Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032320\

Quantitation Report (Not Reviewed)

Data File : VL034927.D
Acq On : 23 Mar 2020 11:48
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 24 01:46:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	999921	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2200900	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	2409341	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	1888002	10.05	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	1485750	10.851	ppbv		99
3) Chlorodifluoromethane	2.94	51	1103998	9.884	ppbv		97
4) Chloromethane	3.10	50	629074	9.965	ppbv		99
5) Vinyl Chloride	3.22	62	616821	10.163	ppbv		90
6) Bromomethane	3.43	94	370747	10.494	ppbv		98
7) Chloroethane	3.52	64	232204	10.595	ppbv		96
8) Dichlorotetrafluoroethane	3.15	85	1431000	10.063	ppbv		93
9) Propene	2.97	41	491435	9.215	ppbv		99
10) Heptane	8.12	43	1355089	10.324	ppbv		99
11) Trichlorofluoromethane	3.92	101	1445512	9.923	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1042298	10.223	ppbv		94
13) Ethanol	3.57	45	131127	8.088	ppbv		98
14) Bromoethene	3.70	108	443517	10.073	ppbv		98
15) Acetone	3.82	43	1157051	8.928	ppbv		98
16) 1,3-Butadiene	3.29	39	580236	9.901	ppbv		97
17) tert-Butyl alcohol	4.27	59	974125	7.802	ppbv		100
18) 1,1-Dichloroethene	4.26	96	478598	10.600	ppbv		99
19) Isopropyl Alcohol	3.94	45	712483	8.706	ppbv	#	41
20) Methylene Chloride	4.31	84	423381	10.333	ppbv		93
21) Allyl Chloride	4.38	41	816724	9.812	ppbv		99
22) trans-1,2-Dichloroethene	4.86	96	470184	10.265	ppbv		98
23) Vinyl Acetate	5.05	43	1808847	9.449	ppbv		98
24) 1,1-Dichloroethane	4.99	63	1262216	9.835	ppbv		100
25) Ethyl Acetate	5.66	43	2218936	9.610	ppbv		100
26) Hexane	5.67	57	1009440	10.153	ppbv		97
27) Carbon Disulfide	4.53	76	1249267	11.073	ppbv		98
28) Methyl tert-Butyl Ether	5.01	73	1506513	9.107	ppbv		100
29) Chloroform	5.74	83	1536084	10.126	ppbv		97
30) Cyclohexane	7.13	84	828413	9.986	ppbv		100
31) cis-1,2-Dichloroethene	5.54	61	1006344	9.897	ppbv		98
32) 1,1,1-Trichloroethane	6.50	97	1492940	10.100	ppbv		99
34) 2-Butanone	5.22	43	1465840	10.022	ppbv		99
35) Carbon Tetrachloride	7.01	117	1520545	11.108	ppbv		97
36) Benzene	6.89	78	1989104	10.139	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1185440	10.717	ppbv		99
38) Trichloroethene	7.84	130	743465	9.979	ppbv		96
39) 1,2-Dichloropropane	7.62	63	789967	10.164	ppbv		96
40) 1,4-Dioxane	7.83	88	155279	5.290	ppbv	#	4
41) Tetrahydrofuran	6.03	42	822533	10.393	ppbv		98
42) Bromodichloromethane	7.80	83	1664895	11.043	ppbv		99
43) Methyl Methacrylate	8.01	69	896305	10.845	ppbv		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032320\

Quantitation Report (Not Reviewed)

Data File : VL034927.D
Acq On : 23 Mar 2020 11:48
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 24 01:46:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3452536	10.415	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	1024146	10.547	ppbv		96
46) cis-1,3-Dichloropropene	8.71	75	1211786	10.502	ppbv		95
47) 1,1,2-Trichloroethane	9.48	97	825449	10.348	ppbv		96
48) Dibromochloromethane	10.32	129	1374496	10.640	ppbv		99
49) Bromoform	13.06	173	1243450	10.796	ppbv		100
50) 4-Methyl-2-Pentanone	8.74	43	2224242	10.564	ppbv		99
51) 2-Hexanone	10.14	43	1821199	10.644	ppbv	#	100
52) Tetrachloroethene	11.24	164	329014	4.239	ppbv		93
53) Toluene	9.82	91	2312437	10.207	ppbv		100
54) 1,2-Dibromoethane	10.63	107	1253809	10.442	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.15	131	1037327	9.585	ppbv		99
57) Chlorobenzene	12.17	112	1734349	9.200	ppbv		96
58) Ethyl Benzene	12.73	91	3150791	9.657	ppbv		99
59) m/p-Xylene	13.02	91	2185334	7.995	ppbv	#	6
60) o-Xylene	13.72	91	2593947	9.719	ppbv		98
61) Styrene	13.55	104	1863097	9.947	ppbv		98
62) Isopropylbenzene	14.69	105	3829856	9.490	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.70	83	1852475	10.224	ppbv		99
64) n-propylbenzene	15.59	120	991453	9.439	ppbv		90
65) tert-Butylbenzene	16.78	119	3307684	9.376	ppbv		97
66) Benzyl Chloride	17.02	91	1320990	8.980	ppbv		97
67) sec-Butylbenzene	17.32	105	4742909	9.695	ppbv		99
69) p-Isopropyltoluene	17.68	119	3947136	9.623	ppbv		98
70) n-Butylbenzene	18.58	91	4216613	10.075	ppbv		99
71) 2-Chlorotoluene	15.48	91	2971061	9.721	ppbv		98
72) 4-Ethyltoluene	15.87	105	3094208	9.817	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	2881634	9.766	ppbv		96
74) 1,2,4-Trimethylbenzene	16.79	105	3007620	9.894	ppbv	#	93
75) 1,3-Dichlorobenzene	17.03	146	1725186	9.412	ppbv		99
76) 1,4-Dichlorobenzene	17.17	146	1730542	9.461	ppbv		99
77) 1,2-Dichlorobenzene	17.85	146	1688334	9.503	ppbv		98
78) Hexachloro-1,3-Butadiene	23.41	225	1358100	9.152	ppbv		99
79) Naphthalene	22.25	128	2828982	11.933	ppbv		100
80) Naphthalene,2-methyl-	25.01	142	1117271	18.034	ppbv		98
81) 1,2,4-Trichlorobenzene	21.98	180	867847	5.762	ppbv	#	24

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

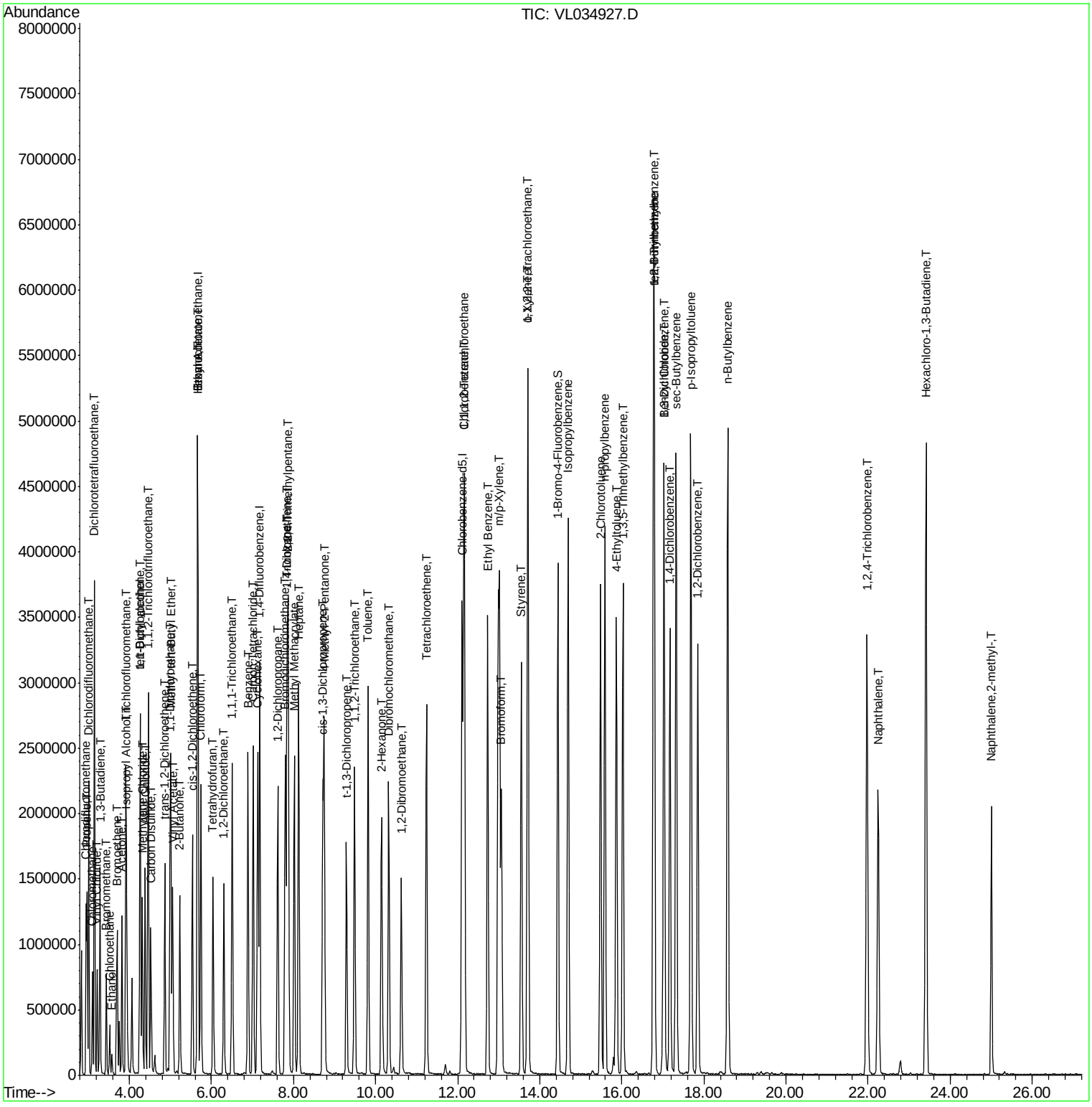
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032320\

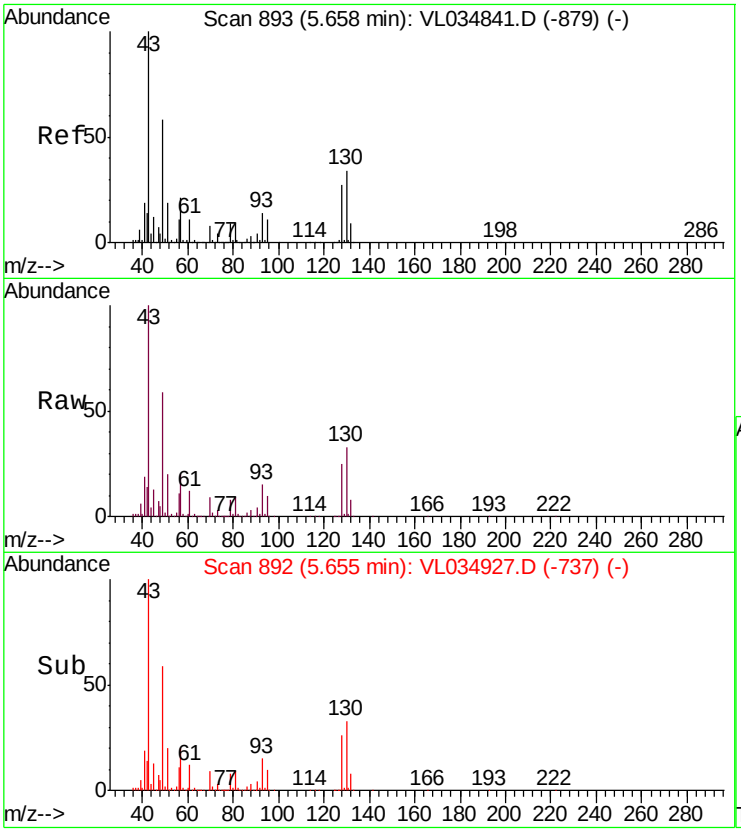
Quantitation Report (Not Reviewed)

Data File : VL034927.D
Acq On : 23 Mar 2020 11:48
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 24 01:46:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration



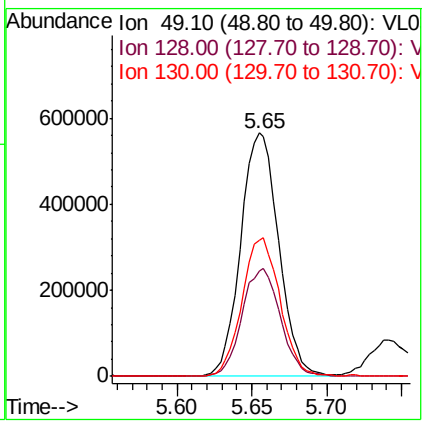


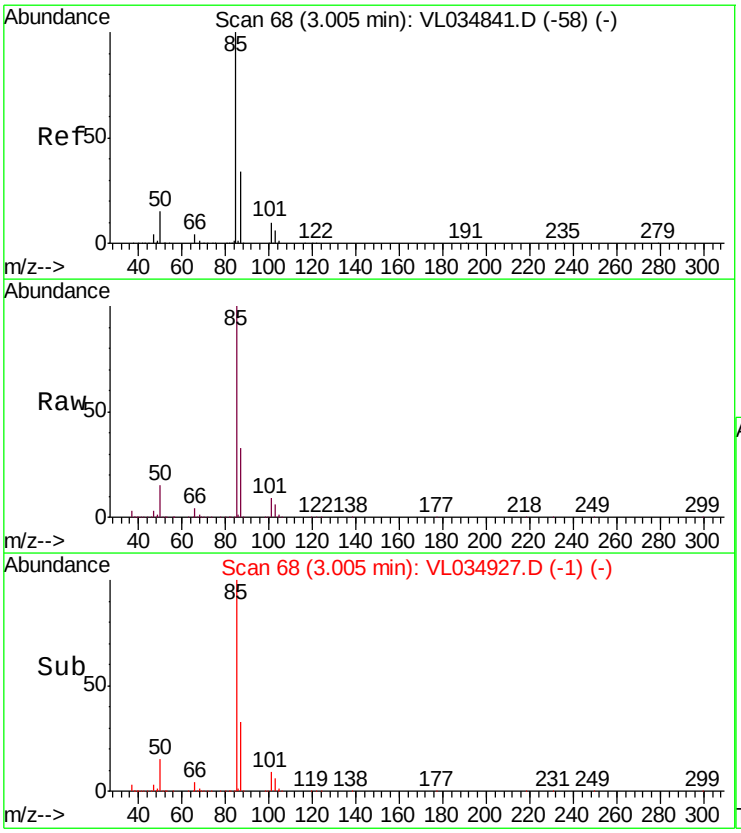
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 999921

Ion	Ratio	Lower	Upper
49	100		
128	44.6	23.4	70.3
130	57.3	30.0	90.0

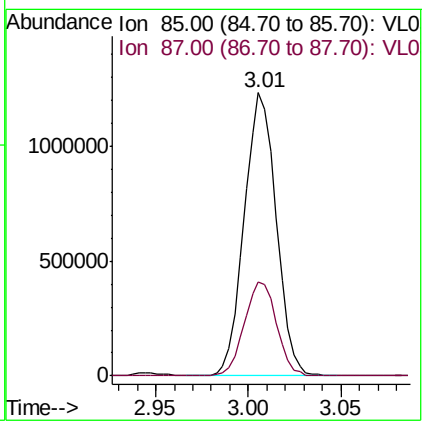


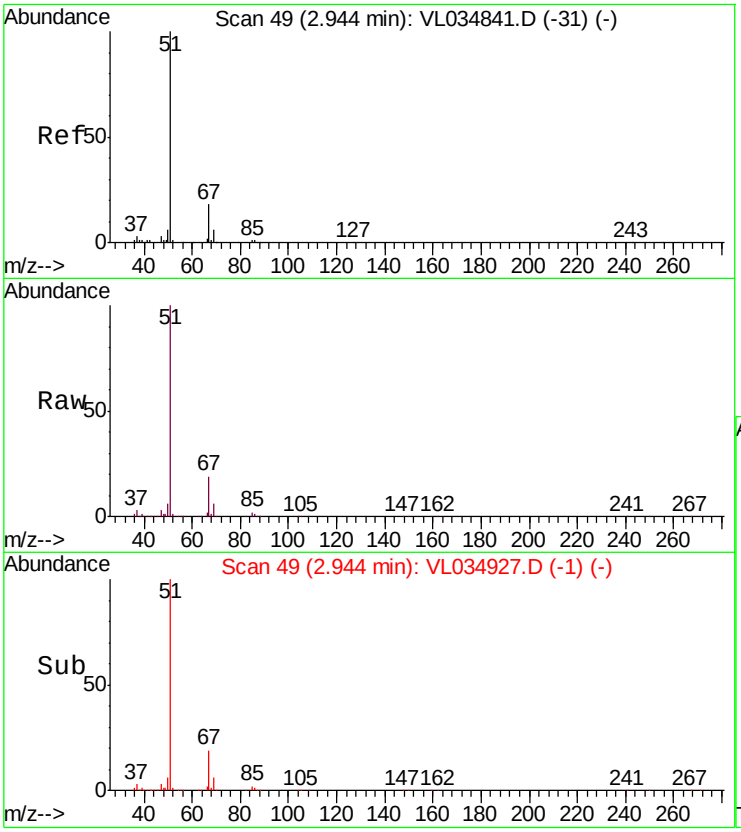


#2
Dichlorodifluoromethane
Concen: 10.851 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 85 Resp: 1485750

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.9	40.3



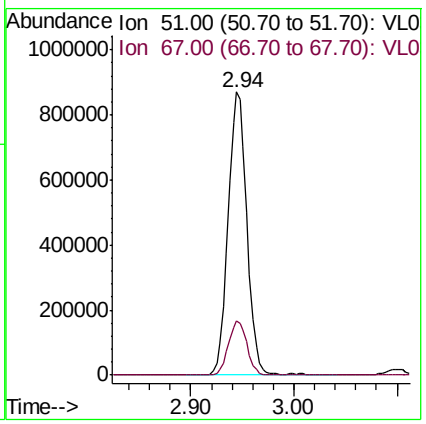


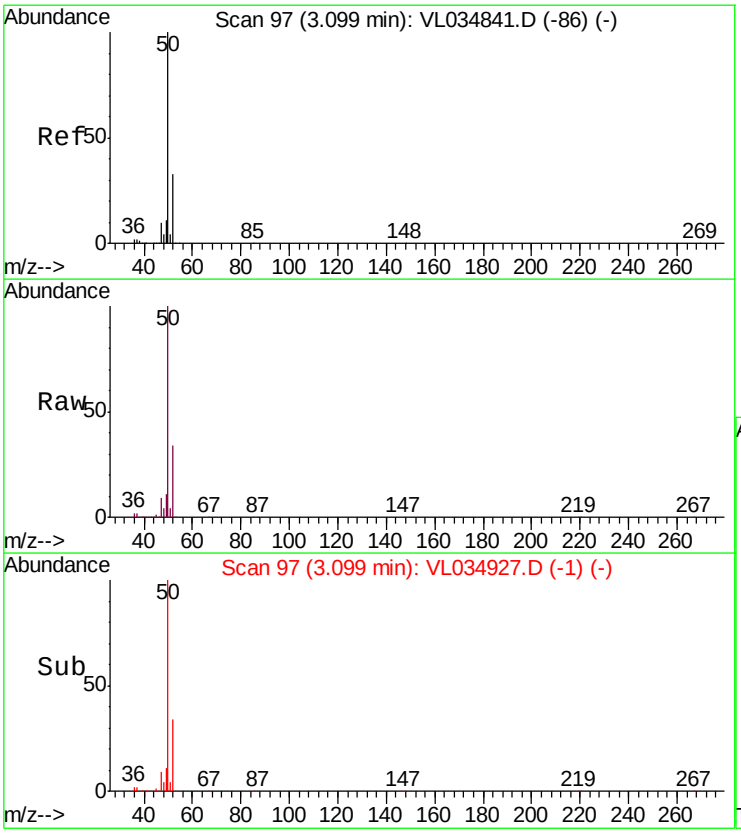
#3
Chlorodifluoromethane
Concen: 9.884 ppbv
RT: 2.94 min Scan# 49
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1103998

Ion	Ratio	Lower	Upper
51	100		
67	19.0	14.3	21.5

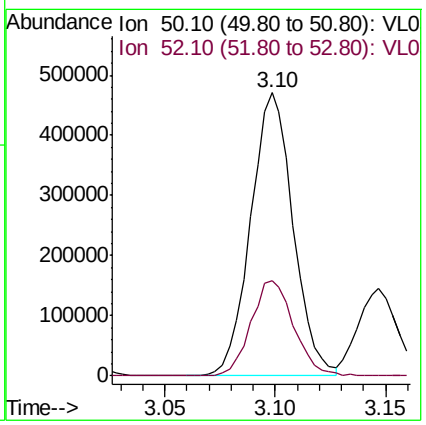


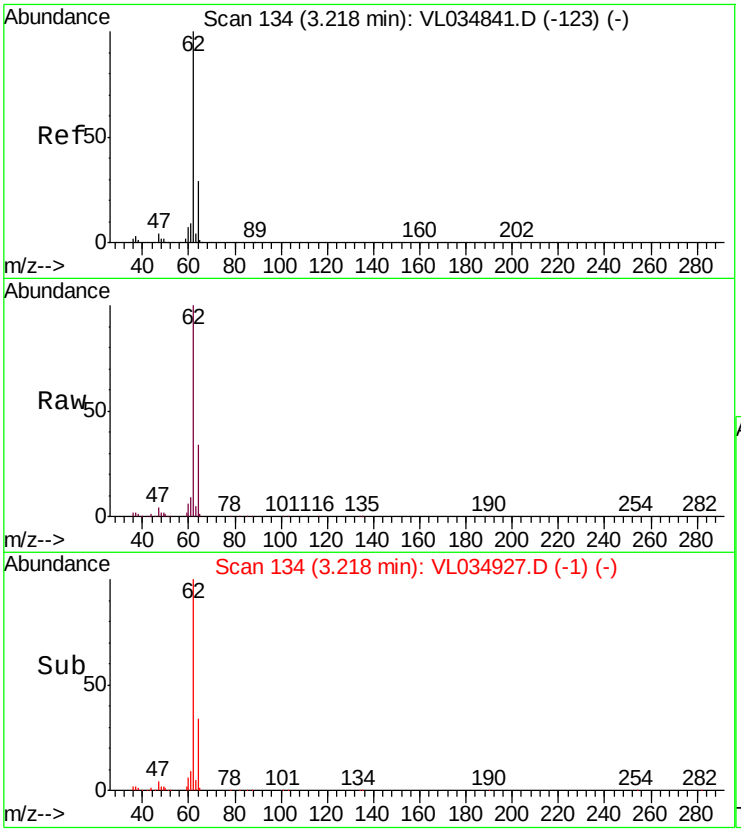


#4
Chloromethane
Concen: 9.965 ppbv
RT: 3.10 min Scan# 97
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 50 Resp: 629074

Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.8	40.2



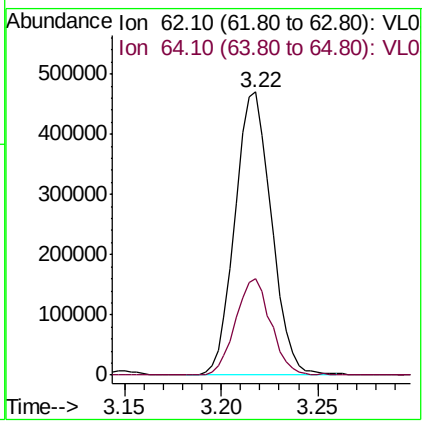


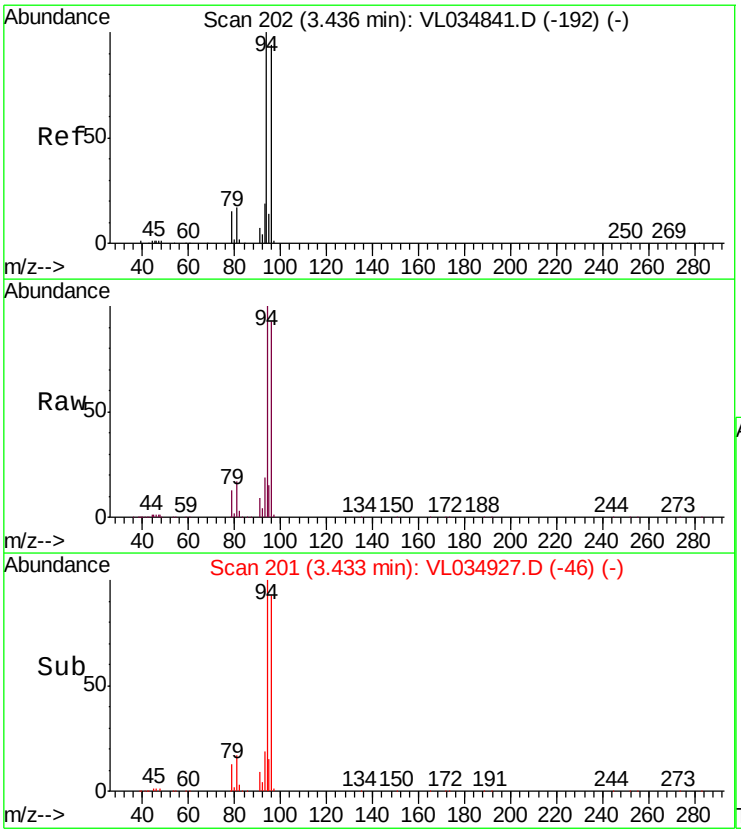
#5
Vinyl Chloride
Concen: 10.163 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 616821

Ion	Ratio	Lower	Upper
62	100		
64	34.1	23.0	34.4

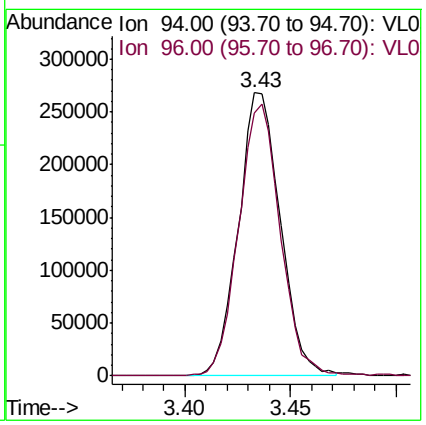


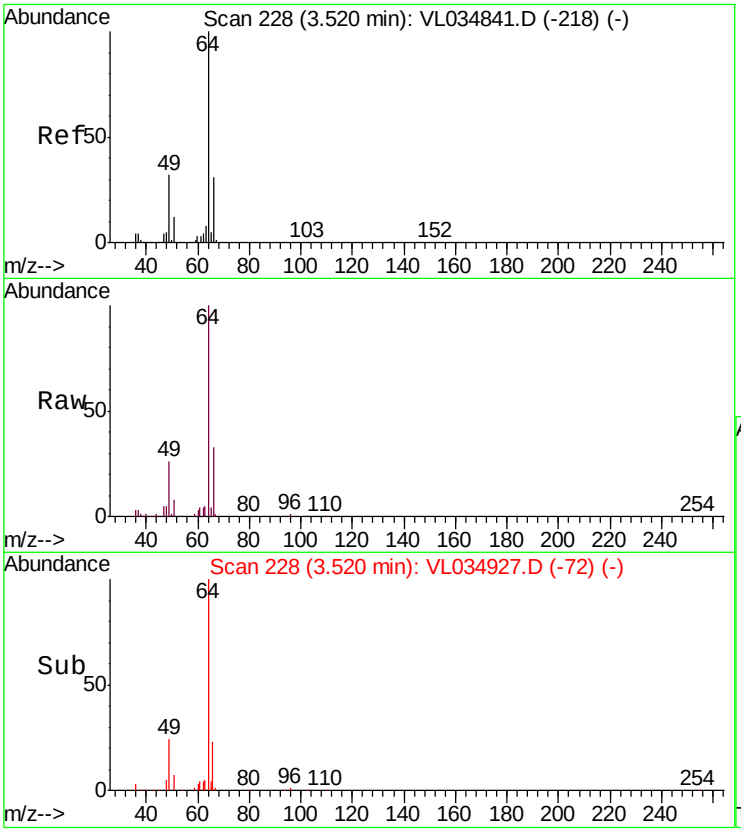


#6
Bromomethane
Concen: 10.494 ppbv
RT: 3.43 min Scan# 201
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 94 Resp: 370747

Ion	Ratio	Lower	Upper
94	100		
96	92.9	75.5	113.3



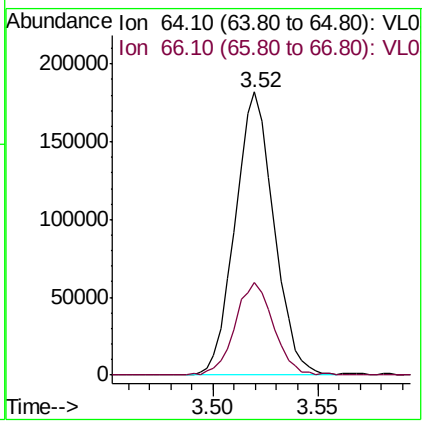


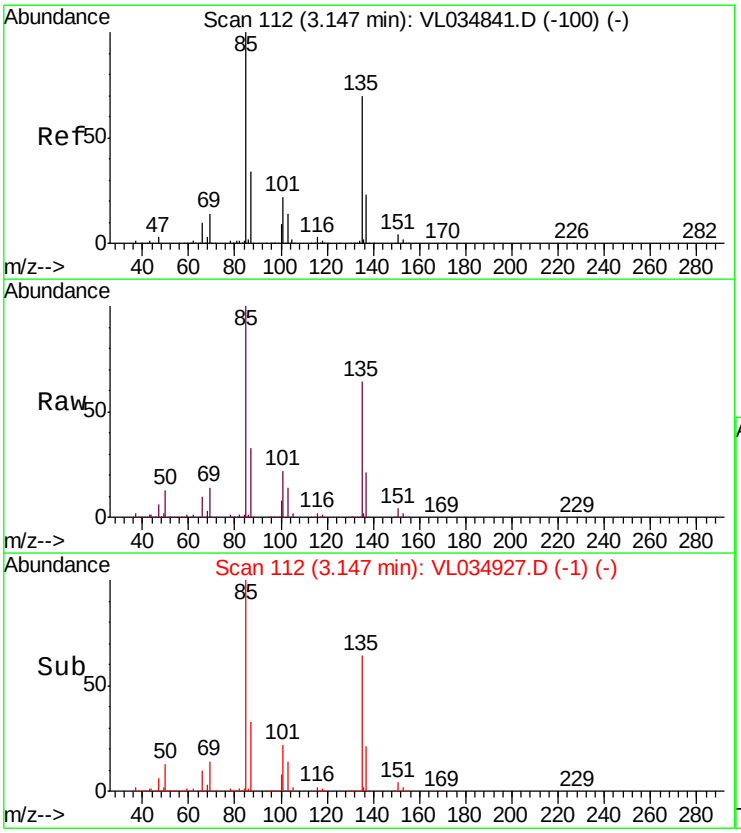
#7
Chloroethane
Concen: 10.595 ppbv
RT: 3.52 min Scan# 228
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 232204

Ion	Ratio	Lower	Upper
64	100		
66	33.4	24.8	37.2

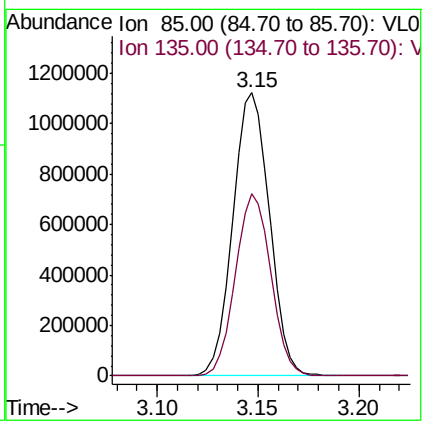


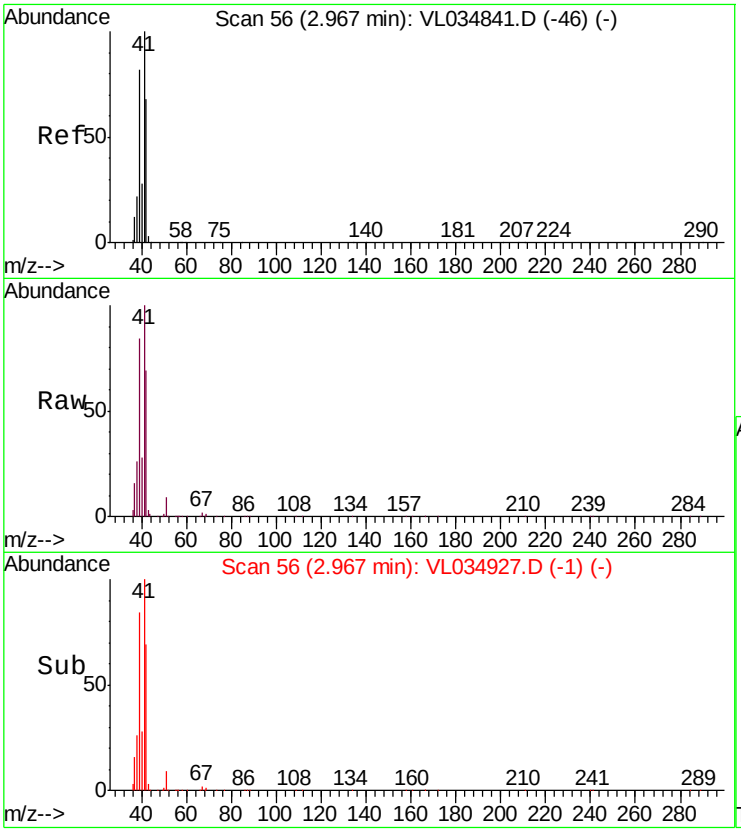


#8
Dichlorotetrafluoroethane
Concen: 10.063 ppbv
RT: 3.15 min Scan# 112
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 85 Resp: 1431000

Ion	Ratio	Lower	Upper
85	100		
135	62.6	54.3	81.5



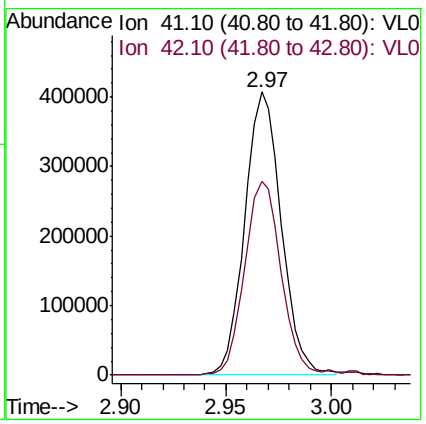


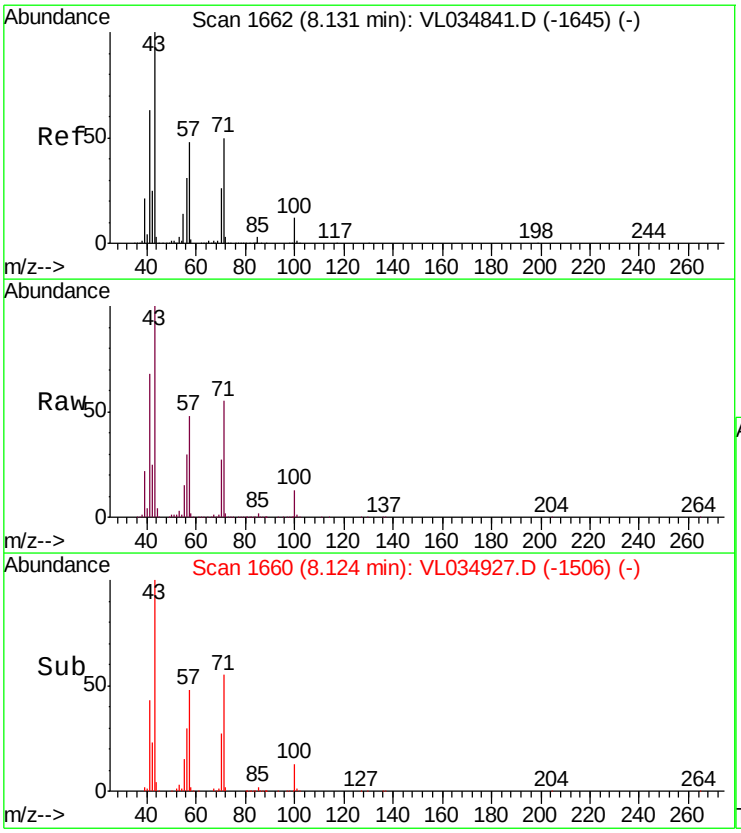
#9
Propene
Concen: 9.215 ppbv
RT: 2.97 min Scan# 56
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 491435

Ion	Ratio	Lower	Upper
41	100		
42	69.9	55.2	82.8

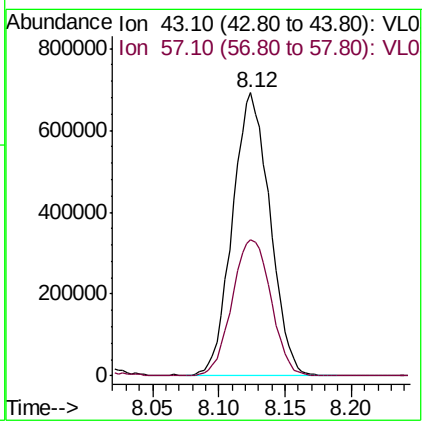


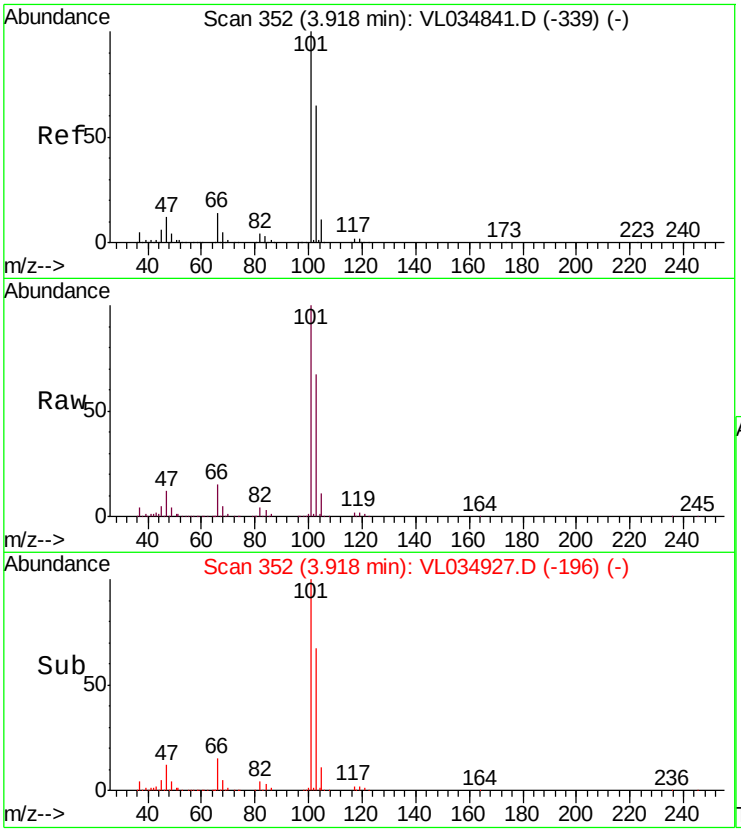


#10
Heptane
Concen: 10.324 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 43 Resp: 1355089

Ion	Ratio	Lower	Upper
43	100		
57	50.1	39.7	59.5



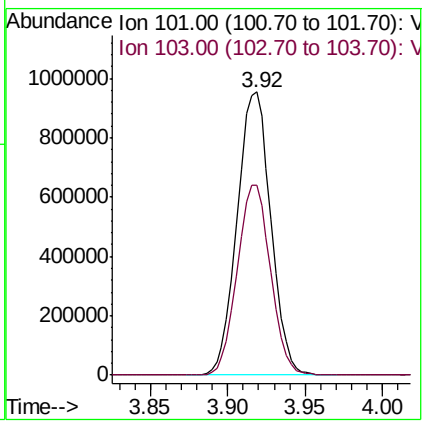


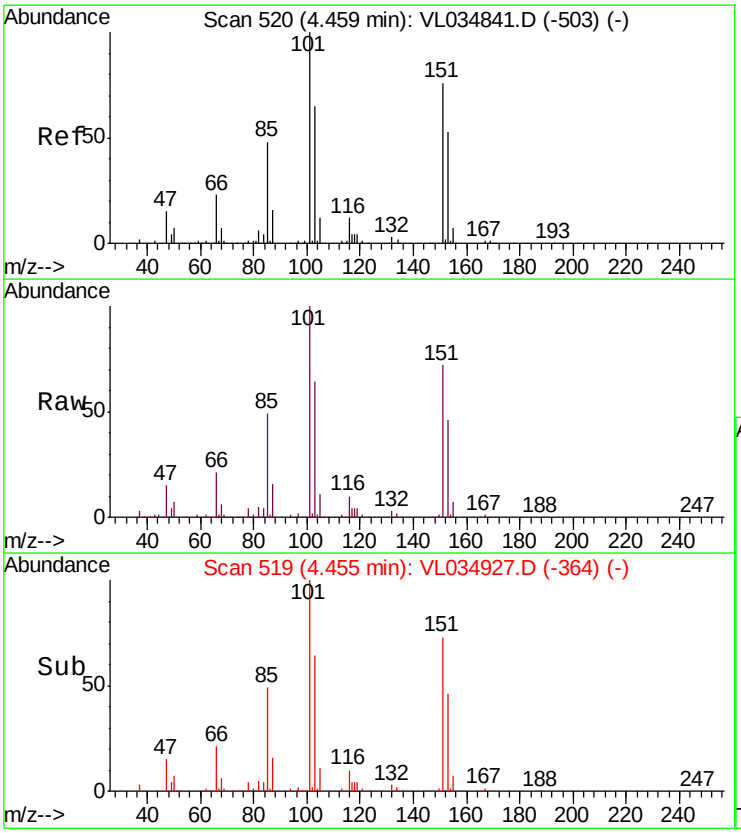
#11
Trichlorofluoromethane
Concen: 9.923 ppbv
RT: 3.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1445512

Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.8	77.8

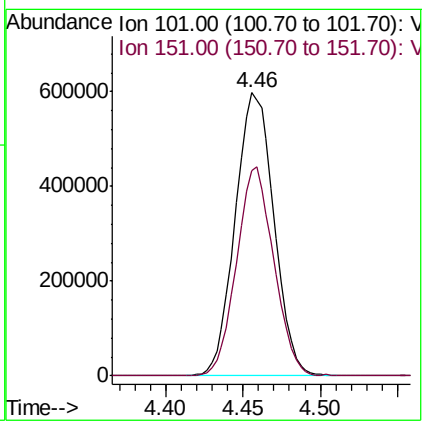


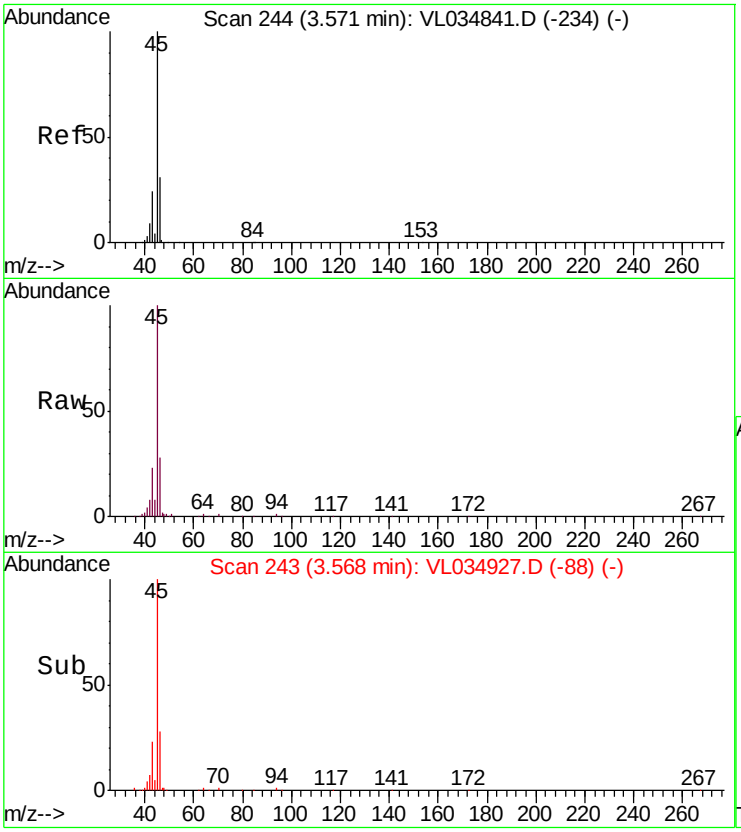


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.223 ppbv
RT: 4.46 min Scan# 519
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:101 Resp: 1042298

Ion	Ratio	Lower	Upper
101	100		
151	70.8	60.8	91.2



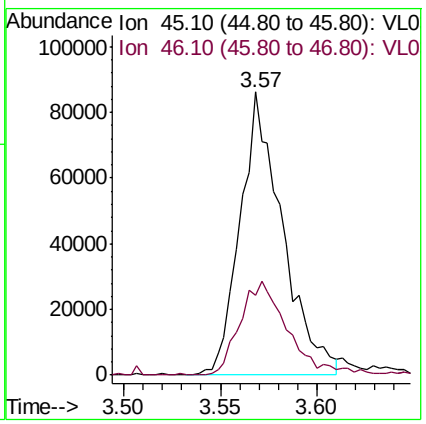


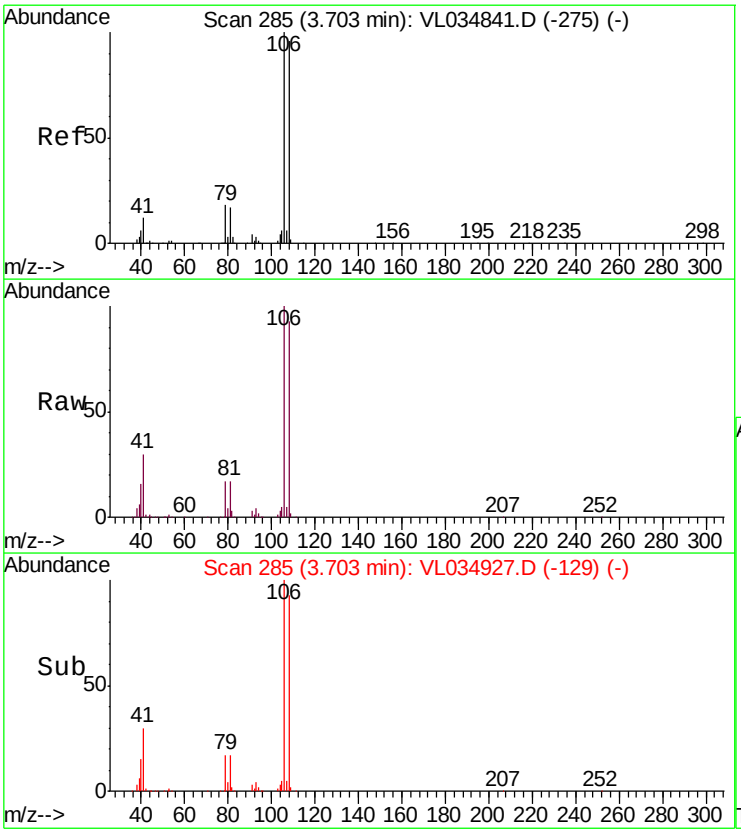
#13
Ethanol
Concen: 8.088 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 131127

Ion	Ratio	Lower	Upper
45	100		
46	38.6	16.0	64.0

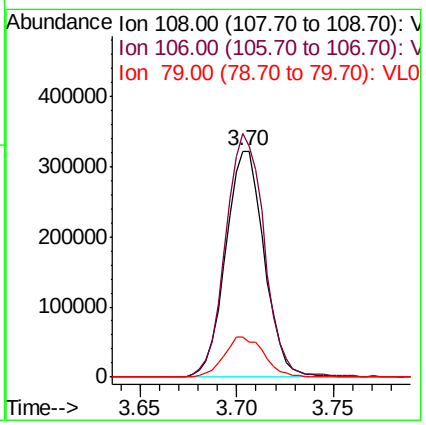


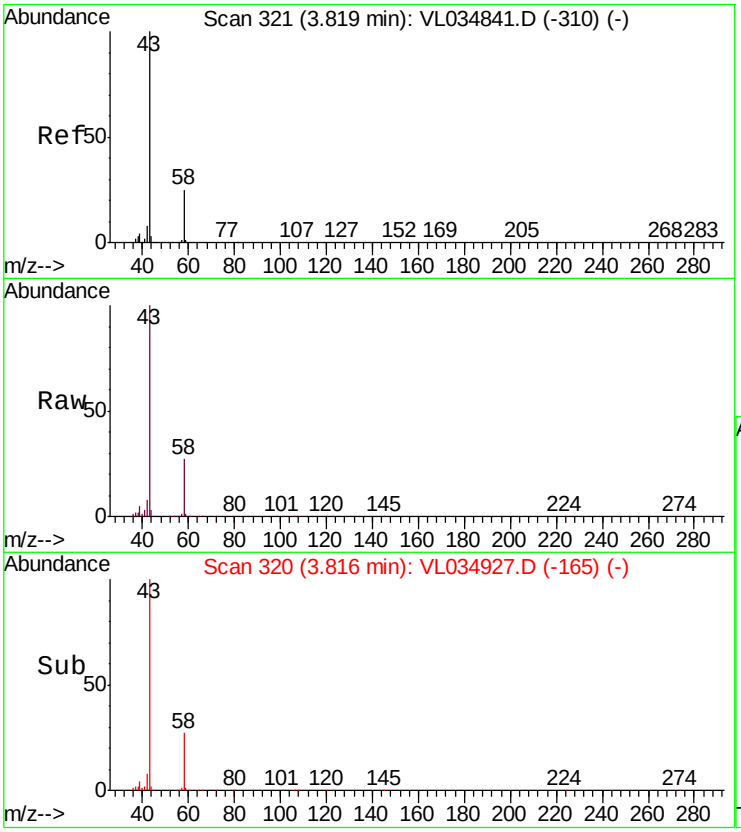


#14
Bromoethene
Concen: 10.073 ppbv
RT: 3.70 min Scan# 285
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:108 Resp: 443517

Ion	Ratio	Lower	Upper
108	100		
106	109.1	85.1	127.7
79	18.6	14.7	22.1



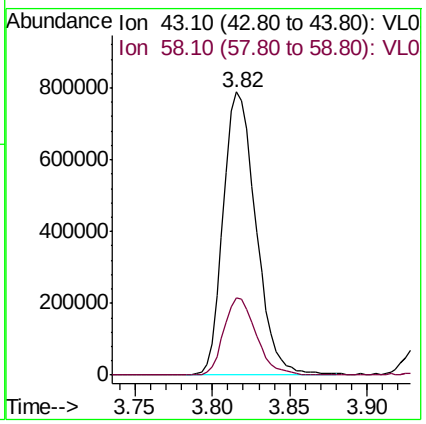


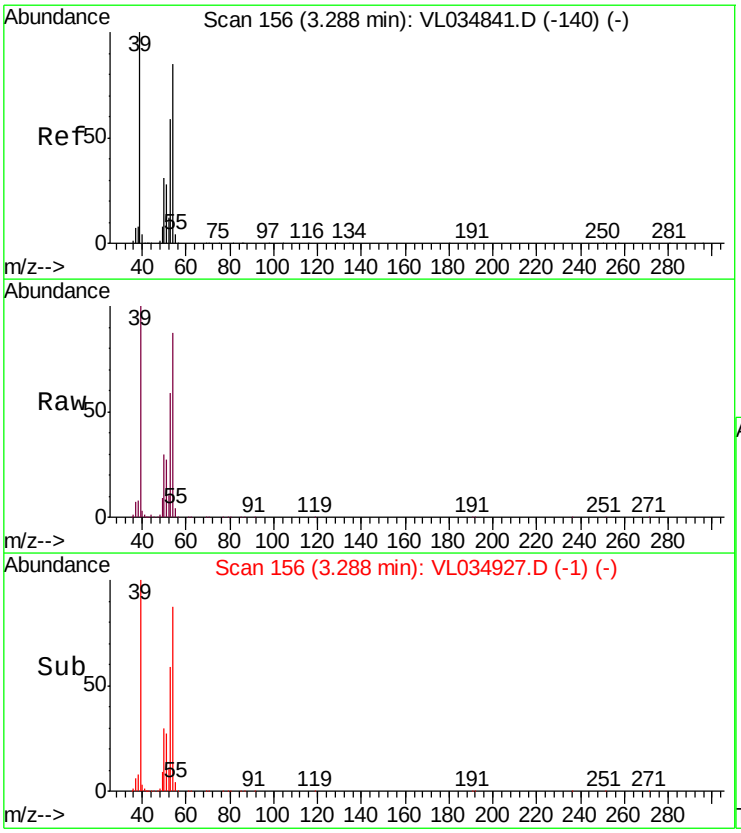
#15
Acetone
Concen: 8.928 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1157051

Ion	Ratio	Lower	Upper
43	100		
58	27.1	21.0	31.6

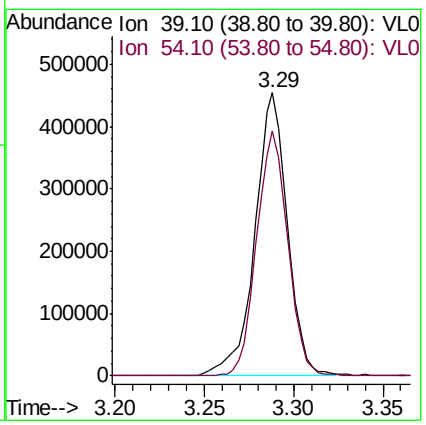


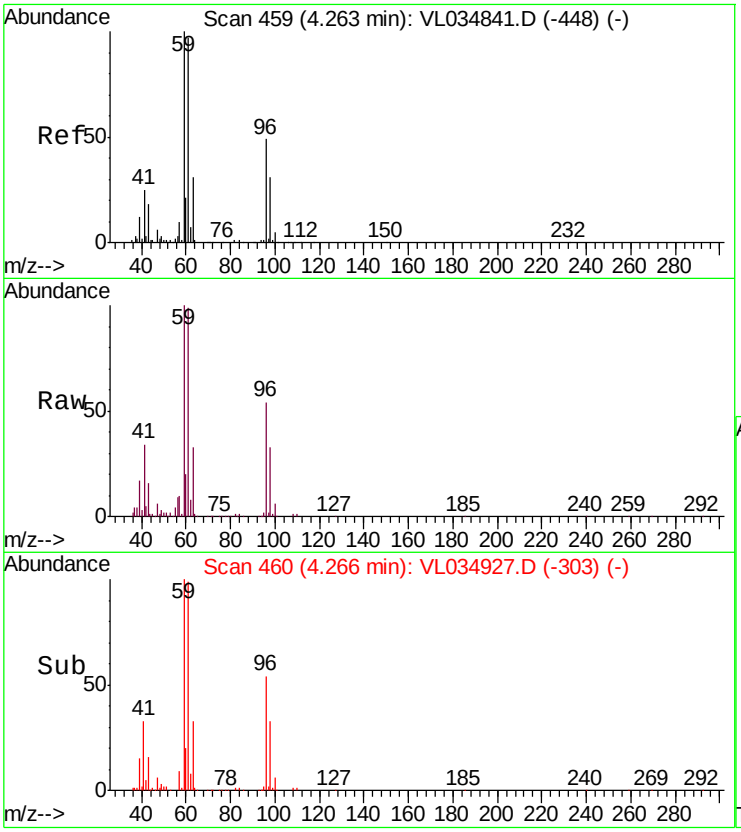


#16
1,3-Butadiene
Concen: 9.901 ppbv
RT: 3.29 min Scan# 156
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 39 Resp: 580236

Ion	Ratio	Lower	Upper
39	100		
54	83.6	65.0	97.6



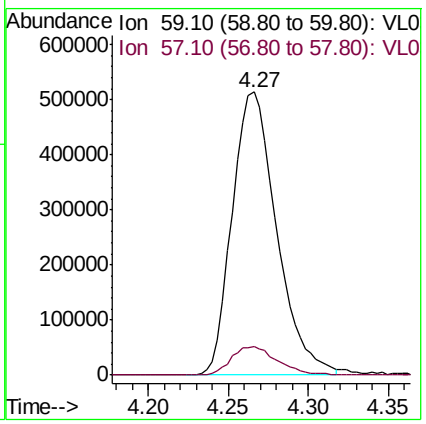


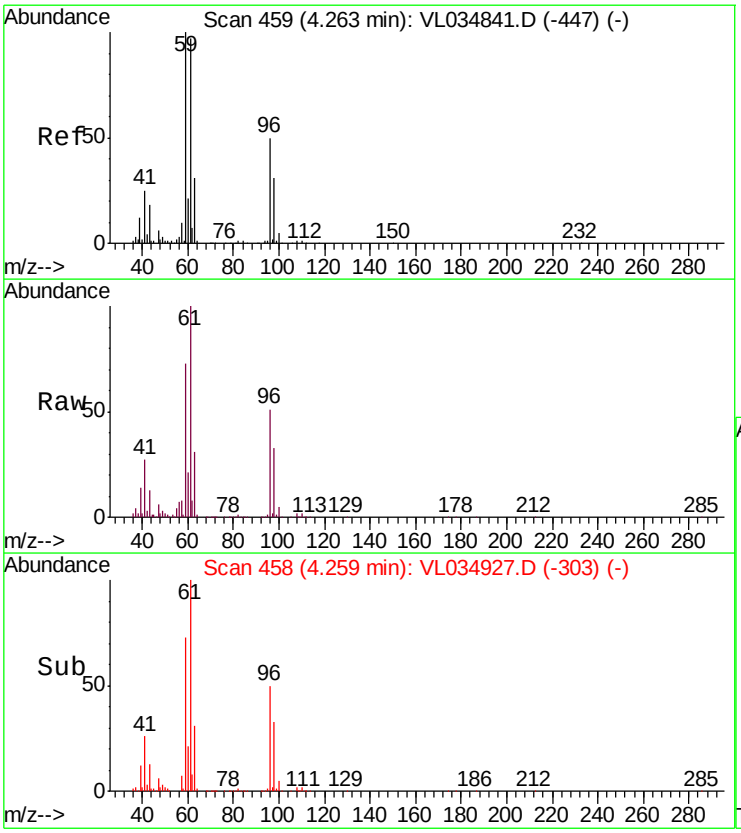
#17
tert-Butyl alcohol
Concen: 7.802 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 974125

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

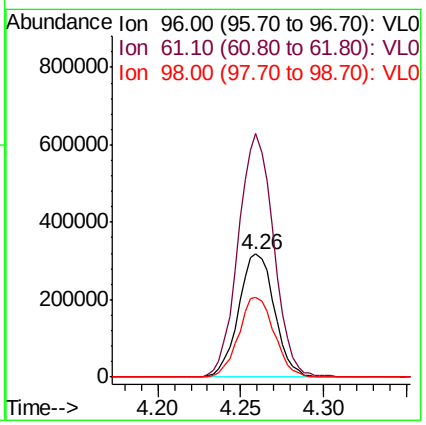


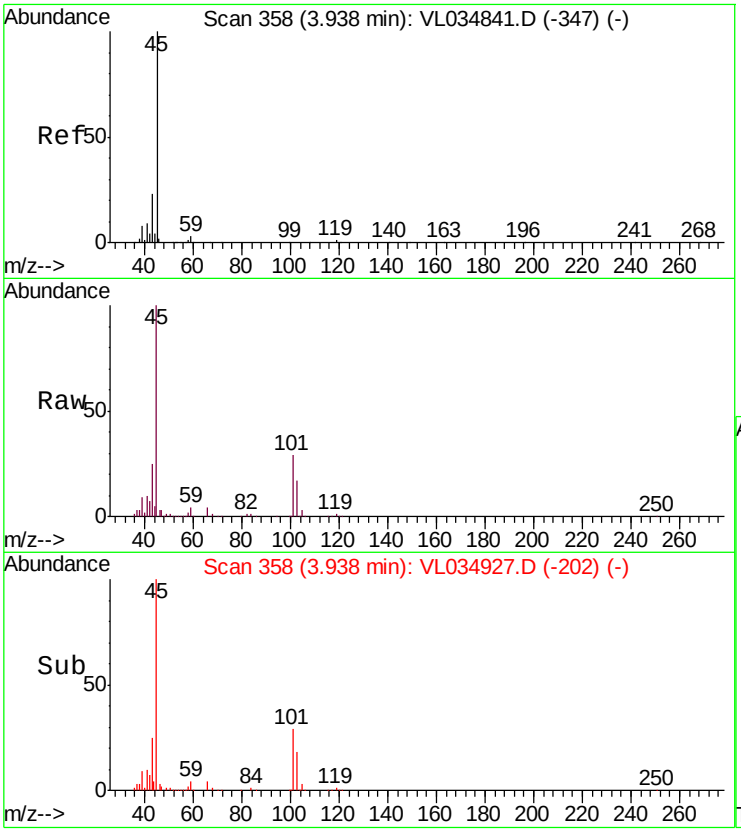


#18
1,1-Dichloroethene
Concen: 10.600 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 96 Resp: 478598

Ion	Ratio	Lower	Upper
96	100		
61	197.8	157.3	235.9
98	65.3	50.2	75.4



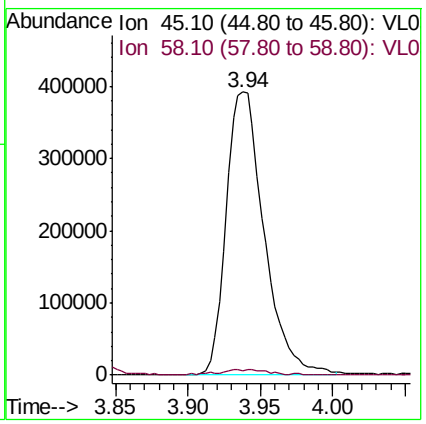


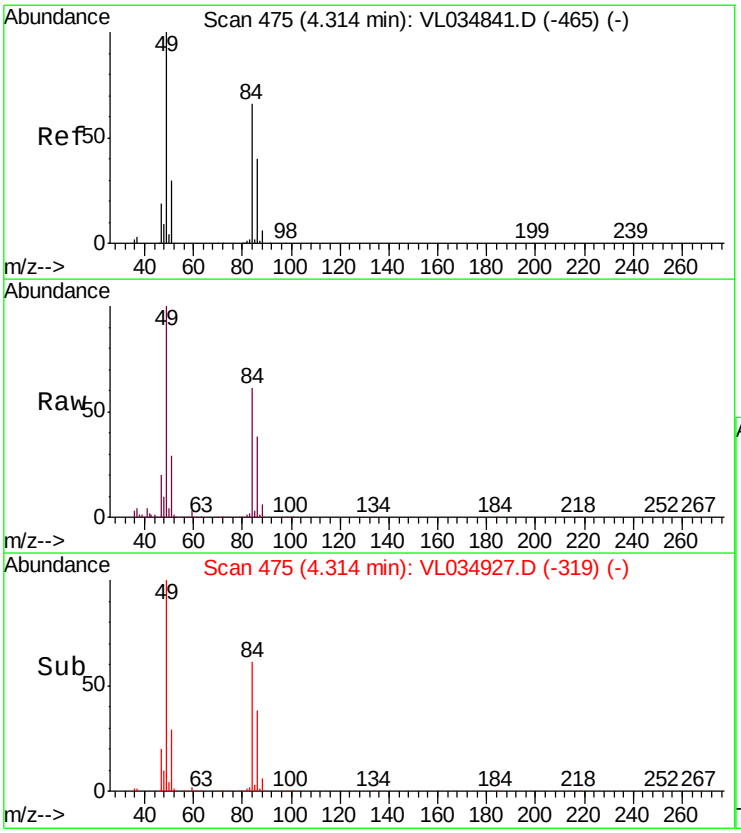
#19
Isopropyl Alcohol
Concen: 8.706 ppbv
RT: 3.94 min Scan# 358
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 712483

Ion	Ratio	Lower	Upper
45	100		
58	2.7	30.5	45.7#

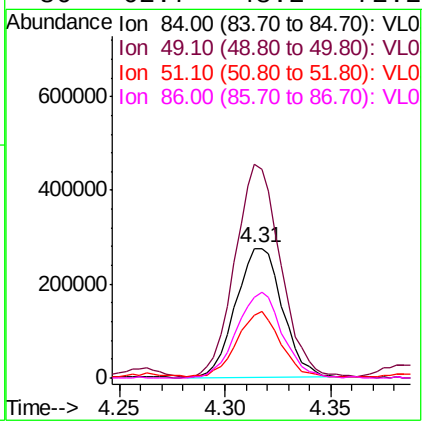


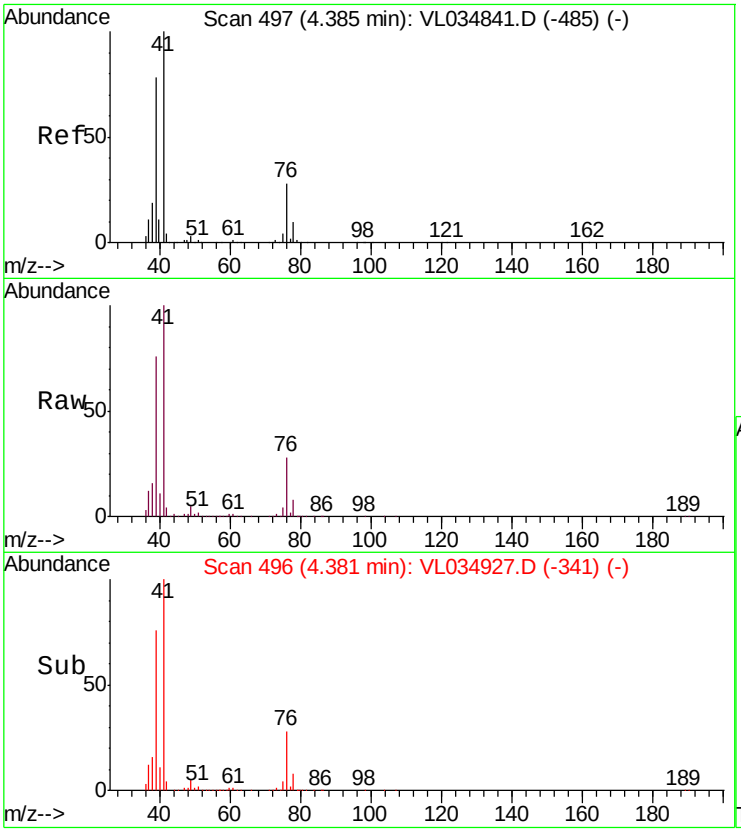


#20
Methylene Chloride
Concen: 10.333 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 84 Resp: 423381

Ion	Ratio	Lower	Upper
84	100		
49	164.4	121.5	182.3
51	47.7	36.6	55.0
86	62.7	48.2	72.2



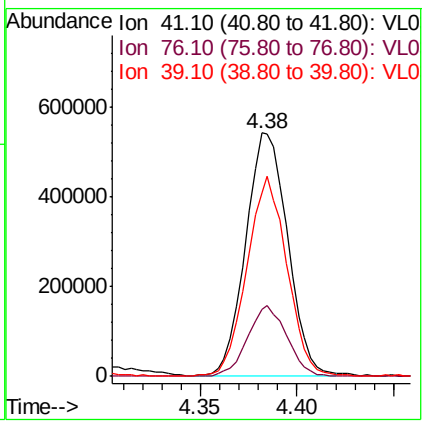


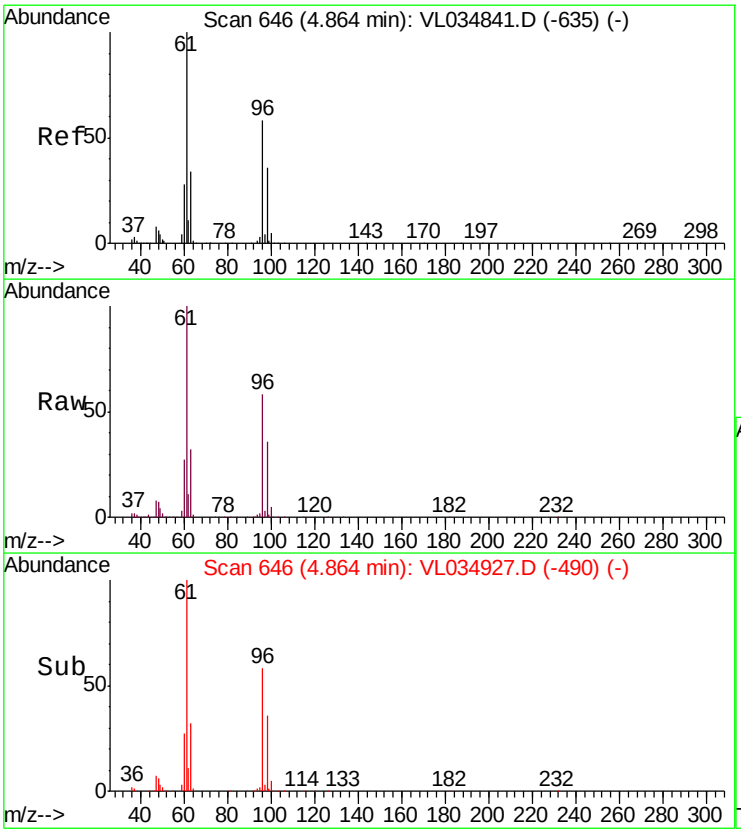
#21
Allyl Chloride
Concen: 9.812 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 816724

Ion	Ratio	Lower	Upper
41	100		
76	27.6	22.2	33.2
39	78.9	62.6	93.8

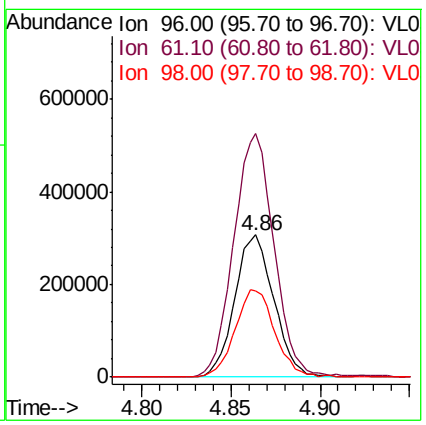


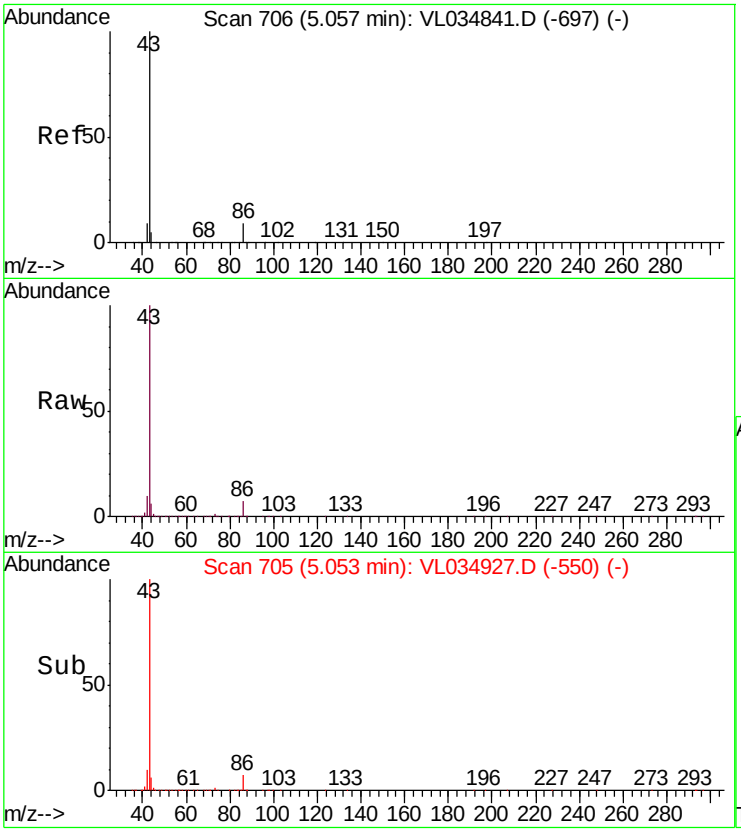


#22
trans-1,2-Dichloroethene
Concen: 10.265 ppbv
RT: 4.86 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 96 Resp: 470184

Ion	Ratio	Lower	Upper
96	100		
61	171.2	139.0	208.6
98	60.8	50.3	75.5



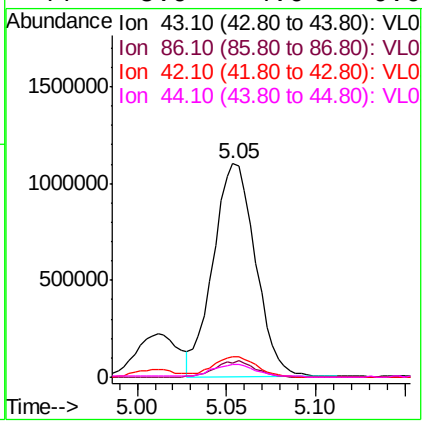


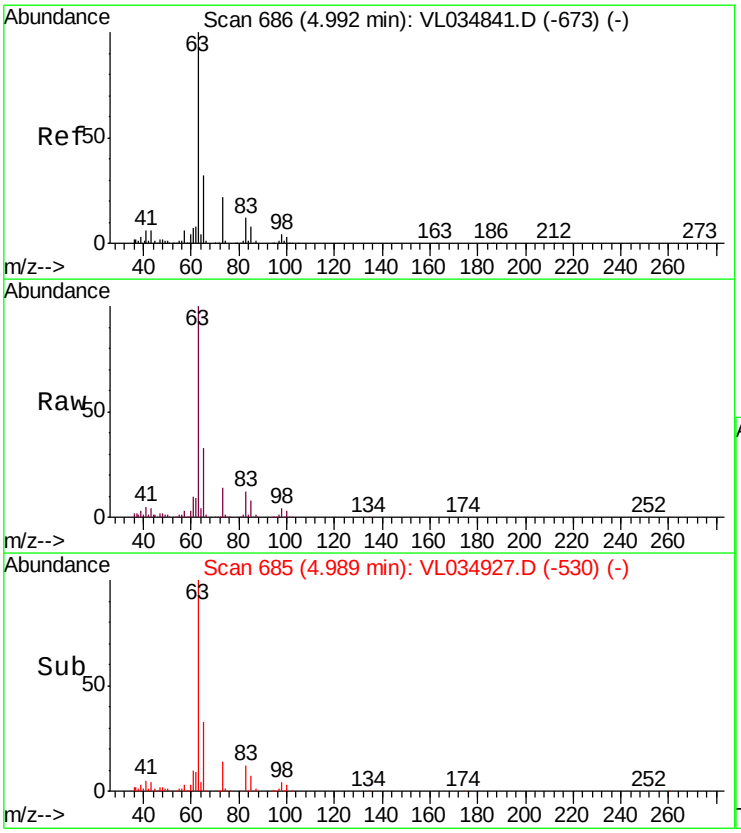
#23
Vinyl Acetate
Concen: 9.449 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1808847

Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.3	9.5
42	9.8	7.8	11.8
44	5.9	4.0	6.0

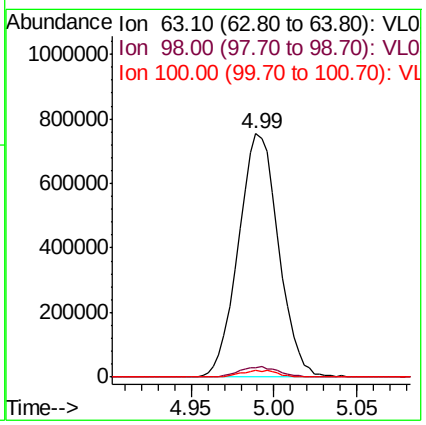


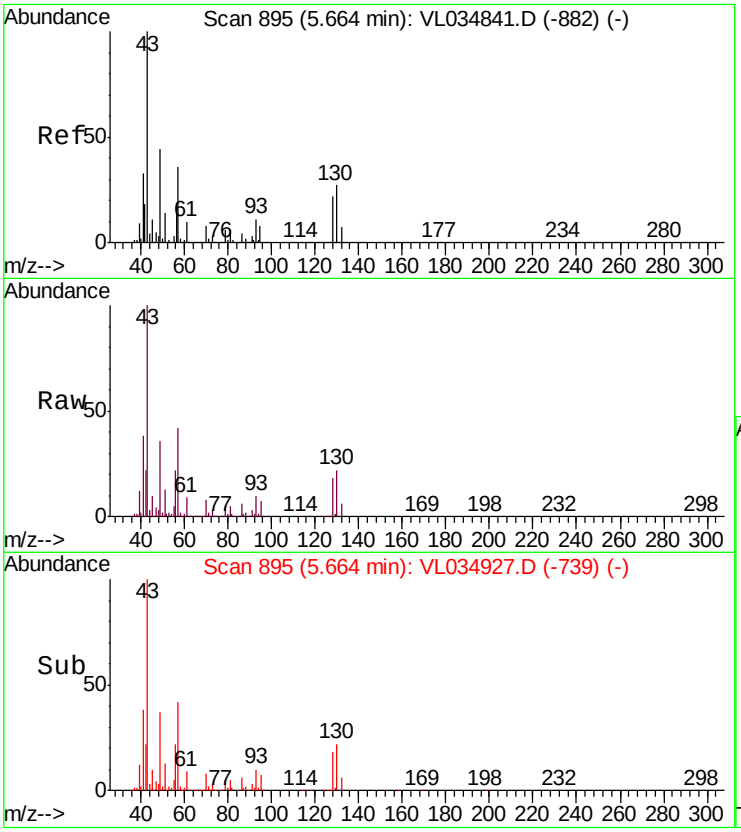


#24
1,1-Dichloroethane
Concen: 9.835 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 63 Resp: 1262216

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	5.8
100	2.5	1.4	4.0



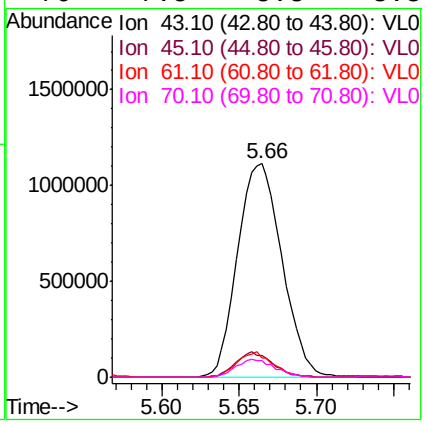


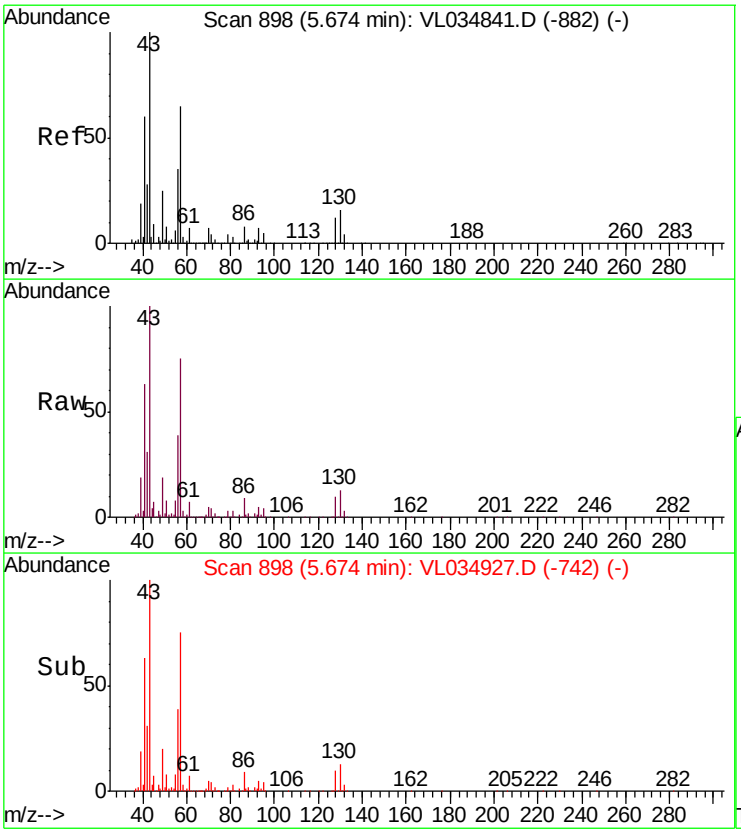
#25
Ethyl Acetate
Concen: 9.610 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2218936

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.9	7.8	11.6
70	7.5	5.8	8.8

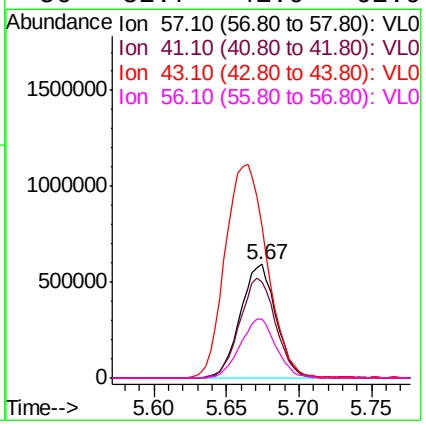


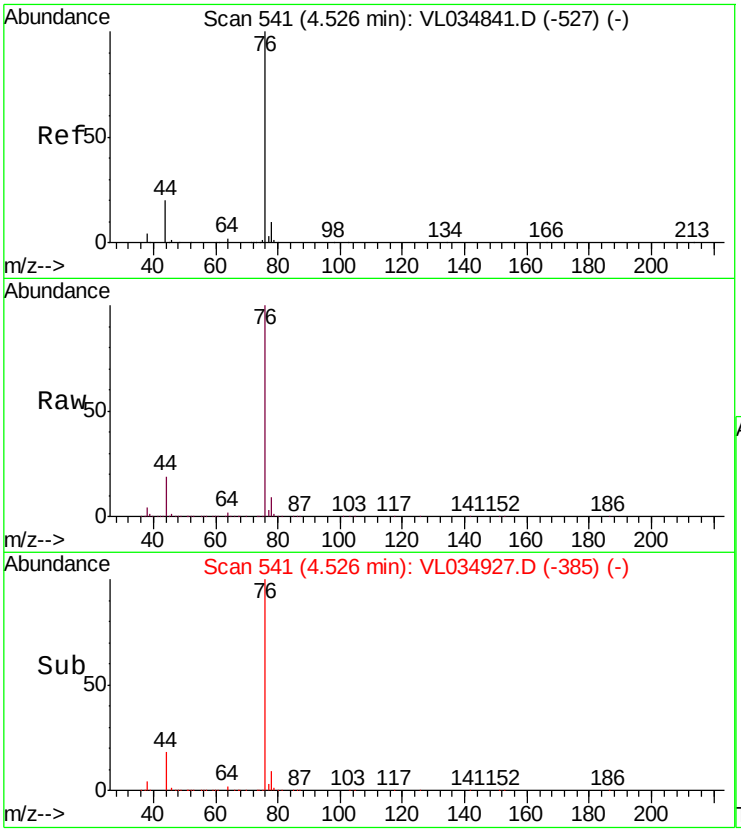


#26
Hexane
Concen: 10.153 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 57 Resp: 1009440

Ion	Ratio	Lower	Upper
57	100		
41	89.5	72.6	109.0
43	221.6	183.8	275.6
56	52.7	41.9	62.9



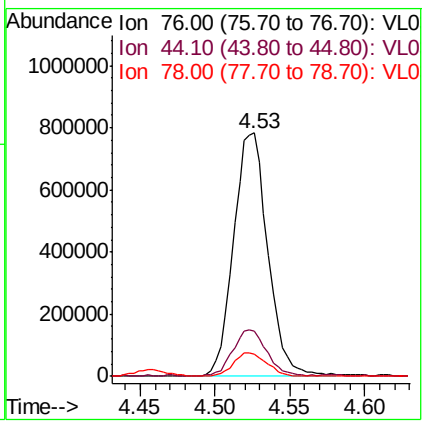


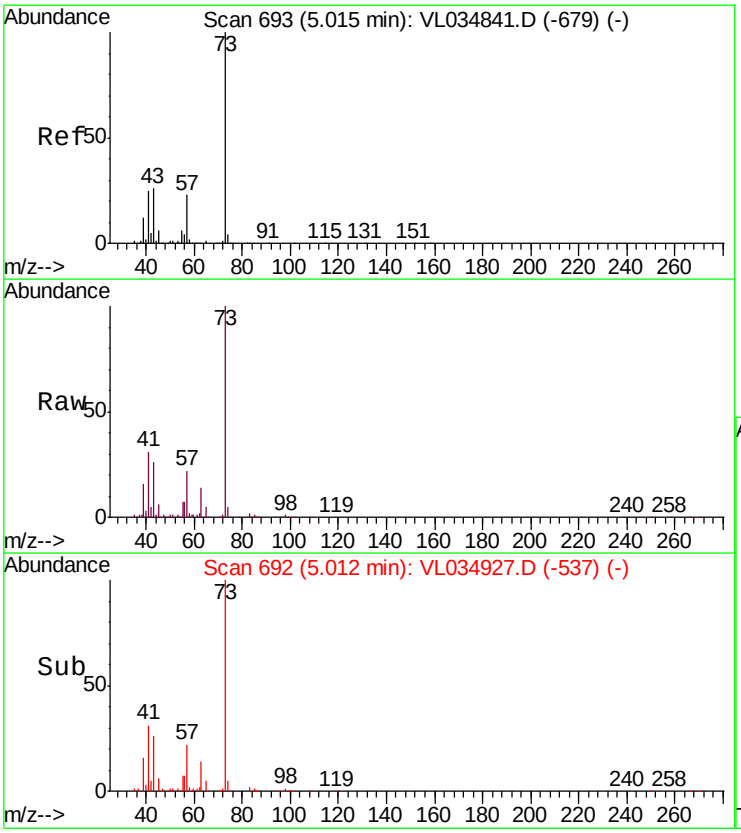
#27
Carbon Disulfide
Concen: 11.073 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1249267

Ion	Ratio	Lower	Upper
76	100		
44	19.2	16.2	24.2
78	9.3	7.8	11.6

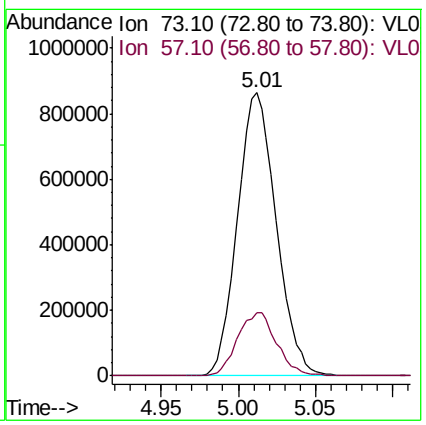


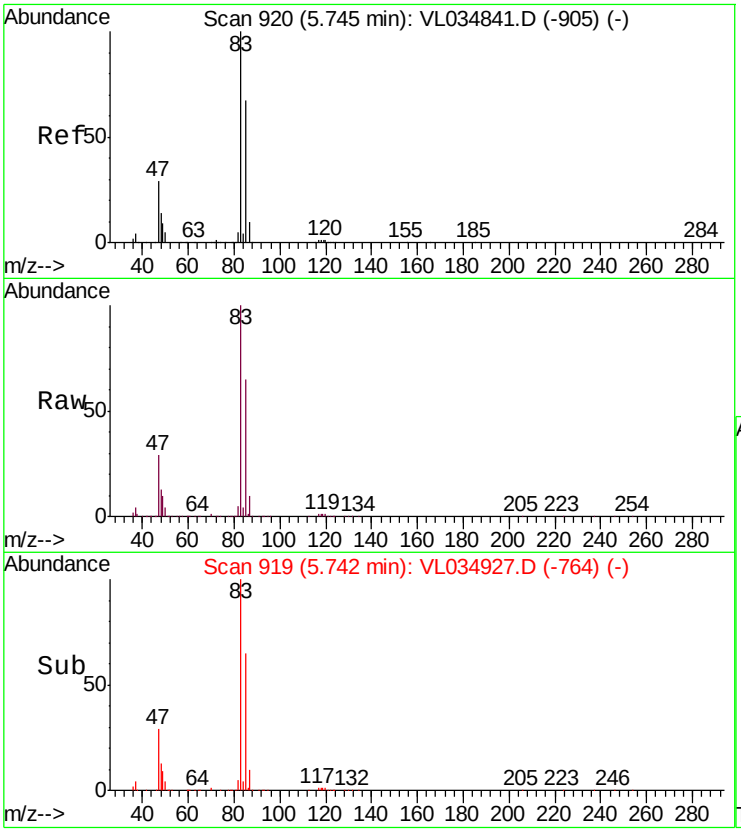


#28
Methyl tert-Butyl Ether
Concen: 9.107 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 73 Resp: 1506513

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.3	27.5



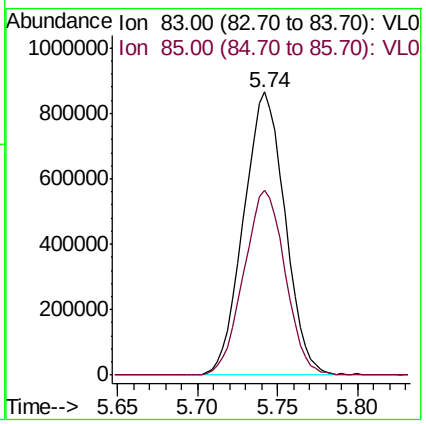


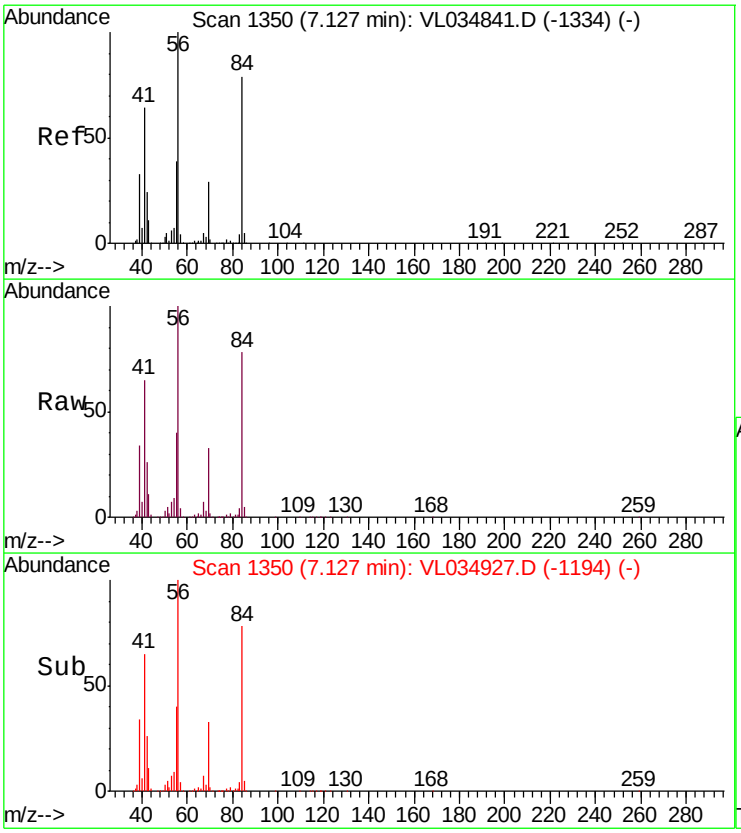
#29
Chloroform
Concen: 10.126 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1536084

Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.8	80.6

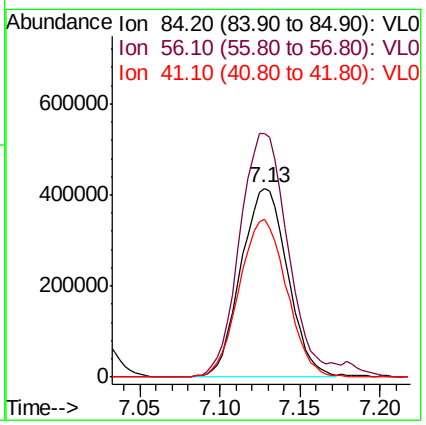


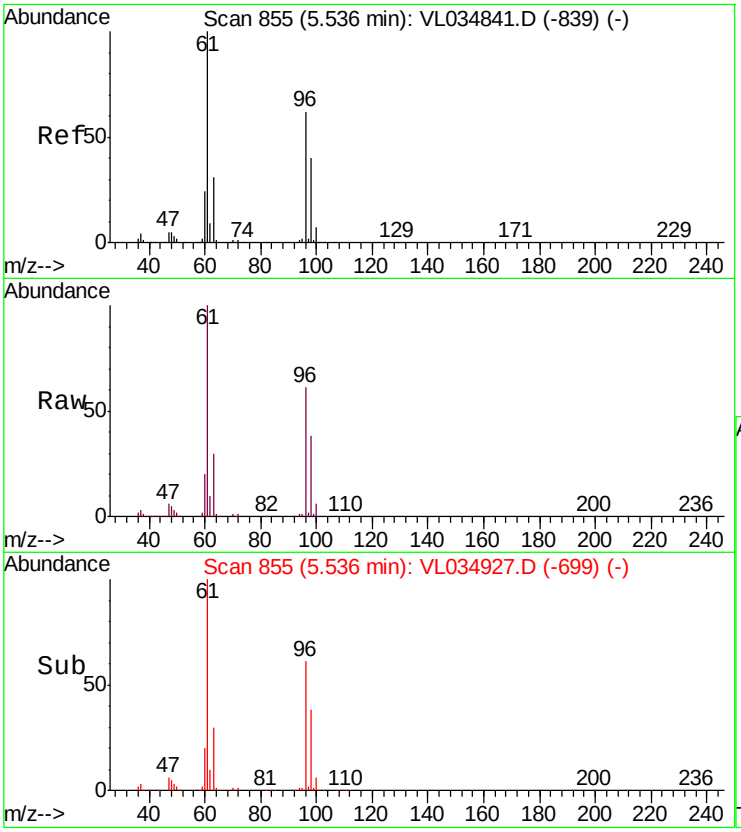


#30
Cyclohexane
Concen: 9.986 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 84 Resp: 828413

Ion	Ratio	Lower	Upper
84	100		
56	137.7	110.5	165.7
41	84.9	68.2	102.4



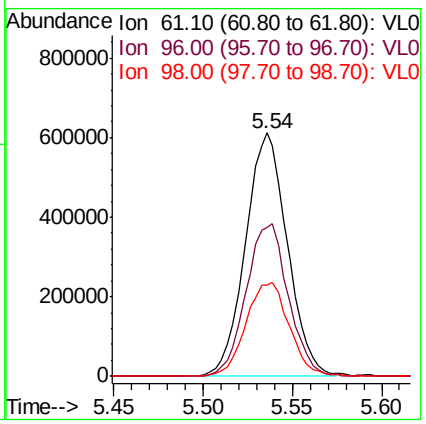


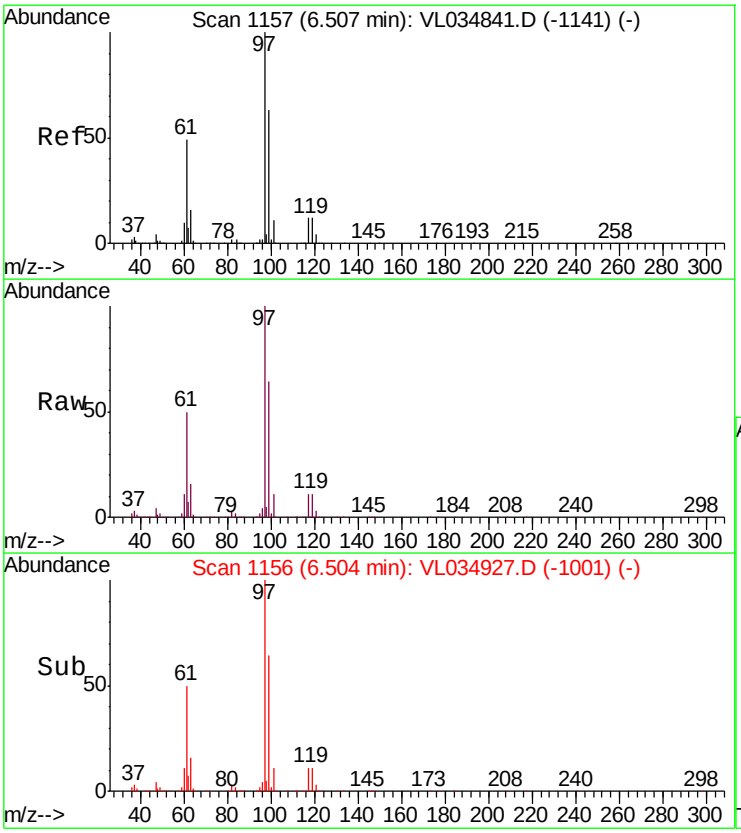
#31
cis-1,2-Dichloroethene
Concen: 9.897 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1006344

Ion	Ratio	Lower	Upper
61	100		
96	61.2	49.8	74.8
98	37.7	32.2	48.4

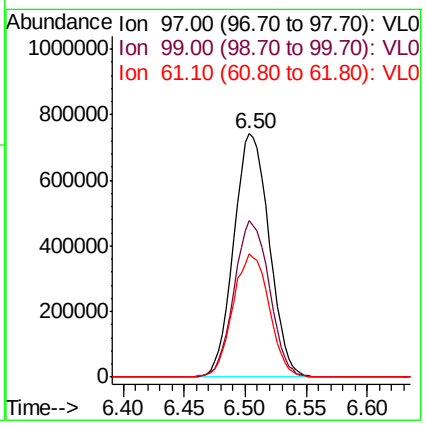


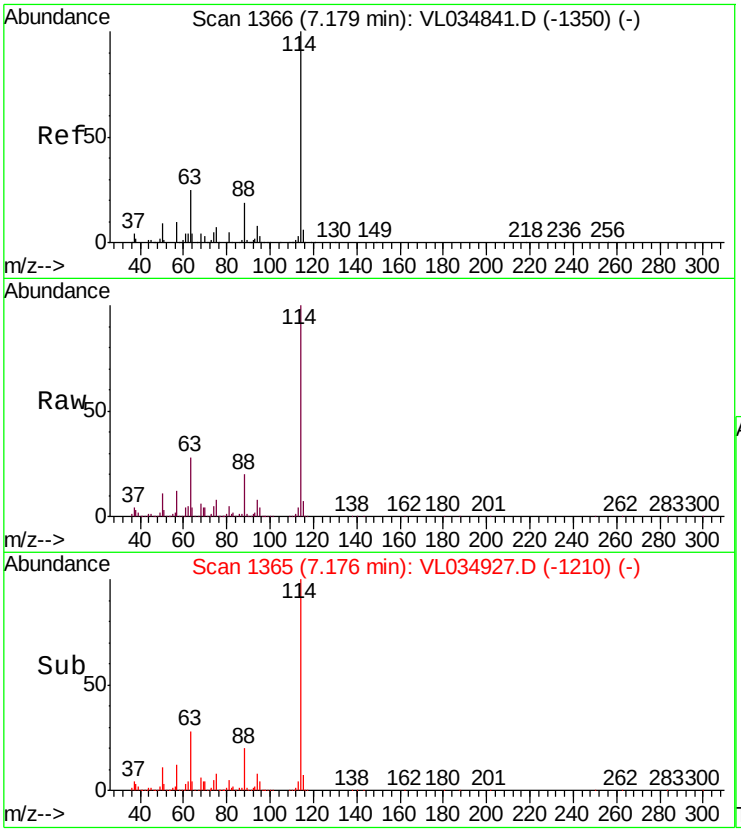


#32
1,1,1-Trichloroethane
Concen: 10.100 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 97 Resp: 1492940

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	51.6	39.7	59.5



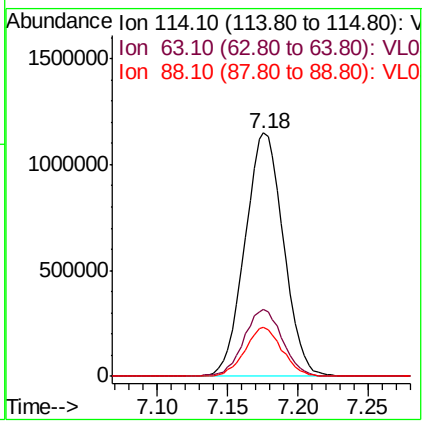


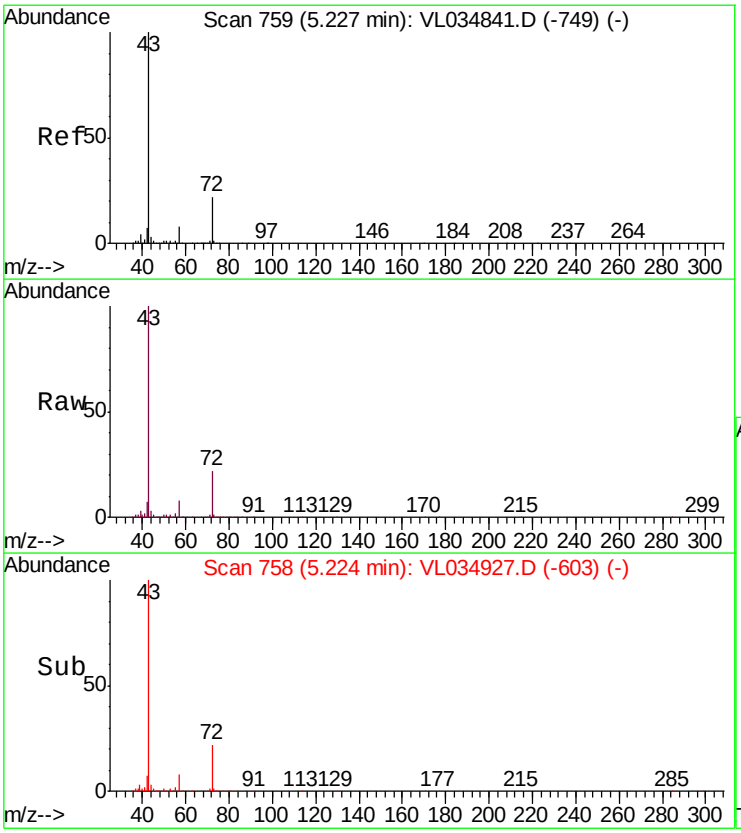
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:114 Resp: 2200900

Ion	Ratio	Lower	Upper
114	100		
63	27.7	20.6	31.0
88	19.3	15.0	22.6

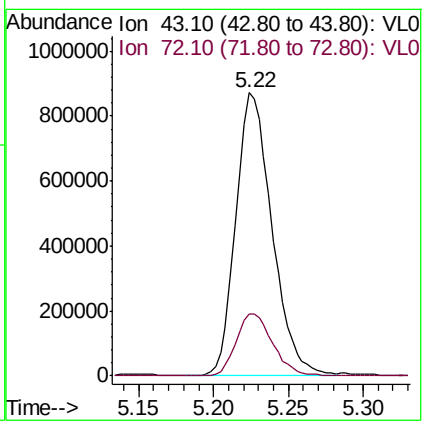


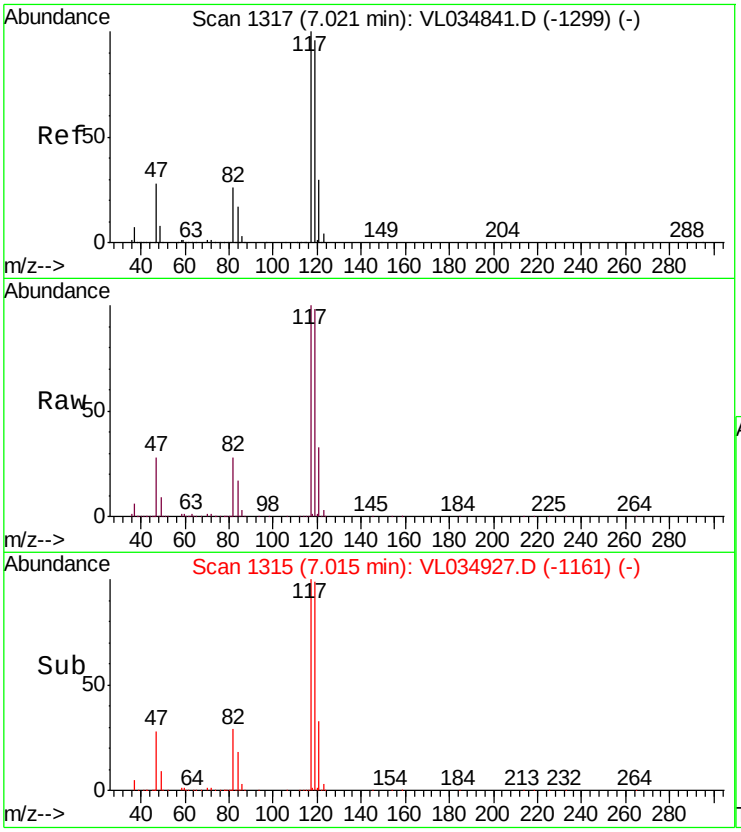


#34
2-Butanone
Concen: 10.022 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 43 Resp: 1465840

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.6	26.4



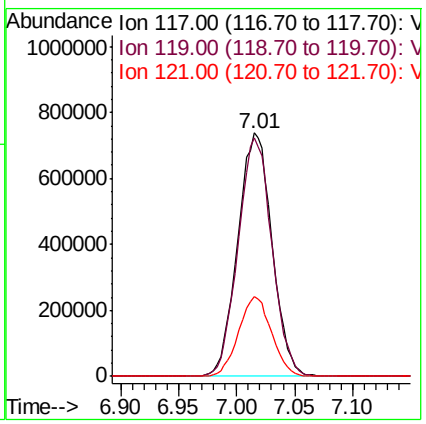


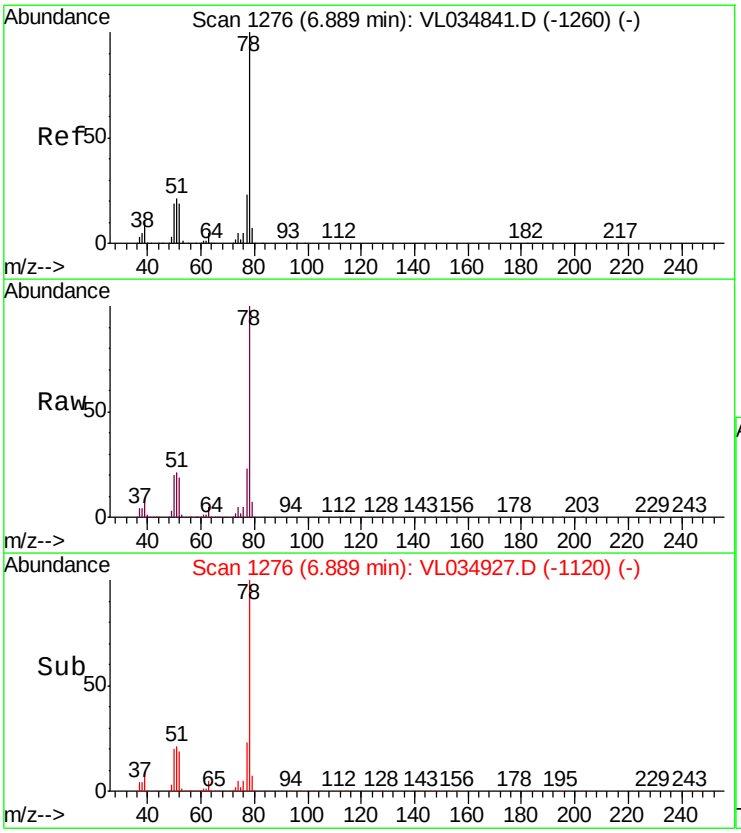
#35
Carbon Tetrachloride
Concen: 11.108 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1520545

Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.0	115.4
121	32.7	24.0	36.0

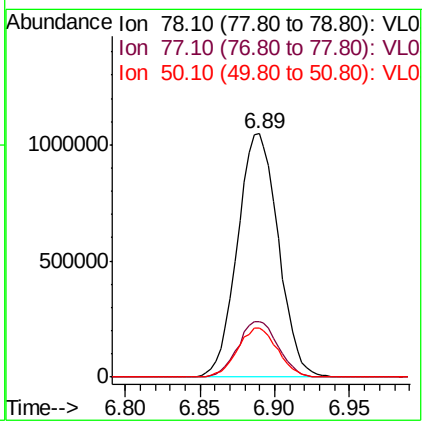


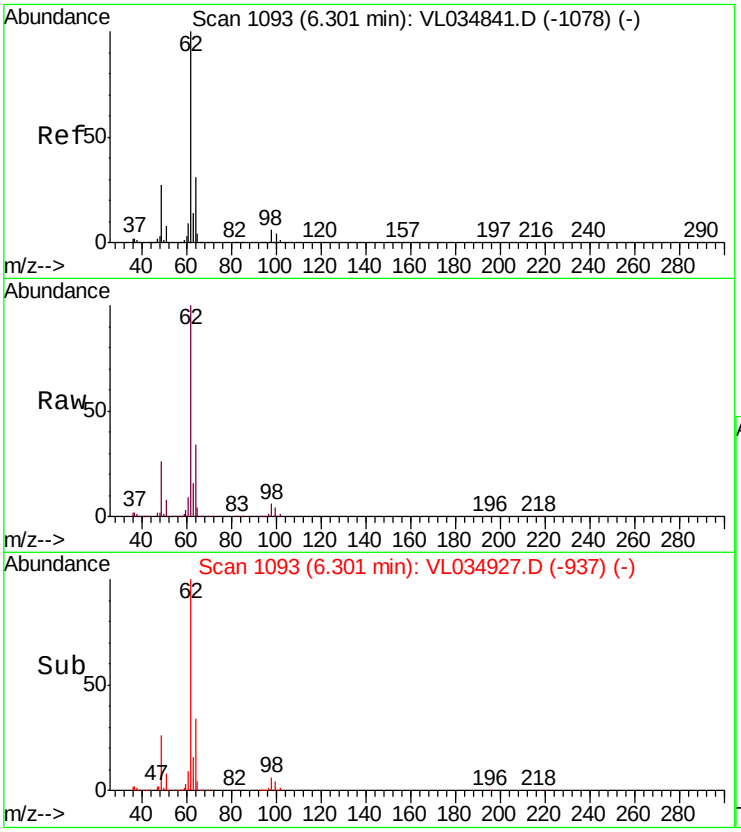


#36
Benzene
Concen: 10.139 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 78 Resp: 1989104

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.2
50	19.9	15.2	22.8



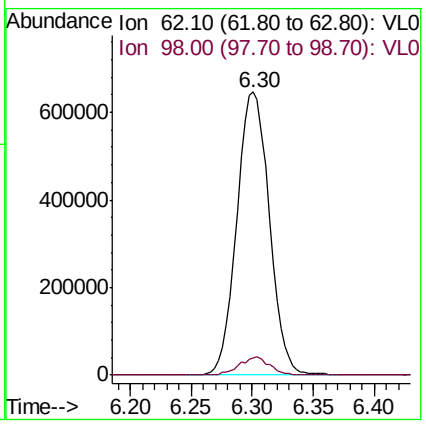


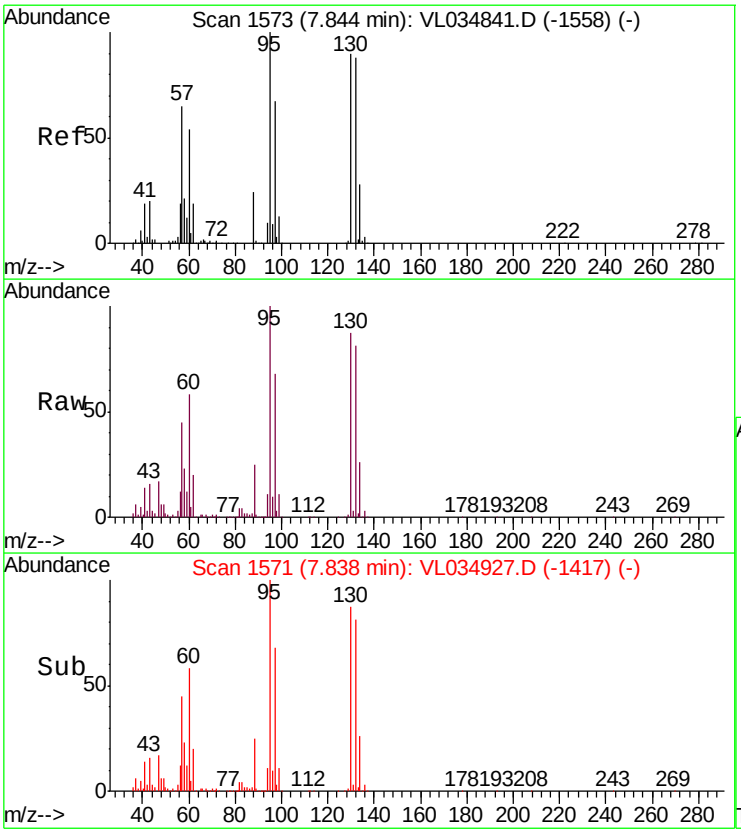
#37
1,2-Dichloroethane
Concen: 10.717 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 1185440

Ion	Ratio	Lower	Upper
62	100		
98	6.0	5.2	7.8

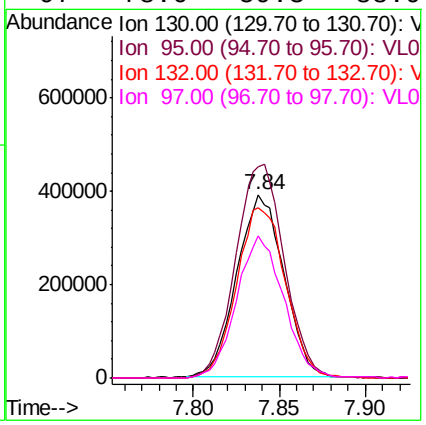


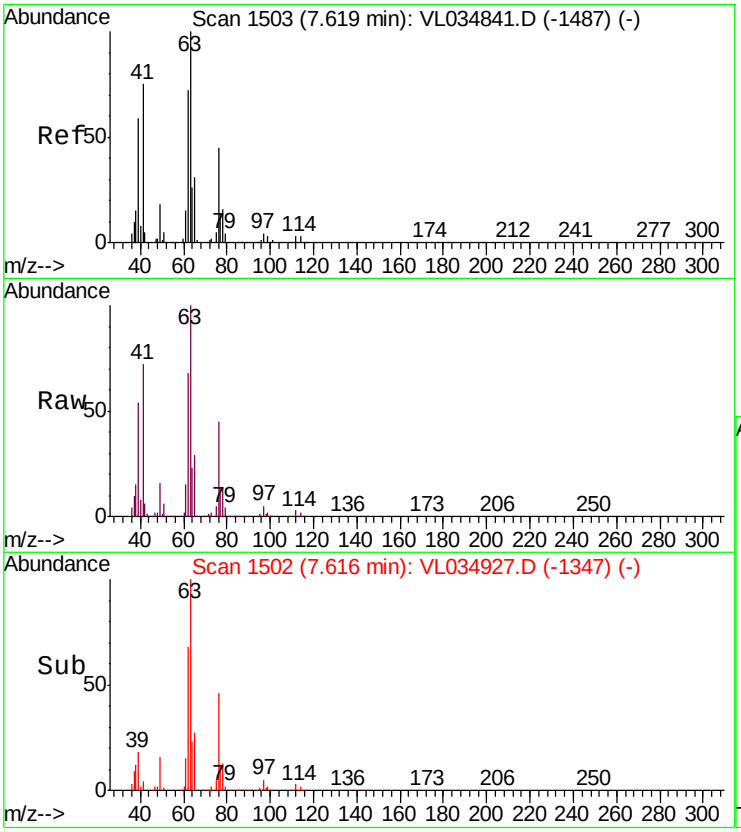


#38
Trichloroethene
Concen: 9.979 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:130 Resp: 743465

Ion	Ratio	Lower	Upper
130	100		
95	115.2	88.5	132.7
132	93.4	78.0	117.0
97	78.0	59.3	88.9



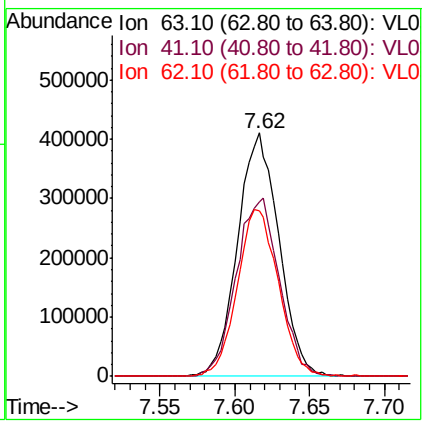


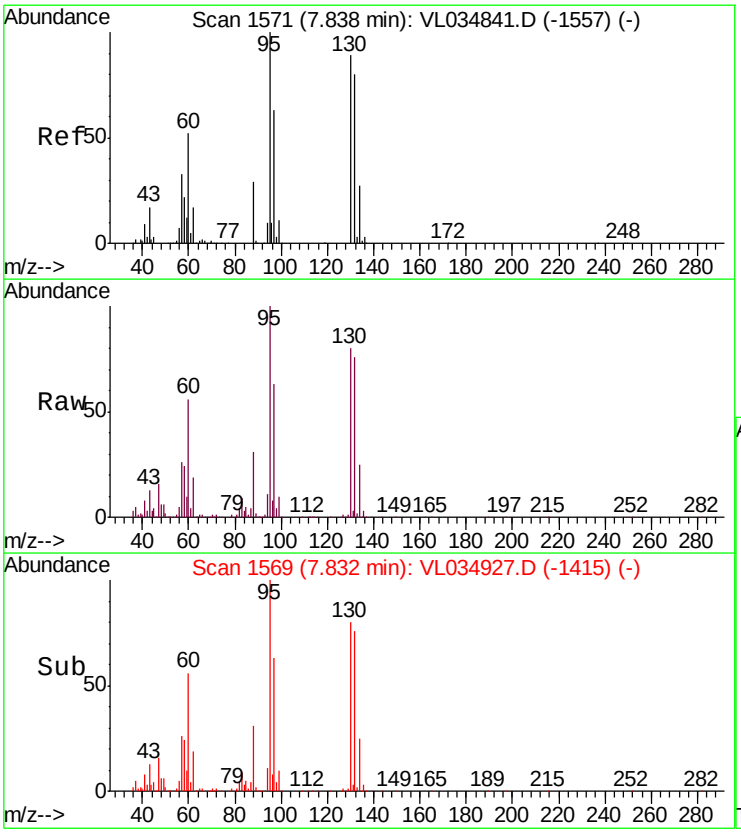
#39
1,2-Dichloropropane
Concen: 10.164 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 63 Resp: 789967

Ion	Ratio	Lower	Upper
63	100		
41	71.8	59.8	89.8
62	67.9	57.6	86.4

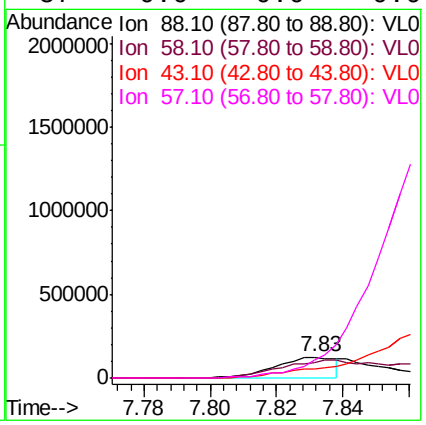


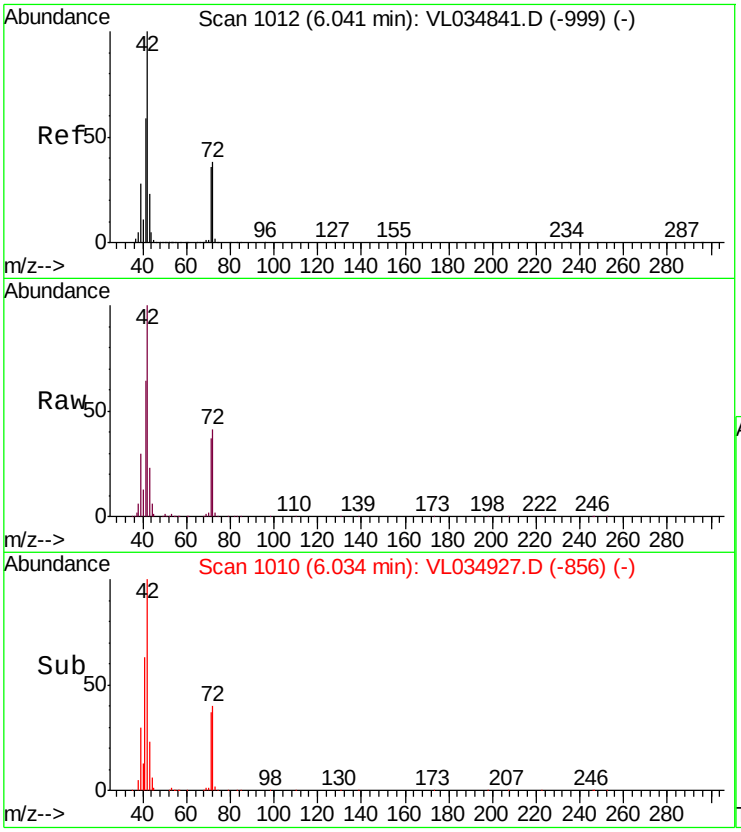


#40
1,4-Dioxane
Concen: 5.290 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 88 Resp: 155279

Ion	Ratio	Lower	Upper
88	100		
58	241.6	103.9	155.9#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



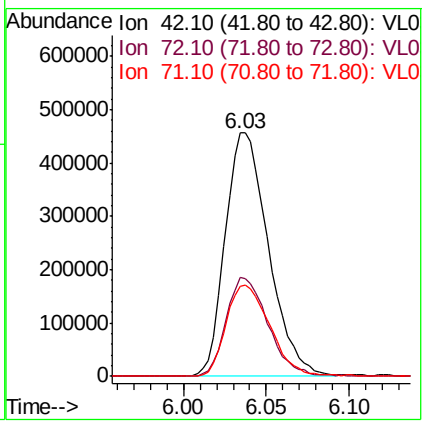


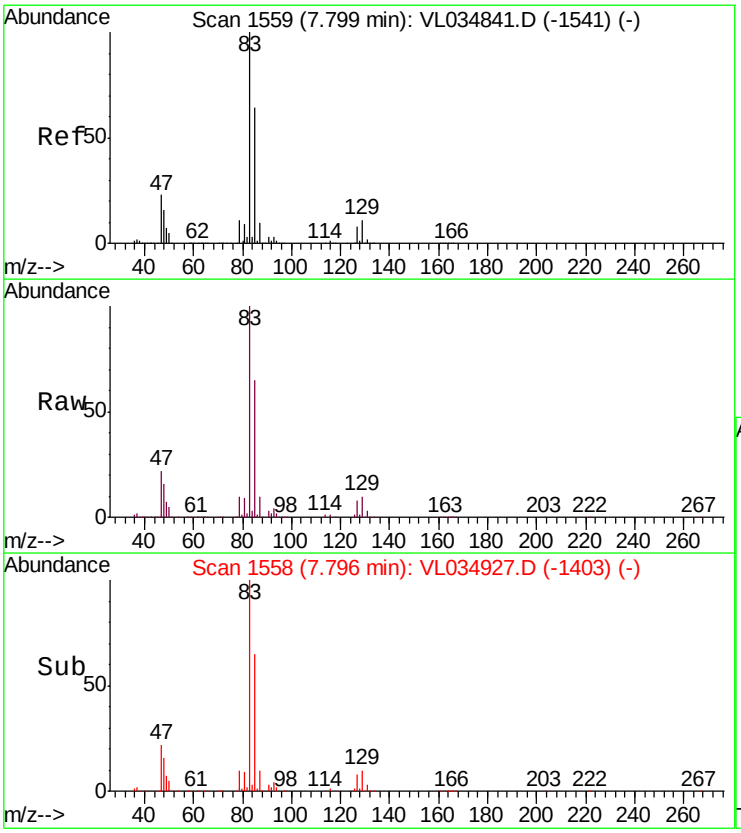
#41
Tetrahydrofuran
Concen: 10.393 ppbv
RT: 6.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 822533

Ion	Ratio	Lower	Upper
42	100		
72	39.8	30.8	46.2
71	38.4	30.1	45.1

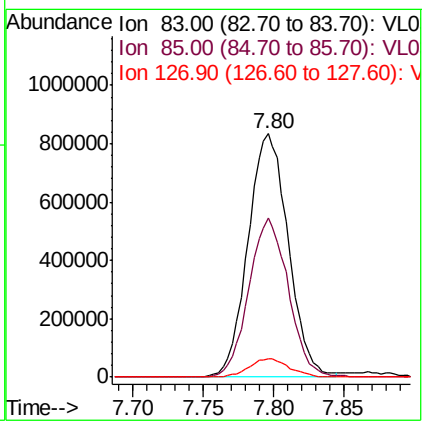


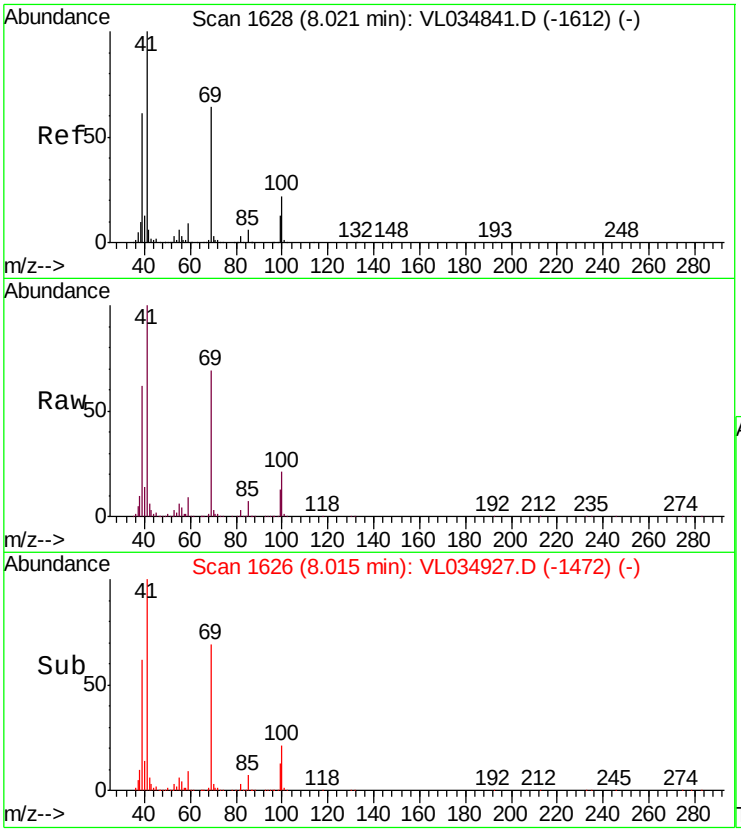


#42
Bromodichloromethane
Concen: 11.043 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 83 Resp: 1664895

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.2
127	7.7	6.2	9.4



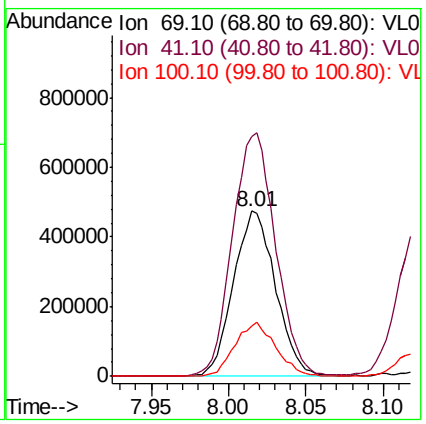


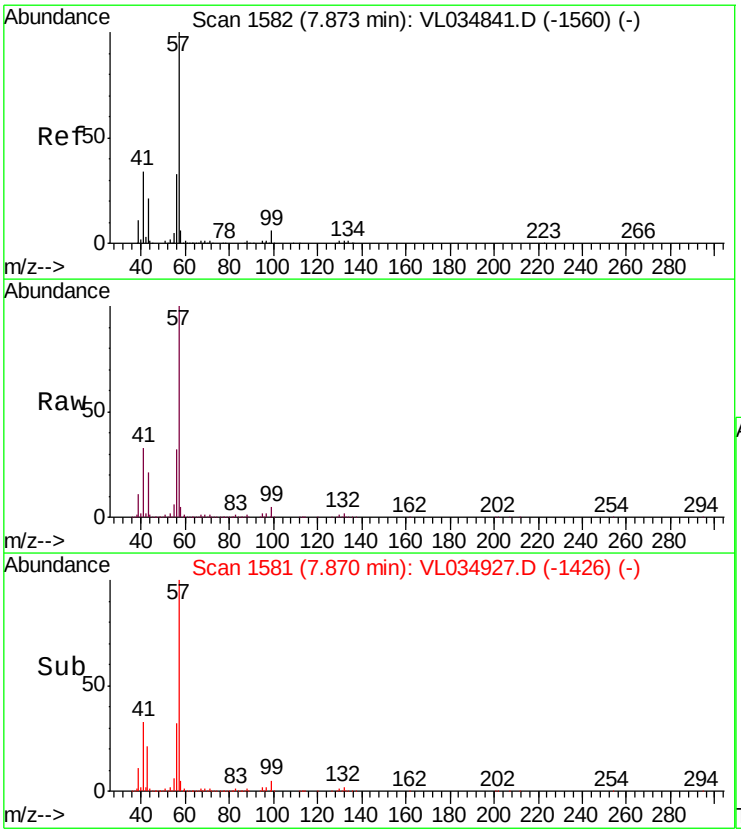
#43
Methyl Methacrylate
Concen: 10.845 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 69 Resp: 896305

Ion	Ratio	Lower	Upper
69	100		
41	151.1	123.2	184.8
100	31.7	26.9	40.3

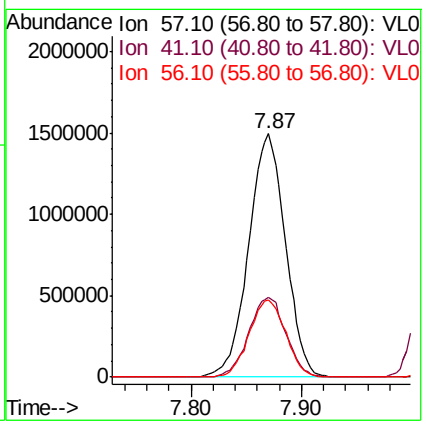


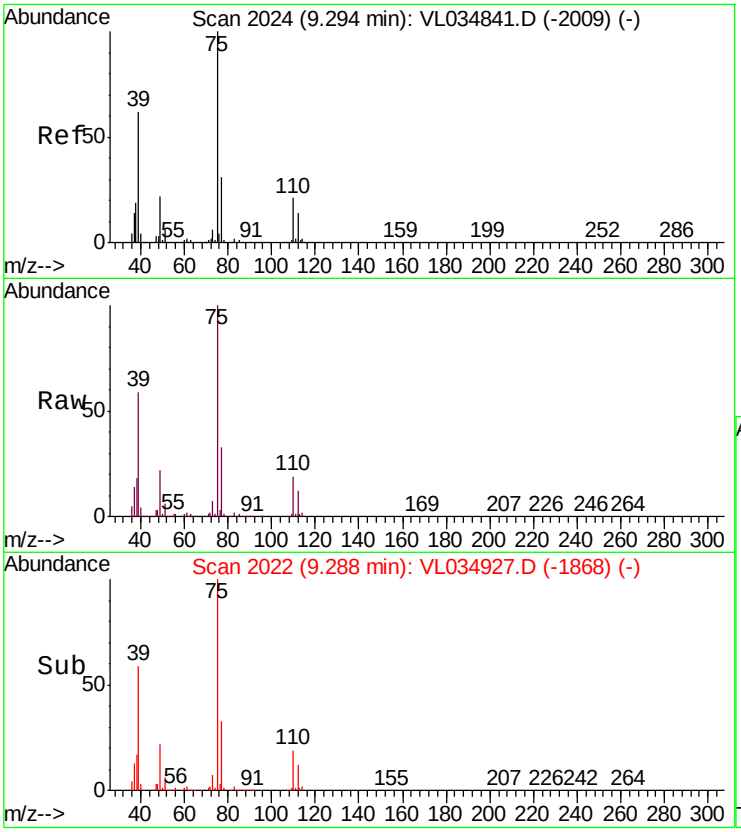


#44
2,2,4-Trimethylpentane
Concen: 10.415 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 57 Resp: 3452536

Ion	Ratio	Lower	Upper
57	100		
41	33.1	26.2	39.4
56	31.6	25.0	37.4



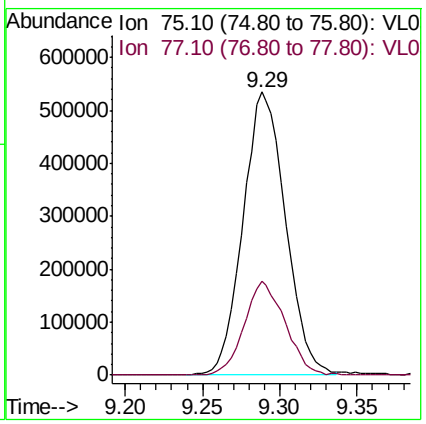


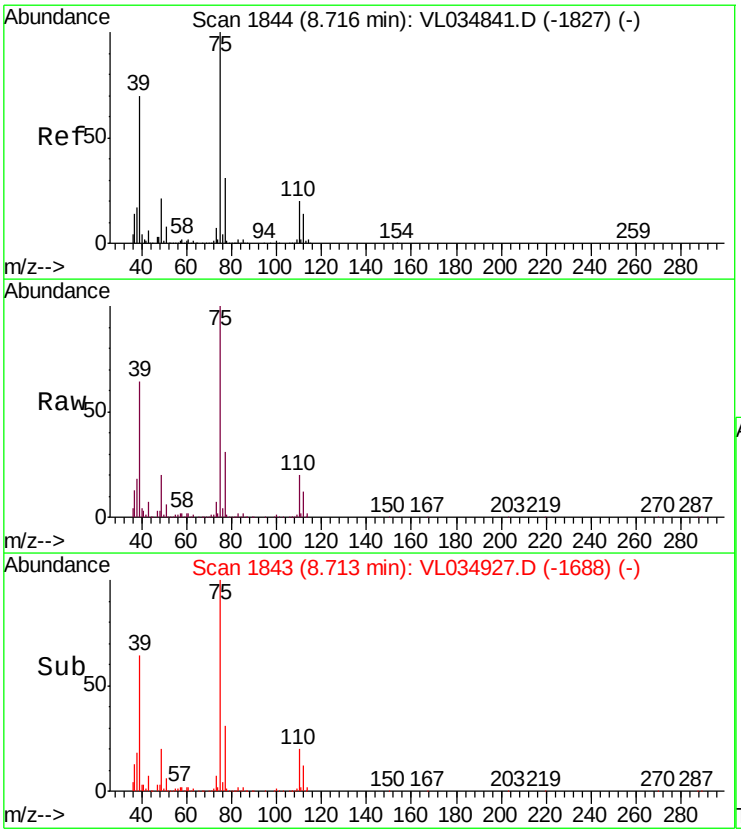
#45
t-1,3-Dichloropropene
Concen: 10.547 ppbv
RT: 9.29 min Scan# 2022
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1024146

Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.6	37.0

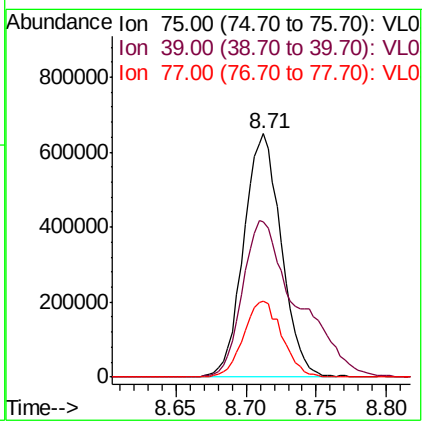


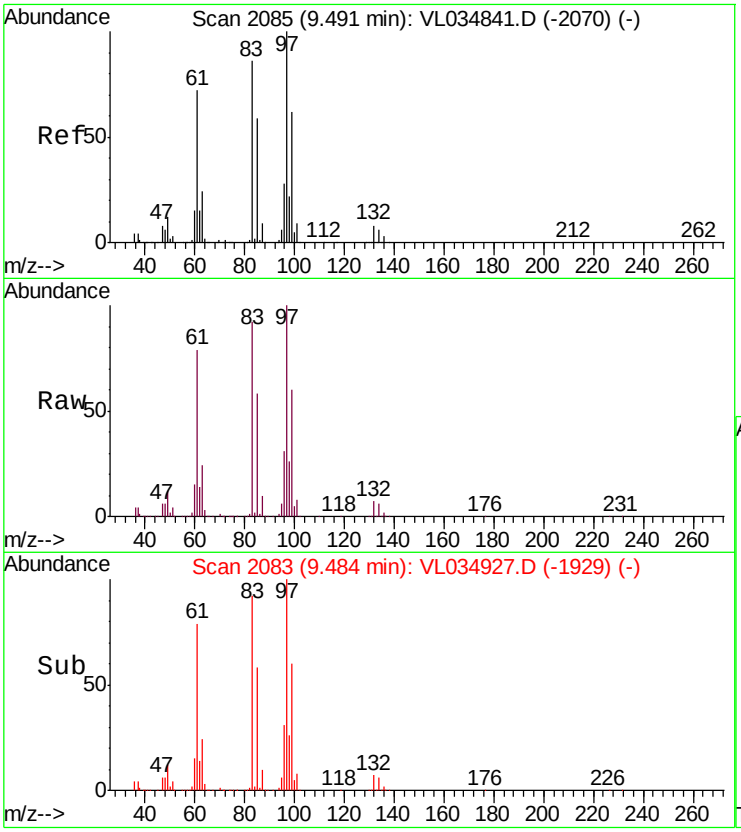


#46
cis-1,3-Dichloropropene
Concen: 10.502 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 75 Resp: 1211786

Ion	Ratio	Lower	Upper
75	100		
39	63.7	55.7	83.5
77	31.3	24.7	37.1



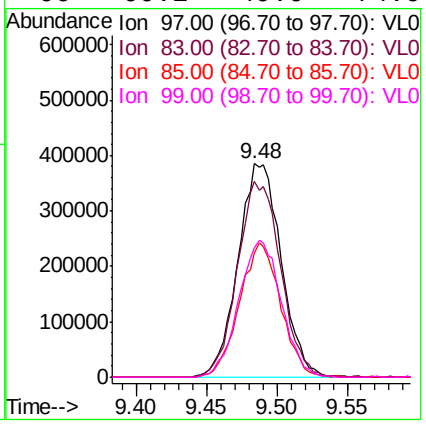


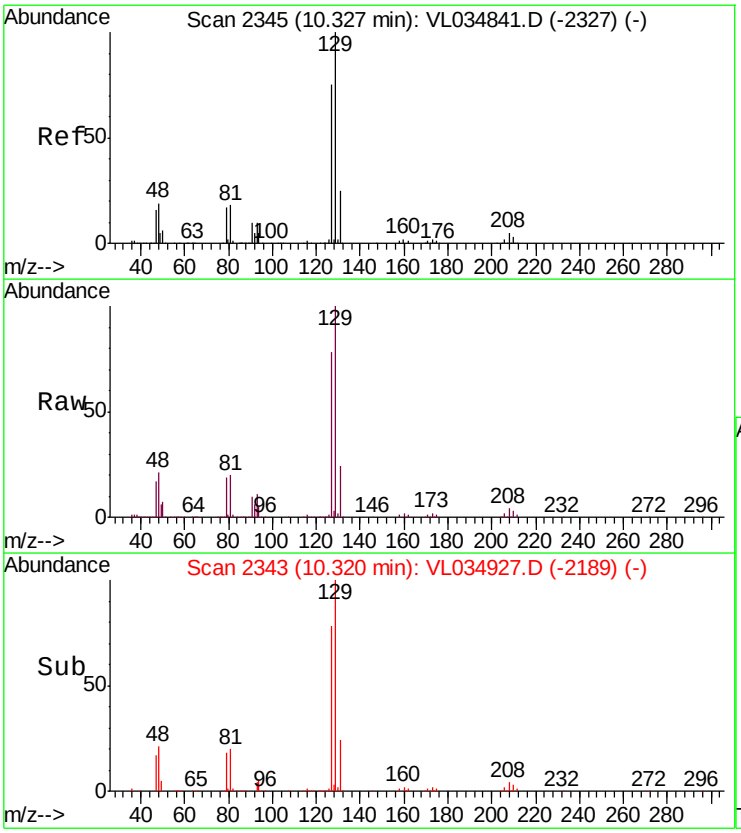
#47
1,1,2-Trichloroethane
Concen: 10.348 ppbv
RT: 9.48 min Scan# 2083
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 825449

Ion	Ratio	Lower	Upper
97	100		
83	91.7	68.6	102.8
85	58.4	46.9	70.3
99	60.2	49.9	74.9

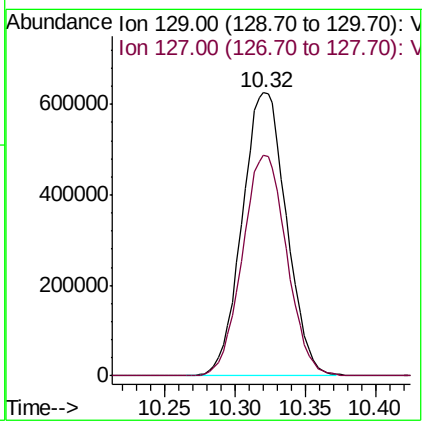


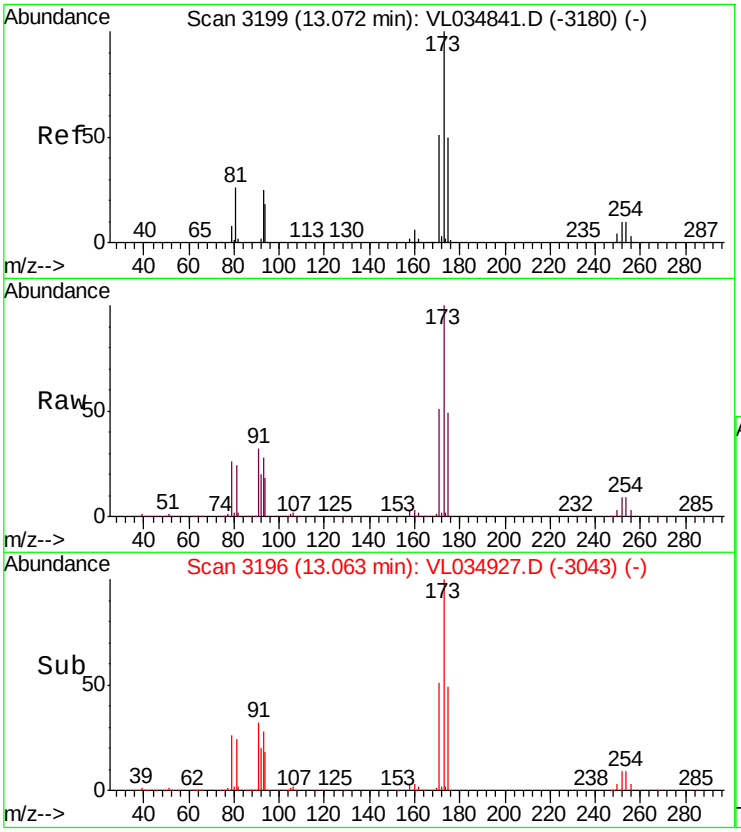


#48
Dibromochloromethane
Concen: 10.640 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:129 Resp: 1374496

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.6	118.7



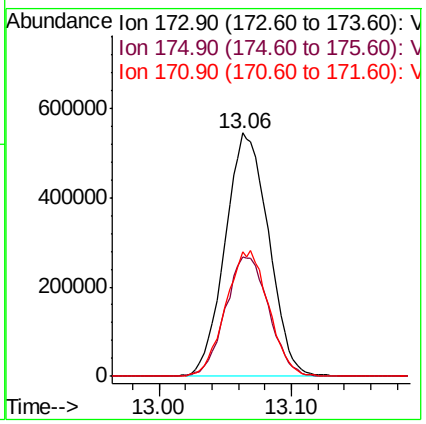


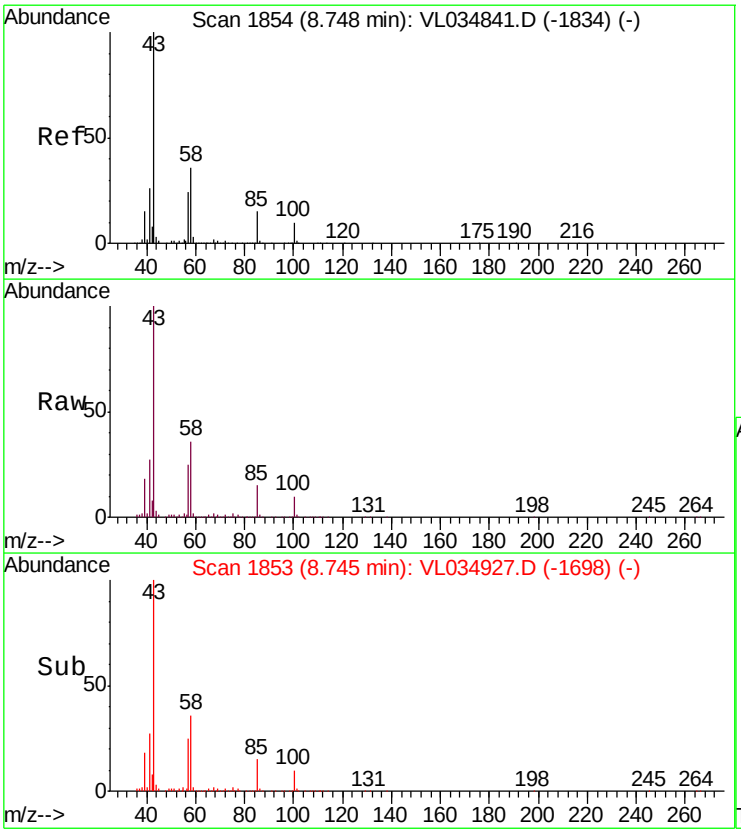
#49
Bromoform
Concen: 10.796 ppbv
RT: 13.06 min Scan# 3196
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1243450

Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.6	59.4
171	51.0	41.0	61.6

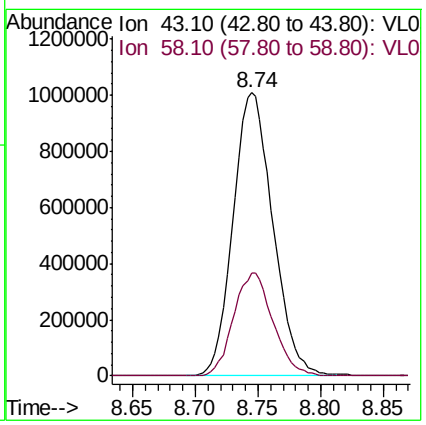


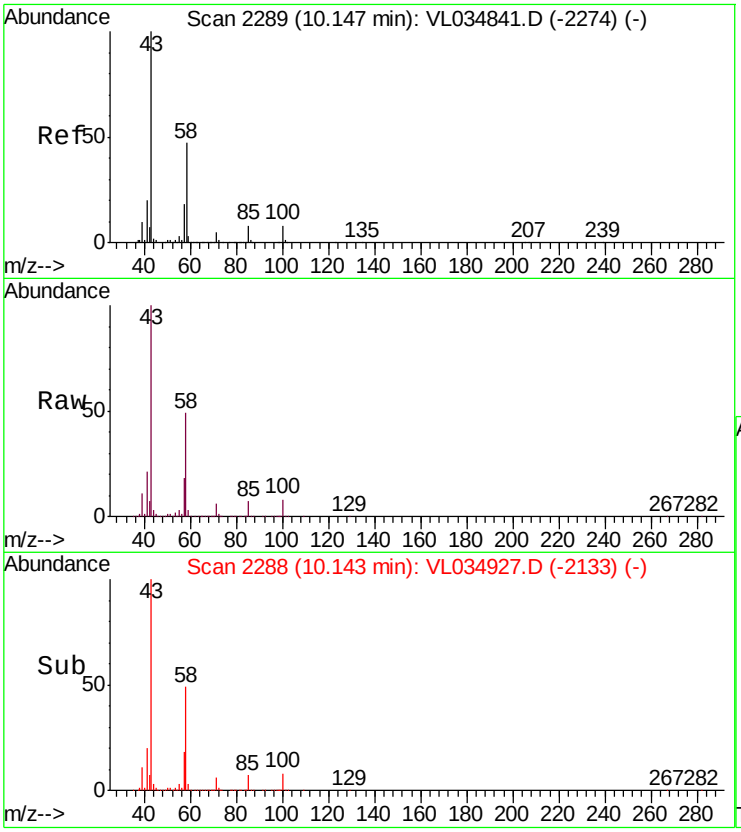


#50
4-Methyl-2-Pentanone
Concen: 10.564 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 43 Resp: 2224242

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.6	42.8



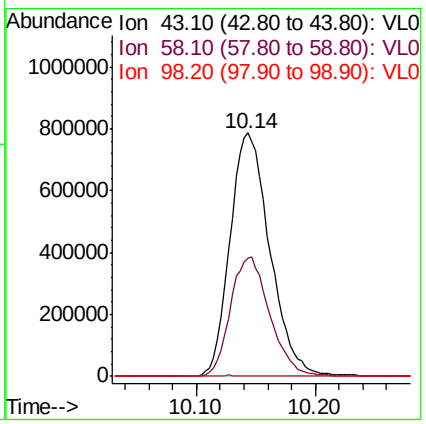


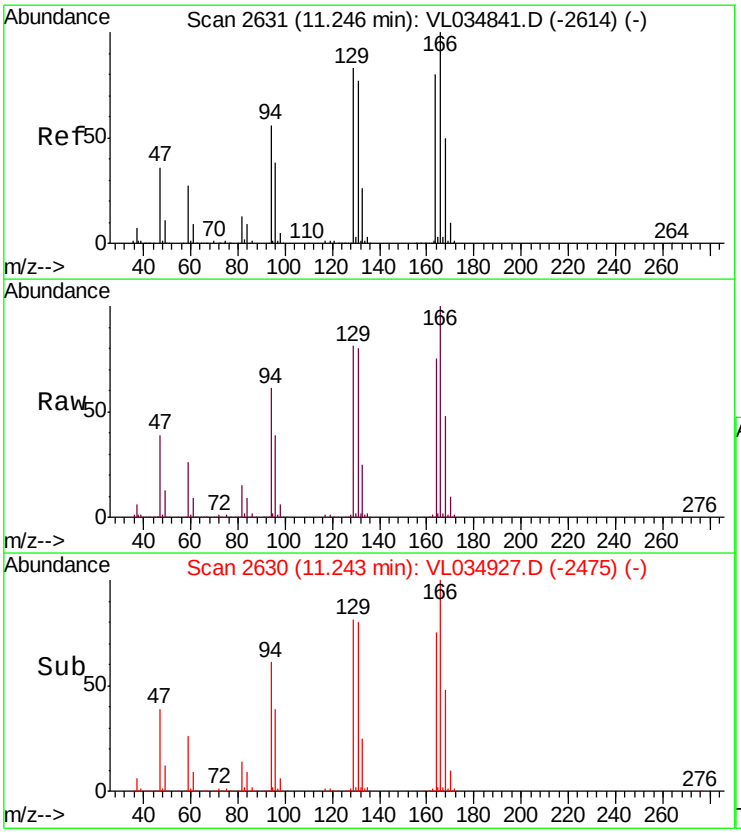
#51
2-Hexanone
Concen: 10.644 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1821199

Ion	Ratio	Lower	Upper
43	100		
58	48.5	38.6	58.0
98	0.4	0.1	0.1#

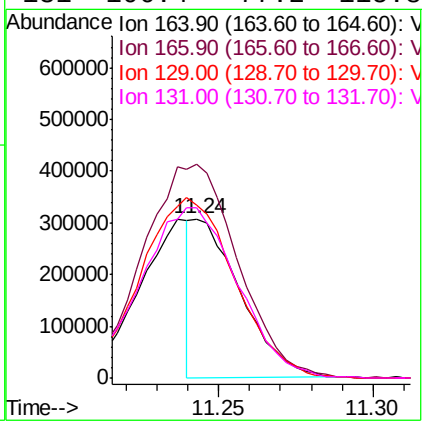


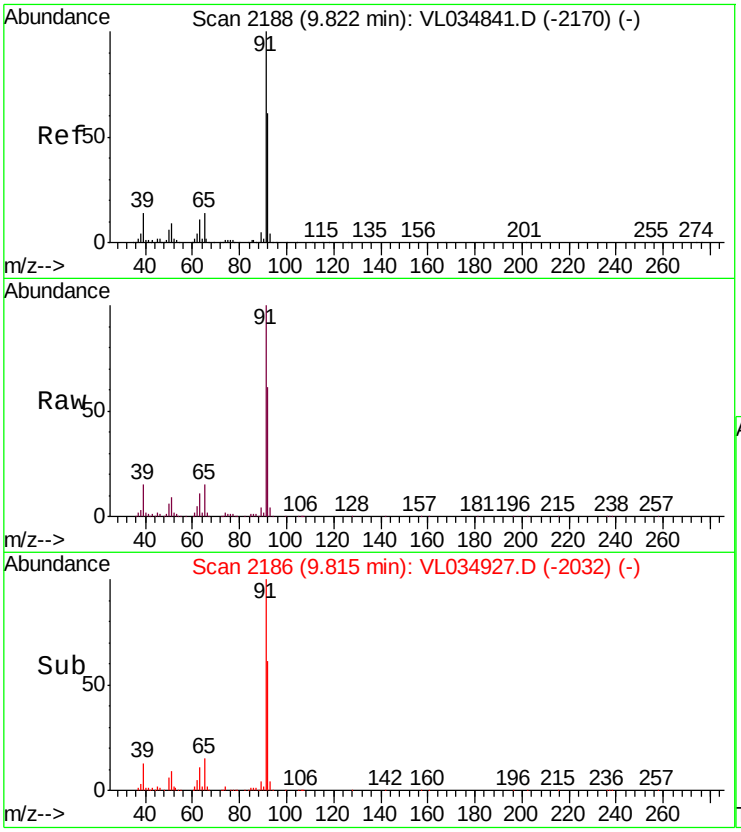


#52
Tetrachloroethene
Concen: 4.239 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:164 Resp: 329014

Ion	Ratio	Lower	Upper
164	100		
166	133.7	100.0	150.0
129	108.1	83.1	124.7
131	106.4	77.2	115.8



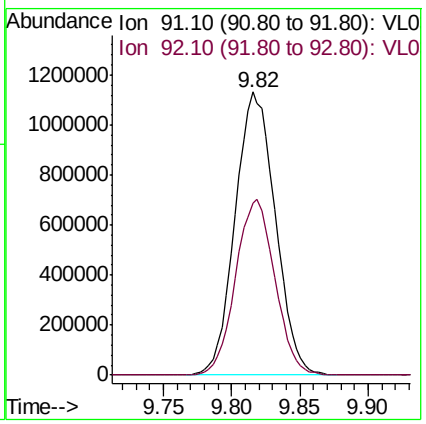


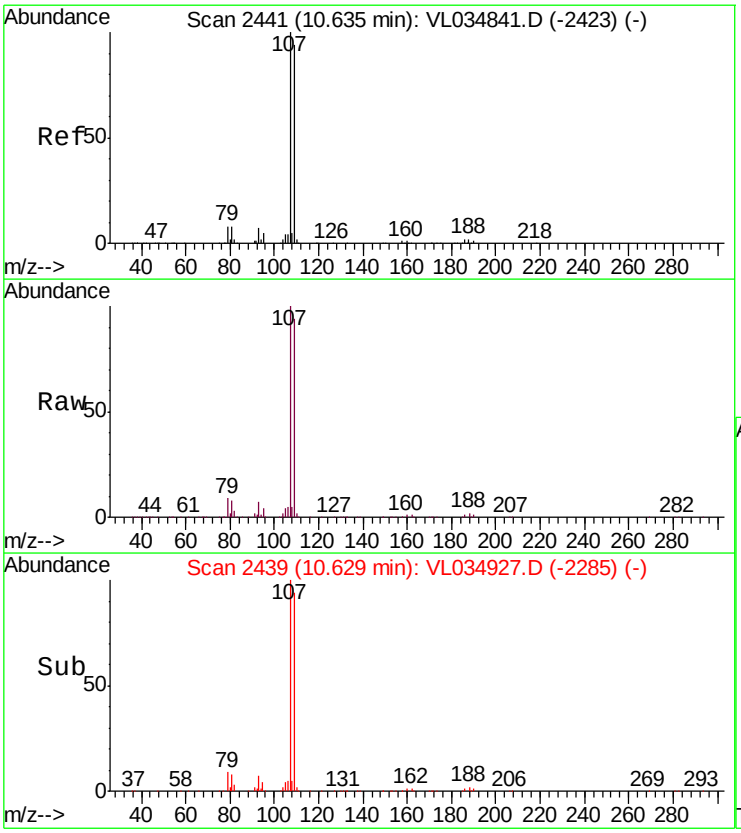
#53
Toluene
Concen: 10.207 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2312437

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.6	72.8

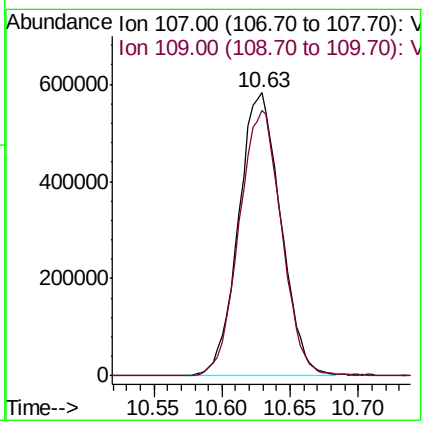


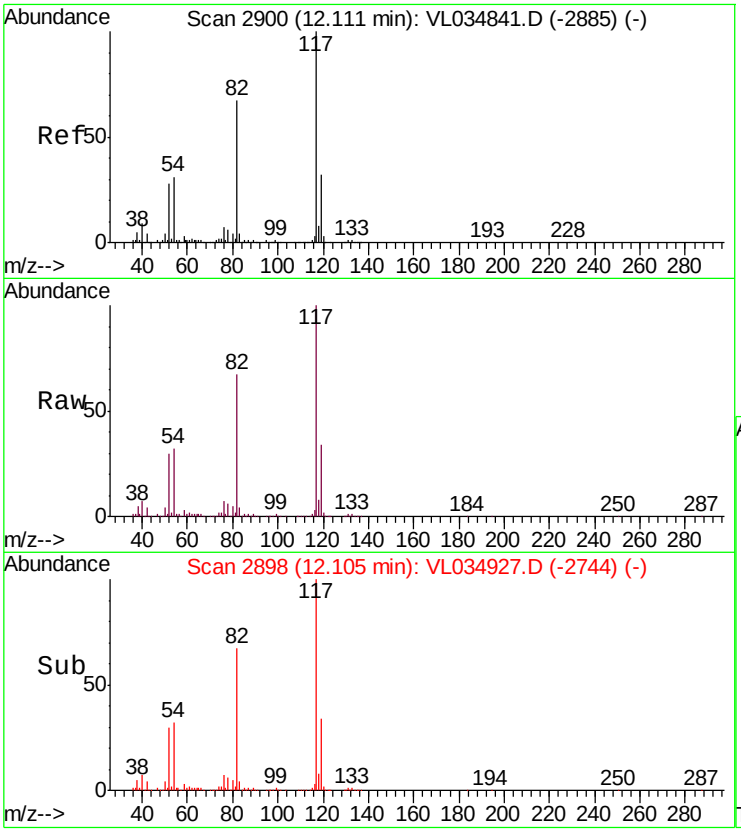


#54
1,2-Dibromoethane
Concen: 10.442 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:107 Resp: 1253809

Ion	Ratio	Lower	Upper
107	100		
109	93.6	74.9	112.3



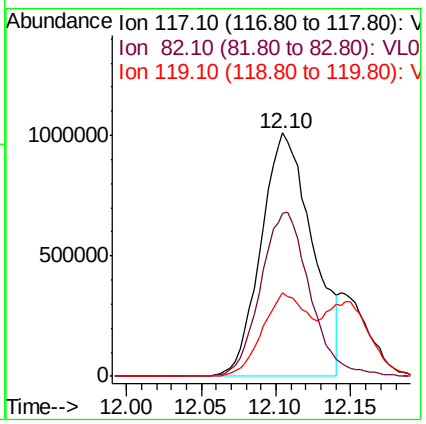


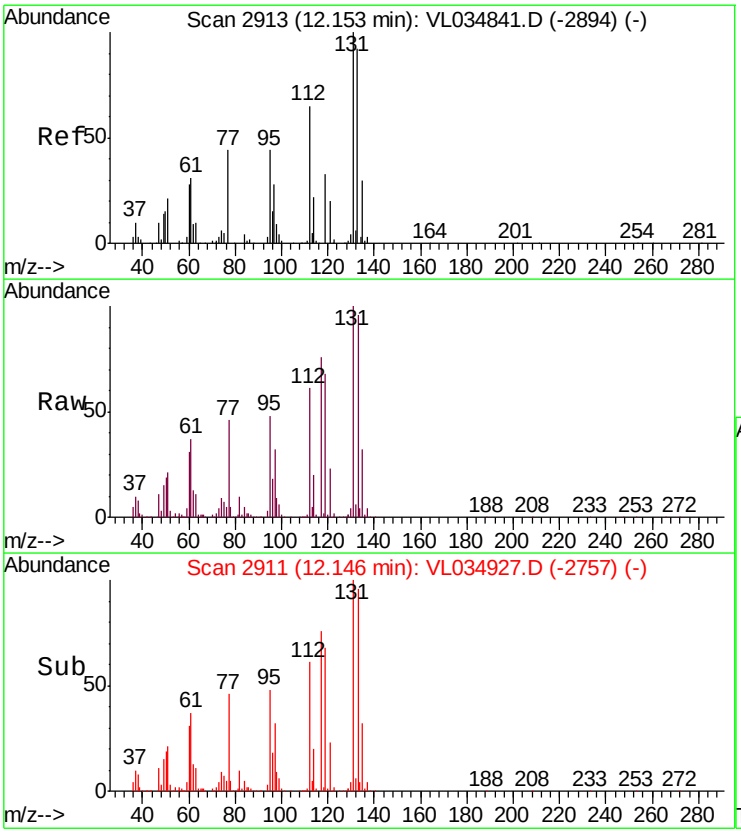
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2409341

Ion	Ratio	Lower	Upper
117	100		
82	65.2	51.1	76.7
119	30.9	27.3	40.9

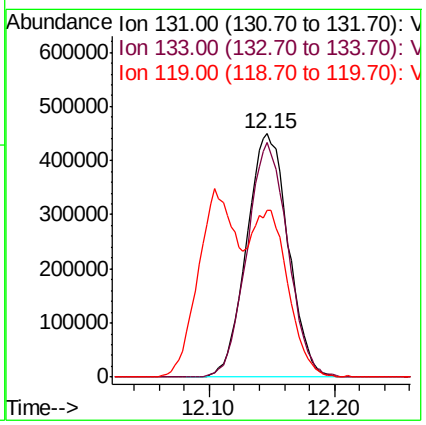


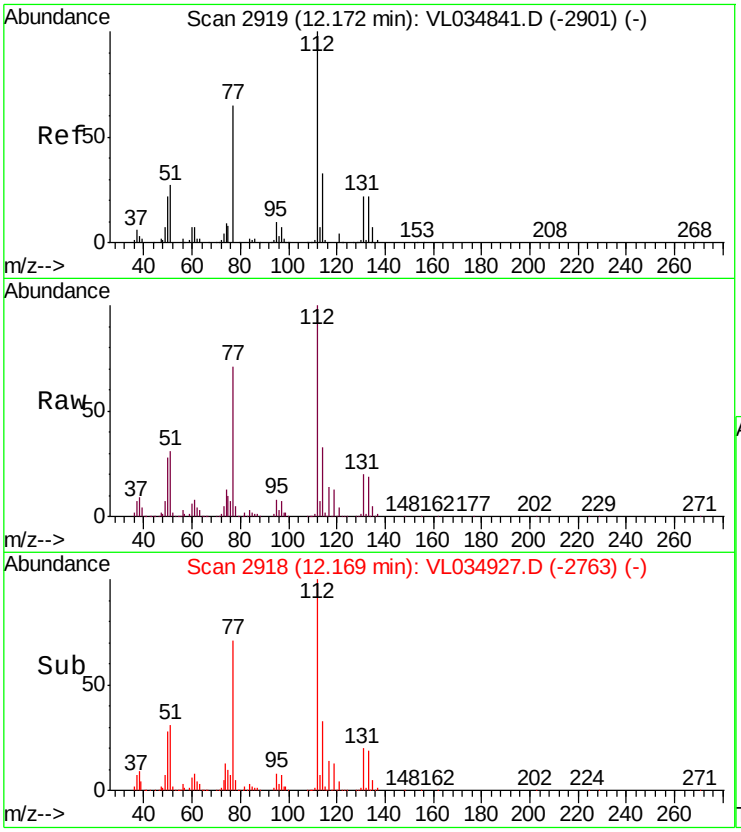


#56
1,1,1,2-Tetrachloroethane
Concen: 9.585 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:131 Resp: 1037327

Ion	Ratio	Lower	Upper
131	100		
133	94.7	76.0	114.0
119	58.5	47.8	71.8



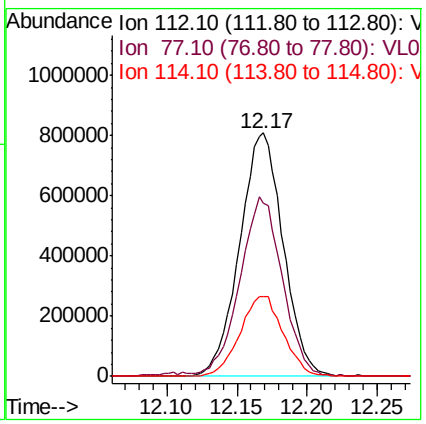


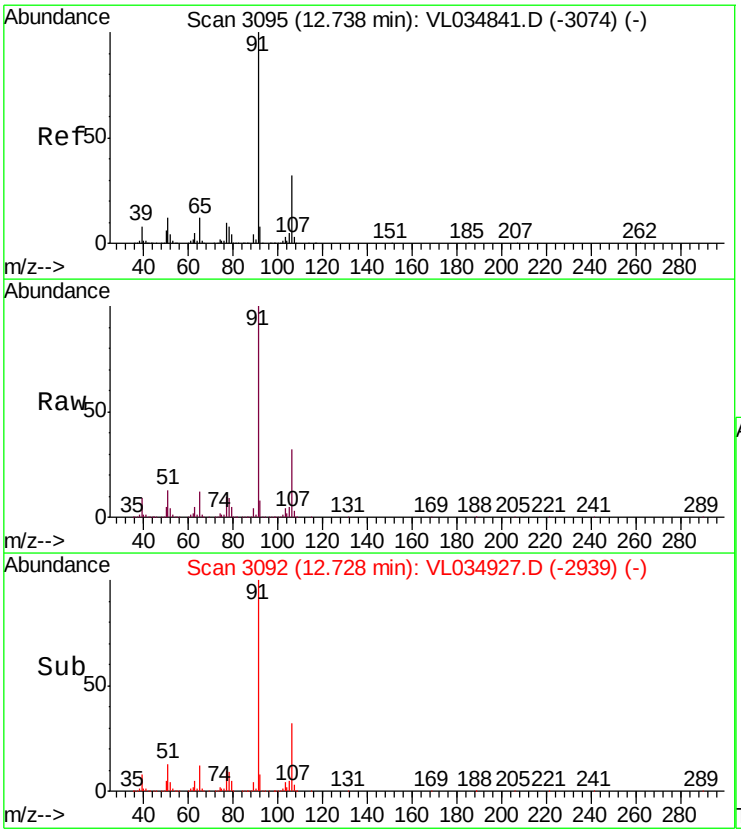
#57
Chlorobenzene
Concen: 9.200 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1734349

Ion	Ratio	Lower	Upper
112	100		
77	70.9	53.0	79.6
114	32.7	29.5	36.1

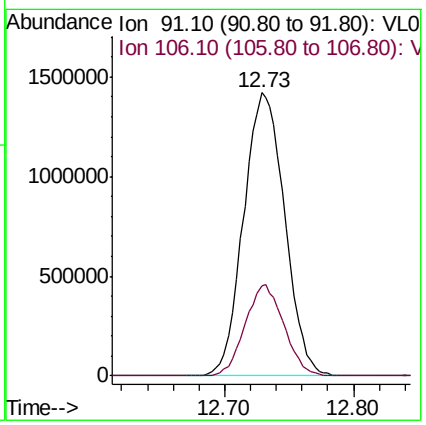


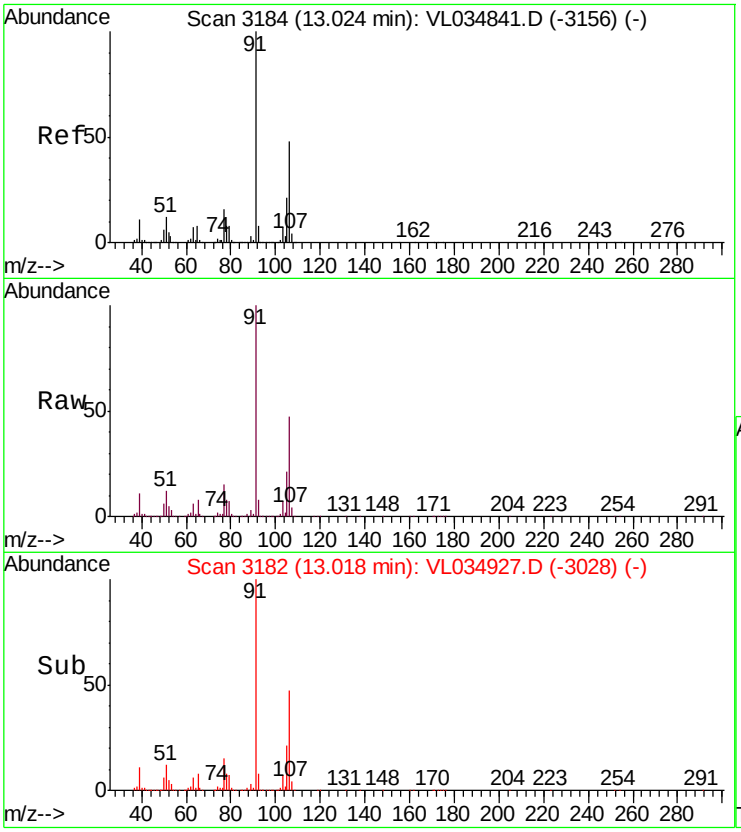


#58
Ethyl Benzene
Concen: 9.657 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 91 Resp: 3150791

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.8	38.6



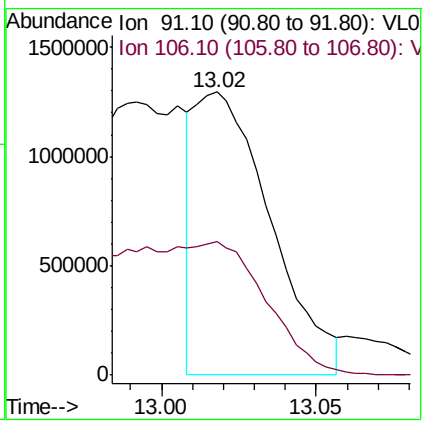


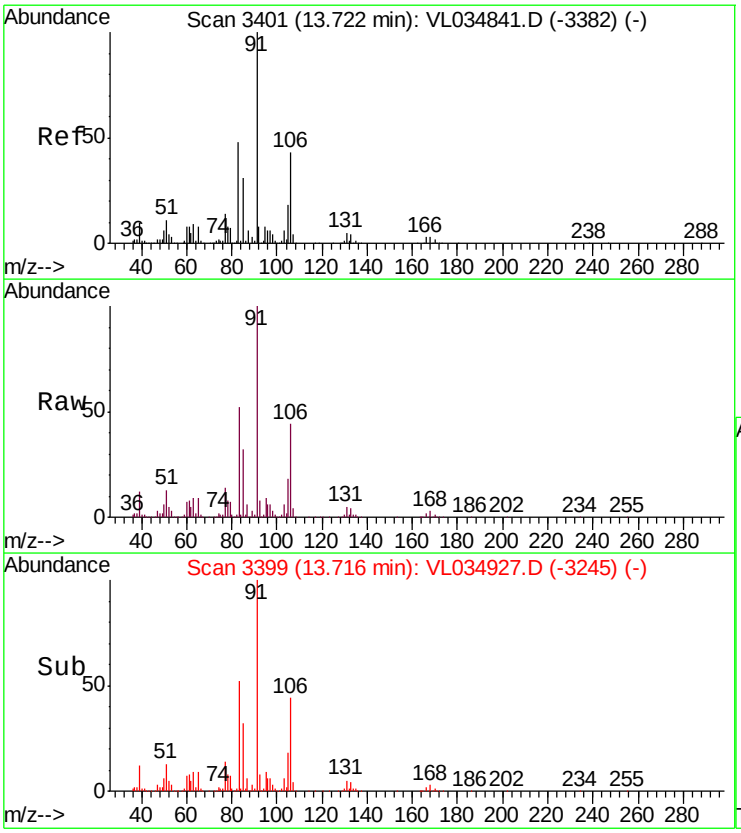
#59
m/p-Xylene
Concen: 7.995 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2185334

Ion	Ratio	Lower	Upper
91	100		
106	108.5	37.1	55.7#

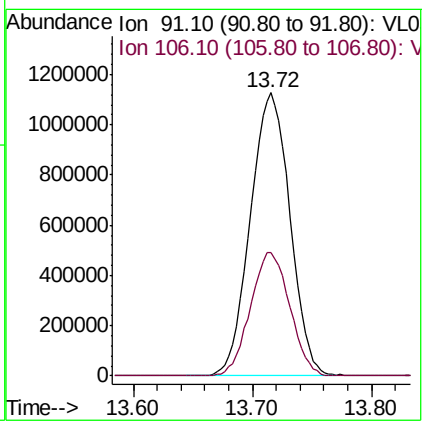


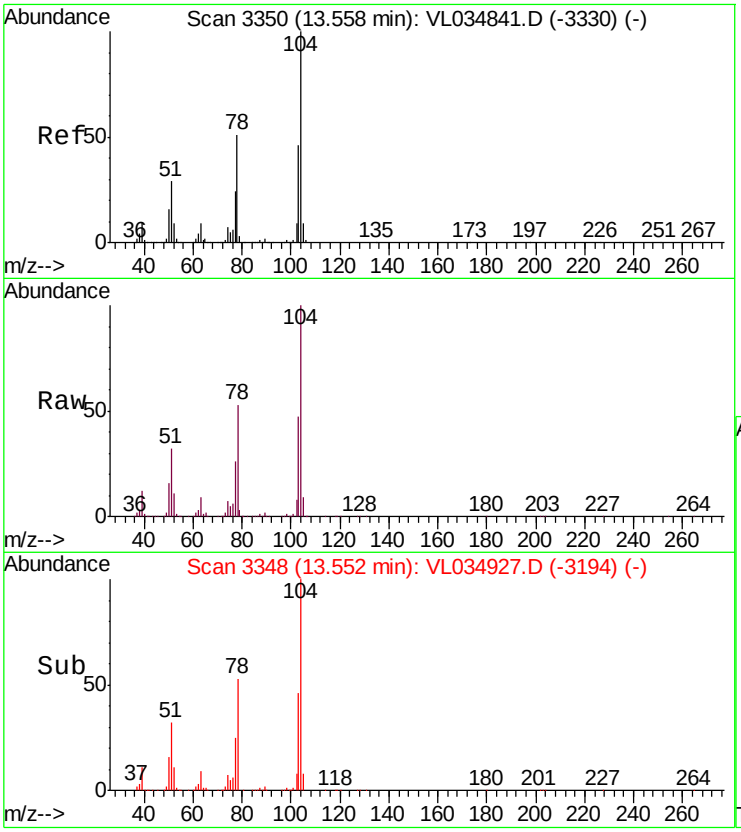


#60
o-Xylene
Concen: 9.719 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 91 Resp: 2593947

Ion	Ratio	Lower	Upper
91	100		
106	43.5	22.5	67.5



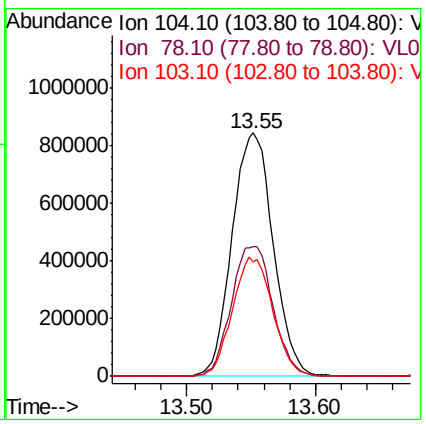


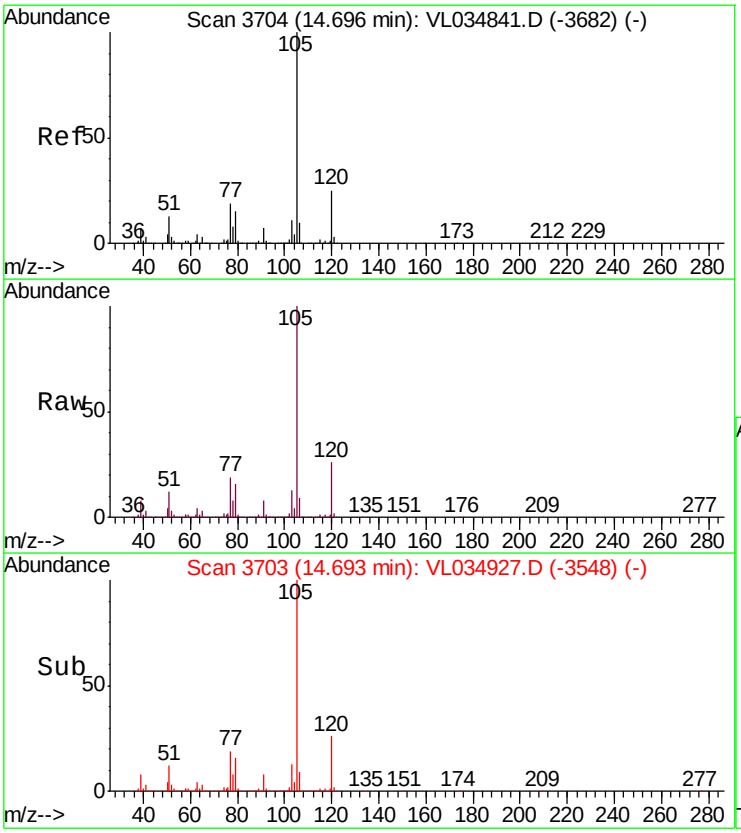
#61
Styrene
Concen: 9.947 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1863097

Ion	Ratio	Lower	Upper
104	100		
78	54.4	41.8	62.6
103	48.3	37.8	56.6

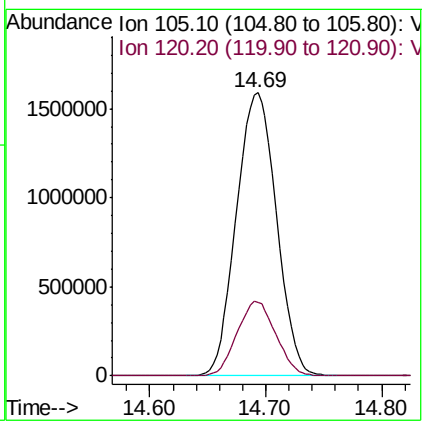


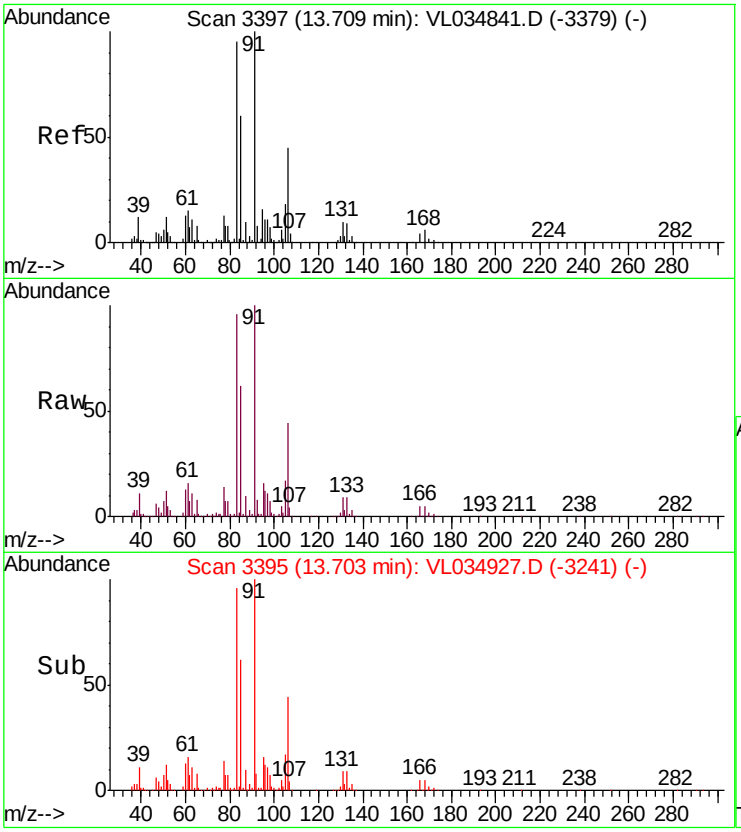


#62
Isopropylbenzene
Concen: 9.490 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:105 Resp: 3829856

Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.0	31.4



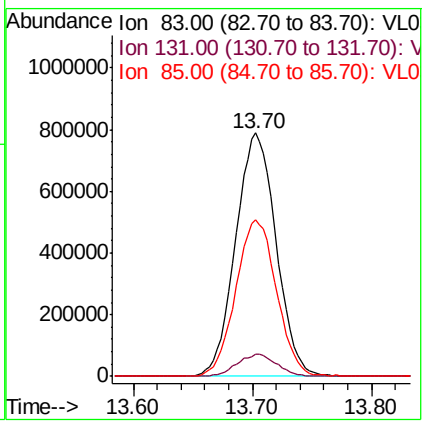


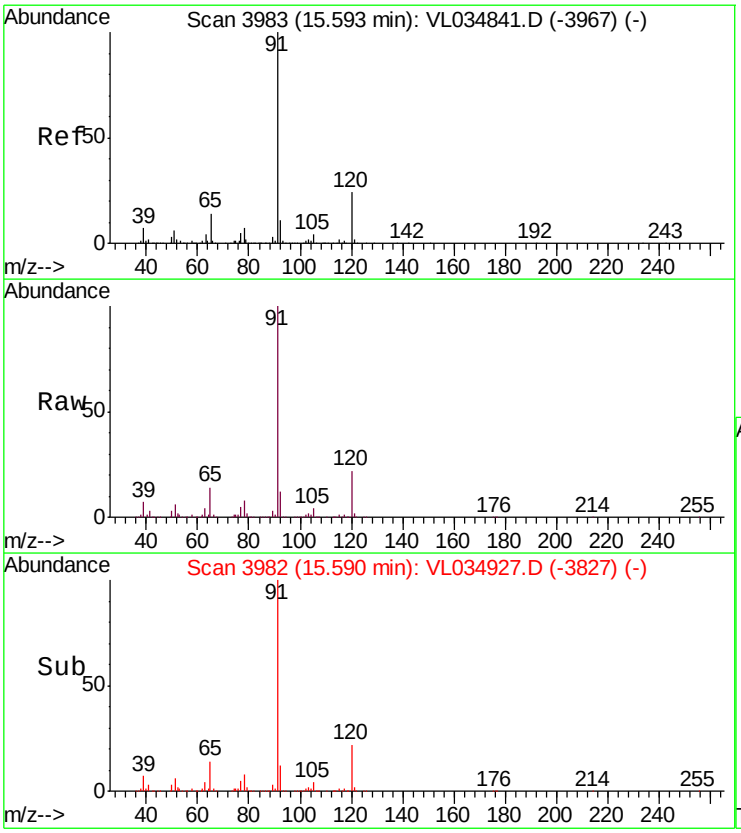
#63
1,1,2,2-Tetrachloroethane
Concen: 10.224 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1852475

Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.0	14.9
85	65.1	32.4	97.2

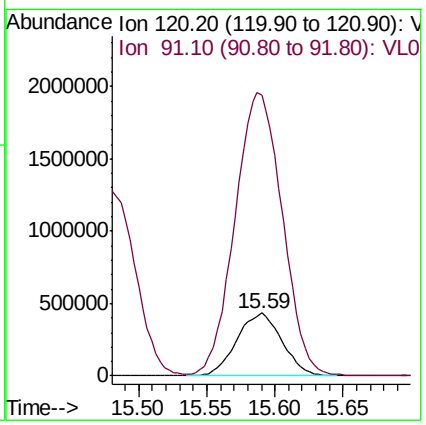


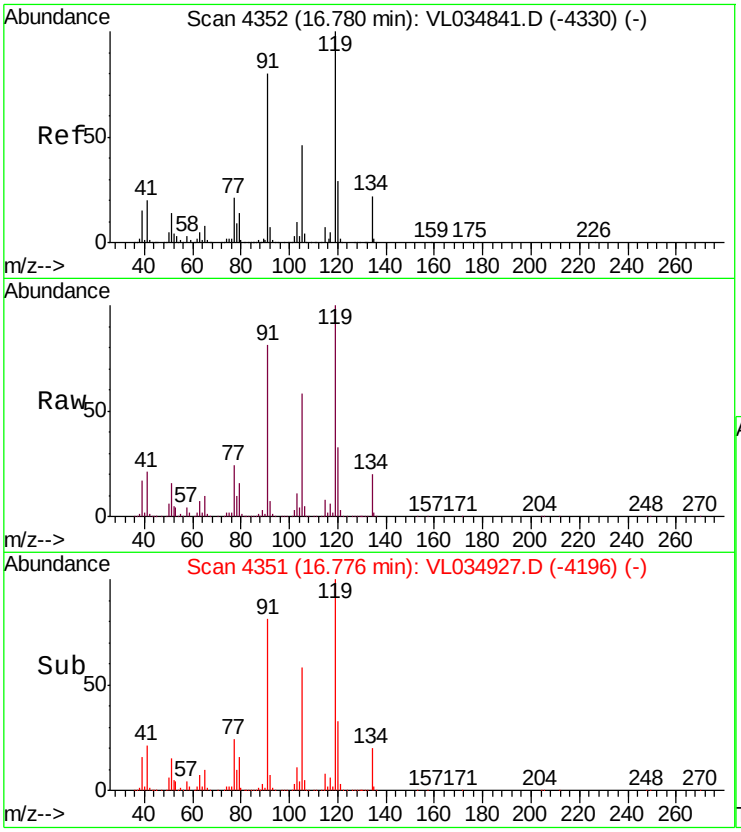


#64
n-propylbenzene
Concen: 9.439 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:120 Resp: 991453

Ion	Ratio	Lower	Upper
120	100		
91	477.3	360.9	541.3



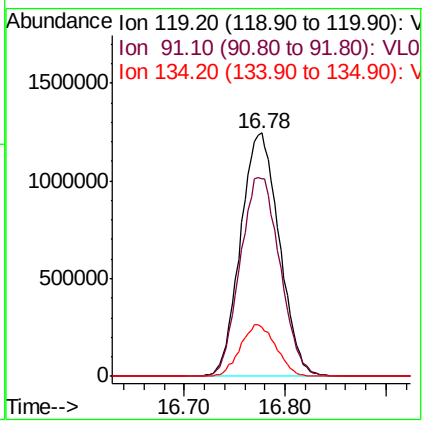


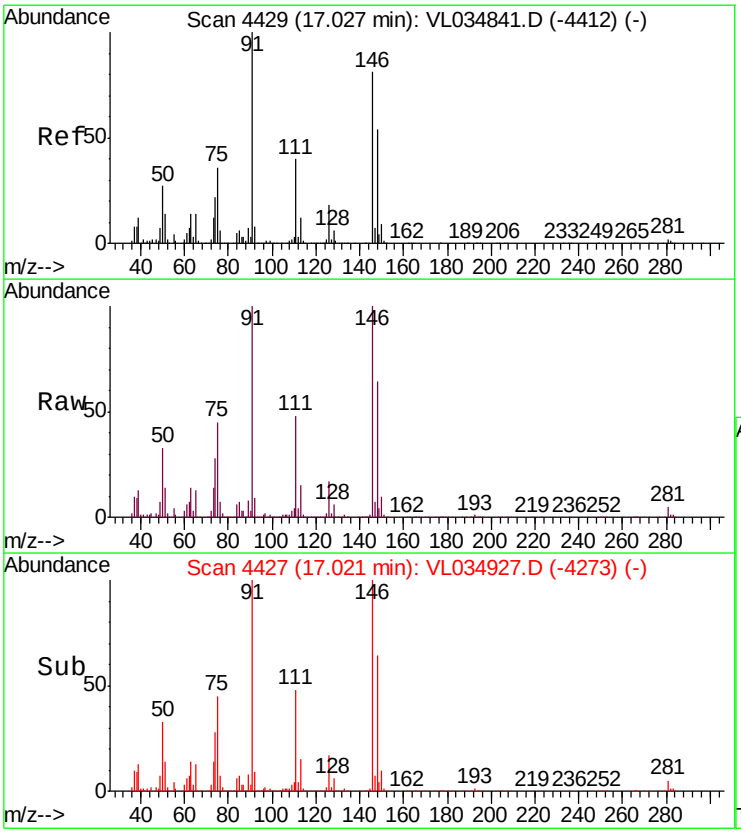
#65
tert-Butylbenzene
Concen: 9.376 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3307684

Ion	Ratio	Lower	Upper
119	100		
91	84.4	64.9	97.3
134	19.7	15.9	23.9

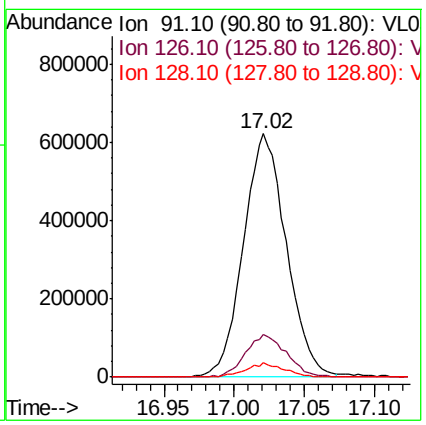


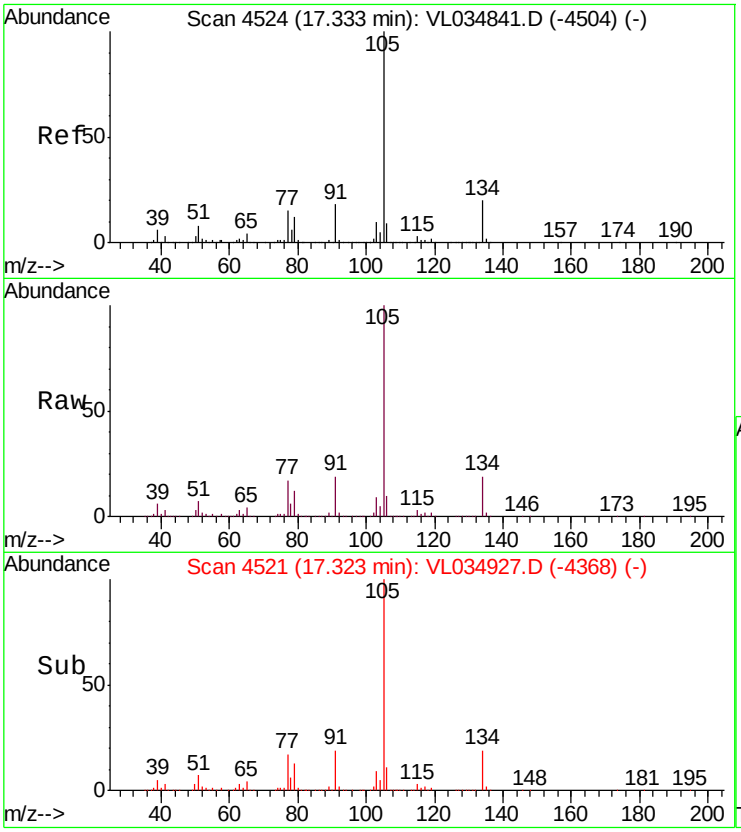


#66
Benzyl Chloride
Concen: 8.980 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 91 Resp: 1320990

Ion	Ratio	Lower	Upper
91	100		
126	16.8	14.7	22.1
128	5.3	4.7	7.1



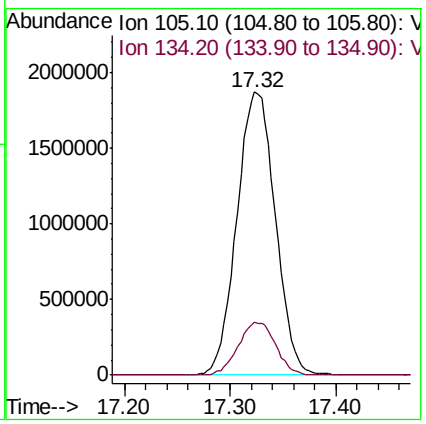


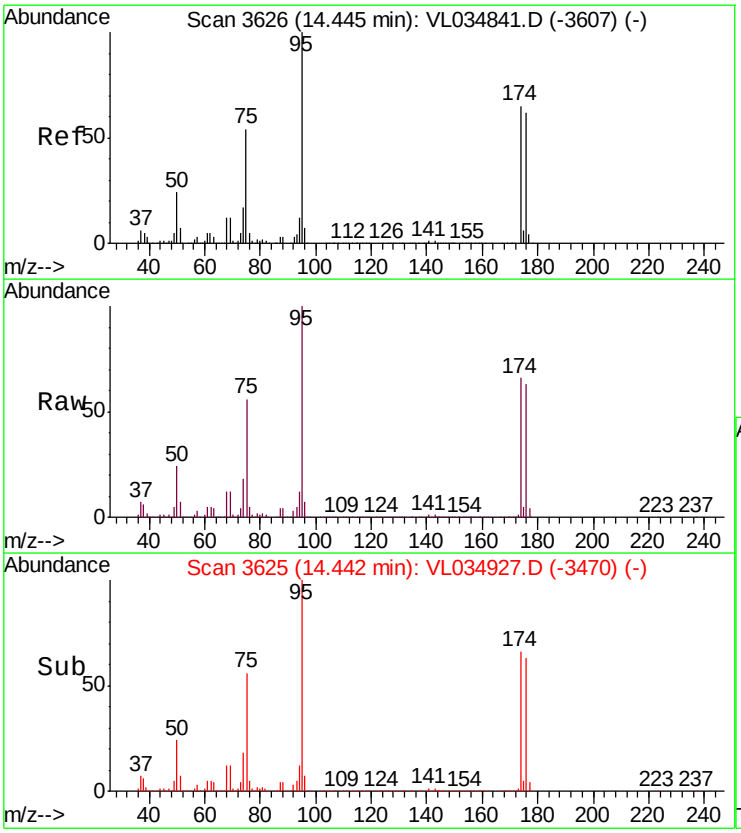
#67
sec-Butylbenzene
Concen: 9.695 ppbv
RT: 17.32 min Scan# 4521
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4742909

Ion	Ratio	Lower	Upper
105	100		
134	18.2	15.0	22.6

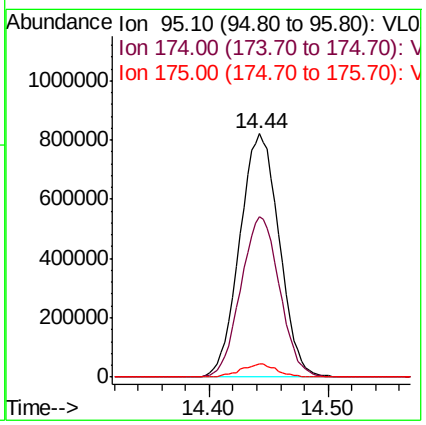


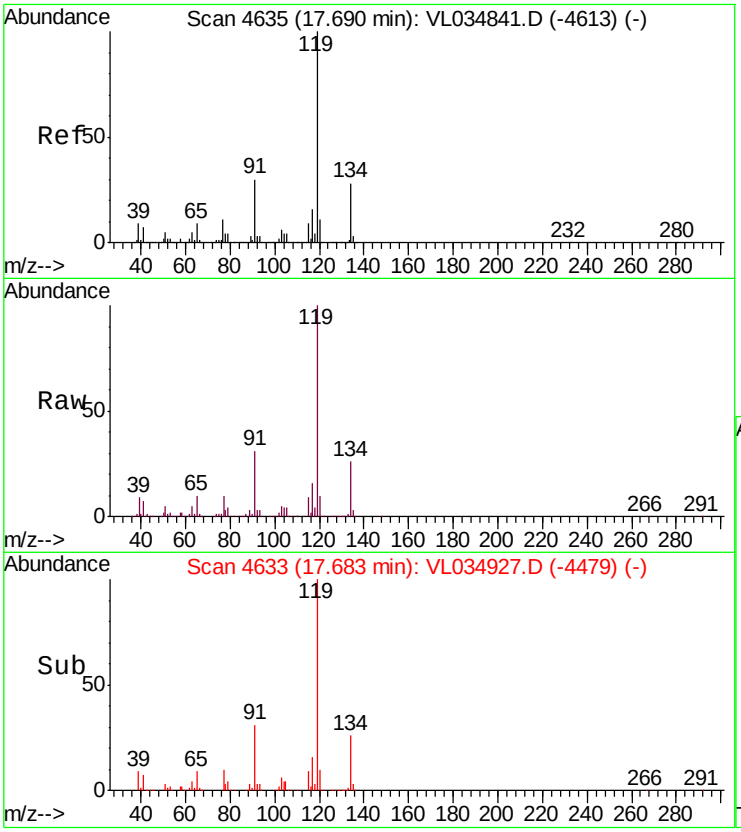


#68
1-Bromo-4-Fluorobenzene
Concen: 10.048 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 95 Resp: 1888002

Ion	Ratio	Lower	Upper
95	100		
174	64.9	55.2	82.8
175	4.9	4.3	6.5



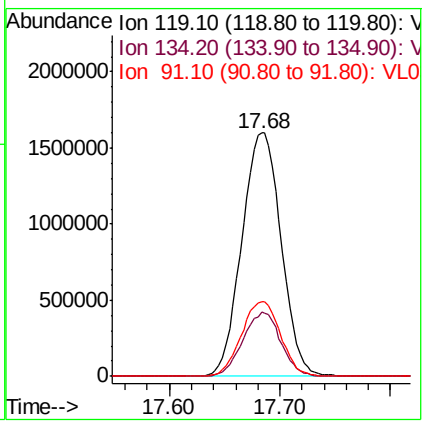


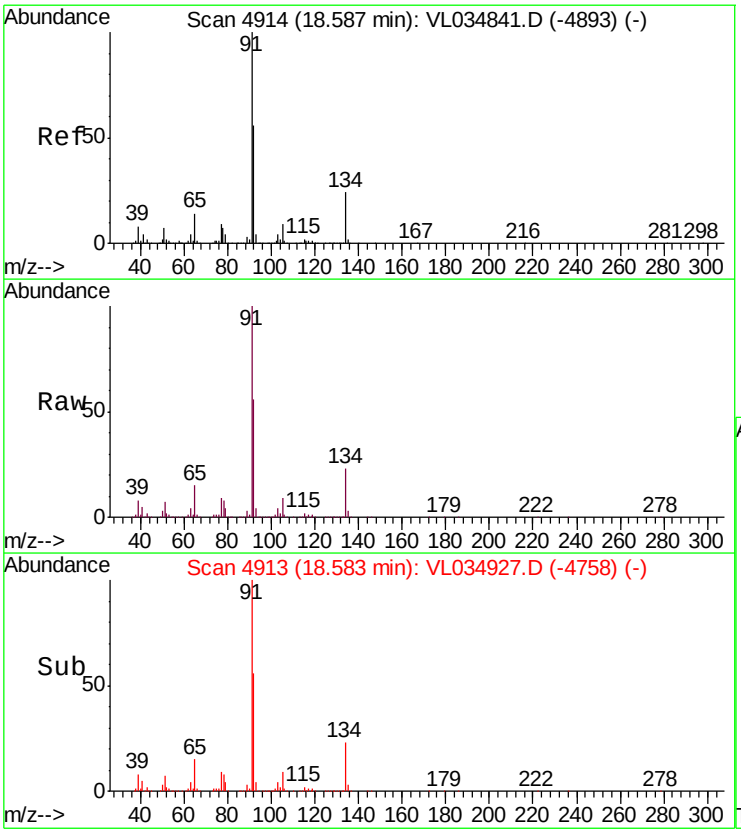
#69
p-Isopropyltoluene
Concen: 9.623 ppbv
RT: 17.68 min Scan# 4633
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3947136

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	30.7	23.4	35.2

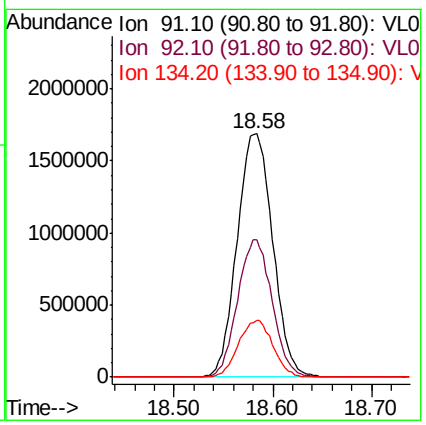


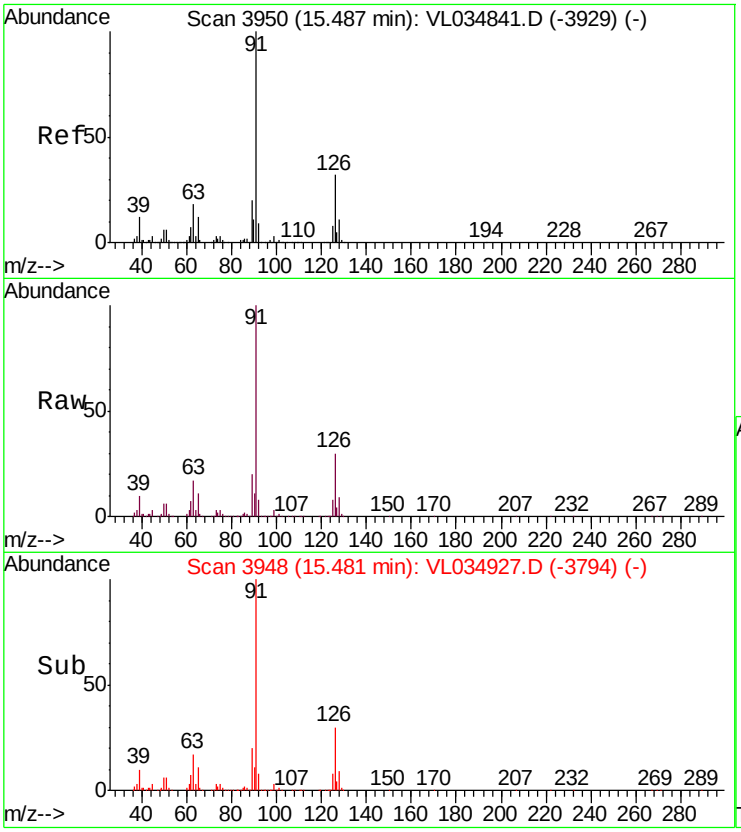


#70
n-Butylbenzene
Concen: 10.075 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion: 91 Resp: 4216613

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	22.5	19.0	28.4



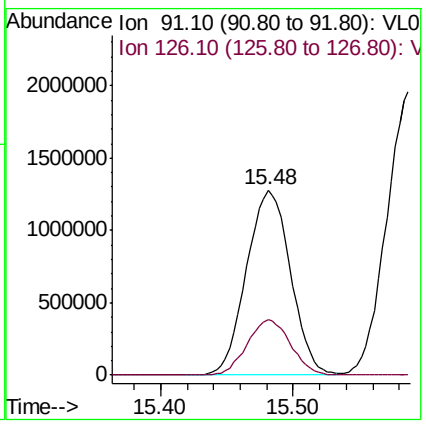


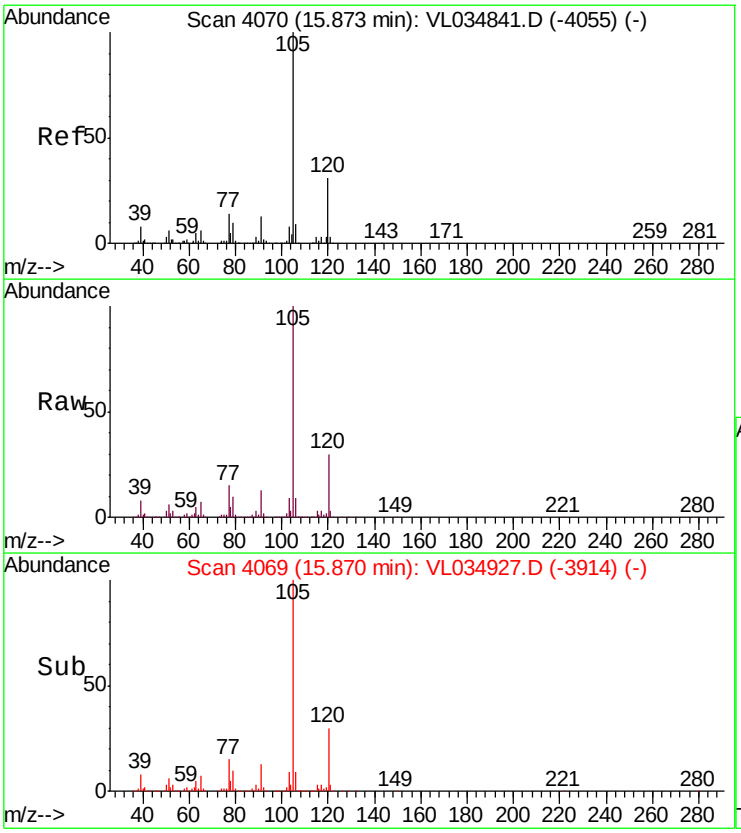
#71
2-Chlorotoluene
Concen: 9.721 ppbv
RT: 15.48 min Scan# 3948
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2971061

Ion	Ratio	Lower	Upper
91	100		
126	29.4	12.3	49.1

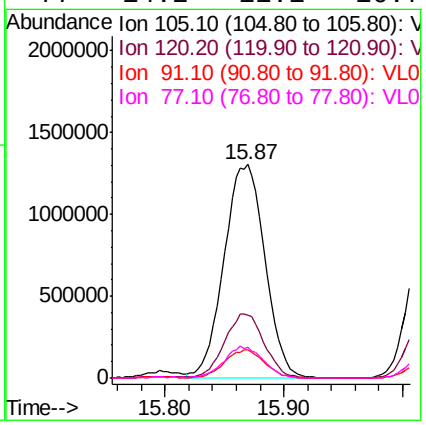


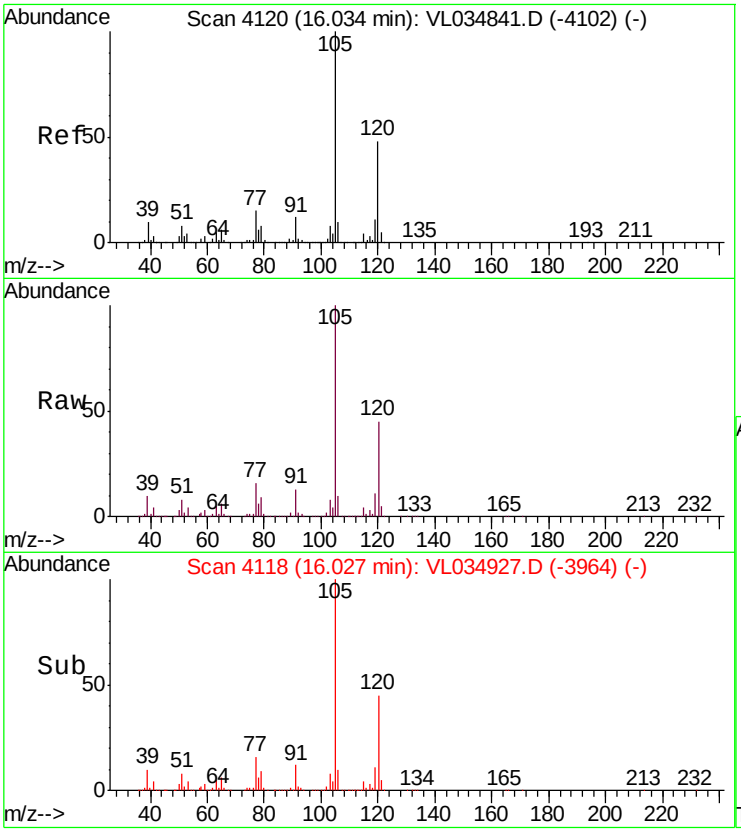


#72
4-Ethyltoluene
Concen: 9.817 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:105 Resp: 3094208

Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.7	35.5
91	12.8	10.5	15.7
77	14.2	11.1	16.7



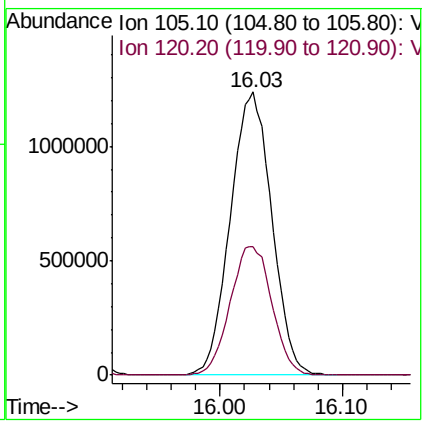


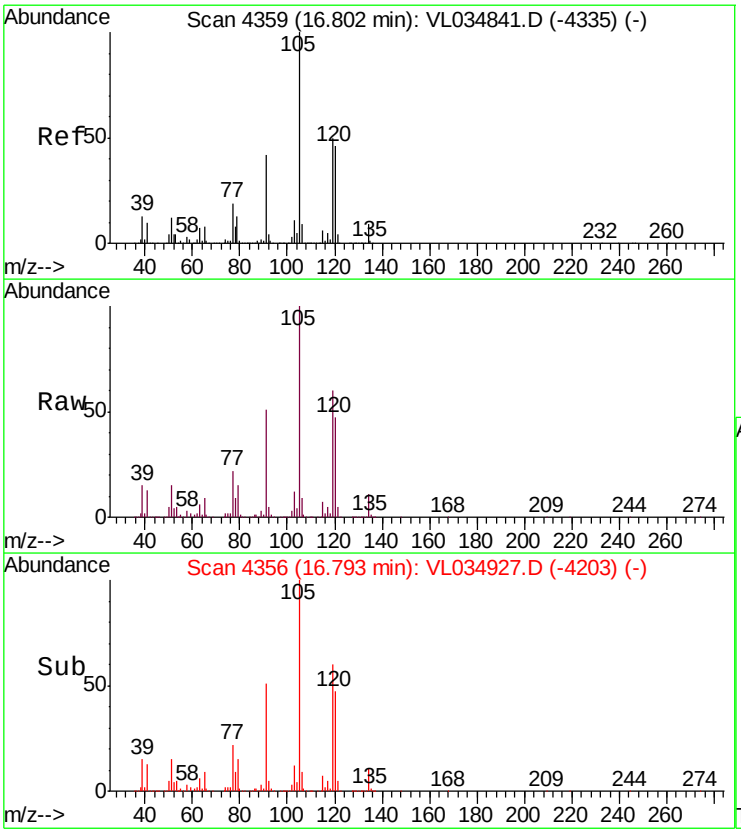
#73
1,3,5-Trimethylbenzene
Concen: 9.766 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2881634

Ion	Ratio	Lower	Upper
105	100		
120	45.5	38.6	58.0

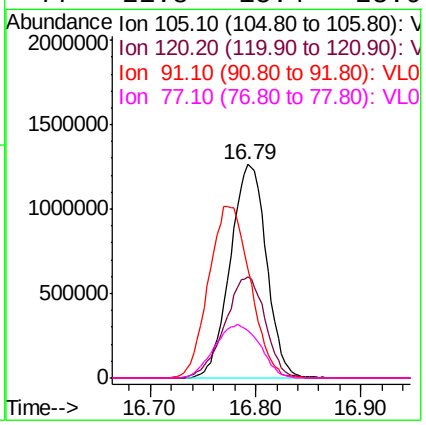


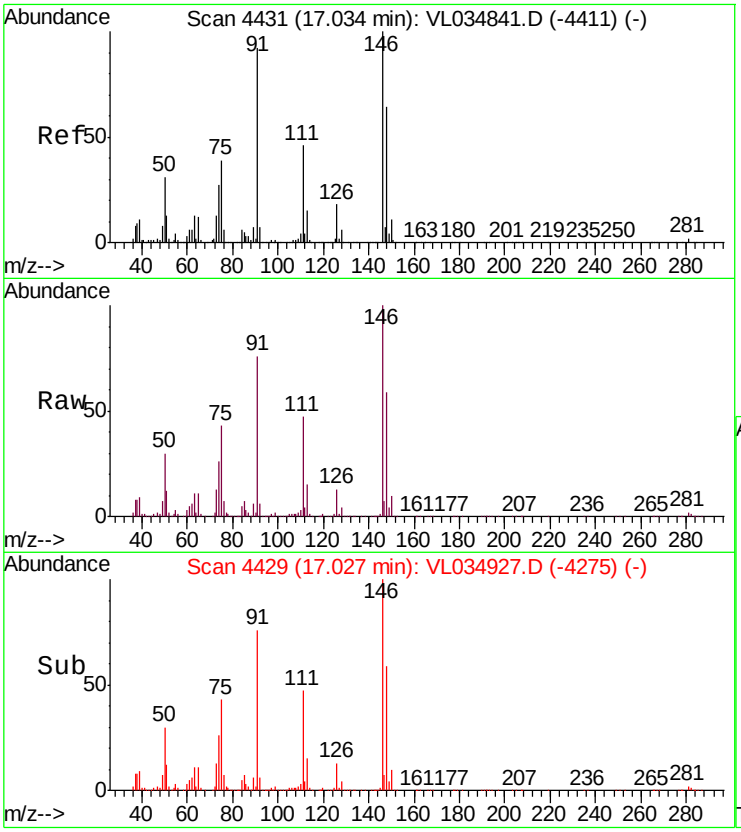


#74
1,2,4-Trimethylbenzene
Concen: 9.894 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:105 Resp: 3007620

Ion	Ratio	Lower	Upper
105	100		
120	47.3	37.0	55.4
91	50.9	33.8	50.6#
77	21.8	15.4	23.0



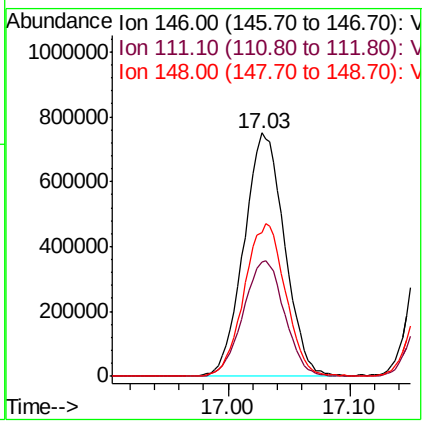


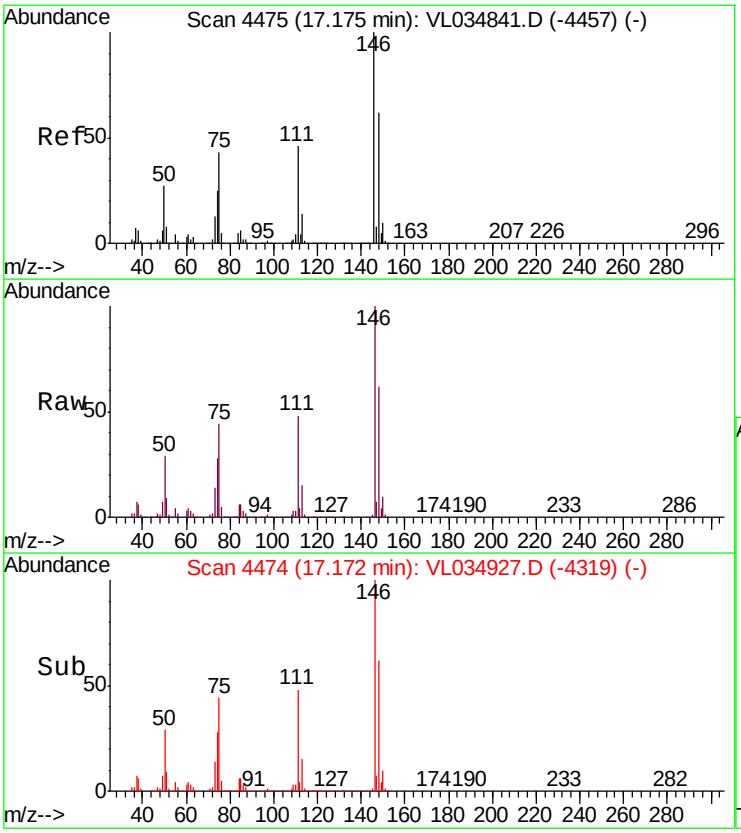
#75
1,3-Dichlorobenzene
Concen: 9.412 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1725186

Ion	Ratio	Lower	Upper
146	100		
111	48.4	23.9	71.7
148	64.0	32.5	97.5

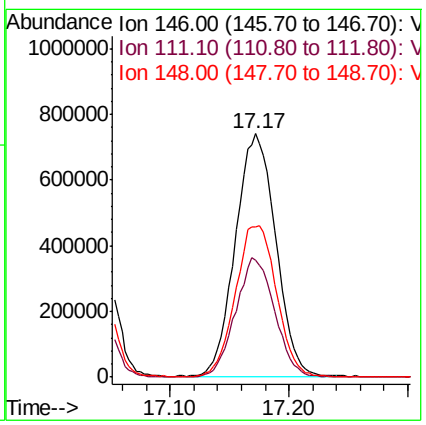


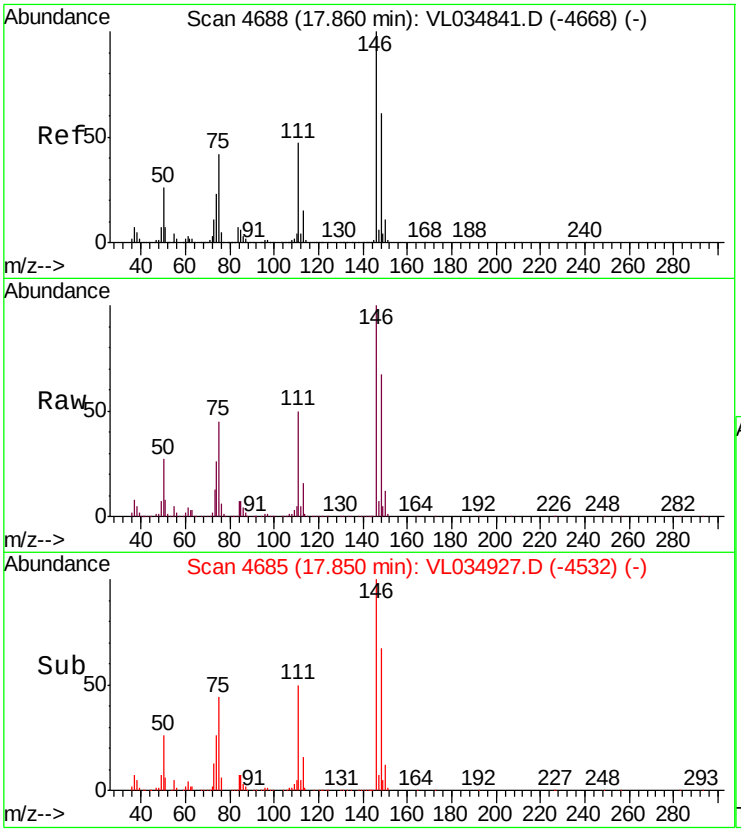


#76
1,4-Dichlorobenzene
Concen: 9.461 ppbv
RT: 17.17 min Scan# 4474
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:146 Resp: 1730542

Ion	Ratio	Lower	Upper
146	100		
111	47.8	23.4	70.2
148	64.1	32.3	96.9



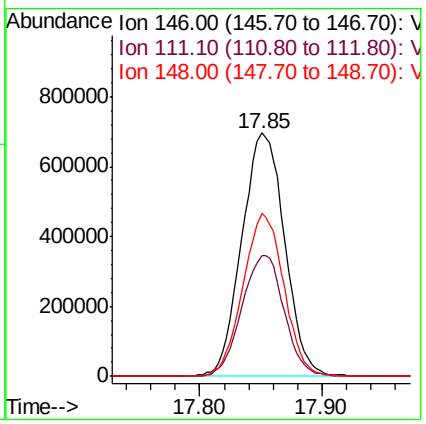


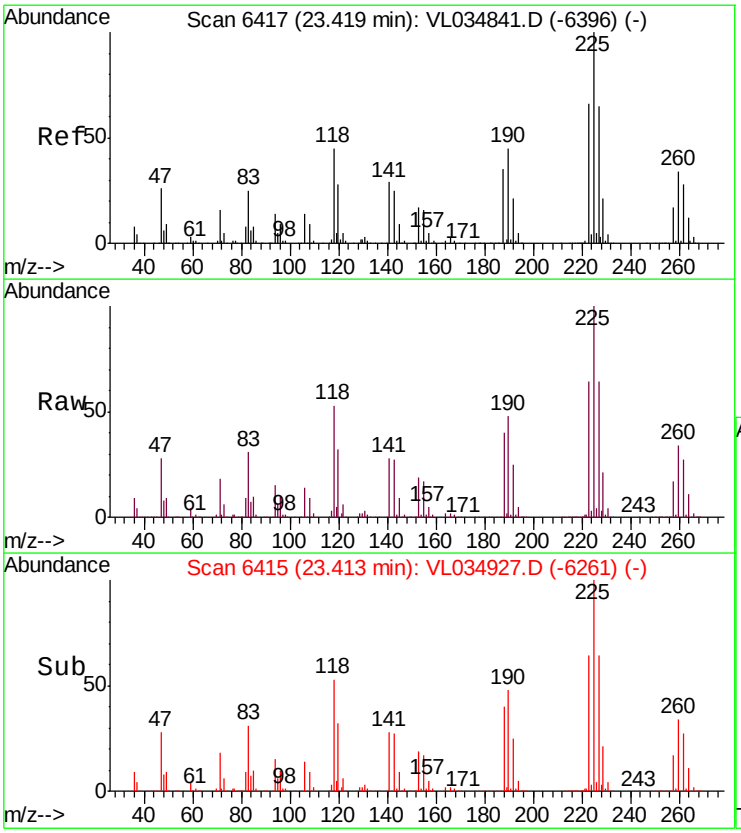
#77
1,2-Dichlorobenzene
Concen: 9.503 ppbv
RT: 17.85 min Scan# 4685
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1688334

Ion	Ratio	Lower	Upper
146	100		
111	49.2	23.8	71.4
148	64.0	31.6	94.8

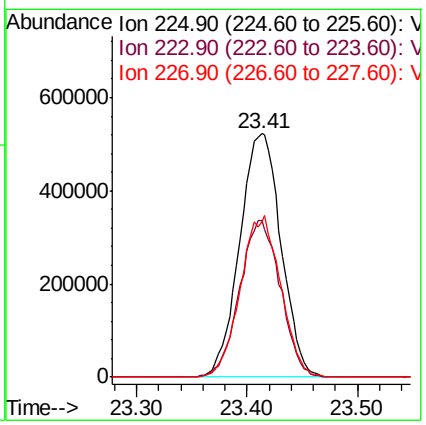


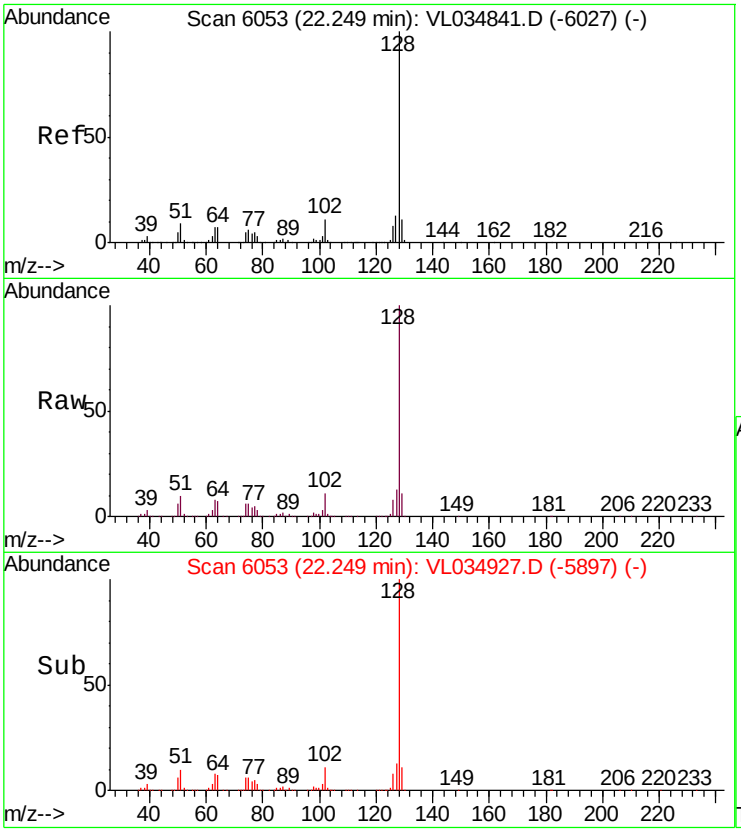


#78
Hexachloro-1,3-Butadiene
Concen: 9.152 ppbv
RT: 23.41 min Scan# 6415
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:225 Resp: 1358100

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	64.6	51.8	77.6



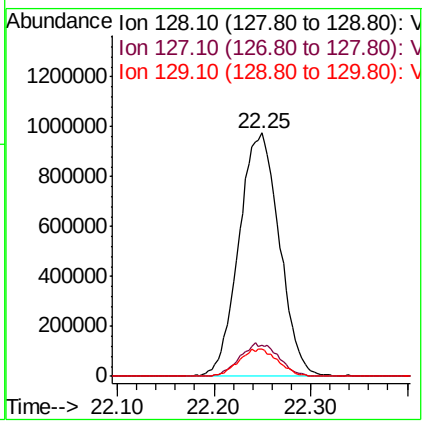


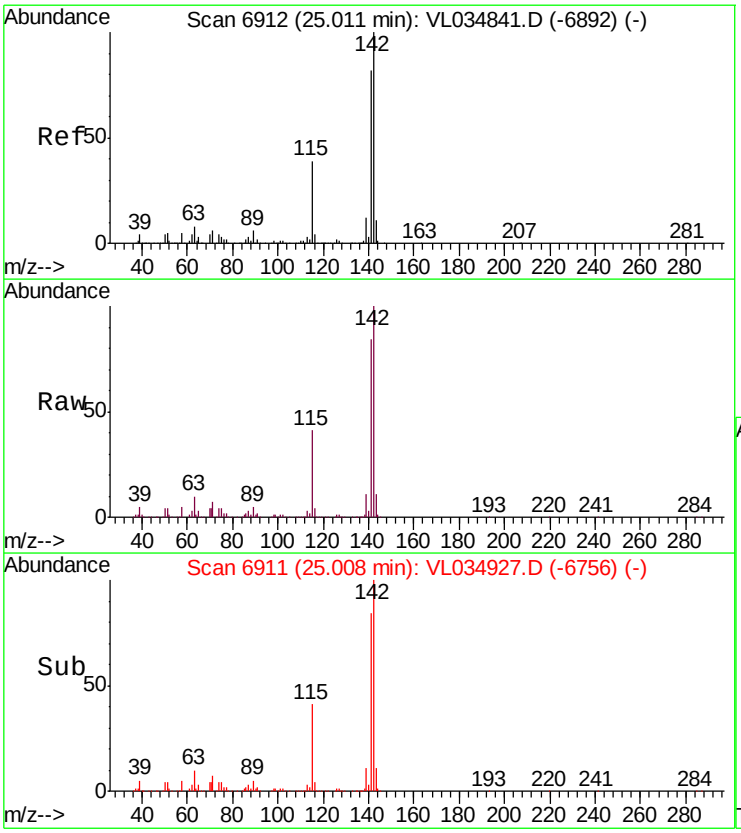
#79
Naphthalene
Concen: 11.933 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. 0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2828982

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.6	13.0

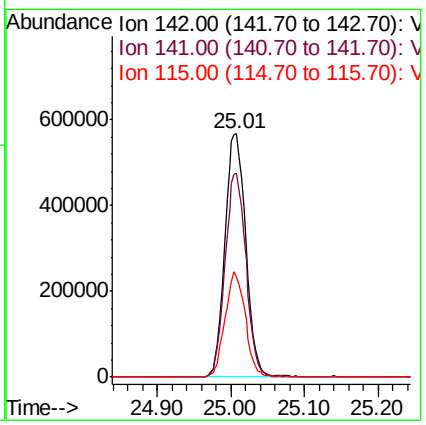


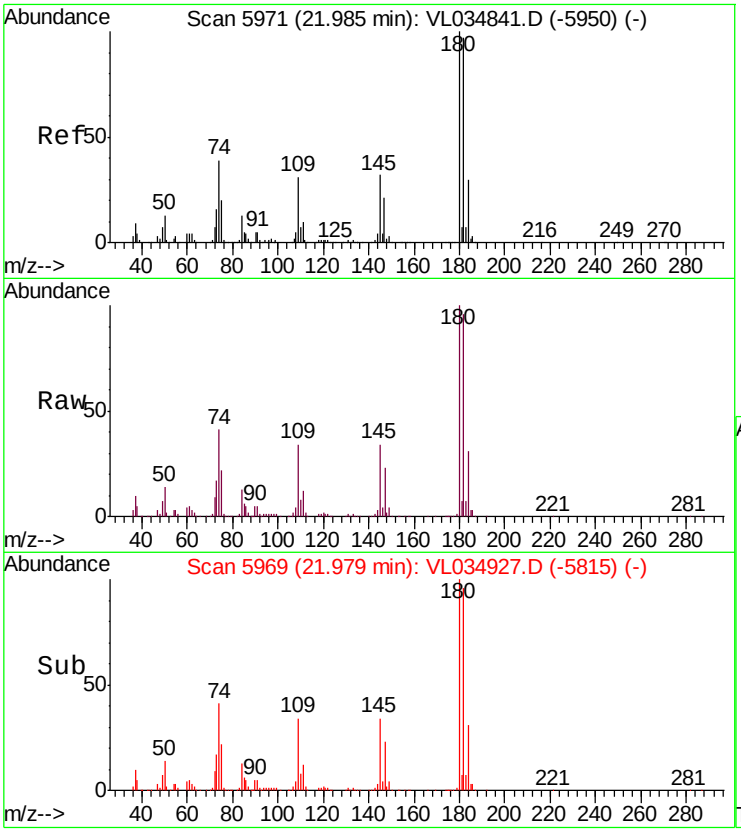


#80
Naphthalene,2-methyl-
Concen: 18.034 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.00 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Tgt Ion:142 Resp: 1117271

Ion	Ratio	Lower	Upper
142	100		
141	83.9	68.9	103.3
115	41.9	33.2	49.8





#81
1,2,4-Trichlorobenzene
Concen: 5.762 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. -0.01 min
Lab File: VL034927.D
Acq: 23 Mar 2020 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 867847

Ion	Ratio	Lower	Upper
180	100		
182	178.6	76.6	115.0#
184	57.3	25.0	37.4#