Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035169.D
Acq On : 8 Jul 2020 3:18
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jul 08 06:19:19 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	1333346	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3163216	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3026129	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2394501	9.52	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	351501	1.946	ppbv	97
3) Chlorodifluoromethane	2.94	51	312921	2.143	ppbv	97
4) Chloromethane	3.10	50	179111	2.196	ppbv	100
5) Vinyl Chloride	3.21	62	171829	2.195	ppbv	94
6) Bromomethane	3.44	94	106984	2.187	ppbv	91
7) Chloroethane	3.52	64	62601	2.106	ppbv	98
8) Dichlorotetrafluoroethane	3.14	85	428700	2.219	ppbv	99
9) Propene	2.96	41	121193	2.108	ppbv	99
10) Heptane	8.13	43	301759	2.017	ppbv	98
11) Trichlorofluoromethane	3.92	101	445822	2.291	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.46	101	308433	2.289	ppbv	99
13) Ethanol	3.57	45	38552	1.810	ppbv	99
14) Bromoethene	3.70	108	126495	2.192	ppbv	97
15) Acetone	3.82	43	386915	2.387	ppbv	95
16) 1,3-Butadiene	3.29	39	148274	2.111	ppbv	99
17) tert-Butyl alcohol	4.27	59	321455	2.229	ppbv	99
18) 1,1-Dichloroethene	4.26	96	138508	2.282	ppbv	96
19) Isopropyl Alcohol	3.94	45	214336	2.056	ppbv #	98
20) Methylene Chloride	4.31	84	178621	2.708	ppbv	96
21) Allyl Chloride	4.38	41	218606	2.276	ppbv	97
22) trans-1,2-Dichloroethene	4.86	96	132977	2.323	ppbv	97
23) Vinyl Acetate	5.05	43	420332	2.167	ppbv	96
24) 1,1-Dichloroethane	4.99	63	350928	2.133	ppbv	99
25) Ethyl Acetate	5.66	43	599432	2.072	ppbv	100
26) Hexane	5.67	57	267033	2.043	ppbv	96
27) Carbon Disulfide	4.52	76	362785	2.601	ppbv	97
28) Methyl tert-Butyl Ether	5.01	73	407589	2.216	ppbv	100
29) Chloroform	5.74	83	438909	2.142	ppbv	93
30) Cyclohexane	7.13	84	193702	2.072	ppbv	96
31) cis-1,2-Dichloroethene	5.54	61	243687	2.038	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	410322	2.150	ppbv	99
34) 2-Butanone	5.23	43	374373	2.092	ppbv	98
35) Carbon Tetrachloride	7.01	117	421948	2.217	ppbv	98
36) Benzene	6.89	78	495216	2.045	ppbv	96
37) 1,2-Dichloroethane	6.30	62	318734	2.068	ppbv	100
38) Trichloroethene	7.84	130	206096	2.172	ppbv	87
39) 1,2-Dichloropropane	7.62	63	198540	2.102	ppbv	93
40) 1,4-Dioxane	7.84	88	33273	0.870	ppbv #	1
41) Tetrahydrofuran	6.04	42	192966	2.117	ppbv	97
42) Bromodichloromethane	7.80	83	444832	2.222	ppbv	96
43) Methyl Methacrylate	8.02	69	124359	1.213	ppbv #	25

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035169.D
Acq On : 8 Jul 2020 3:18
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jul 08 06:19:19 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

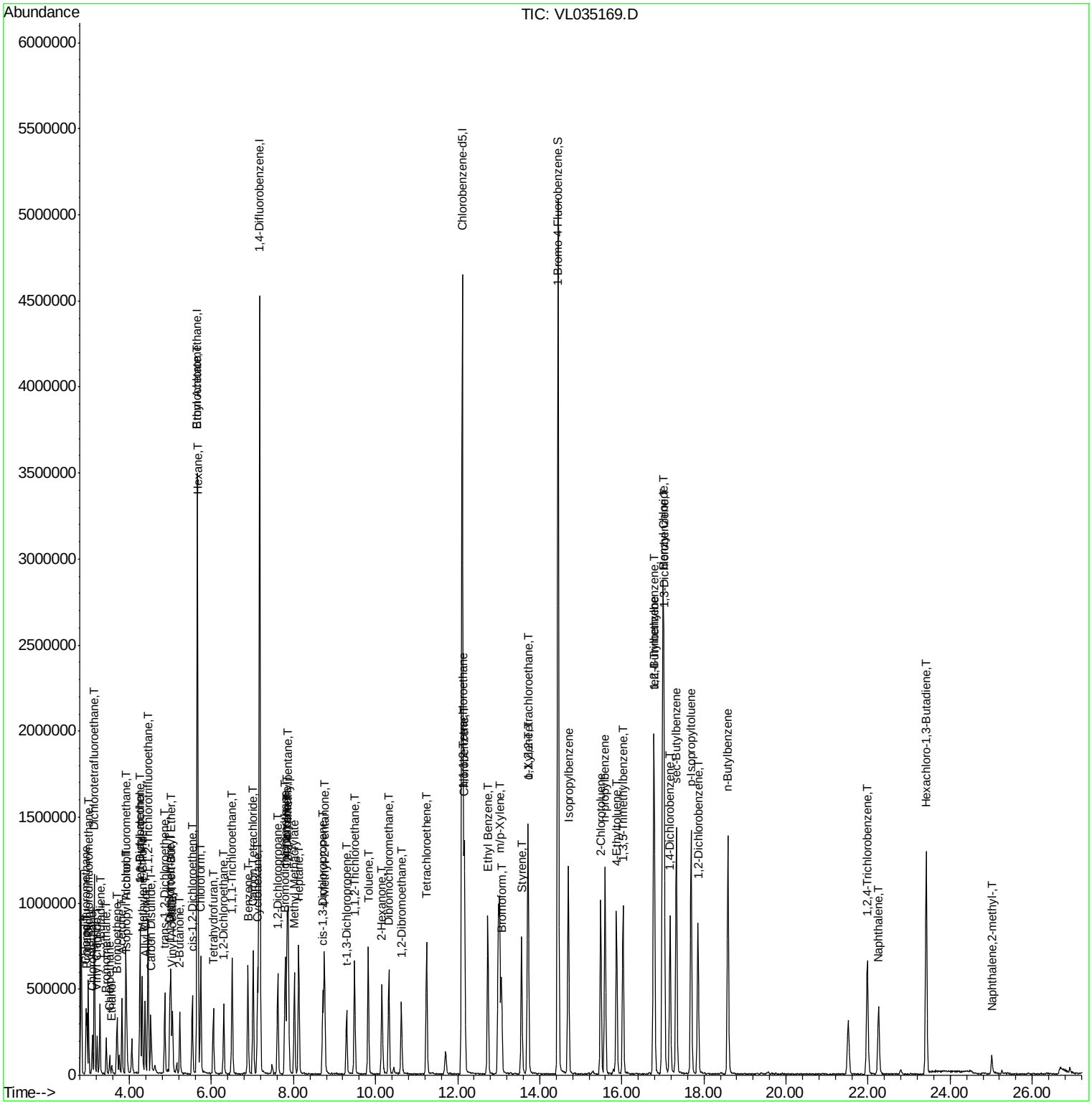
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	873941	2.065 ppbv		99
45) t-1,3-Dichloropropene	9.29	75	116726	1.166 ppbv		90
46) cis-1,3-Dichloropropene	8.72	75	258291	2.081 ppbv		92
47) 1,1,2-Trichloroethane	9.49	97	212401	2.046 ppbv		95
48) Dibromochloromethane	10.32	129	348959	2.237 ppbv		98
49) Bromoform	13.06	173	144536	1.087 ppbv	#	27
50) 4-Methyl-2-Pentanone	8.75	43	533611	2.081 ppbv		100
51) 2-Hexanone	10.15	43	420994	2.105 ppbv	#	97
52) Tetrachloroethene	11.25	164	178012	2.073 ppbv		94
53) Toluene	9.82	91	529936	2.045 ppbv		100
54) 1,2-Dibromoethane	10.63	107	316181	2.052 ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.15	131	285706	2.280 ppbv	#	1
57) Chlorobenzene	12.17	112	477575	2.138 ppbv		99
58) Ethyl Benzene	12.73	91	743046	2.174 ppbv		98
59) m/p-Xylene	13.02	91	632465	2.088 ppbv	#	27
60) o-Xylene	13.72	91	670488	2.217 ppbv		98
61) Styrene	13.55	104	413656	2.173 ppbv		99
62) Isopropylbenzene	14.69	105	993123	2.201 ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.71	83	495016	2.024 ppbv		99
64) n-propylbenzene	15.60	120	251217	2.179 ppbv		85
65) tert-Butylbenzene	16.78	119	907140	2.331 ppbv		98
66) Benzyl Chloride	17.03	91	295417	2.405 ppbv		99
67) sec-Butylbenzene	17.33	105	1323479	2.368 ppbv		97
69) p-Isopropyltoluene	17.69	119	1054321	2.365 ppbv		98
70) n-Butylbenzene	18.59	91	1110284	2.308 ppbv		97
71) 2-Chlorotoluene	15.48	91	758076	2.221 ppbv		97
72) 4-Ethyltoluene	15.87	105	758559	2.246 ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	723014	2.257 ppbv		97
74) 1,2,4-Trimethylbenzene	16.79	105	792287	2.211 ppbv	#	93
75) 1,3-Dichlorobenzene	17.03	146	480416	2.253 ppbv		100
76) 1,4-Dichlorobenzene	17.18	146	176026	0.860 ppbv	#	23
77) 1,2-Dichlorobenzene	17.86	146	440720	2.244 ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	342069	1.979 ppbv		99
79) Naphthalene	22.26	128	477170	1.564 ppbv	#	95
80) Naphthalene,2-methyl-	25.02	142	55255	0.498 ppbv		94
81) 1,2,4-Trichlorobenzene	21.99	180	174379	0.983 ppbv	#	16

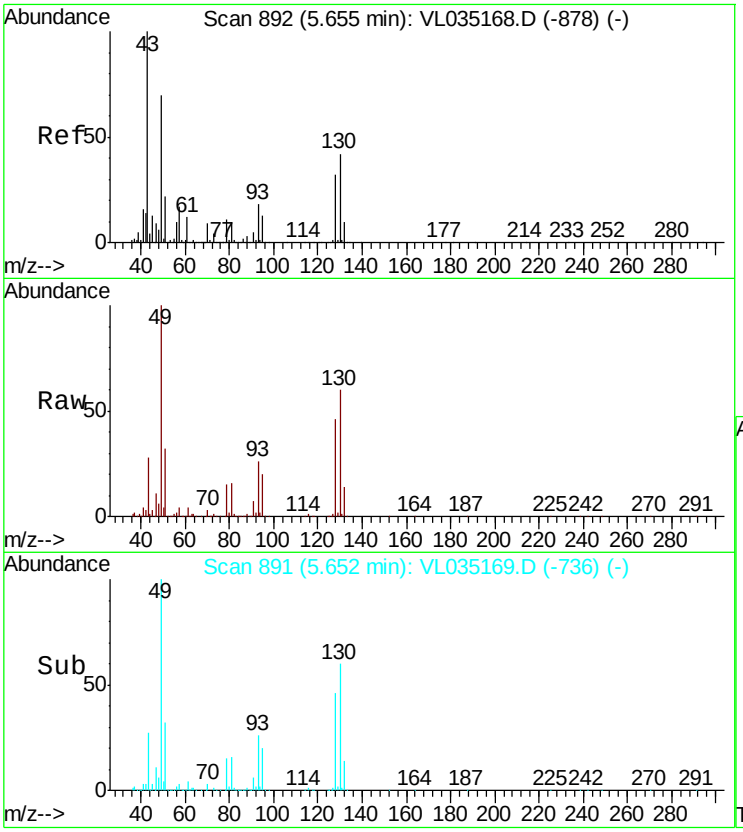
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035169.D
Acq On : 8 Jul 2020 3:18
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Jul 08 06:19:19 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



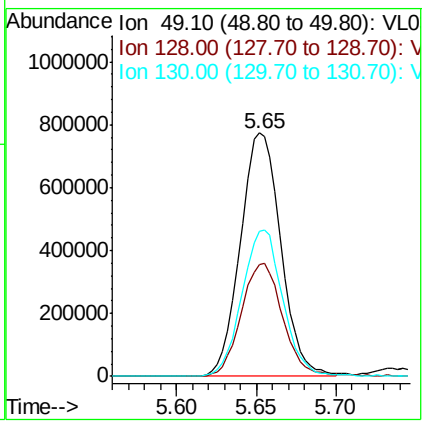


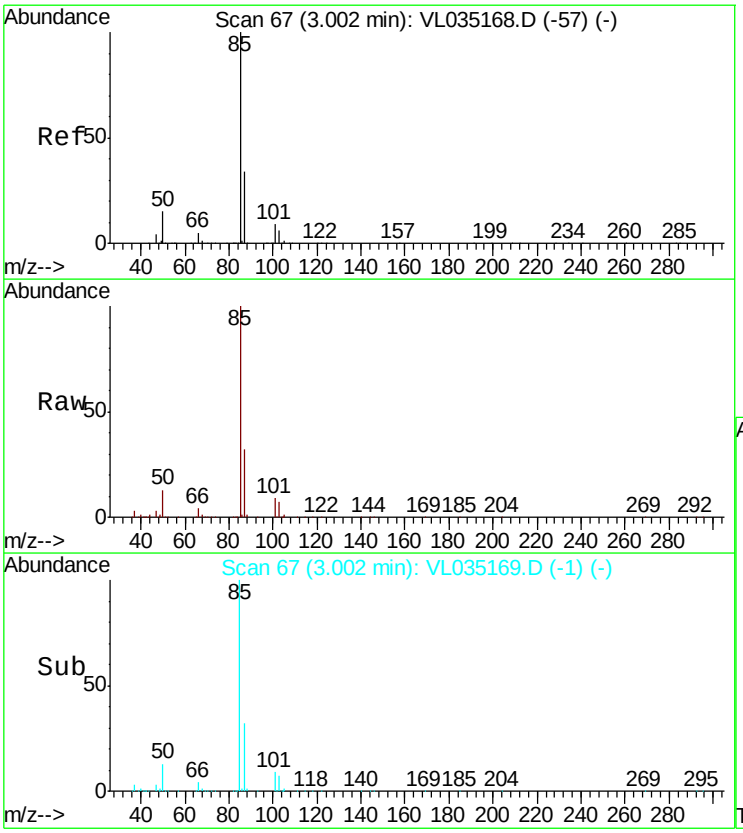
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1333346

Ion	Ratio	Lower	Upper
49	100		
128	47.9	23.8	71.4
130	61.2	29.9	89.8

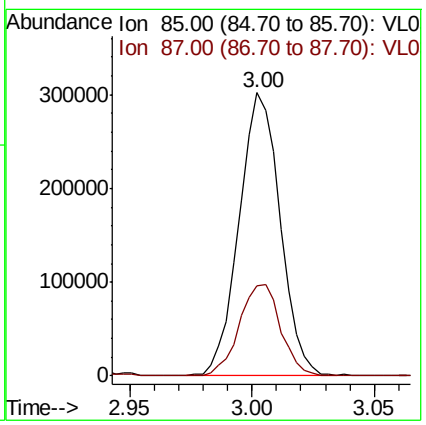


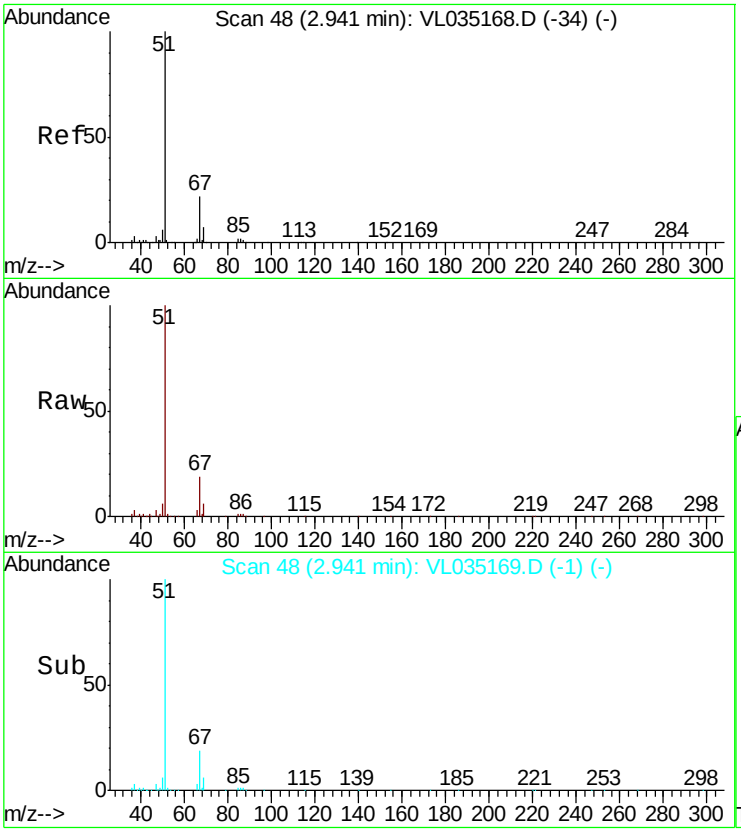


#2
Dichlorodifluoromethane
Concen: 1.946 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 85 Resp: 351501

Ion	Ratio	Lower	Upper
85	100		
87	32.0	27.0	40.6



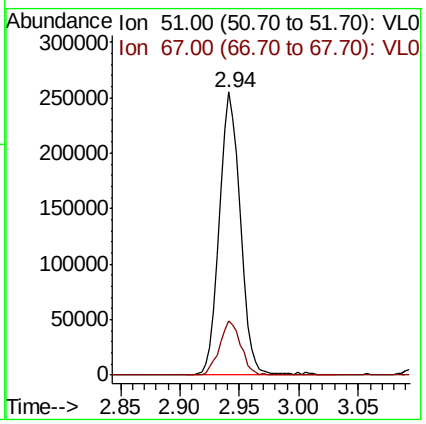


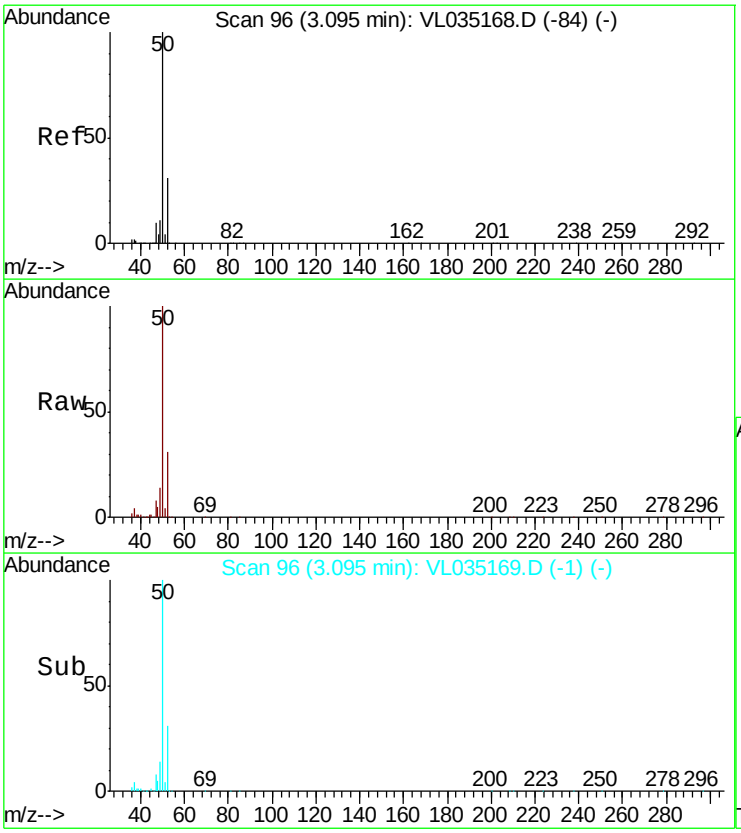
#3
Chlorodifluoromethane
Concen: 2.143 ppbv
RT: 2.94 min Scan# 48
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 51 Resp: 312921

Ion	Ratio	Lower	Upper
51	100		
67	19.5	16.6	24.8

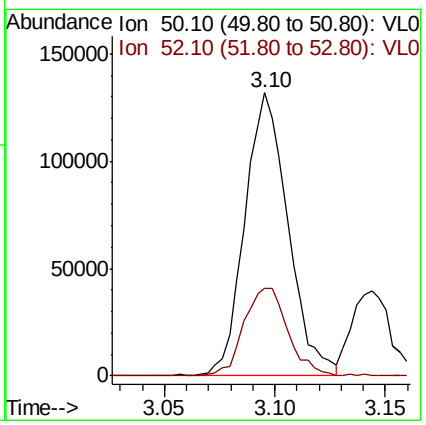


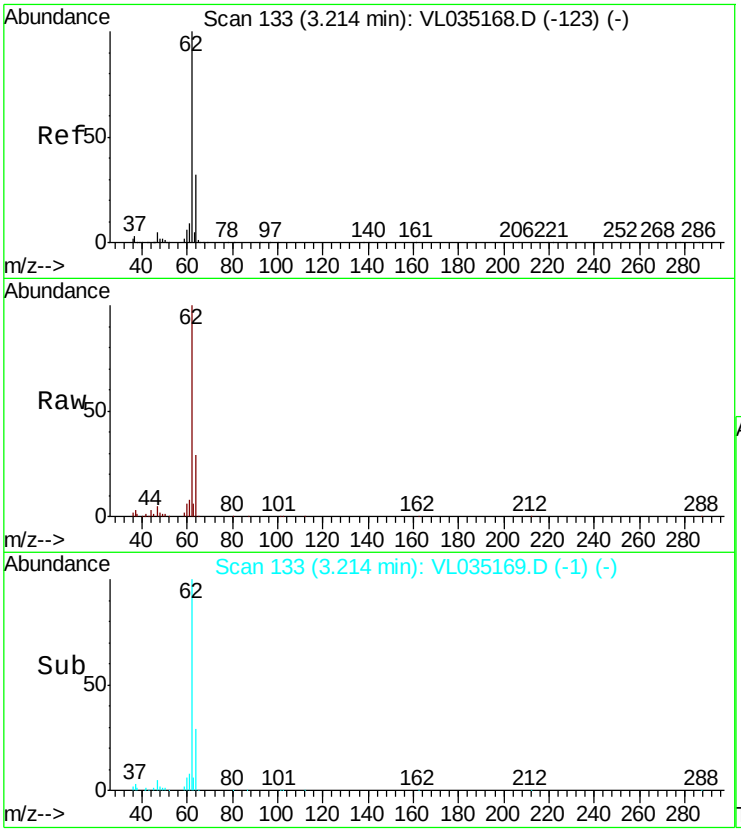


#4
Chloromethane
Concen: 2.196 ppbv
RT: 3.10 min Scan# 96
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 50 Resp: 179111

Ion	Ratio	Lower	Upper
50	100		
52	31.1	25.0	37.6



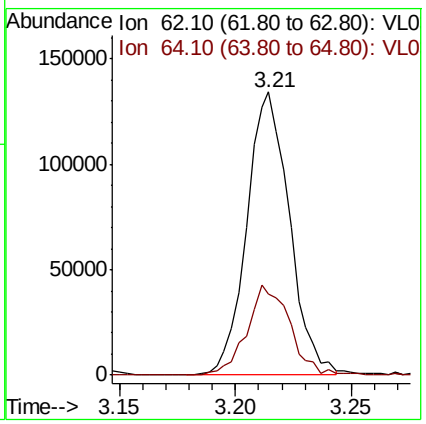


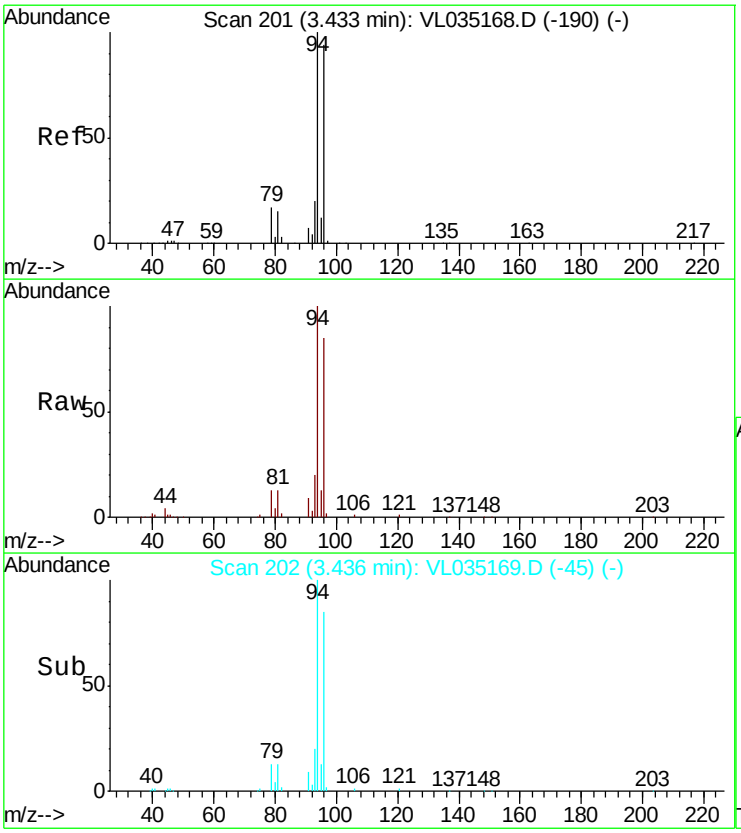
#5
Vinyl Chloride
Concen: 2.195 ppbv
RT: 3.21 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 171829

Ion	Ratio	Lower	Upper
62	100		
64	28.8	25.9	38.9

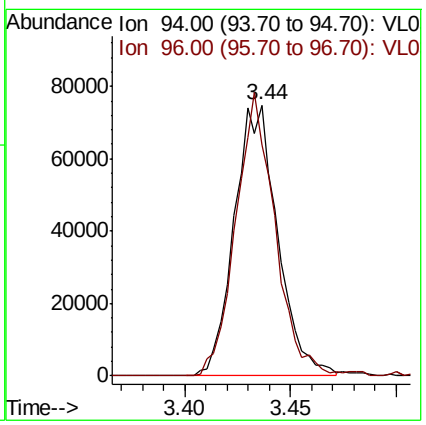


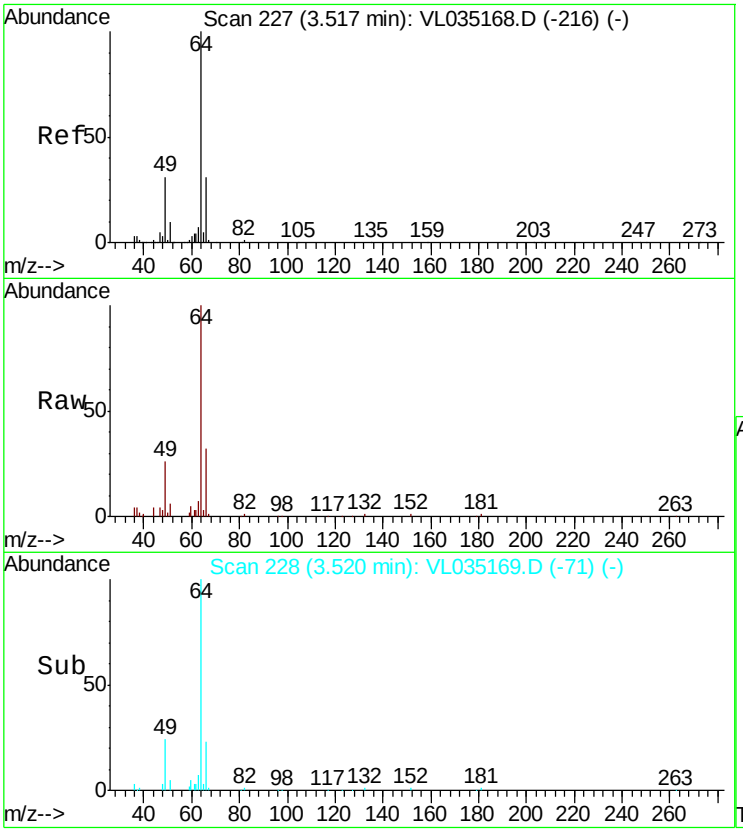


#6
Bromomethane
Concen: 2.187 ppbv
RT: 3.44 min Scan# 202
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 94 Resp: 106984

Ion	Ratio	Lower	Upper
94	100		
96	85.2	74.8	112.2



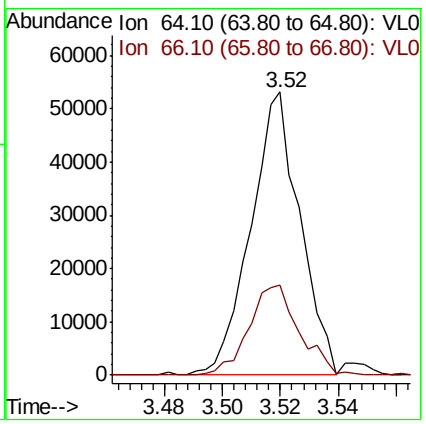


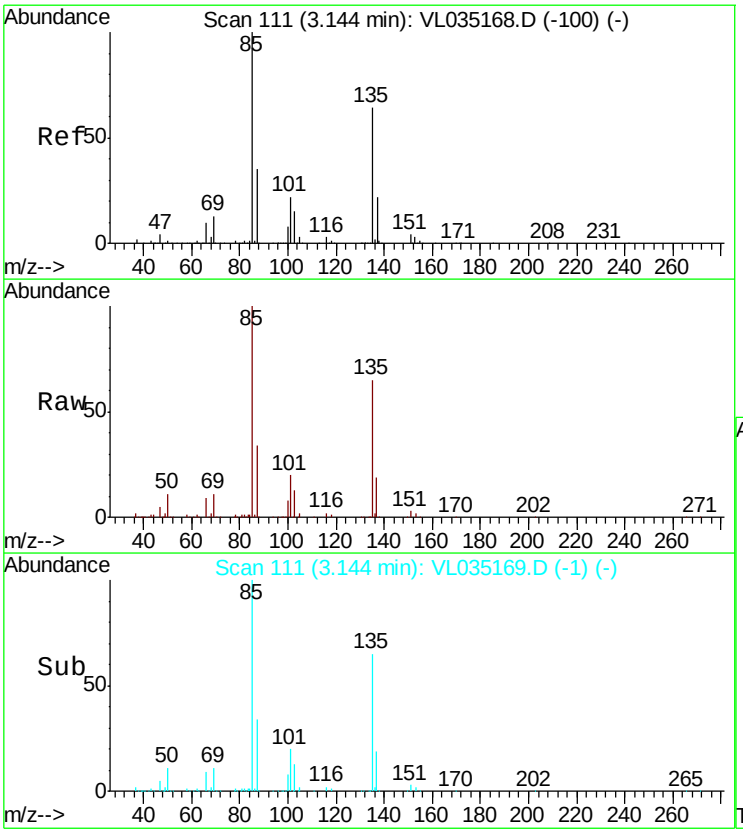
#7
Chloroethane
Concen: 2.106 ppbv
RT: 3.52 min Scan# 228
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 62601

Ion	Ratio	Lower	Upper
64	100		
66	31.9	24.6	36.8

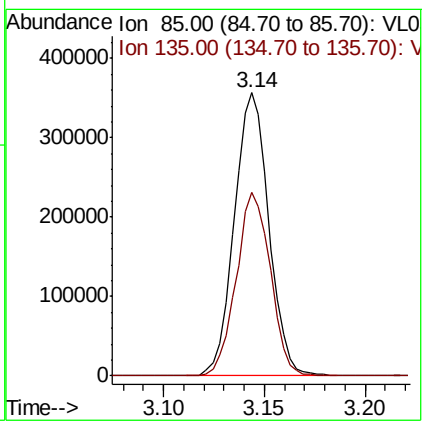


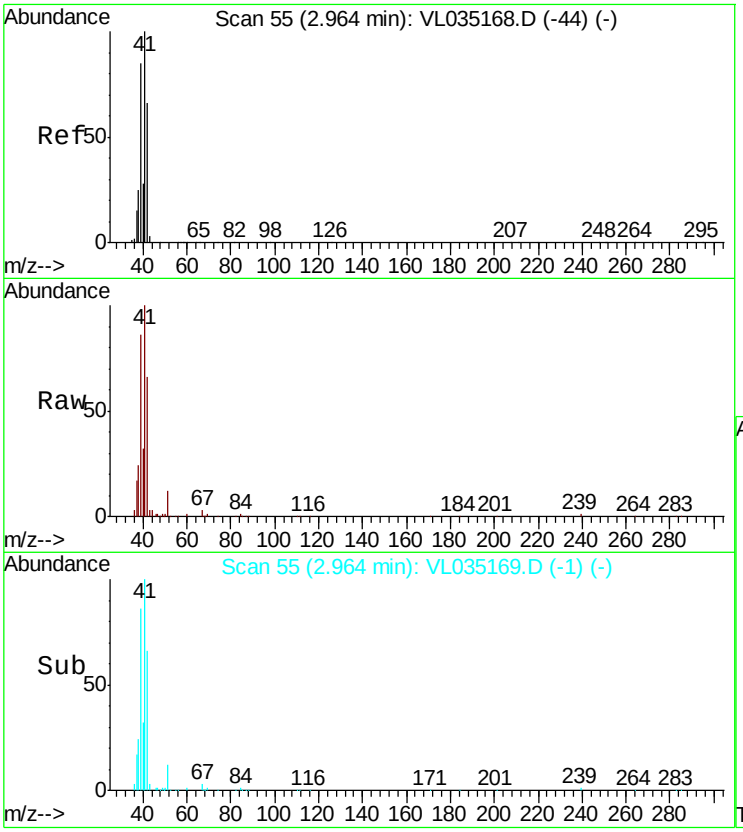


#8
Dichlorotetrafluoroethane
Concen: 2.219 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 85 Resp: 428700

Ion	Ratio	Lower	Upper
85	100		
135	64.3	52.1	78.1



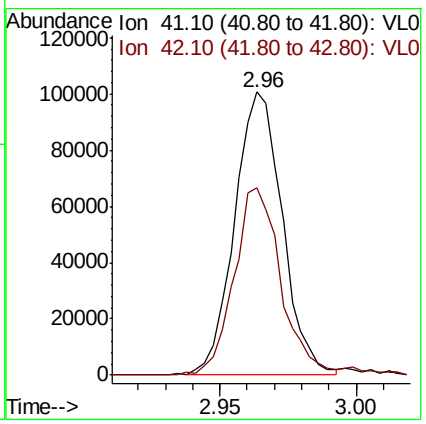


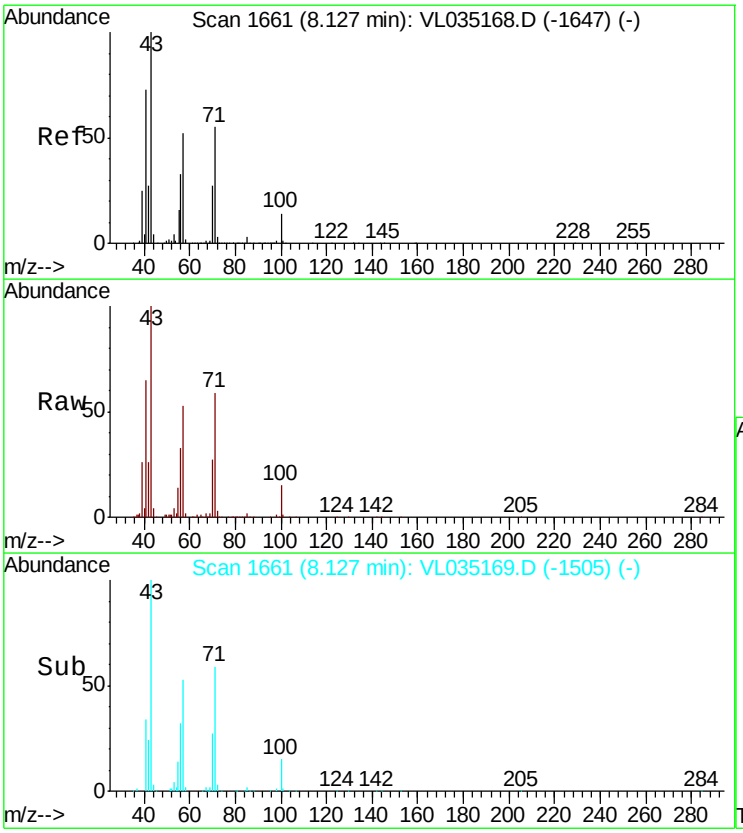
#9
Propene
Concen: 2.108 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 121193

Ion	Ratio	Lower	Upper
41	100		
42	67.0	54.6	81.8

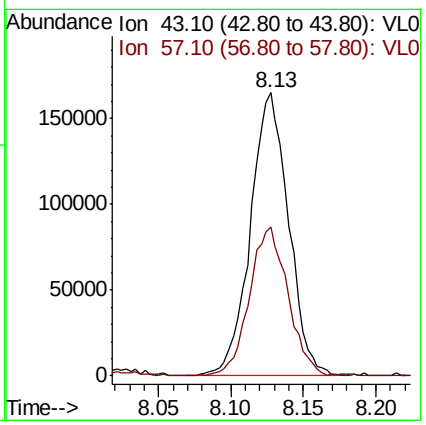


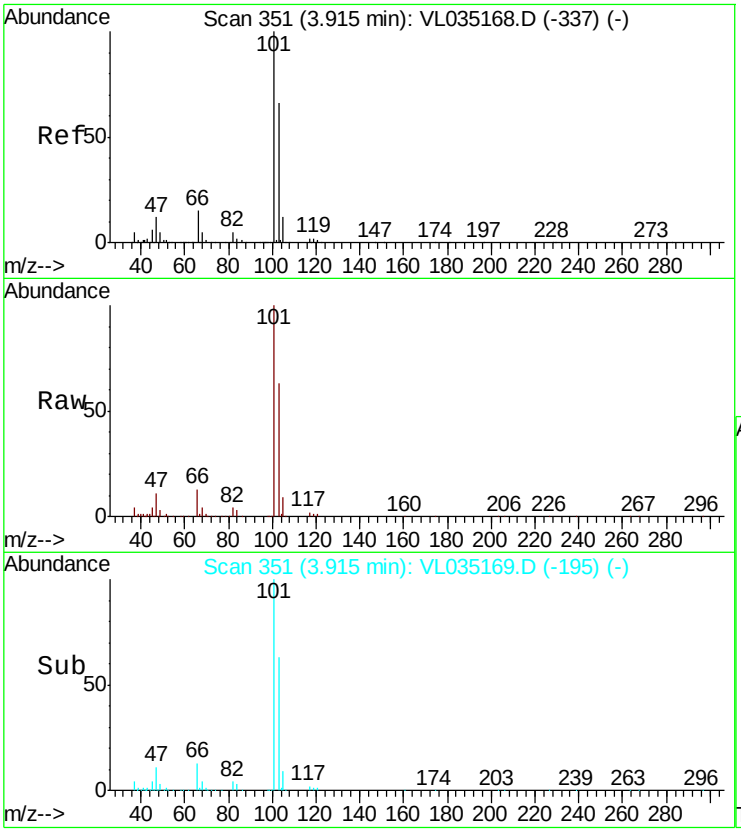


#10
Heptane
Concen: 2.017 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 43 Resp: 301759

Ion	Ratio	Lower	Upper
43	100		
57	53.4	41.8	62.6



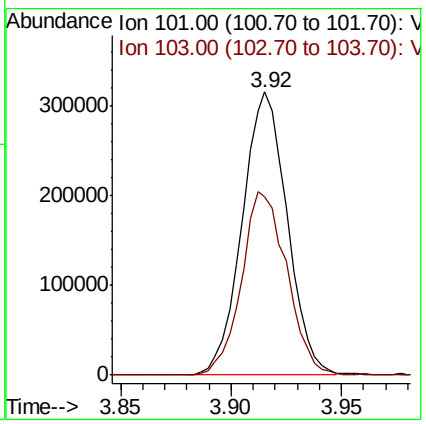


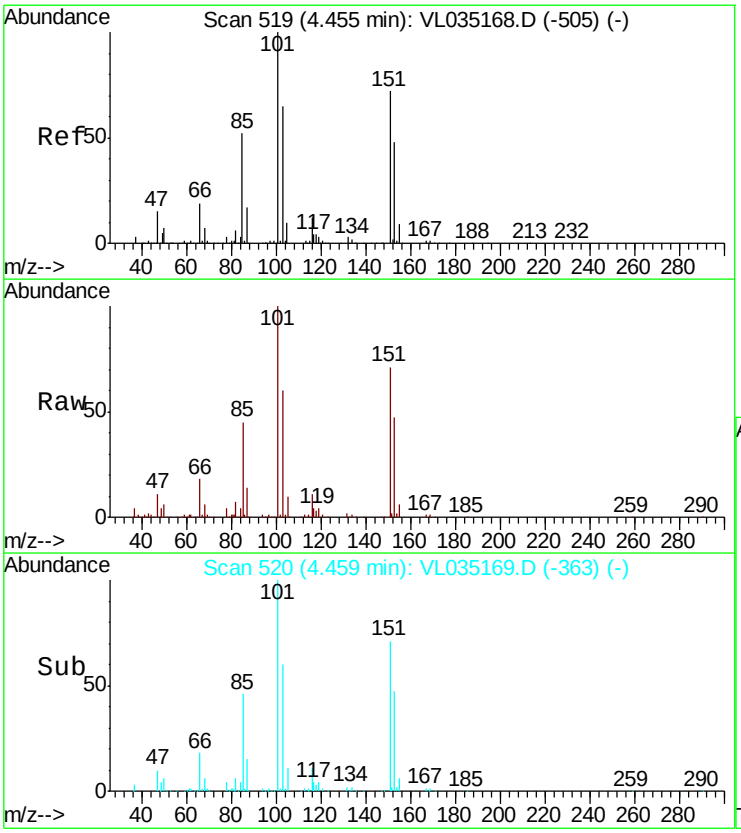
#11
Trichlorofluoromethane
Concen: 2.291 ppbv
RT: 3.92 min Scan# 351
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 445822

Ion	Ratio	Lower	Upper
101	100		
103	62.9	53.1	79.7

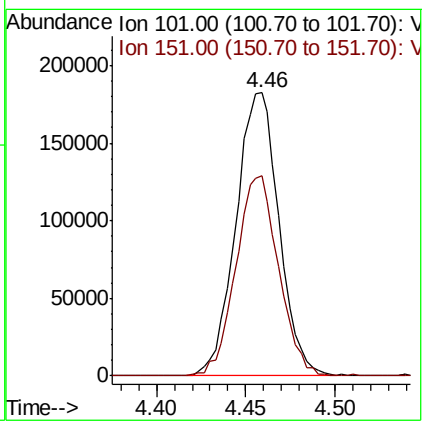


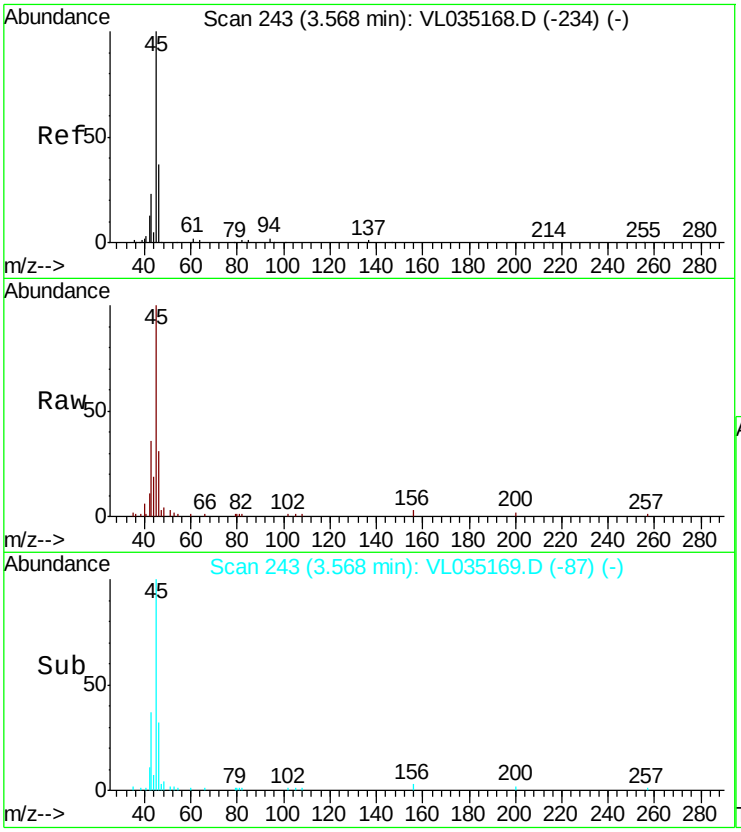


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.289 ppbv
RT: 4.46 min Scan# 520
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:101 Resp: 308433

Ion	Ratio	Lower	Upper
101	100		
151	70.2	57.0	85.4



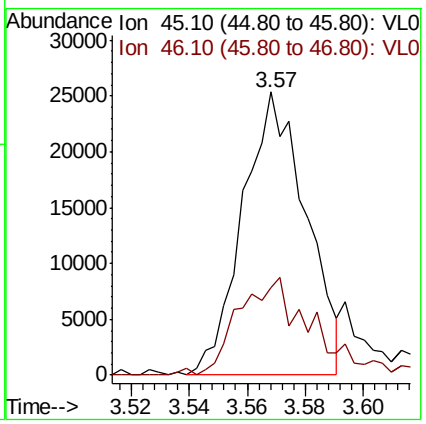


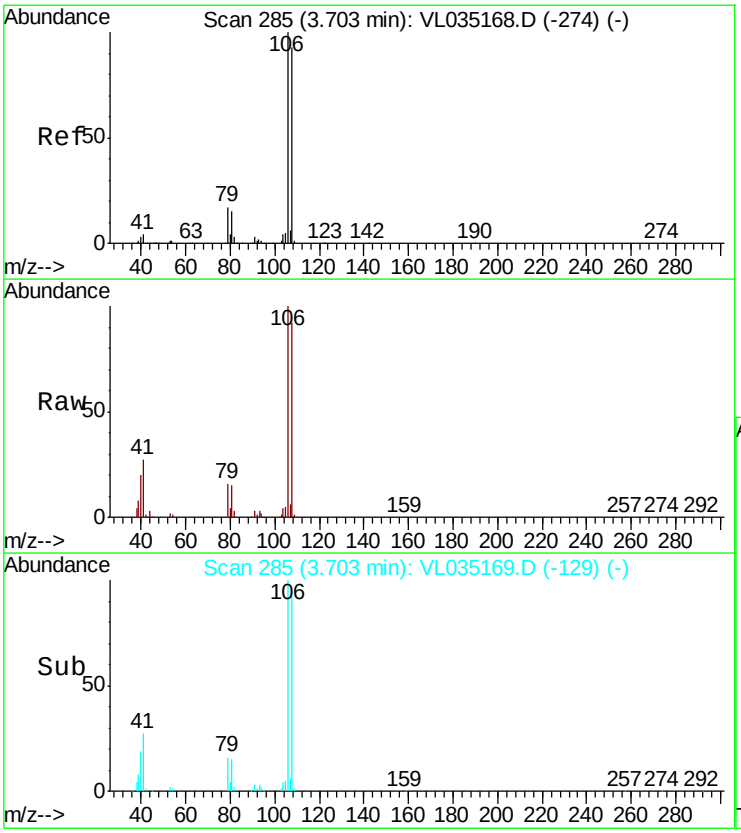
#13
Ethanol
Concen: 1.810 ppbv
RT: 3.57 min Scan# 243
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 38552

Ion	Ratio	Lower	Upper
45	100		
46	41.3	16.2	65.0

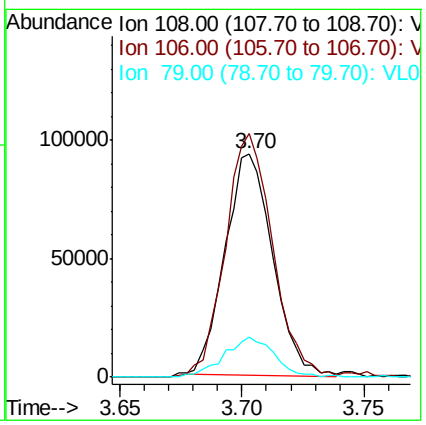


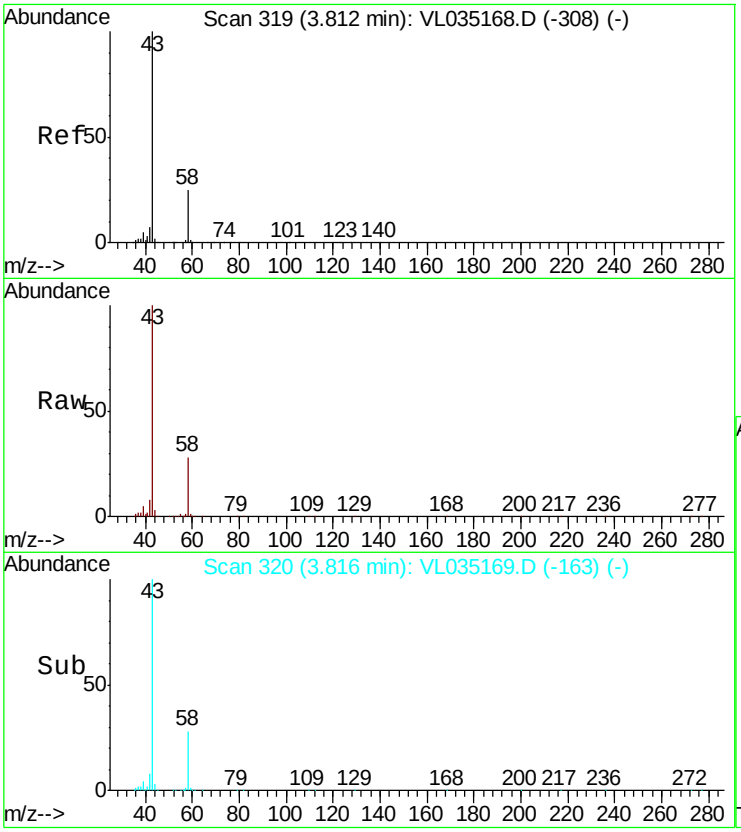


#14
Bromoethene
Concen: 2.192 ppbv
RT: 3.70 min Scan# 285
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:108 Resp: 126495

Ion	Ratio	Lower	Upper
108	100		
106	111.4	86.2	129.2
79	19.3	15.0	22.6



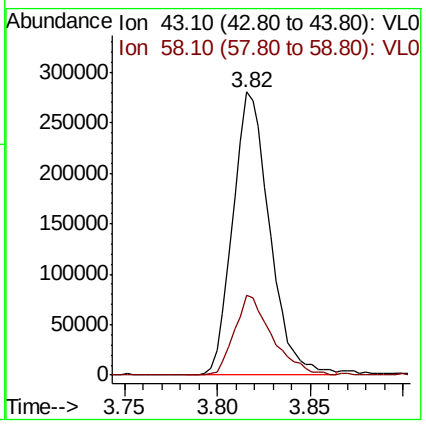


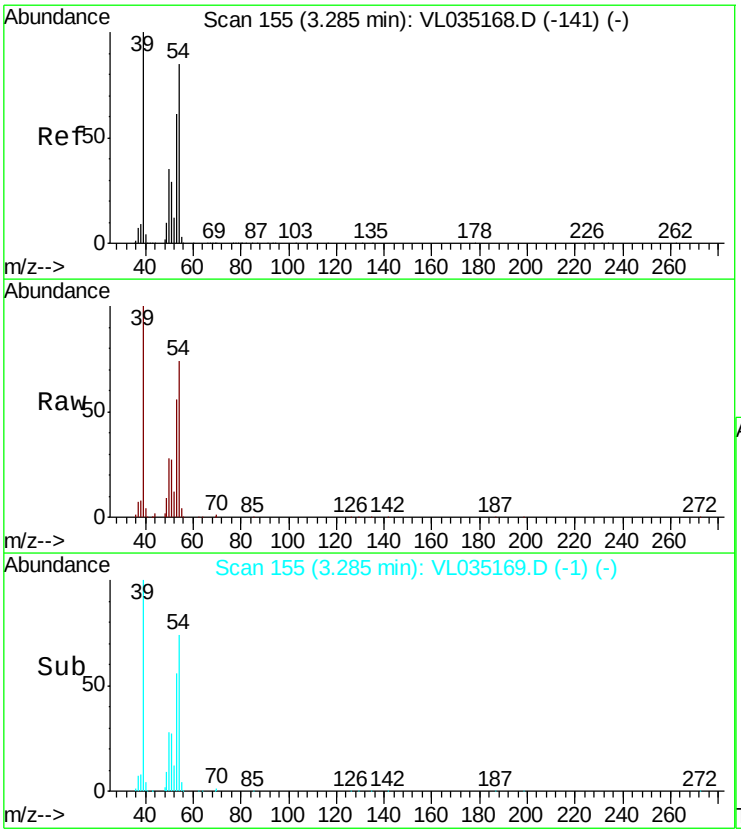
#15
Acetone
Concen: 2.387 ppbv
RT: 3.82 min Scan# 320
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 386915

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.3	31.9

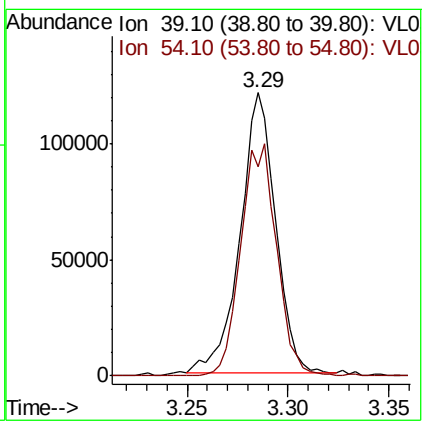


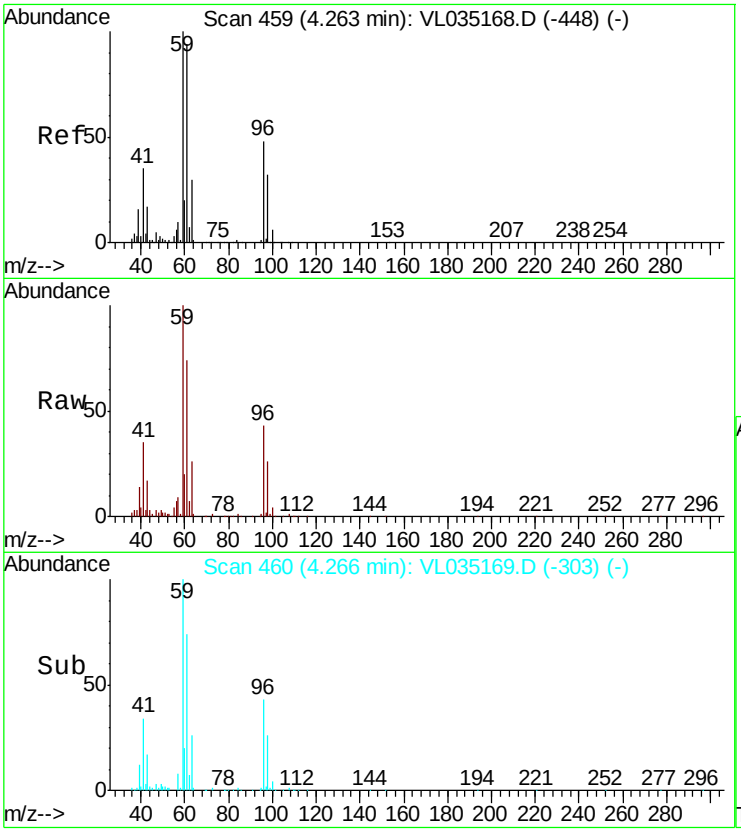


#16
1,3-Butadiene
Concen: 2.111 ppbv
RT: 3.29 min Scan# 155
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 39 Resp: 148274

Ion	Ratio	Lower	Upper
39	100		
54	84.9	67.2	100.8



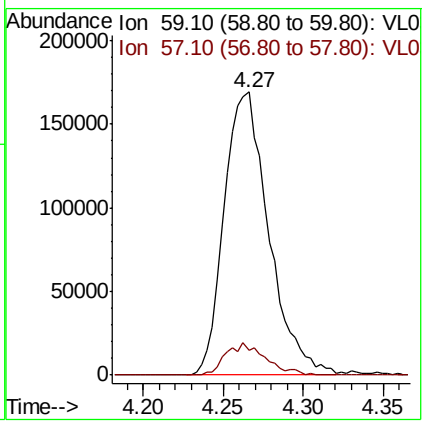


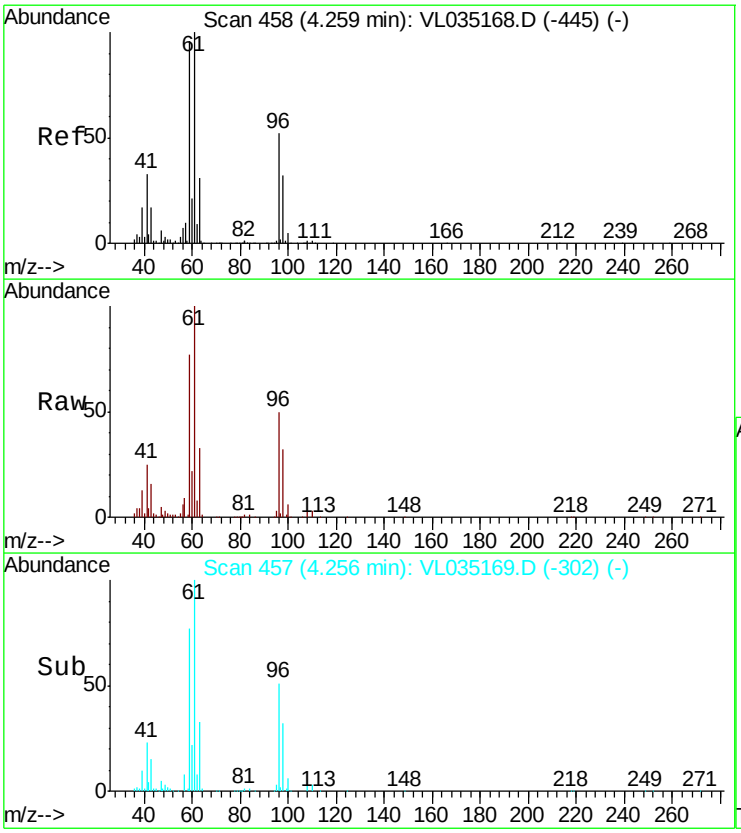
#17
tert-Butyl alcohol
Concen: 2.229 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 321455

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

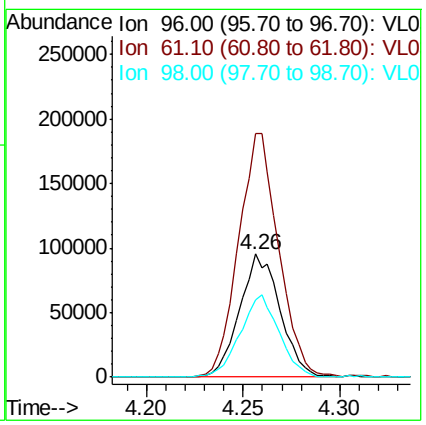


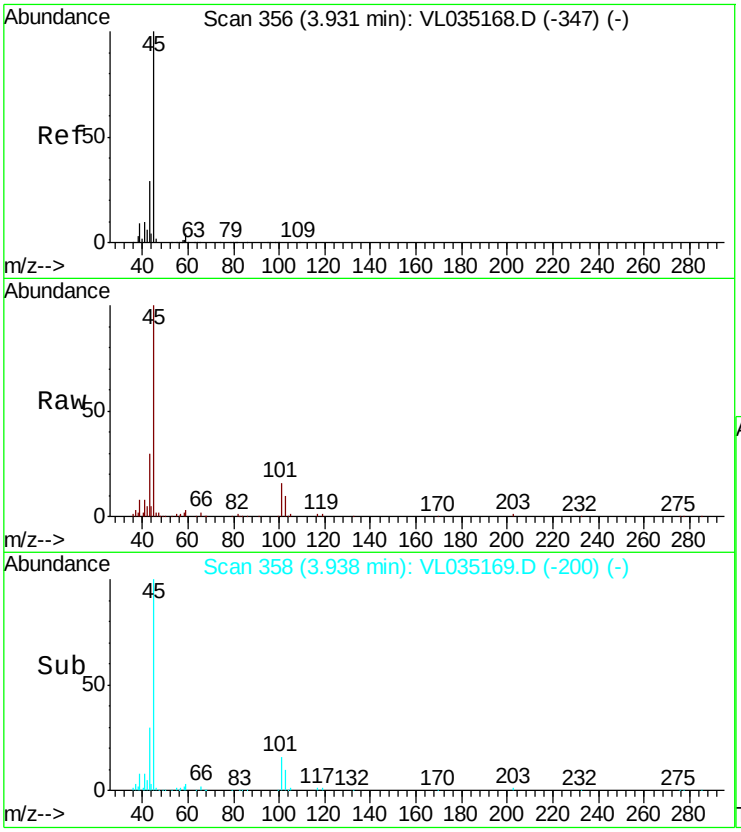


#18
1,1-Dichloroethene
Concen: 2.282 ppbv
RT: 4.26 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 96 Resp: 138508

Ion	Ratio	Lower	Upper
96	100		
61	198.1	152.9	229.3
98	63.1	48.7	73.1



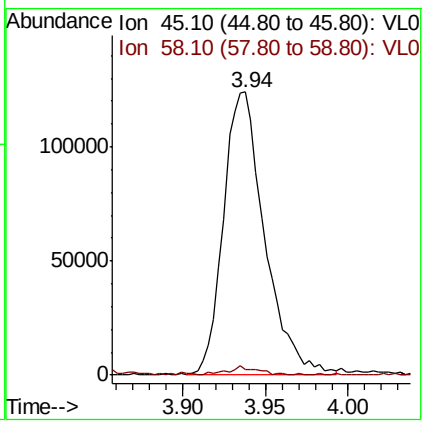


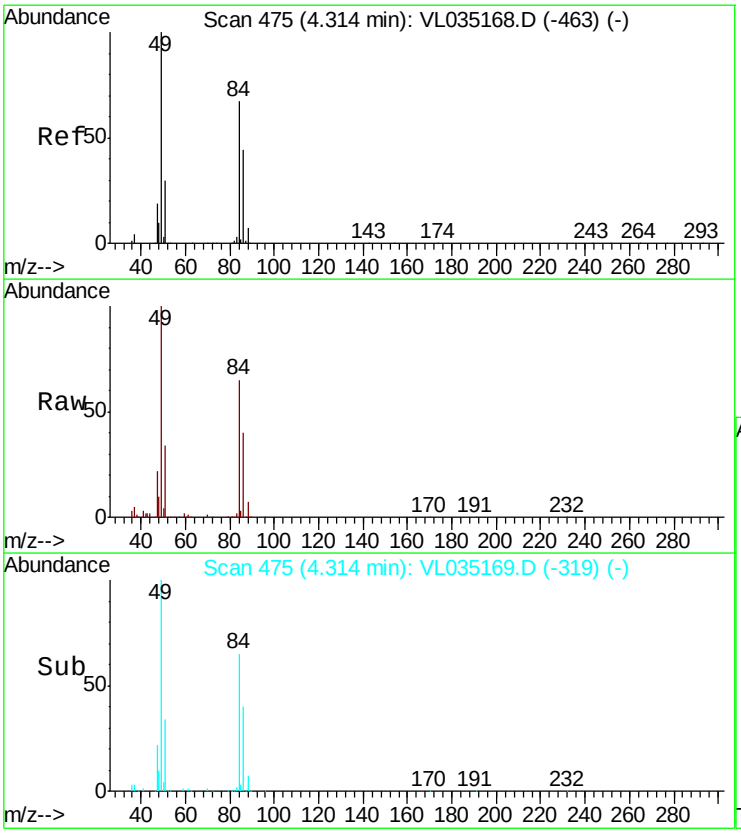
#19
Isopropyl Alcohol
Concen: 2.056 ppbv
RT: 3.94 min Scan# 358
Delta R.T. 0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 214336

Ion	Ratio	Lower	Upper
45	100		
58	3.3	2.1	3.1#

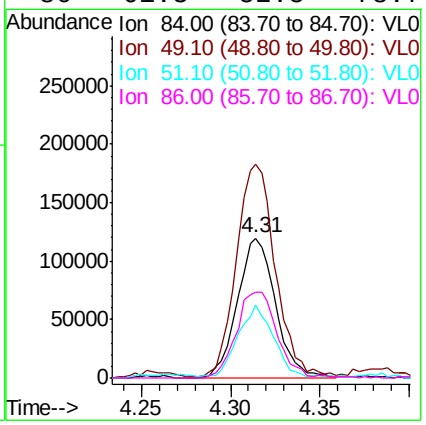


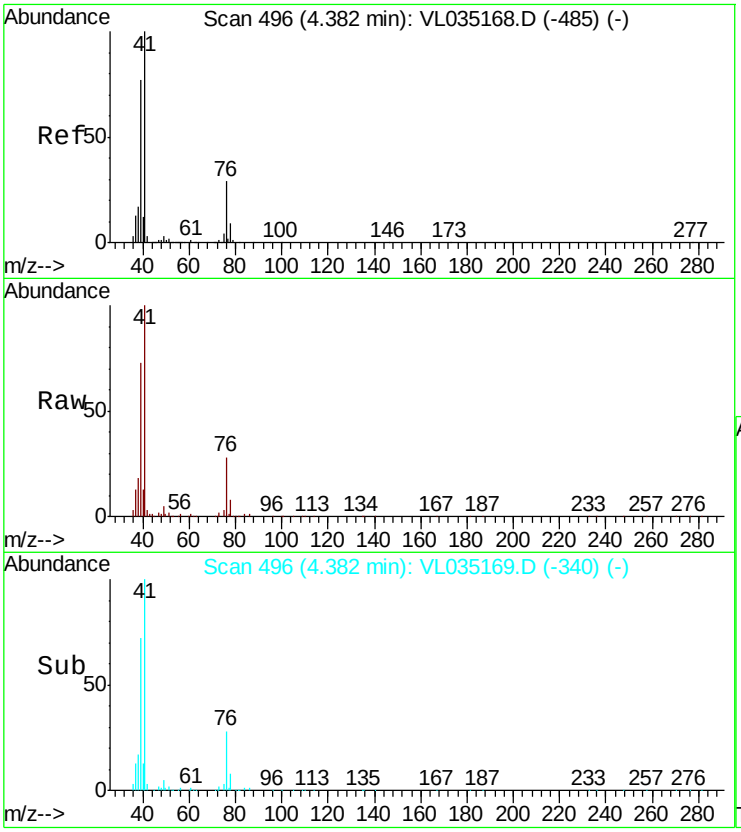


#20
Methylene Chloride
Concen: 2.708 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 84 Resp: 178621

Ion	Ratio	Lower	Upper
84	100		
49	151.7	119.4	179.0
51	50.7	36.6	55.0
86	61.3	52.5	78.7



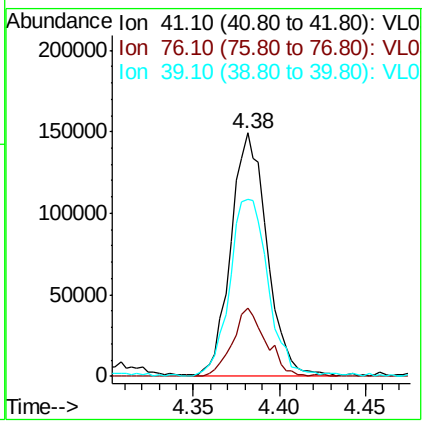


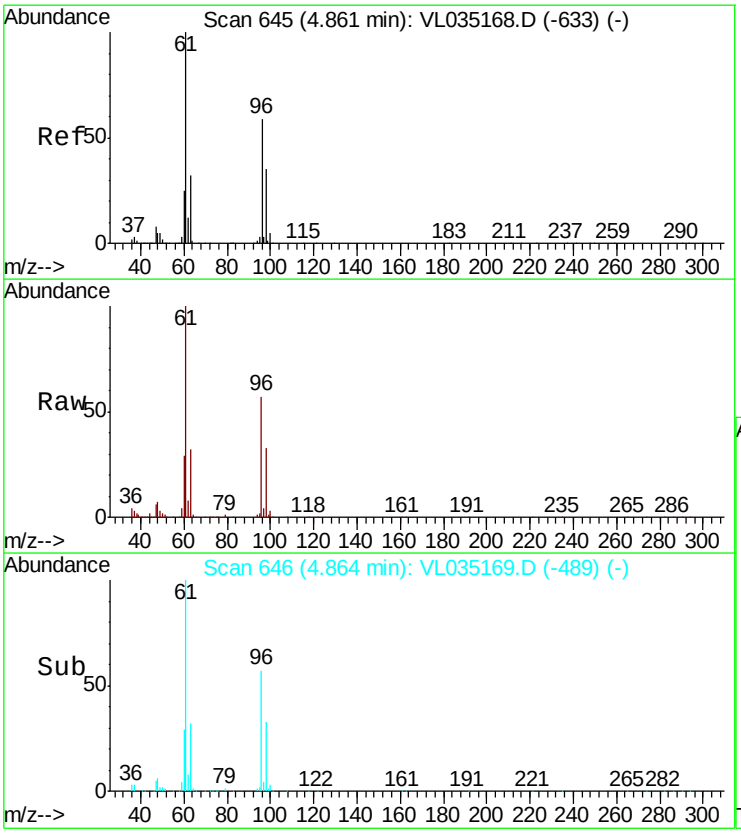
#21
Allyl Chloride
Concen: 2.276 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 218606

Ion	Ratio	Lower	Upper
41	100		
76	26.3	23.5	35.3
39	77.9	63.4	95.0

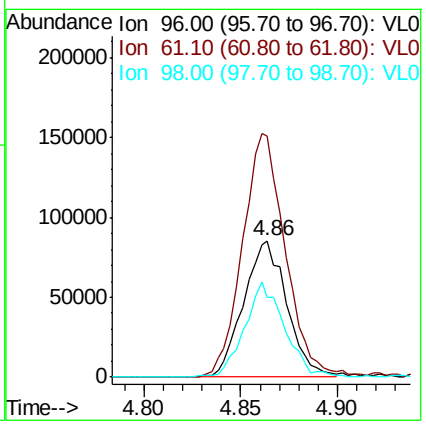


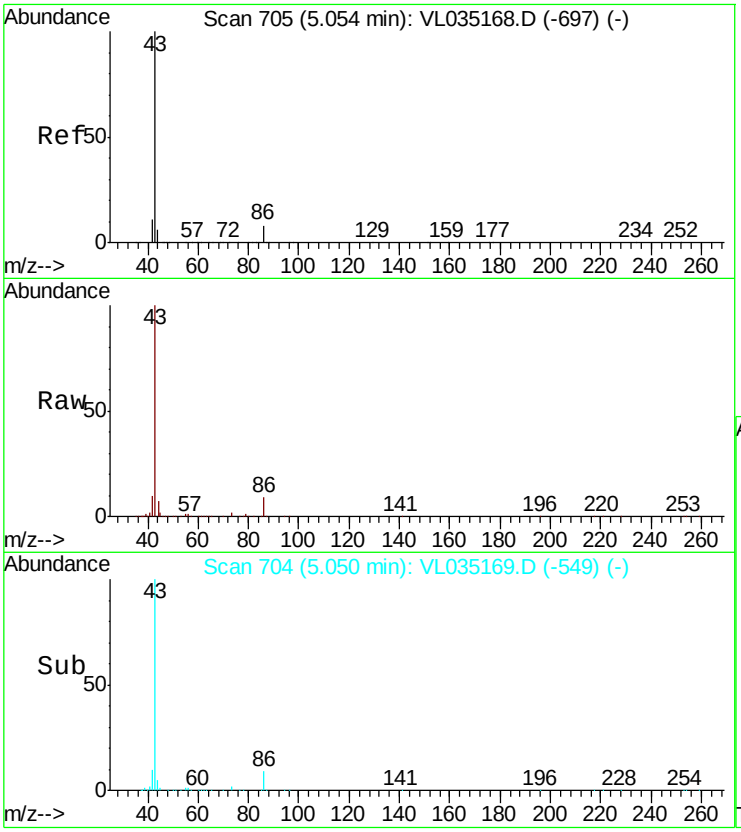


#22
trans-1,2-Dichloroethene
Concen: 2.323 ppbv
RT: 4.86 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 96 Resp: 132977

Ion	Ratio	Lower	Upper
96	100		
61	176.3	136.5	204.7
98	58.3	47.5	71.3



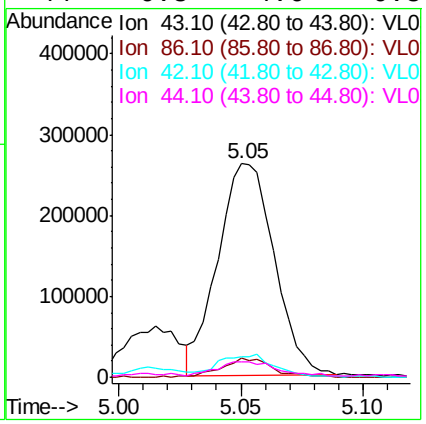


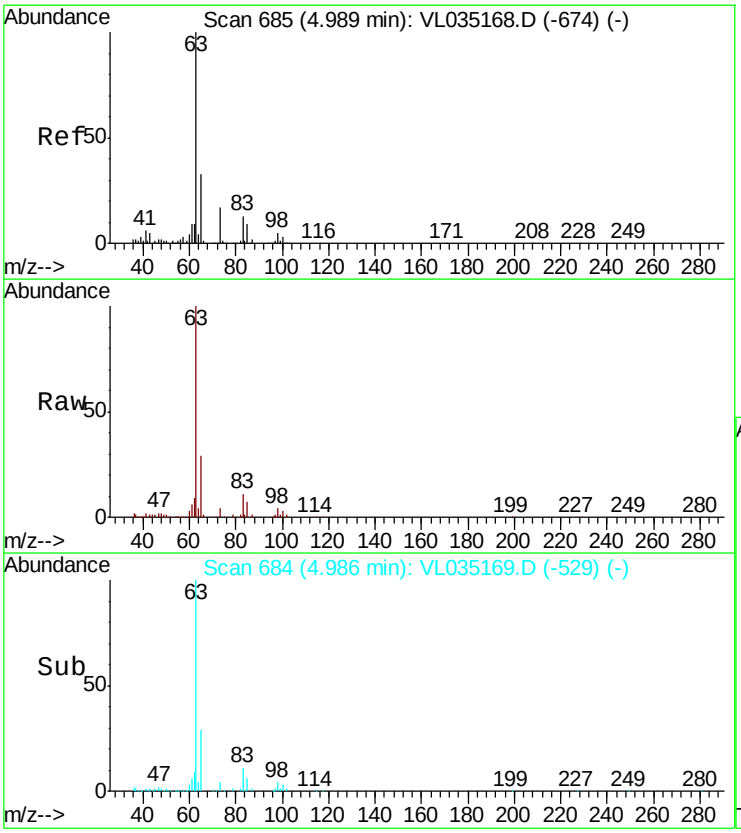
#23
Vinyl Acetate
Concen: 2.167 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 420332

Ion	Ratio	Lower	Upper
43	100		
86	8.9	6.2	9.2
42	9.4	9.1	13.7
44	6.8	4.6	6.8

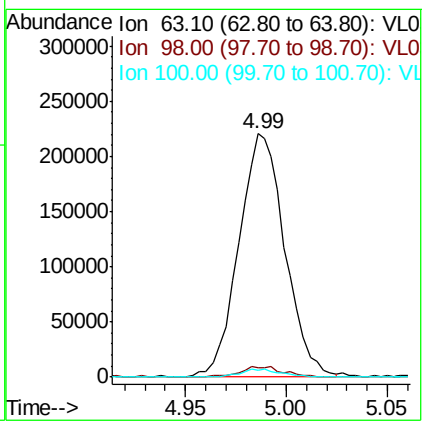


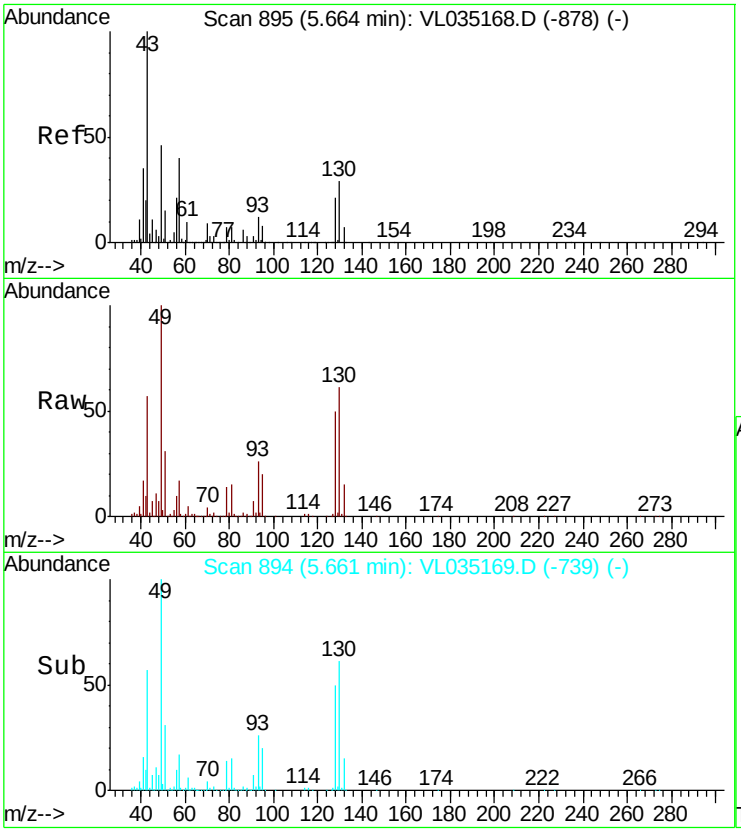


#24
1,1-Dichloroethane
Concen: 2.133 ppbv
RT: 4.99 min Scan# 684
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 63 Resp: 350928

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.4	7.1
100	2.6	1.4	4.0



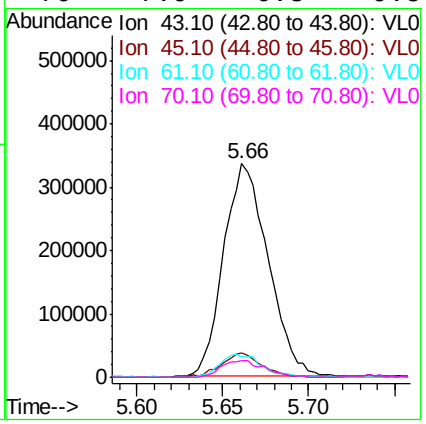


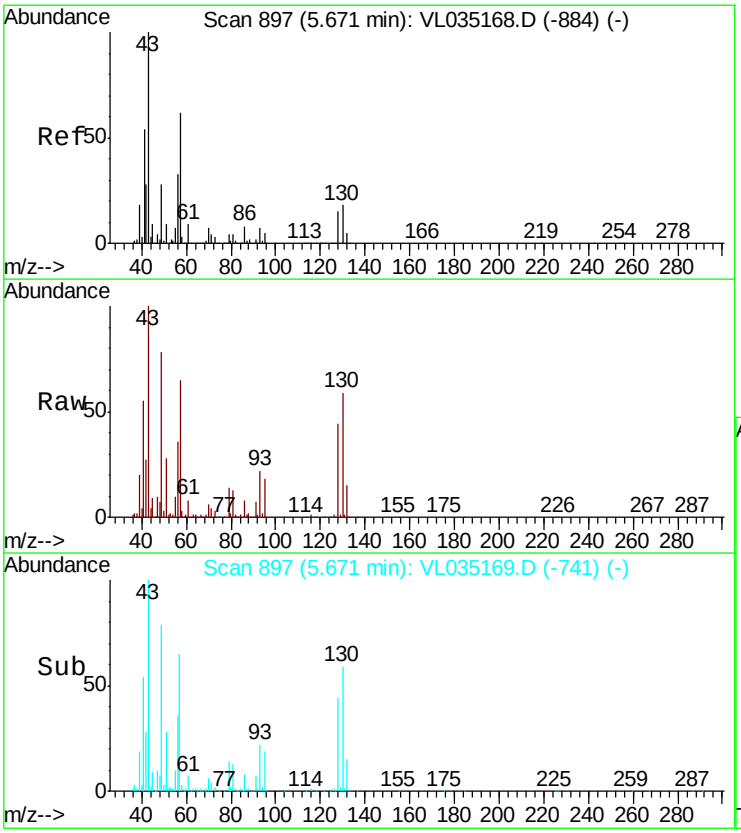
#25
Ethyl Acetate
Concen: 2.072 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 599432

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.3	8.1	12.1
70	7.9	6.3	9.5

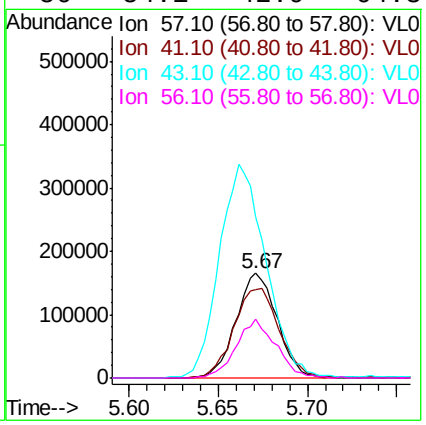


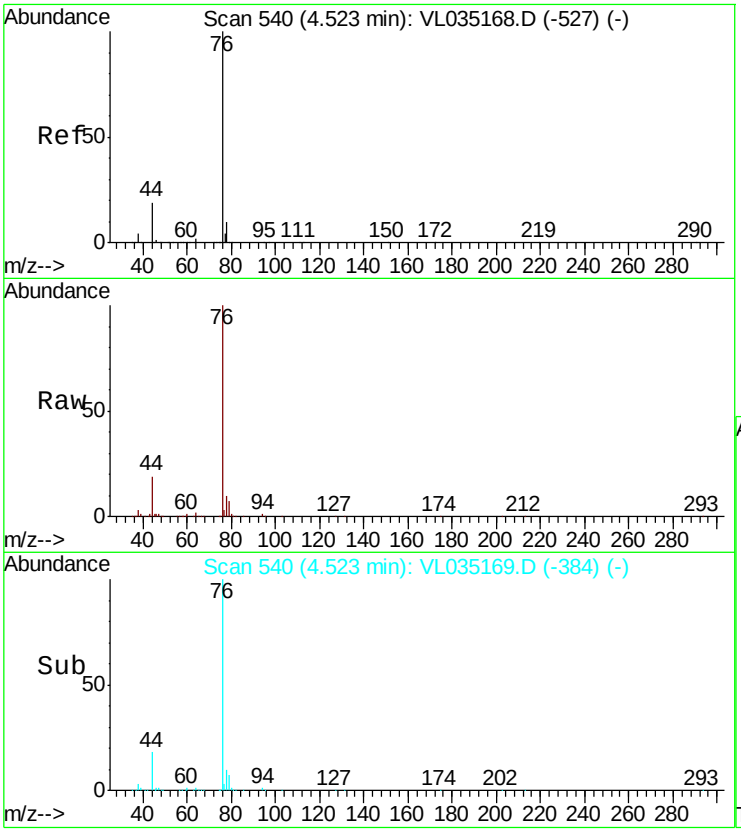


#26
Hexane
Concen: 2.043 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 57 Resp: 267033

Ion	Ratio	Lower	Upper
57	100		
41	94.5	72.9	109.3
43	232.2	179.5	269.3
56	54.1	42.9	64.3



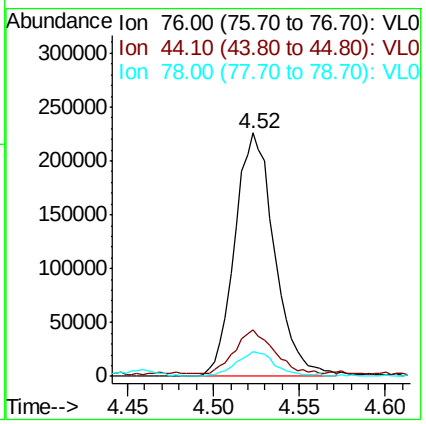


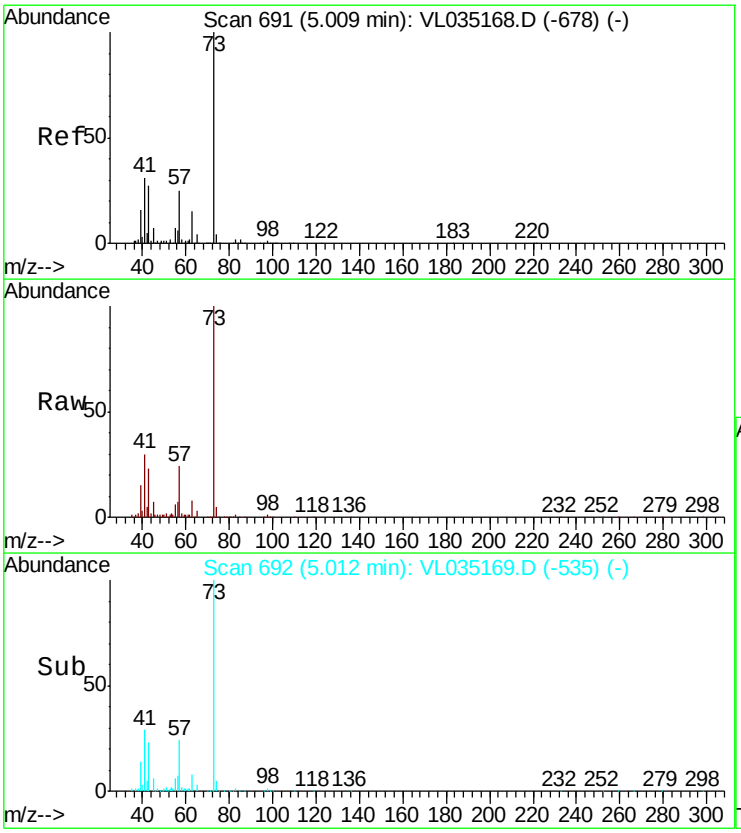
#27
Carbon Disulfide
Concen: 2.601 ppbv
RT: 4.52 min Scan# 540
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 362785

Ion	Ratio	Lower	Upper
76	100		
44	19.7	14.9	22.3
78	10.7	7.5	11.3

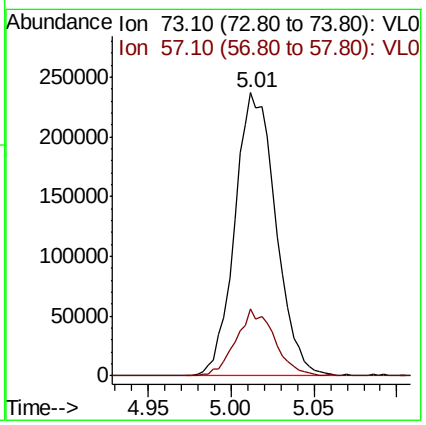


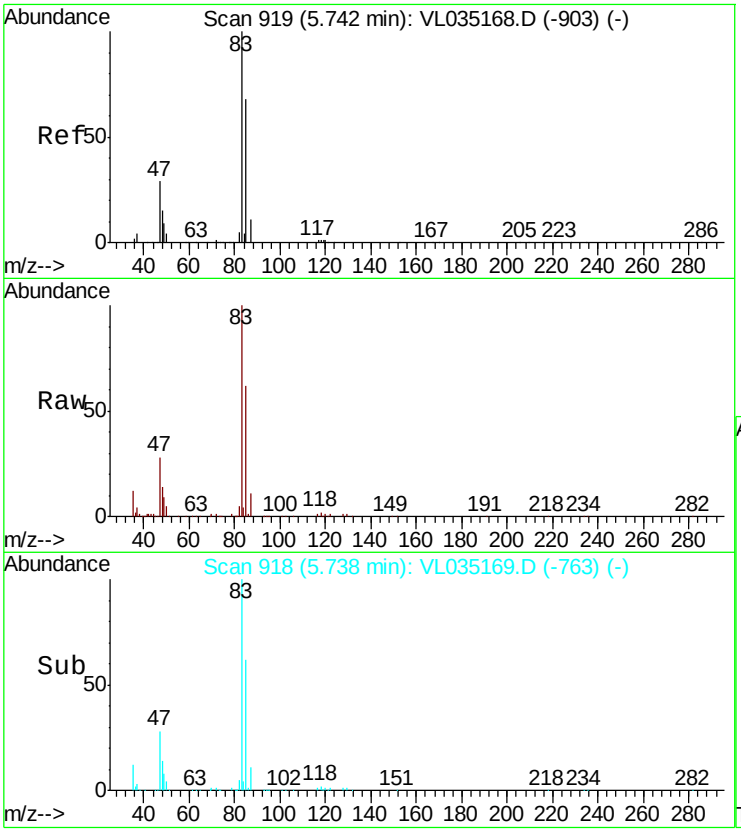


#28
Methyl tert-Butyl Ether
Concen: 2.216 ppbv
RT: 5.01 min Scan# 692
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 73 Resp: 407589

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.1	27.1



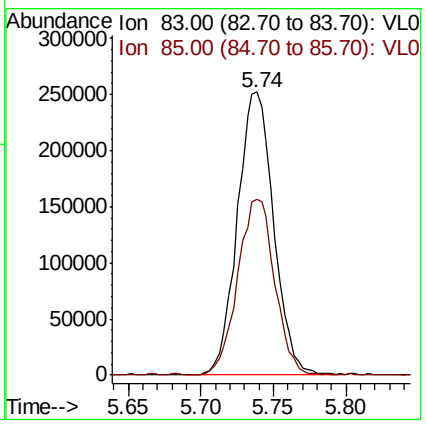


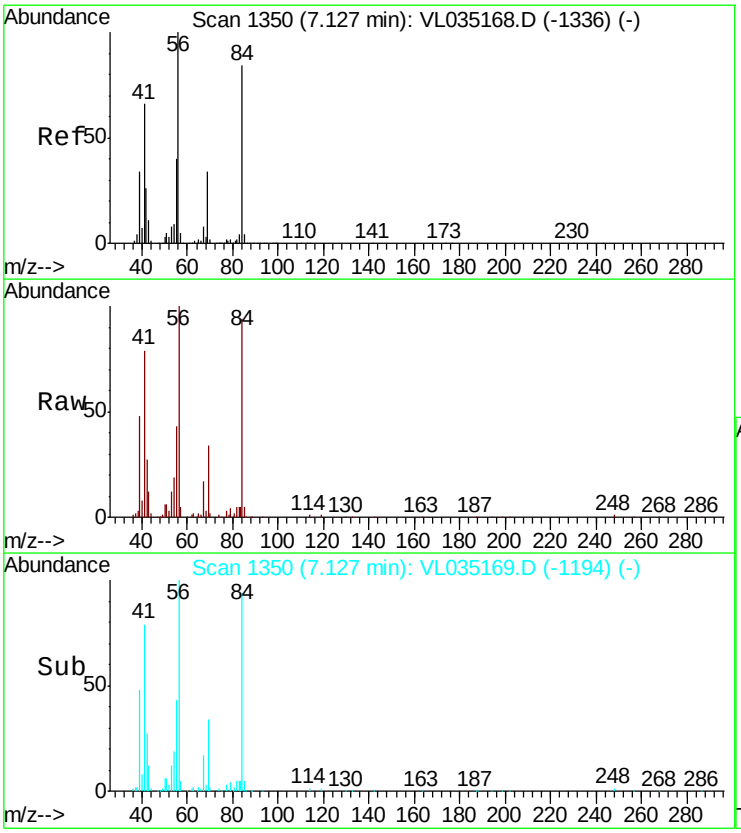
#29
Chloroform
Concen: 2.142 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 438909

Ion	Ratio	Lower	Upper
83	100		
85	61.9	54.3	81.5

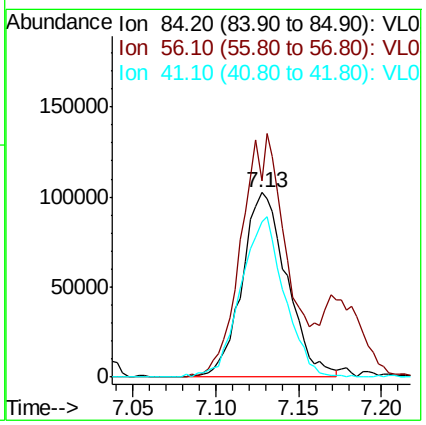


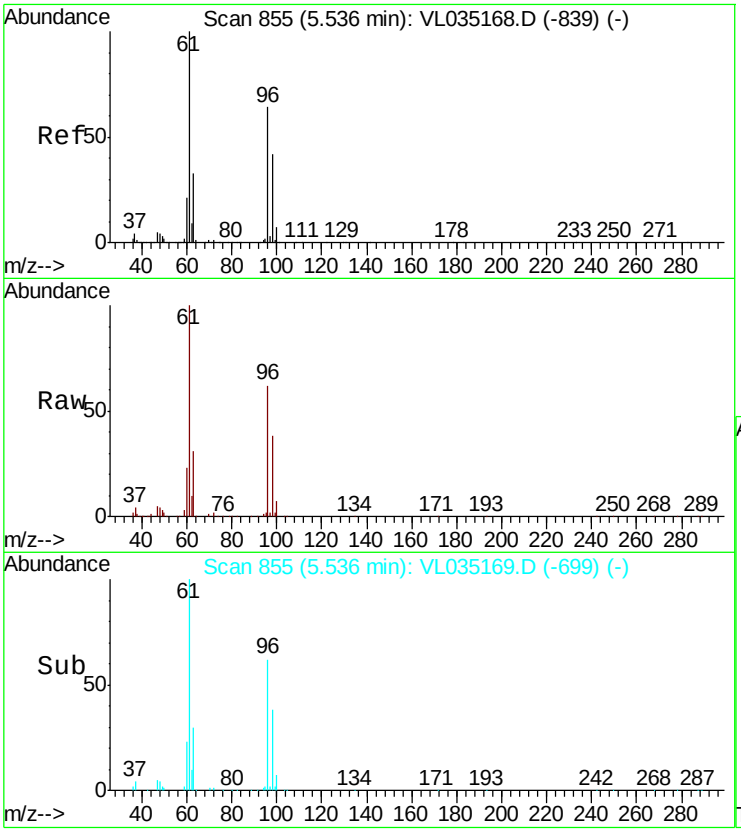


#30
Cyclohexane
Concen: 2.072 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 84 Resp: 193702

Ion	Ratio	Lower	Upper
84	100		
56	136.1	105.6	158.4
41	85.0	64.9	97.3



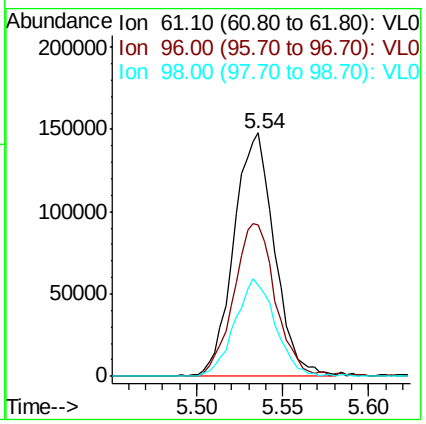


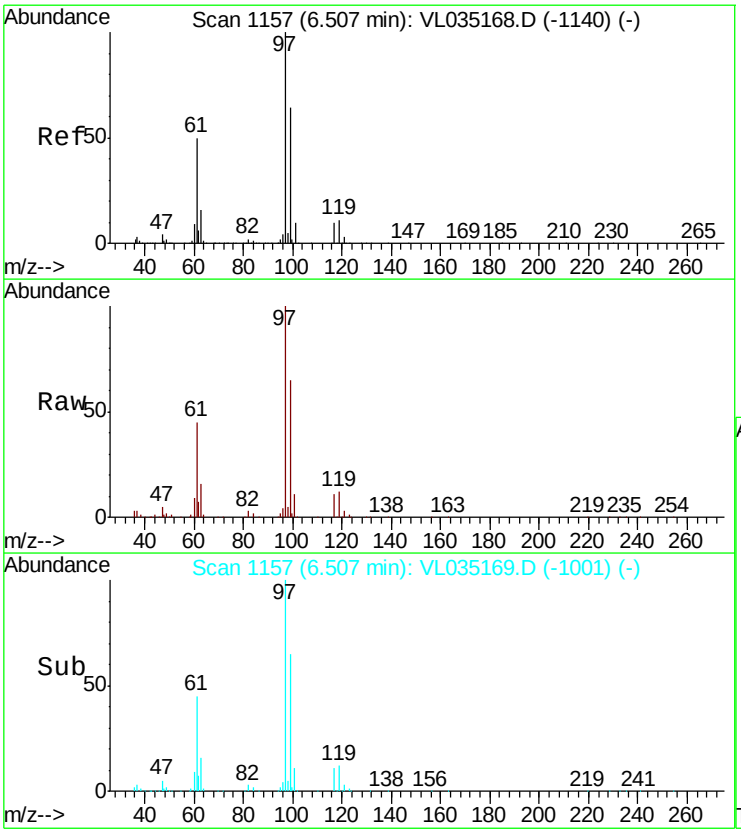
#31
cis-1,2-Dichloroethene
Concen: 2.038 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 243687

Ion	Ratio	Lower	Upper
61	100		
96	62.3	51.3	76.9
98	37.6	33.8	50.8

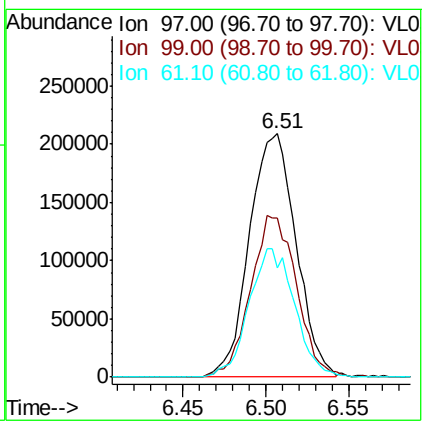


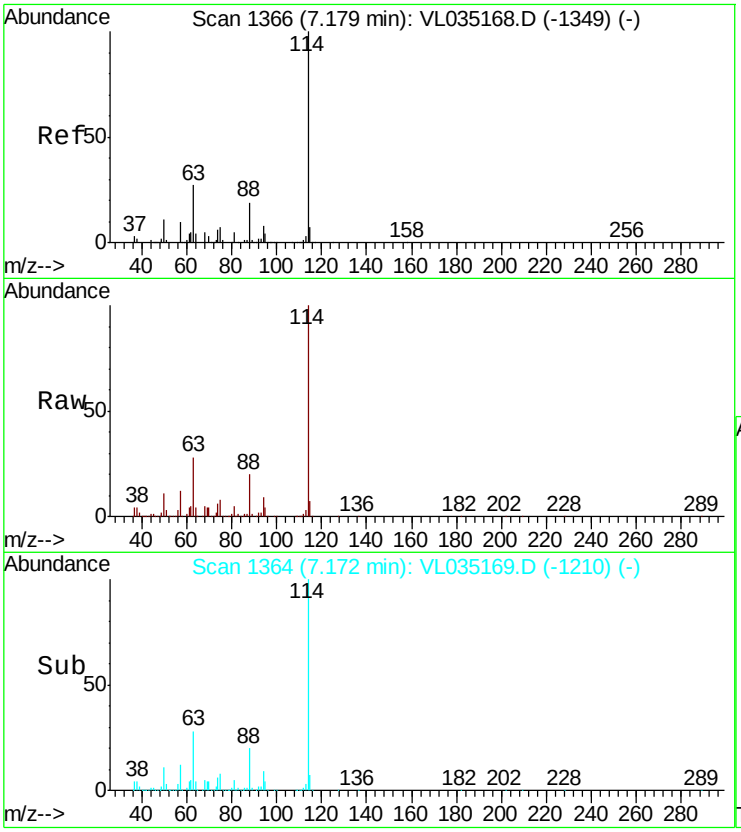


#32
1,1,1-Trichloroethane
Concen: 2.150 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 97 Resp: 410322

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.2	76.8
61	51.6	40.9	61.3



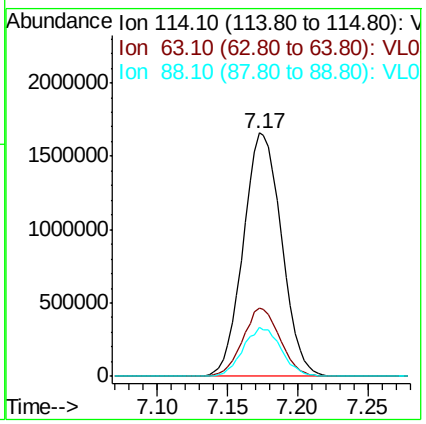


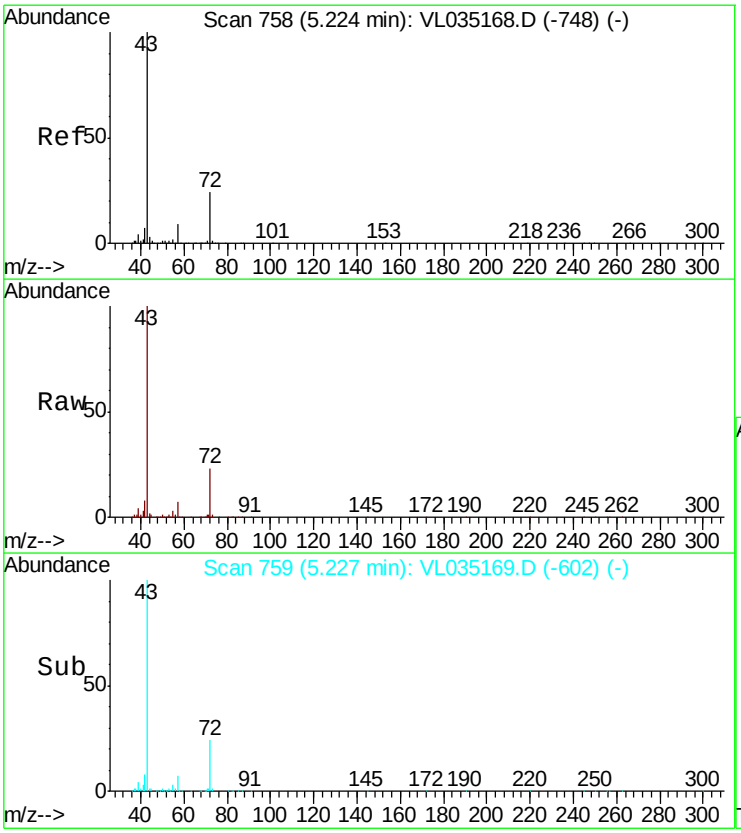
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 3163216

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.0	33.0
88	19.8	15.4	23.0

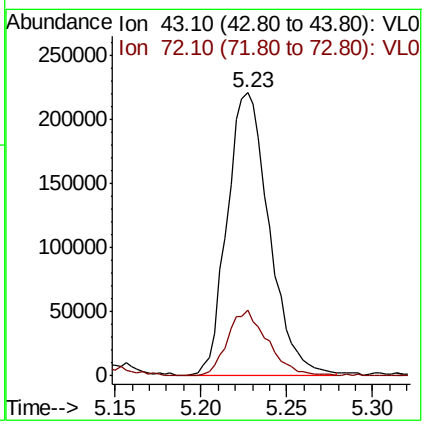


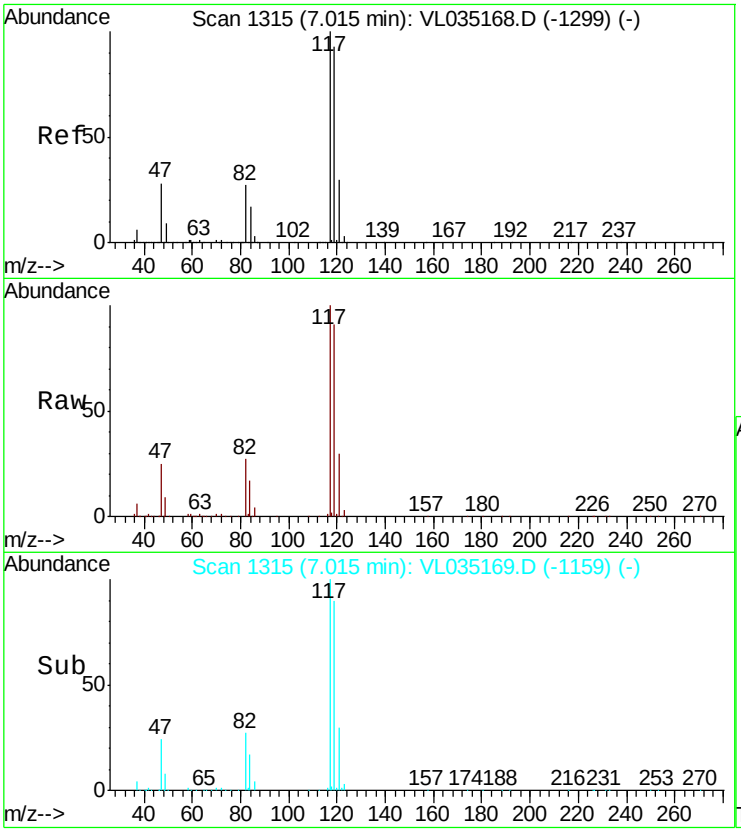


#34
2-Butanone
Concen: 2.092 ppbv
RT: 5.23 min Scan# 759
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 43 Resp: 374373

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.6	28.0



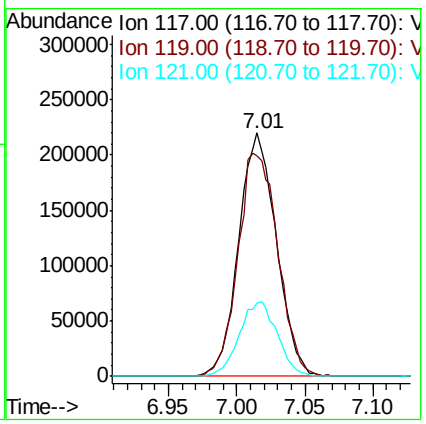


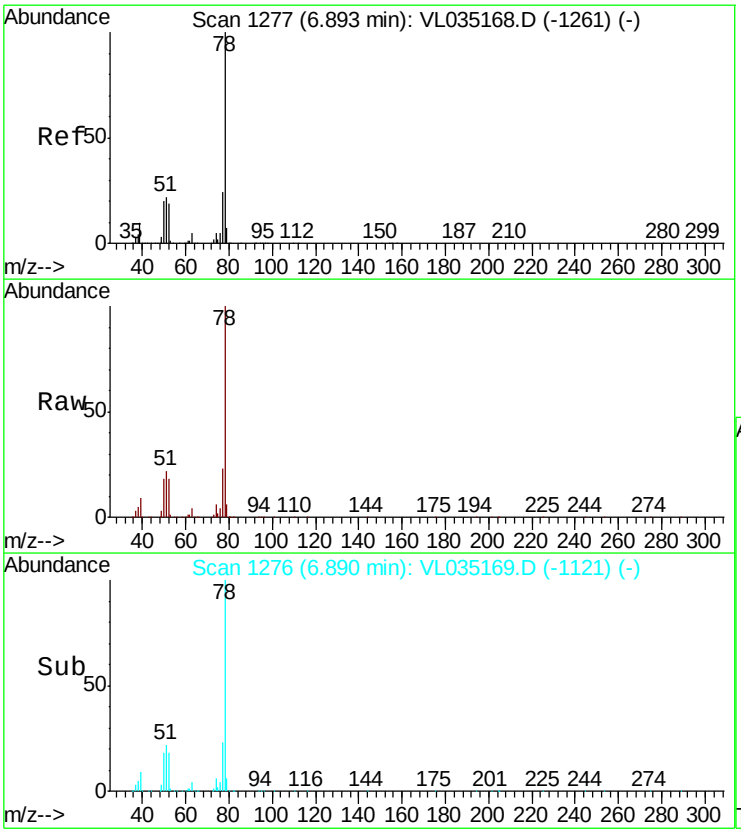
#35
Carbon Tetrachloride
Concen: 2.217 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:117 Resp: 421948

Ion	Ratio	Lower	Upper
117	100		
119	90.6	74.8	112.2
121	30.4	24.2	36.2

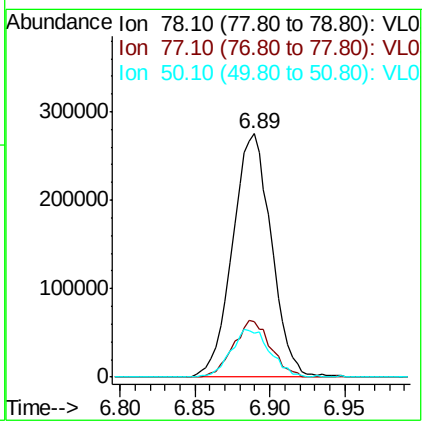


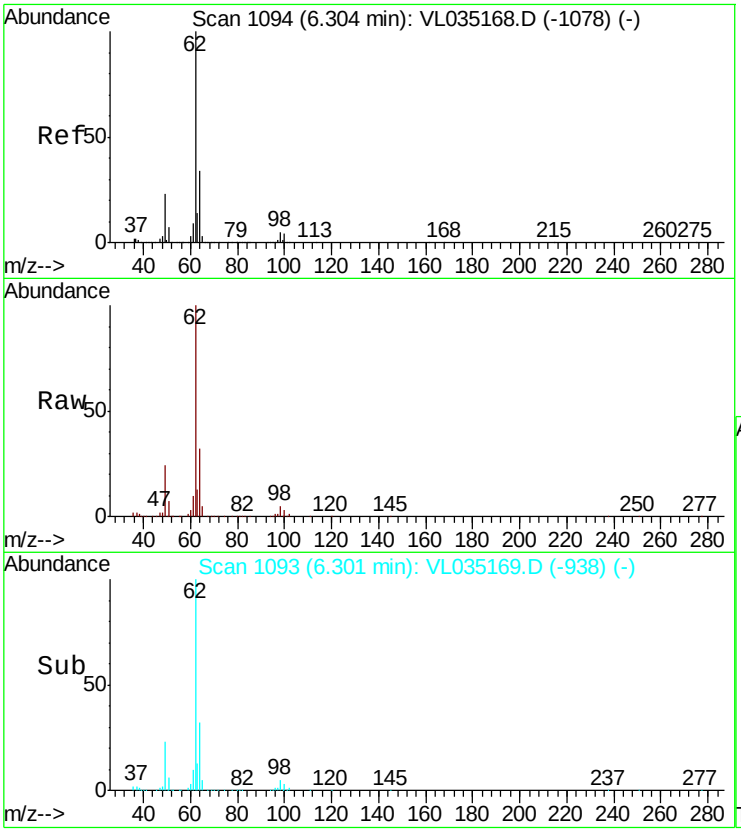


#36
Benzene
Concen: 2.045 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 78 Resp: 495216

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.3	28.9
50	18.2	16.0	24.0



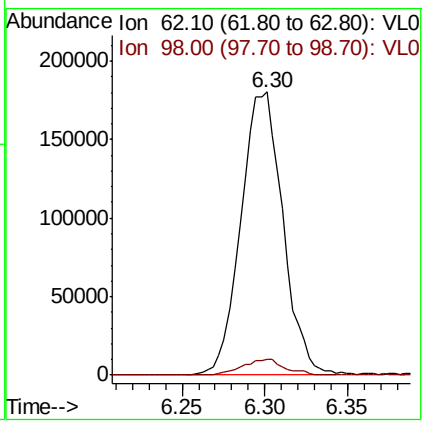


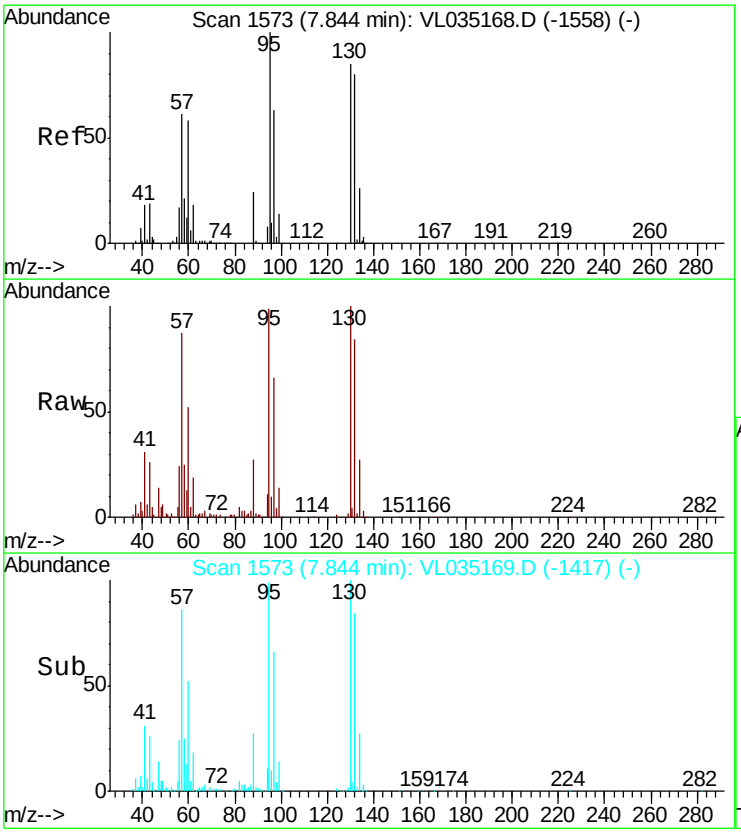
#37
1,2-Dichloroethane
Concen: 2.068 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 318734

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.6	6.8

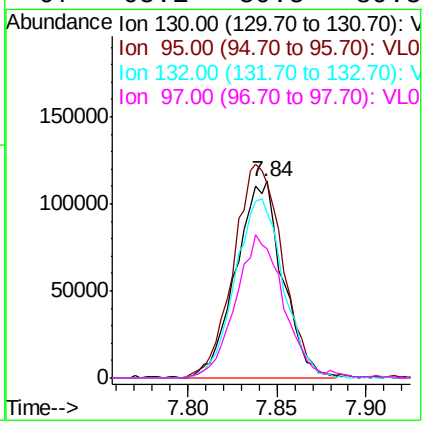


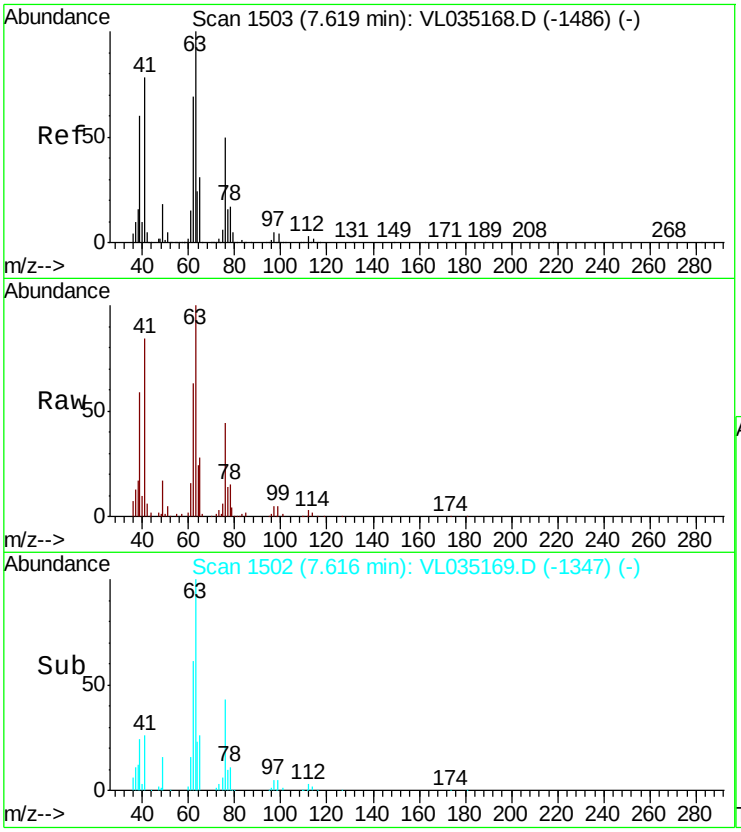


#38
Trichloroethene
Concen: 2.172 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:130 Resp: 206096

Ion	Ratio	Lower	Upper
130	100		
95	98.1	93.8	140.8
132	83.9	75.0	112.4
97	65.1	59.5	89.3



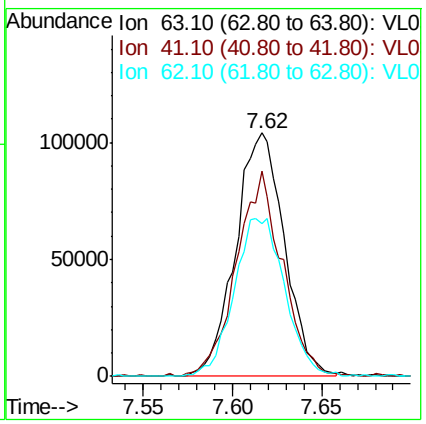


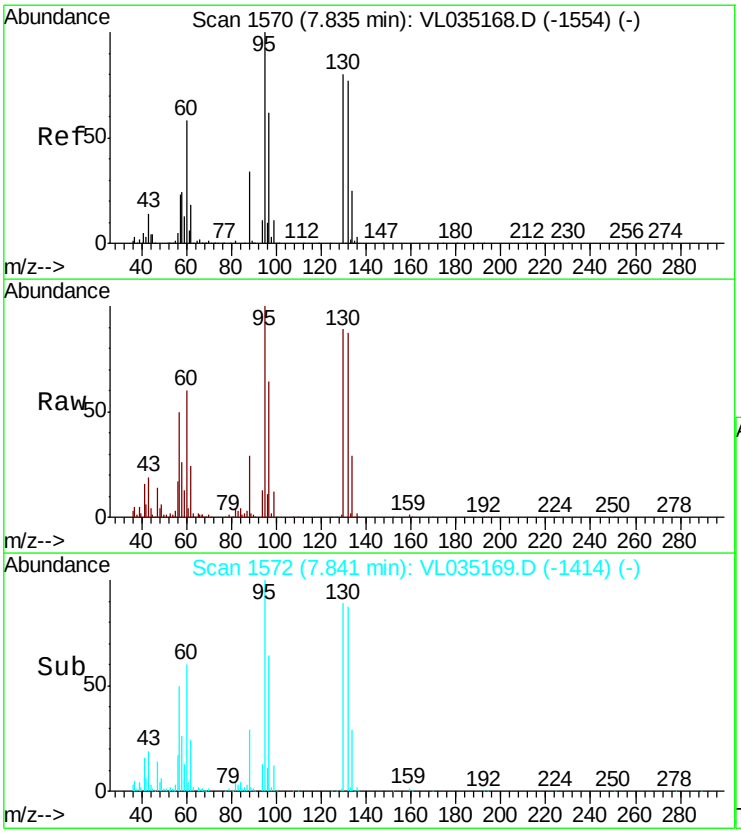
#39
1,2-Dichloropropane
Concen: 2.102 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 198540

Ion	Ratio	Lower	Upper
63	100		
41	83.3	62.6	94.0
62	61.9	55.0	82.6

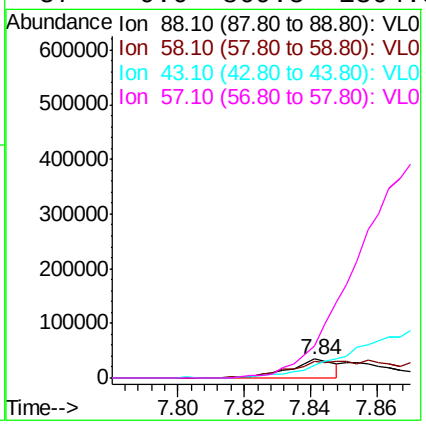


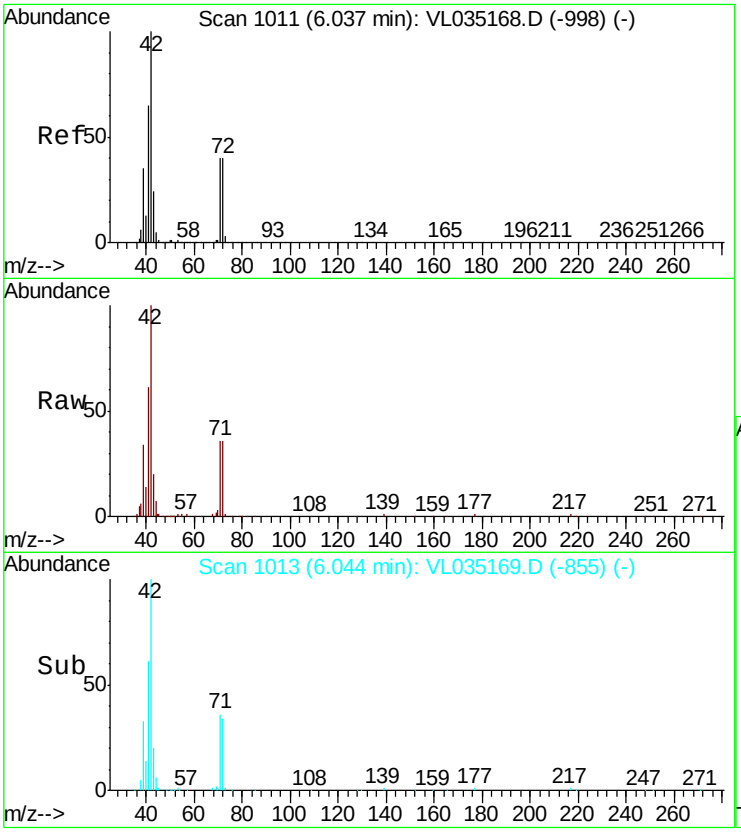


#40
1,4-Dioxane
Concen: 0.870 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 88 Resp: 33273

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#



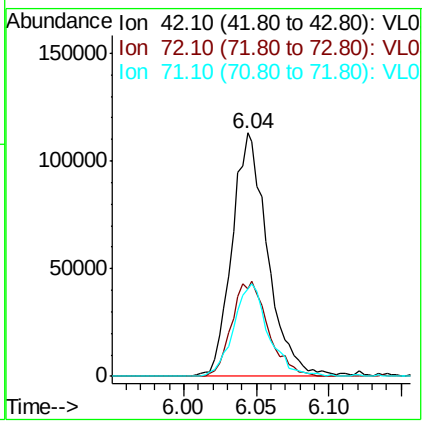


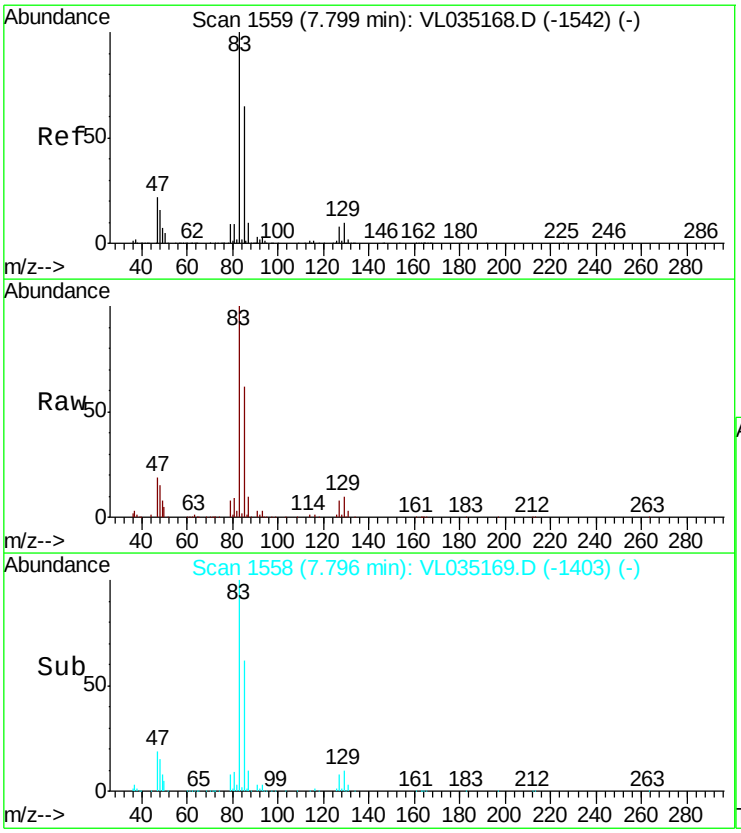
#41
Tetrahydrofuran
Concen: 2.117 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 192966

Ion	Ratio	Lower	Upper
42	100		
72	40.1	33.4	50.2
71	37.3	31.9	47.9

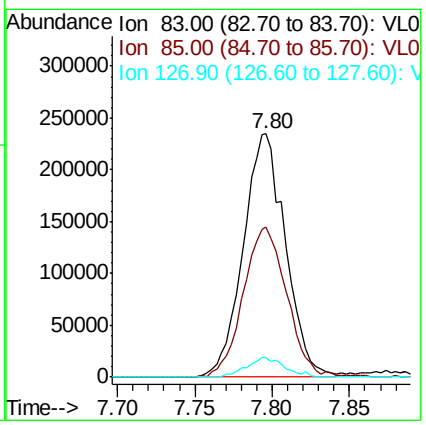


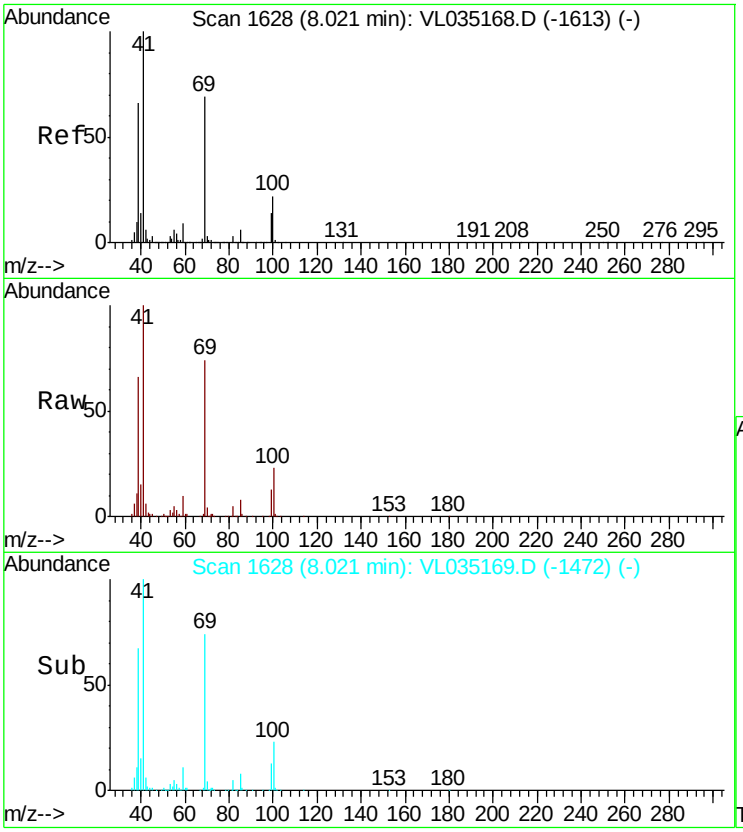


#42
Bromodichloromethane
Concen: 2.222 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 83 Resp: 444832

Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.2	78.4
127	8.0	6.3	9.5



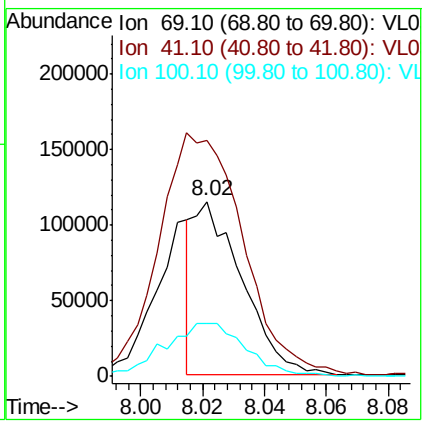


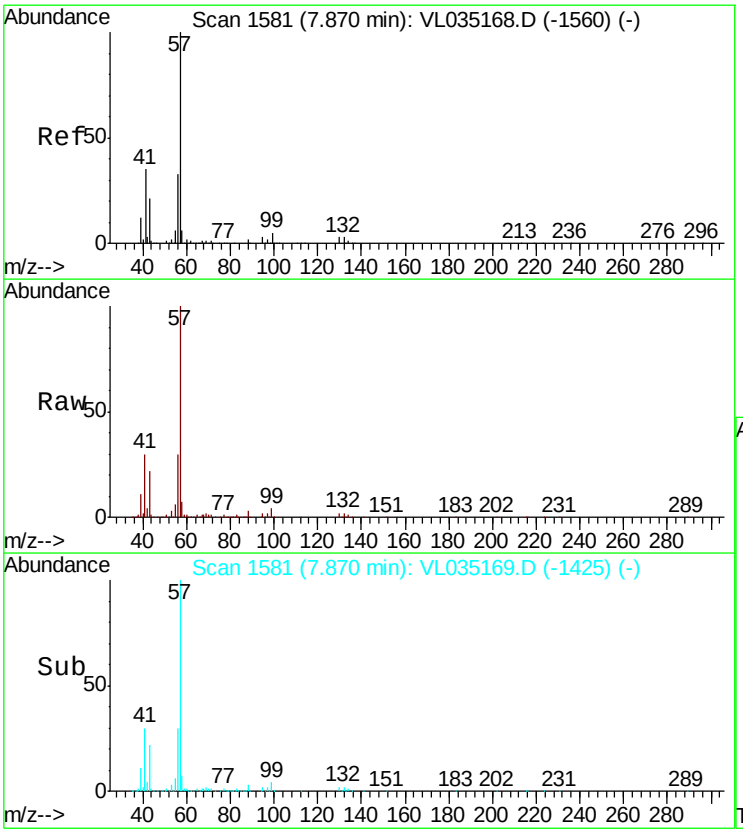
#43
Methyl Methacrylate
Concen: 1.213 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 124359

Ion	Ratio	Lower	Upper
69	100		
41	248.8	116.3	174.5#
100	53.3	25.6	38.4#

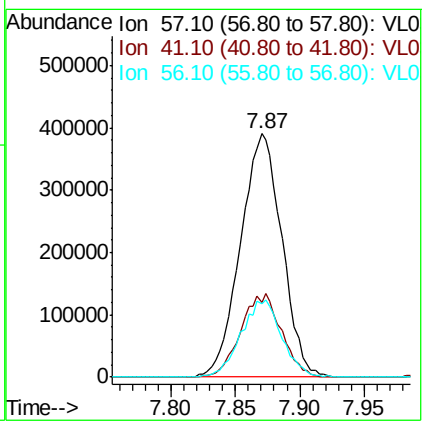


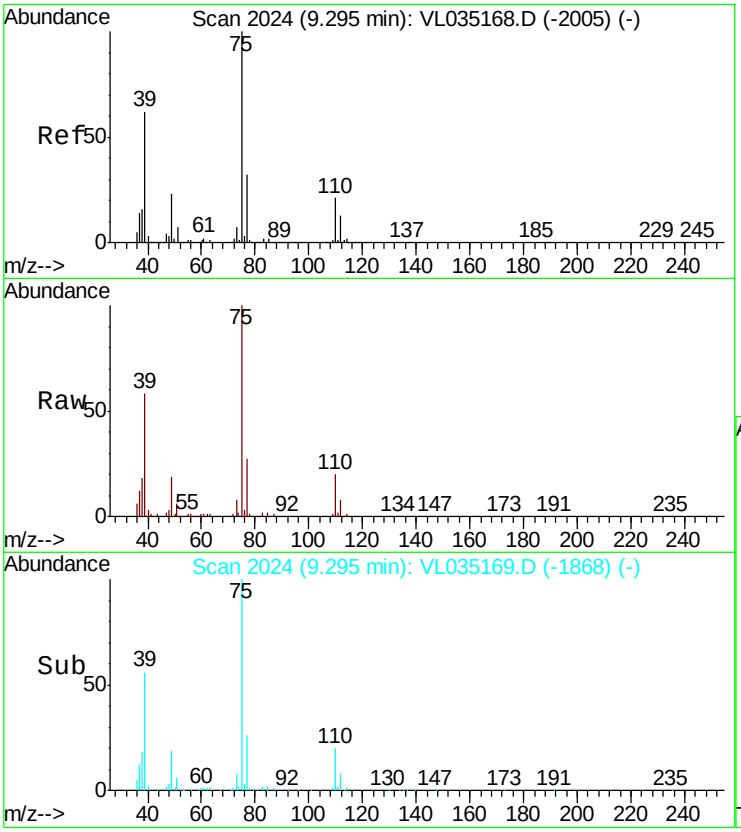


#44
2,2,4-Trimethylpentane
Concen: 2.065 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 57 Resp: 873941

Ion	Ratio	Lower	Upper
57	100		
41	33.8	27.0	40.6
56	31.2	25.5	38.3



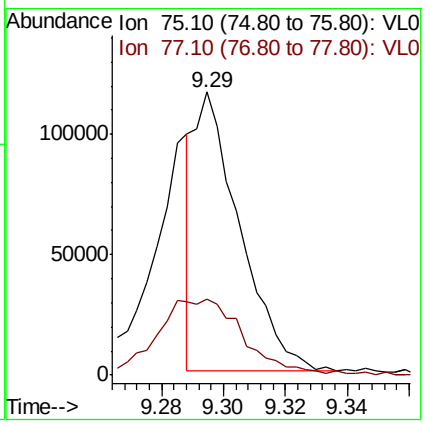


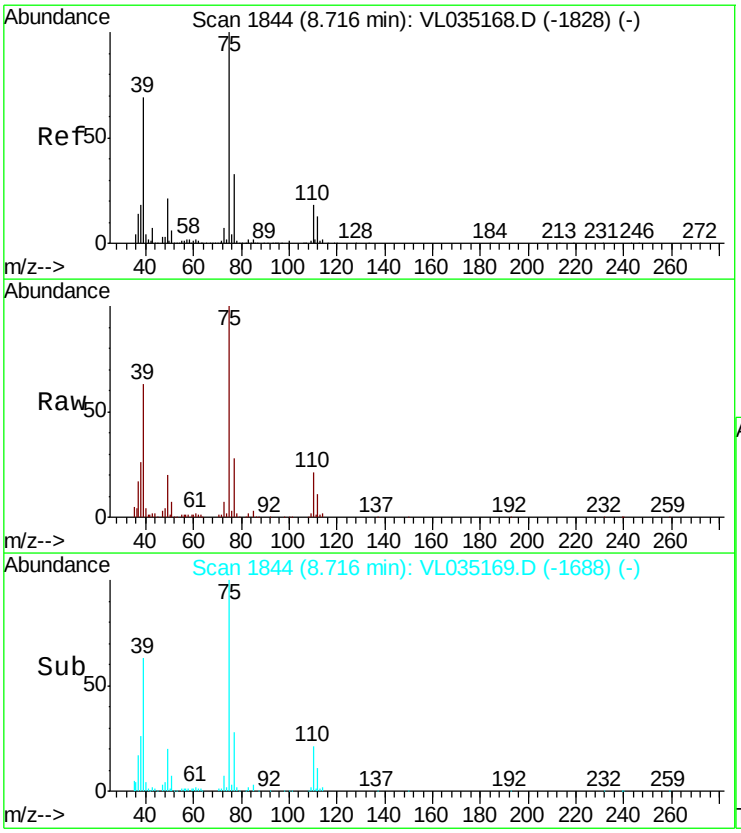
#45
t-1,3-Dichloropropene
Concen: 1.166 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 116726

Ion	Ratio	Lower	Upper
75	100		
77	26.7	25.8	38.8

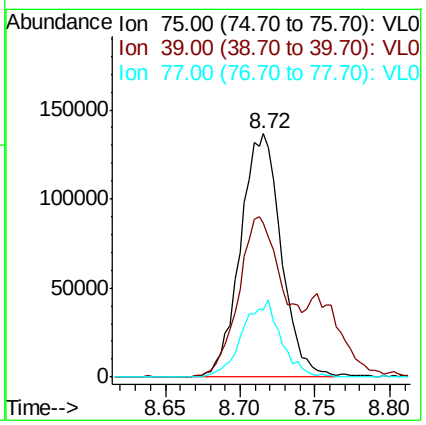


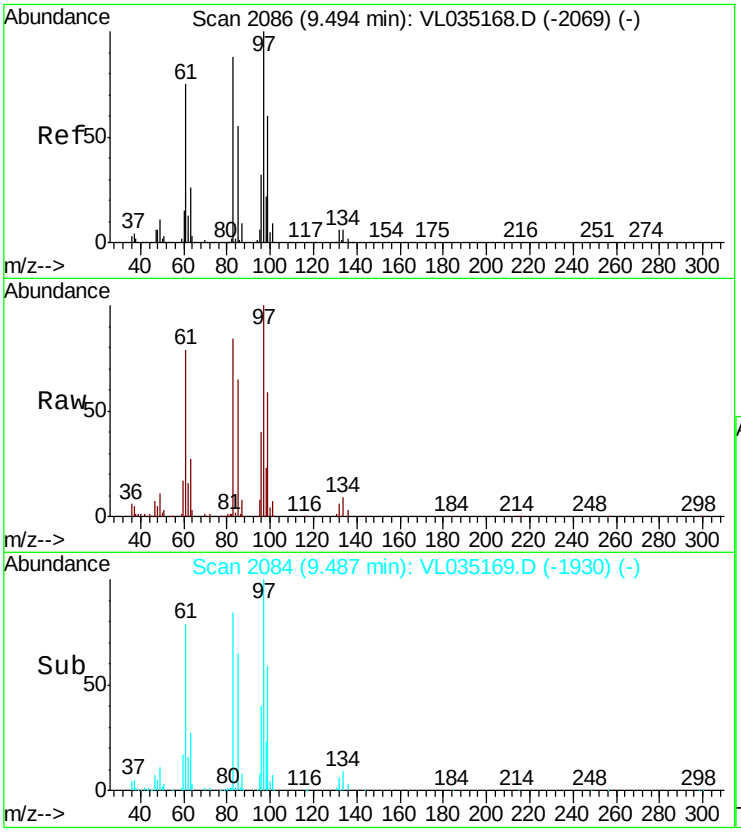


#46
cis-1,3-Dichloropropene
Concen: 2.081 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 75 Resp: 258291

Ion	Ratio	Lower	Upper
75	100		
39	63.0	55.2	82.8
77	27.6	26.0	39.0



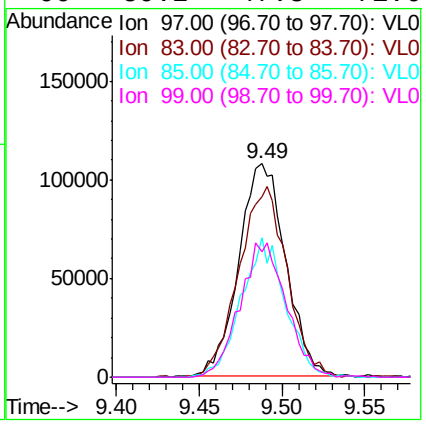


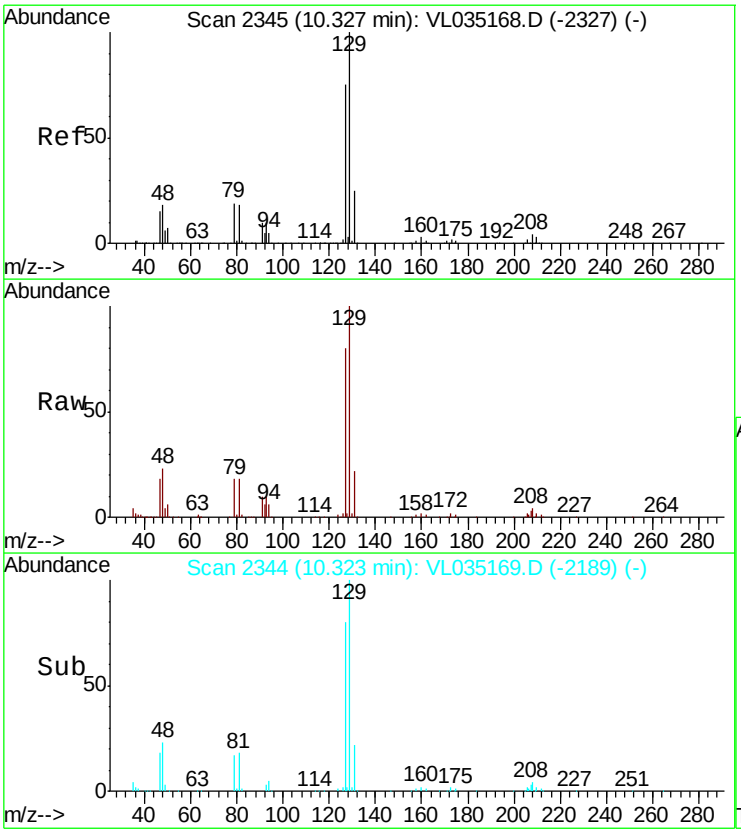
#47
1,1,2-Trichloroethane
Concen: 2.046 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 212401

Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.3	105.5
85	65.4	44.3	66.5
99	59.2	47.8	71.6

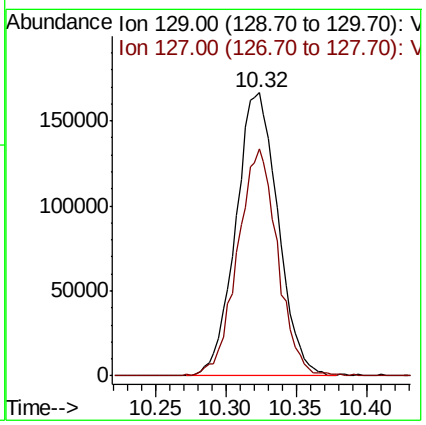


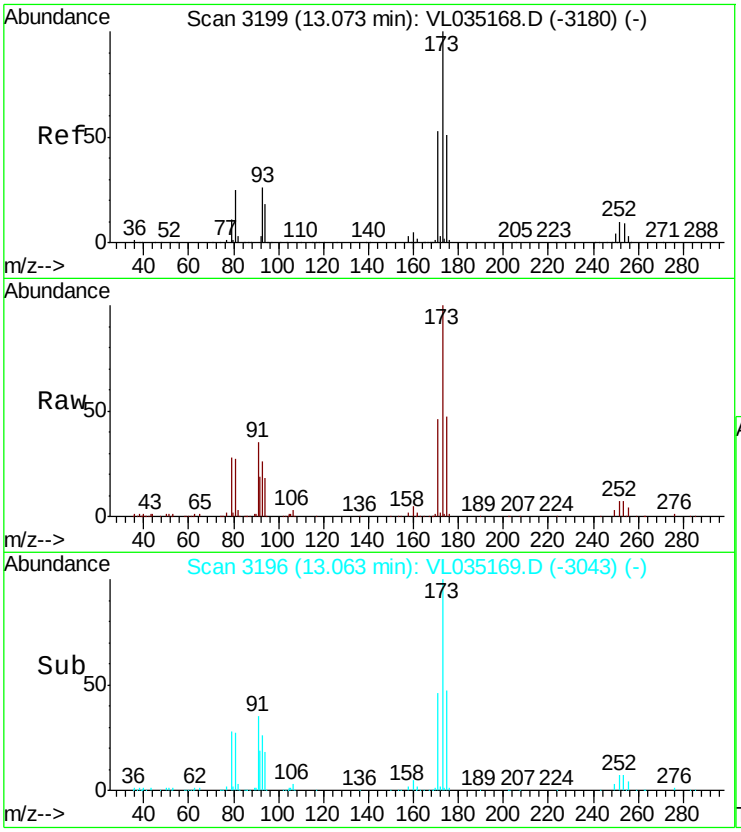


#48
Dibromochloromethane
Concen: 2.237 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:129 Resp: 348959

Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.8	116.3



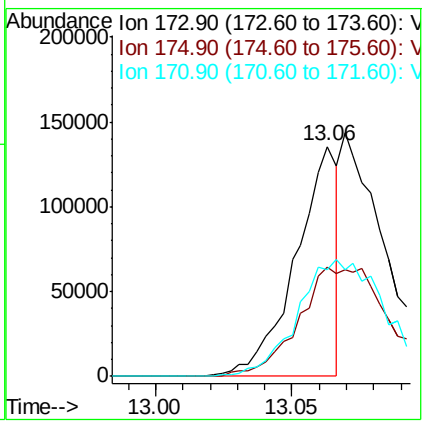


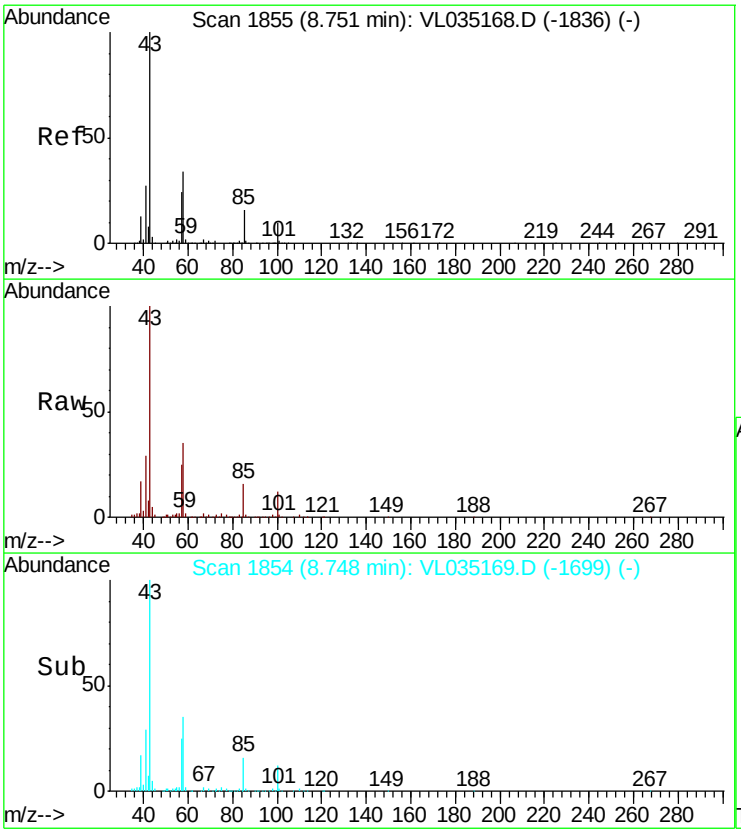
#49
Bromoform
Concen: 1.087 ppbv
RT: 13.06 min Scan# 3196
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 144536

Ion	Ratio	Lower	Upper
173	100		
175	99.3	39.7	59.5#
171	0.0	41.6	62.4#

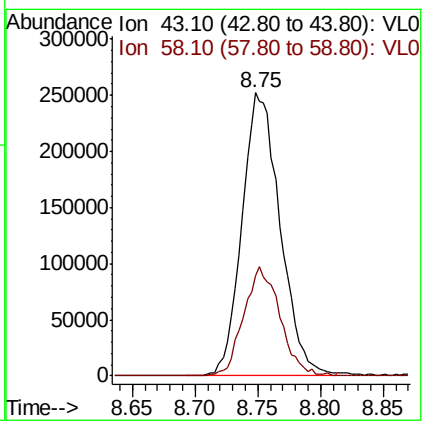


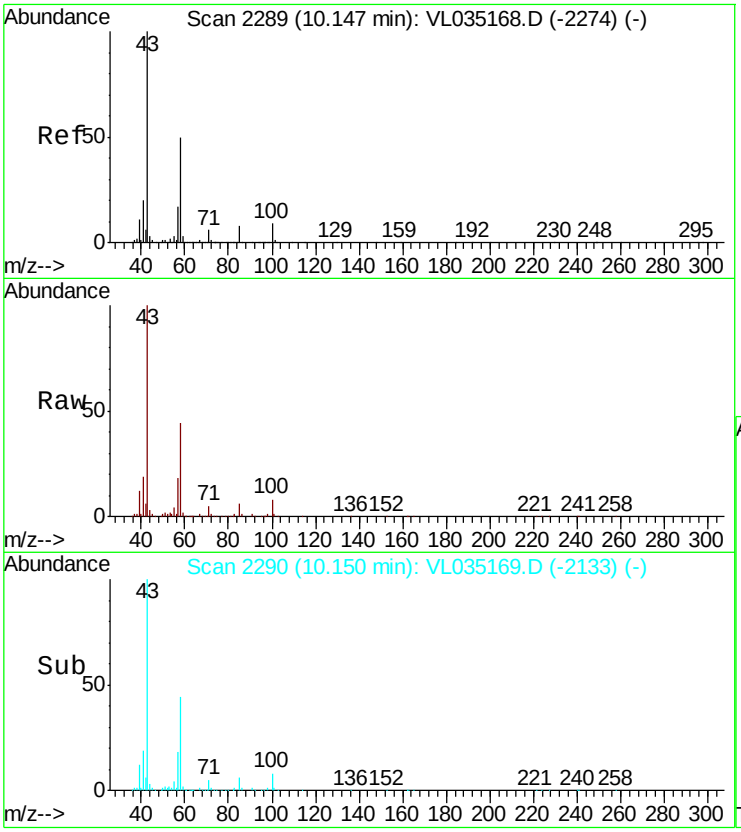


#50
4-Methyl-2-Pentanone
Concen: 2.081 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 43 Resp: 533611

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.4	44.2



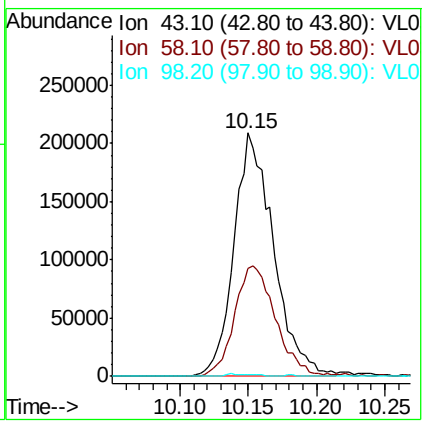


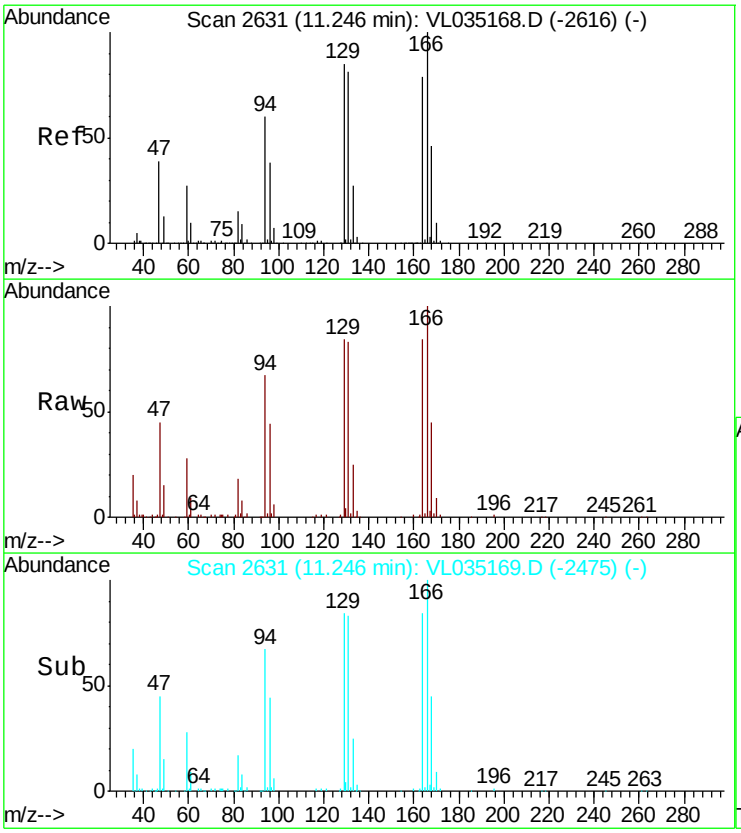
#51
2-Hexanone
Concen: 2.105 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 420994

Ion	Ratio	Lower	Upper
43	100		
58	47.2	39.4	59.0
98	0.9	0.3	0.5#

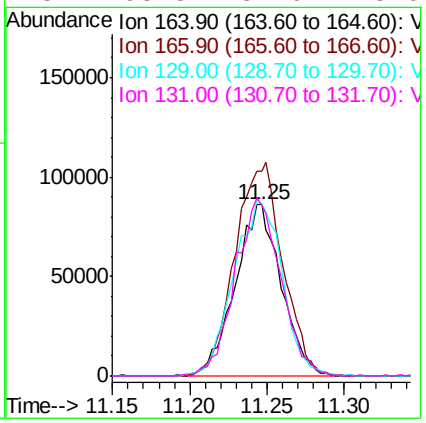


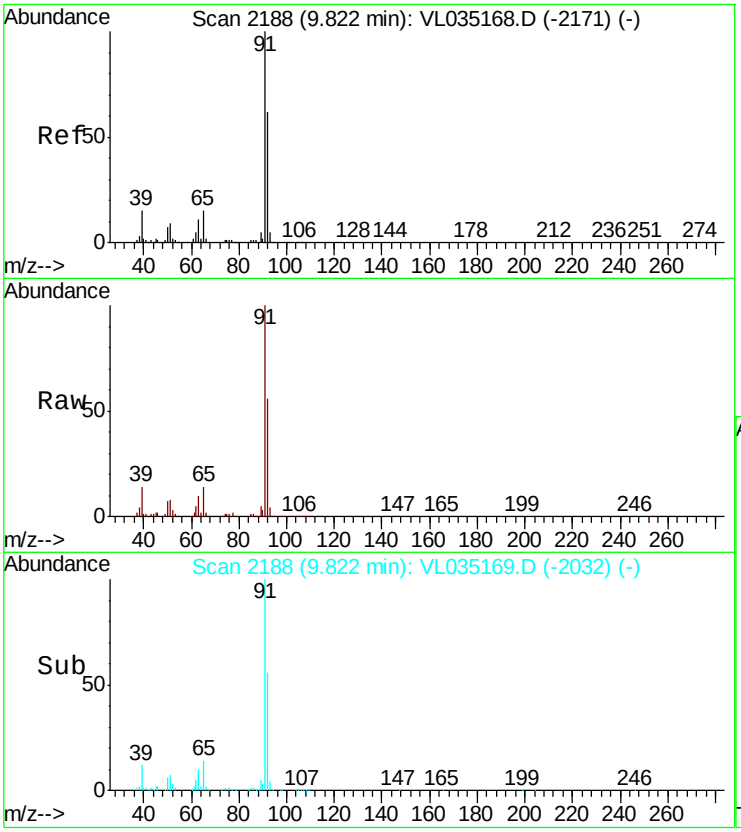


#52
Tetrachloroethene
Concen: 2.073 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:164 Resp: 178012

Ion	Ratio	Lower	Upper
164	100		
166	119.4	100.7	151.1
129	99.5	85.8	128.6
131	98.8	82.0	123.0



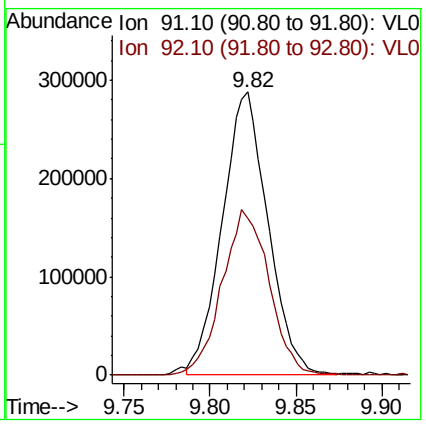


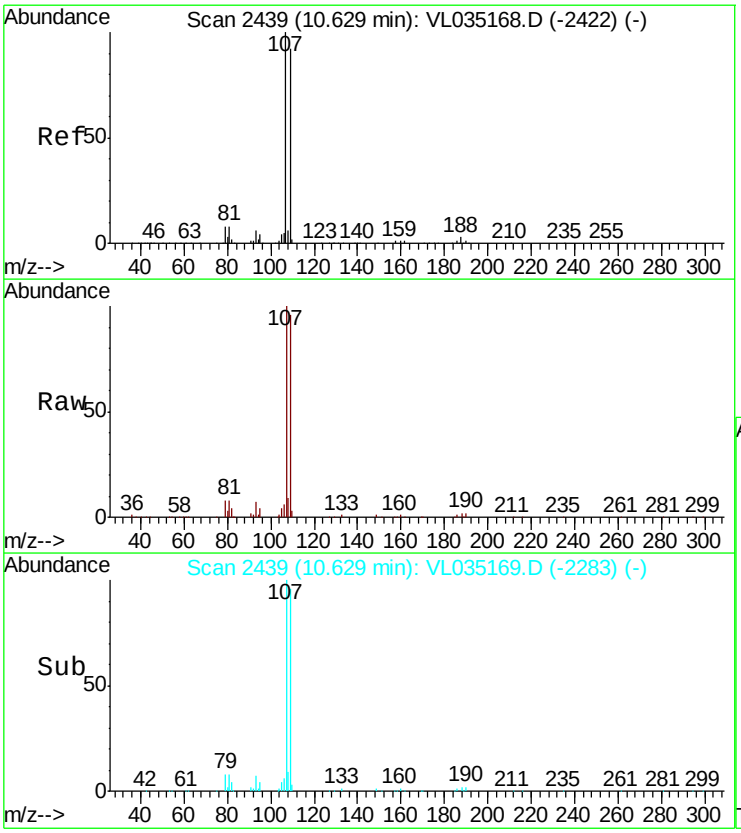
#53
Toluene
Concen: 2.045 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 529936

Ion	Ratio	Lower	Upper
91	100		
92	60.5	48.4	72.6

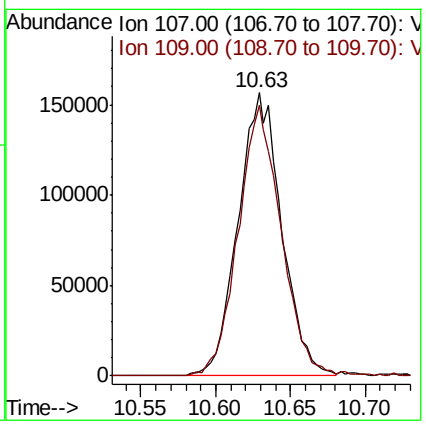


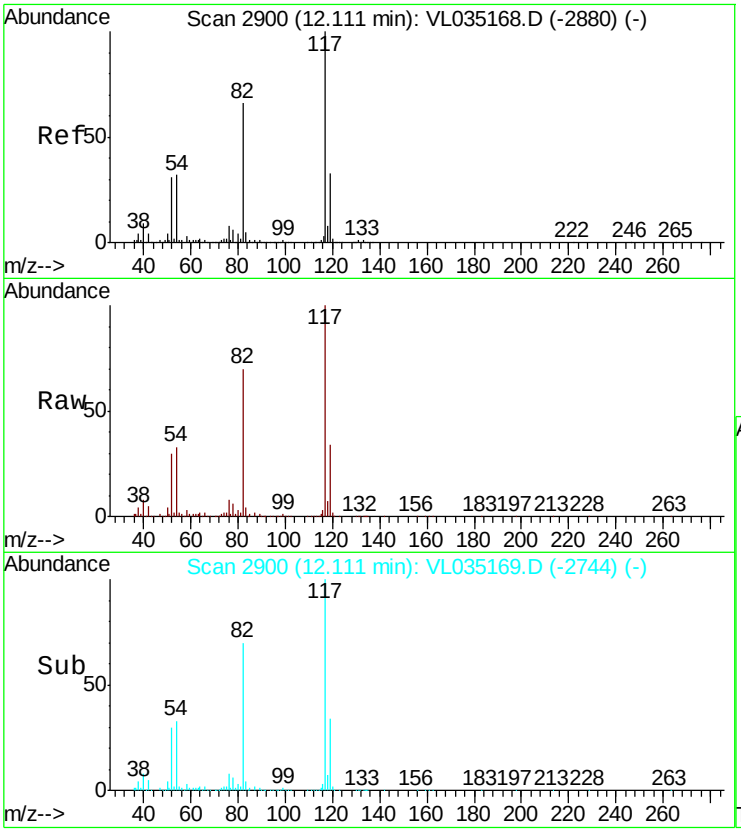


#54
1,2-Dibromoethane
Concen: 2.052 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:107 Resp: 316181

Ion	Ratio	Lower	Upper
107	100		
109	95.5	74.0	111.0



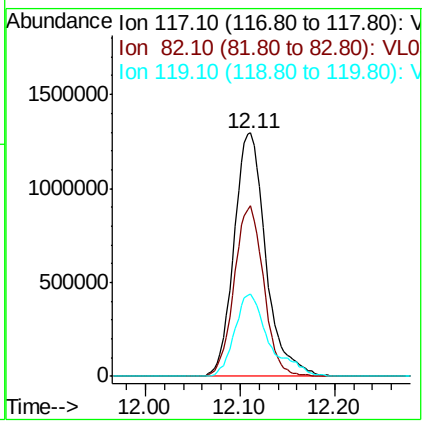


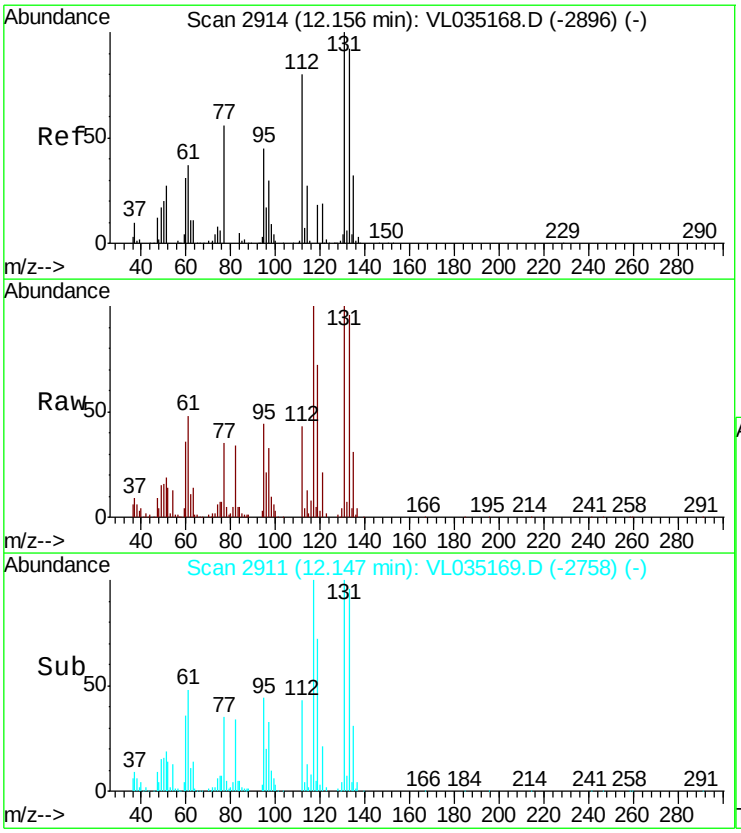
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 3026129

Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.3	78.5
119	36.6	24.9	37.3

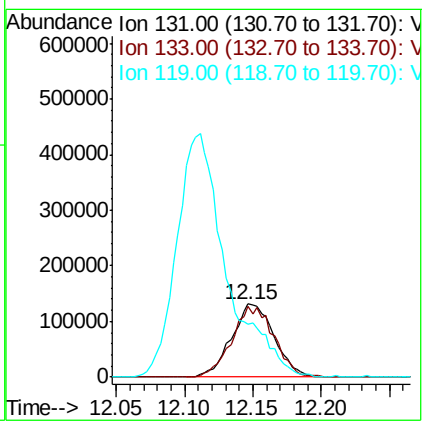


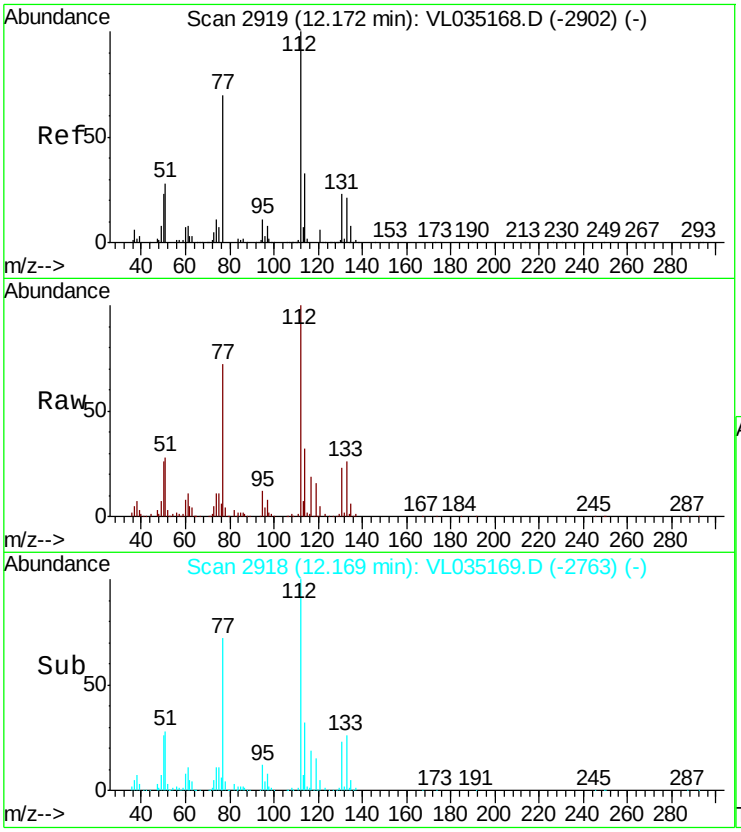


#56
1,1,1,2-Tetrachloroethane
Concen: 2.280 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:131 Resp: 285706

Ion	Ratio	Lower	Upper
131	100		
133	95.2	75.4	113.2
119	387.9	42.4	63.6#



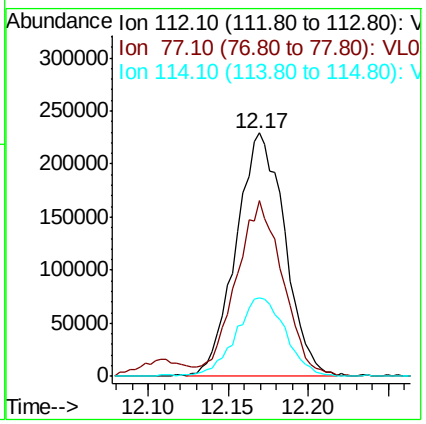


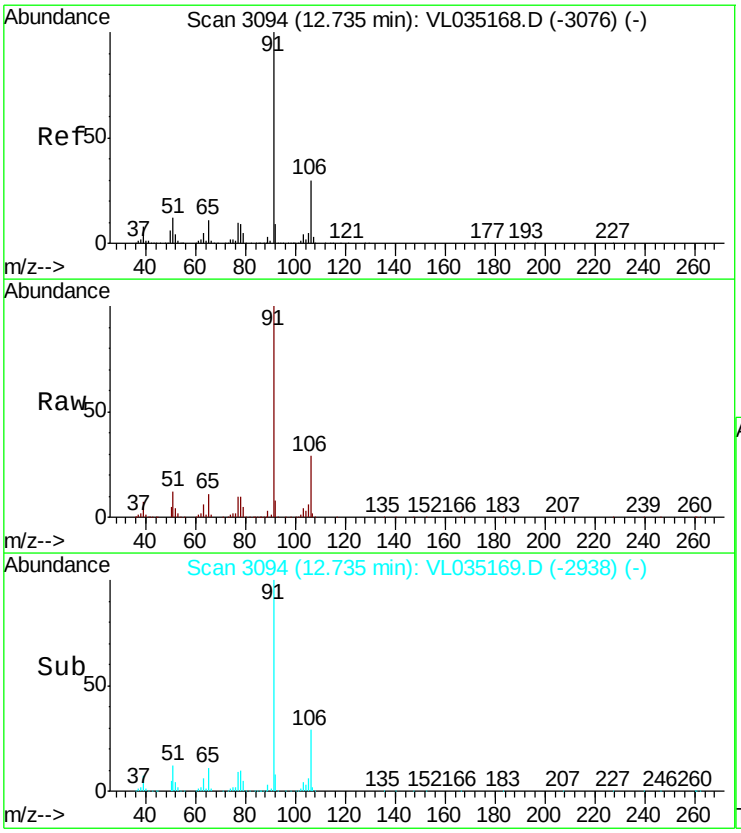
#57
Chlorobenzene
Concen: 2.138 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 477575

Ion	Ratio	Lower	Upper
112	100		
77	71.5	57.0	85.4
114	32.3	30.2	37.0

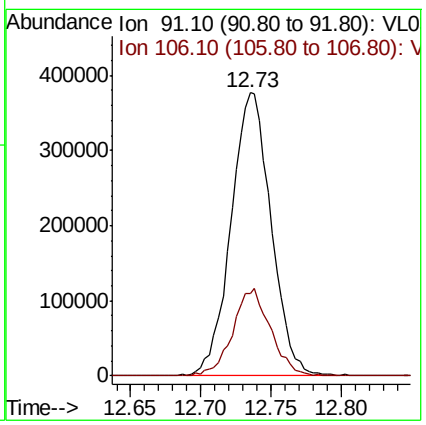


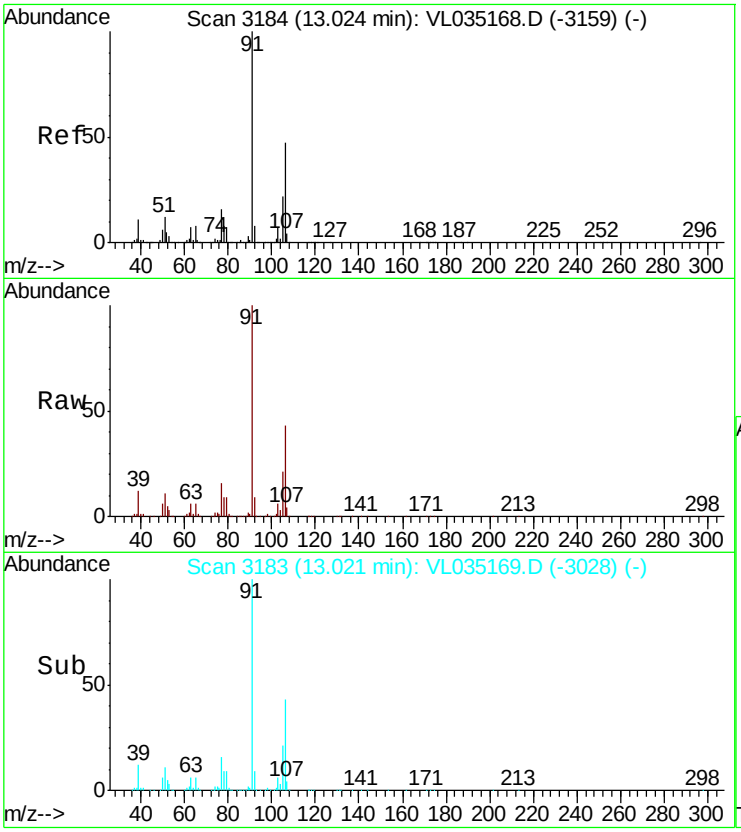


#58
Ethyl Benzene
Concen: 2.174 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 91 Resp: 743046

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.2	36.2



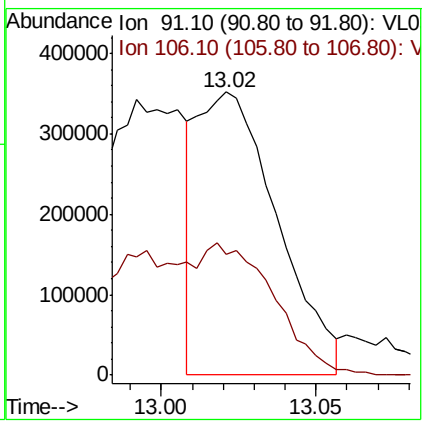


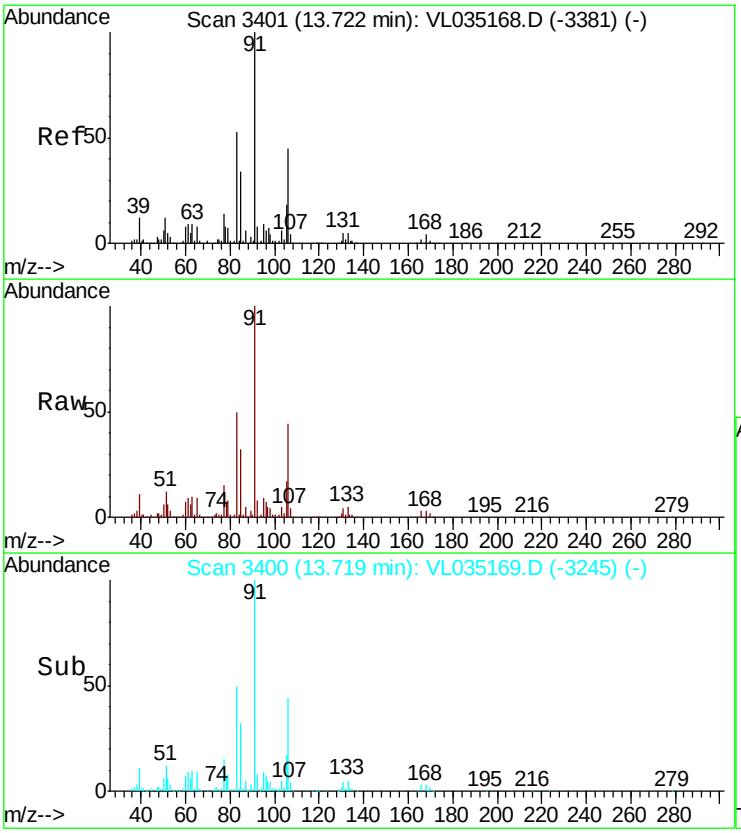
#59
m/p-Xylene
Concen: 2.088 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 632465

Ion	Ratio	Lower	Upper
91	100		
106	93.2	36.2	54.2#

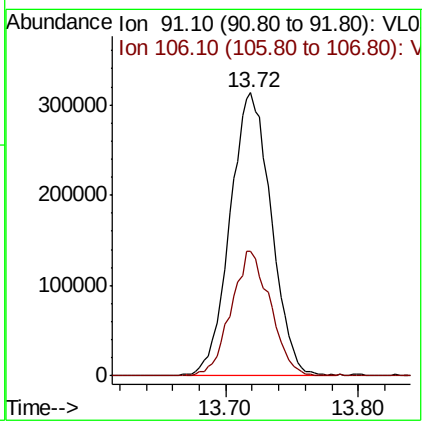


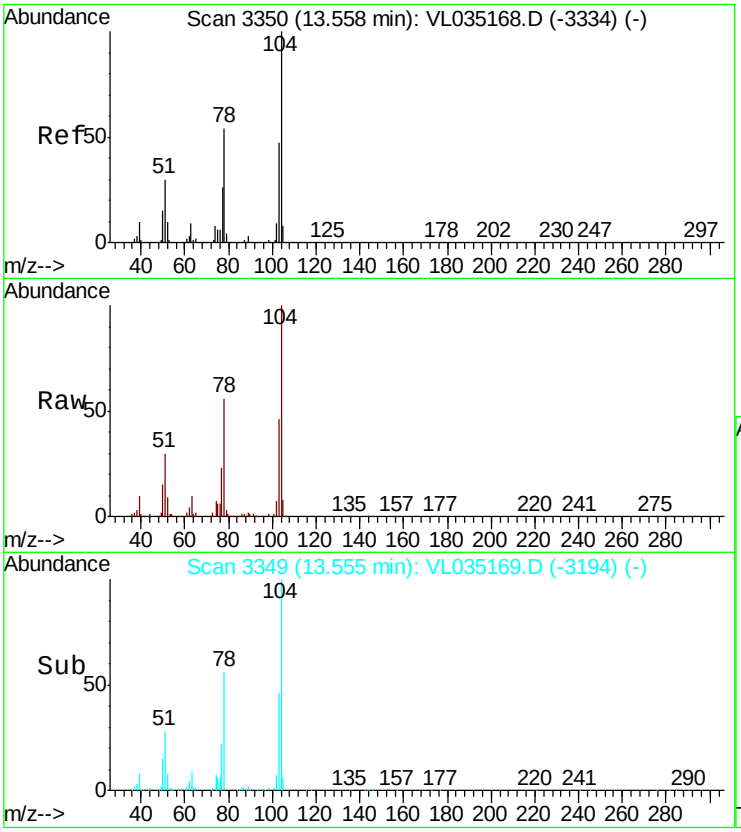


#60
o-Xylene
Concen: 2.217 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 91 Resp: 670488

Ion	Ratio	Lower	Upper
91	100		
106	42.7	22.1	66.3



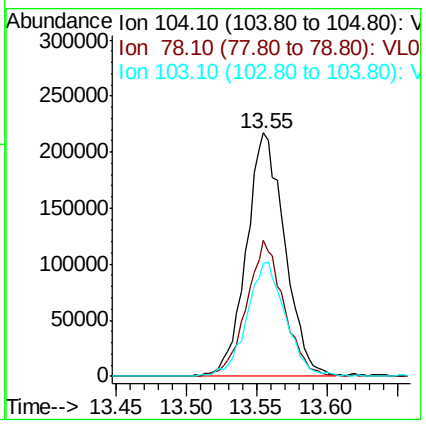


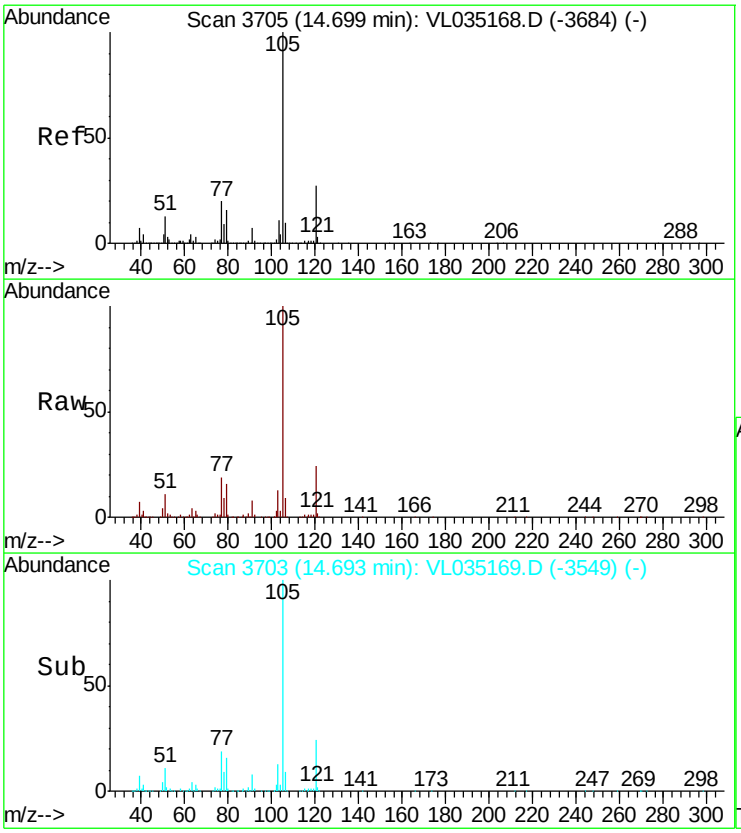
#61
Stvrene
Concen: 2.173 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 413656

Ion	Ratio	Lower	Upper
104	100		
78	54.6	43.4	65.0
103	47.1	37.4	56.0

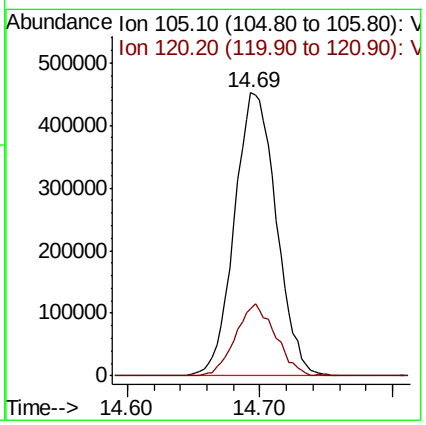


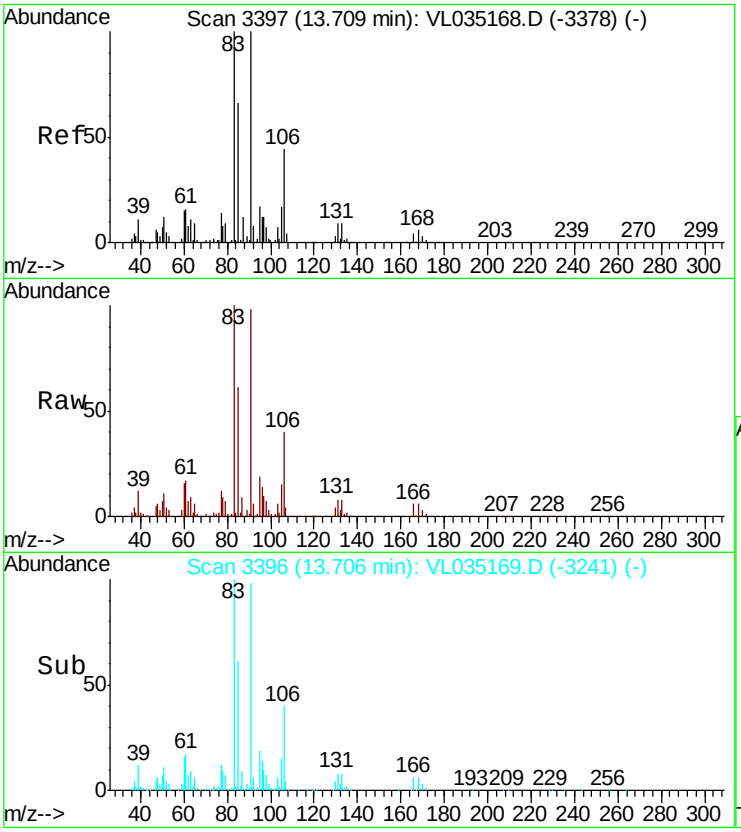


#62
Isopropylbenzene
Concen: 2.201 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:105 Resp: 993123

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.7	31.1



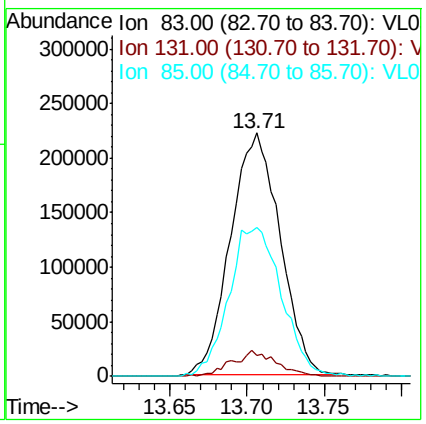


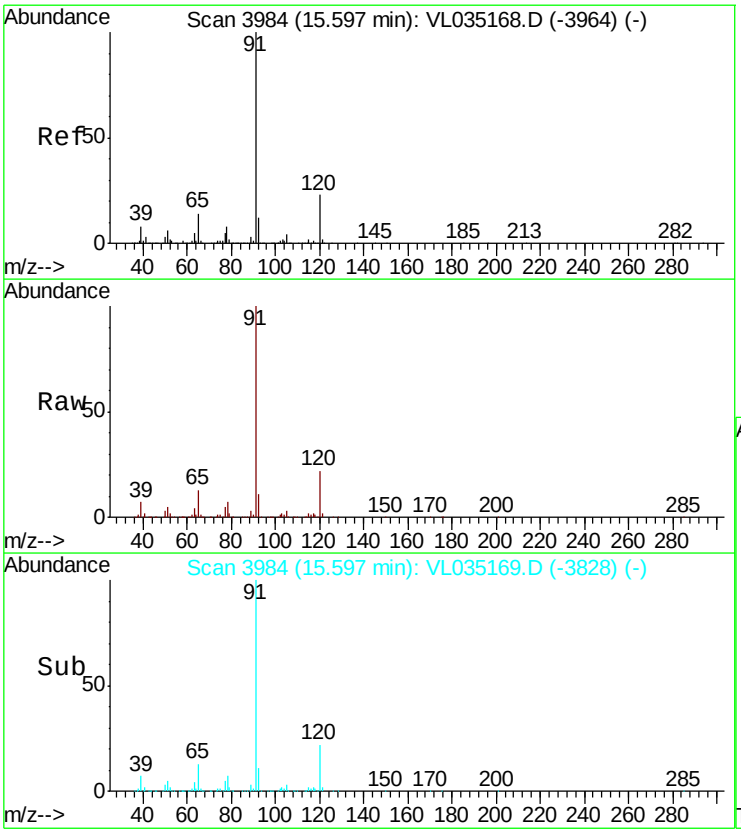
#63
1,1,2,2-Tetrachloroethane
Concen: 2.024 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 83 Resp: 495016

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.0
85	65.6	33.0	99.0

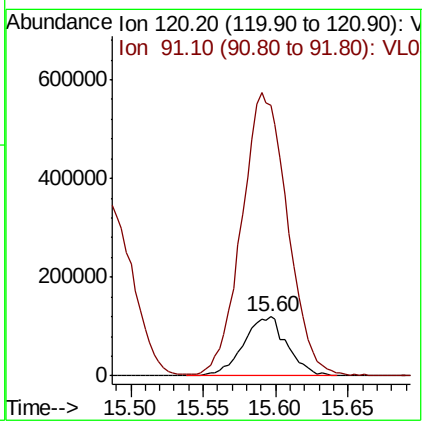


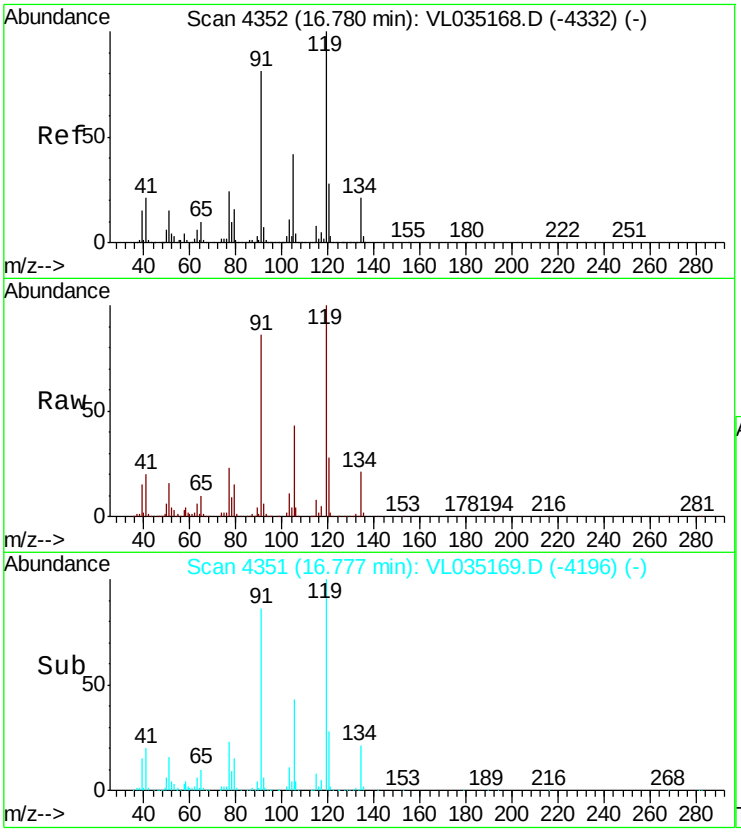


#64
n-propylbenzene
Concen: 2.179 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:120 Resp: 251217

Ion	Ratio	Lower	Upper
120	100		
91	503.8	372.4	558.6



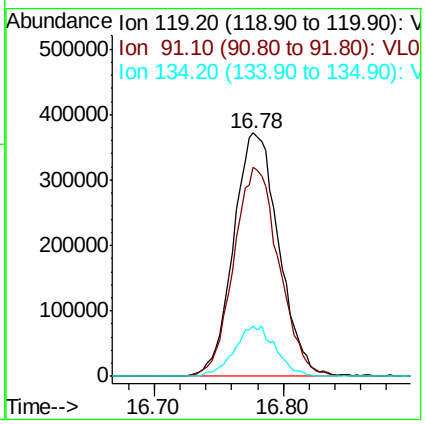


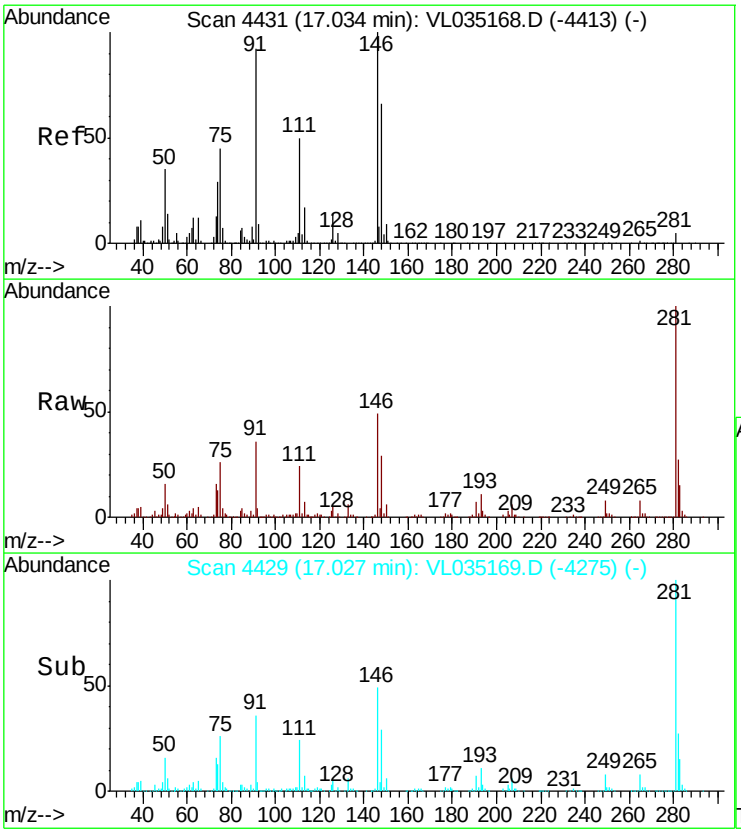
#65
tert-Butylbenzene
Concen: 2.331 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 907140

Ion	Ratio	Lower	Upper
119	100		
91	86.3	67.5	101.3
134	18.9	16.0	24.0

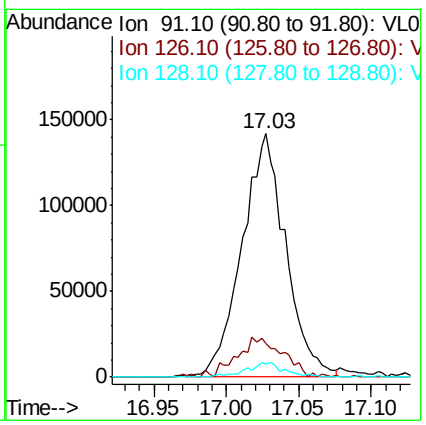


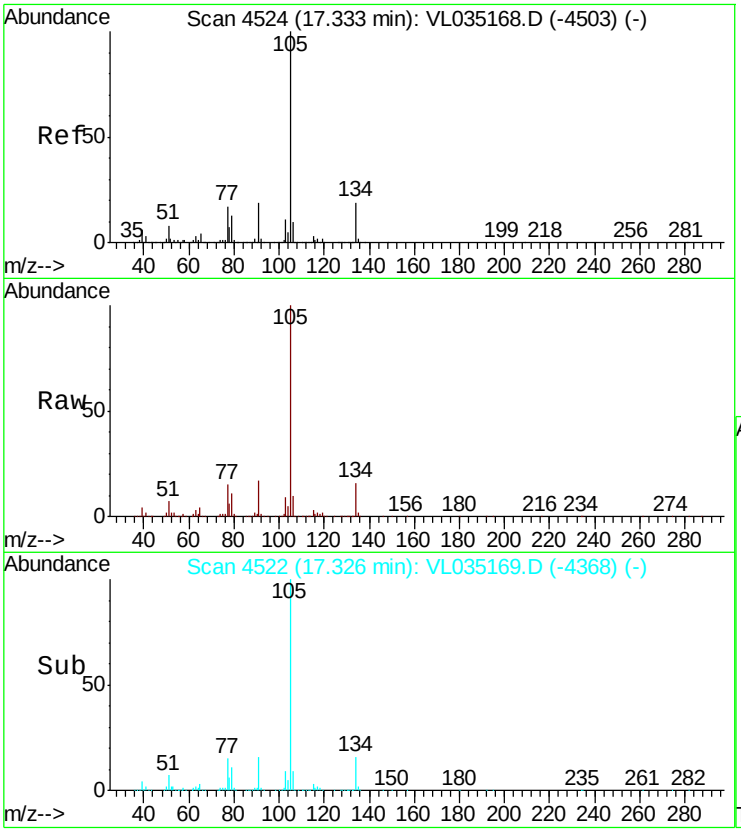


#66
Benzyl Chloride
Concen: 2.405 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 91 Resp: 295417

Ion	Ratio	Lower	Upper
91	100		
126	17.9	13.9	20.9
128	5.3	4.2	6.4



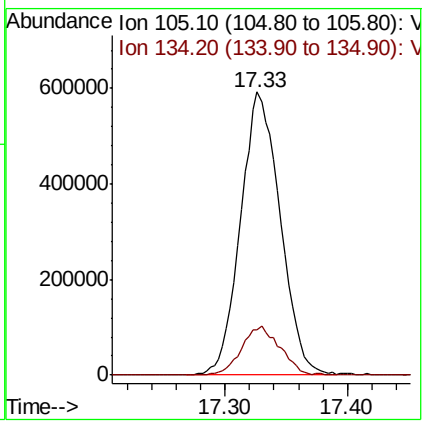


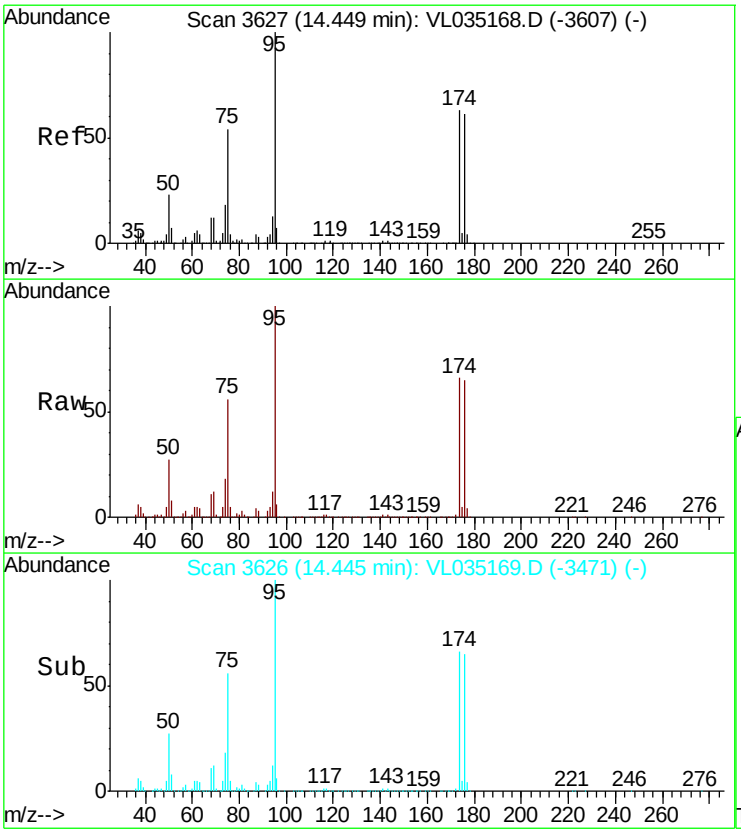
#67
sec-Butylbenzene
Concen: 2.368 ppbv
RT: 17.33 min Scan# 4522
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1323479

Ion	Ratio	Lower	Upper
105	100		
134	17.0	14.6	21.8

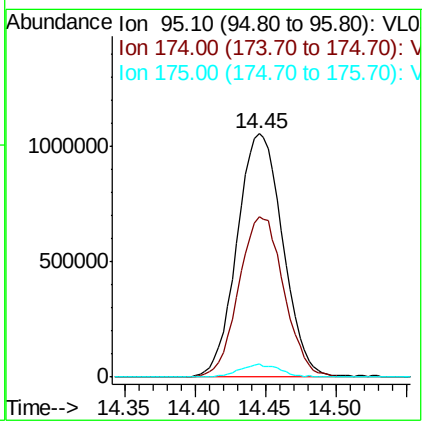


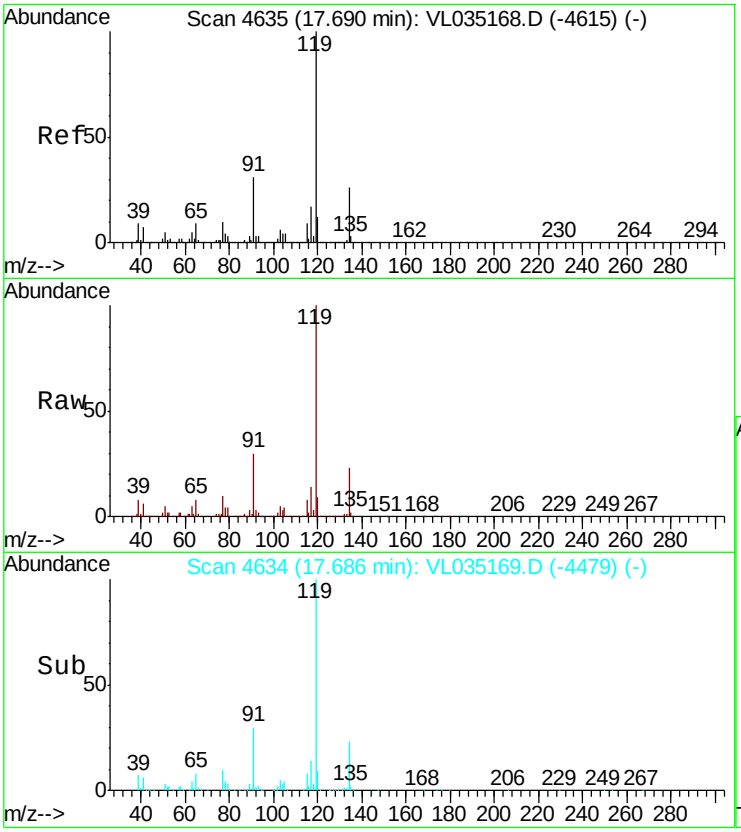


#68
1-Bromo-4-Fluorobenzene
Concen: 9.522 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 95 Resp: 2394501

Ion	Ratio	Lower	Upper
95	100		
174	65.1	52.2	78.2
175	4.8	4.0	6.0



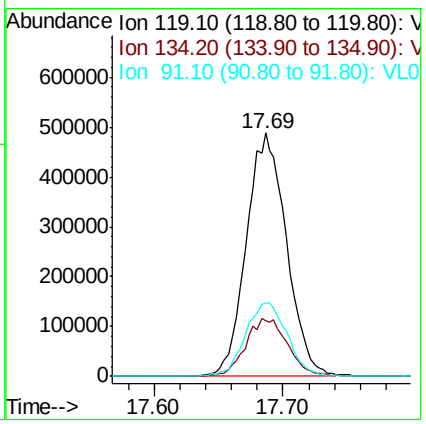


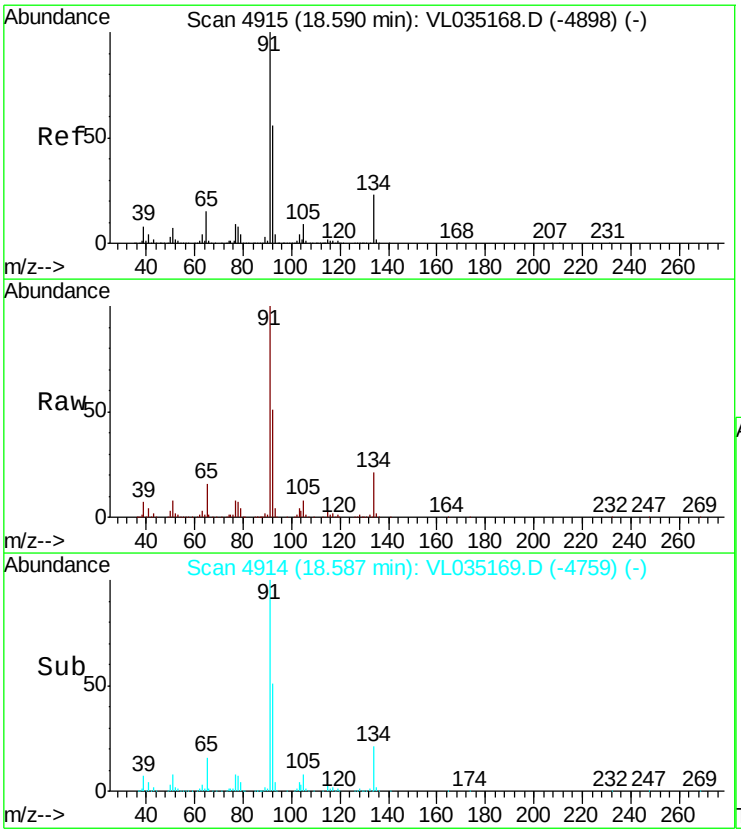
#69
p-Isopropyltoluene
Concen: 2.365 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1054321

Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.8	31.2
91	31.9	24.9	37.3

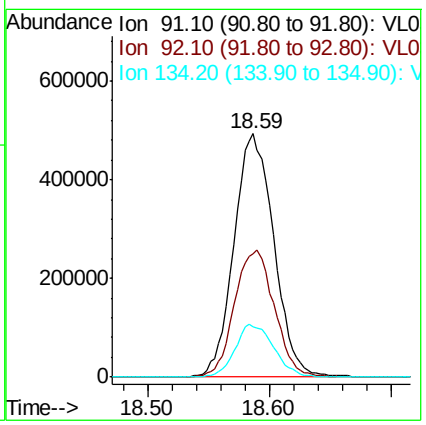


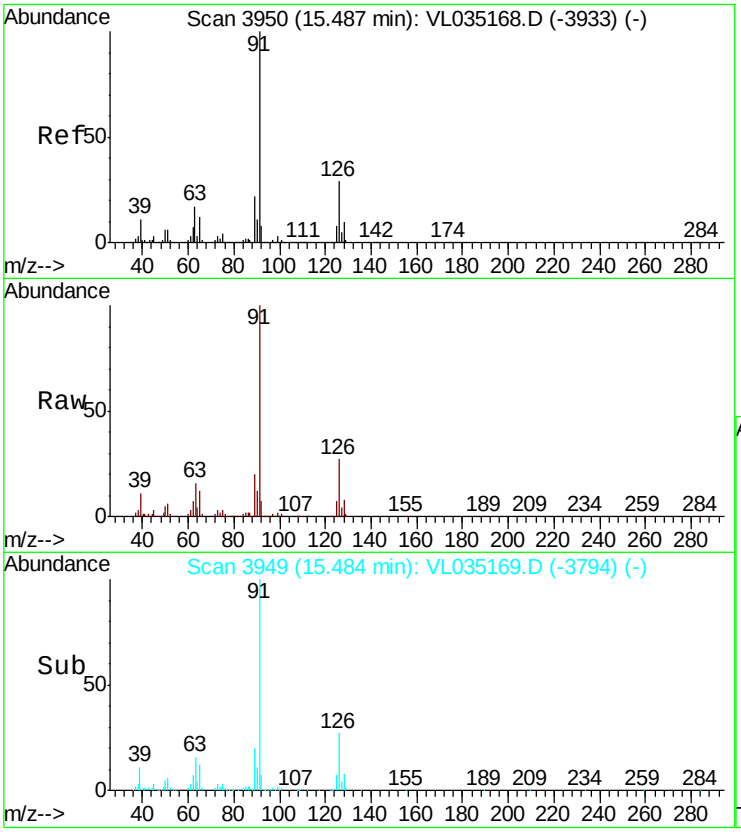


#70
n-Butylbenzene
Concen: 2.308 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion: 91 Resp: 1110284

Ion	Ratio	Lower	Upper
91	100		
92	52.6	44.0	66.0
134	21.2	18.0	27.0



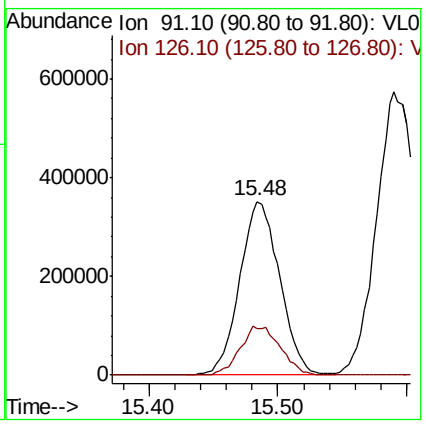


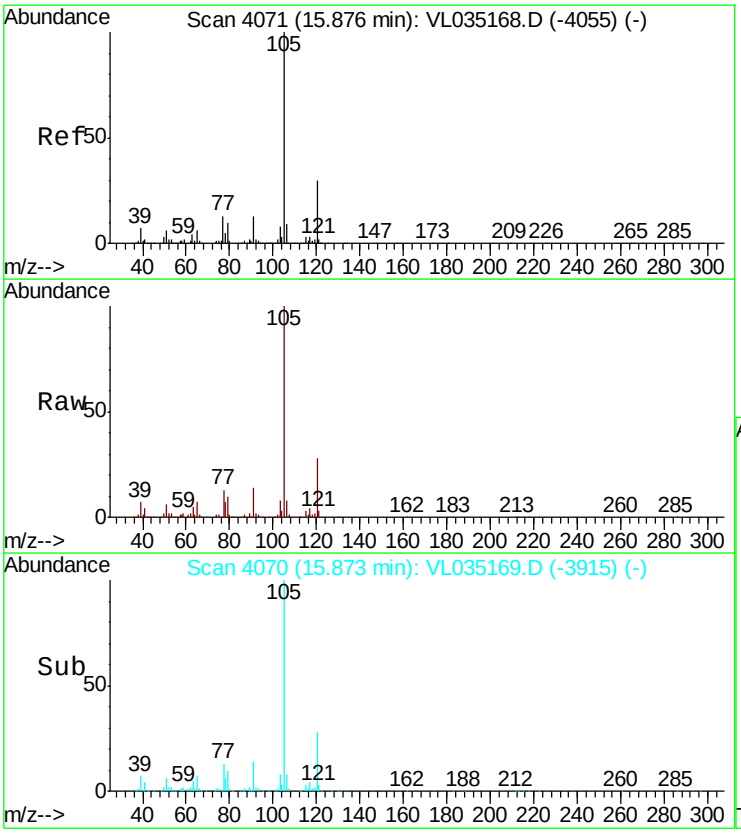
#71
2-Chlorotoluene
Concen: 2.221 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 758076

Ion	Ratio	Lower	Upper
91	100		
126	28.5	12.0	48.0

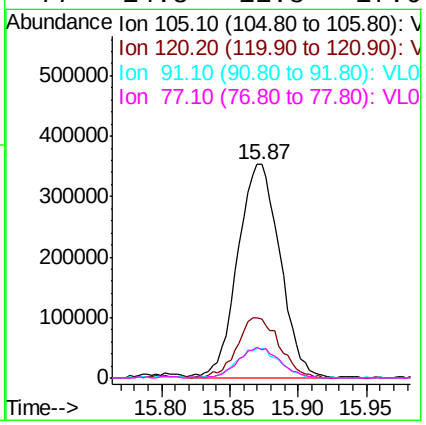


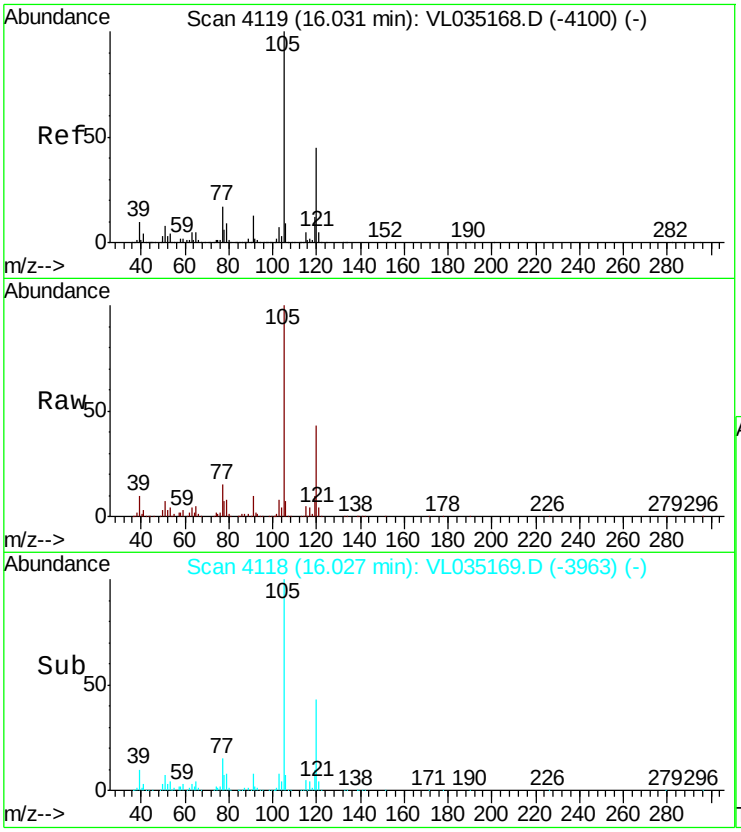


#72
4-Ethyltoluene
Concen: 2.246 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:105 Resp: 758559

Ion	Ratio	Lower	Upper
105	100		
120	28.2	23.2	34.8
91	14.4	10.9	16.3
77	14.8	11.8	17.6



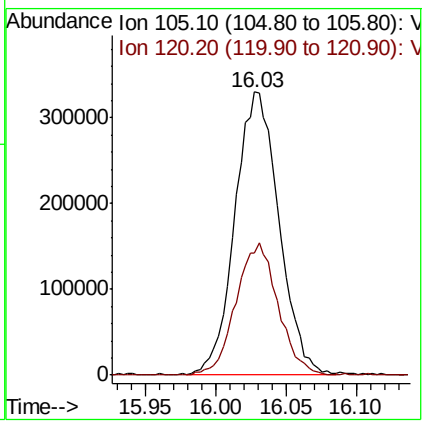


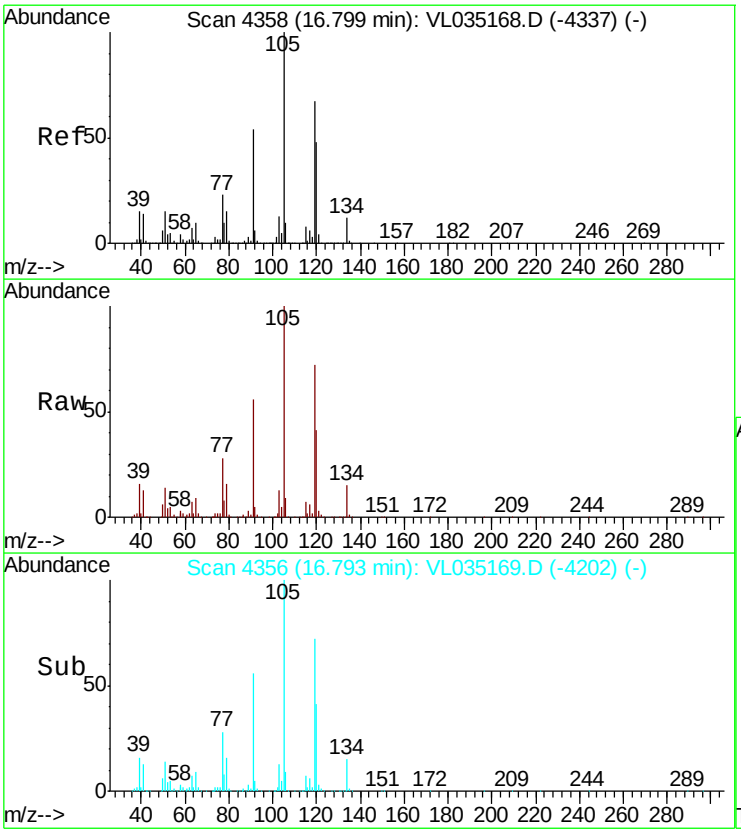
#73
1,3,5-Trimethylbenzene
Concen: 2.257 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 723014

Ion	Ratio	Lower	Upper
105	100		
120	43.0	36.2	54.2

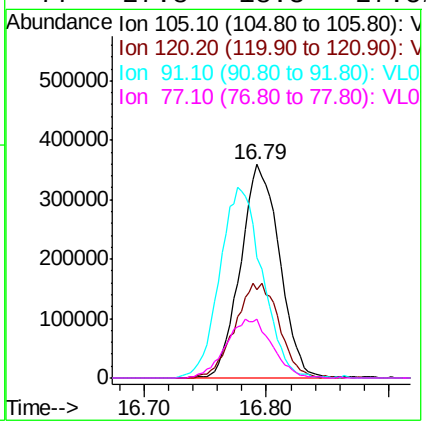


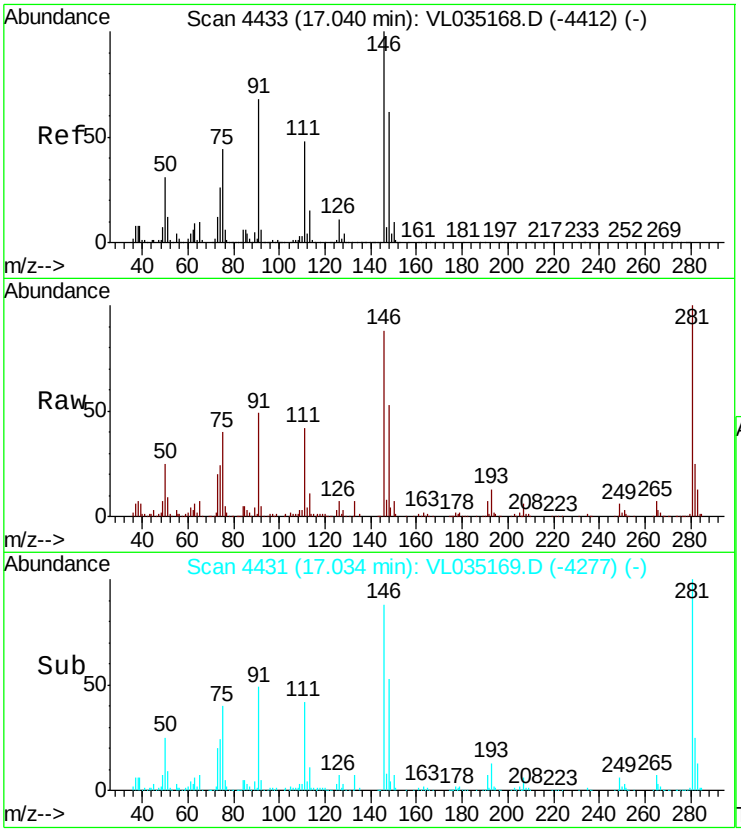


#74
1,2,4-Trimethylbenzene
Concen: 2.211 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:105 Resp: 792287

Ion	Ratio	Lower	Upper
105	100		
120	41.1	38.6	57.8
91	55.7	43.6	65.4
77	27.8	18.3	27.5#



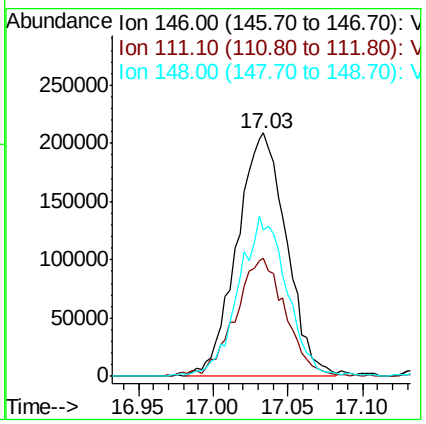


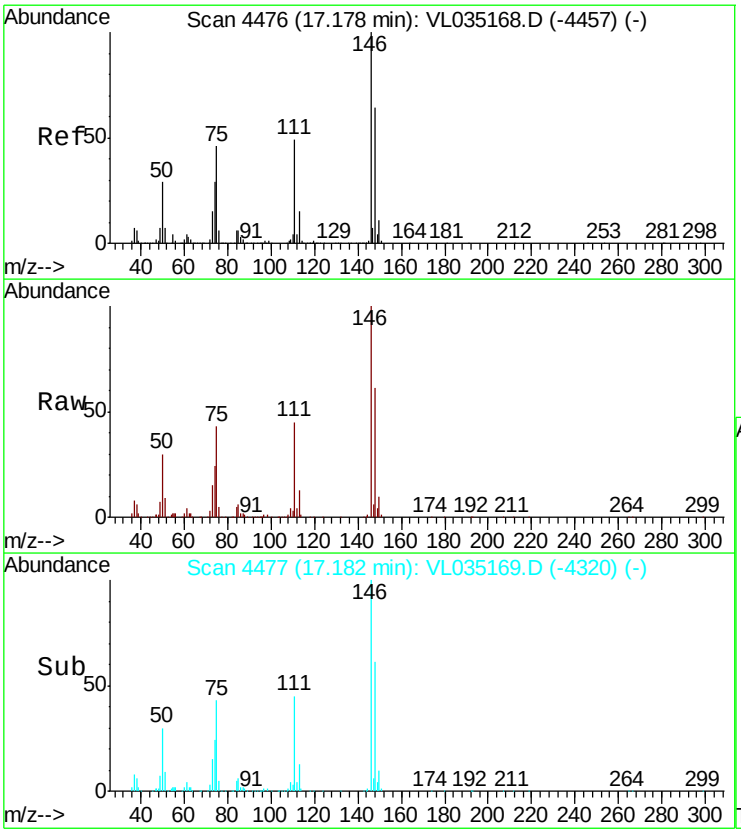
#75
1,3-Dichlorobenzene
Concen: 2.253 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. -0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 480416

Ion	Ratio	Lower	Upper
146	100		
111	49.6	24.7	74.1
148	64.6	32.4	97.0

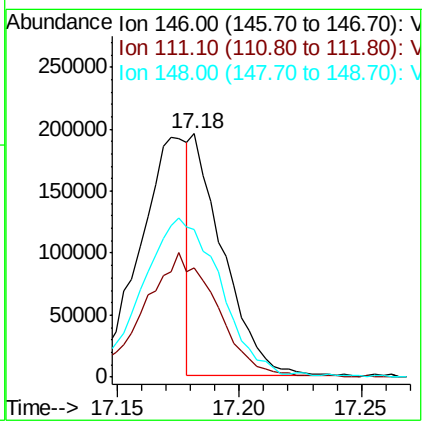


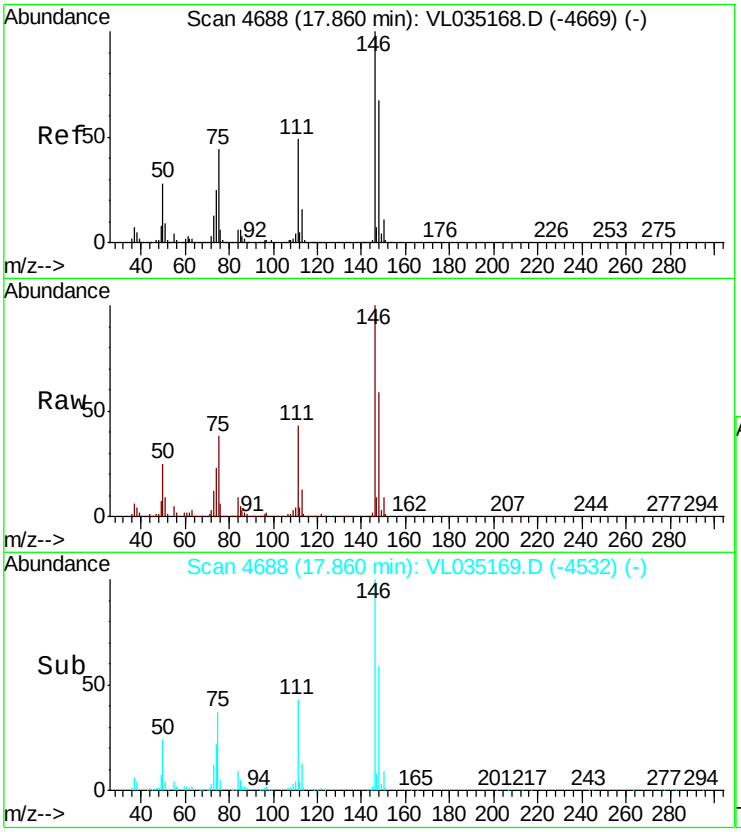


#76
1,4-Dichlorobenzene
Concen: 0.860 ppbv
RT: 17.18 min Scan# 4477
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:146 Resp: 176026

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.8	71.2#
148	0.0	32.3	96.9#



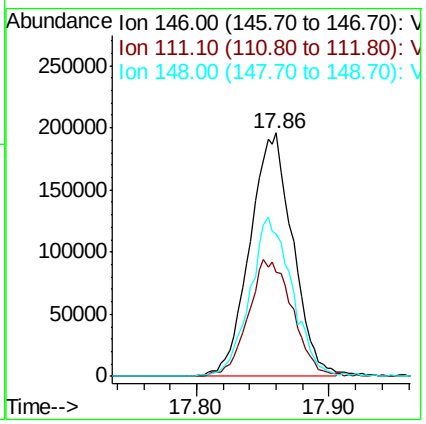


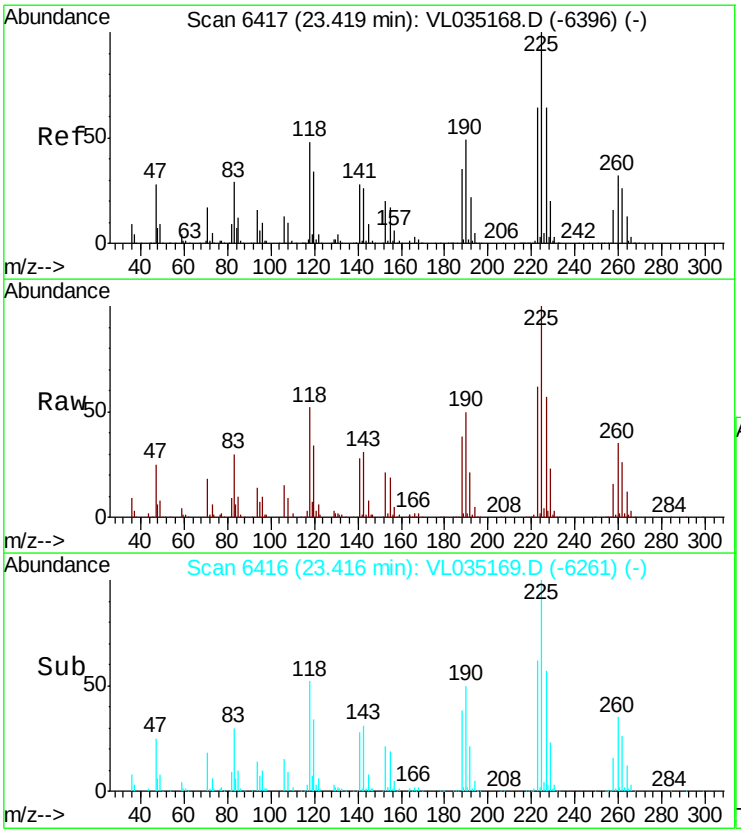
#77
1,2-Dichlorobenzene
Concen: 2.244 ppbv
RT: 17.86 min Scan# 4688
Delta R.T. 0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 440720

Ion	Ratio	Lower	Upper
146	100		
111	49.7	25.1	75.2
148	64.5	32.4	97.0

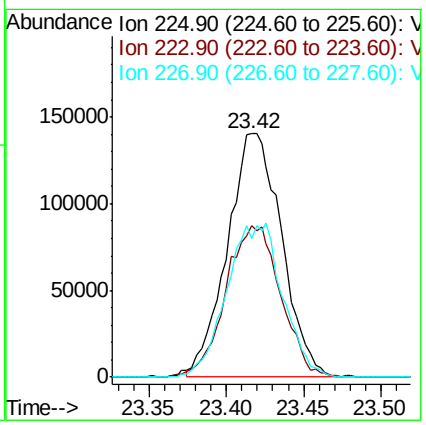


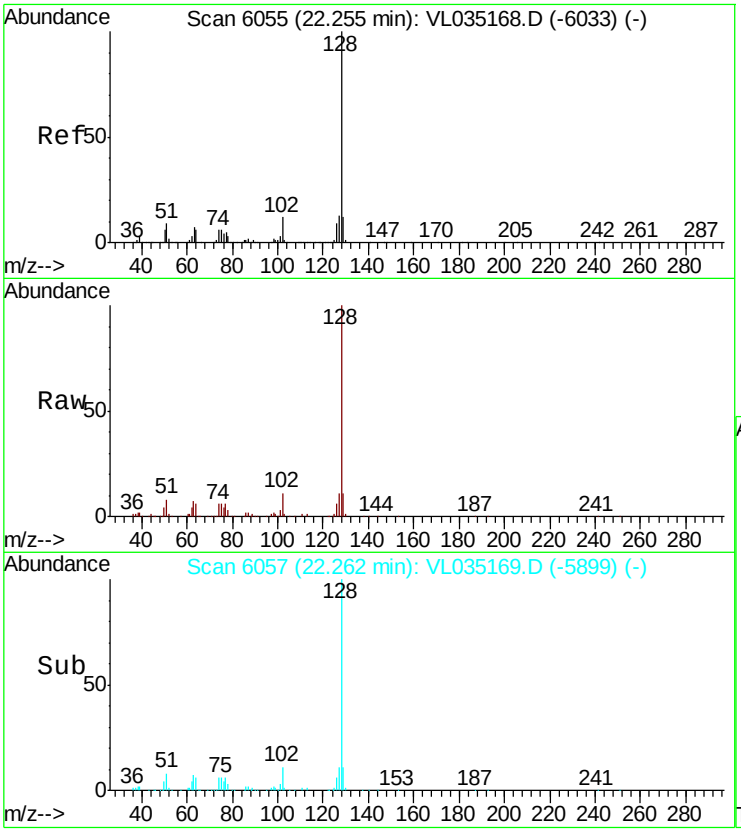


#78
Hexachloro-1,3-Butadiene
Concen: 1.979 ppbv
RT: 23.42 min Scan# 6416
Delta R.T. -0.00 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:225 Resp: 342069

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	65.1	51.2	76.8



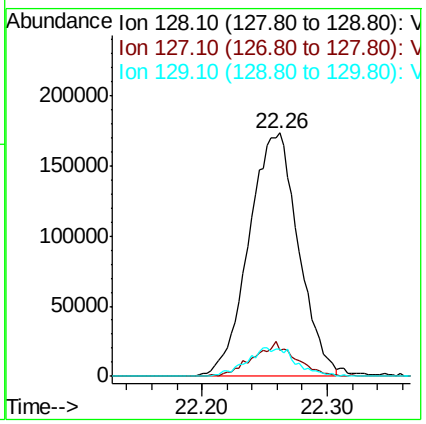


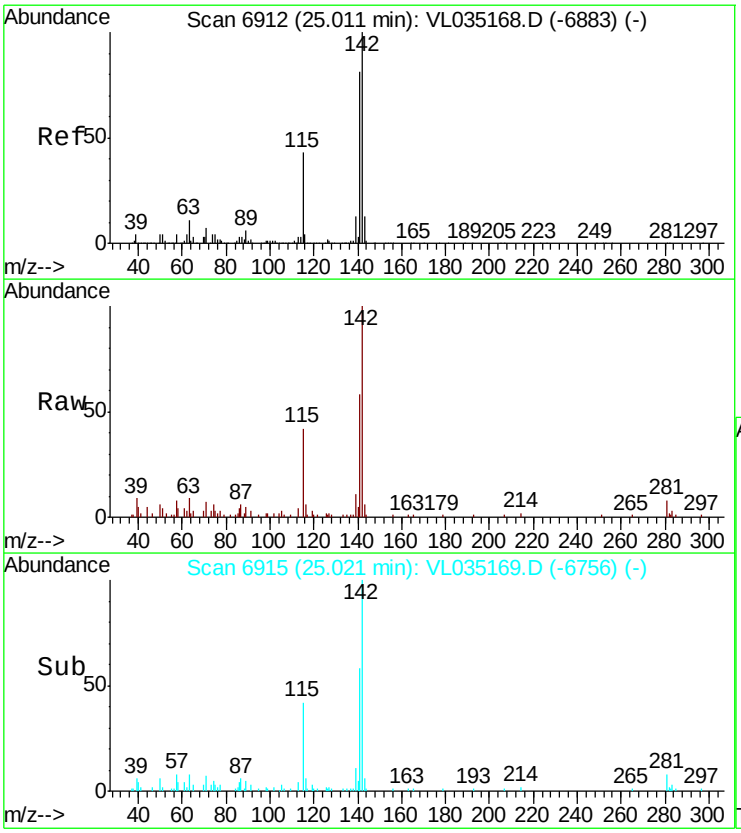
#79
Naphthalene
Concen: 1.564 ppbv
RT: 22.26 min Scan# 6057
Delta R.T. 0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 477170

Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.8	16.2#
129	11.0	9.4	14.2

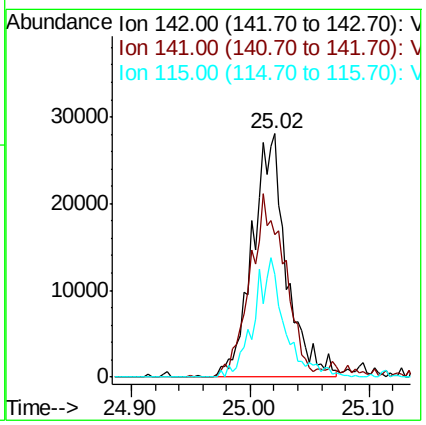


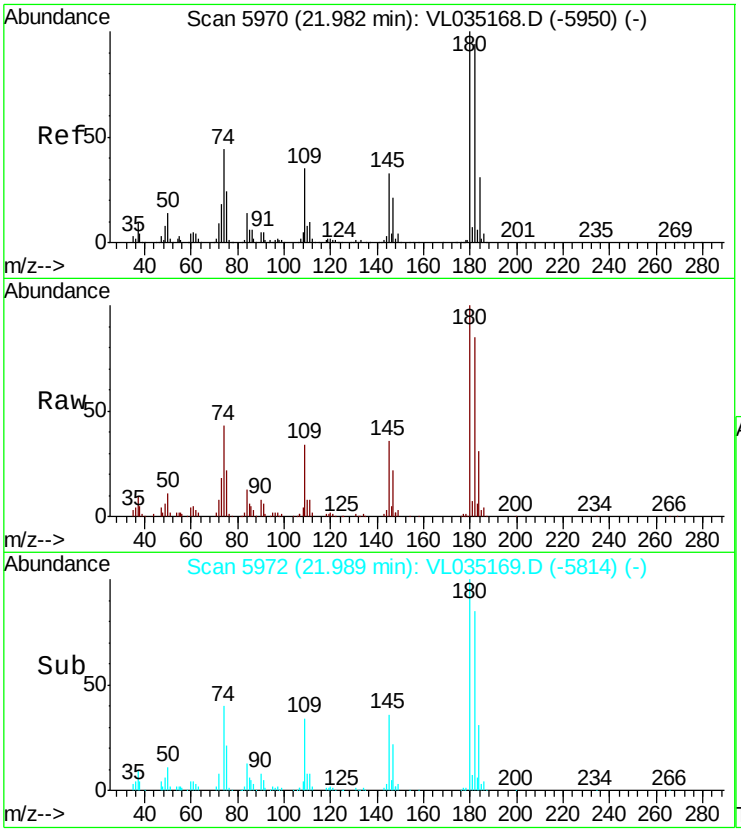


#80
Naphthalene,2-methyl-
Concen: 0.498 ppbv
RT: 25.02 min Scan# 6915
Delta R.T. 0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Tgt Ion:142 Resp: 55255

Ion	Ratio	Lower	Upper
142	100		
141	78.0	68.2	102.4
115	44.1	34.4	51.6





#81
1,2,4-Trichlorobenzene
Concen: 0.983 ppbv
RT: 21.99 min Scan# 5972
Delta R.T. 0.01 min
Lab File: VL035169.D
Acq: 8 Jul 2020 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 174379

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.7	115.1#
184	53.7	25.0	37.6#