Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

Quantitation Report (Not Reviewed)

Data File : VL036047.D
Acq On : 3 Dec 2020 10:29
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Dec 03 12:01:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 03 12:00:21 2020
QLast Update : Thu Dec 03 12:00:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1241701	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	4412156	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	4270912	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	3179453	10.48	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	404420	1.730	ppbv		96
3) Chlorodifluoromethane	2.97	51	305557	2.055	ppbv		99
4) Chloromethane	3.12	50	151401	2.096	ppbv		95
5) Vinyl Chloride	3.24	62	179009	1.944	ppbv		98
6) Bromomethane	3.46	94	148638	2.007	ppbv		98
7) Chloroethane	3.54	64	69481	2.144	ppbv		94
8) Dichlorotetrafluoroethane	3.17	85	530977	1.985	ppbv		98
9) Propene	3.00	41	106635	1.959	ppbv		99
10) Heptane	8.10	43	298803	1.988	ppbv		99
11) Trichlorofluoromethane	3.93	101	603985	2.058	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	450994	2.064	ppbv		99
13) Ethanol	3.59	45	10347	0.876	ppbv	#	35
14) Bromoethene	3.72	108	185189	1.841	ppbv		97
15) Acetone	3.84	43	283322	2.134	ppbv	#	87
16) 1,3-Butadiene	3.31	39	112533	1.969	ppbv		98
17) tert-Butyl alcohol	4.28	59	239961	1.364	ppbv		100
18) 1,1-Dichloroethene	4.27	96	198661	1.980	ppbv		96
19) Isopropyl Alcohol	3.95	45	111880	1.371	ppbv	#	93
20) Methylene Chloride	4.33	84	243164	2.602	ppbv		97
21) Allyl Chloride	4.39	41	135681	1.890	ppbv		98
22) trans-1,2-Dichloroethene	4.87	96	194856	1.915	ppbv		96
23) Vinyl Acetate	5.06	43	307647	1.653	ppbv		98
24) 1,1-Dichloroethane	4.99	63	356696	2.012	ppbv		100
25) Ethyl Acetate	5.66	43	544613	2.083	ppbv		99
26) Hexane	5.67	57	302851	2.100	ppbv		97
27) Carbon Disulfide	4.53	76	410398	1.899	ppbv		98
28) Methyl tert-Butyl Ether	5.02	73	439812	1.698	ppbv		100
29) Chloroform	5.73	83	537919	1.898	ppbv		98
30) Cyclohexane	7.11	84	258354	1.645	ppbv	#	84
31) cis-1,2-Dichloroethene	5.53	61	258382	1.741	ppbv		96
32) 1,1,1-Trichloroethane	6.49	97	476390	1.610	ppbv		98
34) 2-Butanone	5.23	43	310787	2.170	ppbv		97
35) Carbon Tetrachloride	7.00	117	469296	1.991	ppbv		99
36) Benzene	6.87	78	651861	1.987	ppbv		98
37) 1,2-Dichloroethane	6.29	62	323269	2.175	ppbv		100
38) Trichloroethene	7.82	130	282046	1.760	ppbv		99
39) 1,2-Dichloropropane	7.60	63	241759	2.189	ppbv		95
40) 1,4-Dioxane	7.83	88	67996	1.299	ppbv	#	28
41) Tetrahydrofuran	6.04	42	151540	1.863	ppbv		94
42) Bromodichloromethane	7.77	83	508392	2.028	ppbv		97
43) Methyl Methacrylate	8.00	69	234953	1.878	ppbv		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

Quantitation Report (Not Reviewed)

Data File : VL036047.D
Acq On : 3 Dec 2020 10:29
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Dec 03 12:01:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 03 12:00:21 2020
QLast Update : Thu Dec 03 12:00:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	997998	2.299	ppbv		99
45) t-1,3-Dichloropropene	9.26	75	196140	1.479	ppbv		95
46) cis-1,3-Dichloropropene	8.69	75	276879	1.648	ppbv		100
47) 1,1,2-Trichloroethane	9.46	97	294479	1.957	ppbv		96
48) Dibromochloromethane	10.29	129	414867	1.805	ppbv		100
49) Bromoform	13.02	173	301593	1.555	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	497463	2.272	ppbv		98
51) 2-Hexanone	10.13	43	347928	1.978	ppbv	#	97
52) Tetrachloroethene	11.21	164	241023	1.551	ppbv		99
53) Toluene	9.79	91	724790	1.831	ppbv		97
54) 1,2-Dibromoethane	10.59	107	422771	1.847	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.11	131	355792	1.856	ppbv	#	1
57) Chlorobenzene	12.13	112	649261	1.912	ppbv		98
58) Ethyl Benzene	12.70	91	940389	1.808	ppbv		94
59) m/p-Xylene	12.98	91	939474	2.135	ppbv	#	47
60) o-Xylene	13.68	91	850406	1.986	ppbv		99
61) Styrene	13.51	104	469247	1.496	ppbv		99
62) Isopropylbenzene	14.65	105	1270340	1.888	ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.66	83	636919	1.920	ppbv		100
64) n-propylbenzene	15.55	120	323942	1.666	ppbv		73
65) tert-Butylbenzene	16.73	119	1113194	1.818	ppbv		99
66) Benzyl Chloride	16.98	91	106639	0.527	ppbv	#	65
67) sec-Butylbenzene	17.28	105	1534244	1.859	ppbv		95
69) p-Isopropyltoluene	17.64	119	1153484	1.694	ppbv		97
70) n-Butylbenzene	18.54	91	1148845	1.751	ppbv		96
71) 2-Chlorotoluene	15.44	91	874827	1.777	ppbv		97
72) 4-Ethyltoluene	15.83	105	891743	1.717	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	828269	1.743	ppbv		97
74) 1,2,4-Trimethylbenzene	16.75	105	936394	1.839	ppbv	#	93
75) 1,3-Dichlorobenzene	16.99	146	532420	1.642	ppbv		100
76) 1,4-Dichlorobenzene	17.13	146	476617	1.524	ppbv		99
77) 1,2-Dichlorobenzene	17.81	146	480758	1.521	ppbv		99
78) Hexachloro-1,3-Butadiene	23.37	225	265052	1.798	ppbv		99
79) Naphthalene	22.19	128	360525	1.016	ppbv		99
80) Naphthalene,2-methyl-	24.99	142	22869	0.395	ppbv		90
81) 1,2,4-Trichlorobenzene	21.91	180	106172	0.535	ppbv	#	11

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

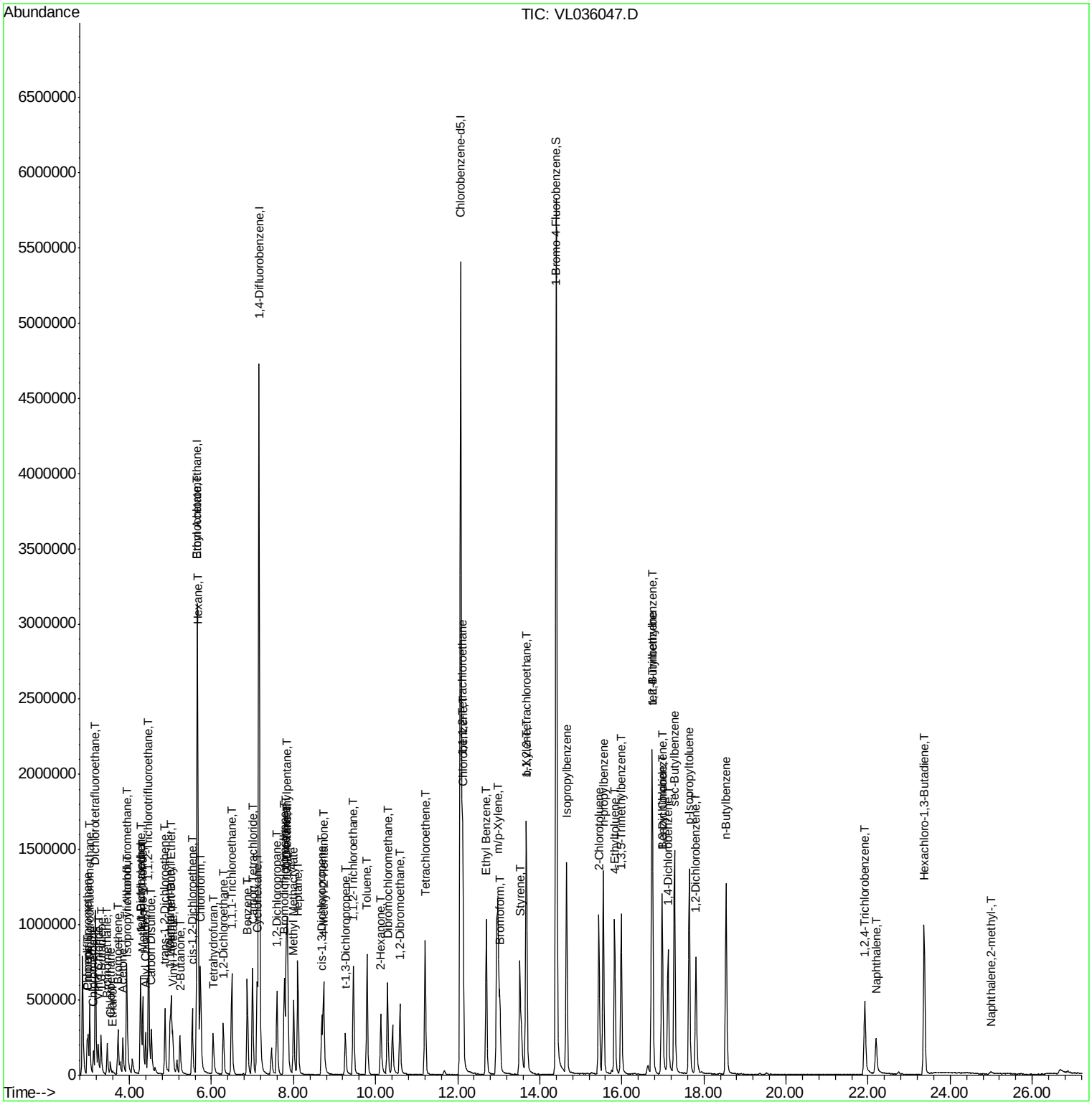
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120320\

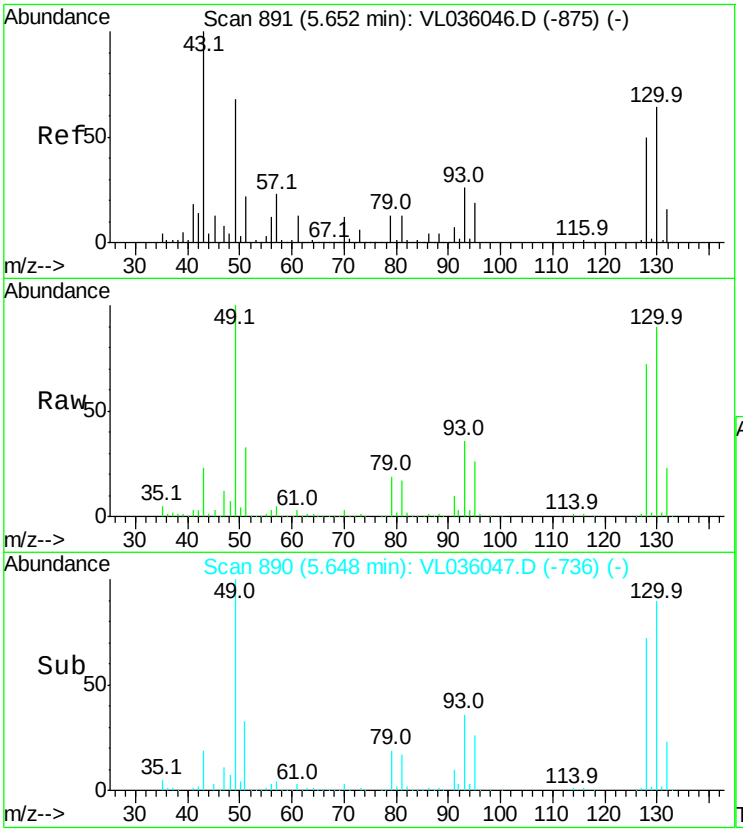
Quantitation Report (Not Reviewed)

Data File : VL036047.D
Acq On : 3 Dec 2020 10:29
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Dec 03 12:01:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 03 12:00:21 2020
QLast Update : Thu Dec 03 12:00:21 2020
Response via : Initial Calibration



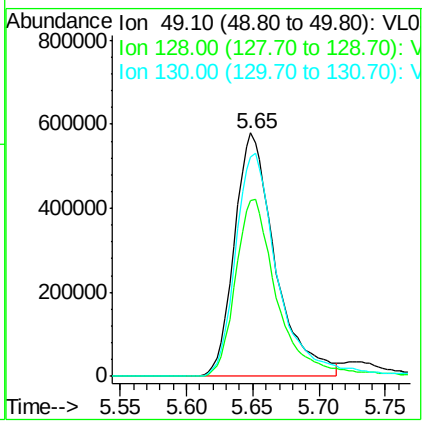


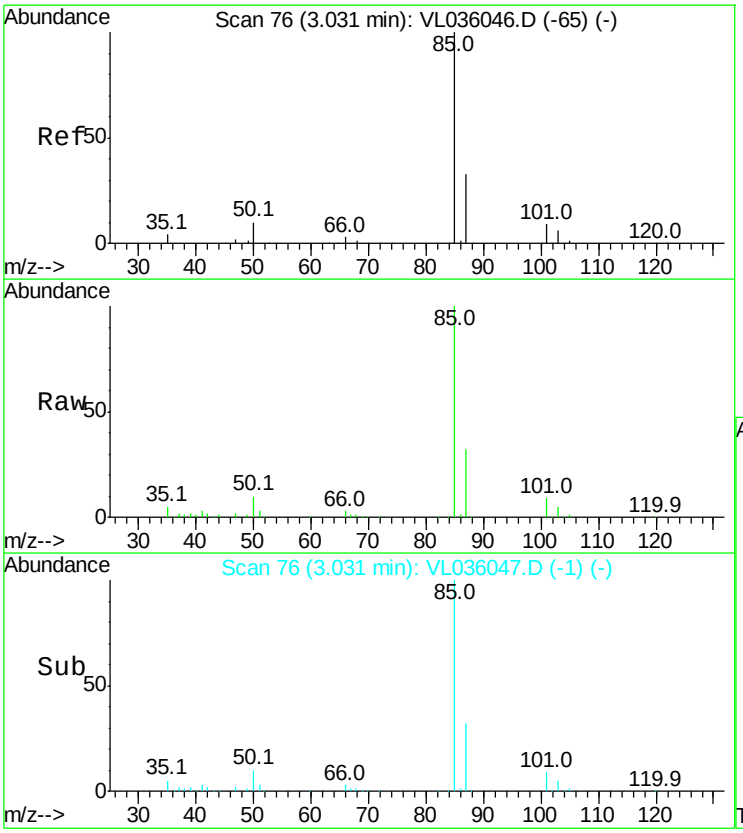
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1241701

Ion	Ratio	Lower	Upper
49	100		
128	75.4	38.3	114.8
130	97.5	49.1	147.4

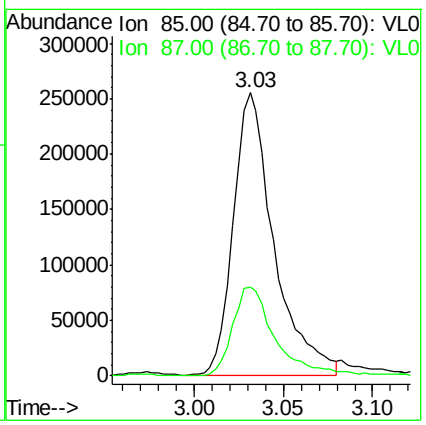


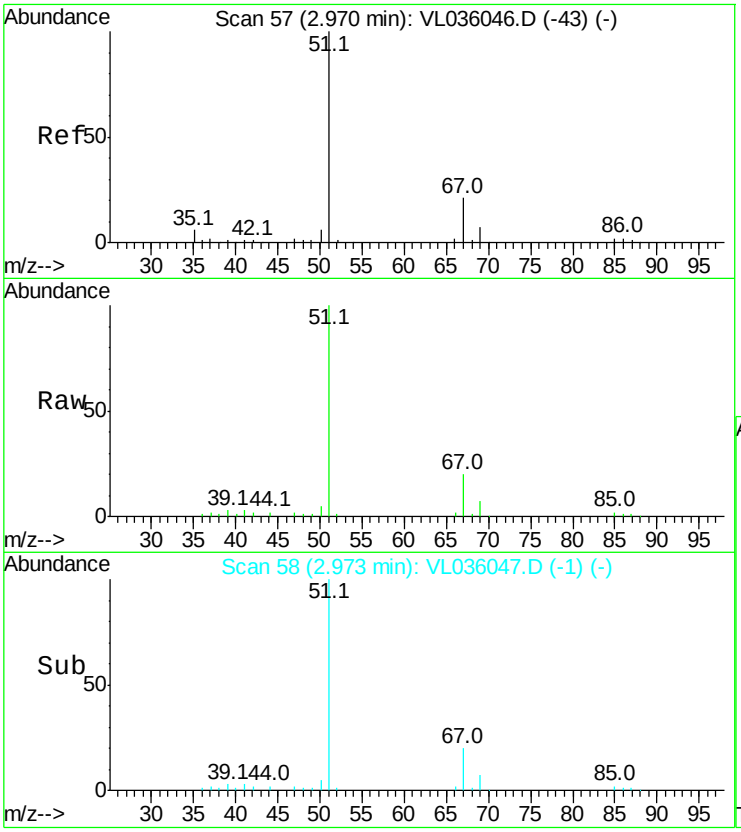


#2
Dichlorodifluoromethane
Concen: 1.730 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 85 Resp: 404420

Ion	Ratio	Lower	Upper
85	100		
87	31.4	26.8	40.2



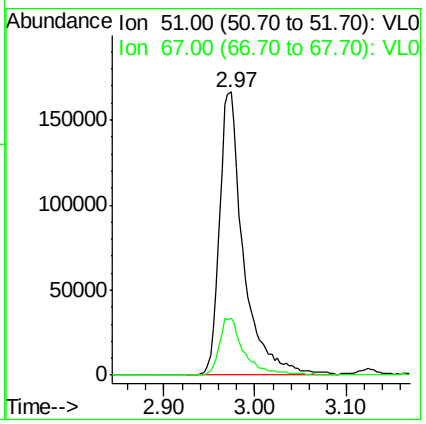


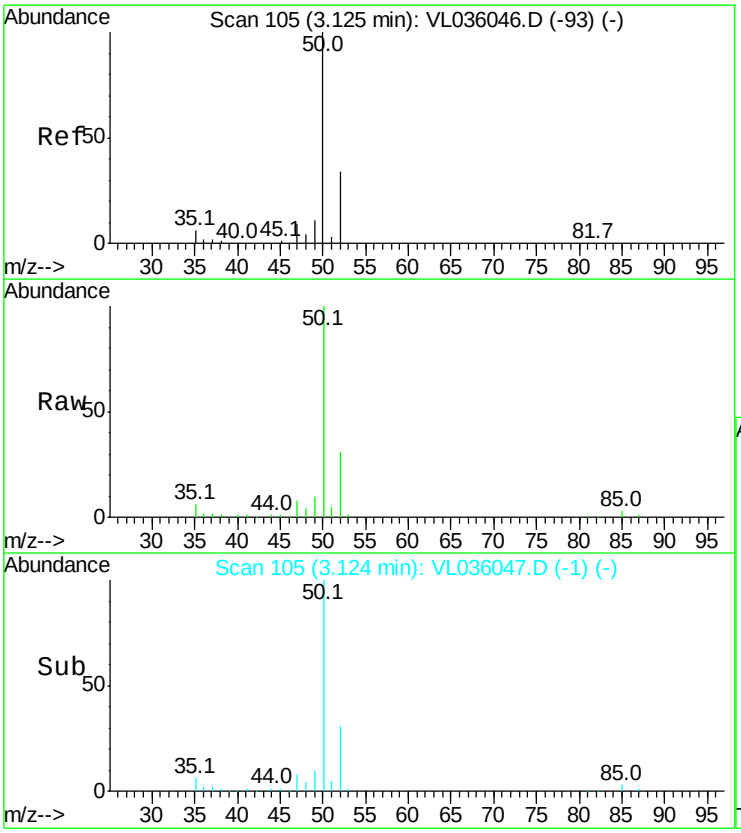
#3
Chlorodifluoromethane
Concen: 2.055 ppbv
RT: 2.97 min Scan# 58
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 305557

Ion	Ratio	Lower	Upper
51	100		
67	20.7	16.9	25.3

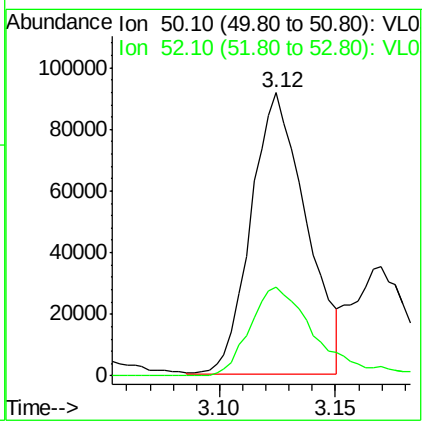


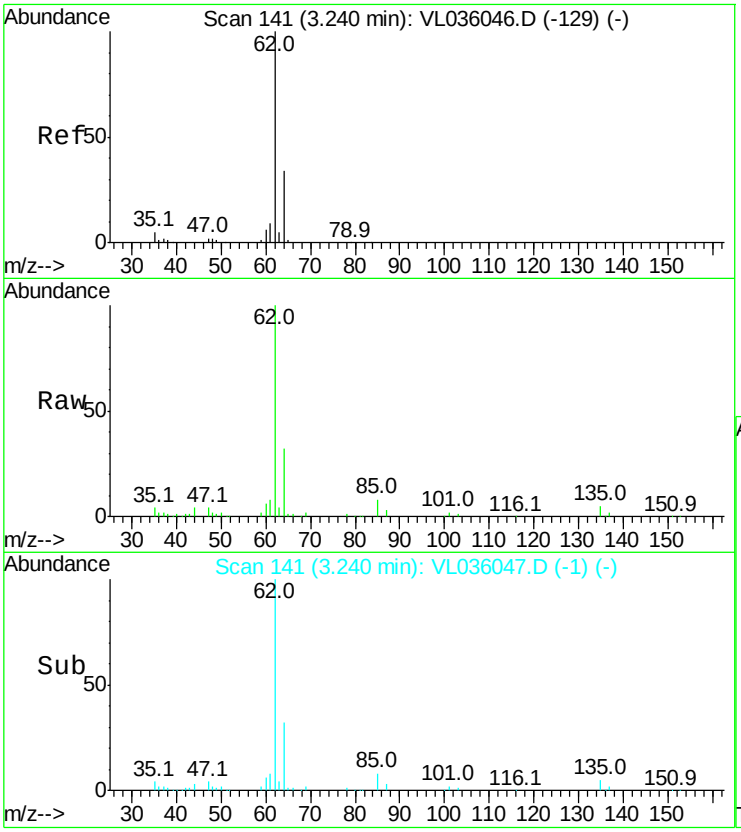


#4
Chloromethane
Concen: 2.096 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 50 Resp: 151401

Ion	Ratio	Lower	Upper
50	100		
52	31.5	27.6	41.4



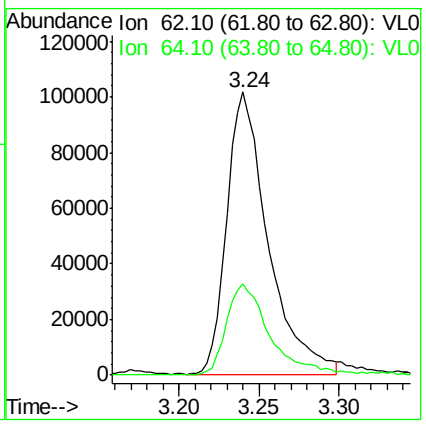


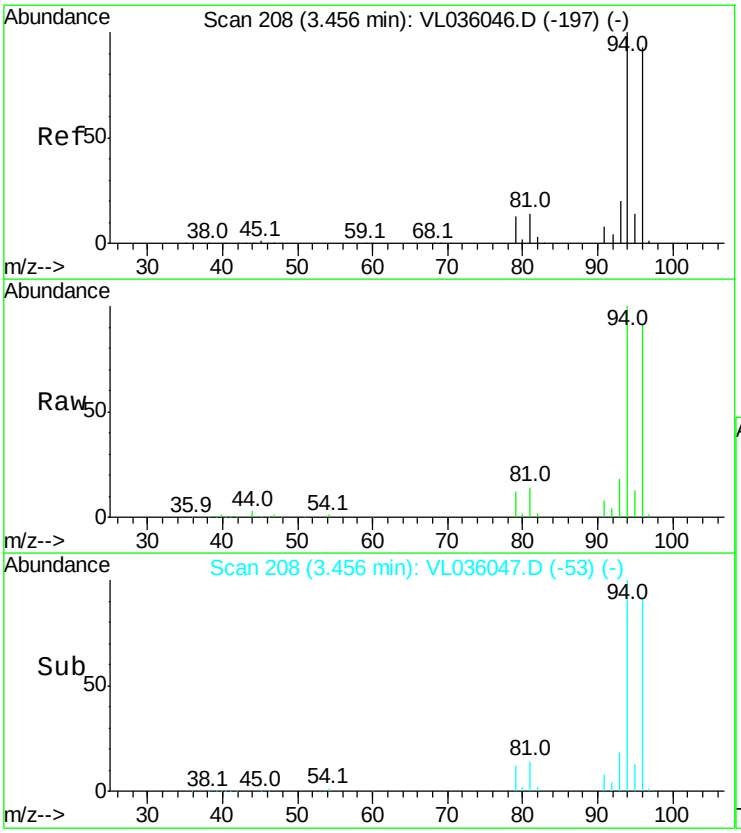
#5
Vinyl Chloride
Concen: 1.944 ppbv
RT: 3.24 min Scan# 141
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 179009

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.8	40.2

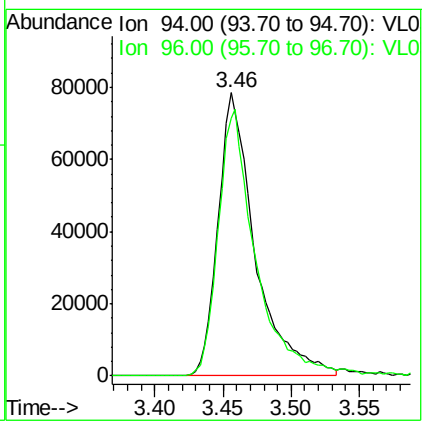


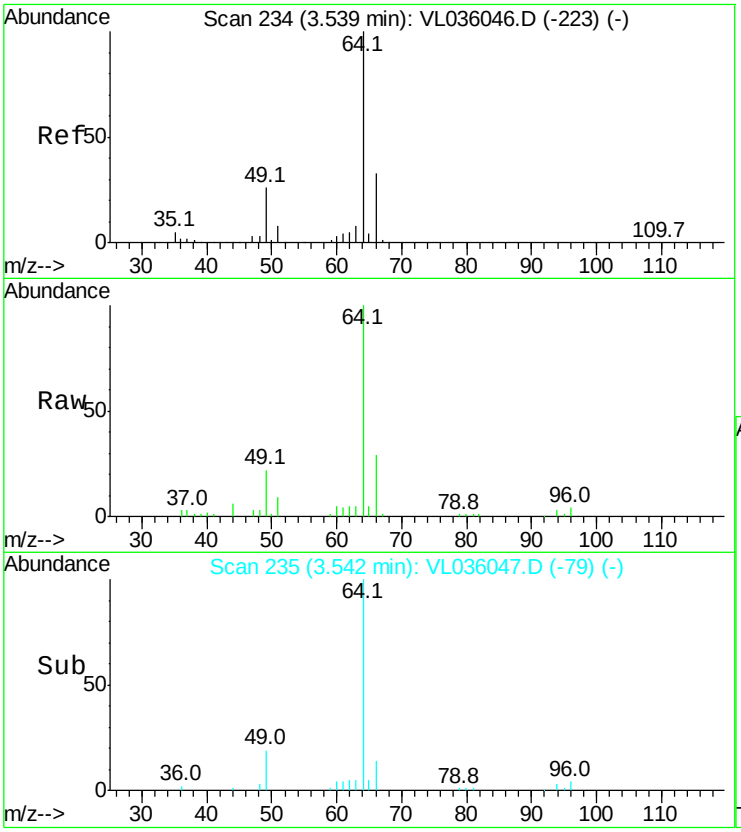


#6
Bromomethane
Concen: 2.007 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 94 Resp: 148638

Ion	Ratio	Lower	Upper
94	100		
96	91.2	74.8	112.2



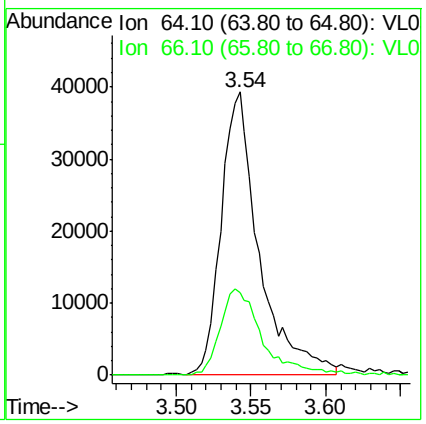


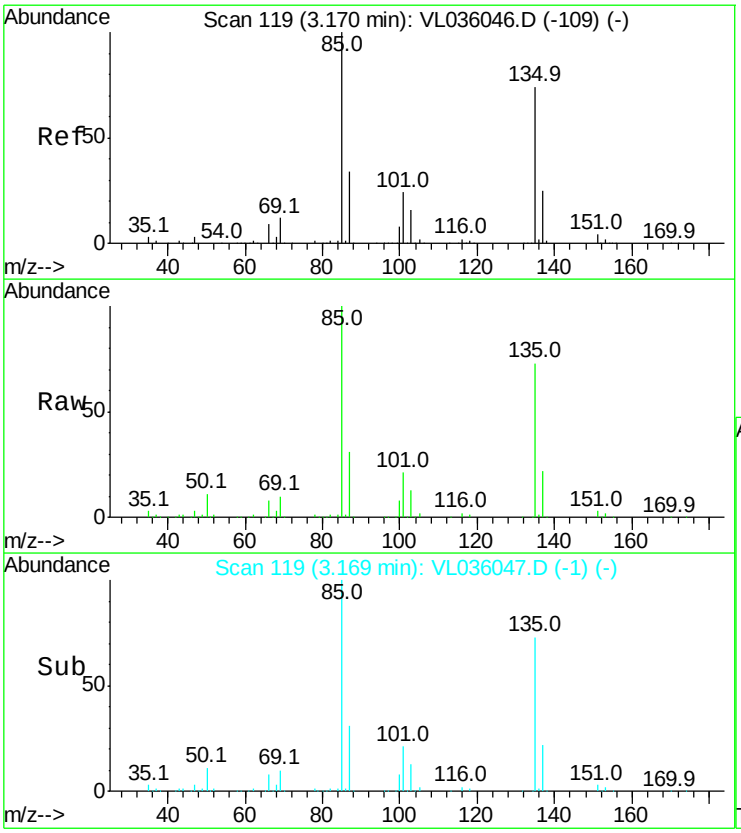
#7
Chloroethane
Concen: 2.144 ppbv
RT: 3.54 min Scan# 235
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 64 Resp: 69481

Ion	Ratio	Lower	Upper
64	100		
66	29.2	26.1	39.1

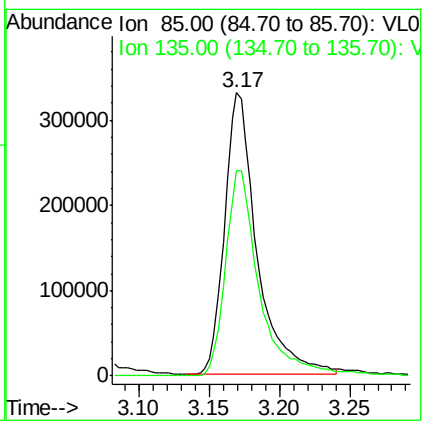


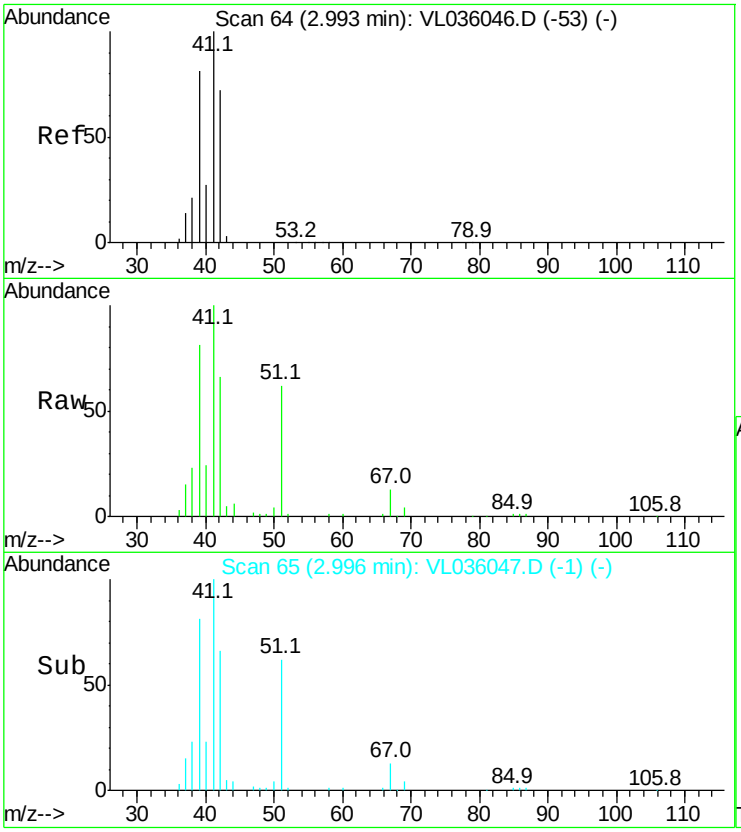


#8
Dichlorotetrafluoroethane
Concen: 1.985 ppbv
RT: 3.17 min Scan# 119
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 85 Resp: 530977

Ion	Ratio	Lower	Upper
85	100		
135	77.0	60.2	90.2



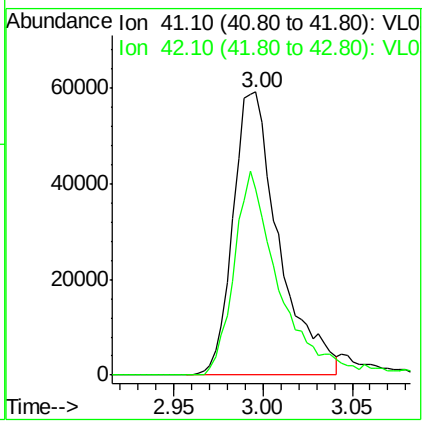


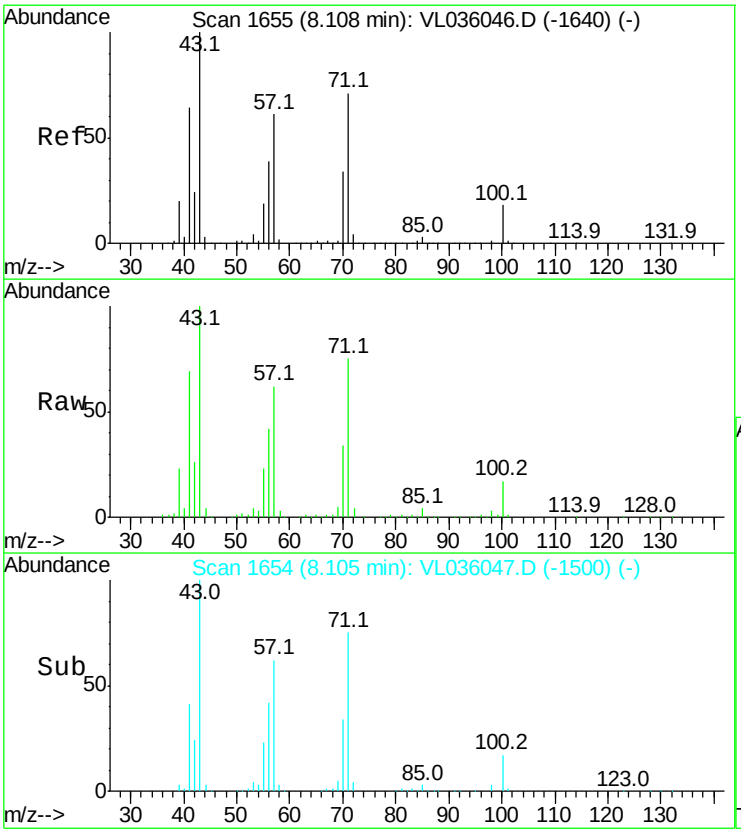
#9
Propene
Concen: 1.959 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 106635

Ion	Ratio	Lower	Upper
41	100		
42	72.1	56.9	85.3

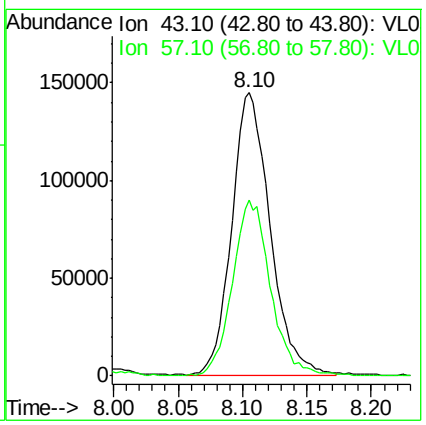


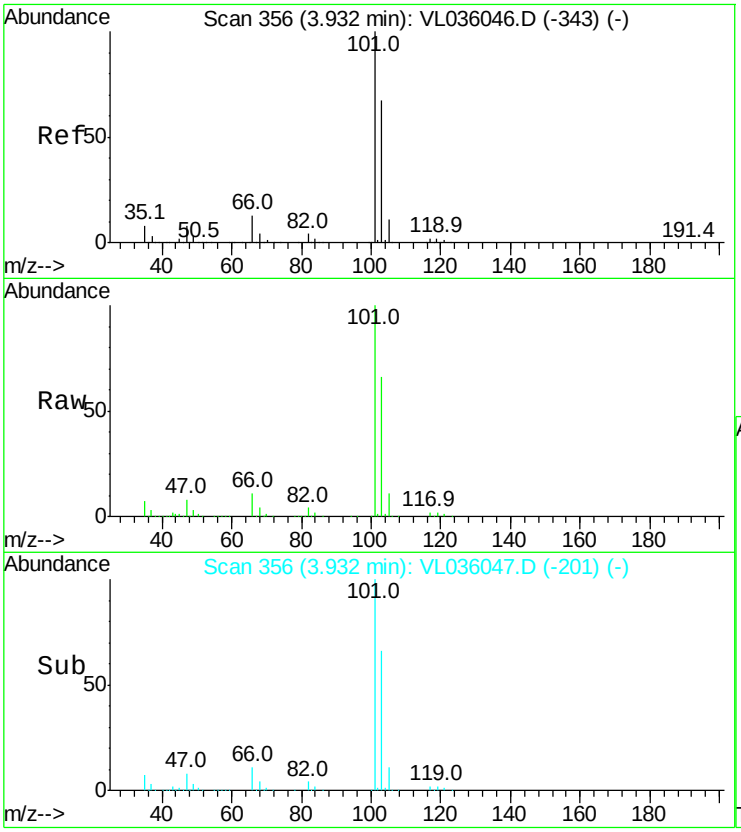


#10
Heptane
Concen: 1.988 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 43 Resp: 298803

Ion	Ratio	Lower	Upper
43	100		
57	62.1	49.2	73.8



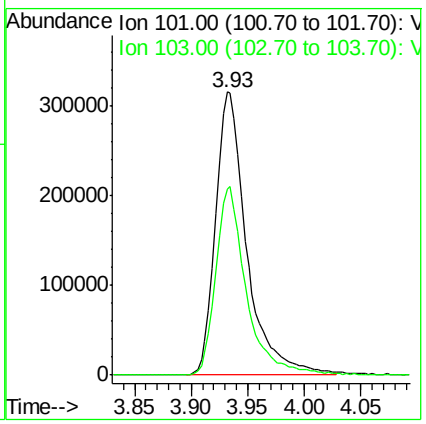


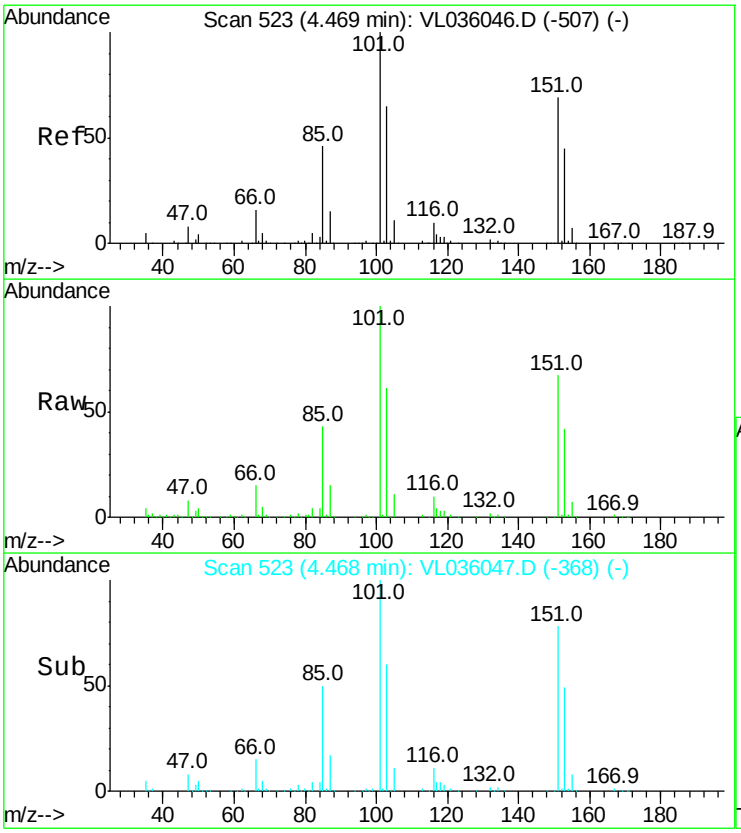
#11
Trichlorofluoromethane
Concen: 2.058 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 603985

Ion	Ratio	Lower	Upper
101	100		
103	65.6	53.2	79.8

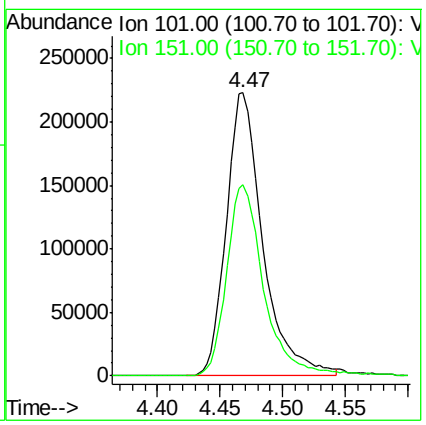


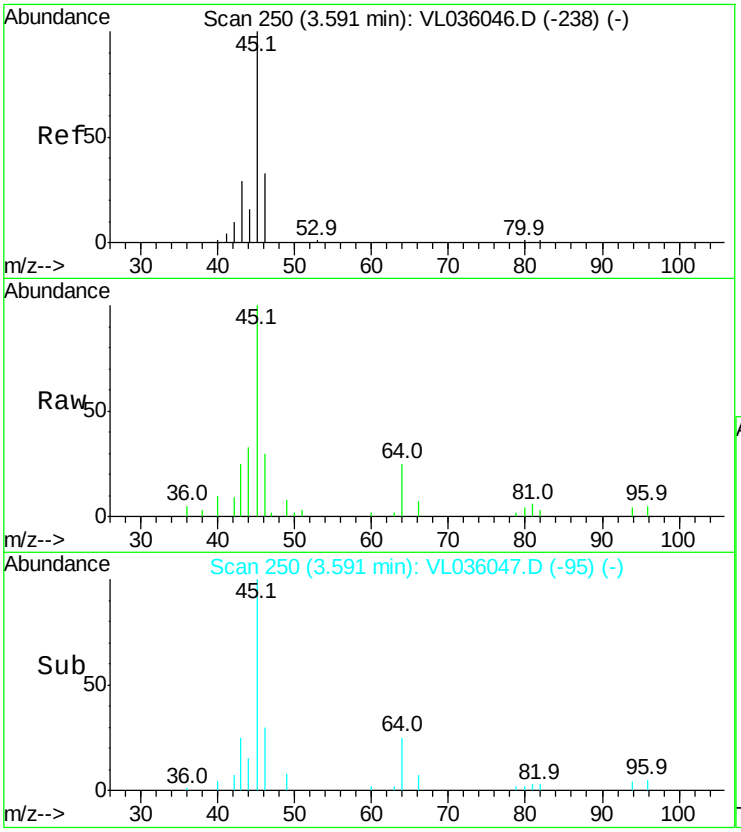


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.064 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:101 Resp: 450994

Ion	Ratio	Lower	Upper
101	100		
151	69.3	56.1	84.1



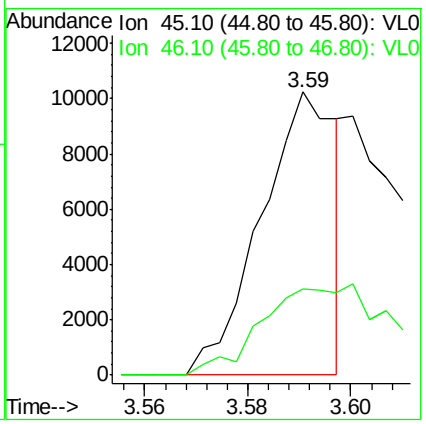


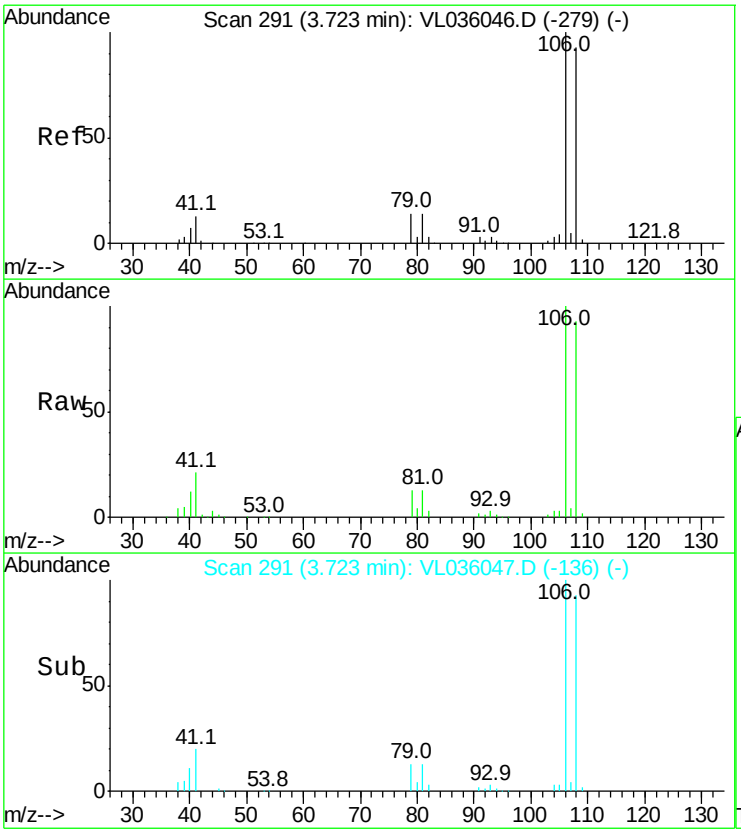
#13
Ethanol
Concen: 0.876 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 10347

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.0	64.2#

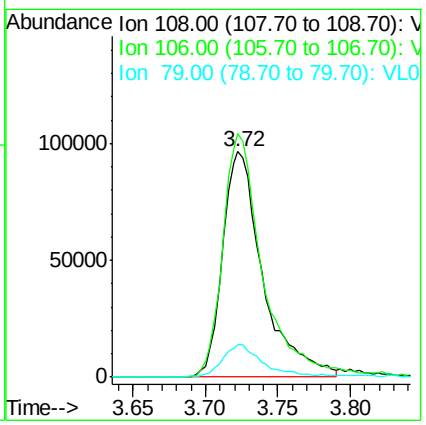


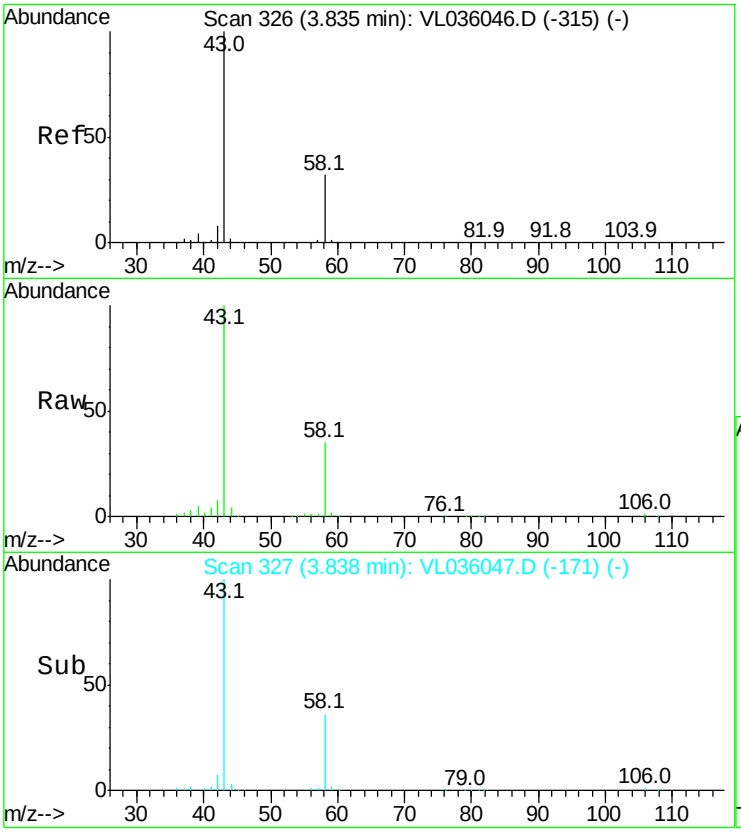


#14
Bromoethene
Concen: 1.841 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:108 Resp: 185189

Ion	Ratio	Lower	Upper
108	100		
106	109.3	85.0	127.4
79	14.5	11.9	17.9



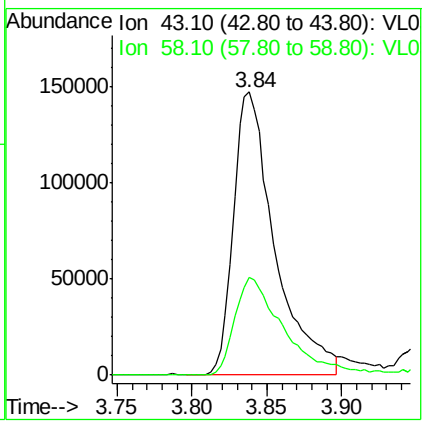


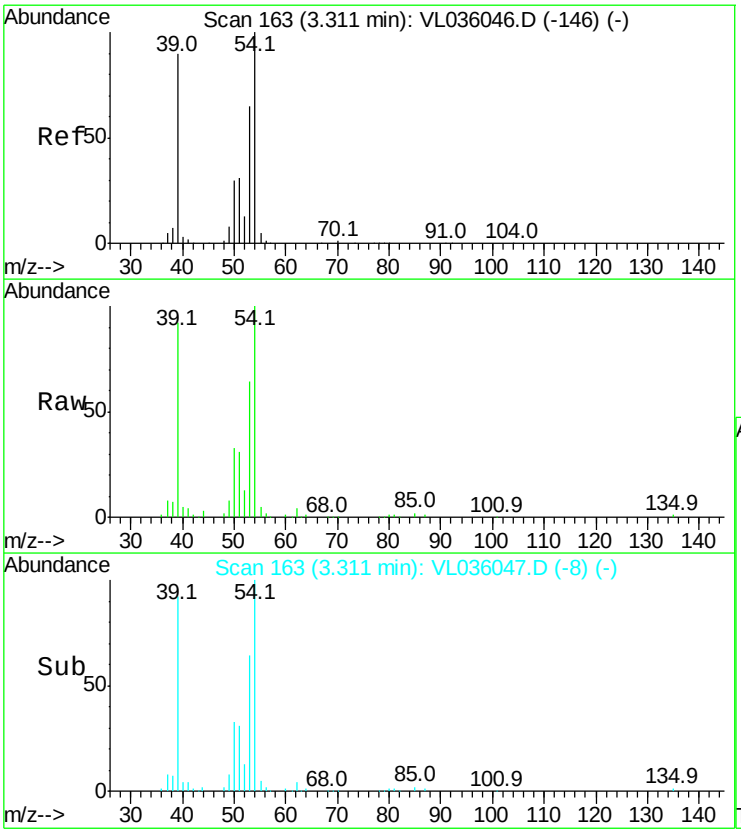
#15
Acetone
Concen: 2.134 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 283322

Ion	Ratio	Lower	Upper
43	100		
58	41.2	27.0	40.6#

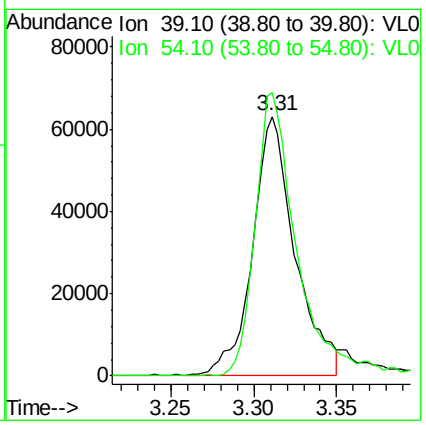


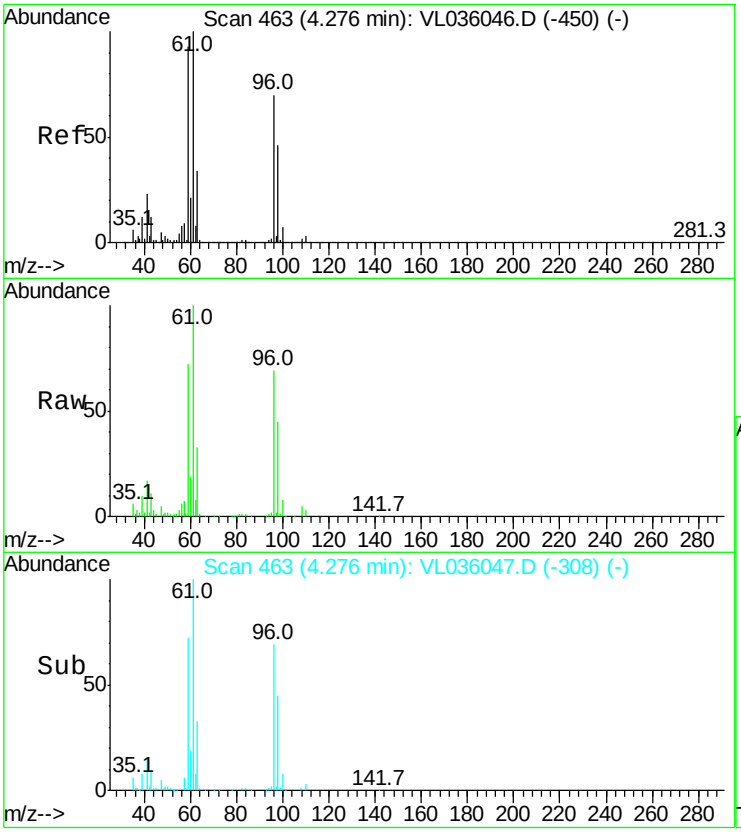


#16
1,3-Butadiene
Concen: 1.969 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 39 Resp: 112533

Ion	Ratio	Lower	Upper
39	100		
54	109.5	86.1	129.1



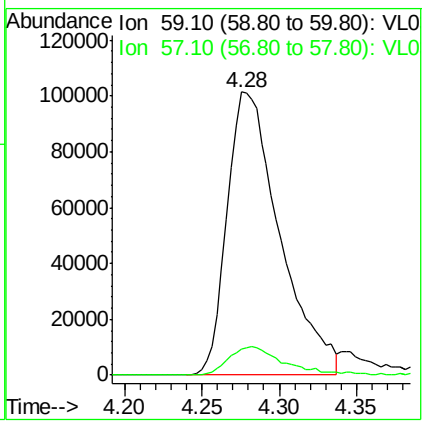


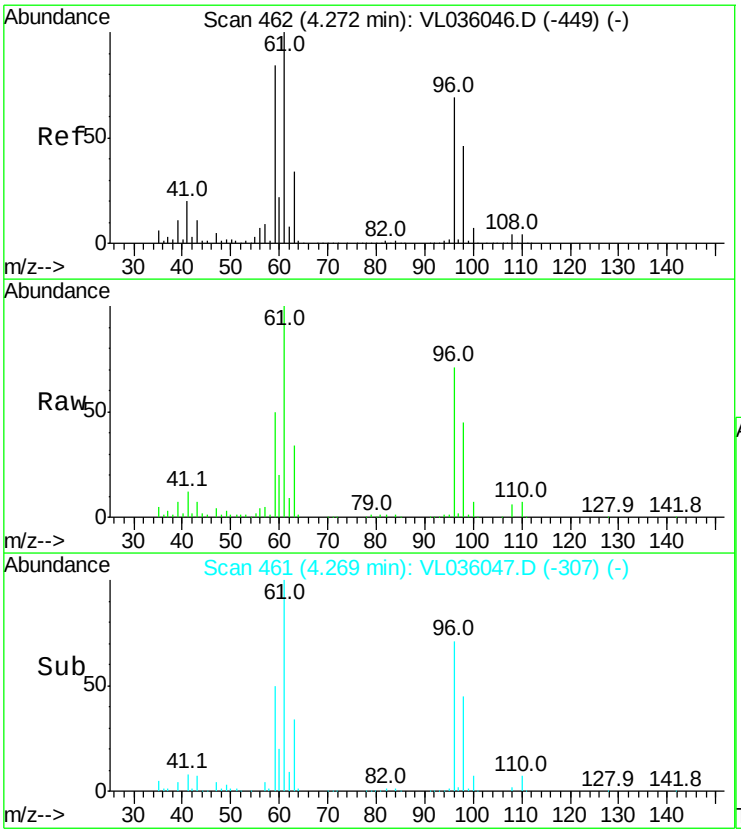
#17
tert-Butyl alcohol
Concen: 1.364 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 239961

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

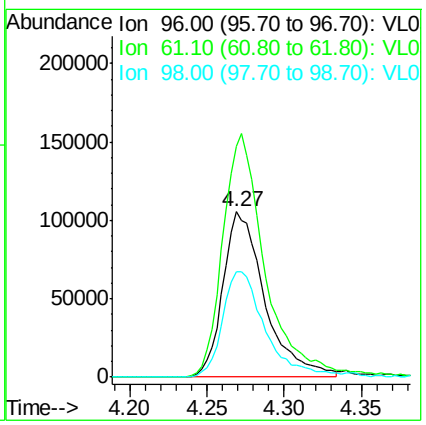


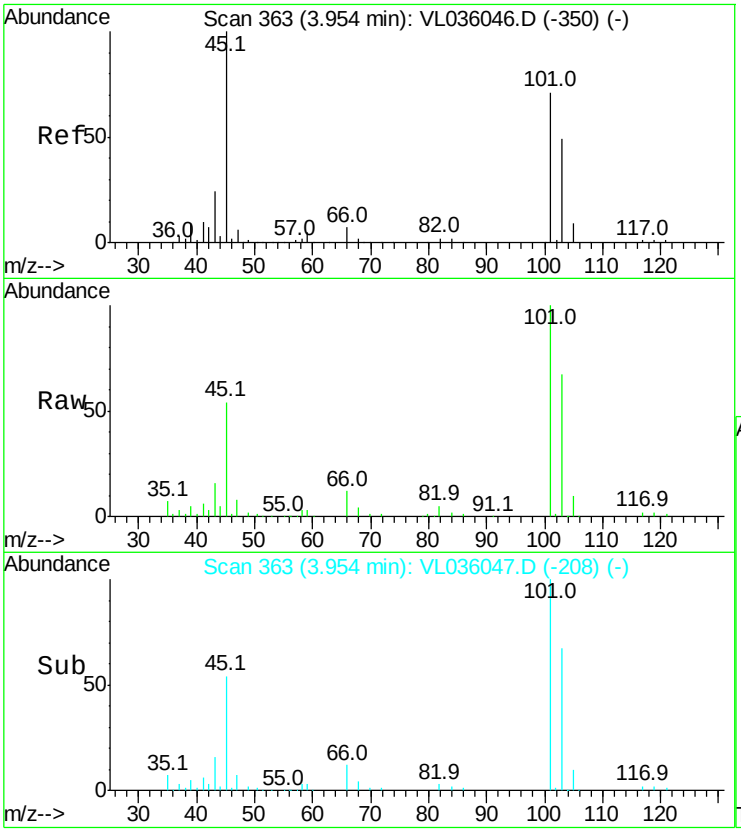


#18
1,1-Dichloroethene
Concen: 1.980 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 96 Resp: 198661

Ion	Ratio	Lower	Upper
96	100		
61	140.1	115.8	173.6
98	63.4	53.1	79.7



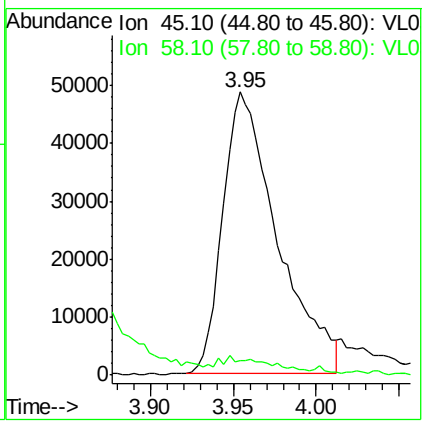


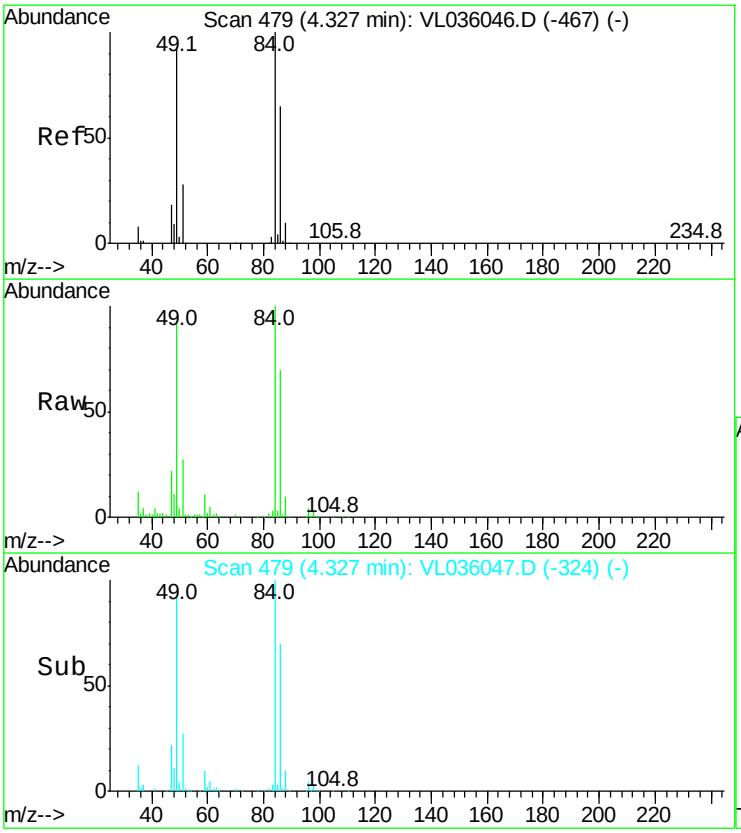
#19
Isopropyl Alcohol
Concen: 1.371 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 111880

Ion	Ratio	Lower	Upper
45	100		
58	6.4	3.4	5.0#

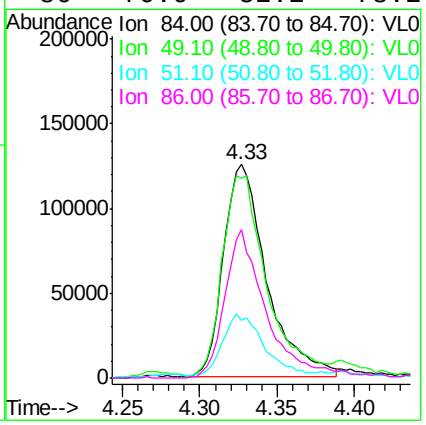


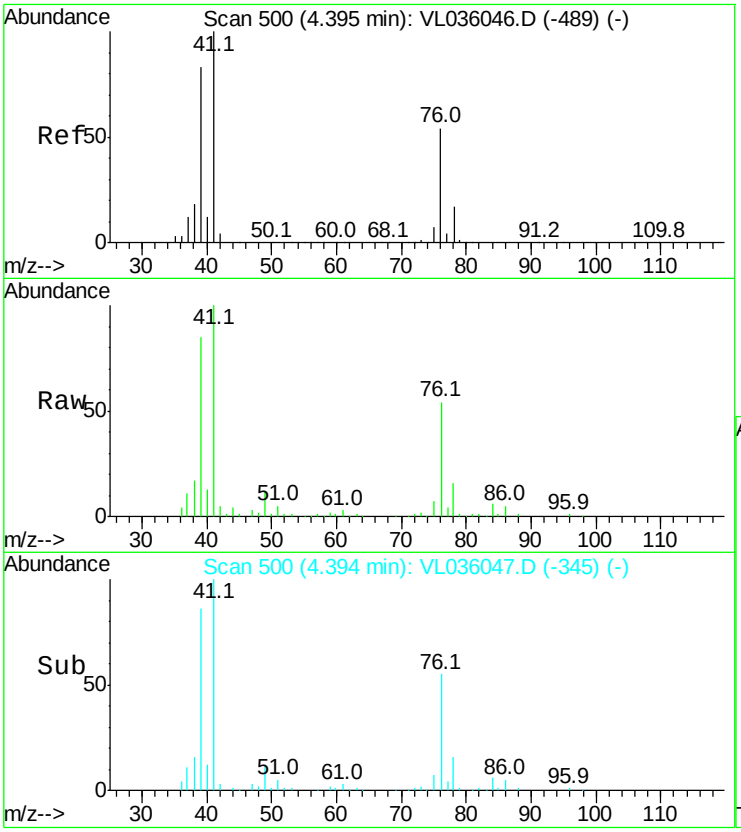


#20
Methylene Chloride
Concen: 2.602 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 84 Resp: 243164

Ion	Ratio	Lower	Upper
84	100		
49	93.1	74.4	111.6
51	26.1	22.5	33.7
86	70.0	52.2	78.2



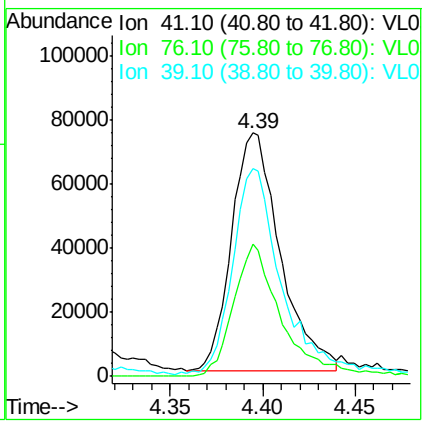


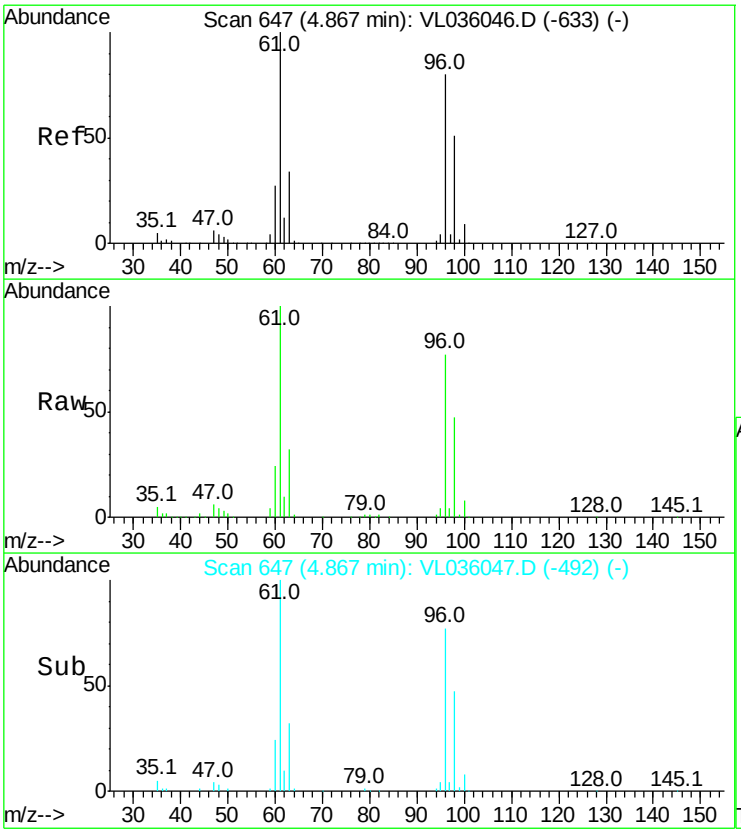
#21
Allyl Chloride
Concen: 1.890 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 135681

Ion	Ratio	Lower	Upper
41	100		
76	54.8	42.4	63.6
39	88.4	69.0	103.6

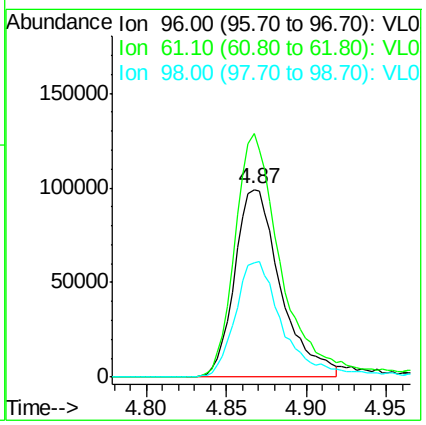


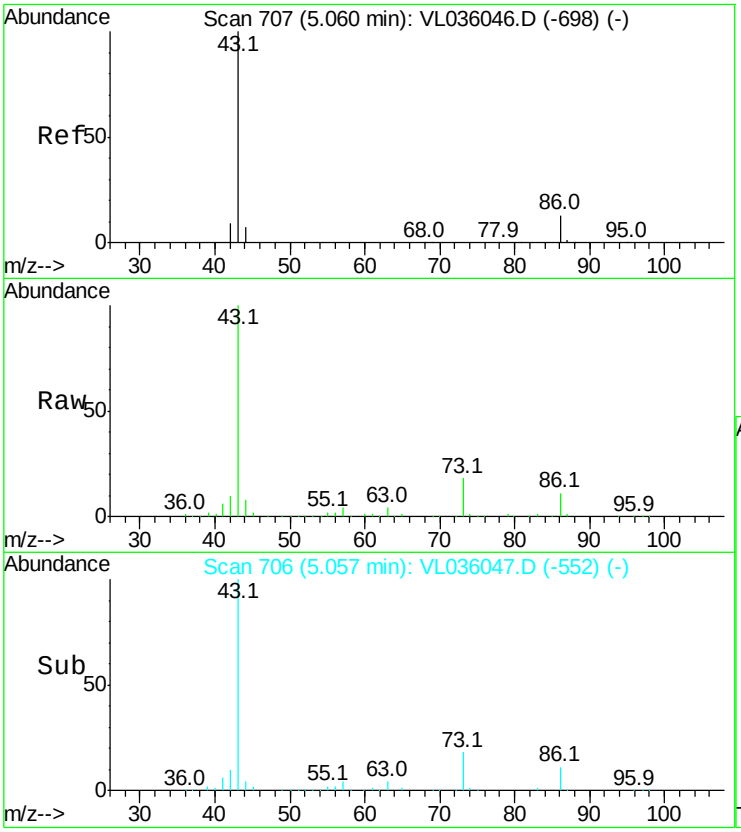


#22
trans-1,2-Dichloroethene
Concen: 1.915 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 96 Resp: 194856

Ion	Ratio	Lower	Upper
96	100		
61	129.8	99.8	149.6
98	61.1	51.1	76.7



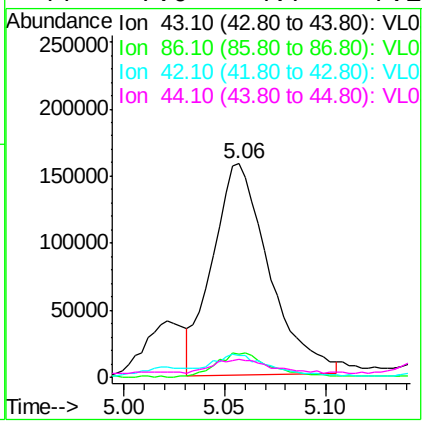


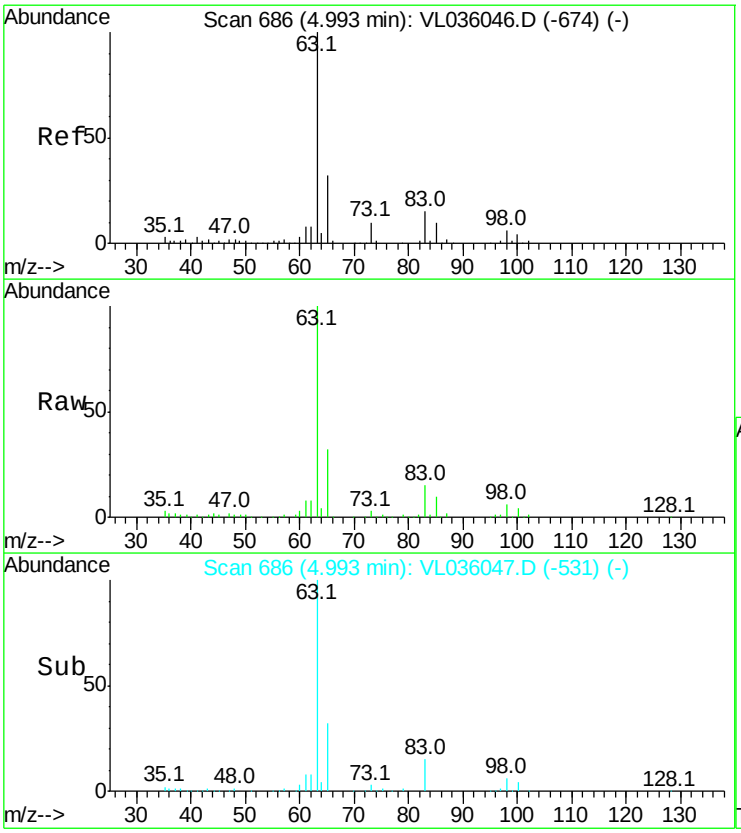
#23
Vinyl Acetate
Concen: 1.653 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 307647

Ion	Ratio	Lower	Upper
43	100		
86	11.1	9.3	13.9
42	9.4	8.1	12.1
44	7.0	4.7	7.1

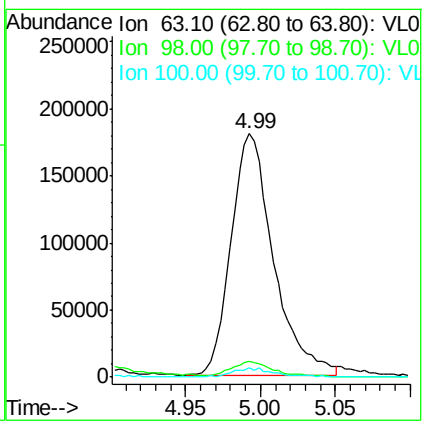


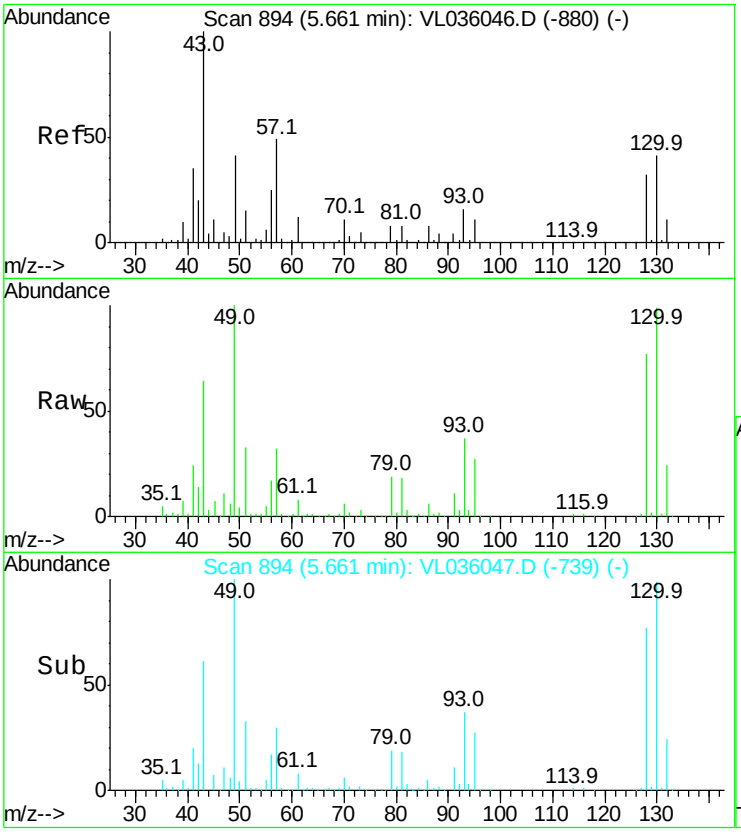


#24
1,1-Dichloroethane
Concen: 2.012 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 63 Resp: 356696

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.1	9.3
100	3.6	1.9	5.7



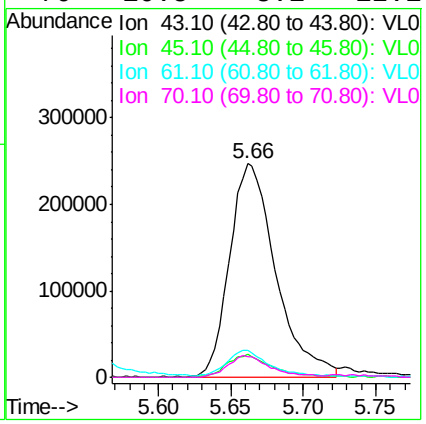


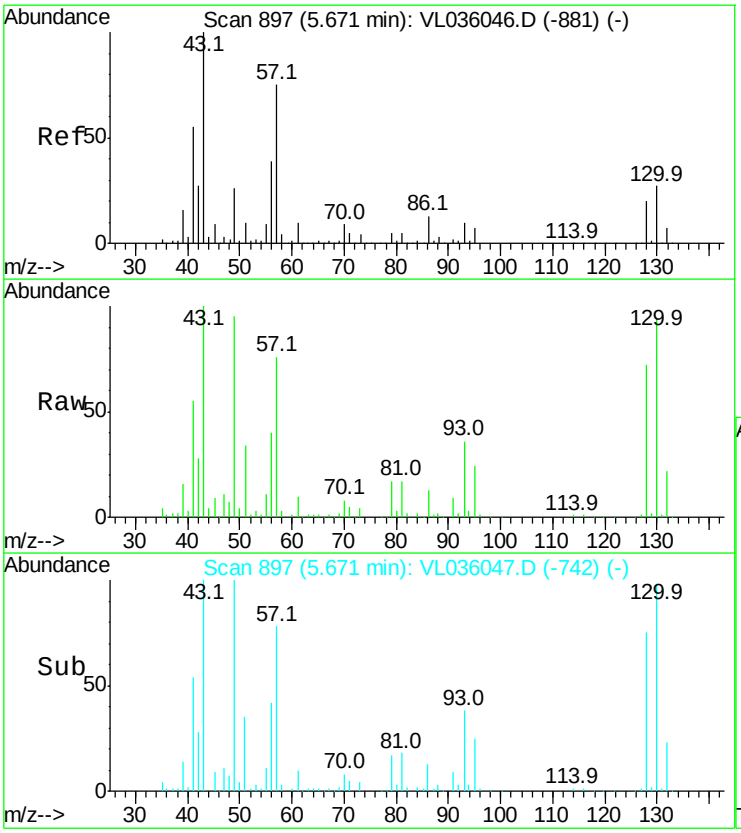
#25
Ethyl Acetate
Concen: 2.083 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 544613

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.6	13.0
61	12.5	10.6	16.0
70	10.5	8.1	12.1

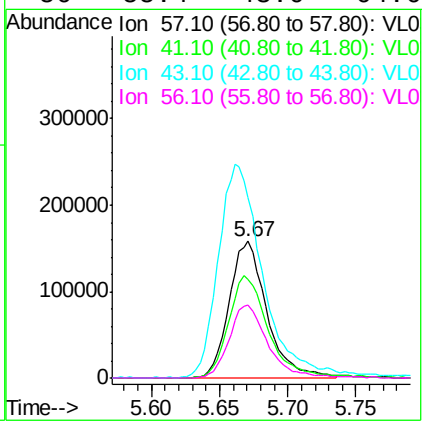


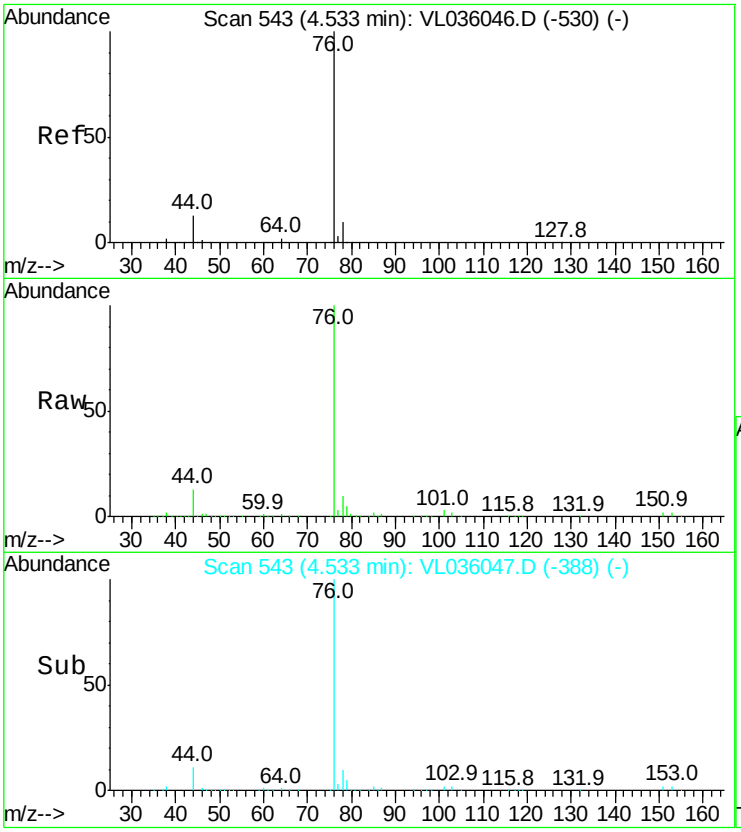


#26
Hexane
Concen: 2.100 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 57 Resp: 302851

Ion	Ratio	Lower	Upper
57	100		
41	80.6	61.6	92.4
43	187.7	152.9	229.3
56	55.4	43.0	64.6



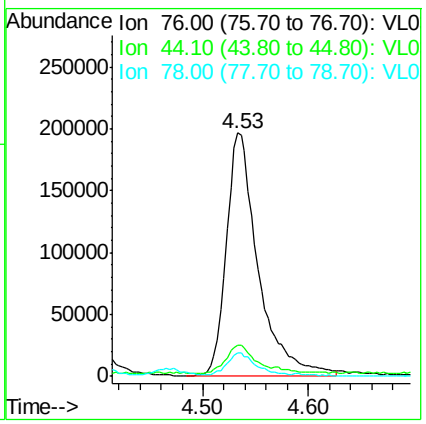


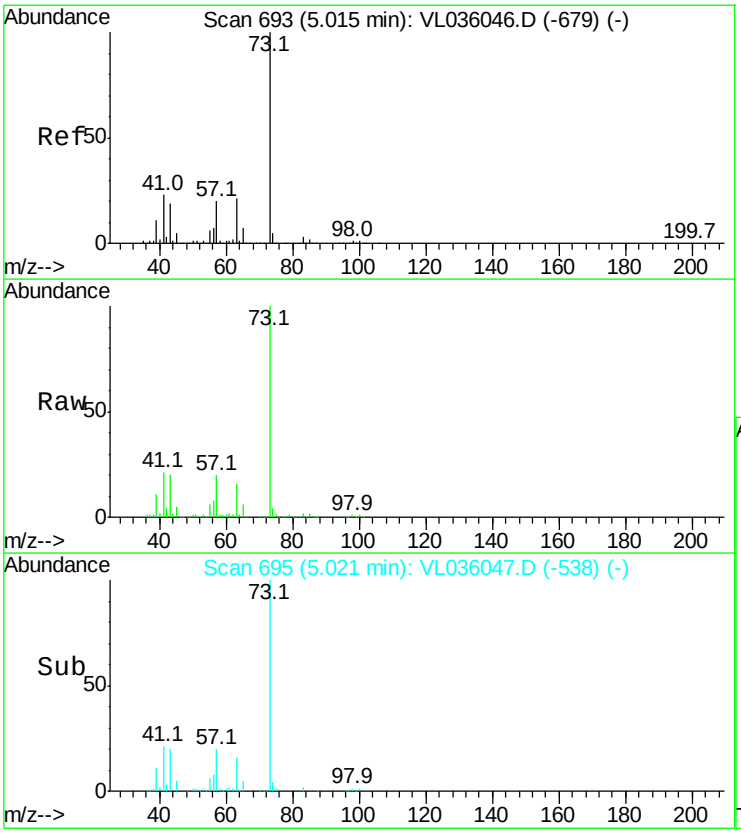
#27
Carbon Disulfide
Concen: 1.899 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 410398

Ion	Ratio	Lower	Upper
76	100		
44	13.1	9.6	14.4
78	10.1	7.7	11.5

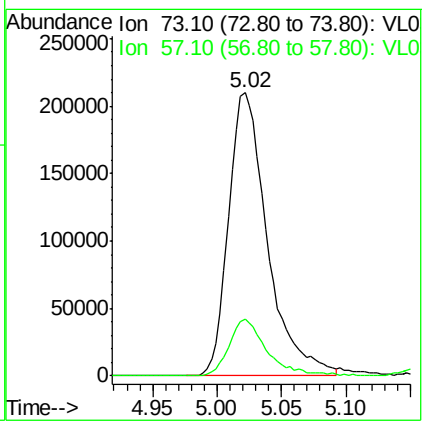


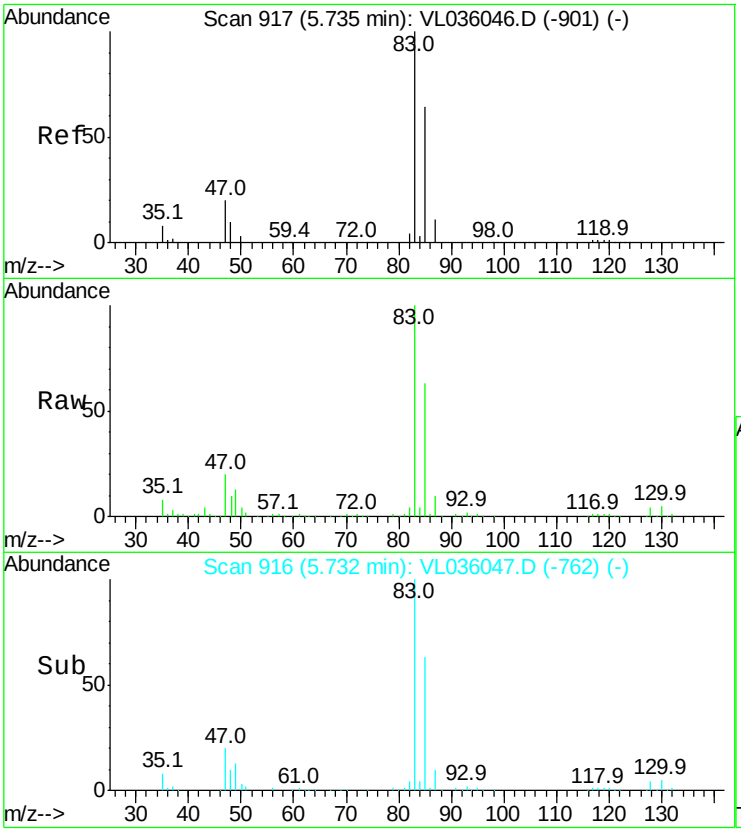


#28
Methyl tert-Butyl Ether
Concen: 1.698 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 73 Resp: 439812

Ion	Ratio	Lower	Upper
73	100		
57	19.6	15.8	23.8



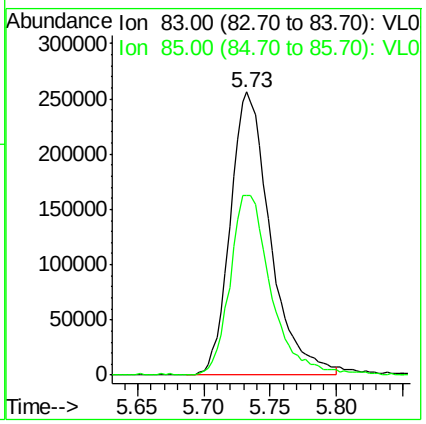


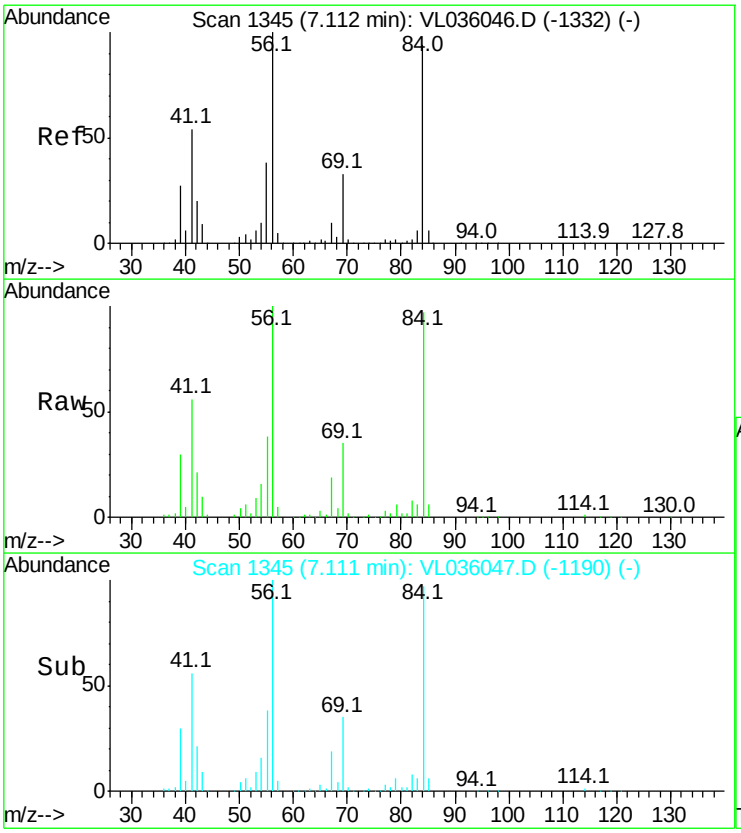
#29
Chloroform
Concen: 1.898 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 537919

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4

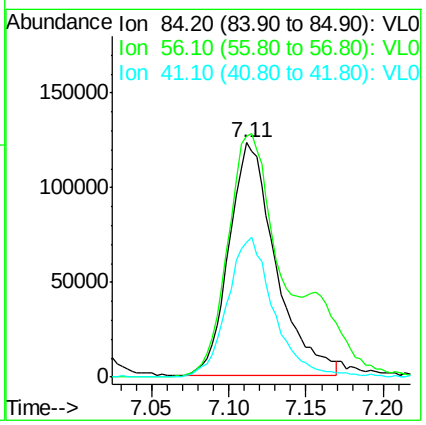


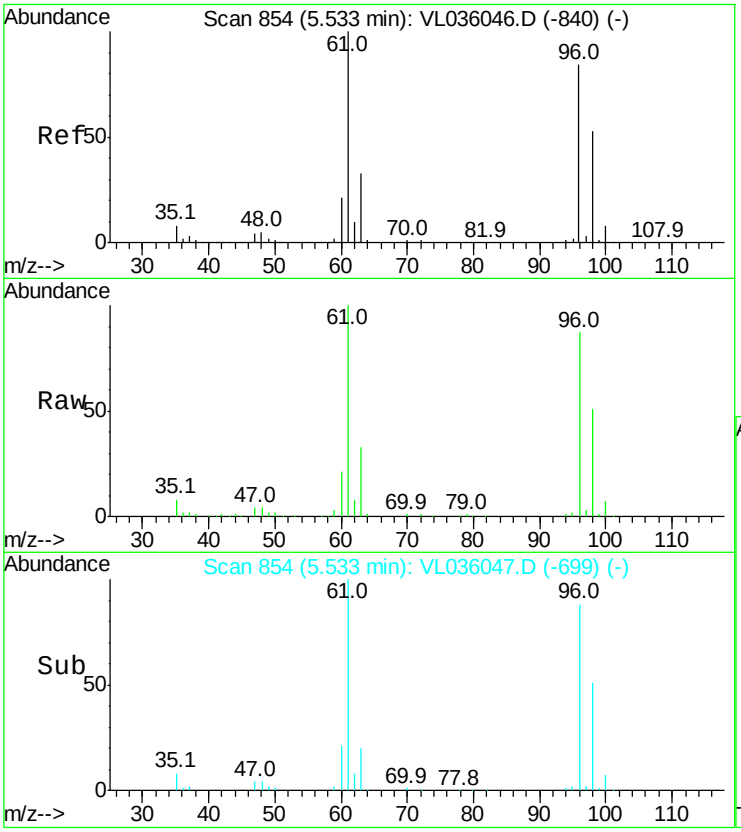


#30
Cyclohexane
Concen: 1.645 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 84 Resp: 258354

Ion	Ratio	Lower	Upper
84	100		
56	138.0	89.9	134.9#
41	59.1	46.1	69.1



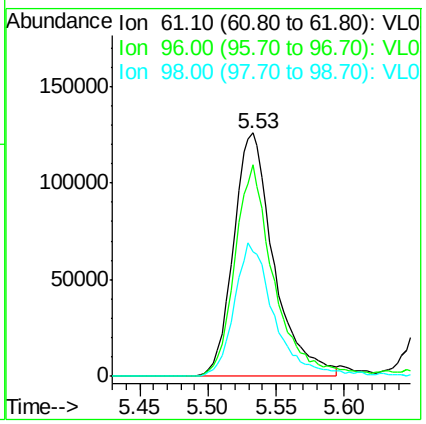


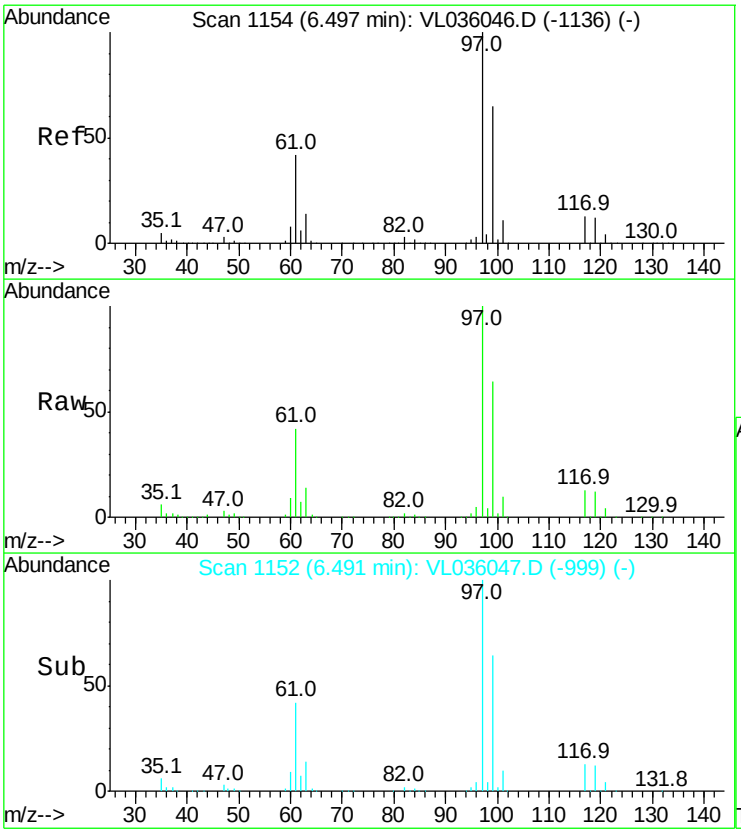
#31
cis-1,2-Dichloroethene
Concen: 1.741 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 258382

Ion	Ratio	Lower	Upper
61	100		
96	87.1	66.8	100.2
98	50.9	42.6	63.8

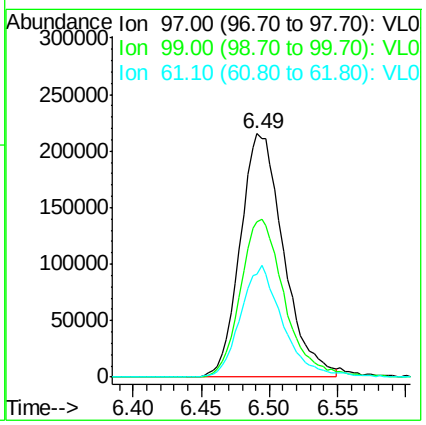


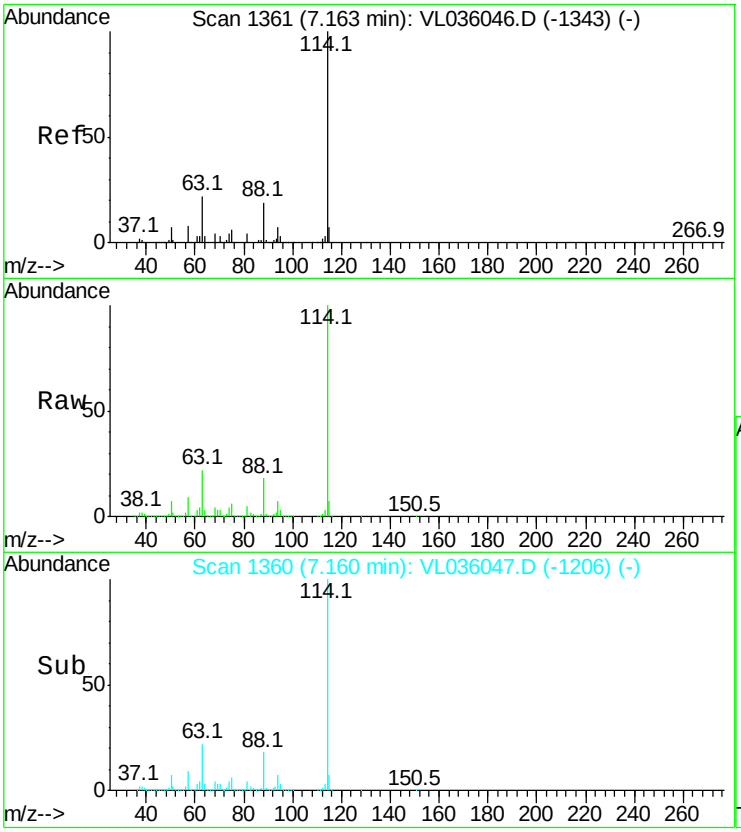


#32
1,1,1-Trichloroethane
Concen: 1.610 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 97 Resp: 476390

Ion	Ratio	Lower	Upper
97	100		
99	66.2	52.4	78.6
61	45.2	34.7	52.1



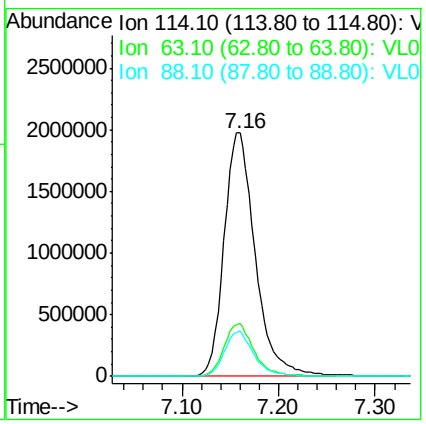


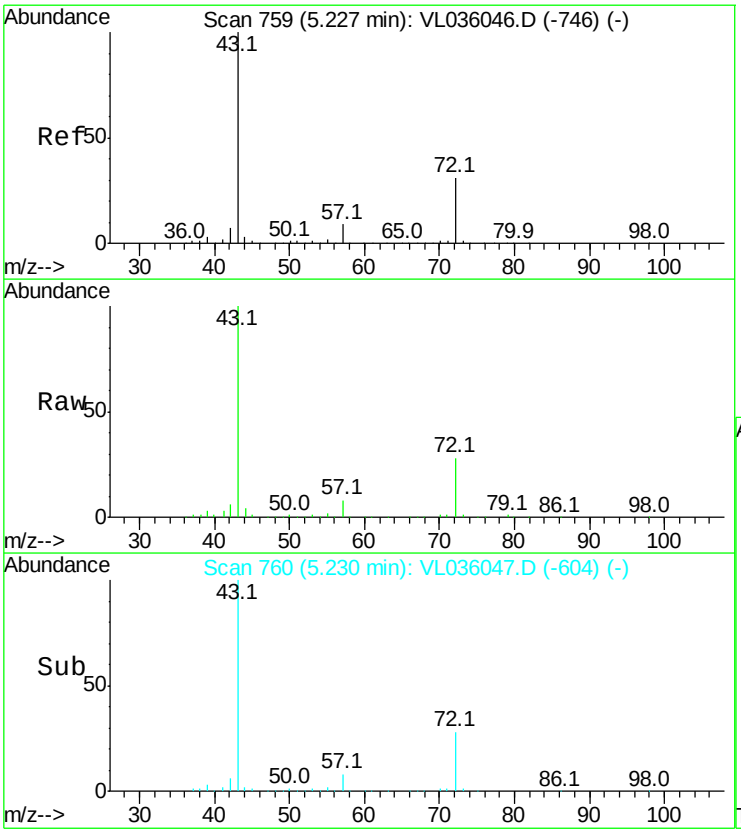
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 4412156

Ion	Ratio	Lower	Upper
114	100		
63	21.1	17.2	25.8
88	17.6	14.0	21.0

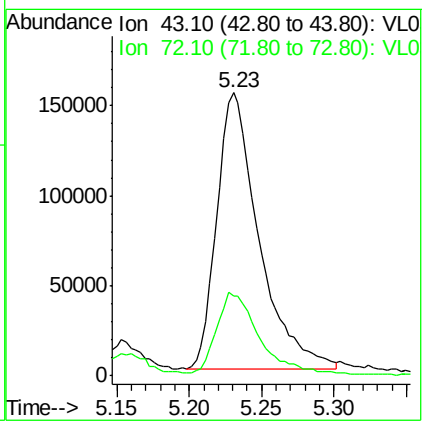


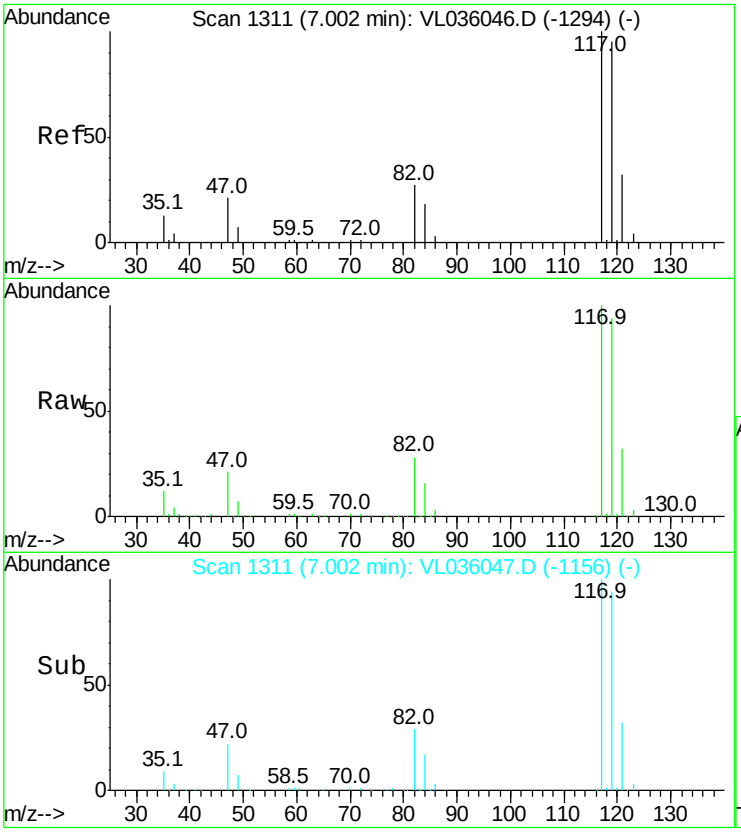


#34
2-Butanone
Concen: 2.170 ppbv
RT: 5.23 min Scan# 760
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 43 Resp: 310787

Ion	Ratio	Lower	Upper
43	100		
72	32.3	24.5	36.7



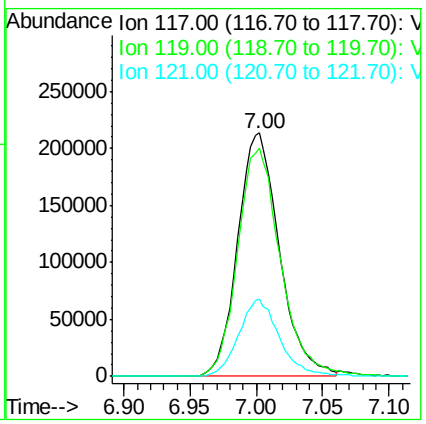


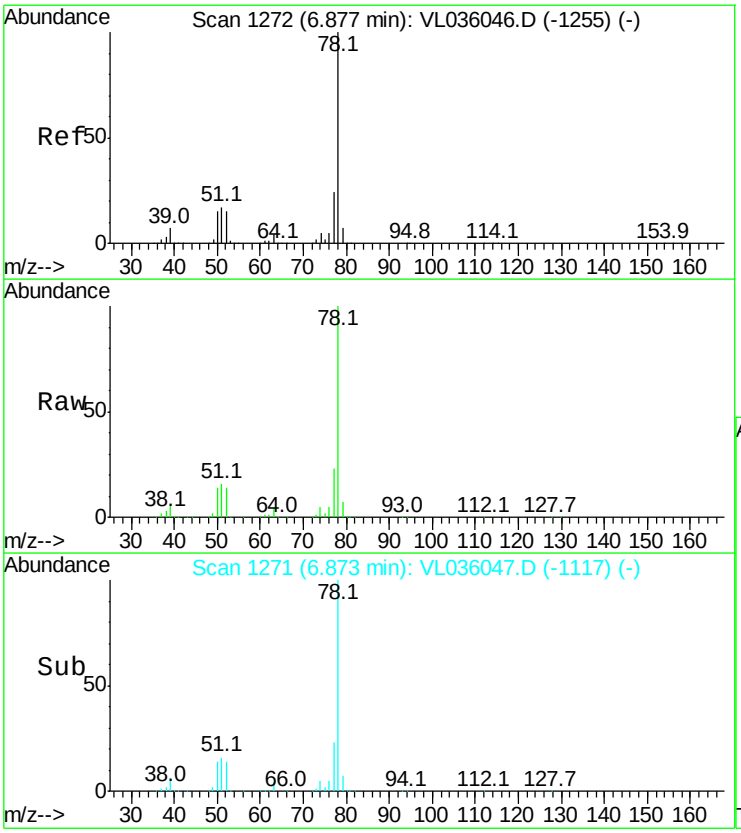
#35
Carbon Tetrachloride
Concen: 1.991 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 469296

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.9	113.9
121	31.8	25.8	38.8

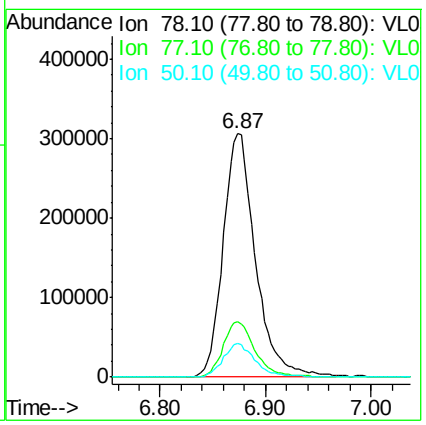


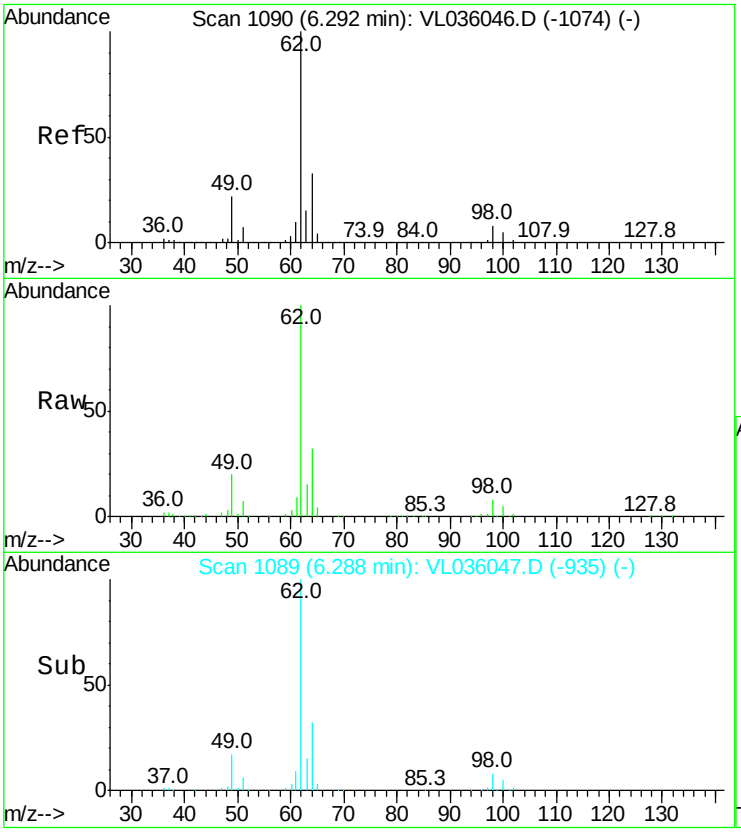


#36
Benzene
Concen: 1.987 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 78 Resp: 651861

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.1	28.7
50	14.1	12.0	18.0



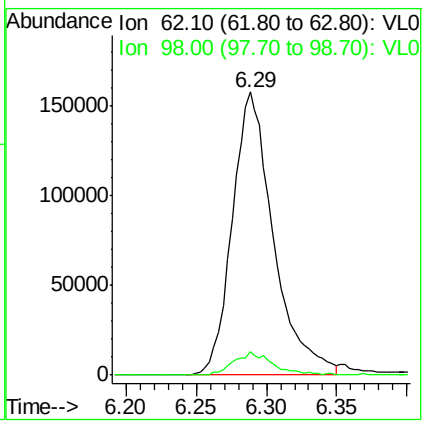


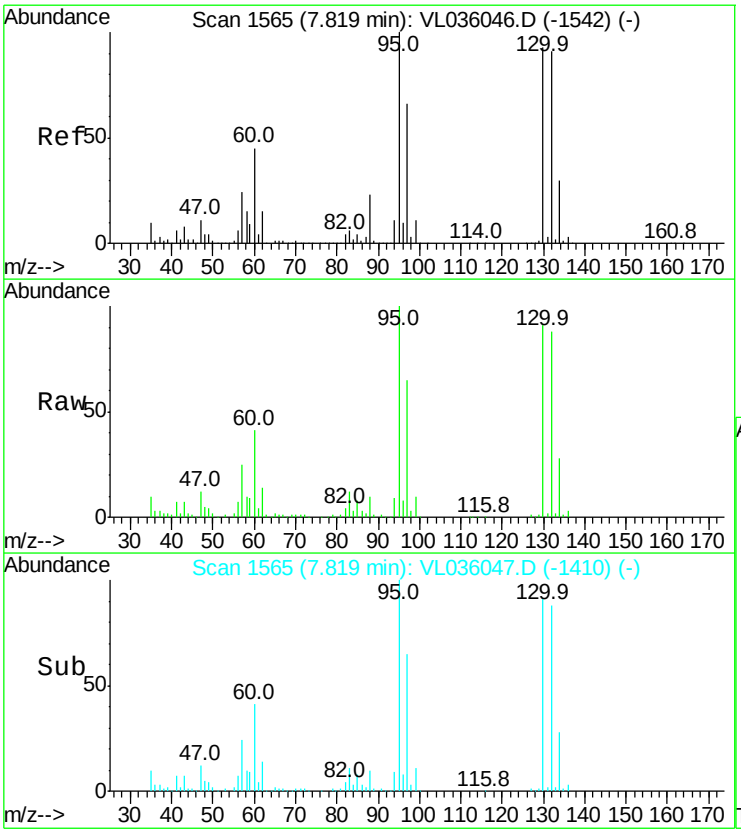
#37
1,2-Dichloroethane
Concen: 2.175 ppbv
RT: 6.29 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 323269

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.4	9.6

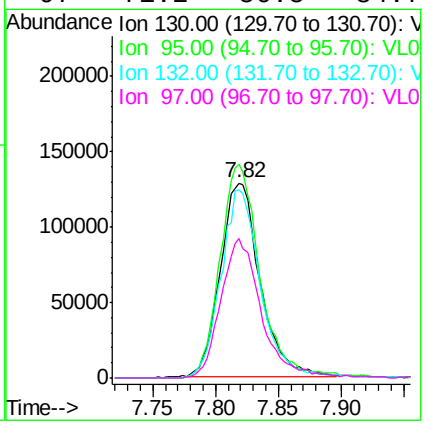


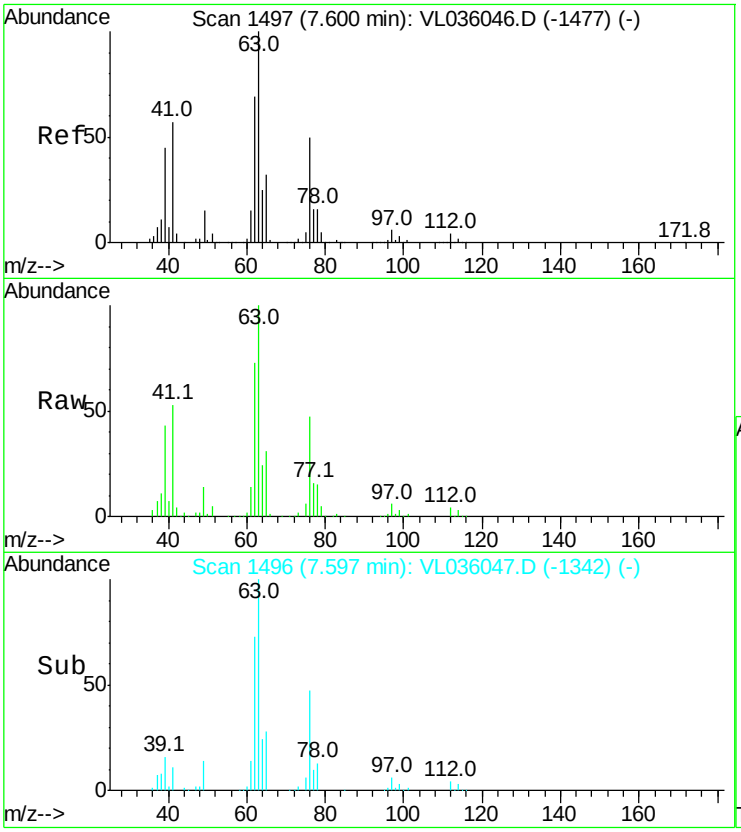


#38
Trichloroethene
Concen: 1.760 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:130 Resp: 282046

Ion	Ratio	Lower	Upper
130	100		
95	109.4	86.1	129.1
132	96.7	78.6	118.0
97	71.2	56.5	84.7



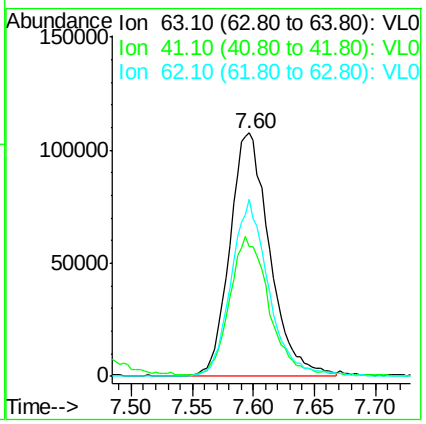


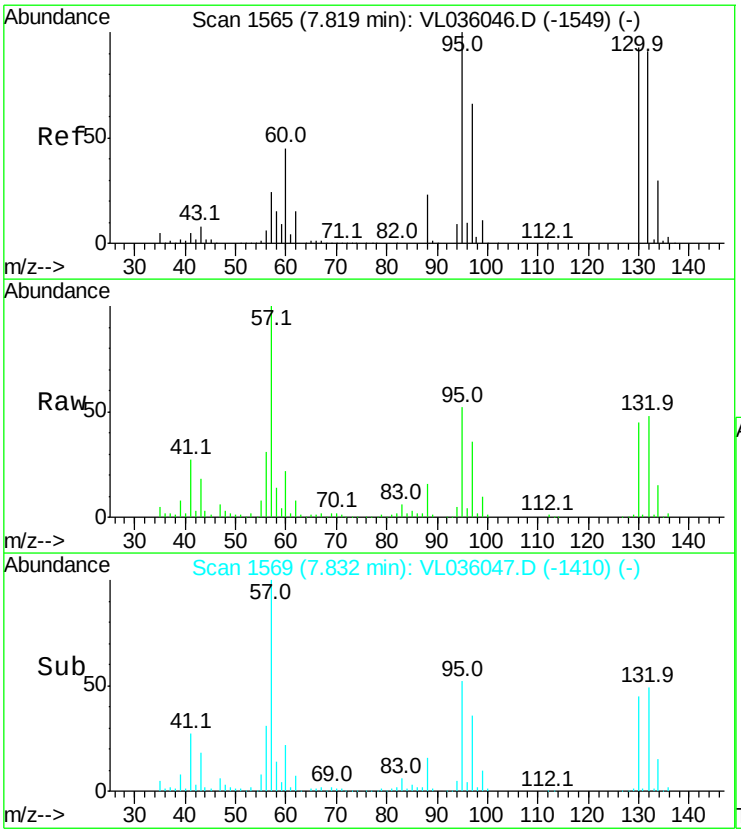
#39
1,2-Dichloropropane
Concen: 2.189 ppbv
RT: 7.60 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 241759

Ion	Ratio	Lower	Upper
63	100		
41	52.7	45.4	68.0
62	72.5	55.3	82.9

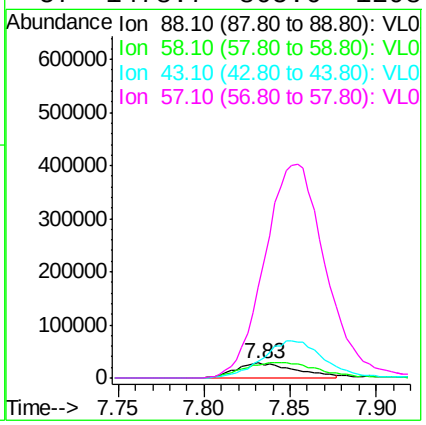


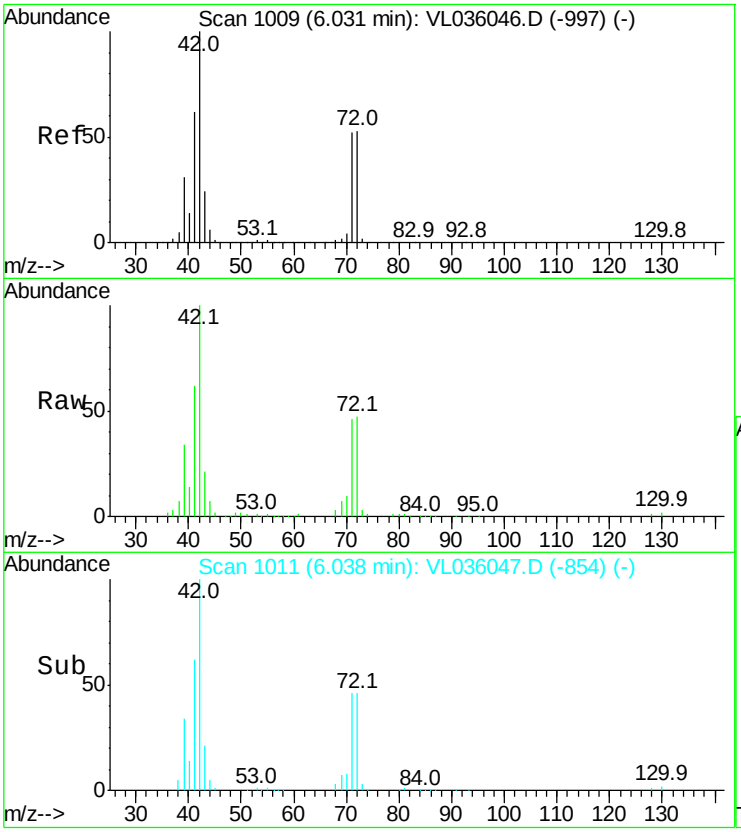


#40
1,4-Dioxane
Concen: 1.299 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 88 Resp: 67996

Ion	Ratio	Lower	Upper
88	100		
58	137.4	91.0	136.6#
43	263.4	163.3	244.9#
57	1478.7	865.6	1298.4#



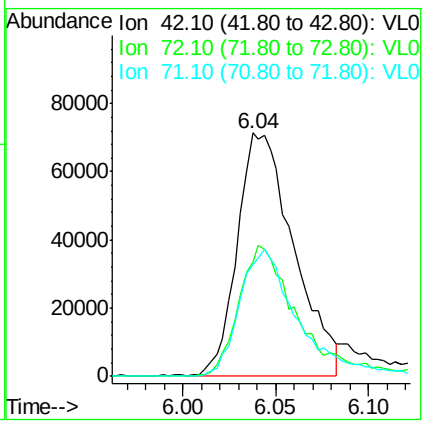


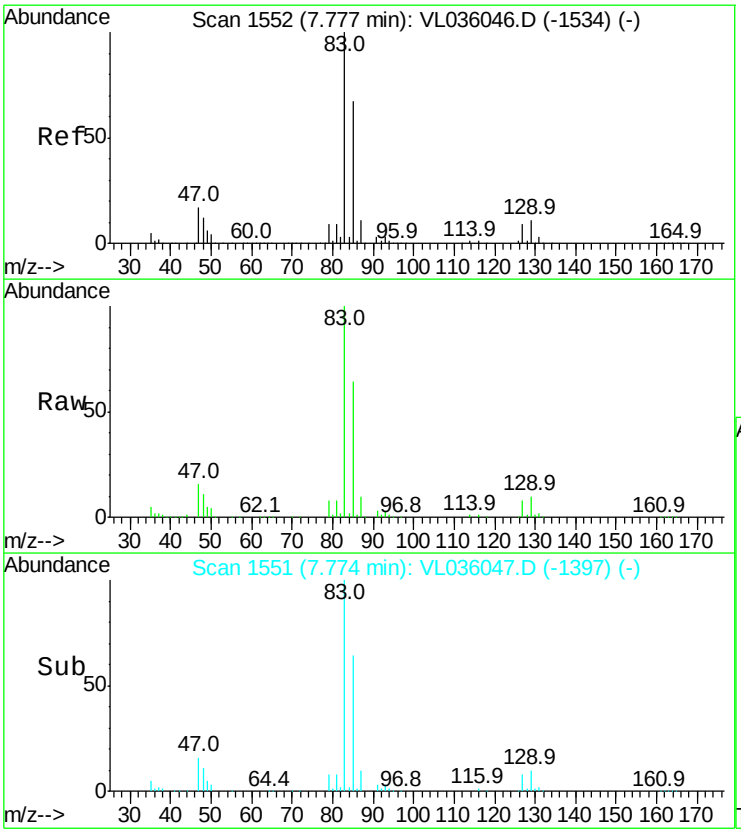
#41
Tetrahydrofuran
Concen: 1.863 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 151540

Ion	Ratio	Lower	Upper
42	100		
72	57.6	42.7	64.1
71	55.1	41.0	61.4

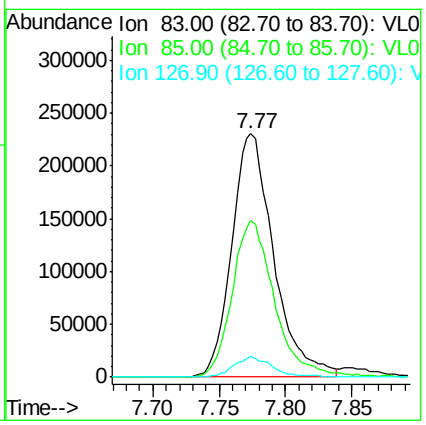


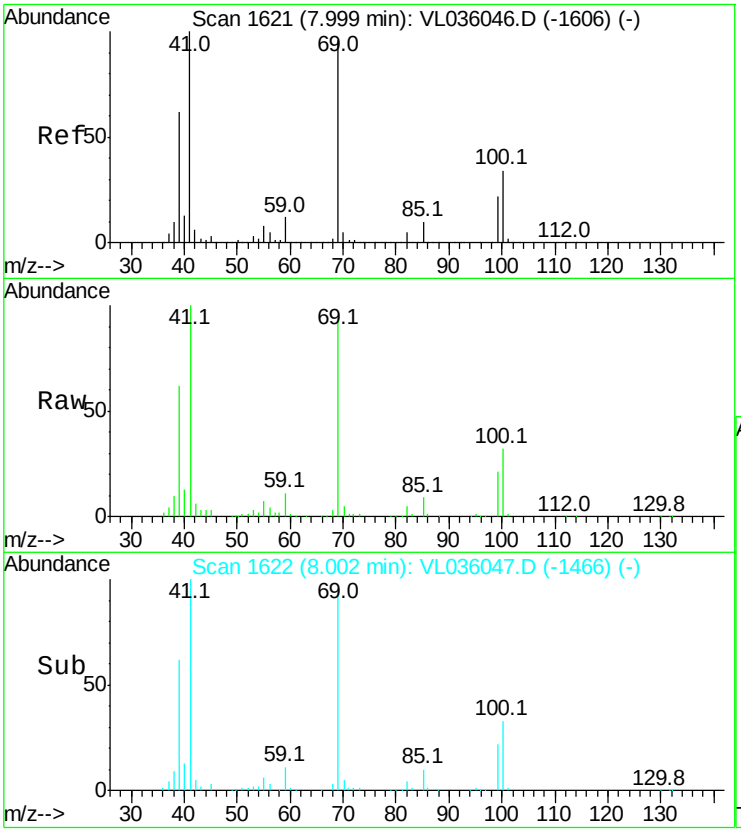


#42
Bromodichloromethane
Concen: 2.028 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 83 Resp: 508392

Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.7	80.5
127	8.4	7.0	10.6



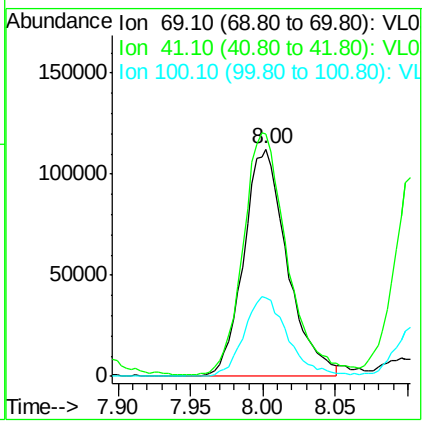


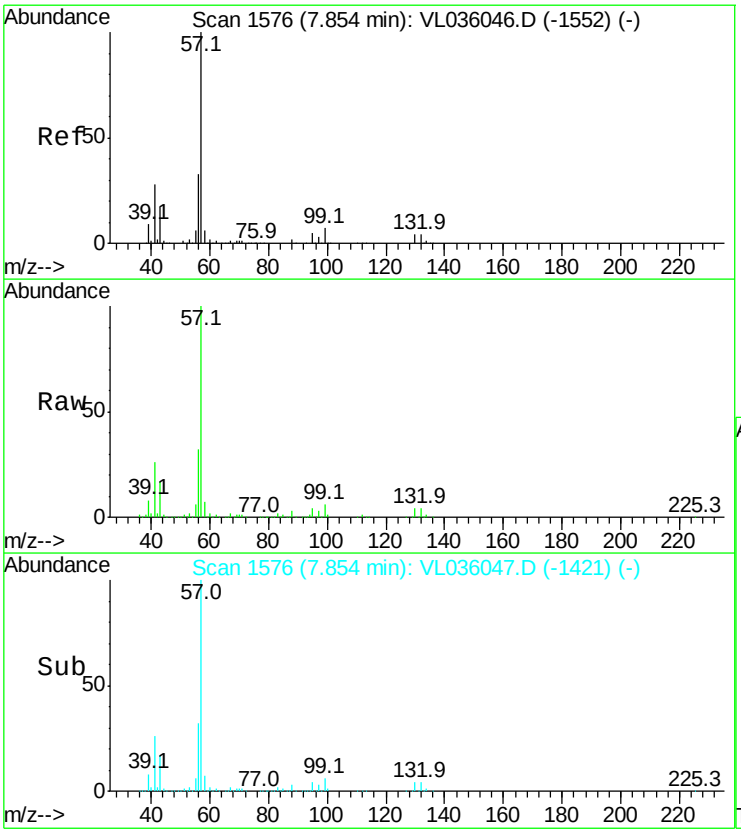
#43
Methyl Methacrylate
Concen: 1.878 ppbv
RT: 8.00 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 234953

Ion	Ratio	Lower	Upper
69	100		
41	109.1	86.5	129.7
100	35.6	29.0	43.6

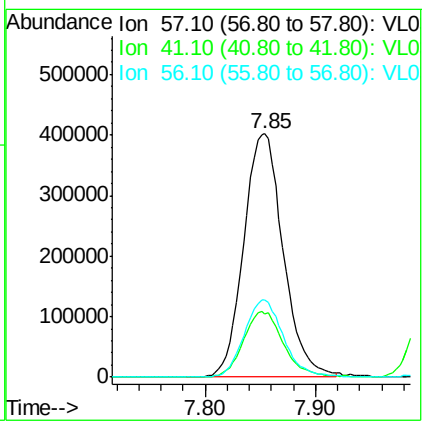


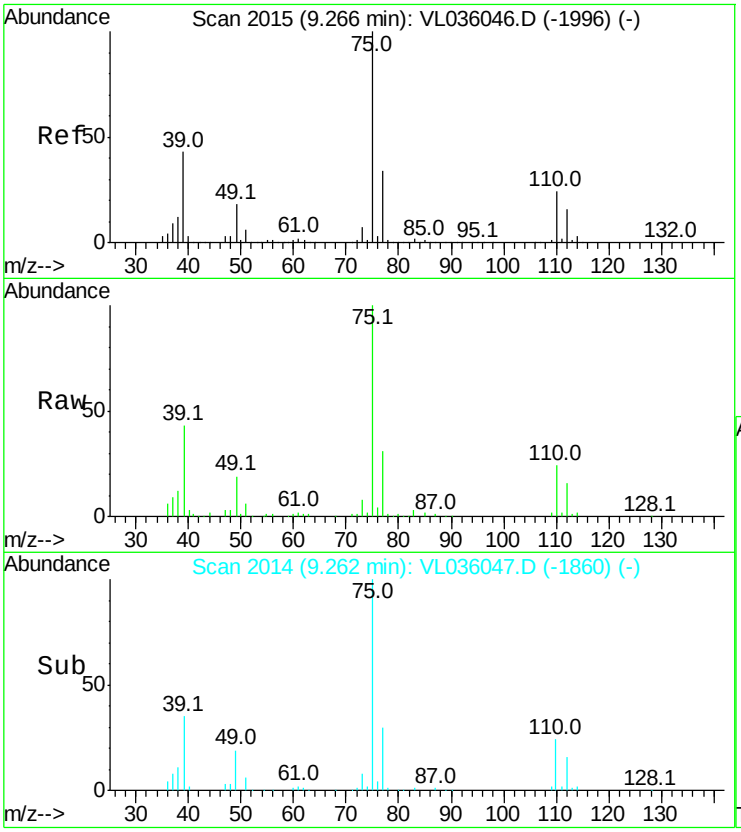


#44
2,2,4-Trimethylpentane
Concen: 2.299 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 57 Resp: 997998

Ion	Ratio	Lower	Upper
57	100		
41	27.1	21.9	32.9
56	31.6	25.8	38.6



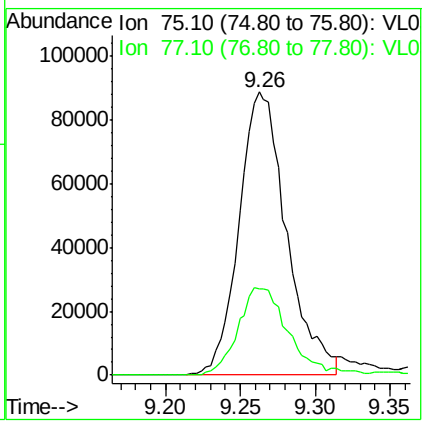


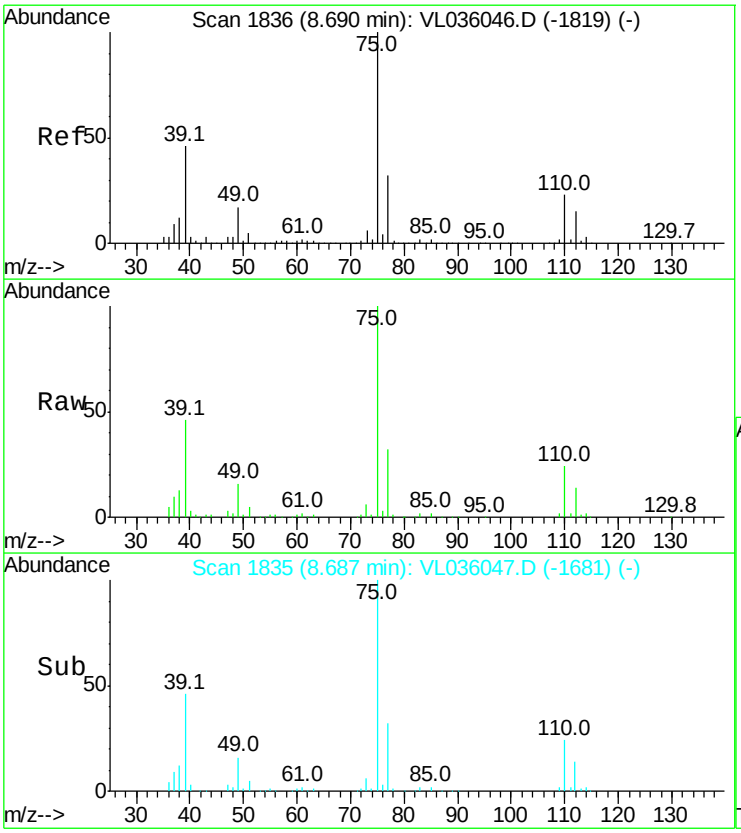
#45
t-1,3-Dichloropropene
Concen: 1.479 ppbv
RT: 9.26 min Scan# 2014
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 196140

Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.8	40.2

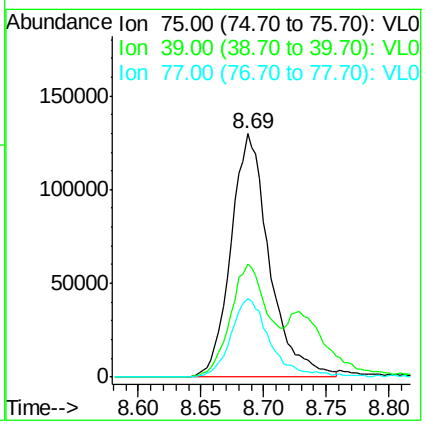


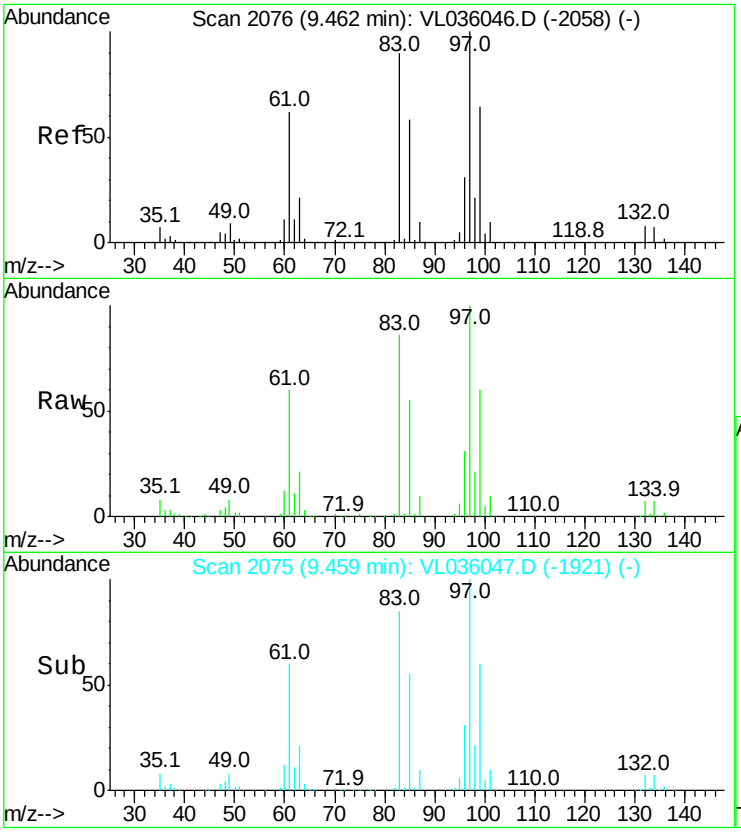


#46
cis-1,3-Dichloropropene
Concen: 1.648 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 75 Resp: 276879

Ion	Ratio	Lower	Upper
75	100		
39	45.8	37.0	55.4
77	32.1	25.5	38.3



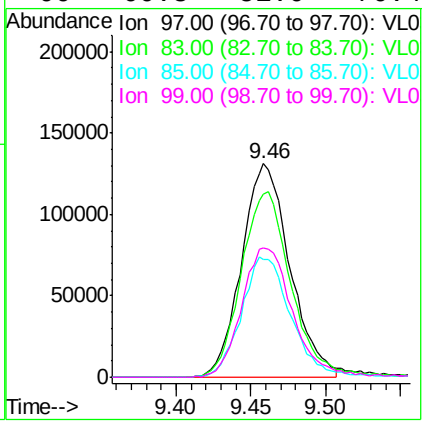


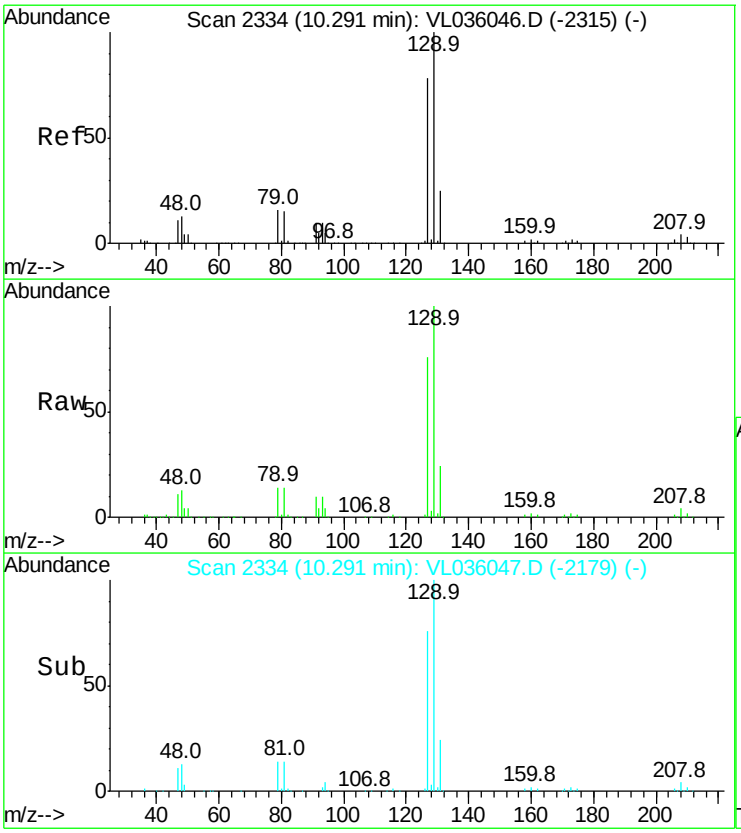
#47
1,1,2-Trichloroethane
Concen: 1.957 ppbv
RT: 9.46 min Scan# 2075
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 294479

Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.1	108.1
85	55.2	46.6	69.8
99	60.3	51.0	76.4

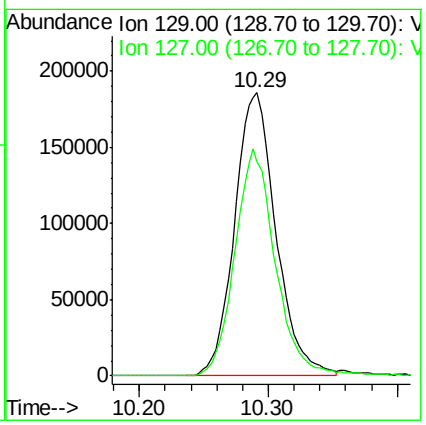


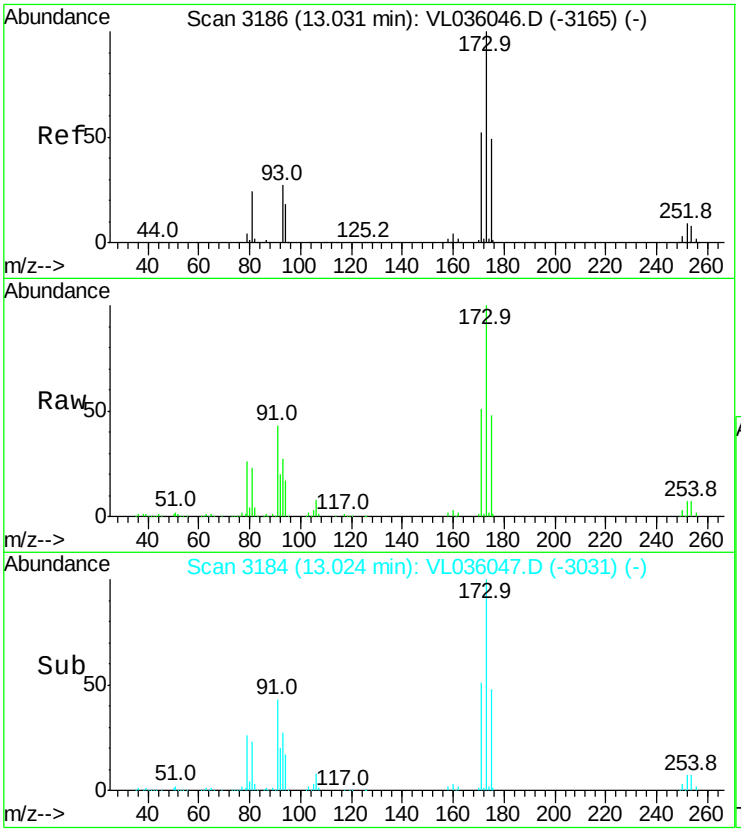


#48
Dibromochloromethane
Concen: 1.805 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:129 Resp: 414867

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.4	118.2



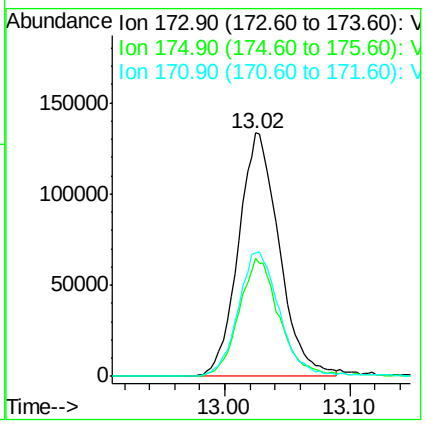


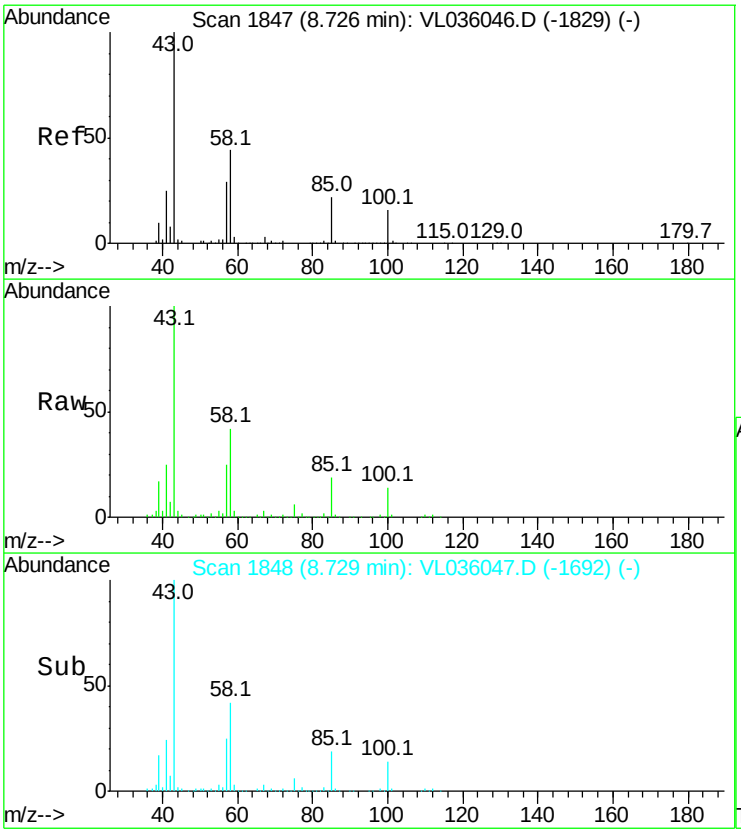
#49
Bromoform
Concen: 1.555 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 301593

Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.5	59.3
171	53.0	42.6	63.8

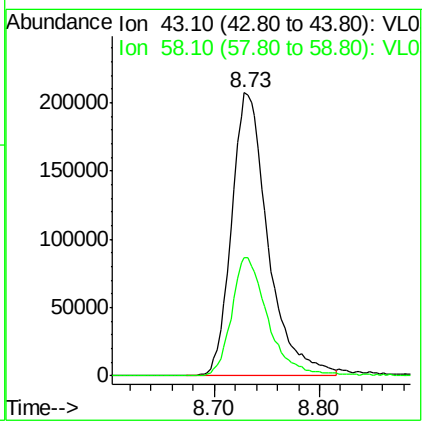


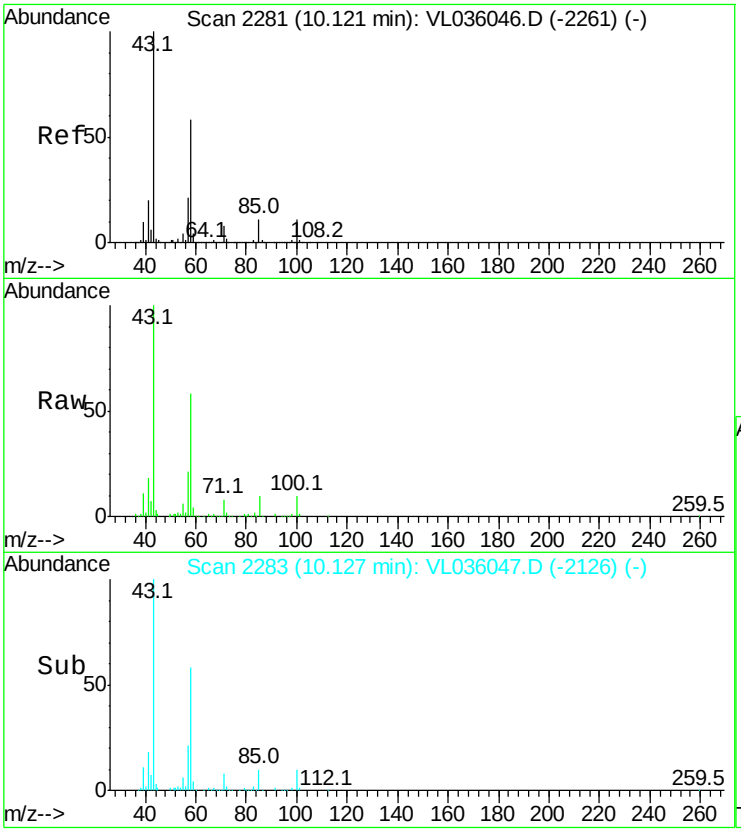


#50
4-Methyl-2-Pentanone
Concen: 2.272 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 43 Resp: 497463

Ion	Ratio	Lower	Upper
43	100		
58	42.2	34.7	52.1



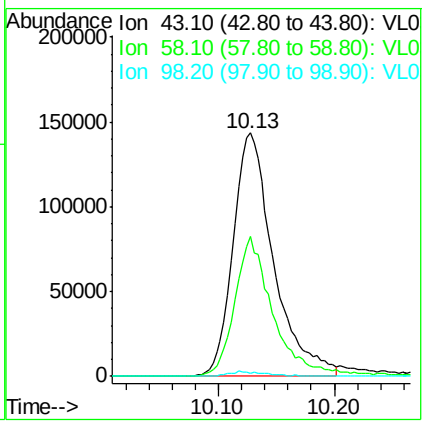


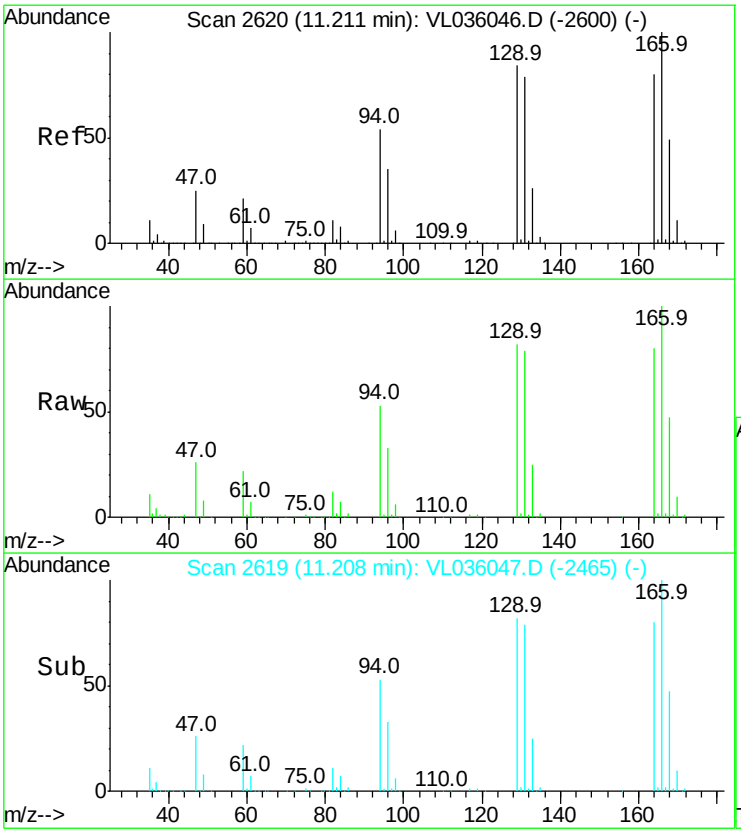
#51
2-Hexanone
Concen: 1.978 ppbv
RT: 10.13 min Scan# 2283
Delta R.T. 0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 347928

Ion	Ratio	Lower	Upper
43	100		
58	55.2	45.7	68.5
98	2.1	0.8	1.2#

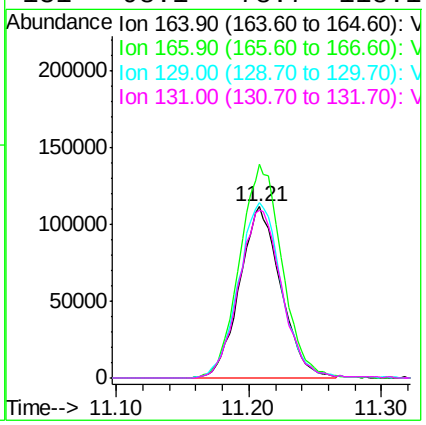


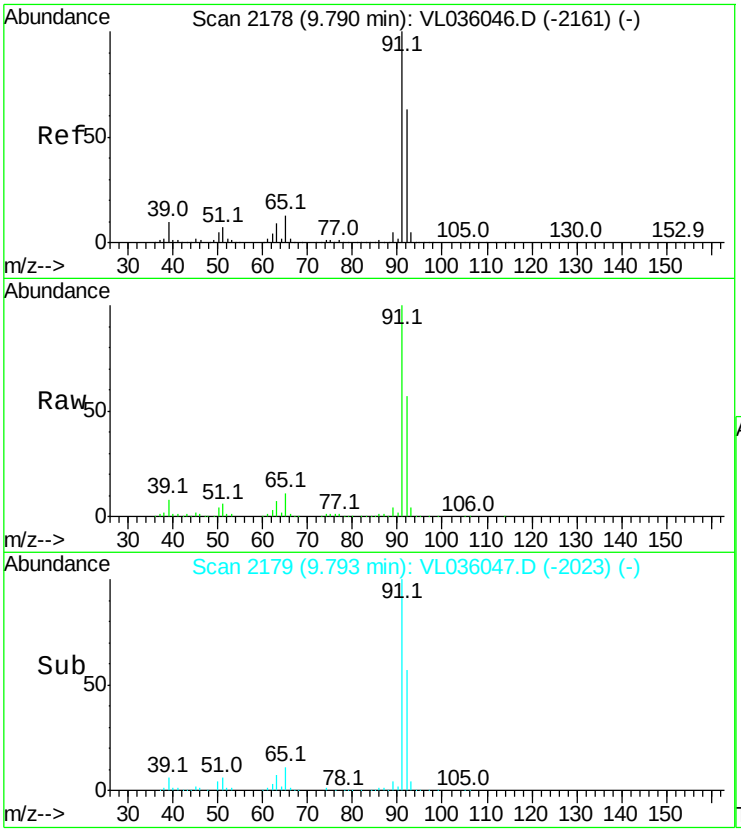


#52
Tetrachloroethene
Concen: 1.551 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:164 Resp: 241023

Ion	Ratio	Lower	Upper
164	100		
166	124.6	100.2	150.2
129	102.6	83.7	125.5
131	98.1	78.7	118.1



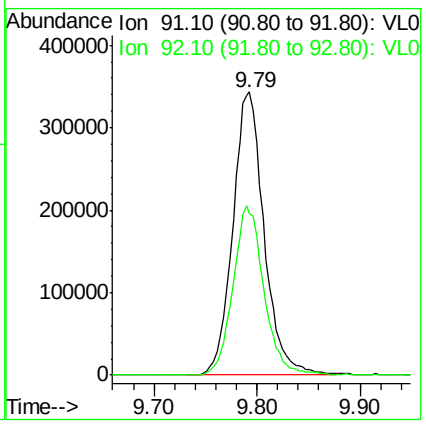


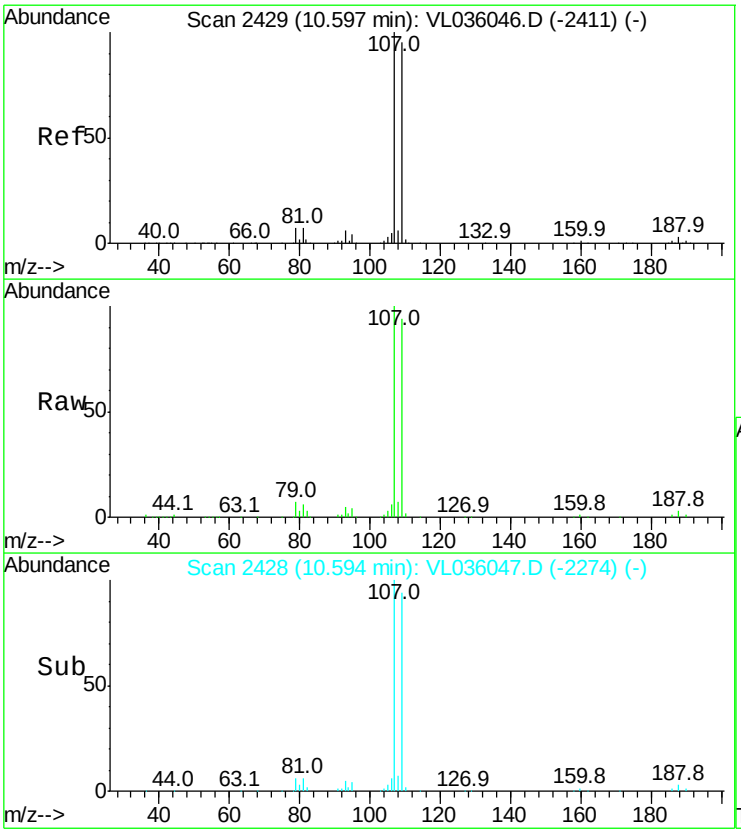
#53
Toluene
Concen: 1.831 ppbv
RT: 9.79 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 724790

Ion	Ratio	Lower	Upper
91	100		
92	59.3	49.3	73.9

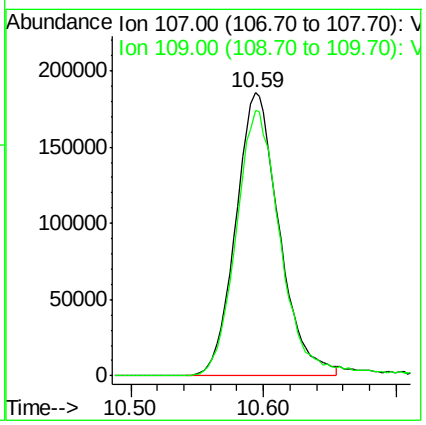


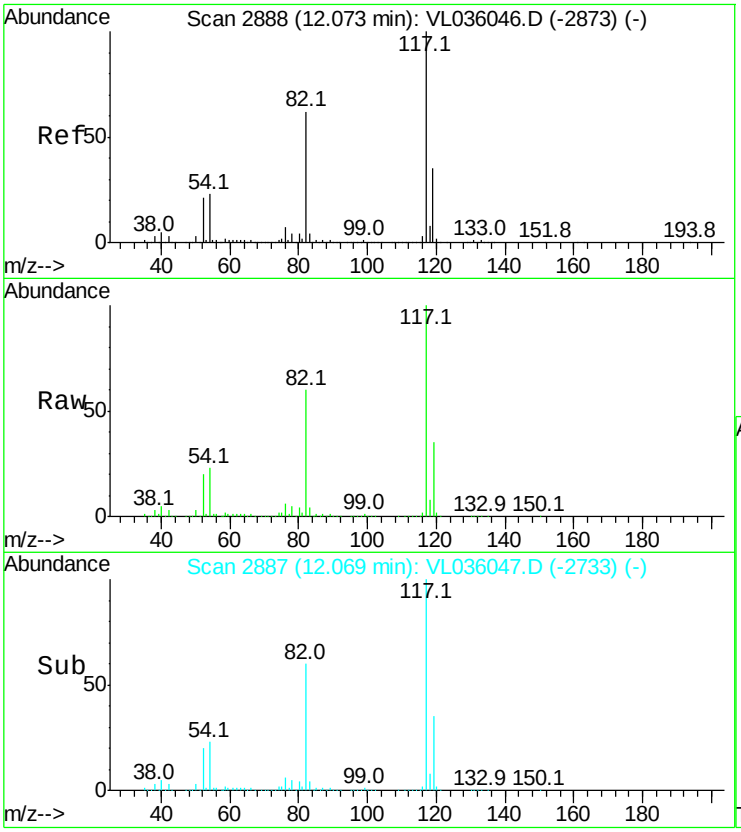


#54
1,2-Dibromoethane
Concen: 1.847 ppbv
RT: 10.59 min Scan# 2428
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:107 Resp: 422771

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.7	113.5



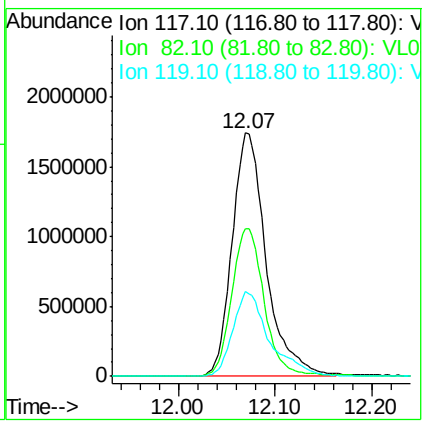


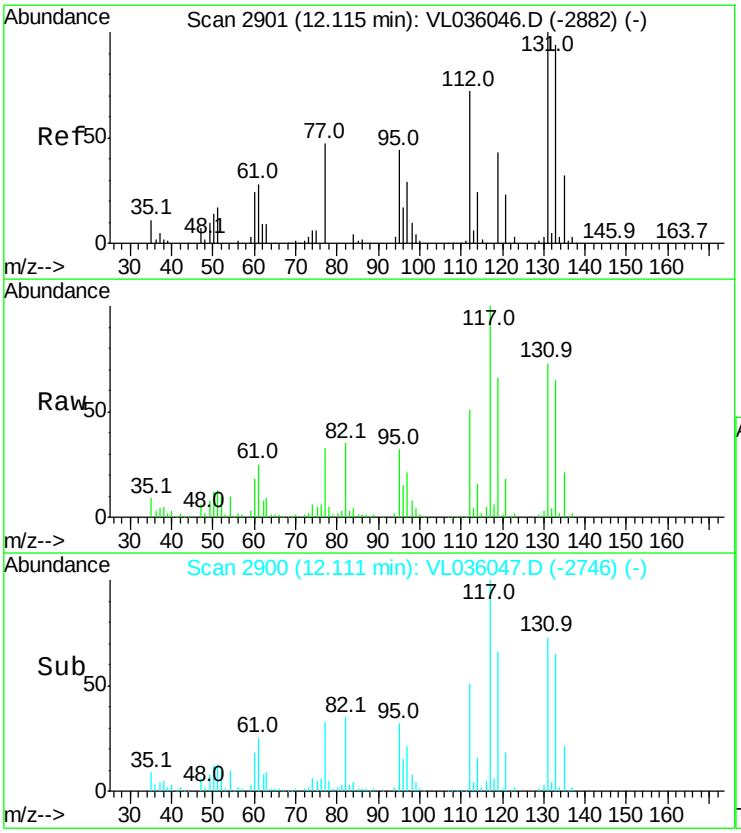
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 4270912

Ion	Ratio	Lower	Upper
117	100		
82	58.5	49.9	74.9
119	37.7	28.7	43.1

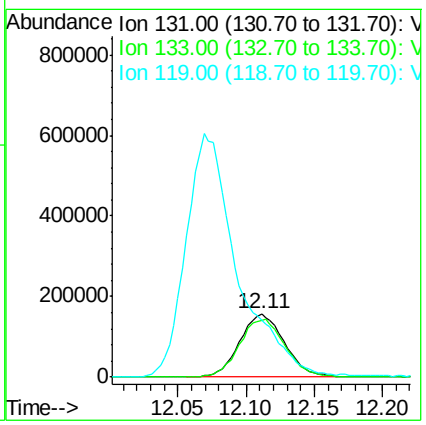


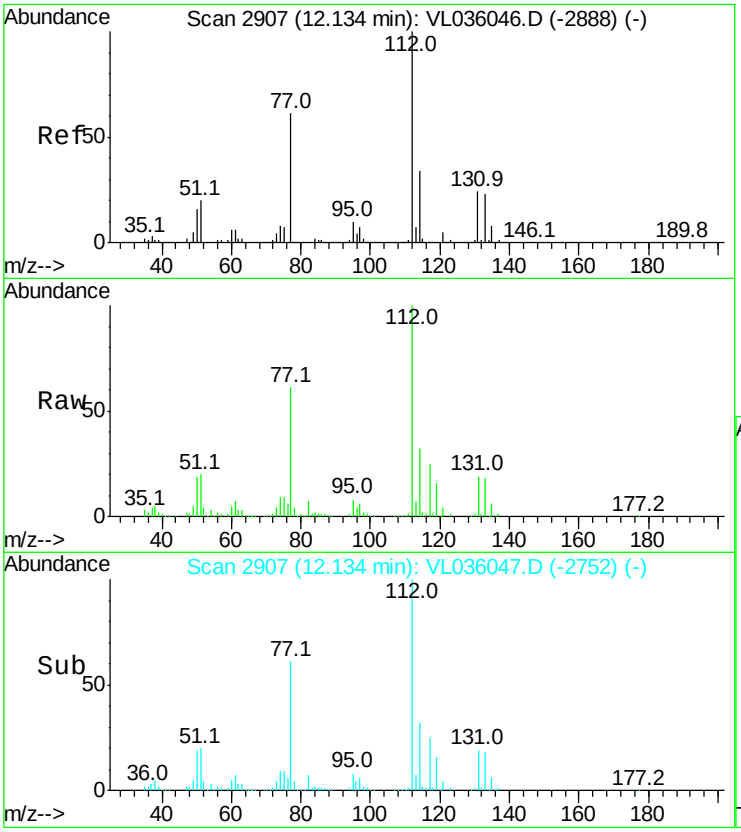


#56
1,1,1,2-Tetrachloroethane
Concen: 1.856 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:131 Resp: 355792

Ion	Ratio	Lower	Upper
131	100		
133	94.5	76.1	114.1
119	453.3	49.5	74.3#



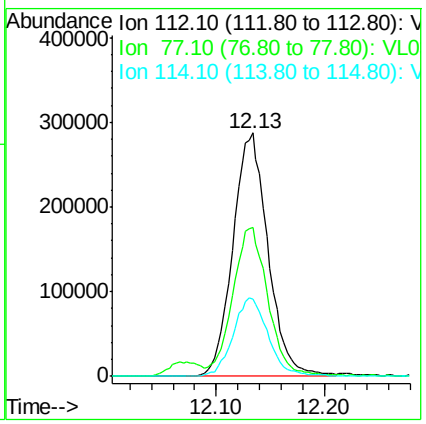


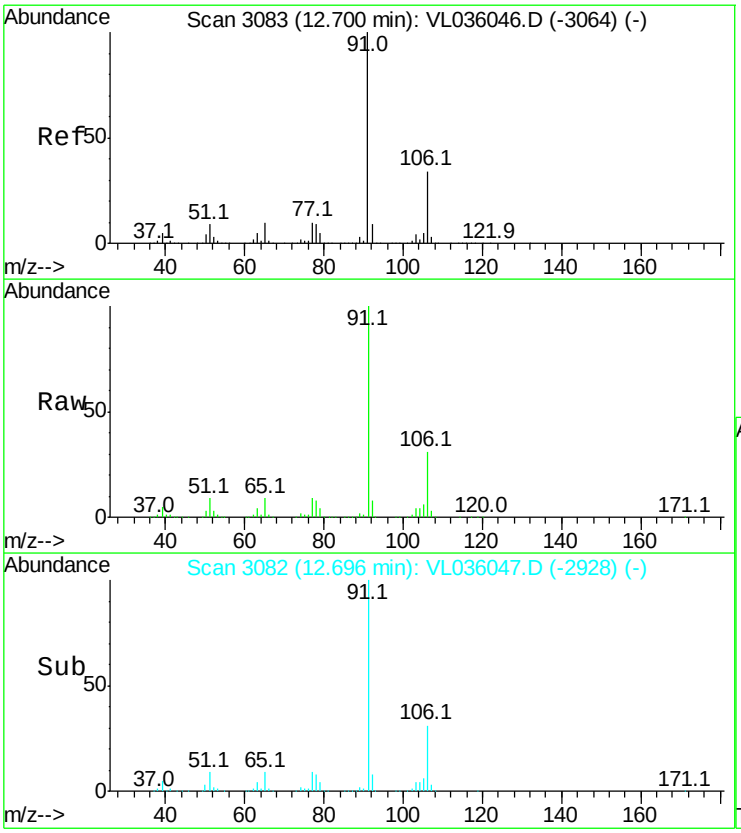
#57
Chlorobenzene
Concen: 1.912 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 649261

Ion	Ratio	Lower	Upper
112	100		
77	60.4	49.3	73.9
114	31.4	30.2	36.9

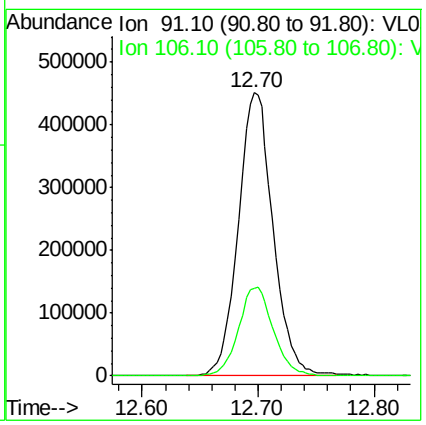


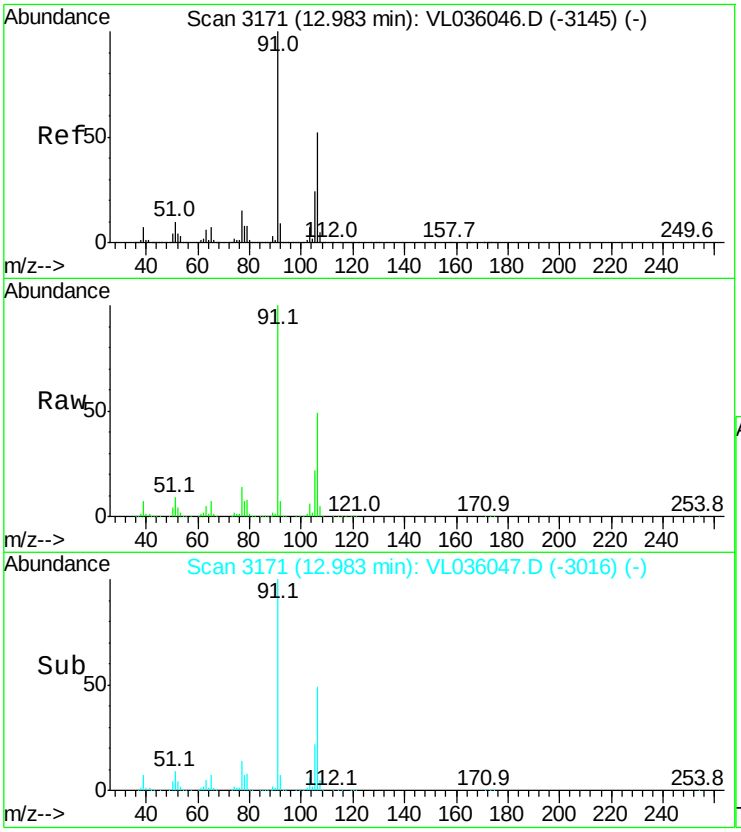


#58
Ethyl Benzene
Concen: 1.808 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 91 Resp: 940389

Ion	Ratio	Lower	Upper
91	100		
106	31.1	27.4	41.2



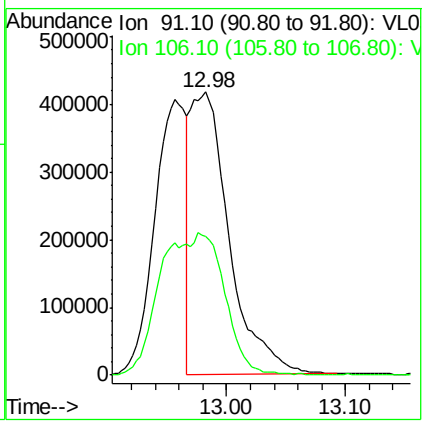


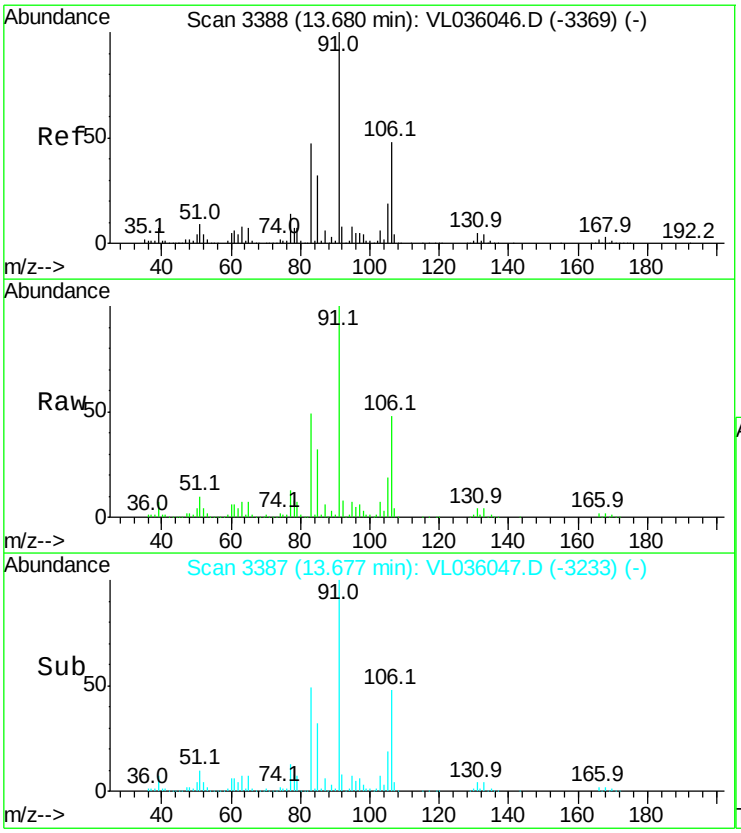
#59
m/p-Xylene
Concen: 2.135 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 939474

Ion	Ratio	Lower	Upper
91	100		
106	84.3	38.7	58.1#

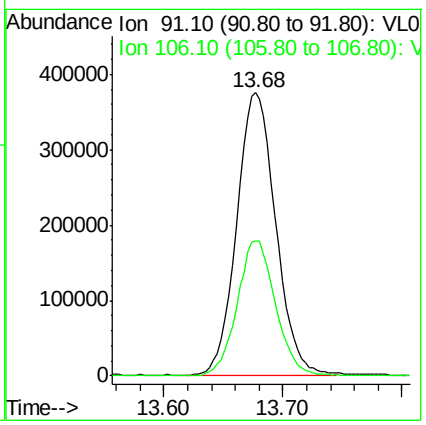


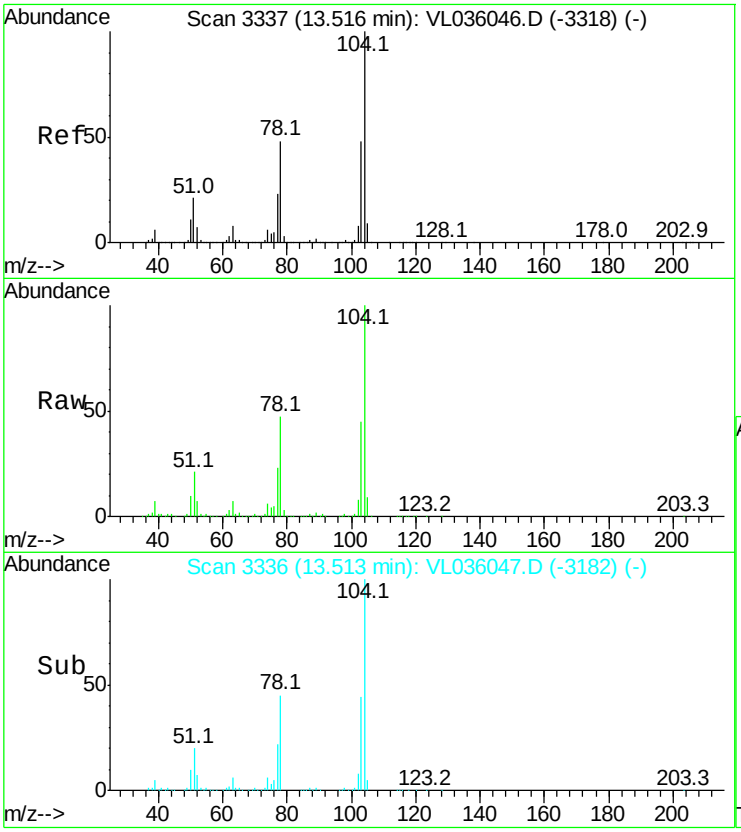


#60
o-Xylene
Concen: 1.986 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 91 Resp: 850406

Ion	Ratio	Lower	Upper
91	100		
106	47.4	24.1	72.3



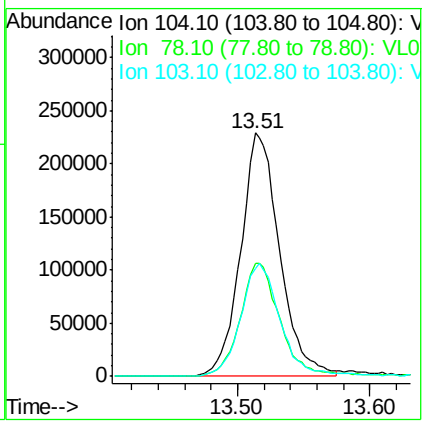


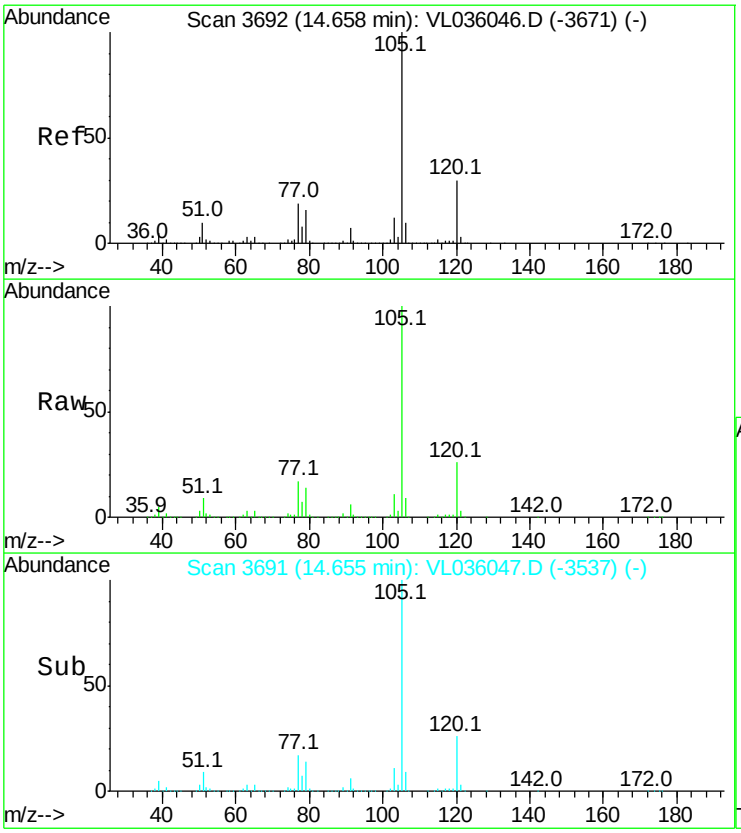
#61
Styrene
Concen: 1.496 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:104 Resp: 469247

Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.0	57.0
103	47.5	37.7	56.5

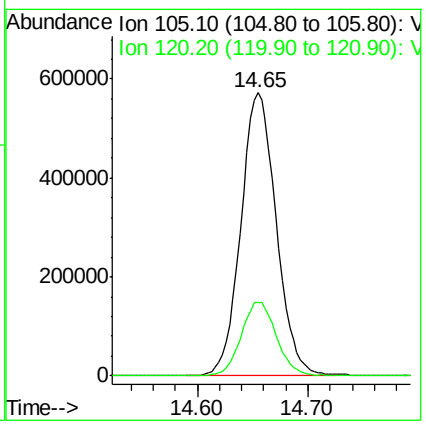


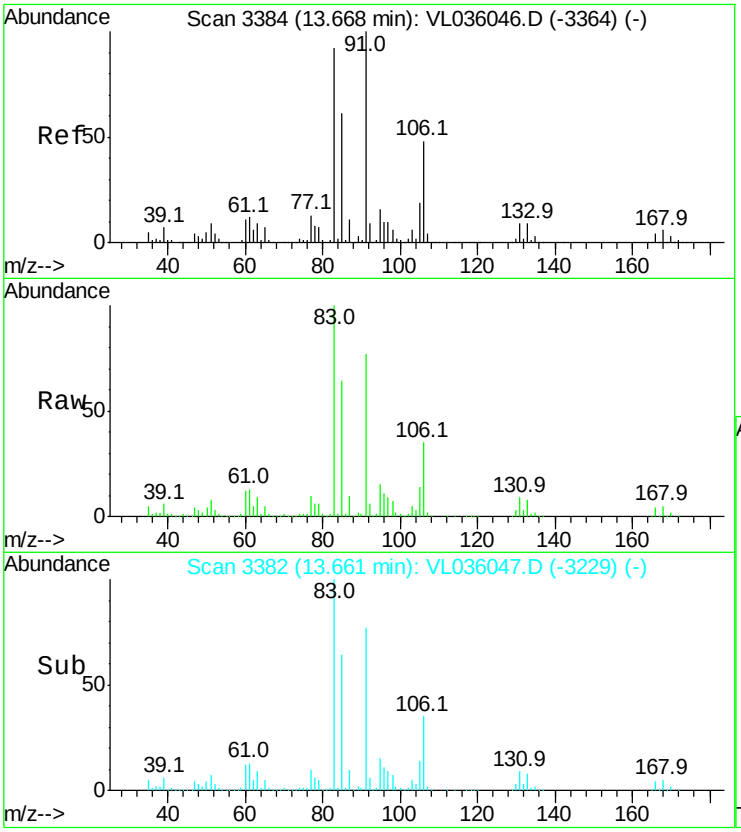


#62
Isopropylbenzene
Concen: 1.888 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:105 Resp: 1270340

Ion	Ratio	Lower	Upper
105	100		
120	26.1	22.6	34.0



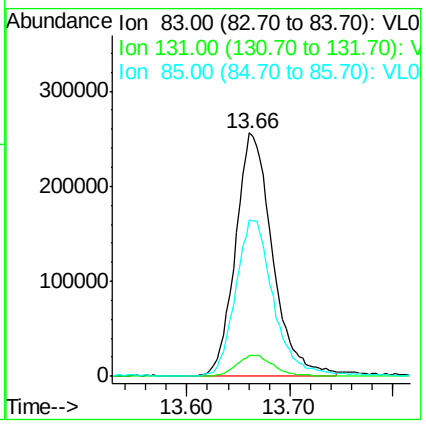


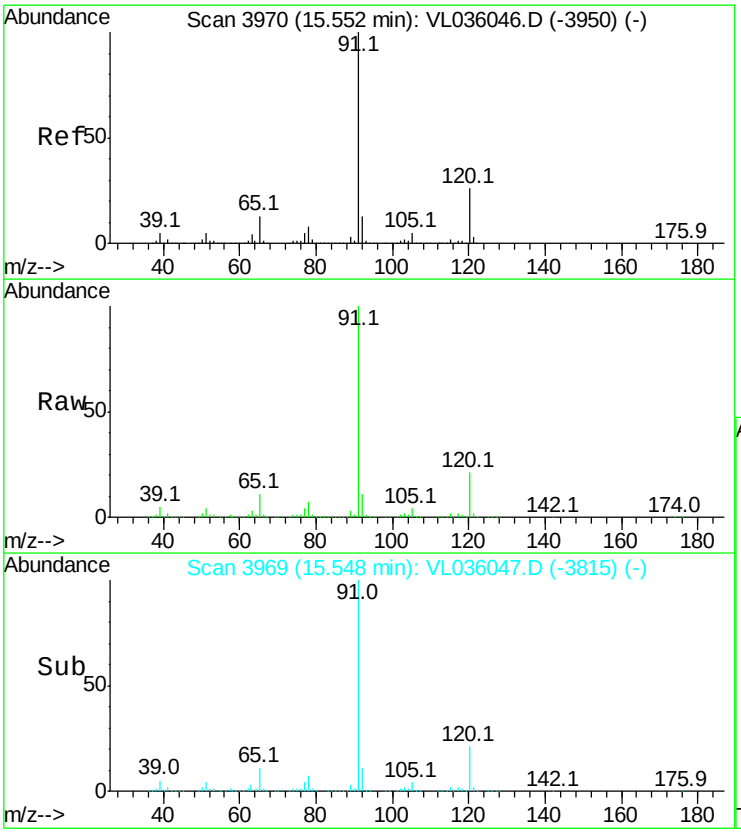
#63
1,1,2,2-Tetrachloroethane
Concen: 1.920 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 636919

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.8	14.4
85	66.6	33.3	99.9

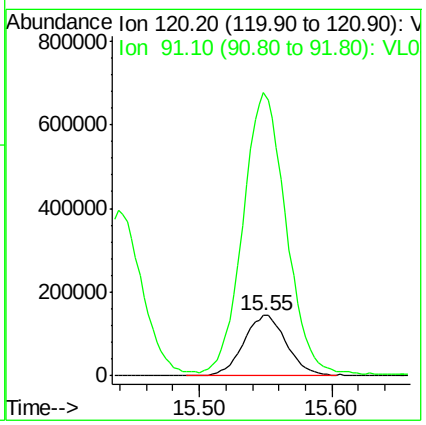


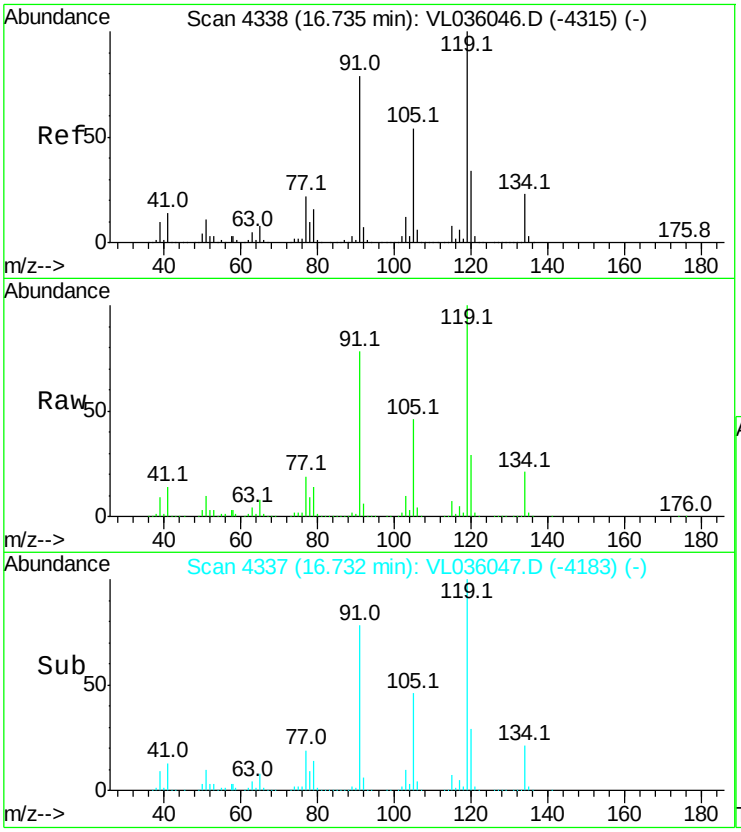


#64
n-propylbenzene
Concen: 1.666 ppbv
RT: 15.55 min Scan# 3969
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:120 Resp: 323942

Ion	Ratio	Lower	Upper
120	100		
91	479.0	331.4	497.2



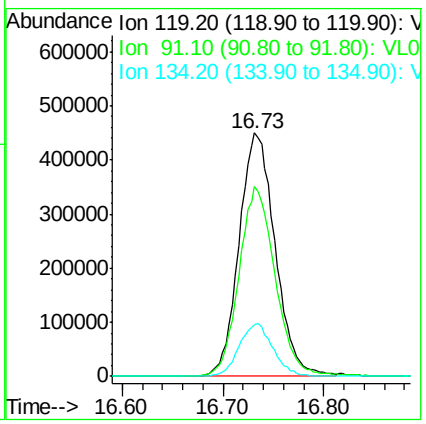


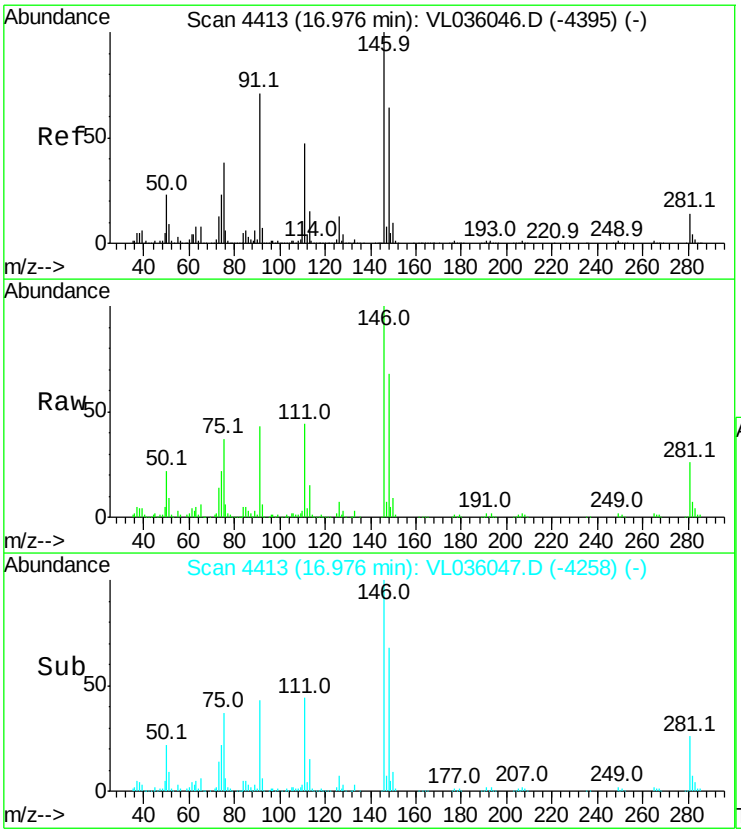
#65
tert-Butylbenzene
Concen: 1.818 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 1113194

Ion	Ratio	Lower	Upper
119	100		
91	78.4	63.4	95.2
134	20.5	17.1	25.7

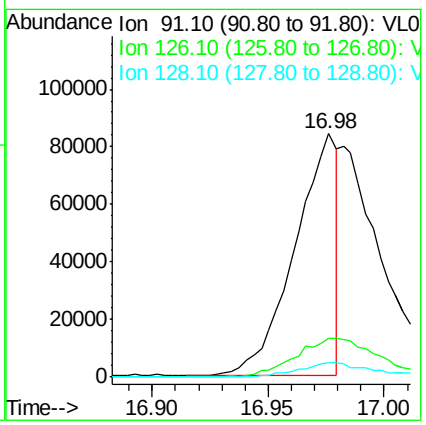


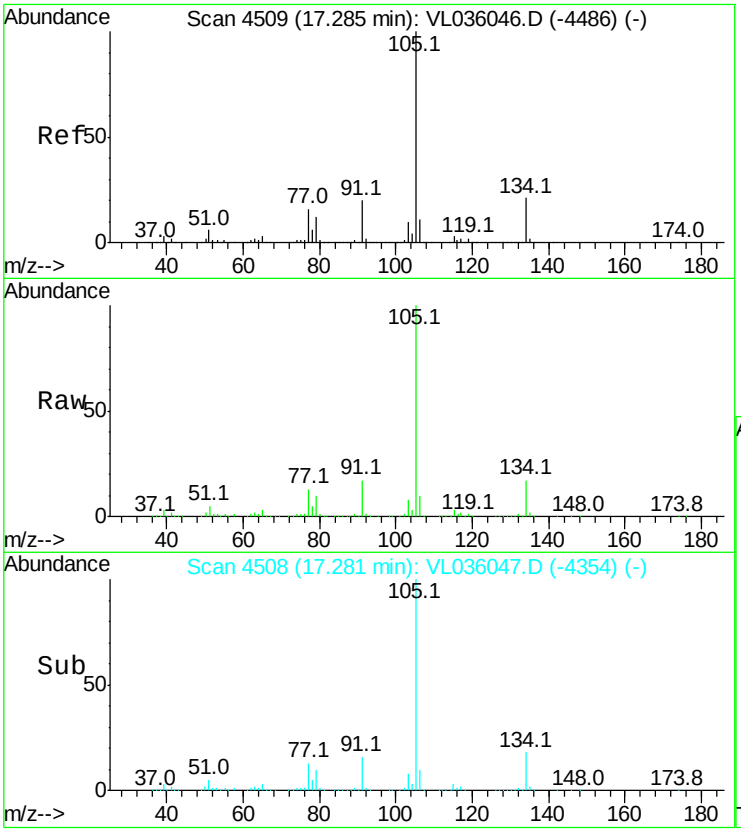


#66
Benzyl Chloride
Concen: 0.527 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 91 Resp: 106639

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.3	21.5#
128	0.0	4.7	7.1#



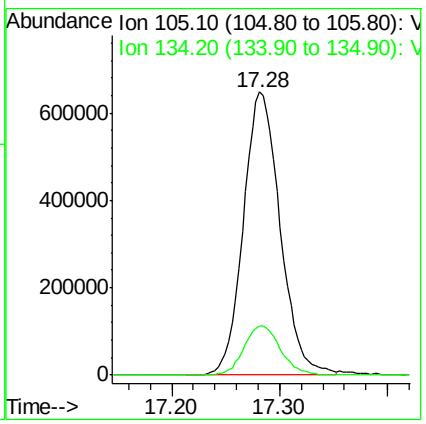


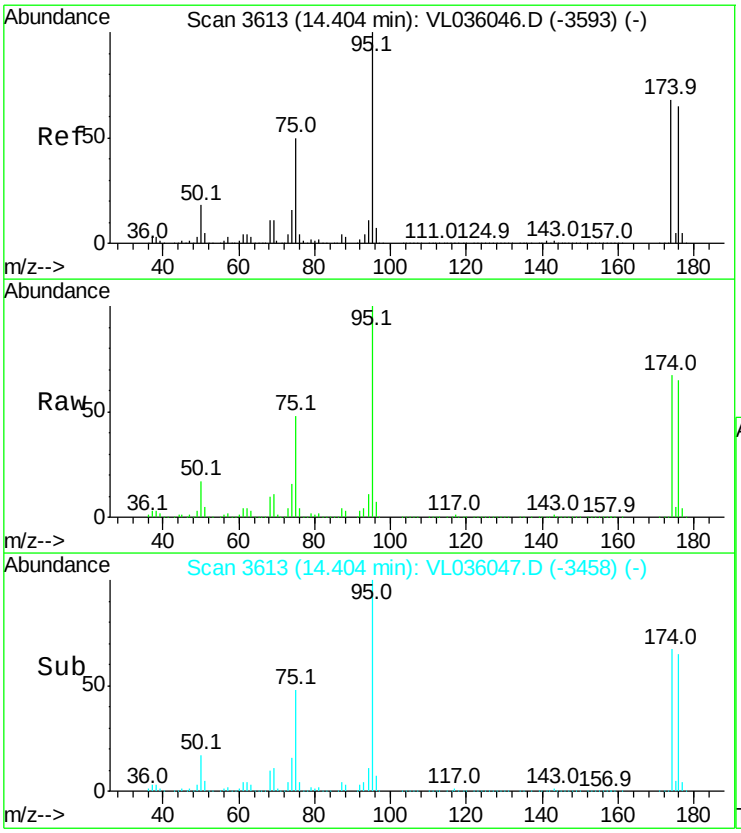
#67
sec-Butylbenzene
Concen: 1.859 ppbv
RT: 17.28 min Scan# 4508
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1534244

Ion	Ratio	Lower	Upper
105	100		
134	17.5	15.8	23.8

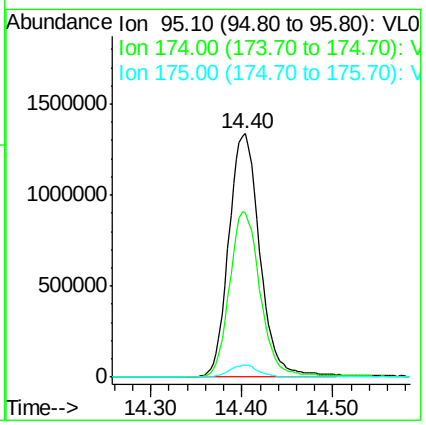


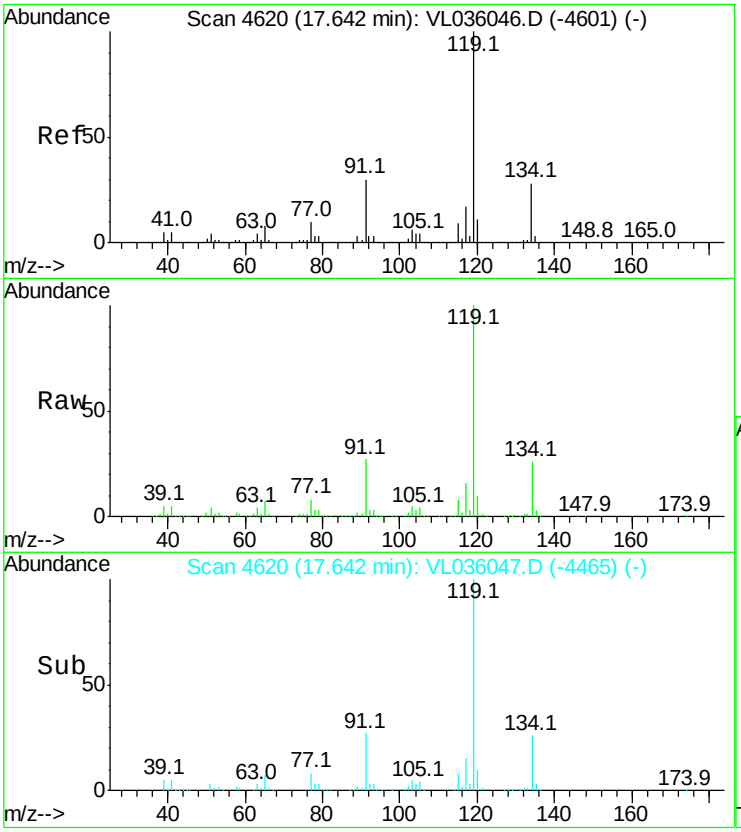


#68
1-Bromo-4-Fluorobenzene
Concen: 10.478 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 95 Resp: 3179453

Ion	Ratio	Lower	Upper
95	100		
174	68.3	54.2	81.2
175	4.8	3.8	5.8



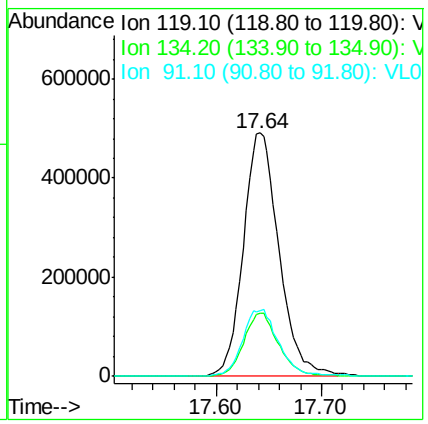


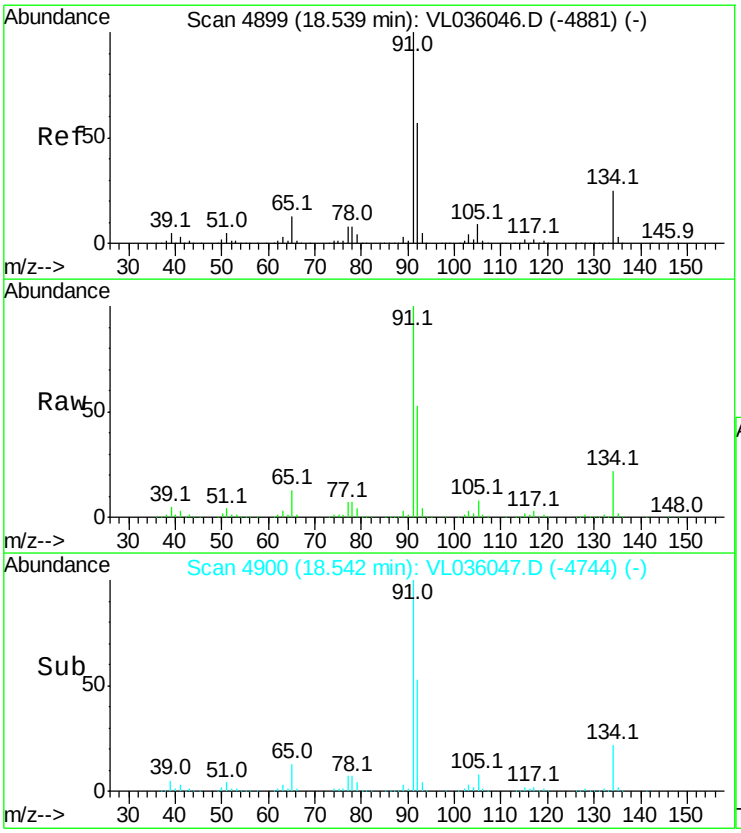
#69
p-Isopropyltoluene
Concen: 1.694 ppbv
RT: 17.64 min Scan# 4620
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1153484

Ion	Ratio	Lower	Upper
119	100		
134	25.7	22.2	33.2
91	27.8	23.2	34.8

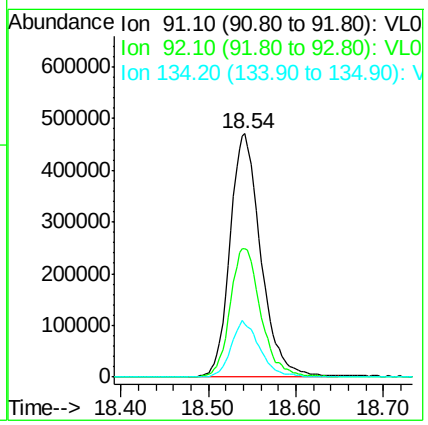


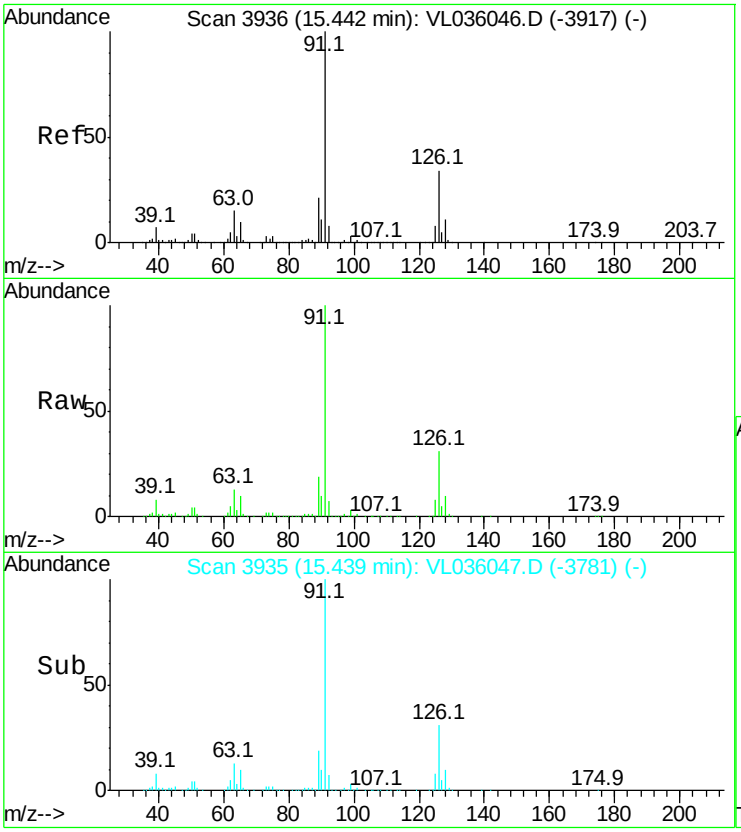


#70
n-Butylbenzene
Concen: 1.751 ppbv
RT: 18.54 min Scan# 4900
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion: 91 Resp: 1148845

Ion	Ratio	Lower	Upper
91	100		
92	53.3	45.2	67.8
134	21.8	19.2	28.8



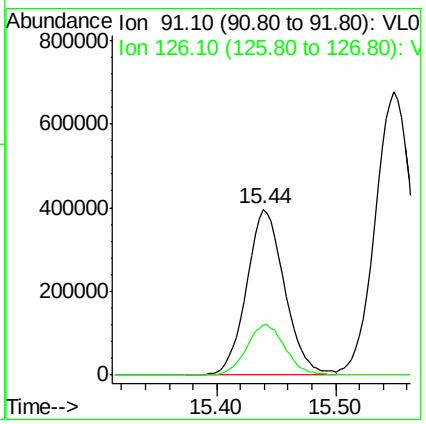


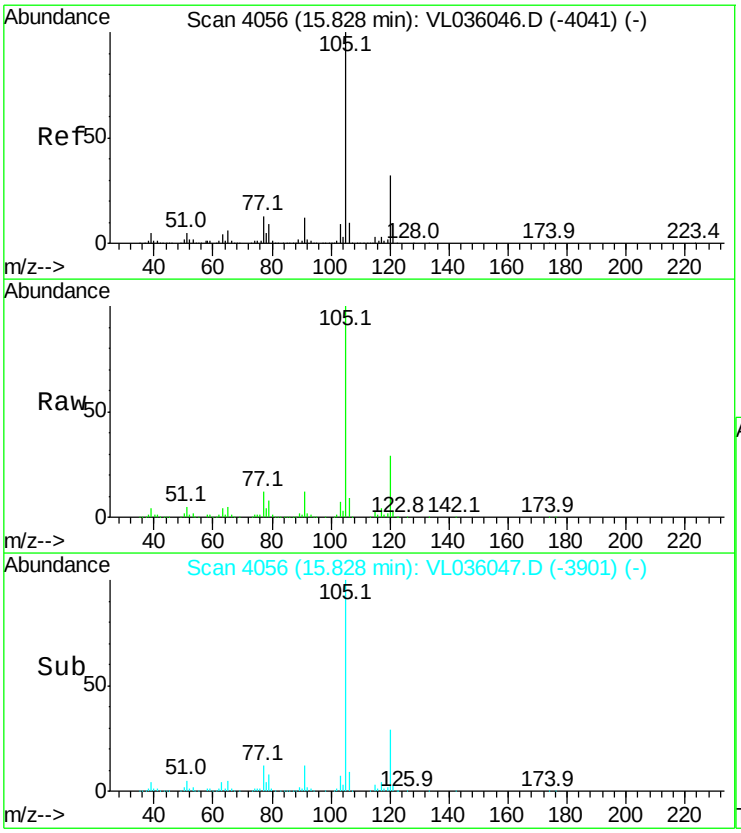
#71
2-Chlorotoluene
Concen: 1.777 ppbv
RT: 15.44 min Scan# 3935
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 874827

Ion	Ratio	Lower	Upper
91	100		
126	31.6	13.2	53.0

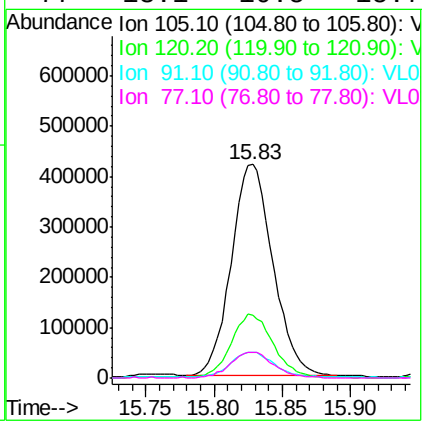


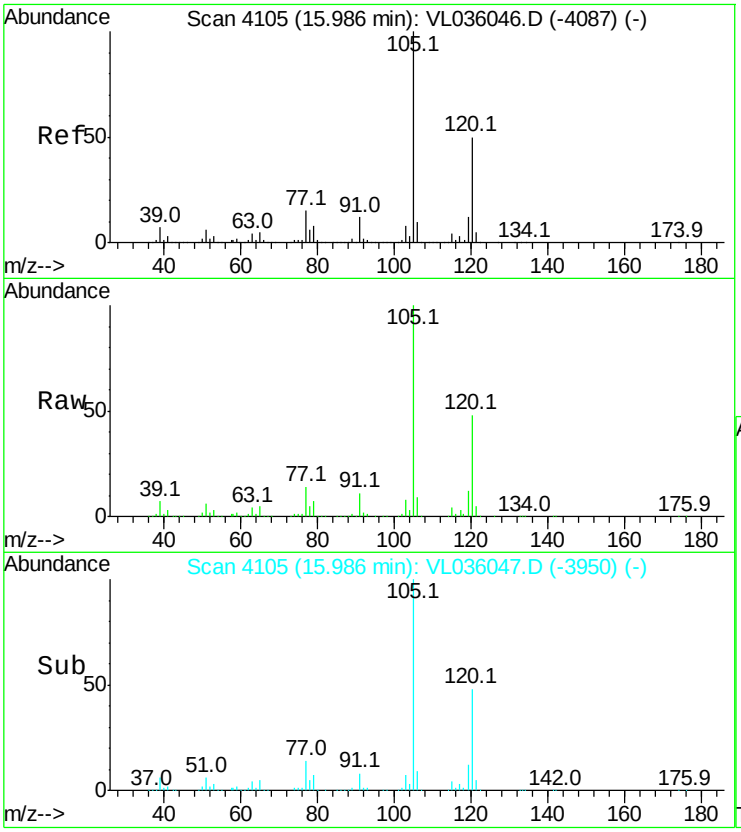


#72
4-Ethyltoluene
Concen: 1.717 ppbv
RT: 15.83 min Scan# 4056
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:105 Resp: 891743

Ion	Ratio	Lower	Upper
105	100		
120	30.9	25.3	37.9
91	13.1	10.1	15.1
77	13.1	10.5	15.7



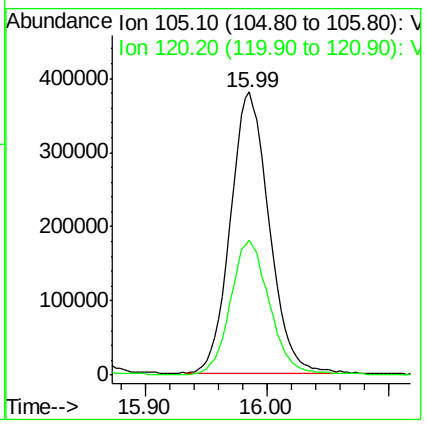


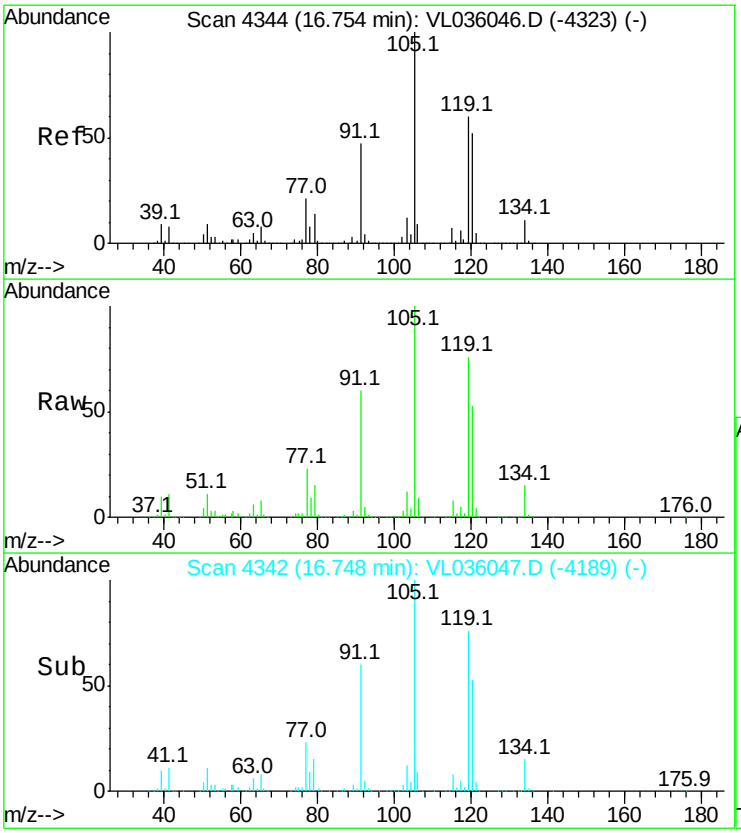
#73
1,3,5-Trimethylbenzene
Concen: 1.743 ppbv
RT: 15.99 min Scan# 4105
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 828269

Ion	Ratio	Lower	Upper
105	100		
120	47.8	39.8	59.8

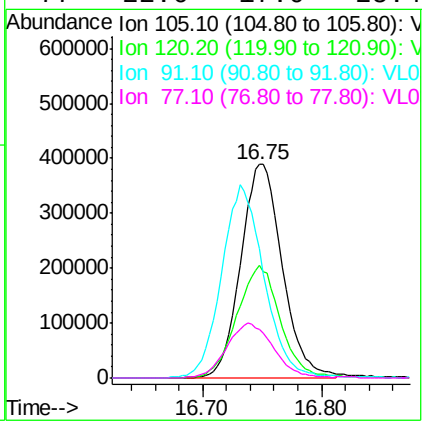


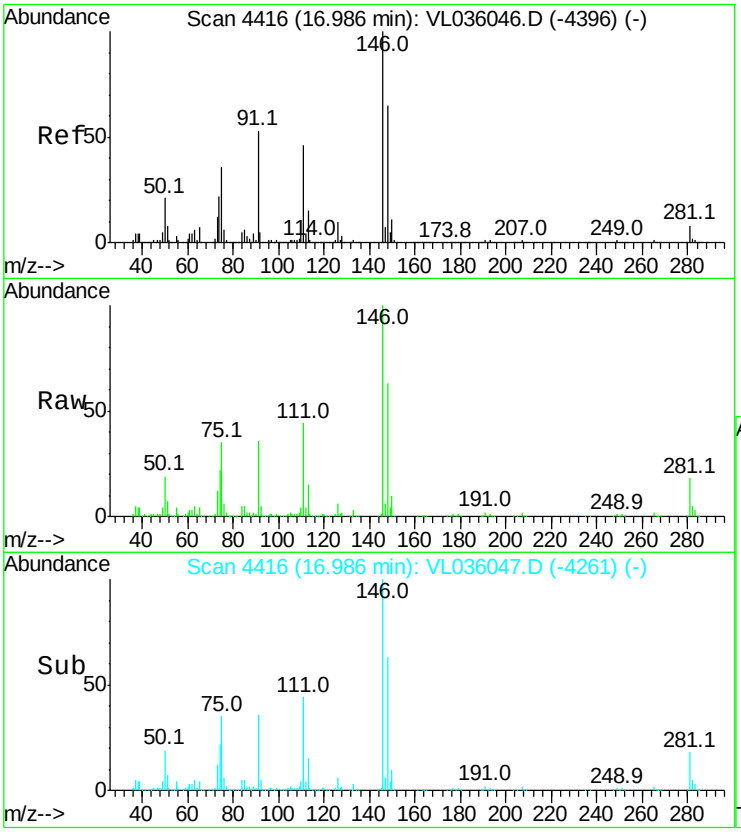


#74
1,2,4-Trimethylbenzene
Concen: 1.839 ppbv
RT: 16.75 min Scan# 4342
Delta R.T. -0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:105 Resp: 936394

Ion	Ratio	Lower	Upper
105	100		
120	52.2	41.5	62.3
91	59.1	38.1	57.1#
77	22.6	17.0	25.4



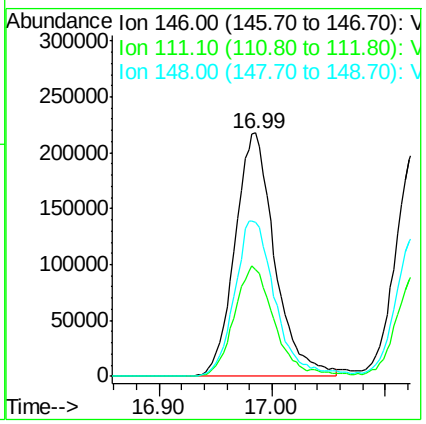


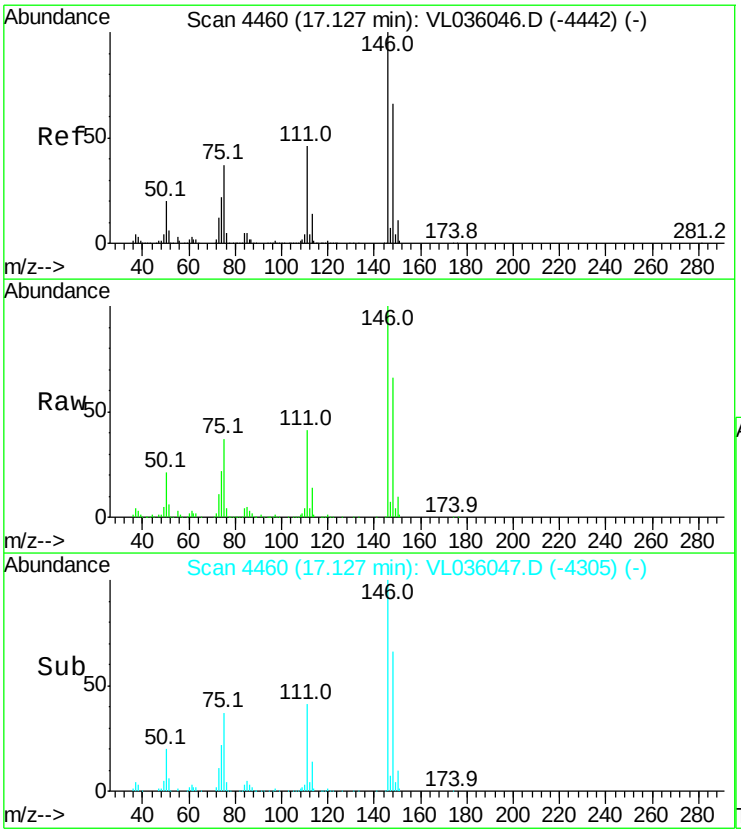
#75
1,3-Dichlorobenzene
Concen: 1.642 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 532420

Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.9	68.7
148	65.0	32.4	97.0

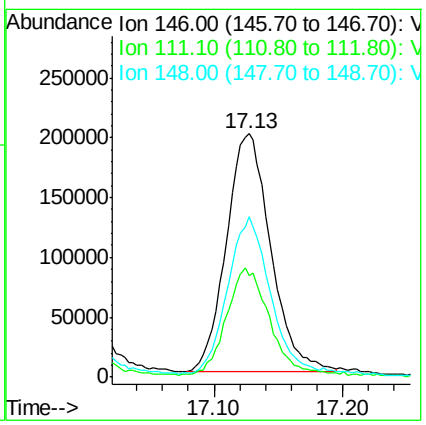


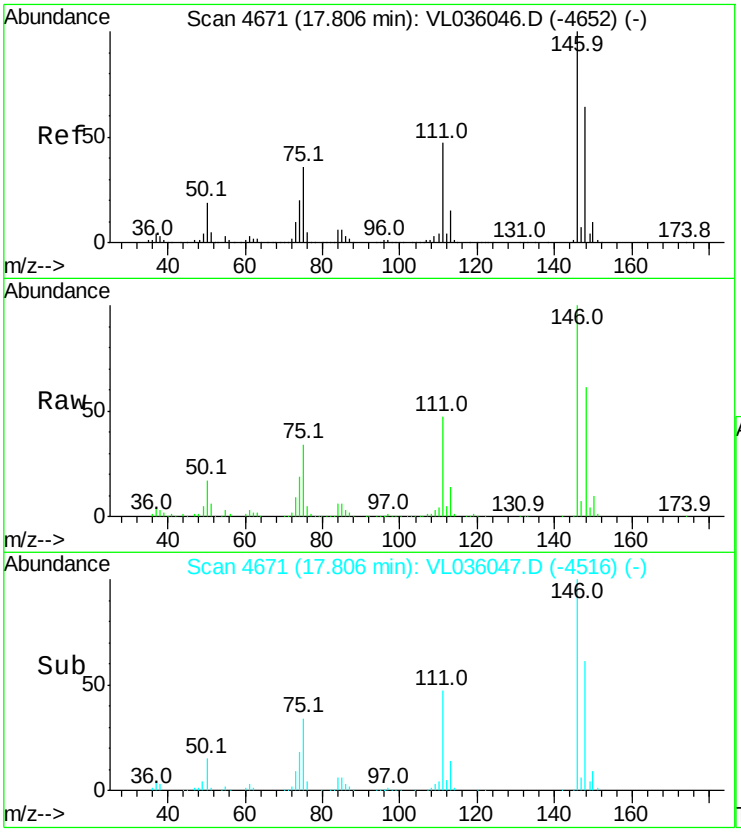


#76
1,4-Dichlorobenzene
Concen: 1.524 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:146 Resp: 476617

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.4	67.2
148	67.2	33.0	98.9



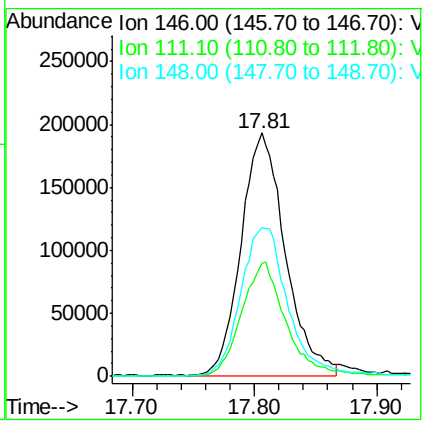


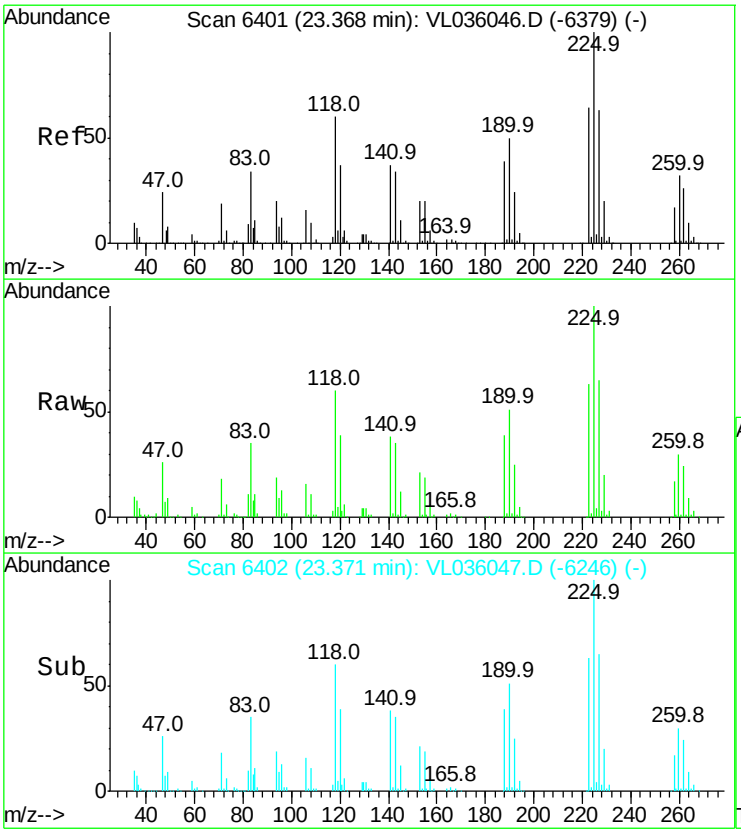
#77
1,2-Dichlorobenzene
Concen: 1.521 ppbv
RT: 17.81 min Scan# 4671
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 480758

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.5	70.6
148	66.0	32.5	97.5

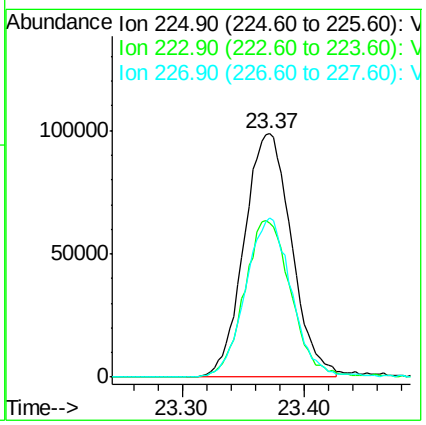


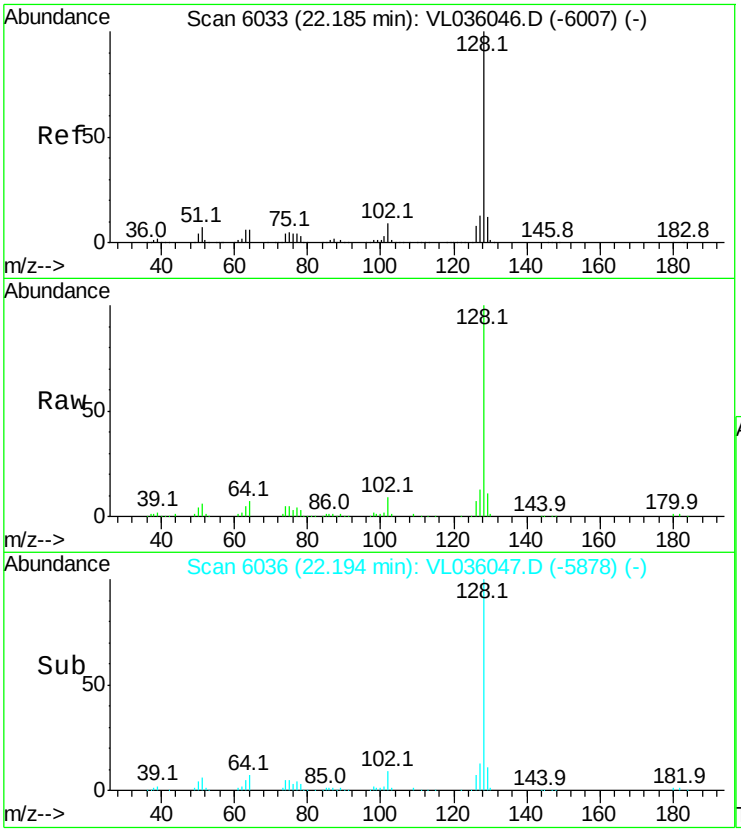


#78
Hexachloro-1,3-Butadiene
Concen: 1.798 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:225 Resp: 265052

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.4
227	63.8	51.2	76.8



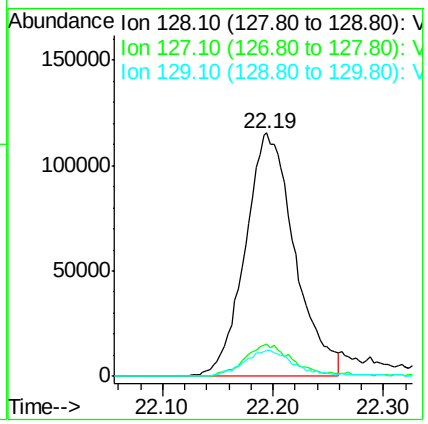


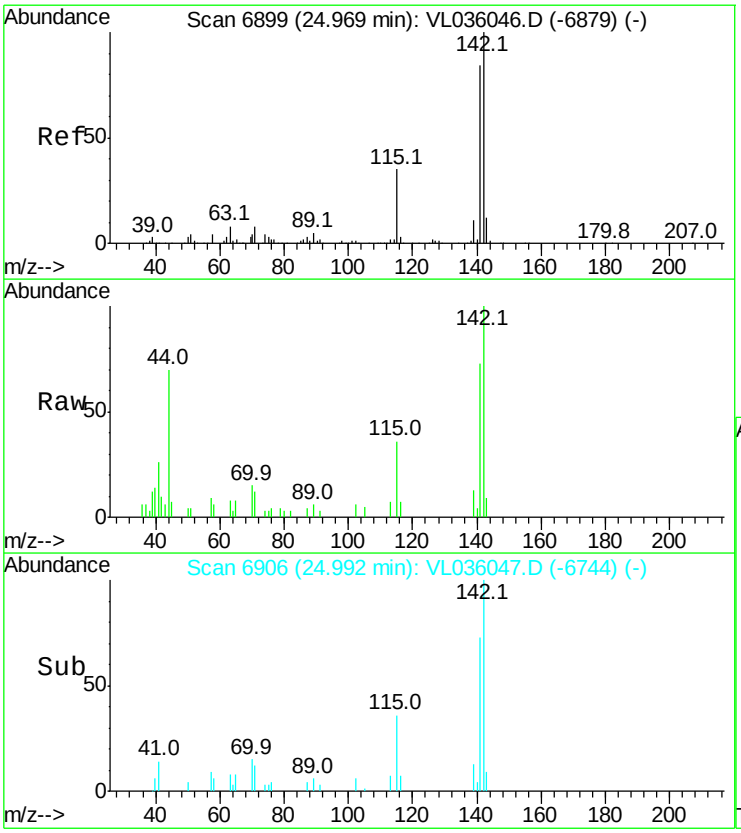
#79
Naphthalene
Concen: 1.016 ppbv
RT: 22.19 min Scan# 6036
Delta R.T. 0.01 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 360525

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	9.3	13.9

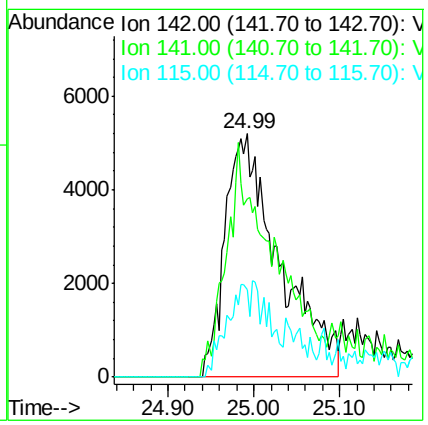


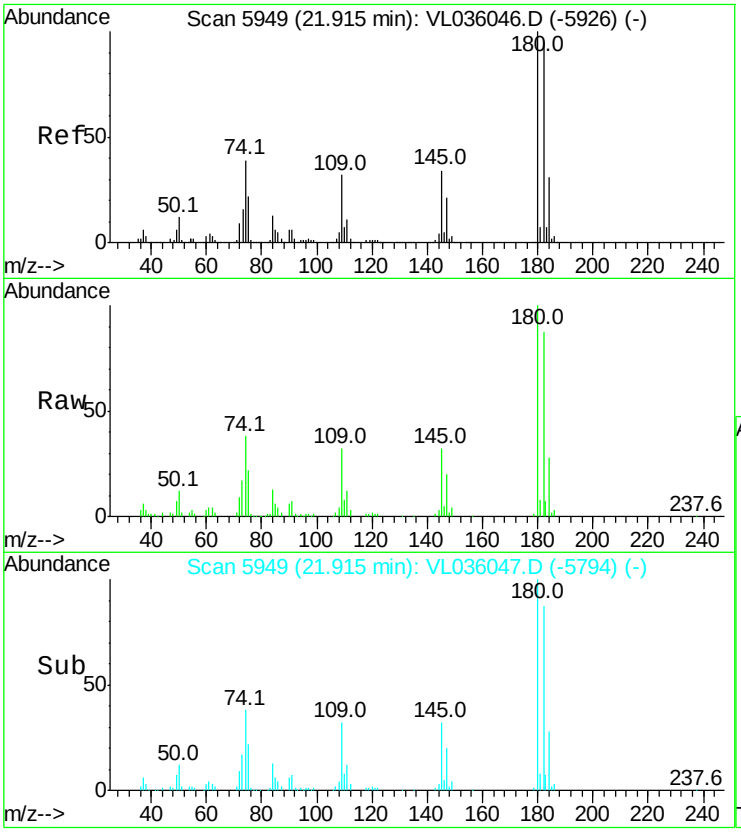


#80
Naphthalene,2-methyl-
Concen: 0.395 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. 0.02 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Tgt Ion:142 Resp: 22869

Ion	Ratio	Lower	Upper
142	100		
141	94.5	68.6	103.0
115	28.4	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 0.535 ppbv
RT: 21.91 min Scan# 5949
Delta R.T. -0.00 min
Lab File: VL036047.D
Acq: 3 Dec 2020 10:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 106172

Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.5	117.7#
184	0.0	25.0	37.6#