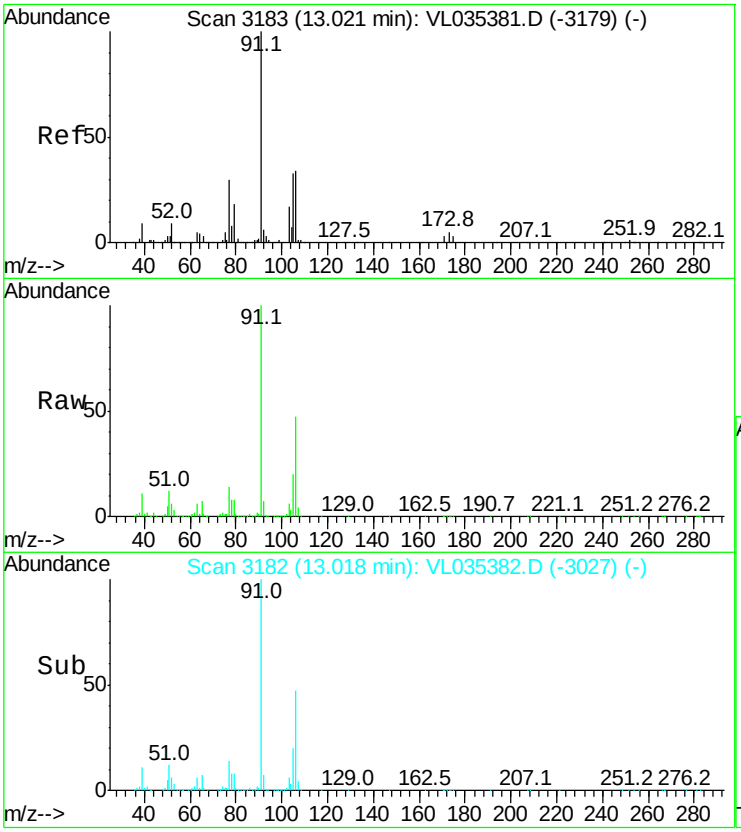


#58
Ethyl Benzene
Concen: 3.289 ppbv
RT: 12.74 min Scan# 3094
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 91 Resp: 1126882

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.1	37.7



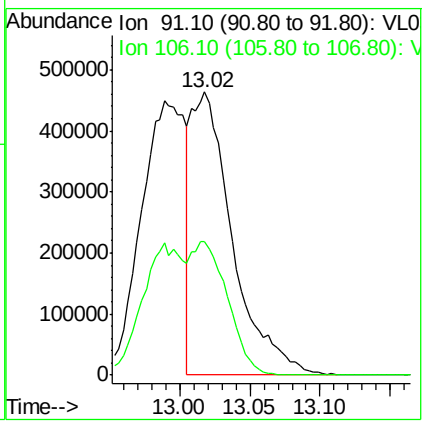


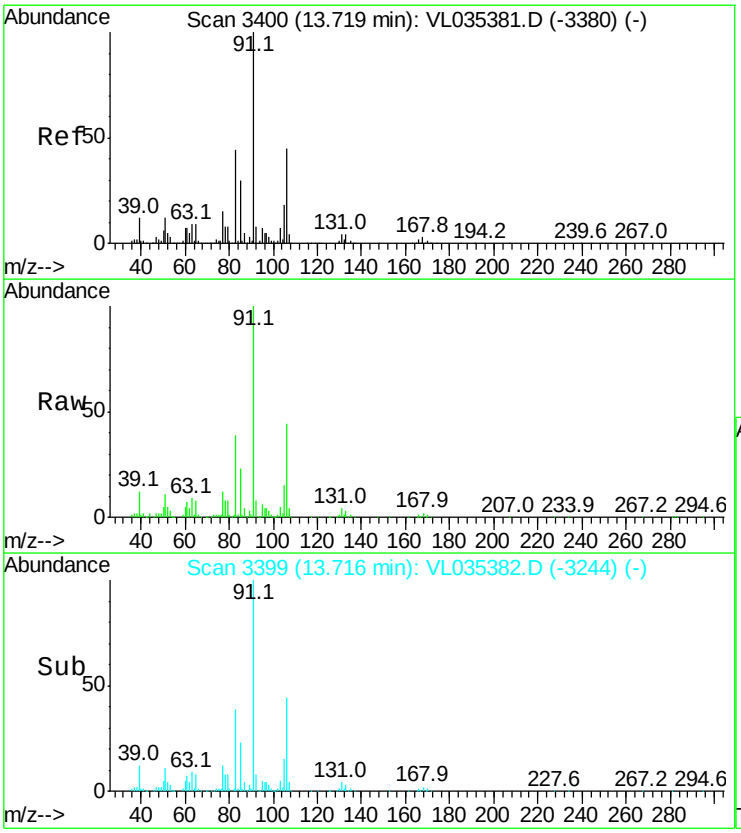
#59
m/p-Xylene
Concen: 2.935 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 936249

Ion	Ratio	Lower	Upper
91	100		
106	89.5	36.7	55.1#

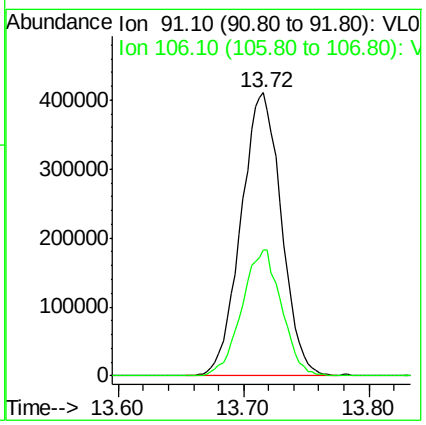


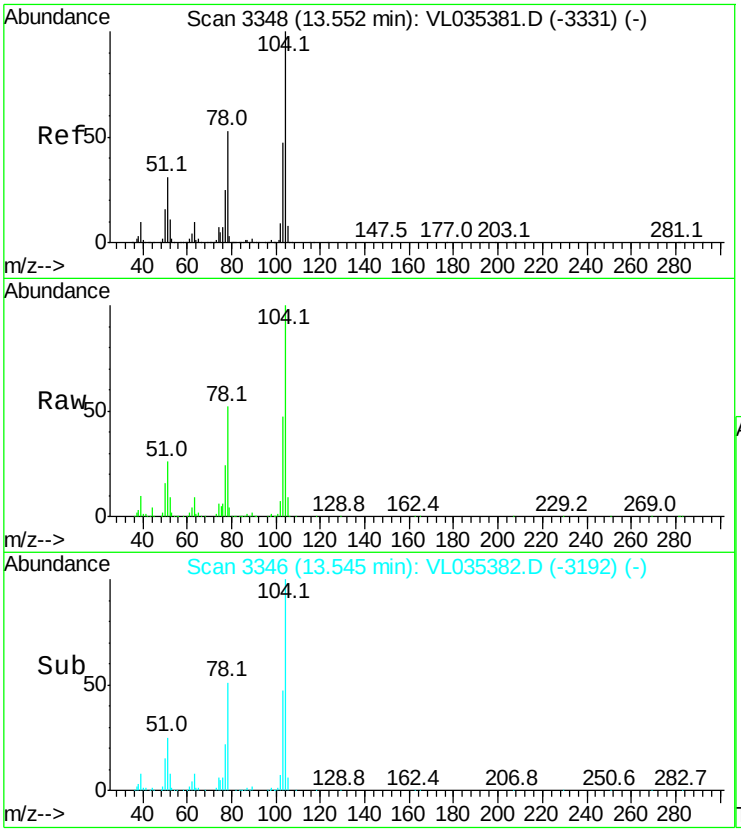


#60
o-Xylene
Concen: 2.896 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 91 Resp: 916891

Ion	Ratio	Lower	Upper
91	100		
106	43.9	22.2	66.6



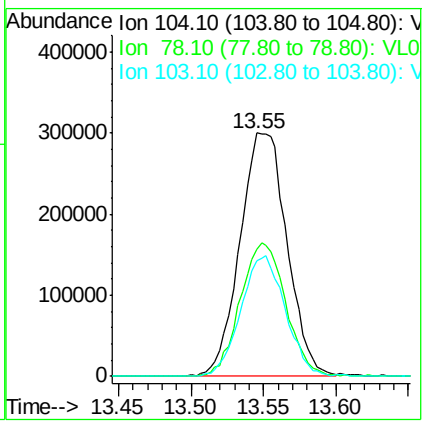


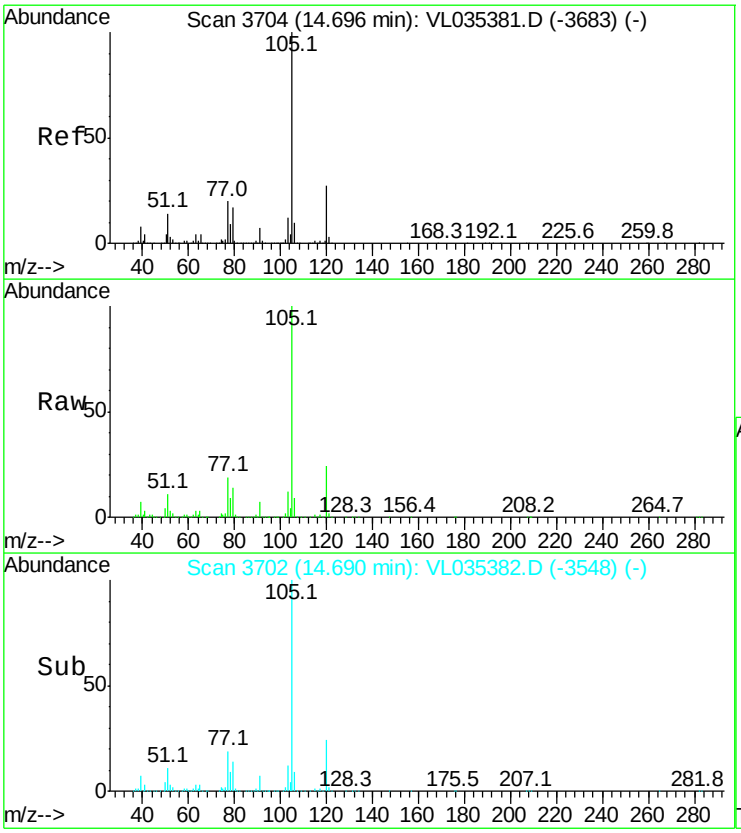
#61
Styrene
Concen: 3.492 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 675049

Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.0	64.4
103	47.1	37.9	56.9

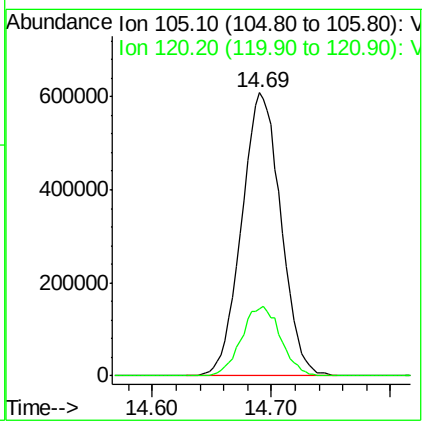


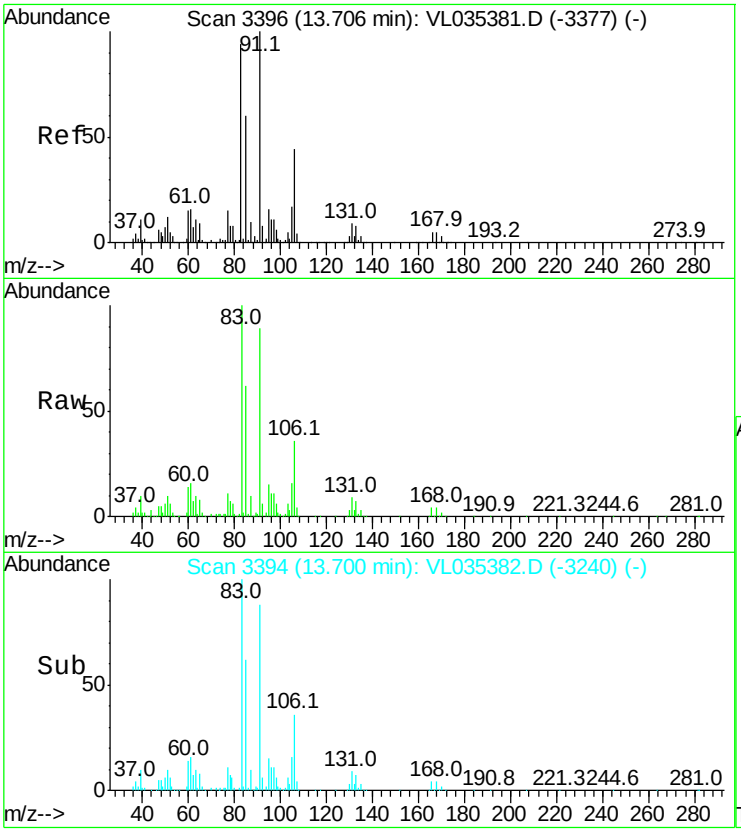


#62
Isopropylbenzene
Concen: 2.912 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:105 Resp: 1388272

Ion	Ratio	Lower	Upper
105	100		
120	24.5	21.1	31.7



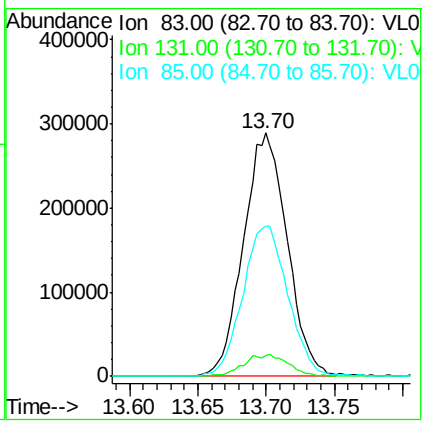


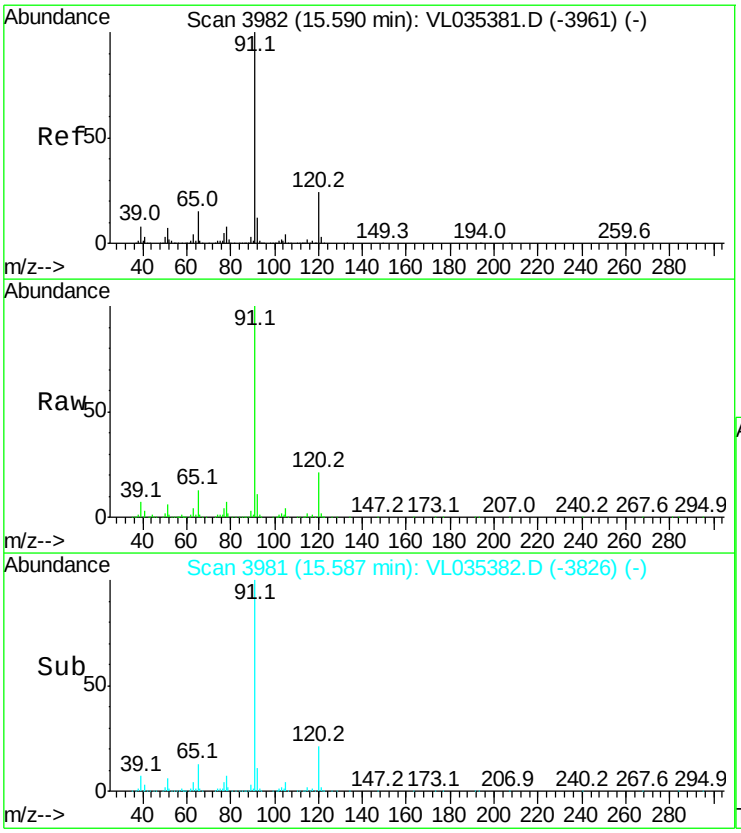
#63
1,1,2,2-Tetrachloroethane
Concen: 2.382 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 83 Resp: 643304

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.7
85	64.0	32.4	97.0

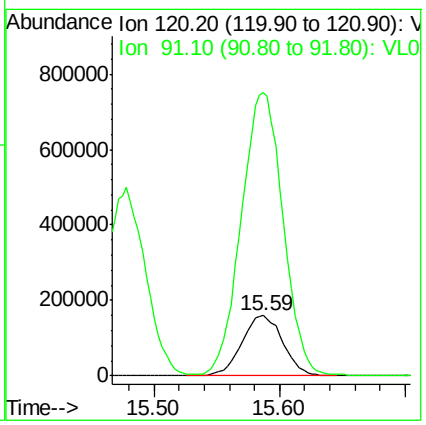


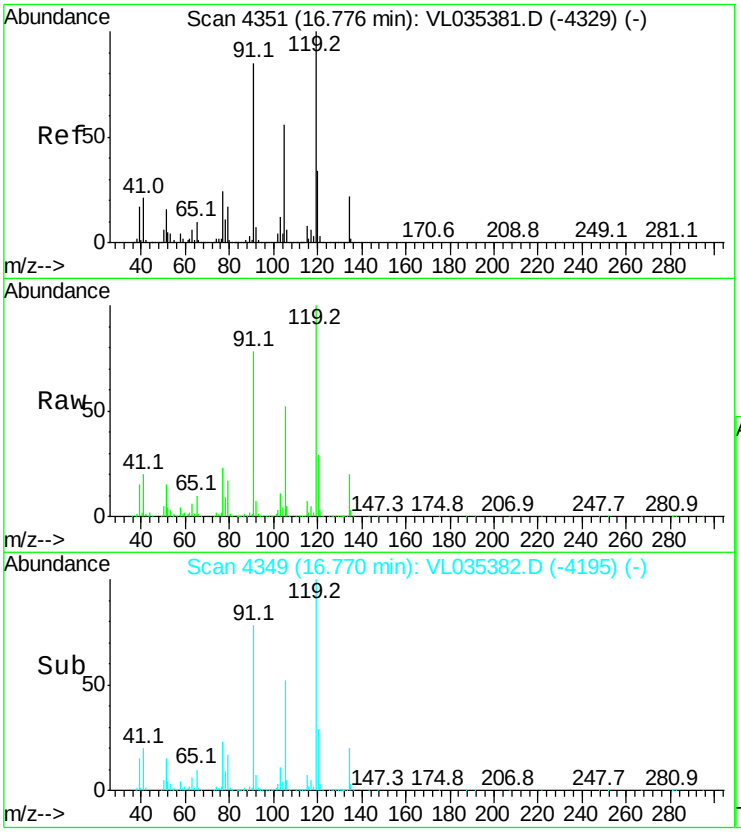


#64
n-propylbenzene
Concen: 2.831 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:120 Resp: 362639

Ion	Ratio	Lower	Upper
120	100		
91	480.6	356.2	534.4



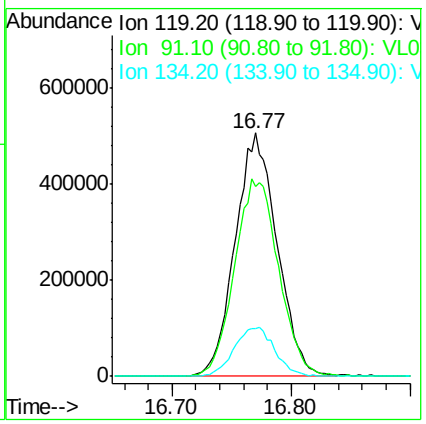


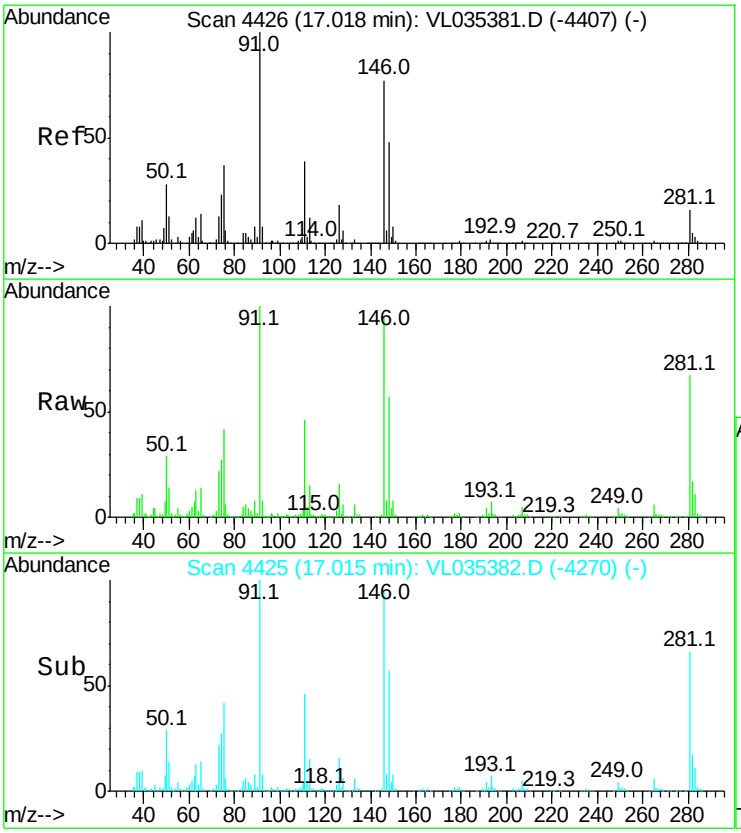
#65
tert-Butylbenzene
Concen: 2.828 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1234559

Ion	Ratio	Lower	Upper
119	100		
91	85.6	68.2	102.4
134	19.7	16.2	24.4

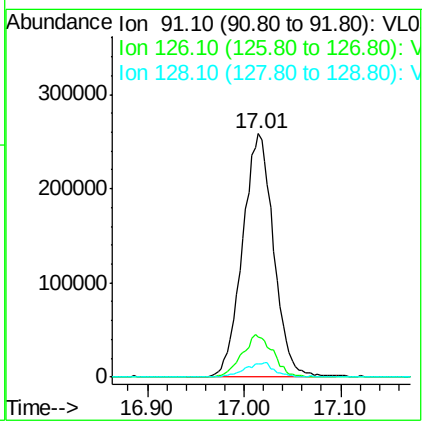


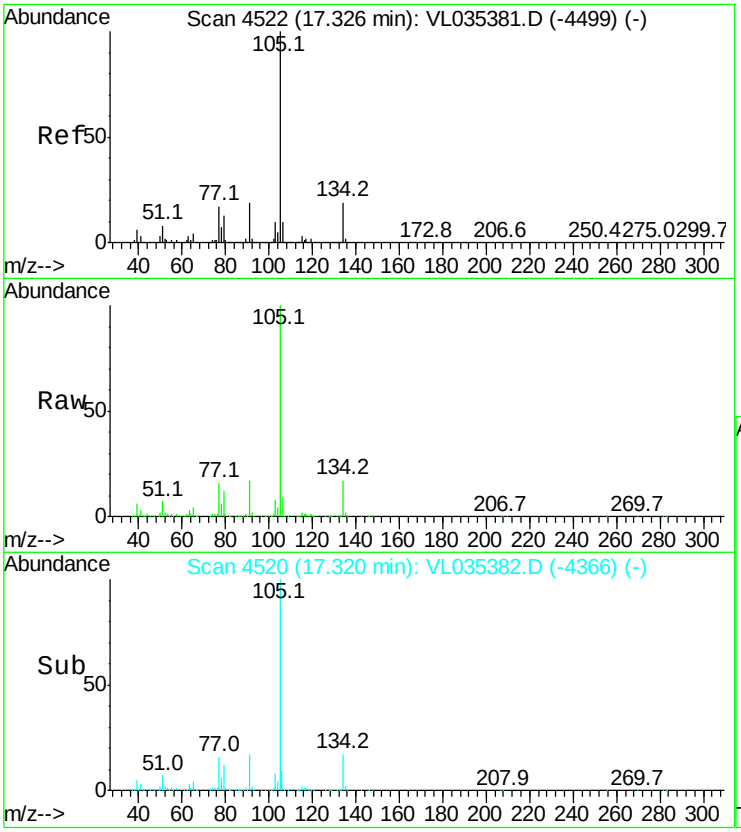


#66
Benzyl Chloride
Concen: 3.346 ppbv
RT: 17.01 min Scan# 4425
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 91 Resp: 577992

Ion	Ratio	Lower	Upper
91	100		
126	17.5	14.4	21.6
128	5.8	4.6	7.0



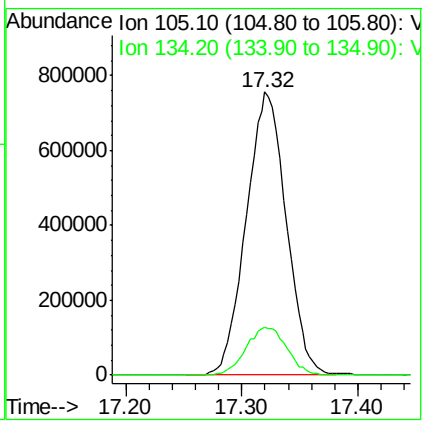


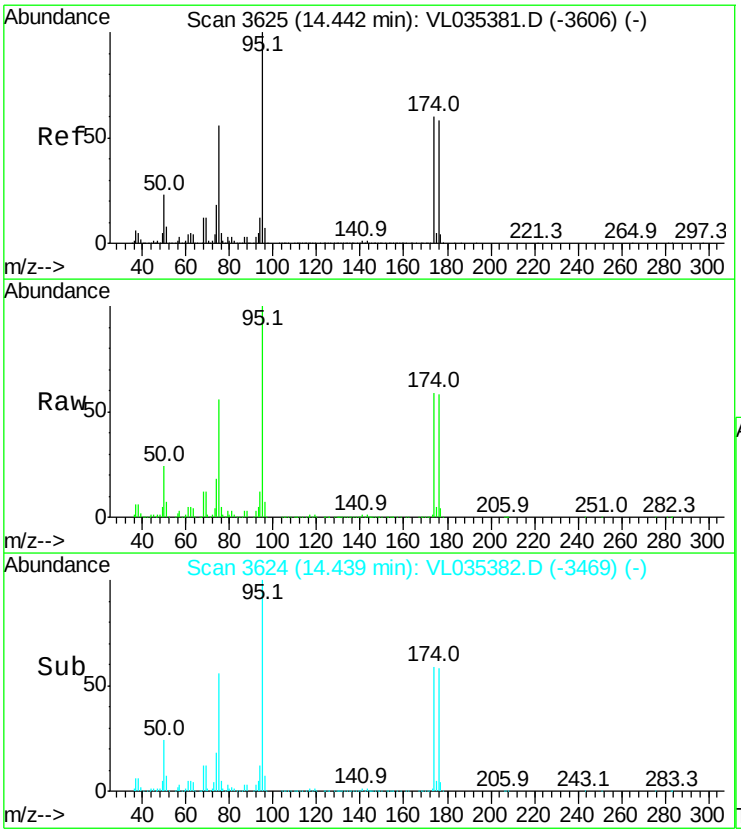
#67
sec-Butylbenzene
Concen: 2.935 ppbv
RT: 17.32 min Scan# 4520
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1811947

Ion	Ratio	Lower	Upper
105	100		
134	17.4	15.0	22.6

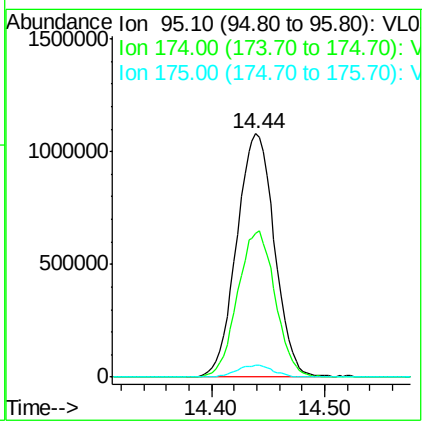


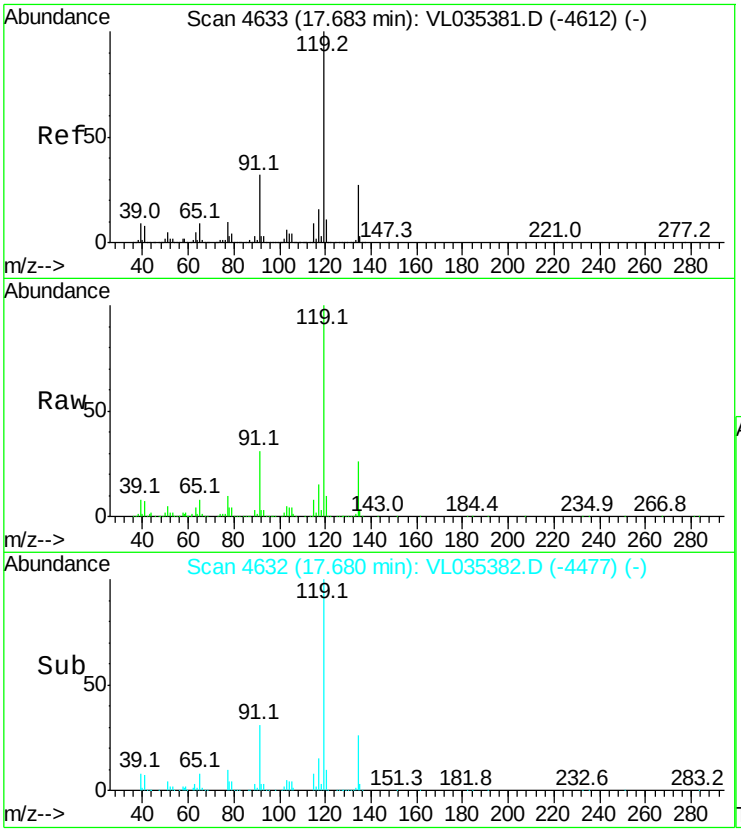


#68
1-Bromo-4-Fluorobenzene
Concen: 9.130 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 95 Resp: 2506832

Ion	Ratio	Lower	Upper
95	100		
174	59.9	48.2	72.2
175	4.8	3.7	5.5



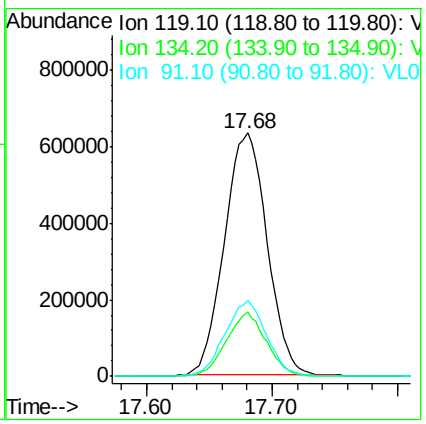


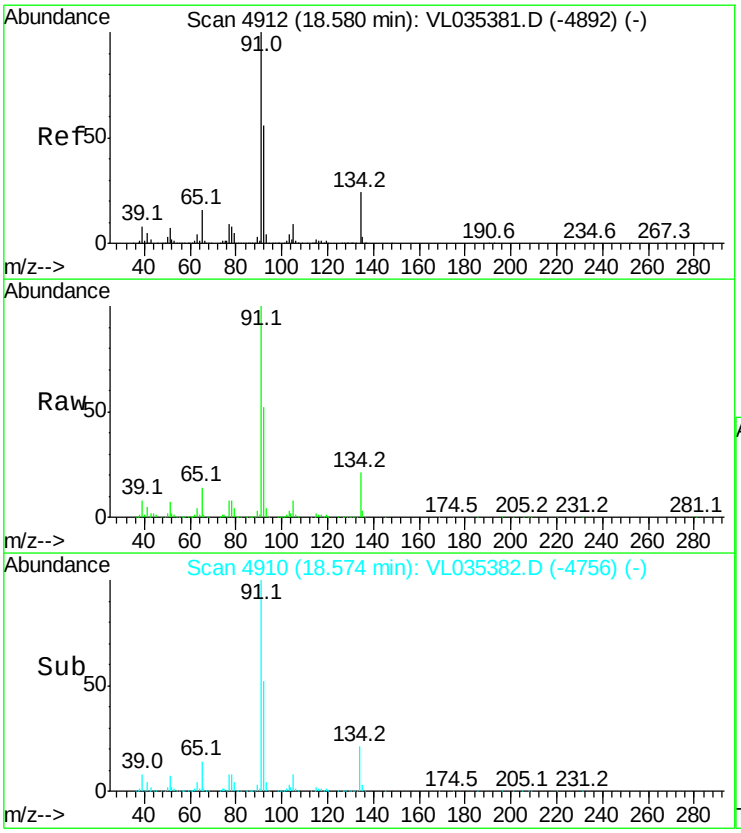
#69
p-Isopropyltoluene
Concen: 2.977 ppbv
RT: 17.68 min Scan# 4632
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1498562

Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.9	31.3
91	30.8	25.3	37.9

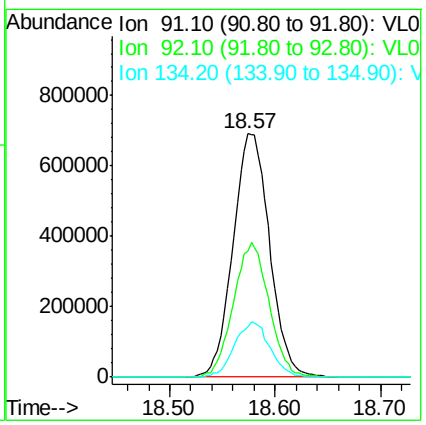


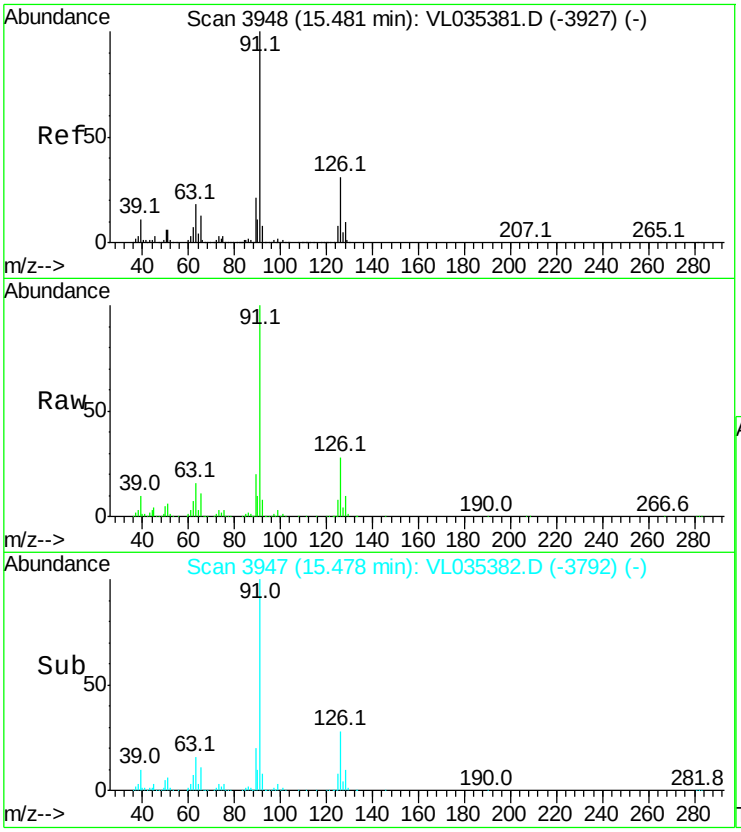


#70
n-Butylbenzene
Concen: 3.085 ppbv
RT: 18.57 min Scan# 4910
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion: 91 Resp: 1660998

Ion	Ratio	Lower	Upper
91	100		
92	54.1	45.0	67.6
134	22.1	18.8	28.2



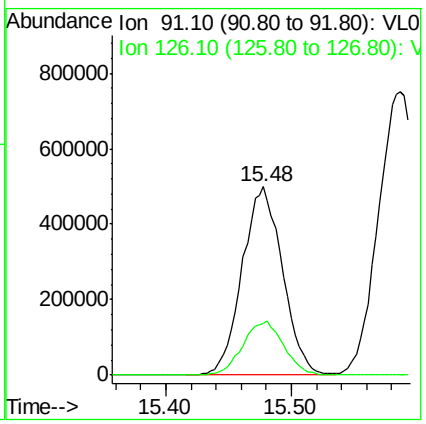


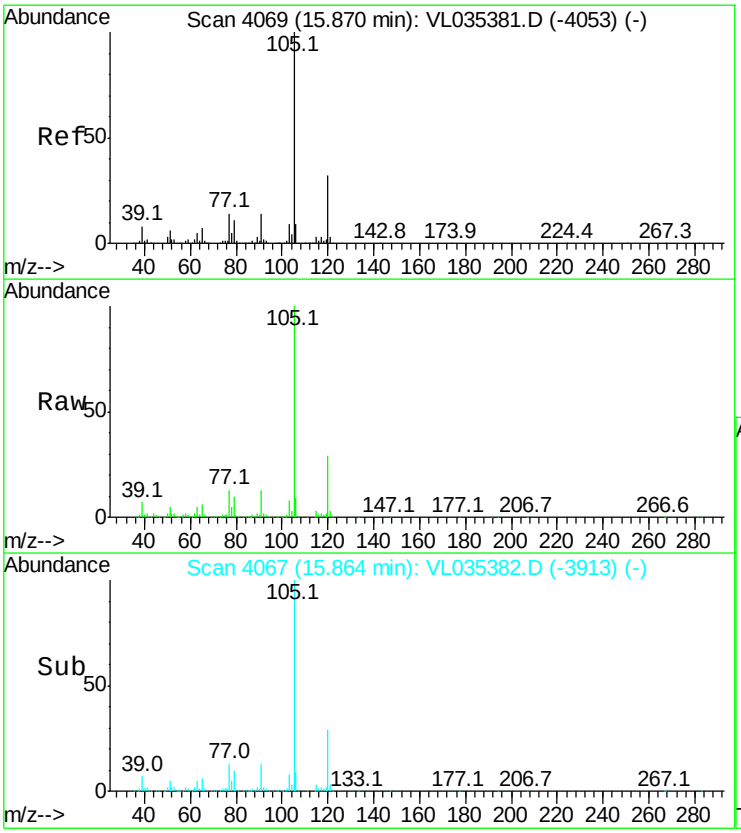
#71
2-Chlorotoluene
Concen: 3.192 ppbv
RT: 15.48 min Scan# 3947
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 1114660

Ion	Ratio	Lower	Upper
91	100		
126	29.1	12.1	48.3

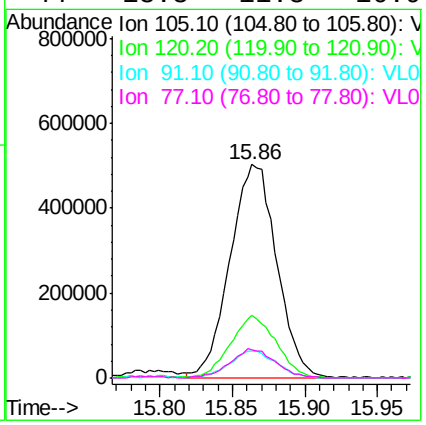


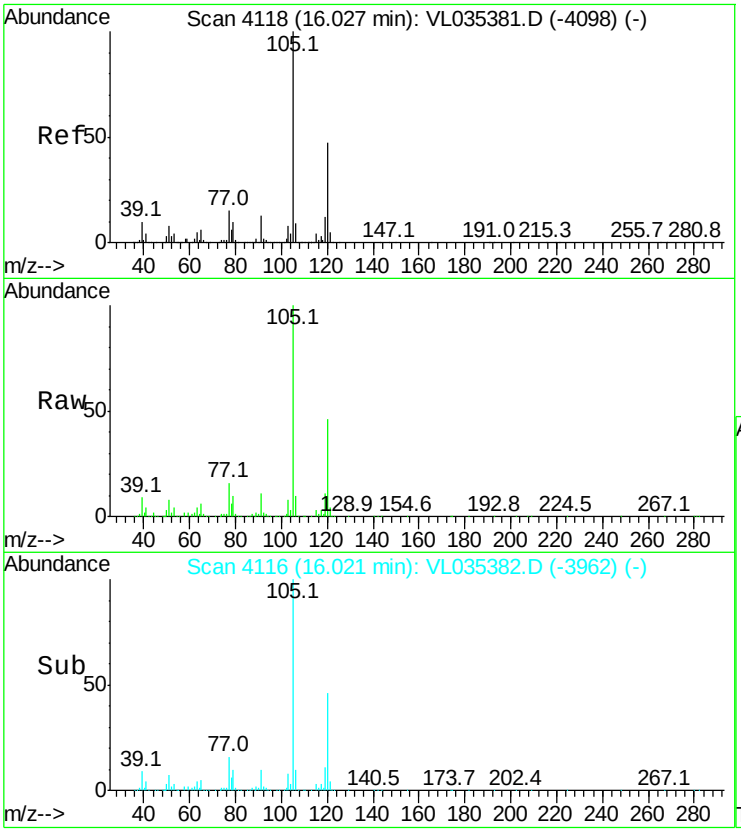


#72
4-Ethyltoluene
Concen: 3.100 ppbv
RT: 15.86 min Scan# 4067
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:105 Resp: 1118759

Ion	Ratio	Lower	Upper
105	100		
120	28.9	24.0	36.0
91	12.7	10.4	15.6
77	13.3	11.3	16.9



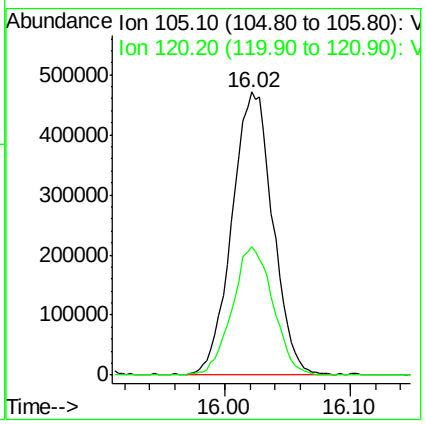


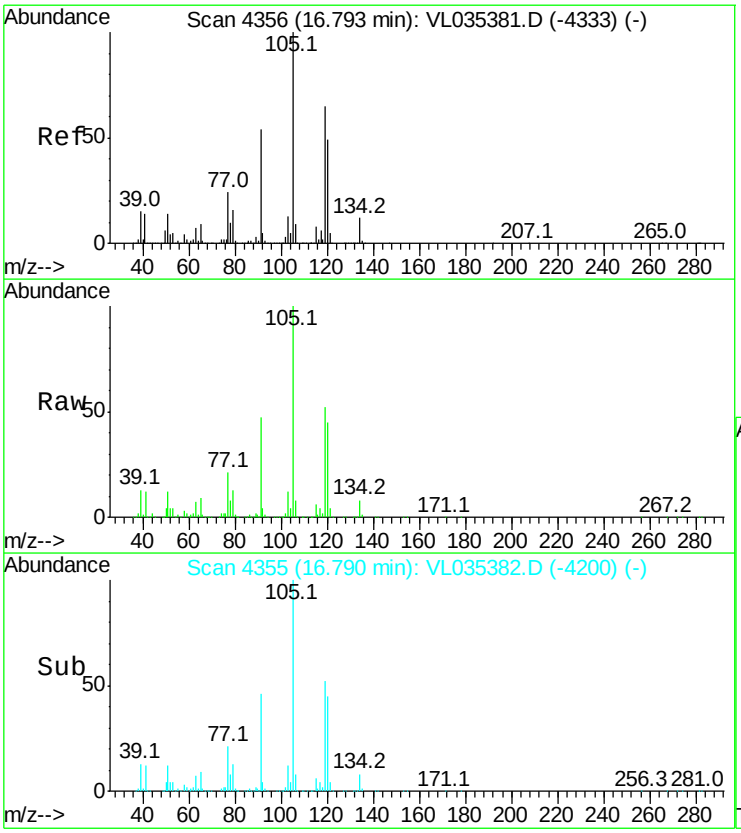
#73
1,3,5-Trimethylbenzene
Concen: 3.058 ppbv
RT: 16.02 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1059073

Ion	Ratio	Lower	Upper
105	100		
120	45.5	37.4	56.0

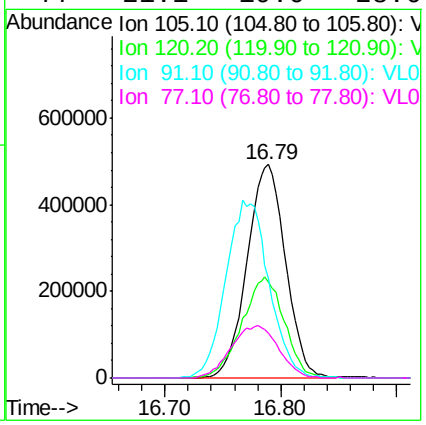


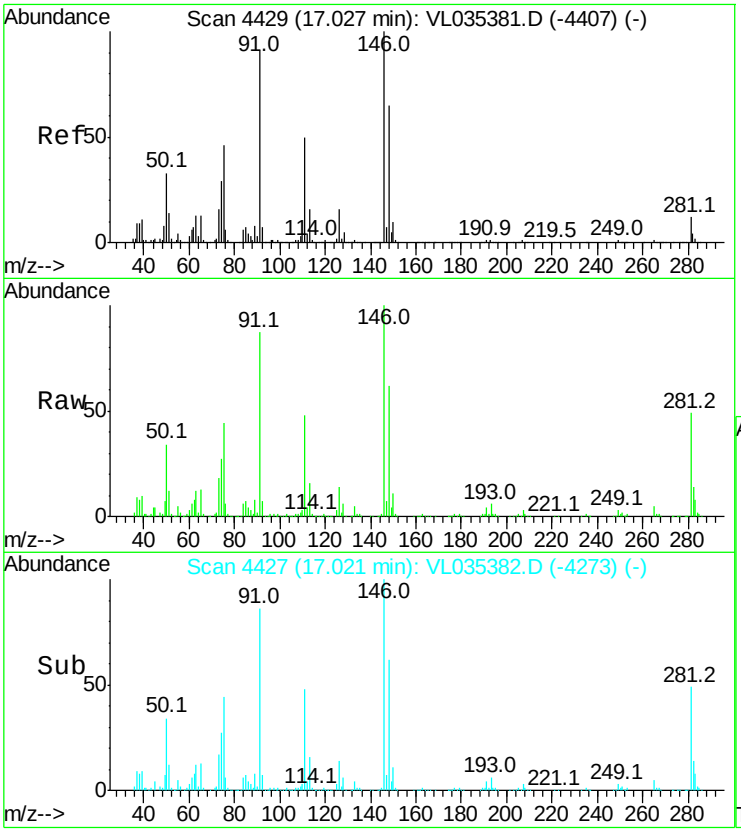


#74
1,2,4-Trimethylbenzene
Concen: 2.874 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:105 Resp: 1137627

Ion	Ratio	Lower	Upper
105	100		
120	45.0	39.1	58.7
91	46.1	43.7	65.5
77	21.1	19.0	28.6



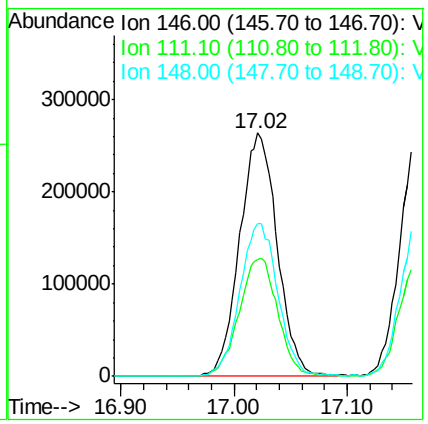


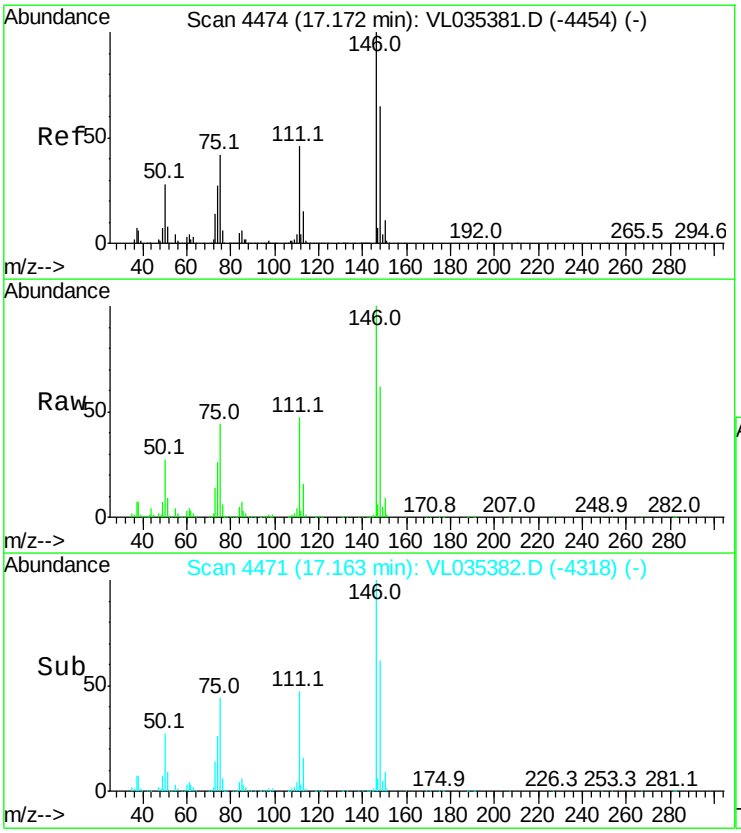
#75
1,3-Dichlorobenzene
Concen: 2.355 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 609928

Ion	Ratio	Lower	Upper
146	100		
111	49.8	25.0	75.0
148	63.4	32.6	97.7

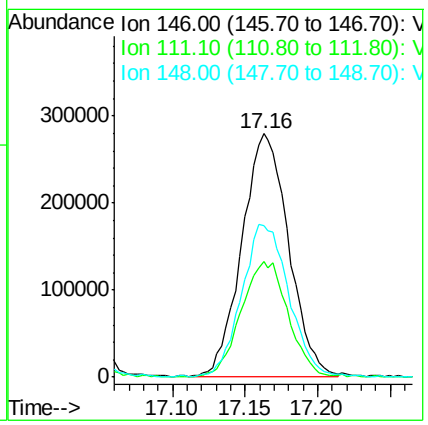


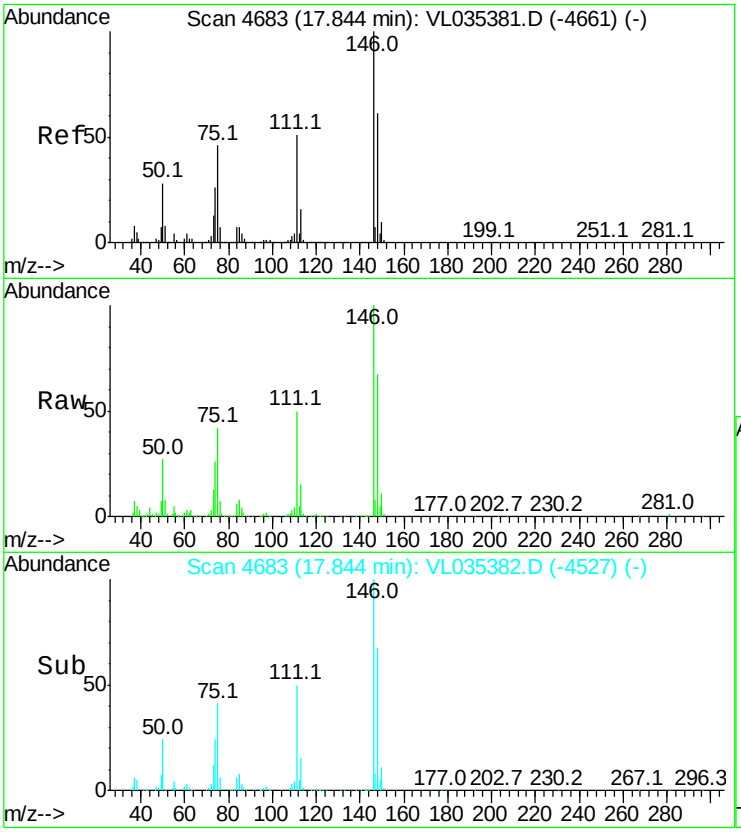


#76
1,4-Dichlorobenzene
Concen: 2.592 ppbv
RT: 17.16 min Scan# 4471
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:146 Resp: 621707

Ion	Ratio	Lower	Upper
146	100		
111	49.1	24.0	72.0
148	64.6	32.5	97.5



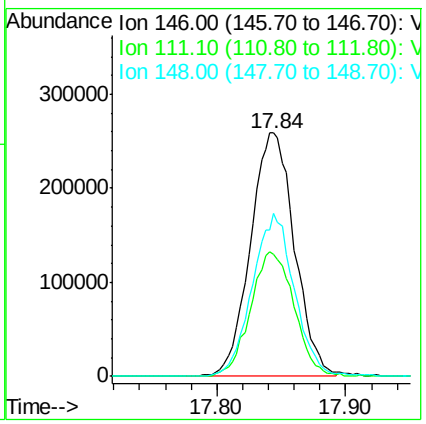


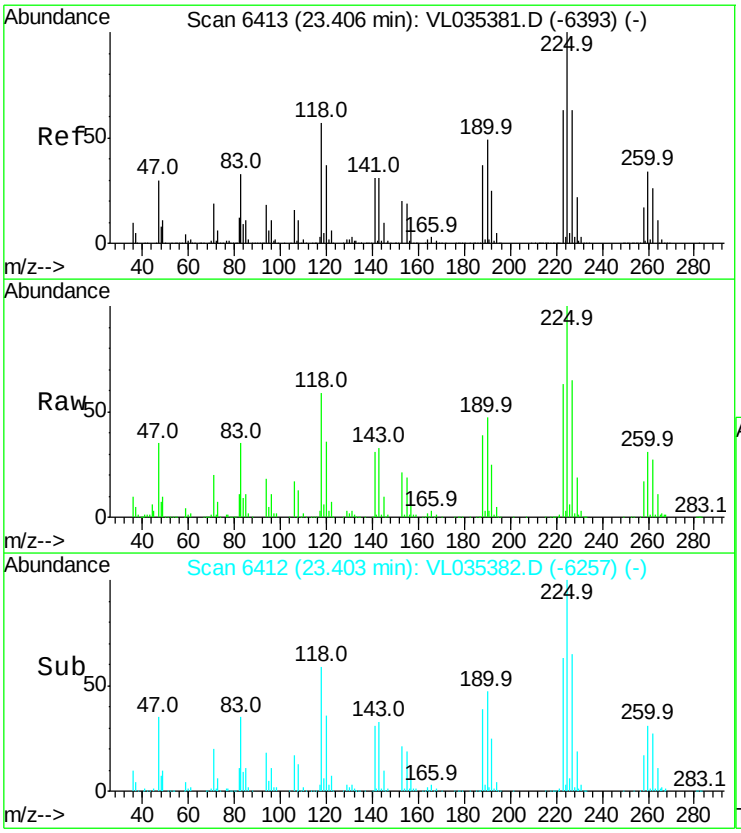
#77
1,2-Dichlorobenzene
Concen: 2.565 ppbv
RT: 17.84 min Scan# 4683
Delta R.T. 0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 613107

Ion	Ratio	Lower	Upper
146	100		
111	51.1	25.9	77.8
148	64.1	32.1	96.3

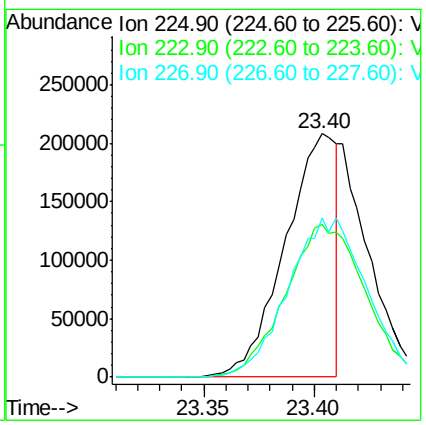


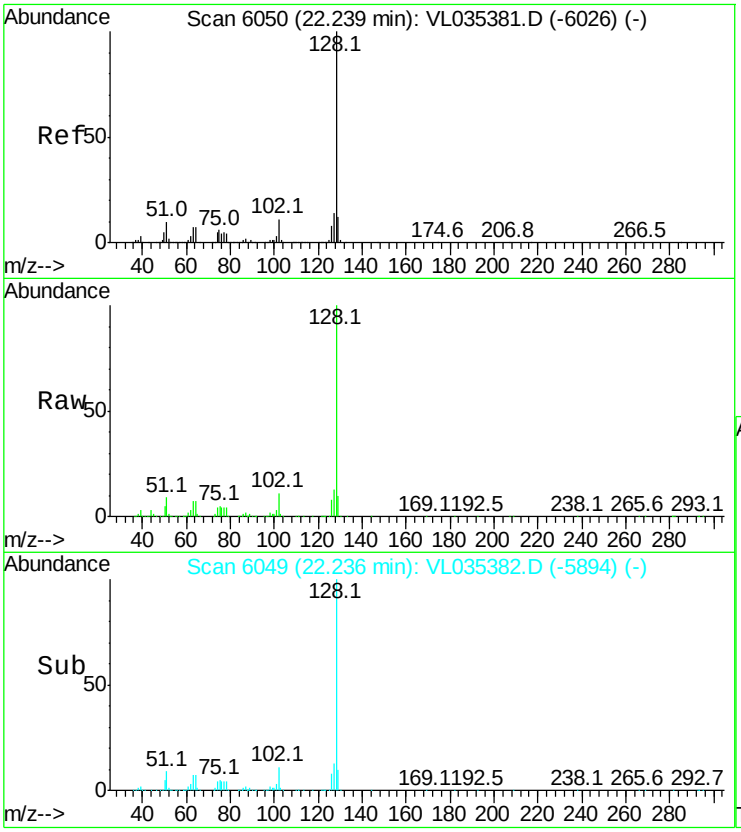


#78
Hexachloro-1,3-Butadiene
Concen: 1.649 ppbv
RT: 23.40 min Scan# 6412
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:225 Resp: 335197

Ion	Ratio	Lower	Upper
225	100		
223	97.5	51.0	76.6#
227	99.8	51.0	76.6#



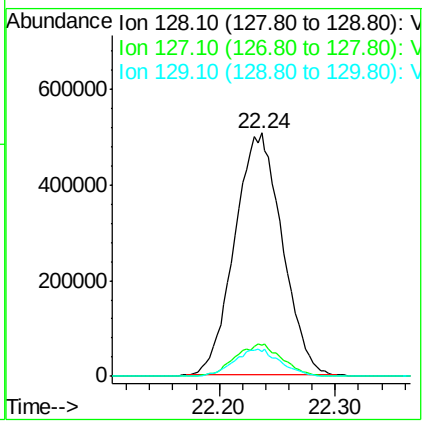


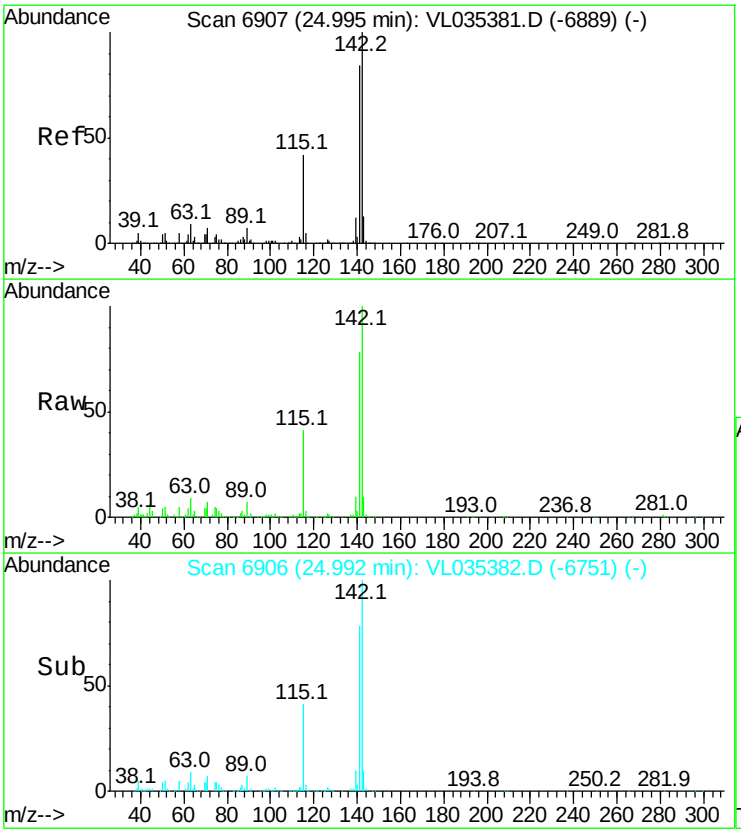
#79
Naphthalene
Concen: 4.723 ppbv
RT: 22.24 min Scan# 6049
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 1437936

Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.0	16.4
129	10.2	9.2	13.8

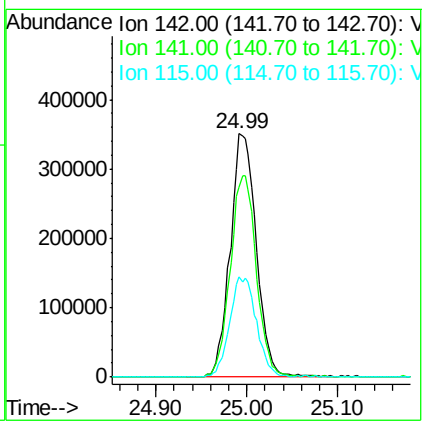


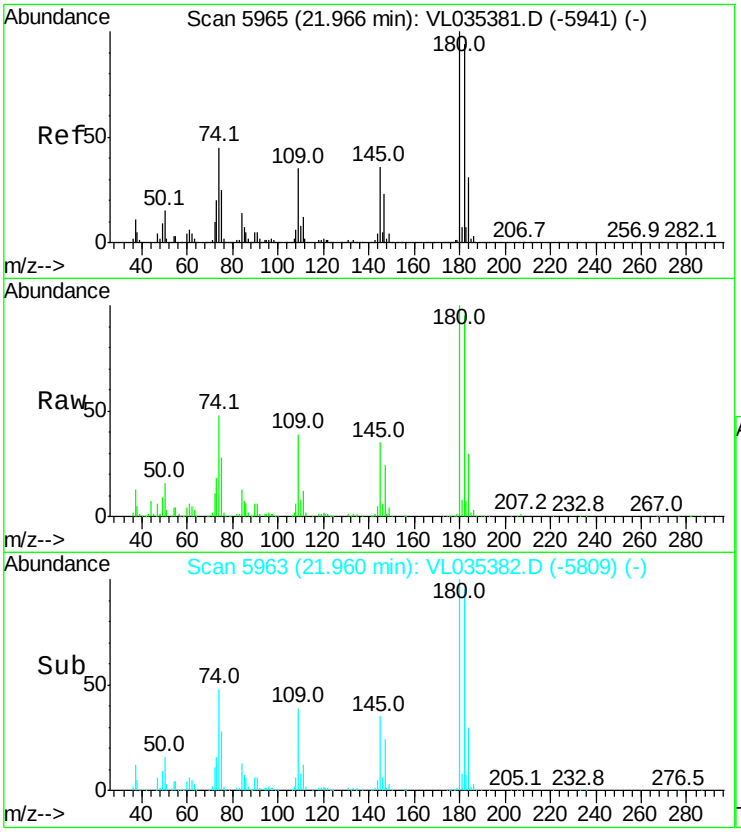


#80
Naphthalene,2-methyl-
Concen: 10.114 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. -0.00 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Tgt Ion:142 Resp: 700466

Ion	Ratio	Lower	Upper
142	100		
141	82.7	67.7	101.5
115	42.5	34.0	51.0





#81
1,2,4-Trichlorobenzene
Concen: 3.548 ppbv
RT: 21.96 min Scan# 5963
Delta R.T. -0.01 min
Lab File: VL035382.D
Acq: 12 Aug 2020 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 680710

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.6	116.4
184	30.2	24.7	37.1