Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020620\

Quantitation Report (Not Reviewed)

Data File : VL034601.D
Acq On : 6 Feb 2020 14:41
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Feb 07 07:34:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	1072439	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.21	114	2193797	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.15	117	2843118	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1989782	8.28	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	1989773	8.424	ppbv		98
3) Chlorodifluoromethane	2.97	51	1193673	9.211	ppbv		99
4) Chloromethane	3.12	50	720848	9.092	ppbv		99
5) Vinyl Chloride	3.24	62	687990	9.084	ppbv		98
6) Bromomethane	3.46	94	379618	9.637	ppbv		97
7) Chloroethane	3.55	64	274941	9.762	ppbv		100
8) Dichlorotetrafluoroethane	3.17	85	1718163	9.306	ppbv		99
9) Propene	2.99	41	458520	9.088	ppbv		97
10) Heptane	8.17	43	1269190	9.996	ppbv		99
11) Trichlorofluoromethane	3.94	101	2057350	9.588	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1354190	9.673	ppbv		100
13) Ethanol	3.59	45	106573	7.886	ppbv		97
14) Bromoethene	3.73	108	546816	9.957	ppbv		100
15) Acetone	3.84	43	1405457	8.917	ppbv		99
16) 1,3-Butadiene	3.31	39	623453	9.961	ppbv		98
17) tert-Butyl alcohol	4.29	59	1223388	10.554	ppbv		99
18) 1,1-Dichloroethene	4.29	96	597092	10.103	ppbv		93
19) Isopropyl Alcohol	3.96	45	899311	9.777	ppbv	#	99
20) Methylene Chloride	4.35	84	532221	8.868	ppbv		95
21) Allyl Chloride	4.41	41	1000059	10.216	ppbv		98
22) trans-1,2-Dichloroethene	4.89	96	631383	10.201	ppbv		93
23) Vinyl Acetate	5.09	43	1743789	9.697	ppbv		99
24) 1,1-Dichloroethane	5.02	63	1407177	9.373	ppbv		98
25) Ethyl Acetate	5.70	43	2349322	9.207	ppbv		99
26) Hexane	5.71	57	1016147	9.507	ppbv		98
27) Carbon Disulfide	4.55	76	1560678	10.822	ppbv		99
28) Methyl tert-Butyl Ether	5.04	73	1782414	9.779	ppbv		100
29) Chloroform	5.77	83	1760351	9.315	ppbv		99
30) Cyclohexane	7.16	84	814651	10.286	ppbv		97
31) cis-1,2-Dichloroethene	5.57	61	1099835	9.904	ppbv		97
32) 1,1,1-Trichloroethane	6.54	97	1867433	9.202	ppbv		100
34) 2-Butanone	5.26	43	1489633	9.352	ppbv		100
35) Carbon Tetrachloride	7.05	117	2031937	9.688	ppbv		100
36) Benzene	6.93	78	1896151	9.719	ppbv		99
37) 1,2-Dichloroethane	6.34	62	1586797	9.749	ppbv		99
38) Trichloroethene	7.88	130	845058	10.276	ppbv		97
39) 1,2-Dichloropropane	7.65	63	781253	9.660	ppbv		99
40) 1,4-Dioxane	7.87	88	148697	4.783	ppbv	#	1
41) Tetrahydrofuran	6.07	42	795971	9.579	ppbv		98
42) Bromodichloromethane	7.83	83	1971973	9.843	ppbv		100
43) Methyl Methacrylate	8.05	69	823895	10.500	ppbv		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020620\

Quantitation Report (Not Reviewed)

Data File : VL034601.D
Acq On : 6 Feb 2020 14:41
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Feb 07 07:34:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.91	57	3417406	9.655	ppbv		99
45) t-1,3-Dichloropropene	9.33	75	1175114	11.437	ppbv		97
46) cis-1,3-Dichloropropene	8.75	75	1280953	10.969	ppbv		98
47) 1,1,2-Trichloroethane	9.53	97	849996	9.704	ppbv		97
48) Dibromochloromethane	10.37	129	1675376	10.437	ppbv		99
49) Bromoform	13.11	173	1519147	10.780	ppbv		100
50) 4-Methyl-2-Pentanone	8.78	43	2257749	9.939	ppbv		99
51) 2-Hexanone	10.18	43	1856894	10.384	ppbv		99
52) Tetrachloroethene	11.28	164	756042	9.647	ppbv		98
53) Toluene	9.86	91	2254006	10.517	ppbv		99
54) 1,2-Dibromoethane	10.67	107	1291757	9.841	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.19	131	1118660	7.970	ppbv		99
57) Chlorobenzene	12.21	112	1798840	7.689	ppbv		96
58) Ethyl Benzene	12.78	91	1306364	3.434	ppbv		96
59) m/p-Xylene	13.06	91	1747088	5.195	ppbv	#	1
60) o-Xylene	13.76	91	2729985	8.083	ppbv		100
61) Styrene	13.59	104	1958923	8.698	ppbv		99
62) Isopropylbenzene	14.74	105	3518520	8.039	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.75	83	1899168	7.270	ppbv		99
64) n-propylbenzene	15.64	120	909434	8.076	ppbv		95
65) tert-Butylbenzene	16.82	119	3180171	8.020	ppbv		100
66) Benzyl Chloride	17.07	91	1566568	9.422	ppbv		100
67) sec-Butylbenzene	17.37	105	4282161	7.858	ppbv		99
69) p-Isopropyltoluene	17.73	119	3575929	8.081	ppbv		99
70) n-Butylbenzene	18.63	91	3750597	7.985	ppbv		99
71) 2-Chlorotoluene	15.53	91	2708764	8.153	ppbv		99
72) 4-Ethyltoluene	15.91	105	3056233	8.238	ppbv		100
73) 1,3,5-Trimethylbenzene	16.07	105	2956748	8.156	ppbv		100
74) 1,2,4-Trimethylbenzene	16.84	105	3129065	7.797	ppbv		98
75) 1,3-Dichlorobenzene	17.08	146	1736386	7.514	ppbv		99
76) 1,4-Dichlorobenzene	17.22	146	1705202	7.487	ppbv		99
77) 1,2-Dichlorobenzene	17.90	146	1646132	7.415	ppbv		99
78) Hexachloro-1,3-Butadiene	23.46	225	1480606	6.975	ppbv		99
79) Naphthalene	22.30	128	2610666	8.263	ppbv		98
80) Naphthalene,2-methyl-	25.04	142	1355254	11.150	ppbv		100
81) 1,2,4-Trichlorobenzene	22.03	180	1567314	8.046	ppbv		99

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

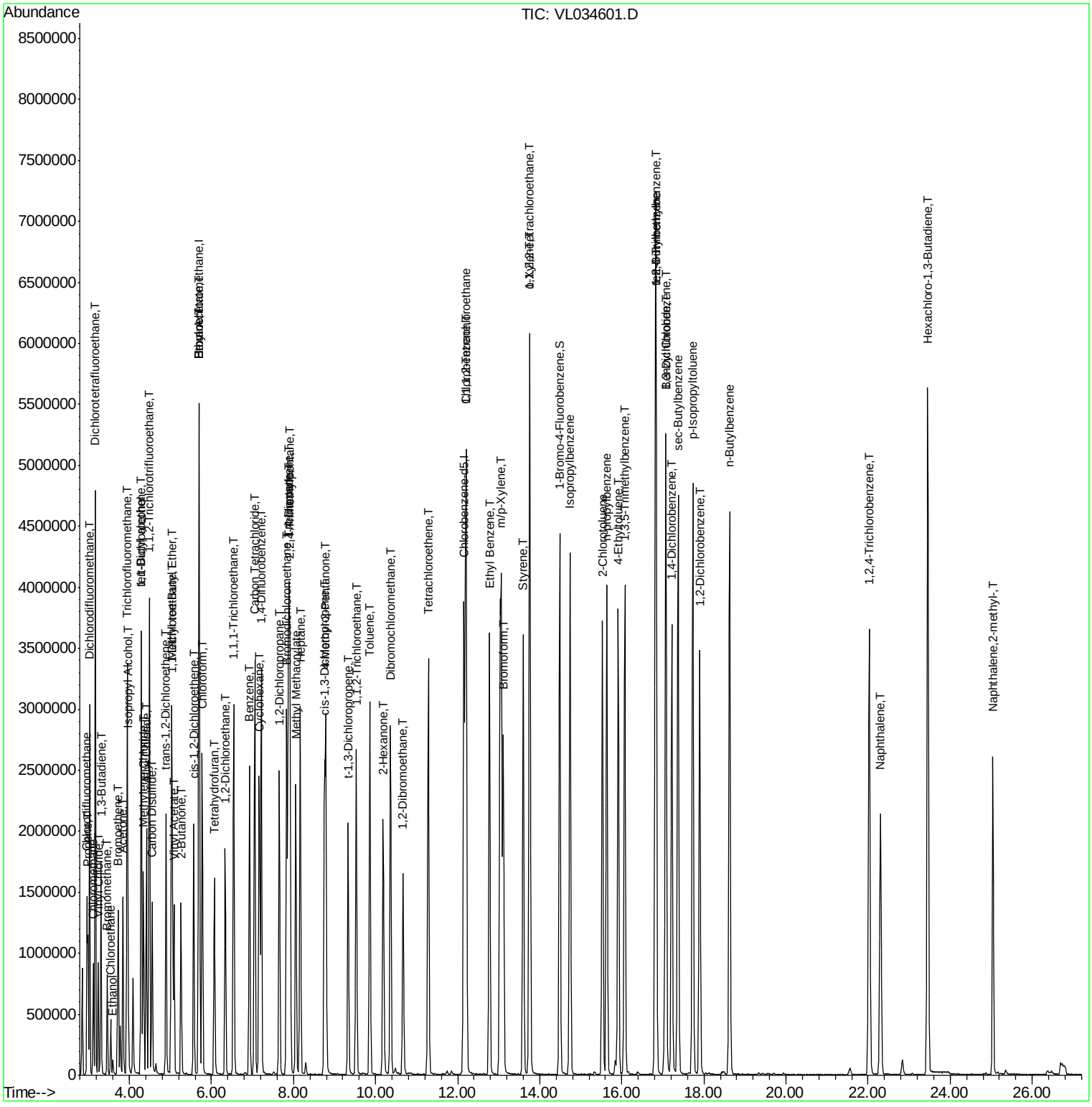
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020620\

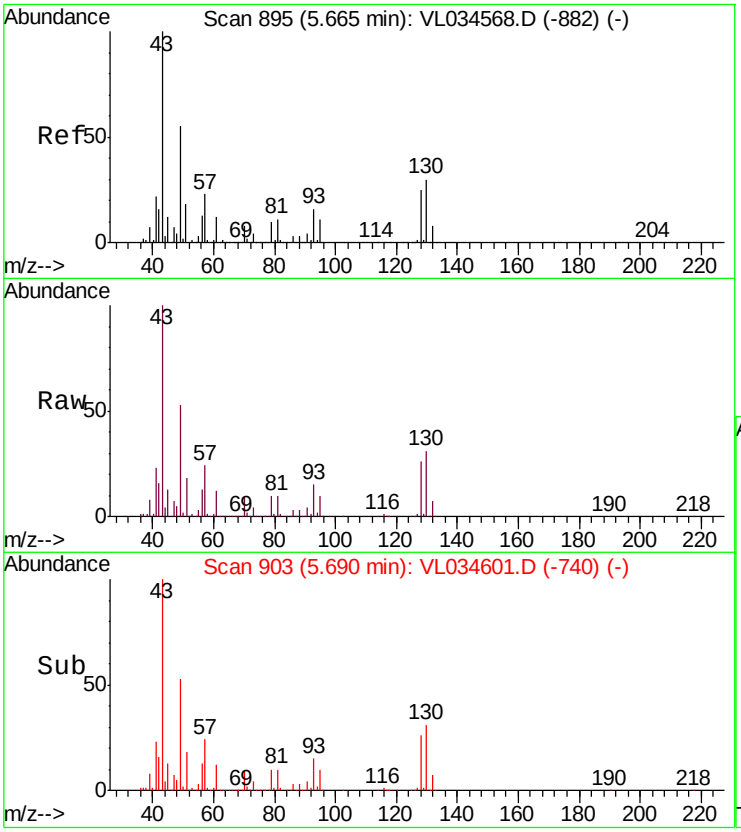
Quantitation Report (Not Reviewed)

Data File : VL034601.D
Acq On : 6 Feb 2020 14:41
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Feb 07 07:34:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration



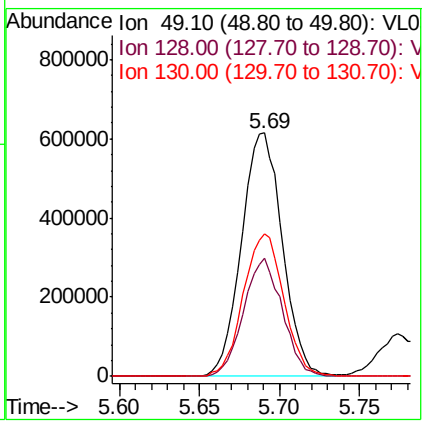


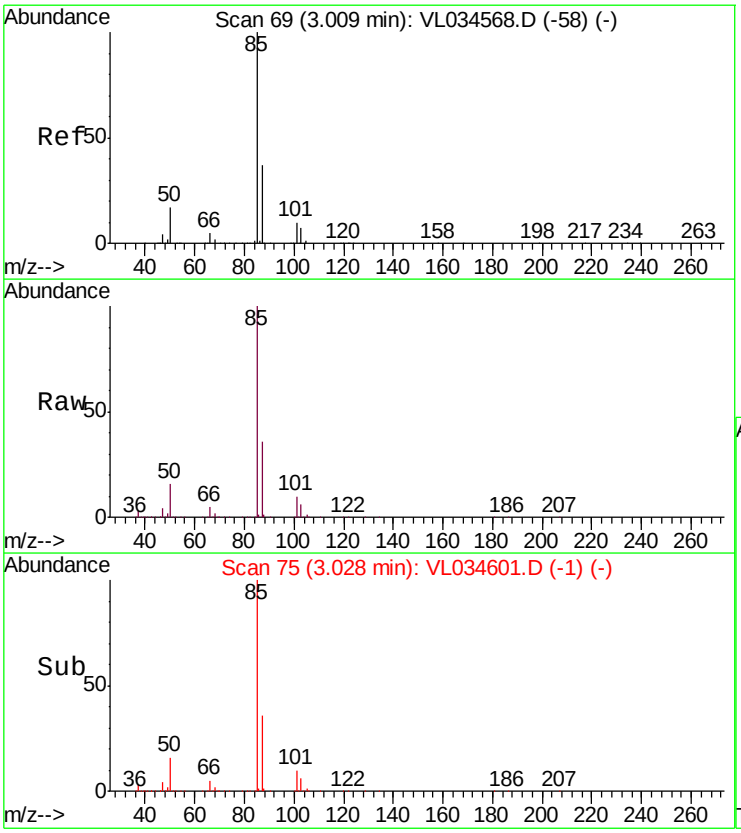
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1072439

Ion	Ratio	Lower	Upper
49	100		
128	46.2	22.7	68.1
130	58.3	28.6	85.8

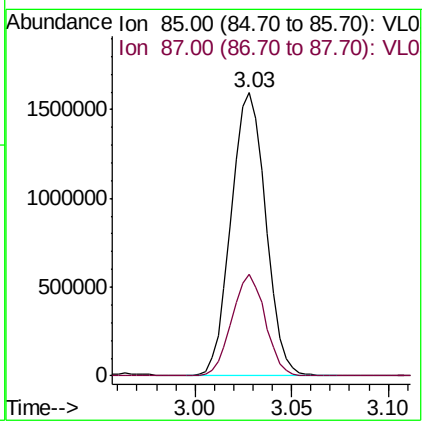


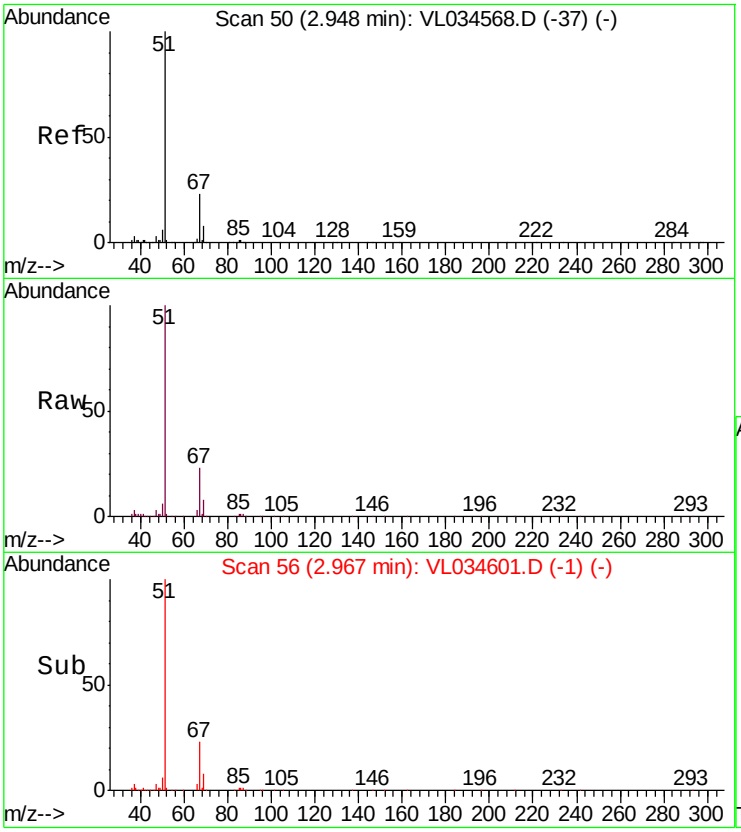


#2
Dichlorodifluoromethane
Concen: 8.424 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 85 Resp: 1989773

Ion	Ratio	Lower	Upper
85	100		
87	35.9	29.5	44.3



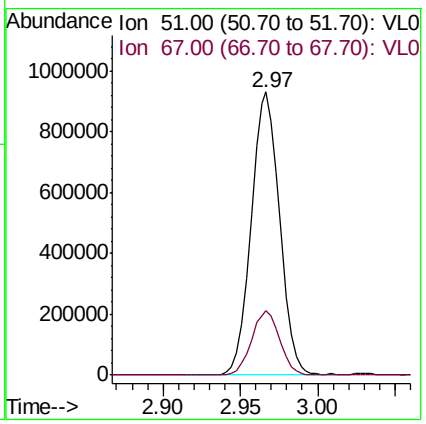


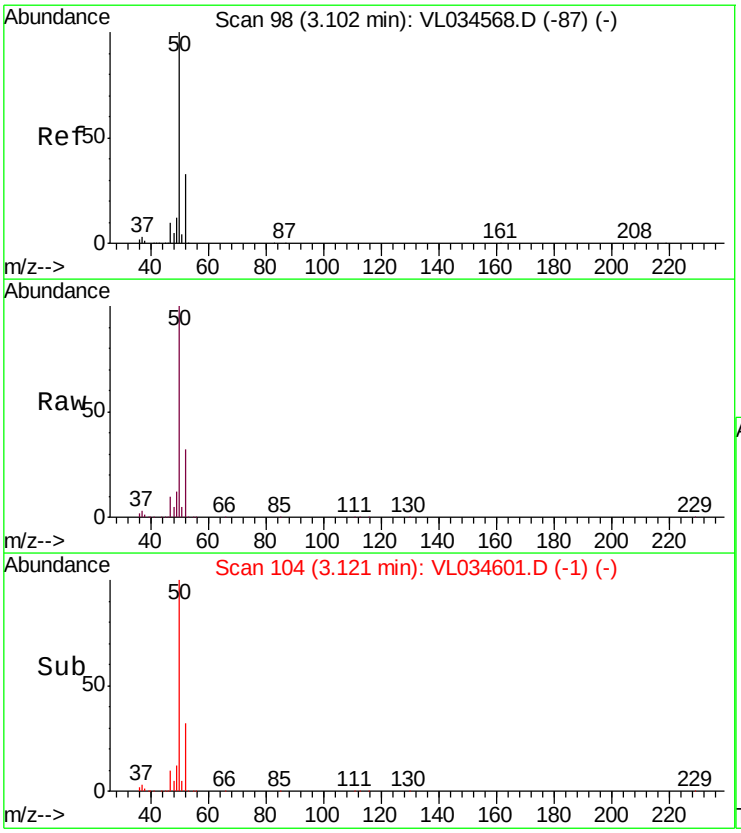
#3
Chlorodifluoromethane
Concen: 9.211 ppbv
RT: 2.97 min Scan# 56
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 51 Resp: 1193673

Ion	Ratio	Lower	Upper
51	100		
67	22.7	17.8	26.8

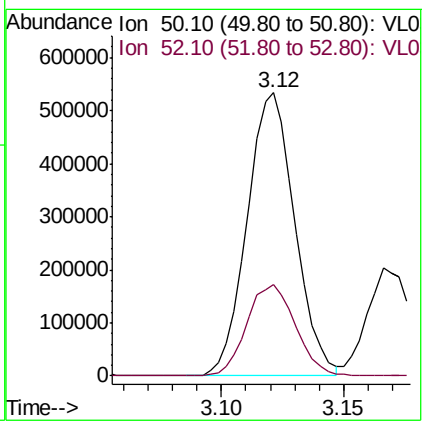


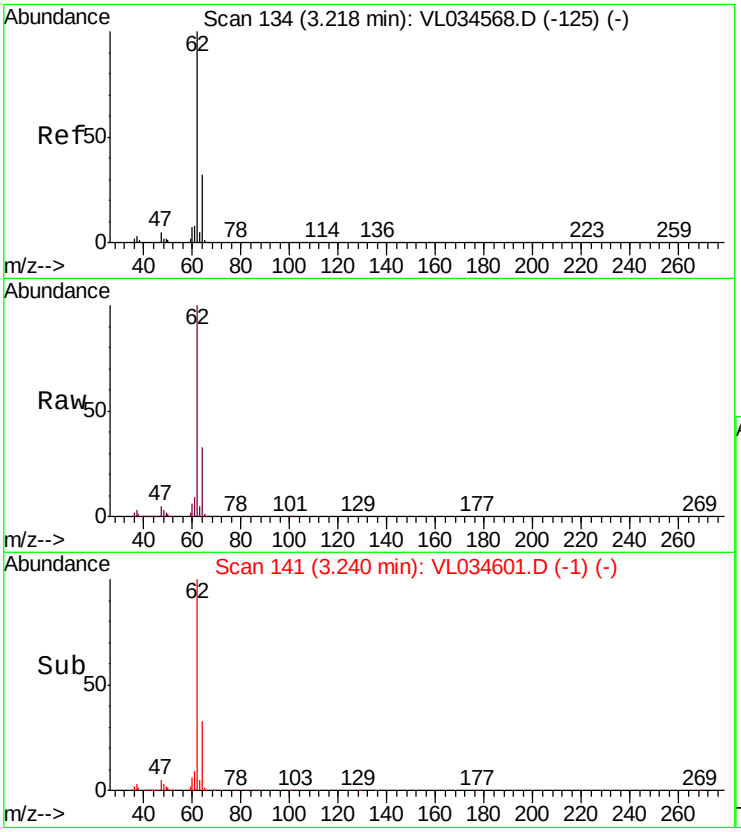


#4
Chloromethane
Concen: 9.092 ppbv
RT: 3.12 min Scan# 104
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 50 Resp: 720848

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.6	39.8



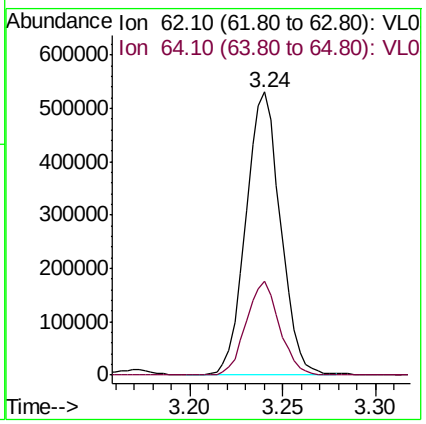


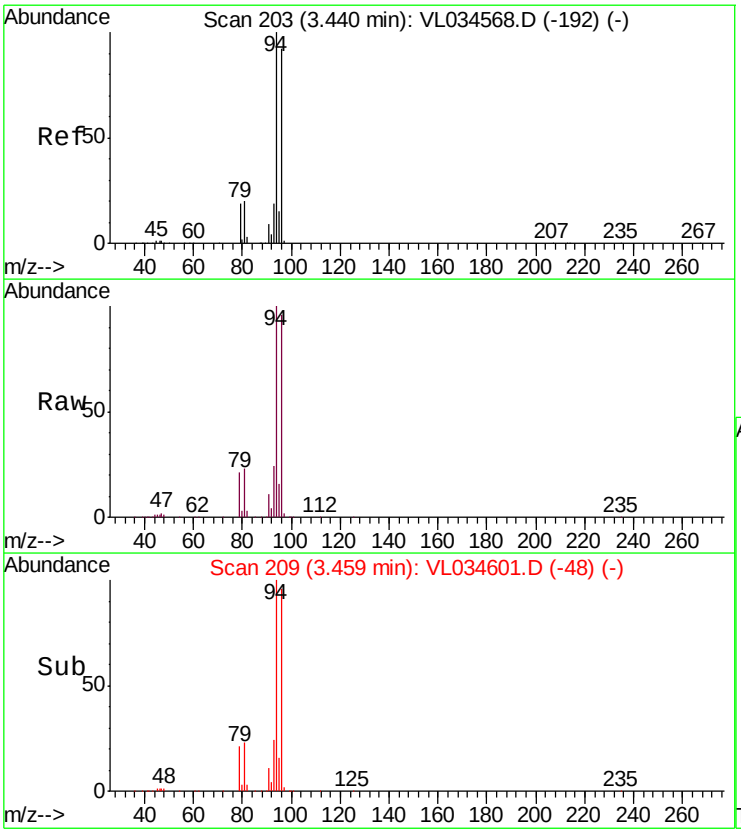
#5
Vinyl Chloride
Concen: 9.084 ppbv
RT: 3.24 min Scan# 141
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 687990

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.8	38.6

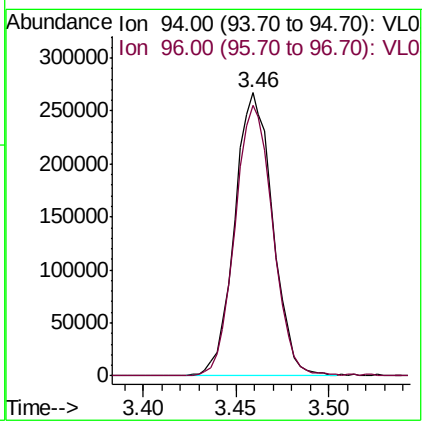


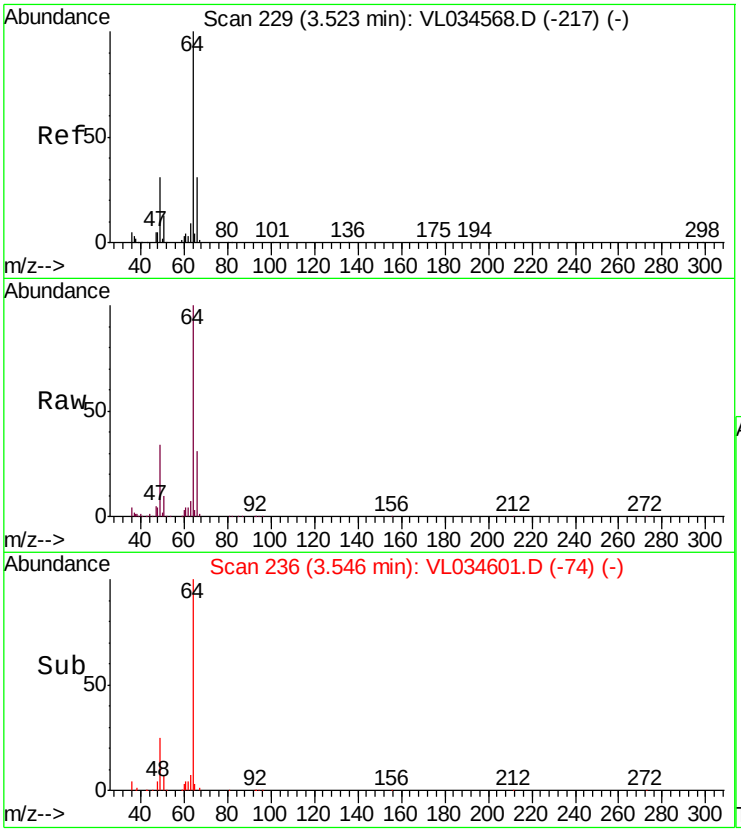


#6
Bromomethane
Concen: 9.637 ppbv
RT: 3.46 min Scan# 209
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 94 Resp: 379618

Ion	Ratio	Lower	Upper
94	100		
96	95.6	73.8	110.8



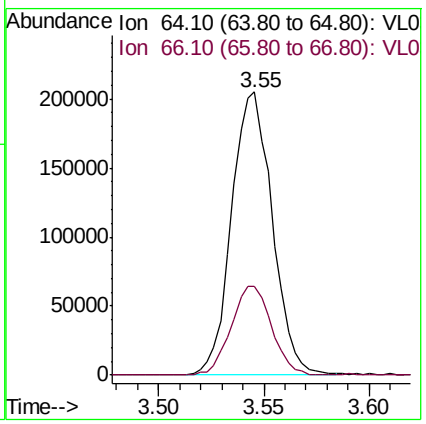


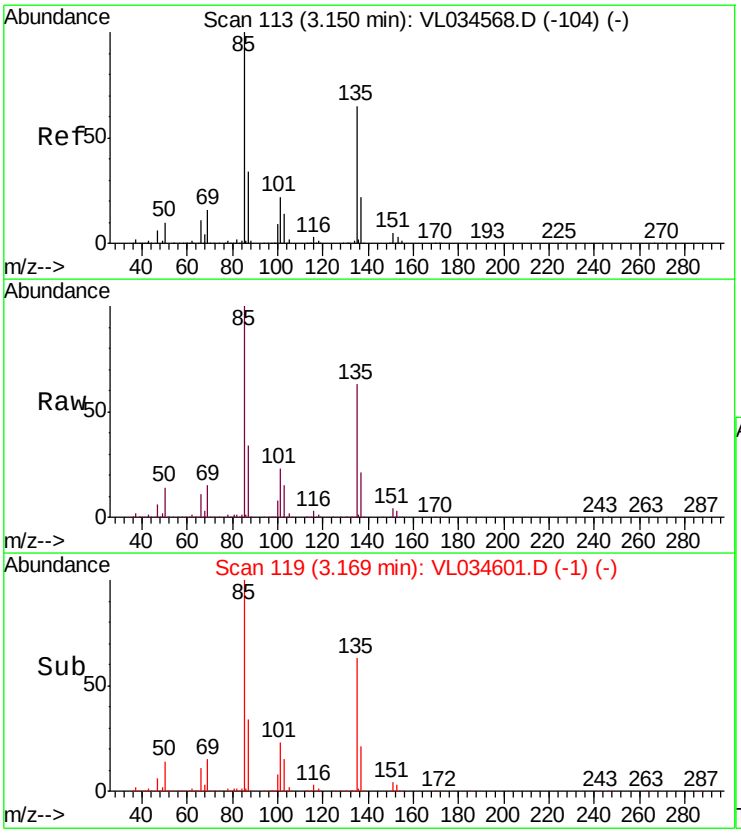
#7
Chloroethane
Concen: 9.762 ppbv
RT: 3.55 min Scan# 236
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 274941

Ion	Ratio	Lower	Upper
64	100		
66	31.2	25.0	37.4

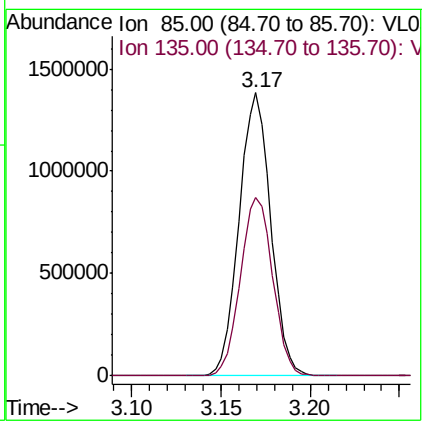


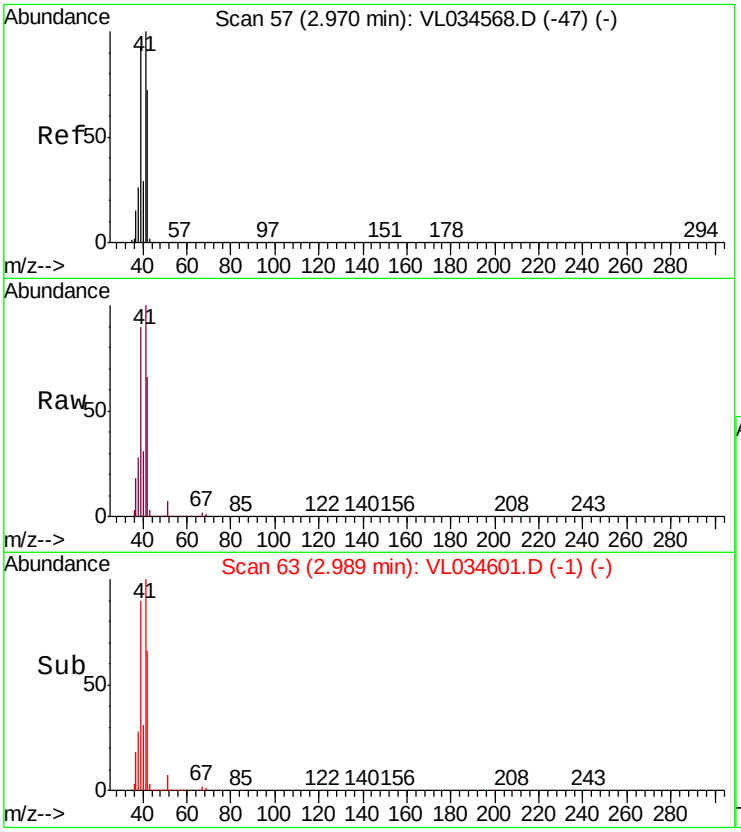


#8
Dichlorotetrafluoroethane
Concen: 9.306 ppbv
RT: 3.17 min Scan# 119
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 85 Resp: 1718163

Ion	Ratio	Lower	Upper
85	100		
135	64.7	52.2	78.2



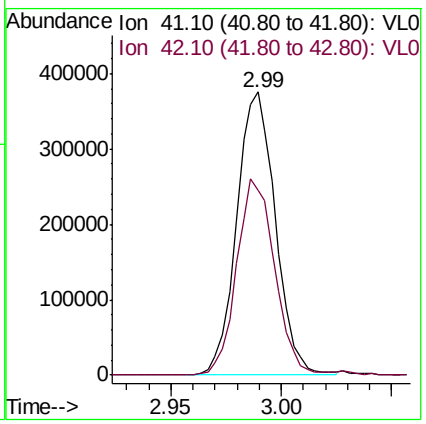


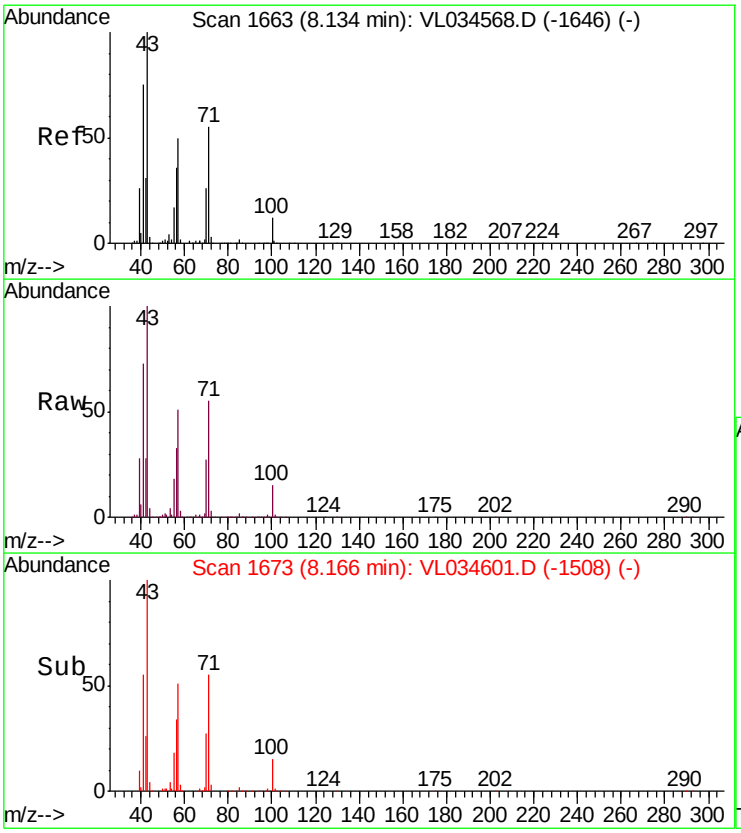
#9
Propene
Concen: 9.088 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 458520

Ion	Ratio	Lower	Upper
41	100		
42	69.1	57.0	85.4

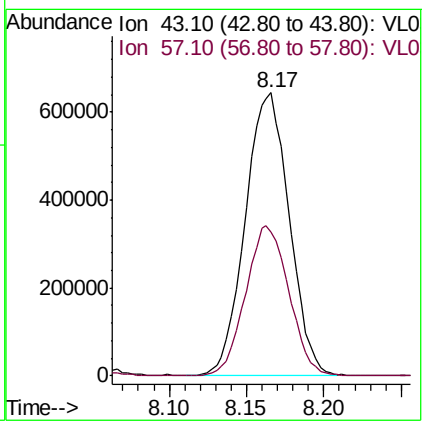


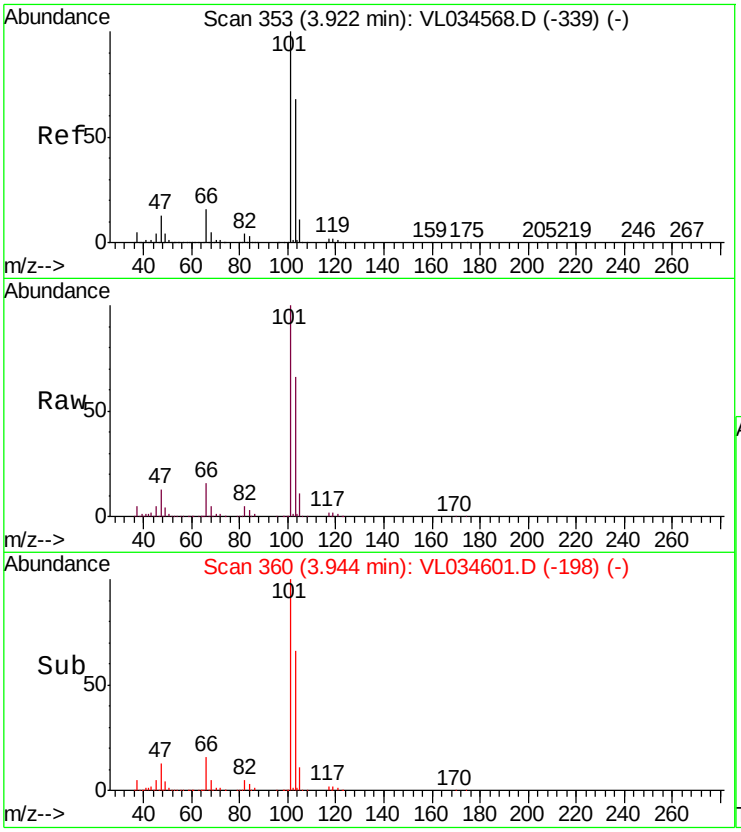


#10
Heptane
Concen: 9.996 ppbv
RT: 8.17 min Scan# 1673
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 43 Resp: 1269190

Ion	Ratio	Lower	Upper
43	100		
57	52.4	41.2	61.8



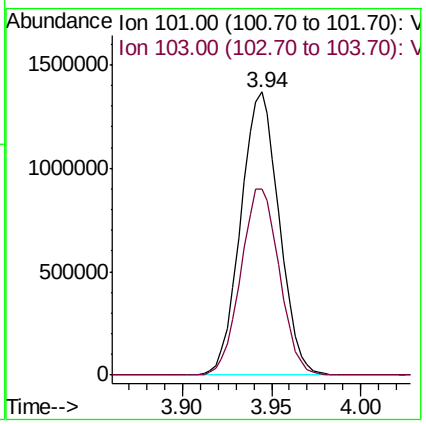


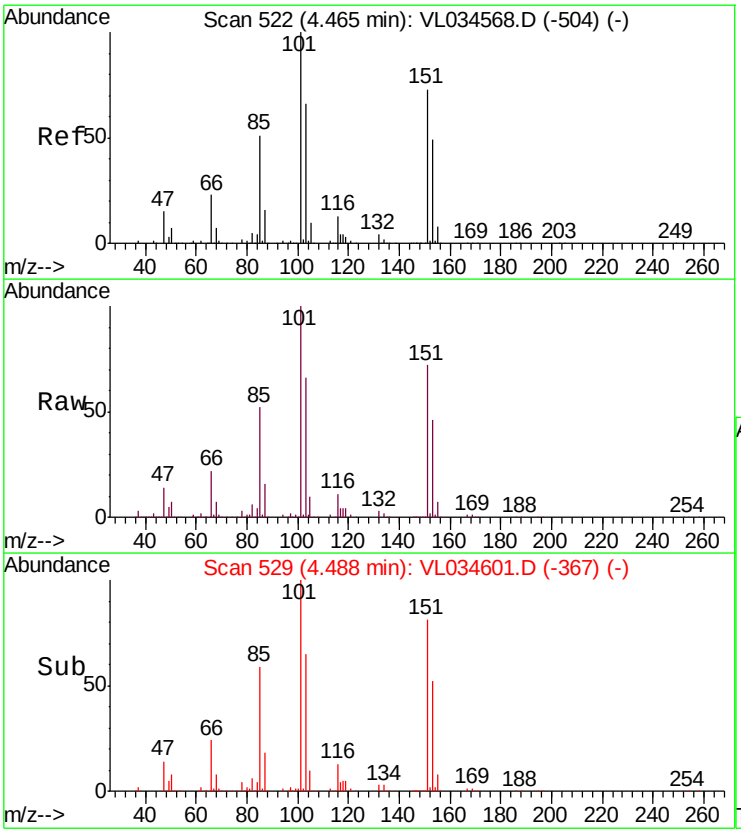
#11
Trichlorofluoromethane
Concen: 9.588 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 2057350

Ion	Ratio	Lower	Upper
101	100		
103	65.6	54.4	81.6

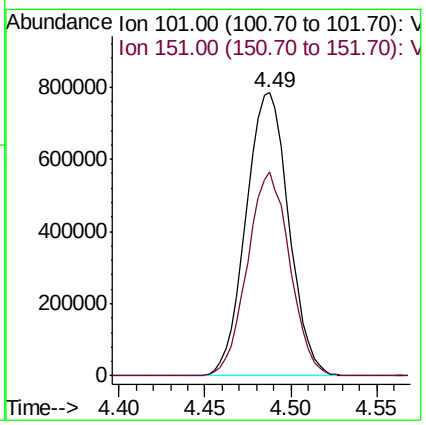


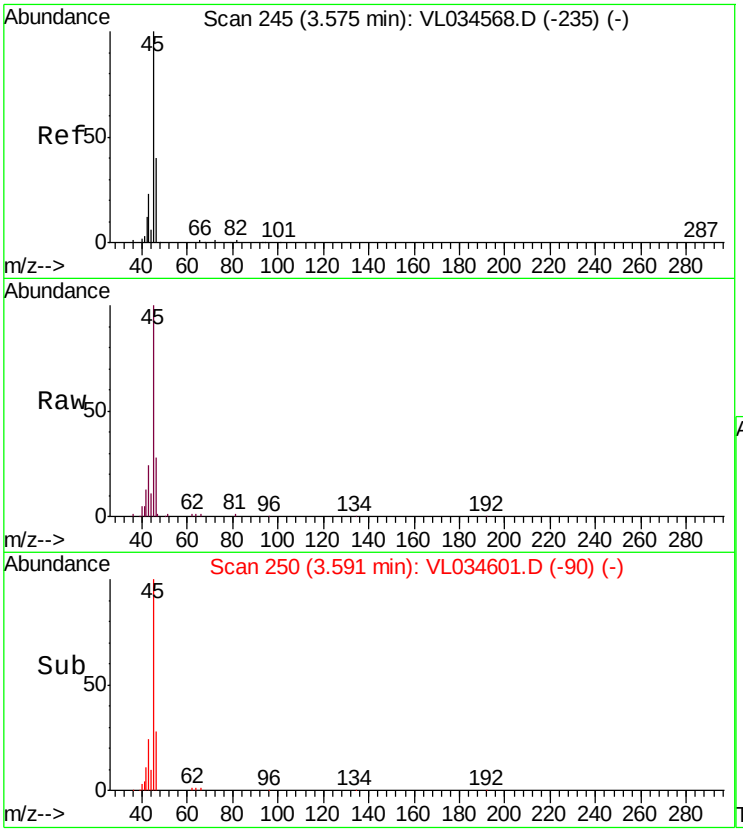


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.673 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion:101 Resp: 1354190

Ion	Ratio	Lower	Upper
101	100		
151	71.6	57.0	85.6



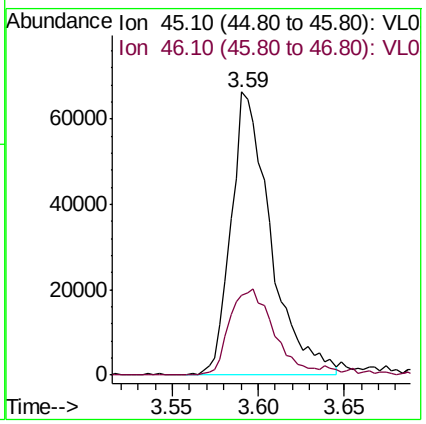


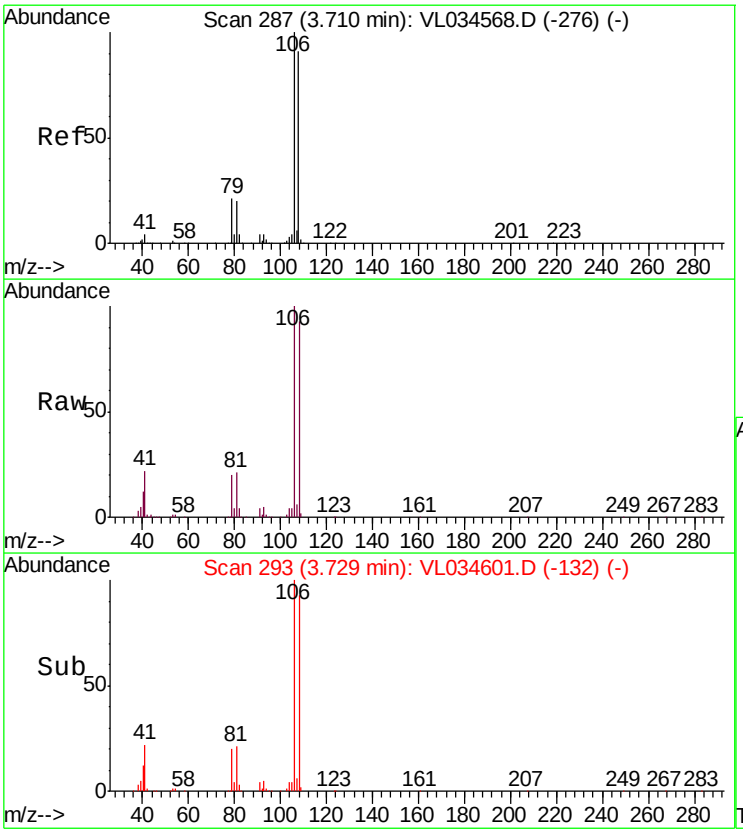
#13
Ethanol
Concen: 7.886 ppbv
RT: 3.59 min Scan# 250
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 106573

Ion	Ratio	Lower	Upper
45	100		
46	35.3	14.8	59.2

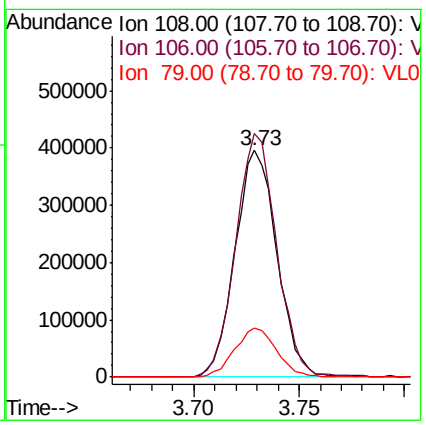


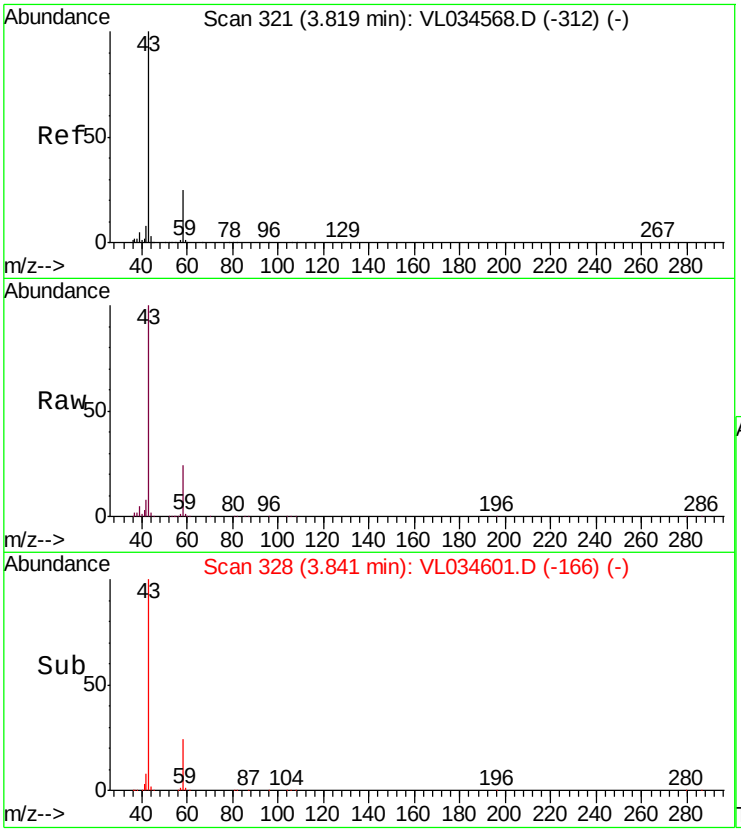


#14
Bromoethene
Concen: 9.957 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion:108 Resp: 546816

Ion	Ratio	Lower	Upper
108	100		
106	105.5	84.6	127.0
79	22.2	18.2	27.2



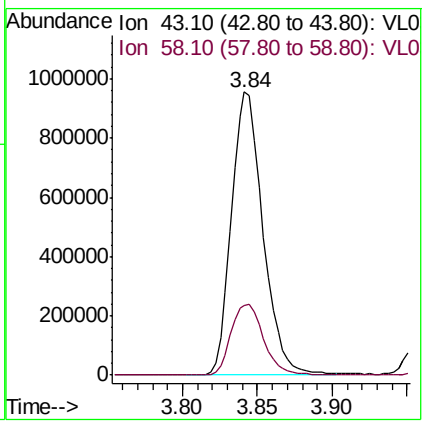


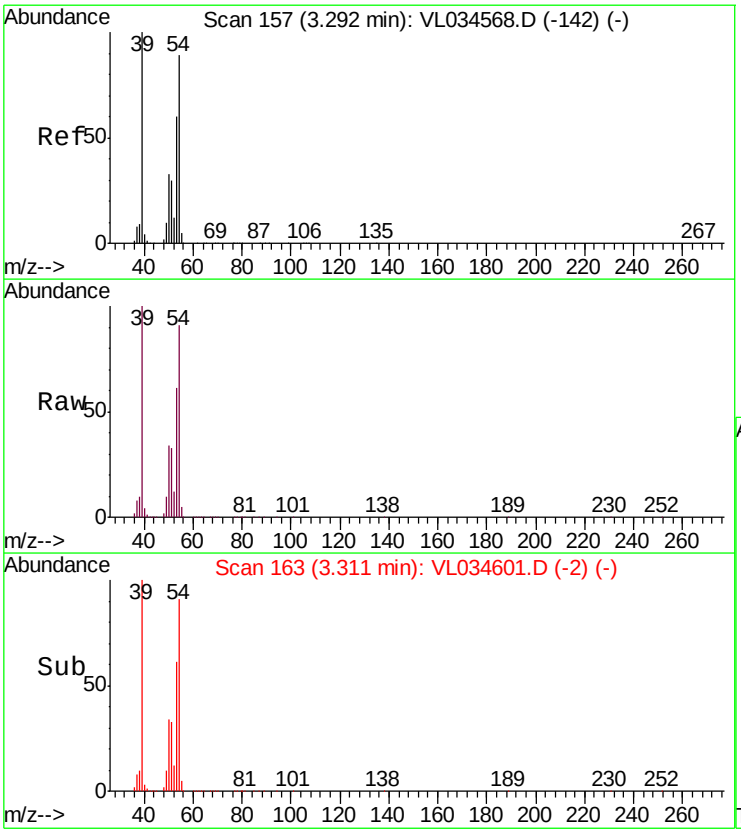
#15
Acetone
Concen: 8.917 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1405457

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.3	30.5

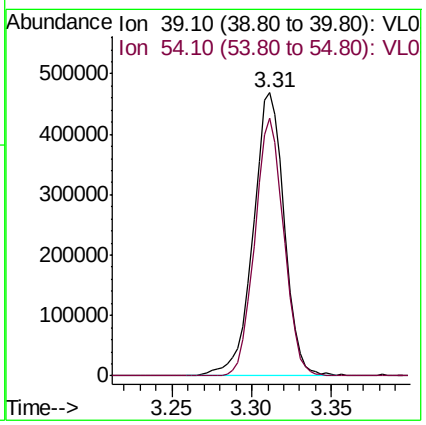


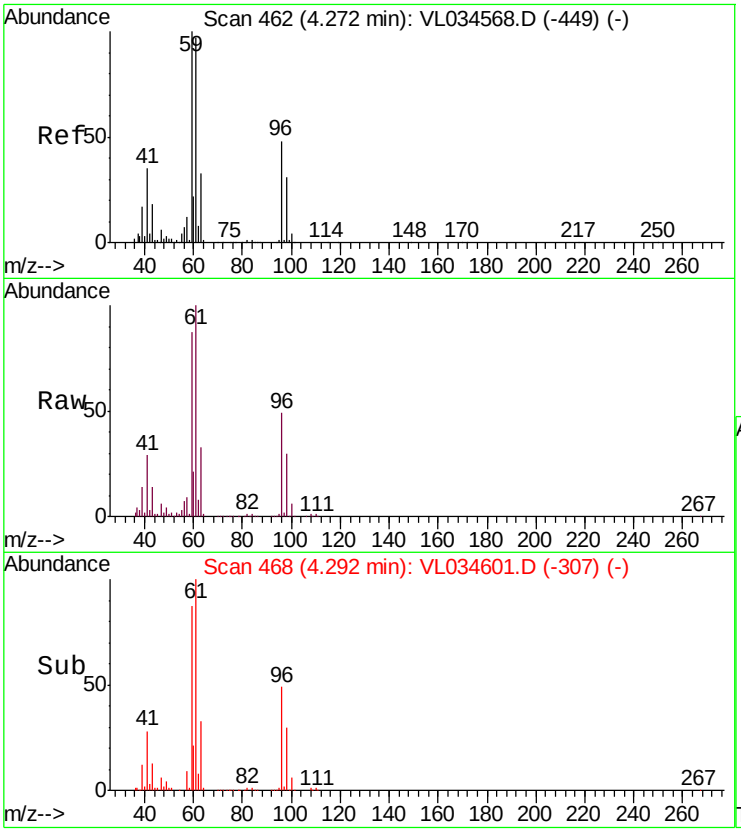


#16
1,3-Butadiene
Concen: 9.961 ppbv
RT: 3.31 min Scan# 163
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 39 Resp: 623453

Ion	Ratio	Lower	Upper
39	100		
54	85.3	66.7	100.1



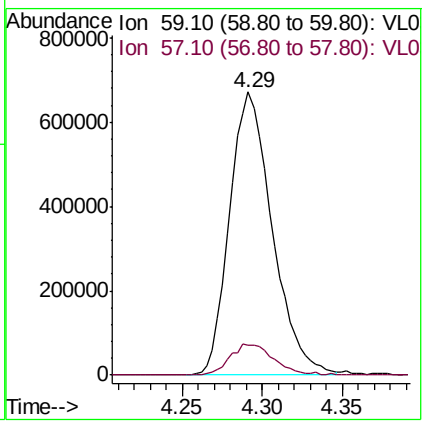


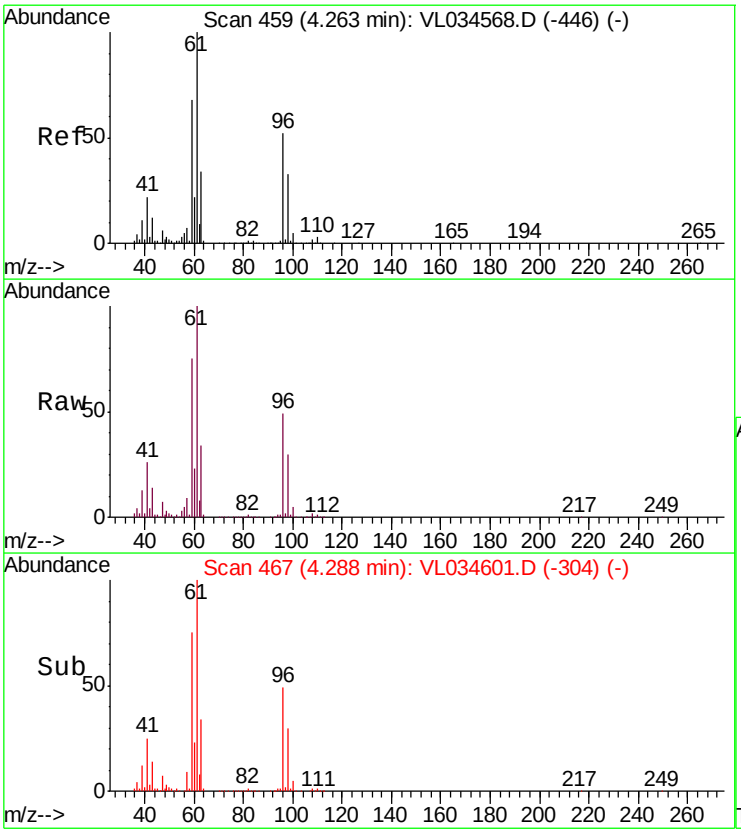
#17
tert-Butyl alcohol
Concen: 10.554 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1223388

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.7	13.1

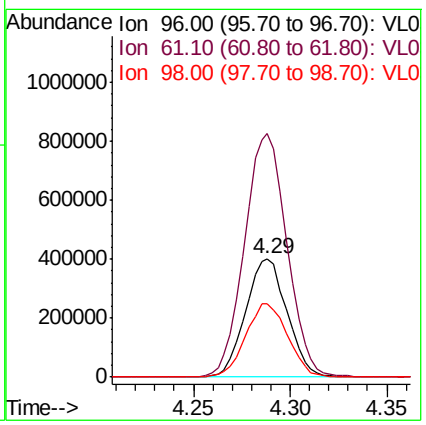


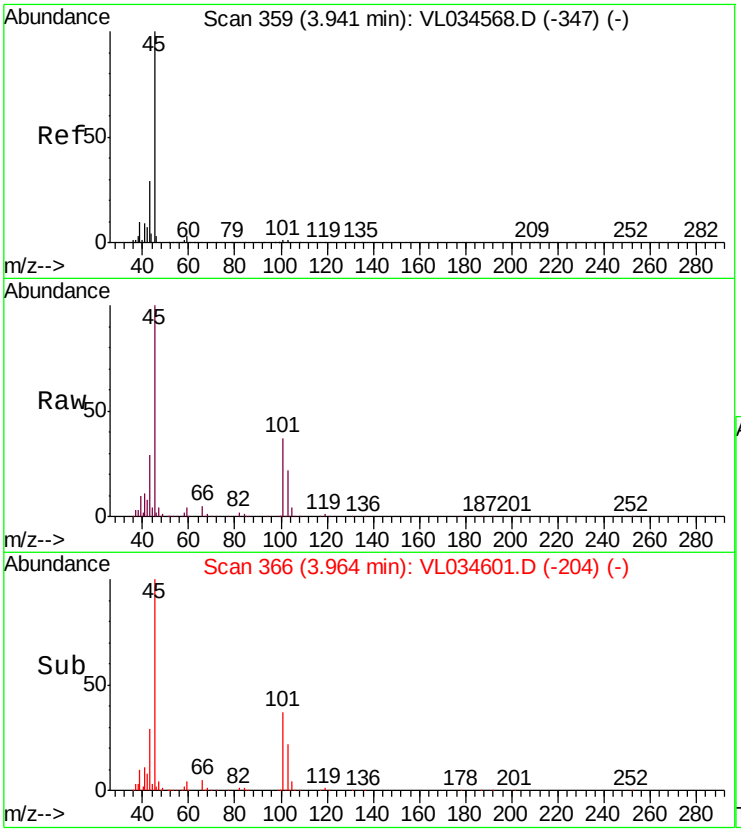


#18
1,1-Dichloroethene
Concen: 10.103 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 96 Resp: 597092

Ion	Ratio	Lower	Upper
96	100		
61	205.8	154.5	231.7
98	62.0	50.3	75.5



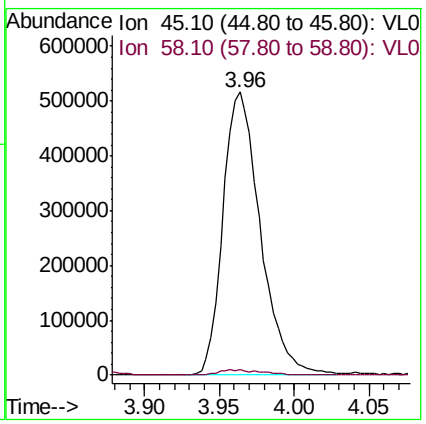


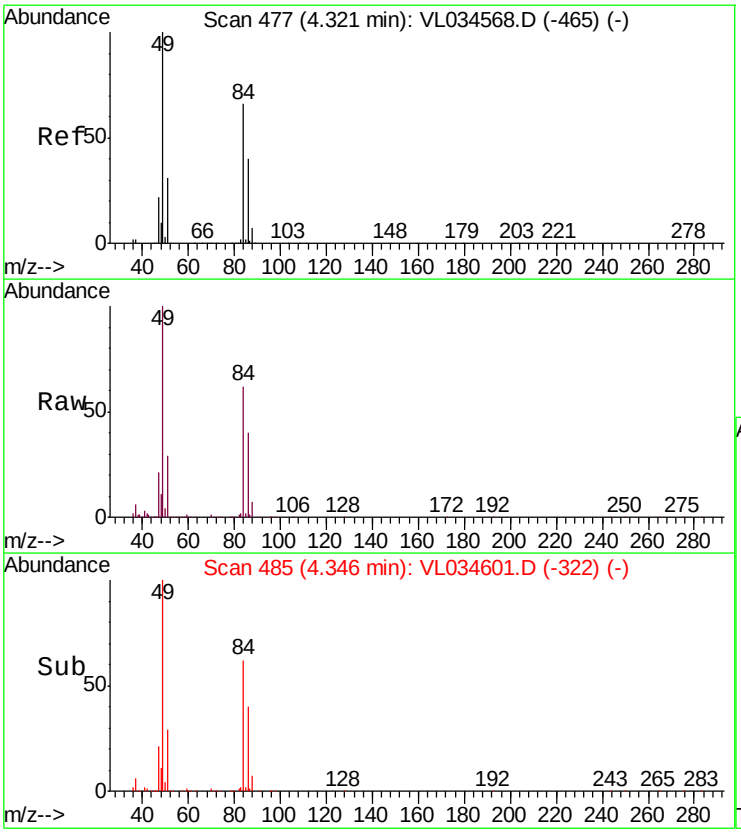
#19
Isopropyl Alcohol
Concen: 9.777 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 899311

Ion	Ratio	Lower	Upper
45	100		
58	2.5	1.7	2.5#

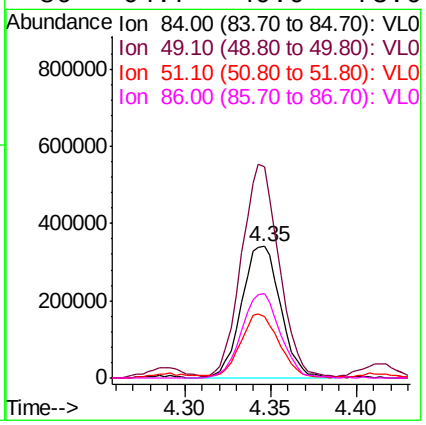


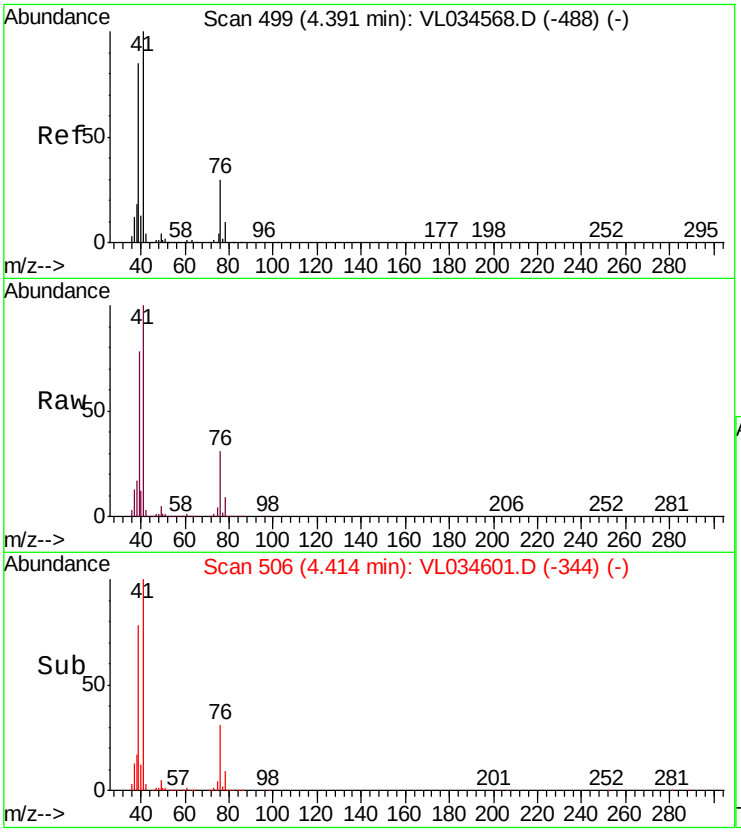


#20
Methylene Chloride
Concen: 8.868 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 84 Resp: 532221

Ion	Ratio	Lower	Upper
84	100		
49	159.7	122.4	183.6
51	46.0	38.6	57.8
86	64.7	49.0	73.6



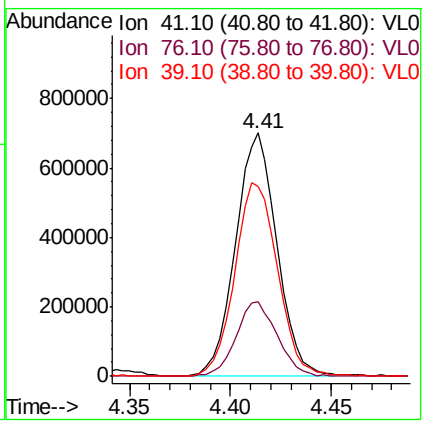


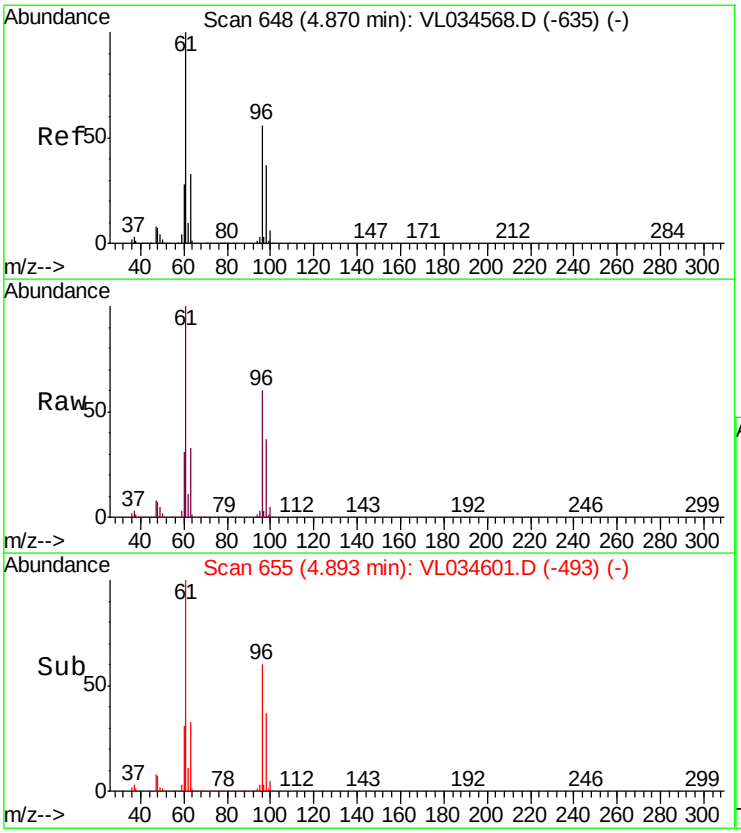
#21
Allyl Chloride
Concen: 10.216 ppbv
RT: 4.41 min Scan# 506
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 1000059

Ion	Ratio	Lower	Upper
41	100		
76	30.8	24.2	36.2
39	82.7	68.3	102.5

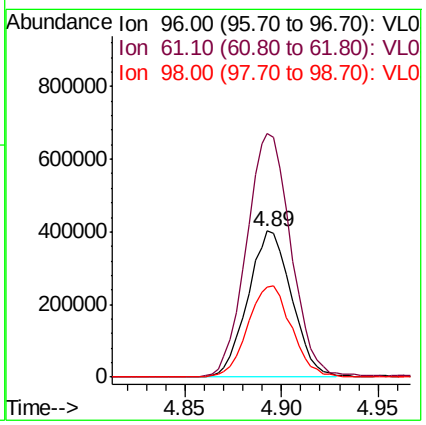


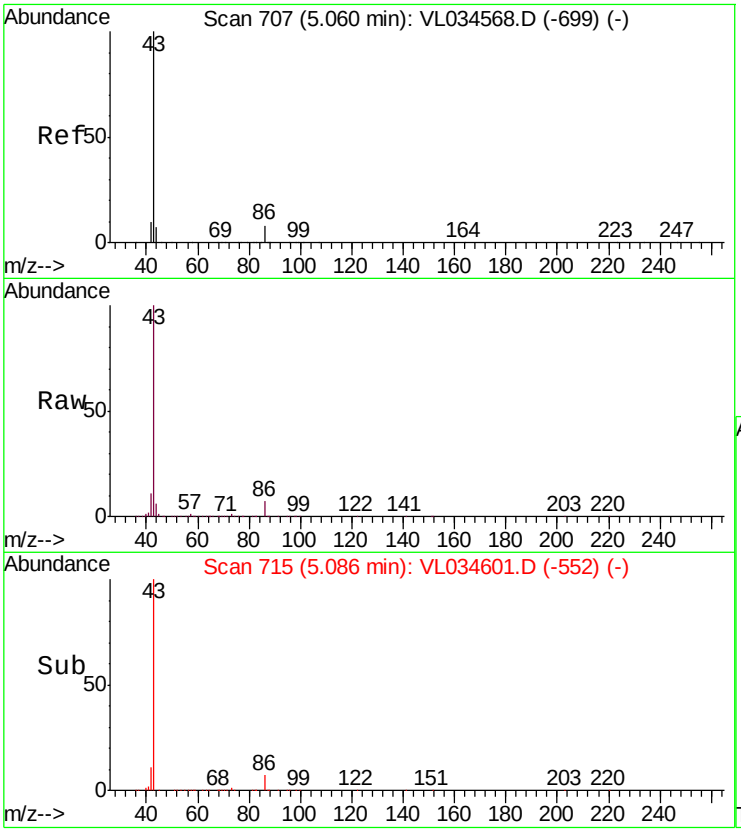


#22
trans-1,2-Dichloroethene
Concen: 10.201 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 96 Resp: 631383

Ion	Ratio	Lower	Upper
96	100		
61	166.8	141.9	212.9
98	61.8	53.1	79.7



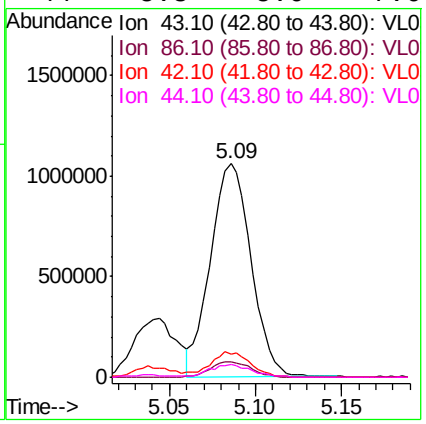


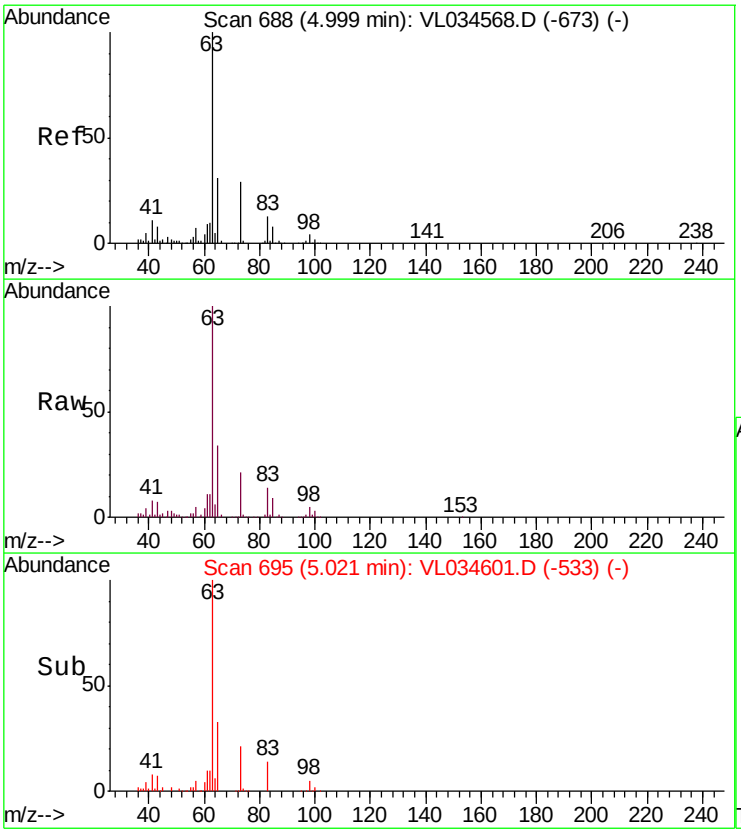
#23
Vinyl Acetate
Concen: 9.697 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1743789

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.9	8.9
42	10.9	8.8	13.2
44	5.8	5.0	7.6

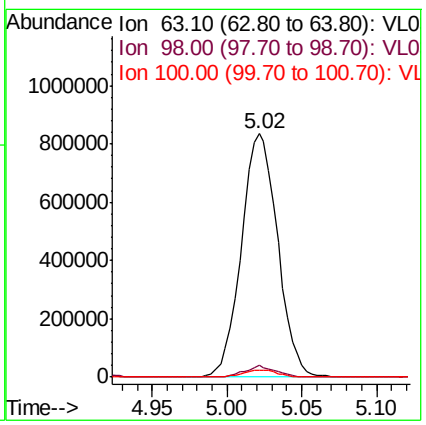


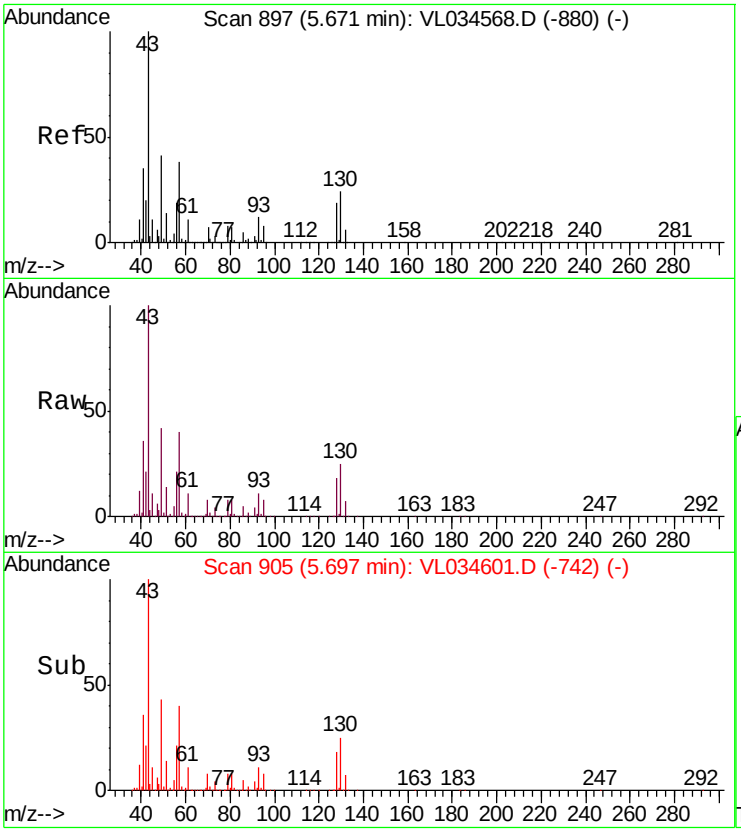


#24
1,1-Dichloroethane
Concen: 9.373 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 63 Resp: 1407177

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.1	6.2
100	2.8	1.1	3.5



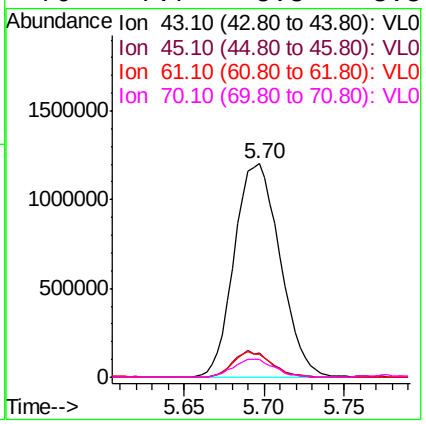


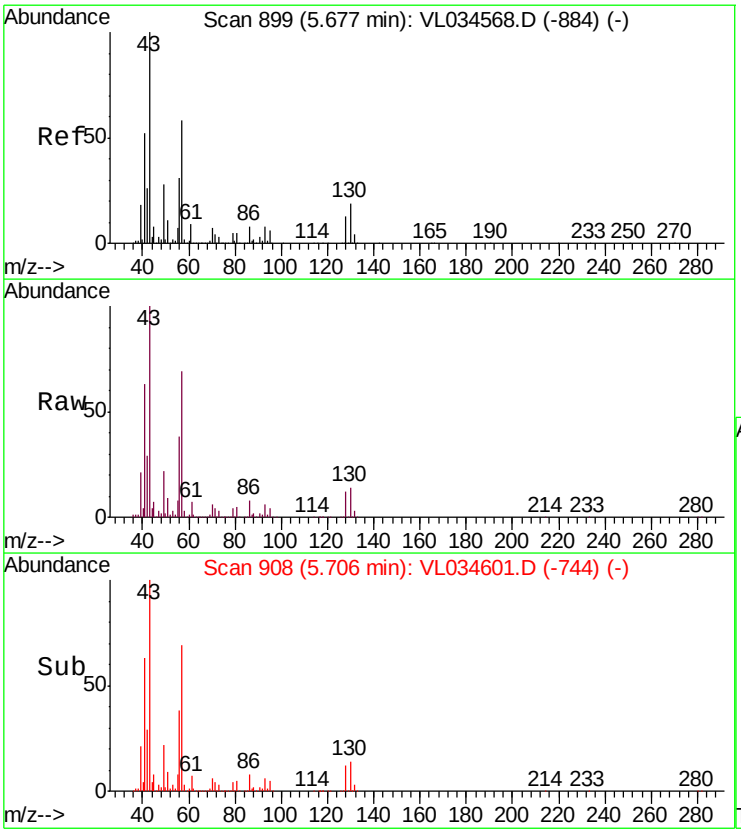
#25
Ethyl Acetate
Concen: 9.207 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2349322

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.2	7.8	11.6
70	7.7	5.8	8.8

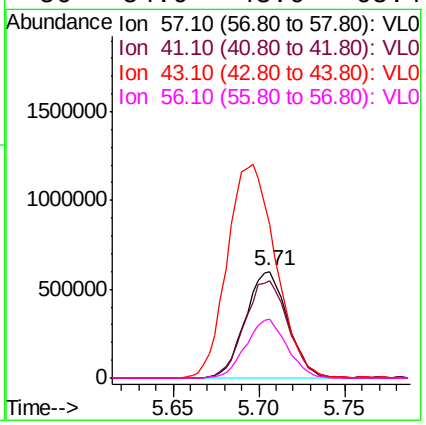


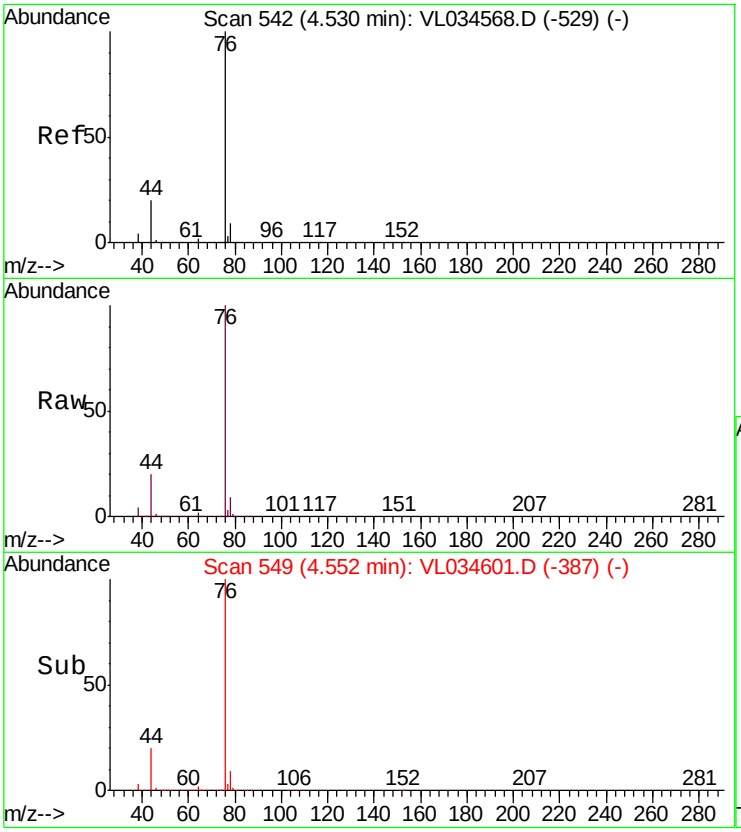


#26
Hexane
Concen: 9.507 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 57 Resp: 1016147

Ion	Ratio	Lower	Upper
57	100		
41	95.2	76.2	114.2
43	232.4	189.9	284.9
56	54.0	43.6	65.4



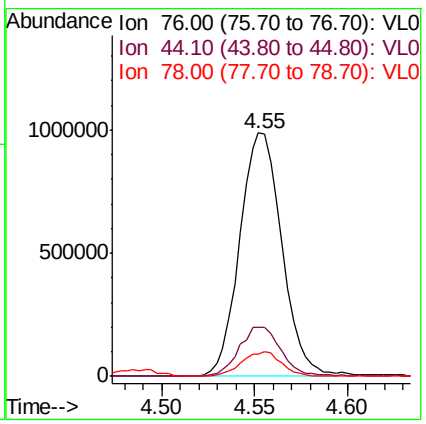


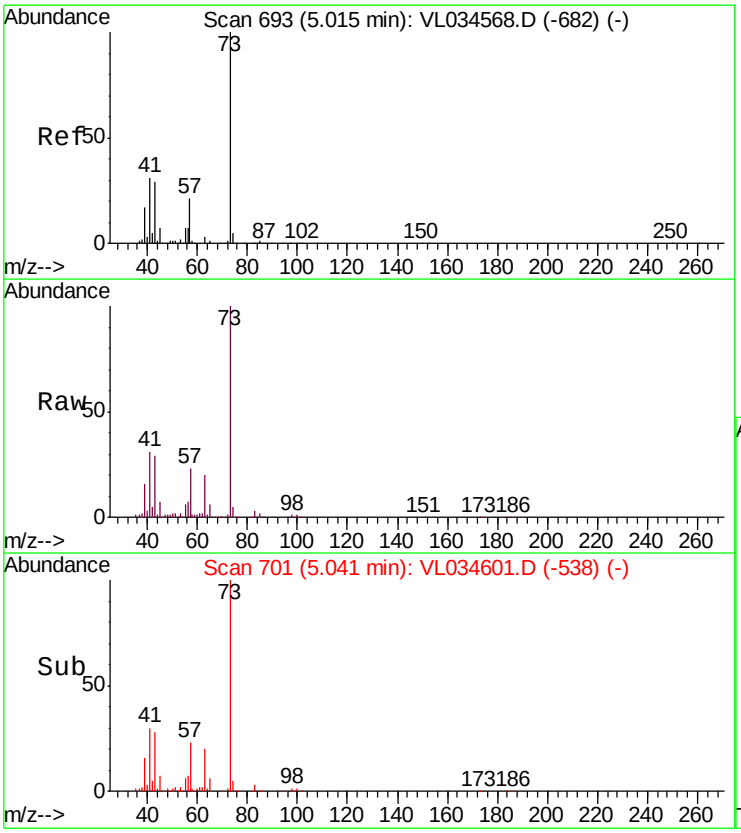
#27
Carbon Disulfide
Concen: 10.822 ppbv
RT: 4.55 min Scan# 549
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1560678

Ion	Ratio	Lower	Upper
76	100		
44	20.5	16.3	24.5
78	9.8	7.4	11.2

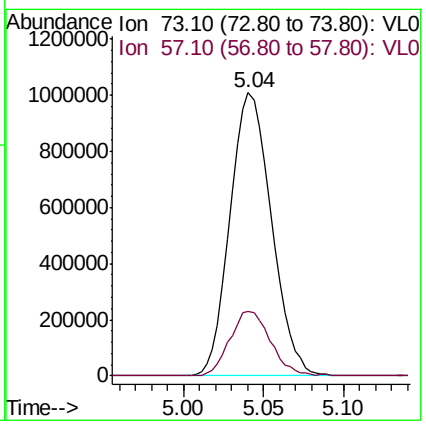


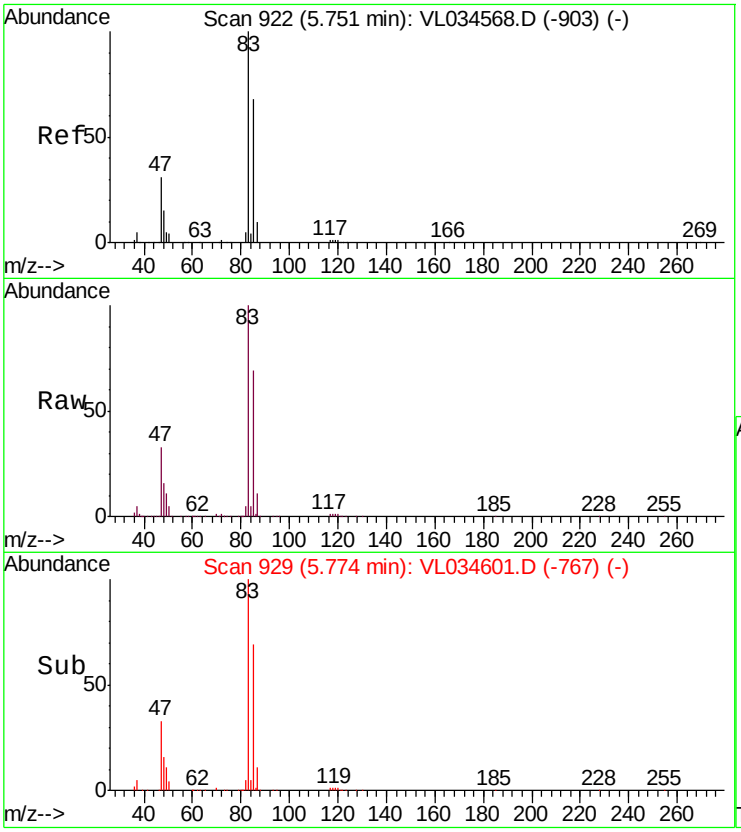


#28
Methyl tert-Butyl Ether
Concen: 9.779 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 73 Resp: 1782414

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.9	26.9



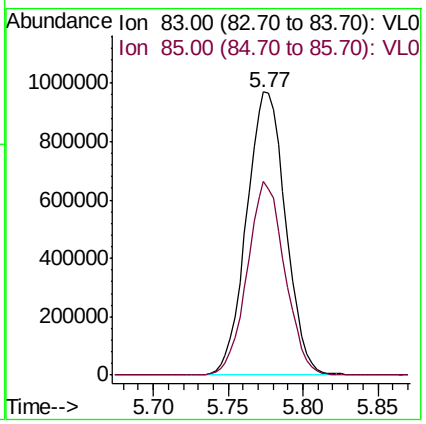


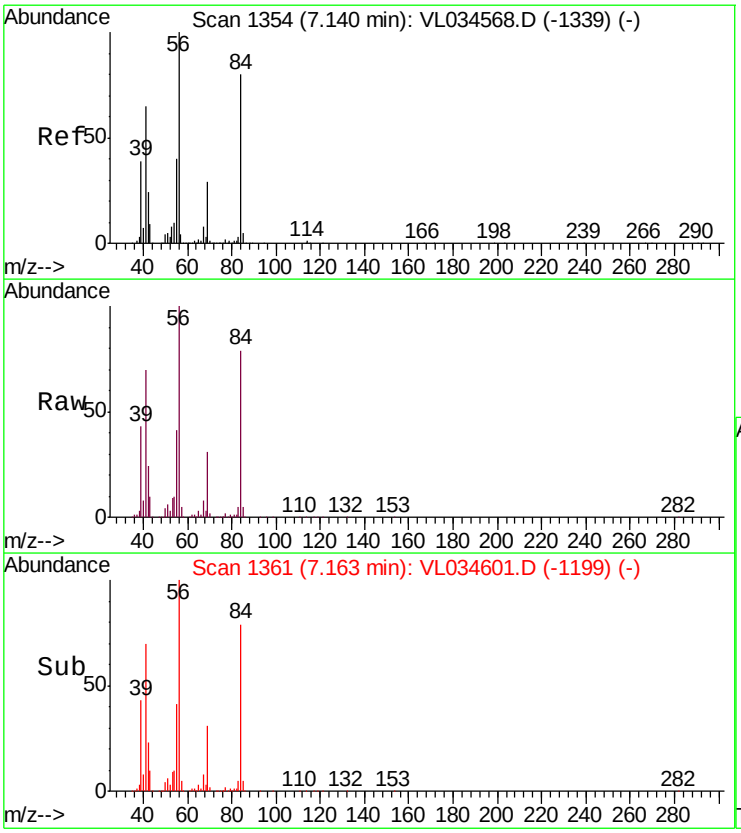
#29
Chloroform
Concen: 9.315 ppbv
RT: 5.77 min Scan# 929
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1760351

Ion	Ratio	Lower	Upper
83	100		
85	68.5	54.0	81.0

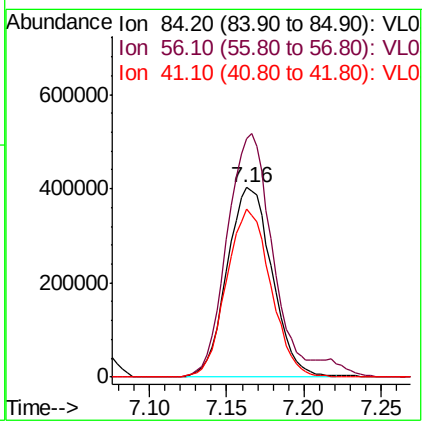


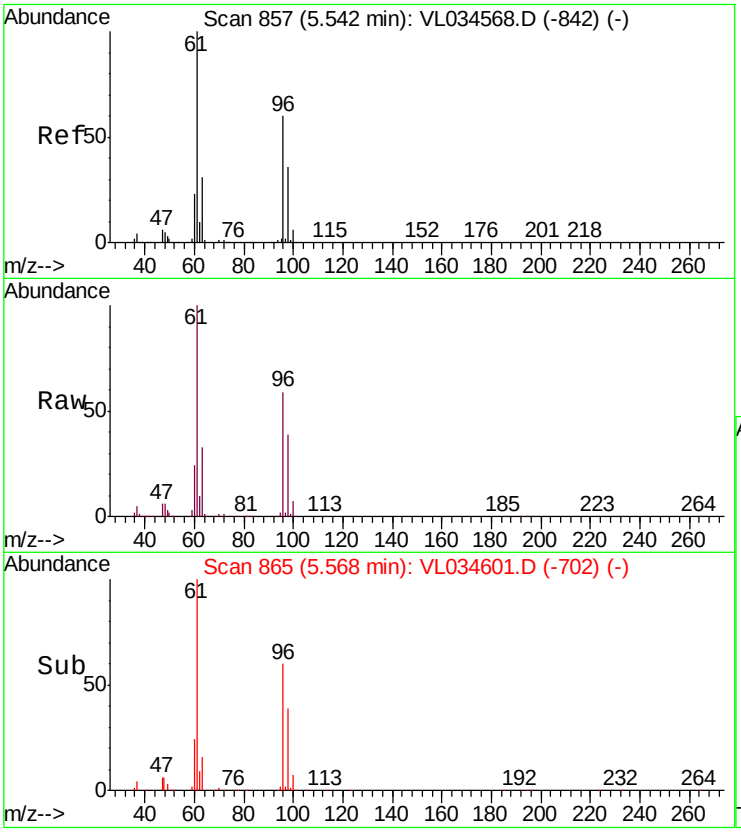


#30
Cyclohexane
Concen: 10.286 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 84 Resp: 814651

Ion	Ratio	Lower	Upper
84	100		
56	134.2	110.5	165.7
41	87.2	71.9	107.9



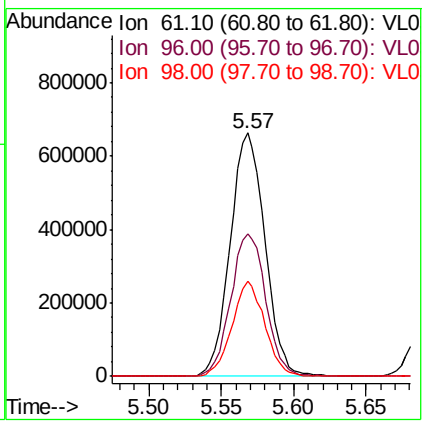


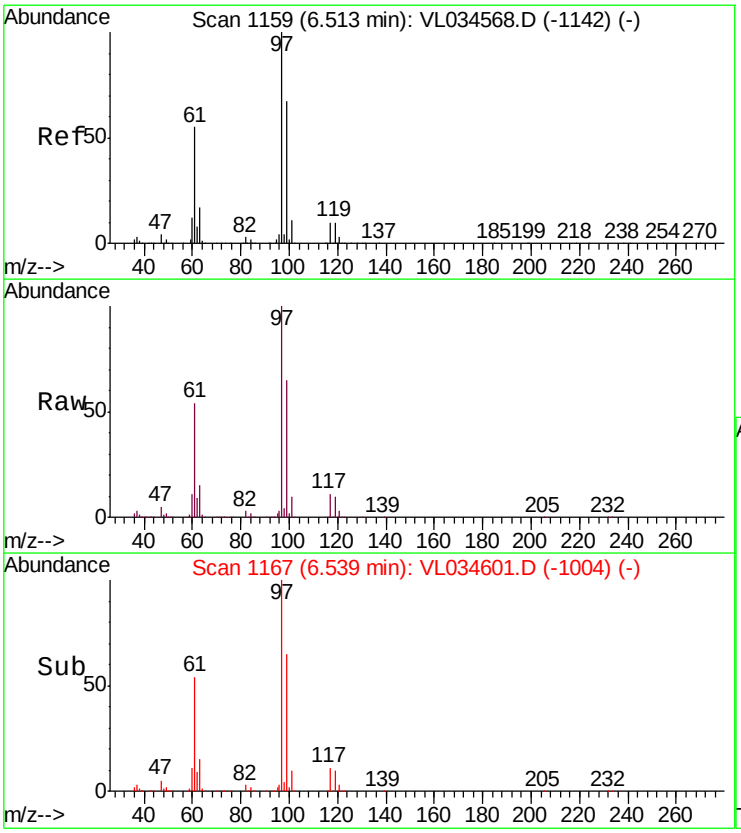
#31
cis-1,2-Dichloroethene
Concen: 9.904 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1099835

Ion	Ratio	Lower	Upper
61	100		
96	58.7	48.0	72.0
98	39.3	28.6	43.0

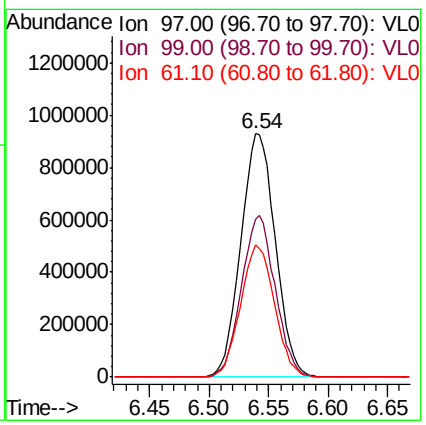


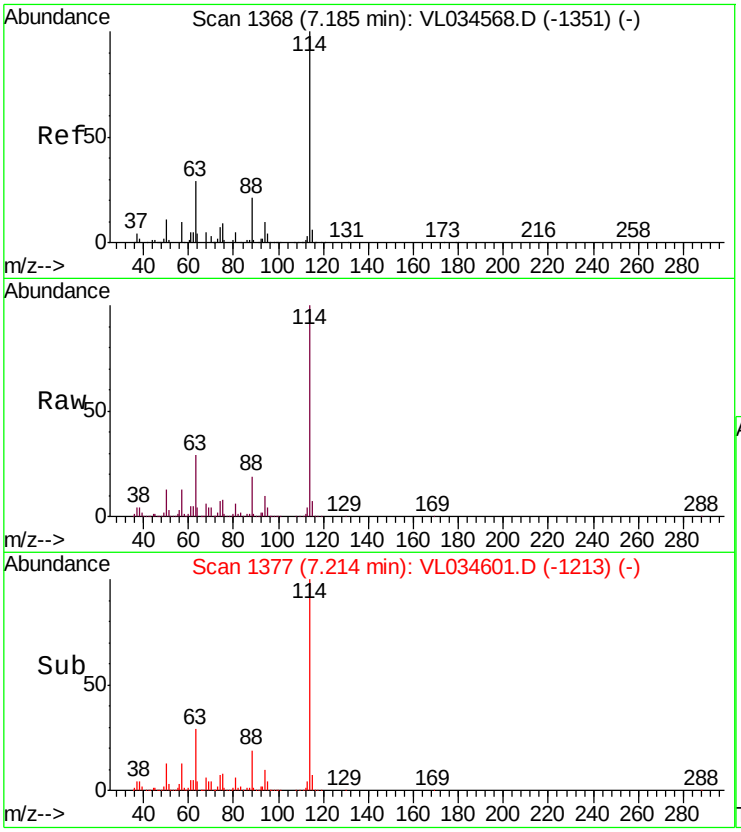


#32
1,1,1-Trichloroethane
Concen: 9.202 ppbv
RT: 6.54 min Scan# 1167
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 97 Resp: 1867433

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.2
61	53.4	43.0	64.4



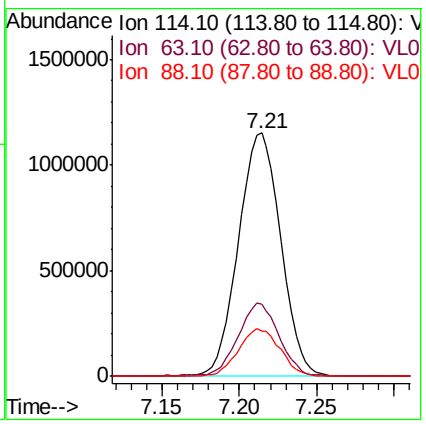


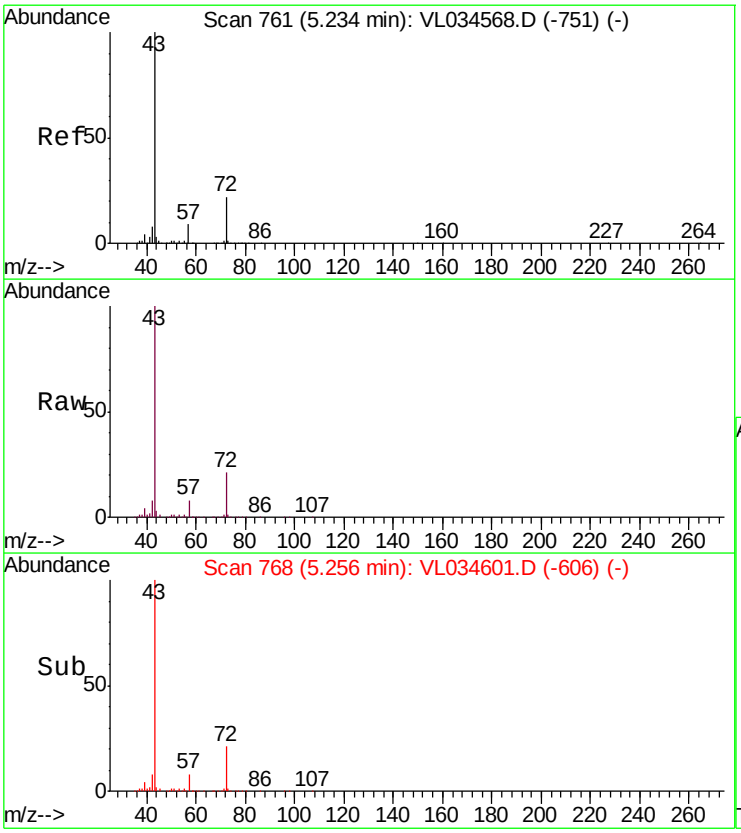
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2193797

Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.3	15.9	23.9

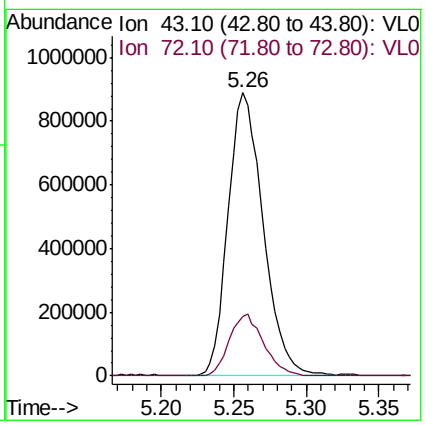


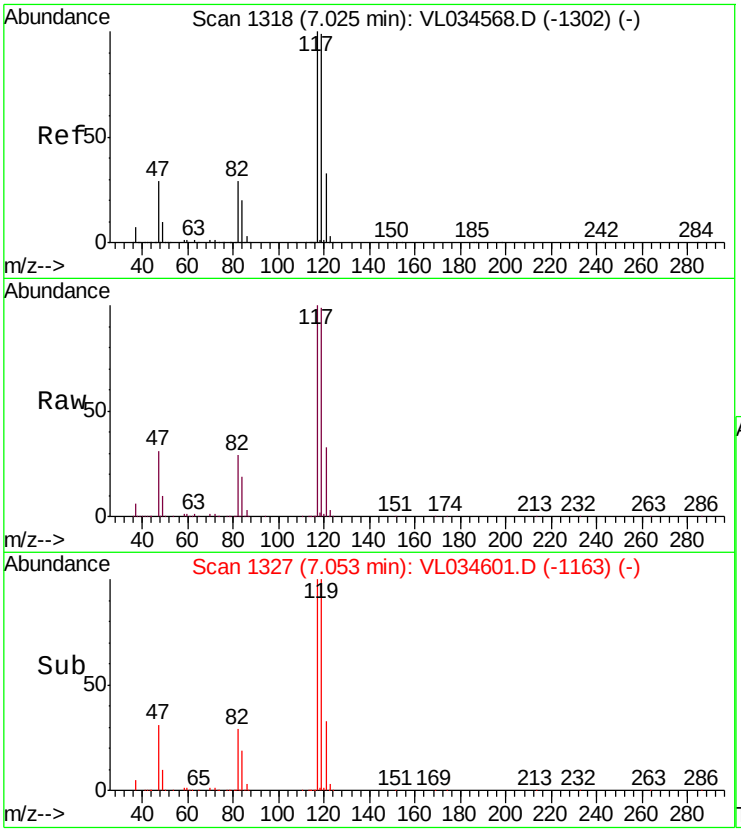


#34
2-Butanone
Concen: 9.352 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.02 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 43 Resp: 1489633

Ion	Ratio	Lower	Upper
43	100		
72	21.6	17.2	25.8



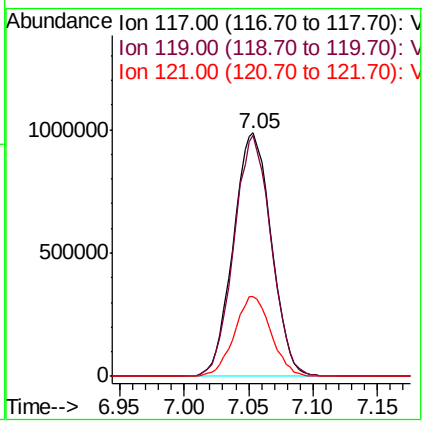


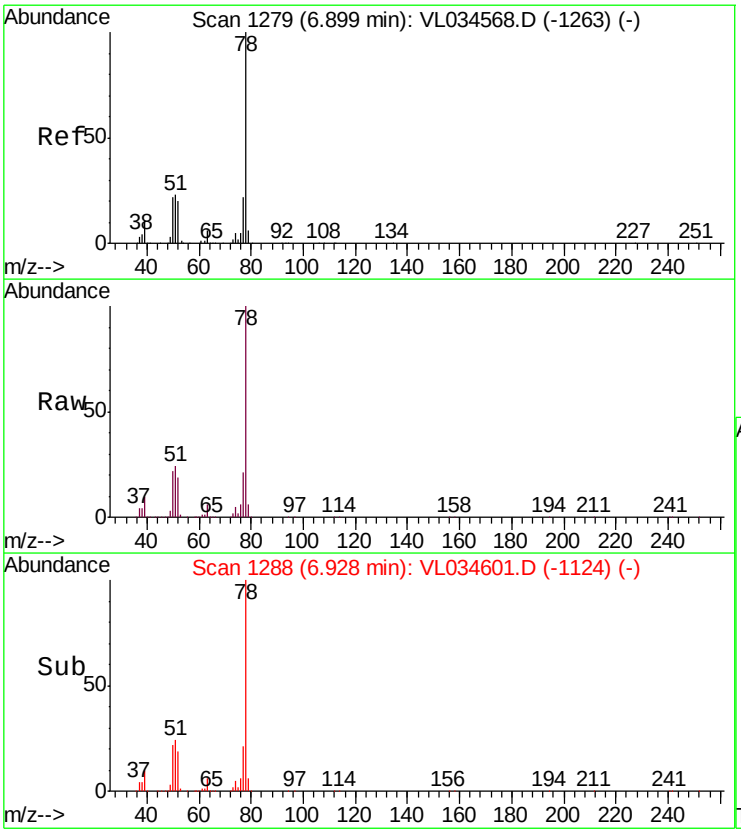
#35
Carbon Tetrachloride
Concen: 9.688 ppbv
RT: 7.05 min Scan# 1327
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2031937

Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.5	119.3
121	32.9	26.2	39.2

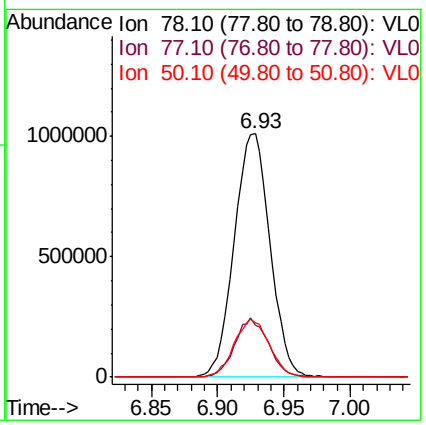


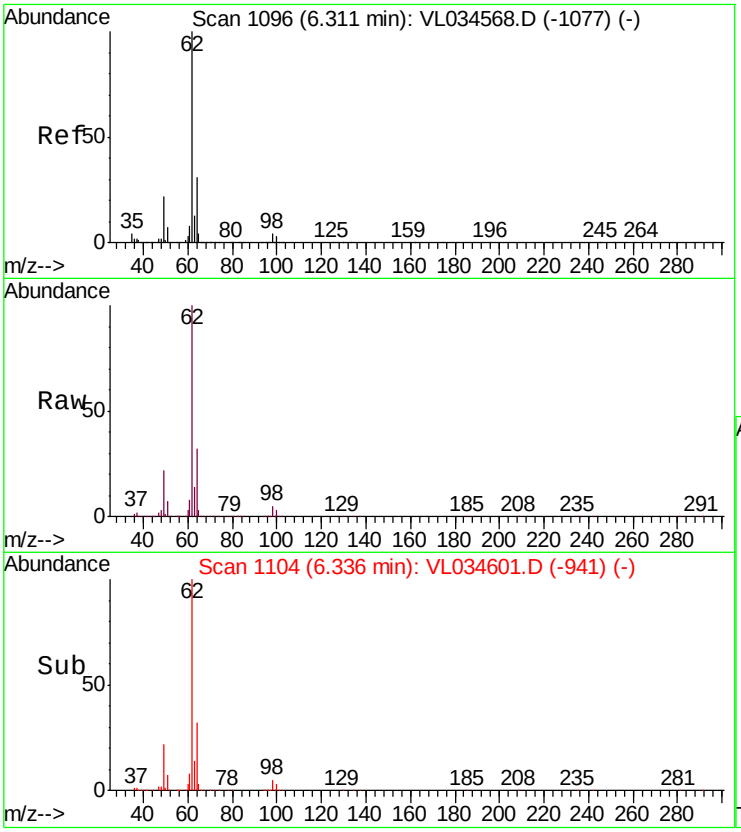


#36
Benzene
Concen: 9.719 ppbv
RT: 6.93 min Scan# 1288
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 78 Resp: 1896151

Ion	Ratio	Lower	Upper
78	100		
77	21.4	17.3	25.9
50	22.1	17.4	26.2



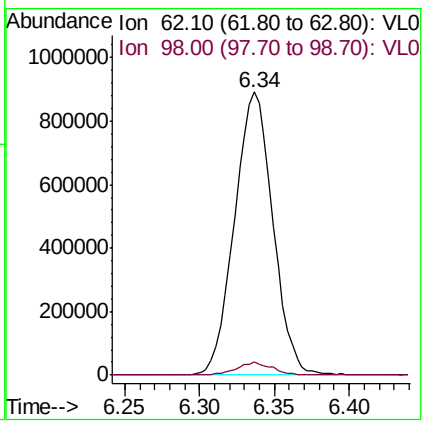


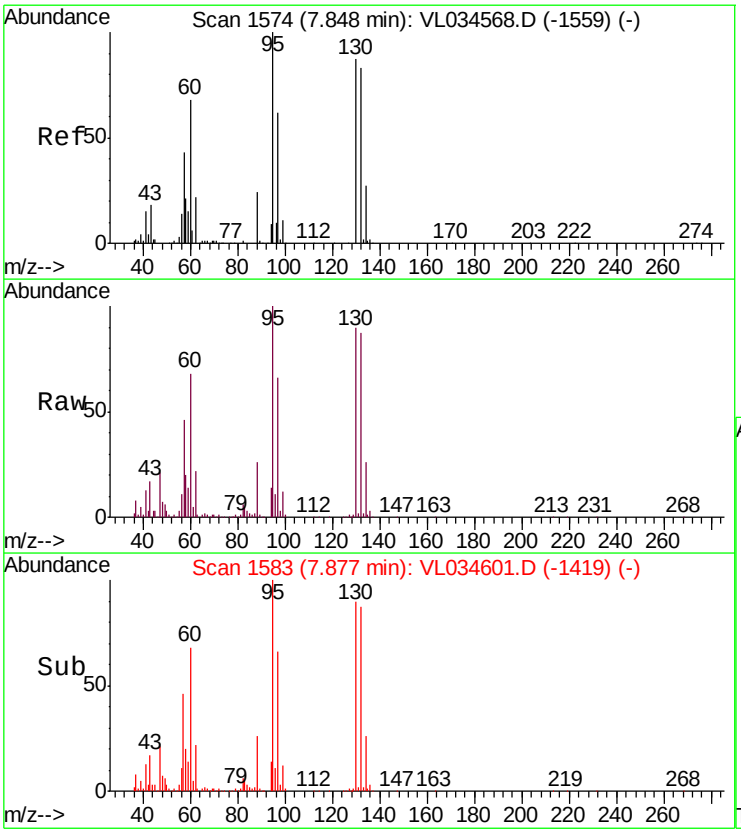
#37
1,2-Dichloroethane
Concen: 9.749 ppbv
RT: 6.34 min Scan# 1104
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1586797

Ion	Ratio	Lower	Upper
62	100		
98	4.3	3.7	5.5

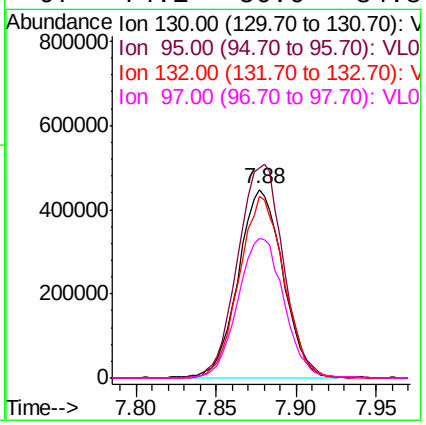


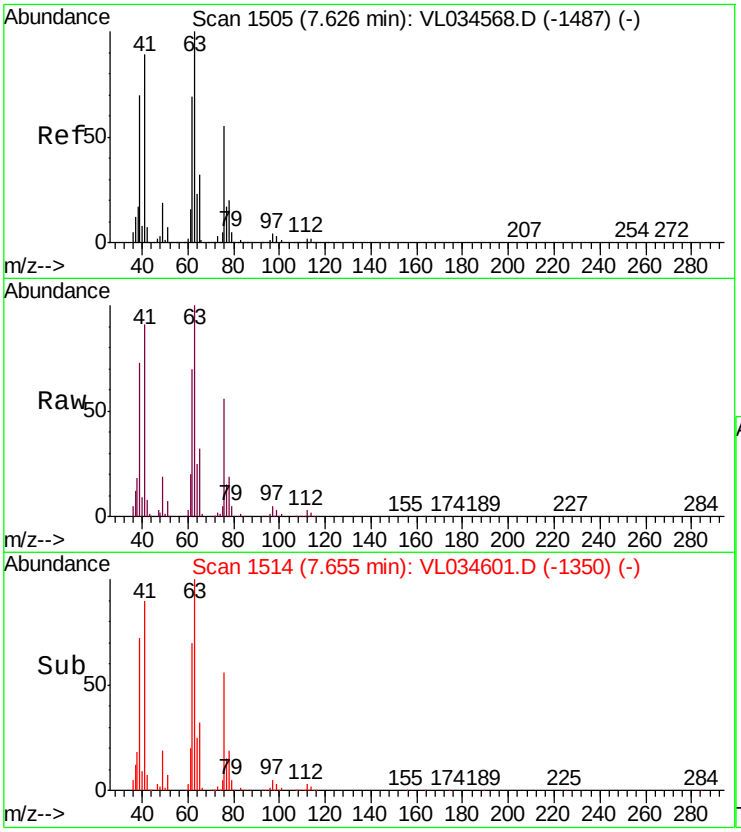


#38
Trichloroethene
Concen: 10.276 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion:130 Resp: 845058

Ion	Ratio	Lower	Upper
130	100		
95	111.4	91.6	137.4
132	96.6	76.1	114.1
97	74.1	56.6	84.8



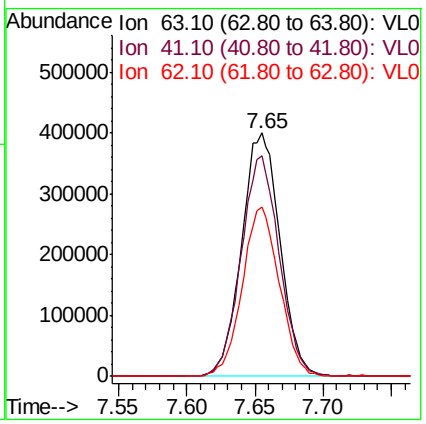


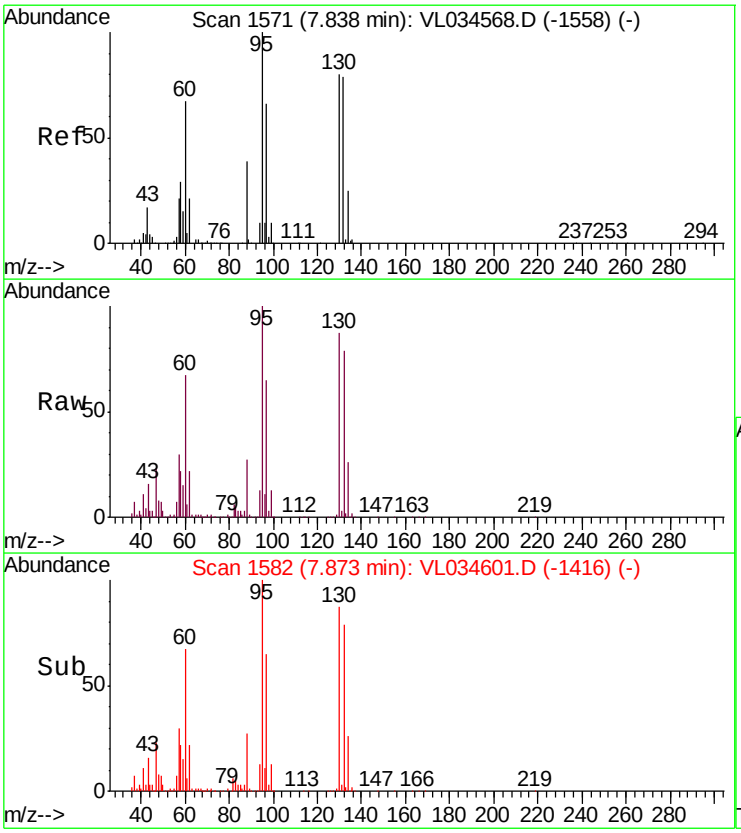
#39
1,2-Dichloropropane
Concen: 9.660 ppbv
RT: 7.65 min Scan# 1514
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 781253

Ion	Ratio	Lower	Upper
63	100		
41	90.4	71.0	106.4
62	69.5	55.4	83.0

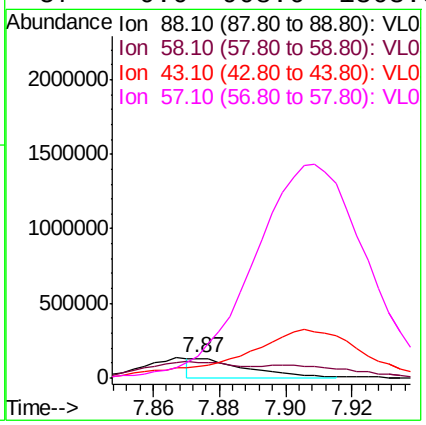


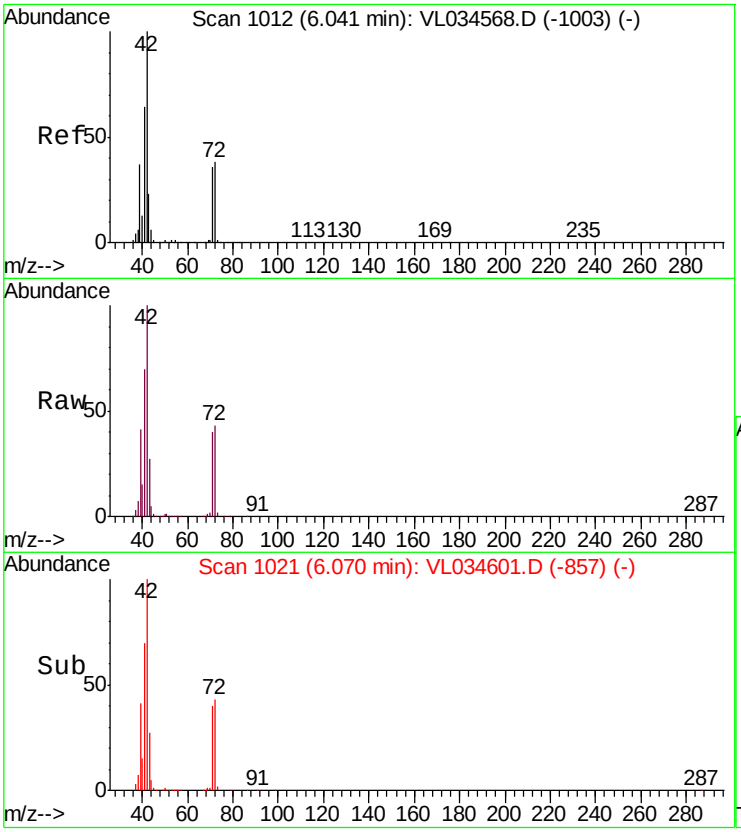


#40
1,4-Dioxane
Concen: 4.783 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.04 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 88 Resp: 148697

Ion	Ratio	Lower	Upper
88	100		
58	262.2	107.8	161.8#
43	0.0	220.9	331.3#
57	0.0	908.6	1363.0#



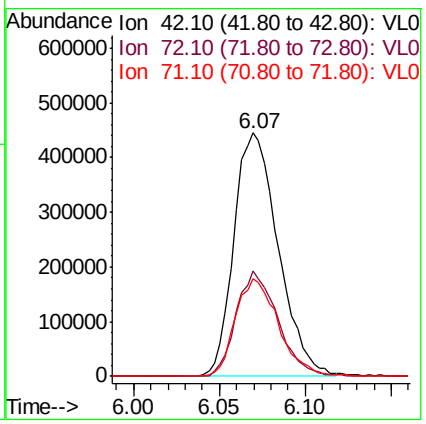


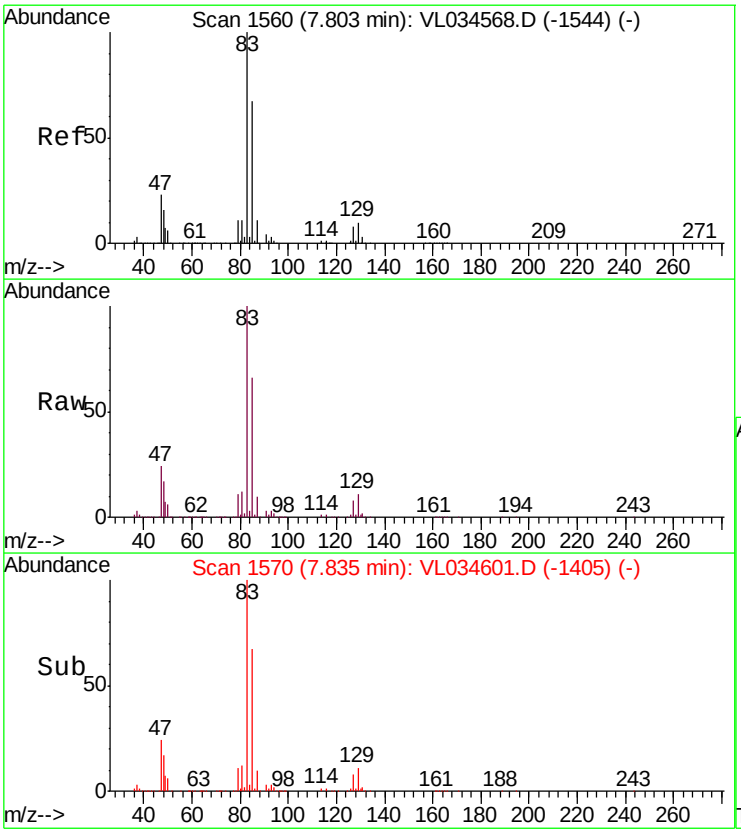
#41
Tetrahydrofuran
Concen: 9.579 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 795971

Ion	Ratio	Lower	Upper
42	100		
72	40.8	31.8	47.8
71	39.3	30.2	45.4

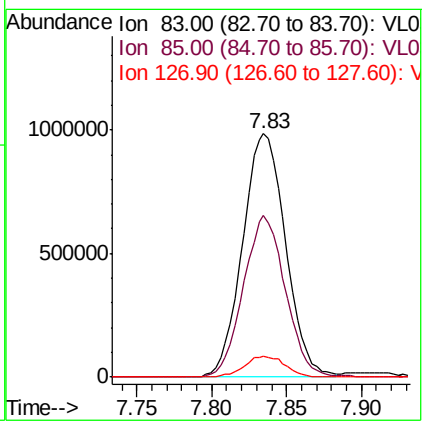


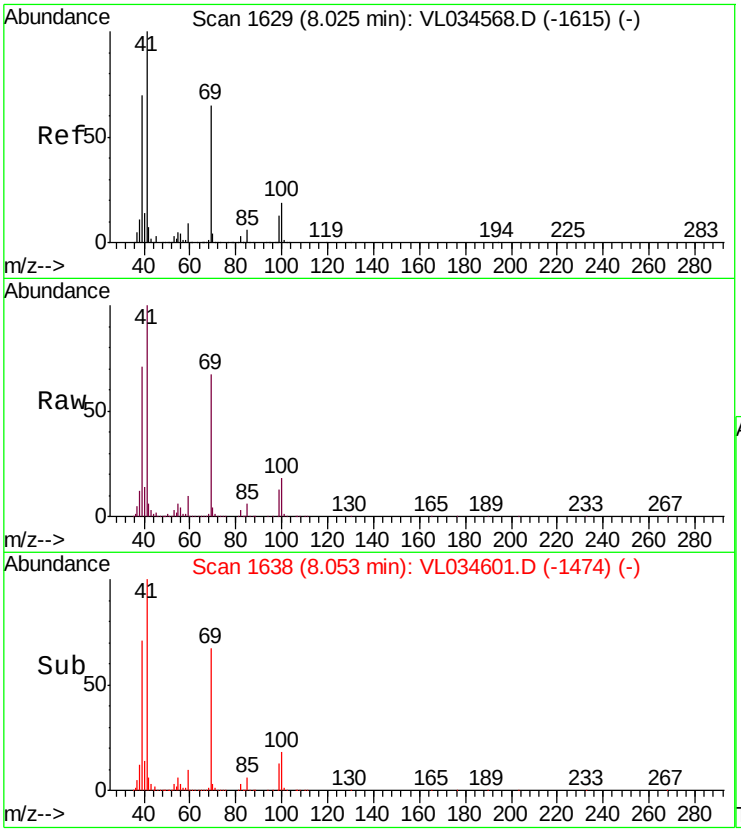


#42
Bromodichloromethane
Concen: 9.843 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 83 Resp: 1971973

Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.2	79.8
127	8.4	6.5	9.7



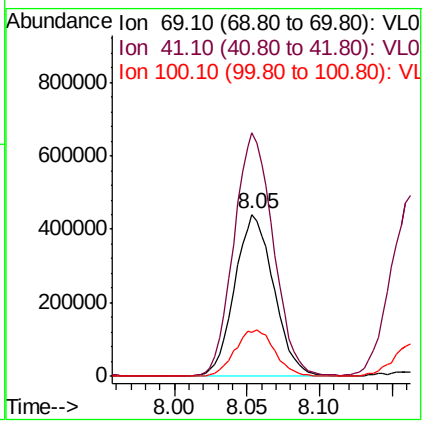


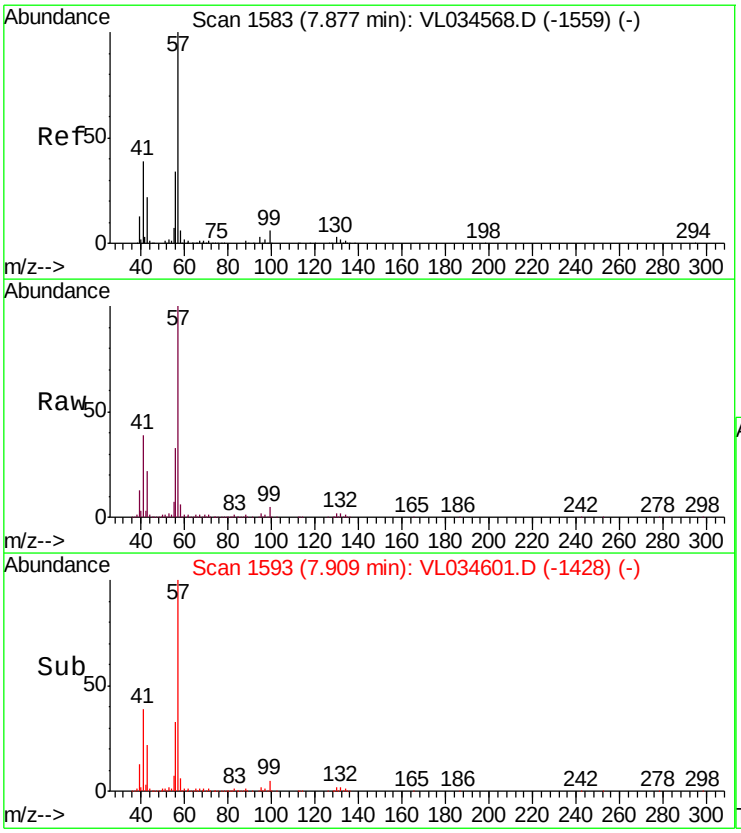
#43
Methyl Methacrylate
Concen: 10.500 ppbv
RT: 8.05 min Scan# 1638
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 69 Resp: 823895

Ion	Ratio	Lower	Upper
69	100		
41	152.1	123.9	185.9
100	29.3	24.1	36.1

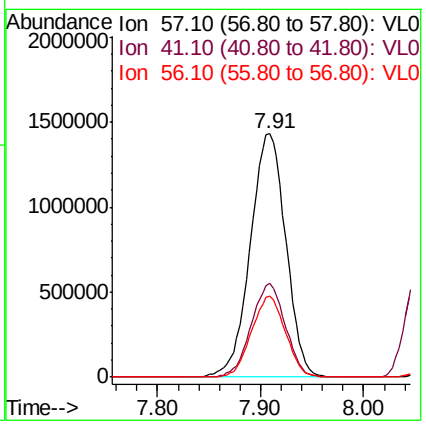


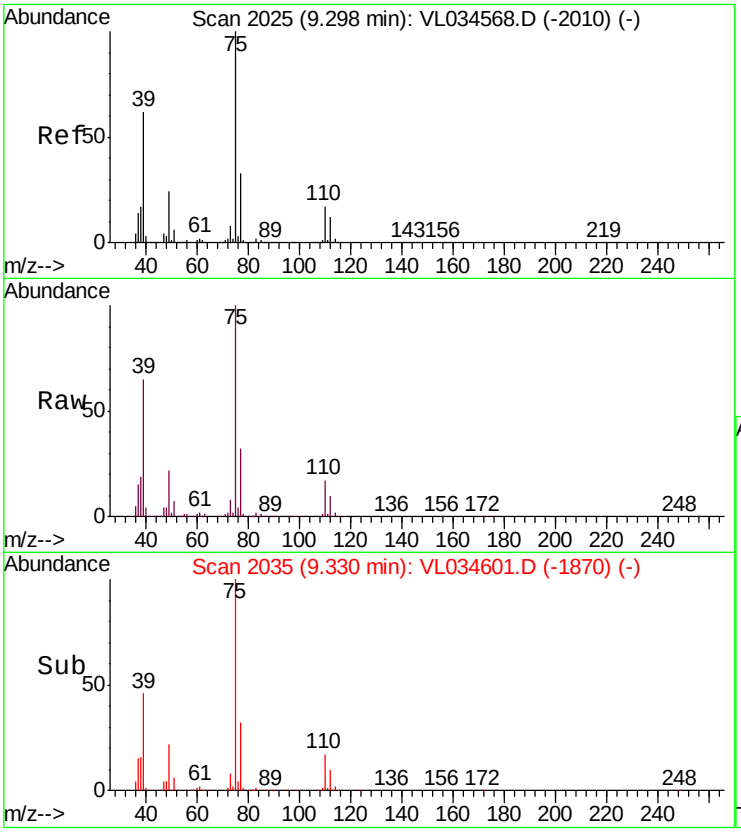


#44
2,2,4-Trimethylpentane
Concen: 9.655 ppbv
RT: 7.91 min Scan# 1593
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 57 Resp: 3417406

Ion	Ratio	Lower	Upper
57	100		
41	37.0	28.9	43.3
56	31.8	25.5	38.3



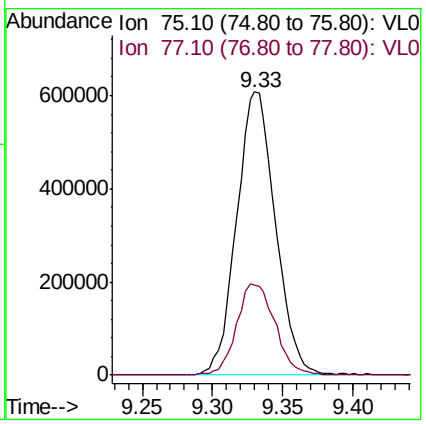


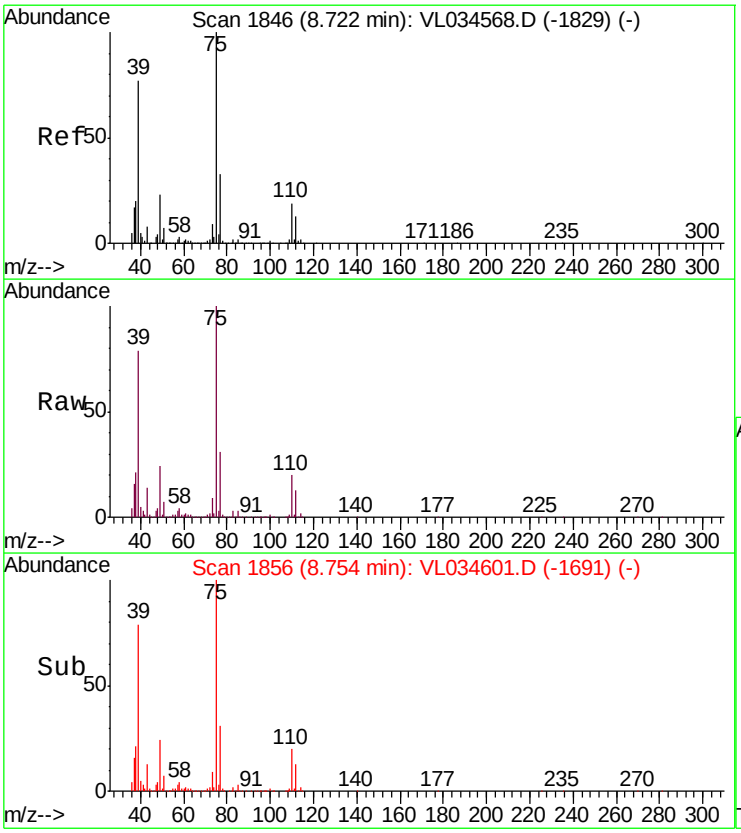
#45
t-1,3-Dichloropropene
Concen: 11.437 ppbv
RT: 9.33 min Scan# 2035
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1175114

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.7	40.1

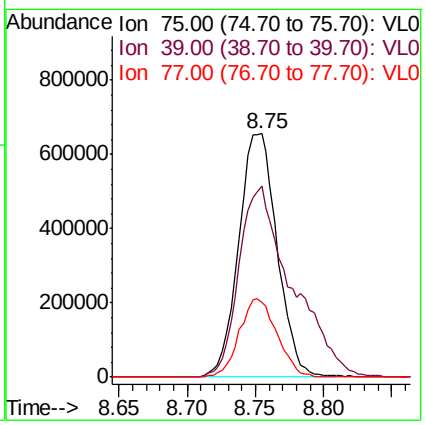


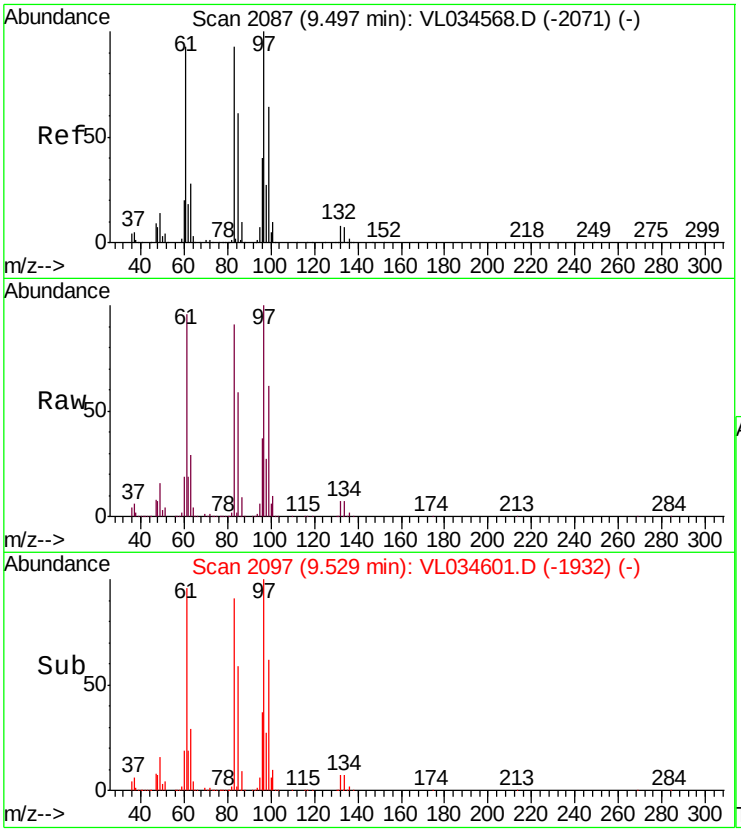


#46
cis-1,3-Dichloropropene
Concen: 10.969 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 75 Resp: 1280953

Ion	Ratio	Lower	Upper
75	100		
39	78.7	61.9	92.9
77	30.5	26.1	39.1



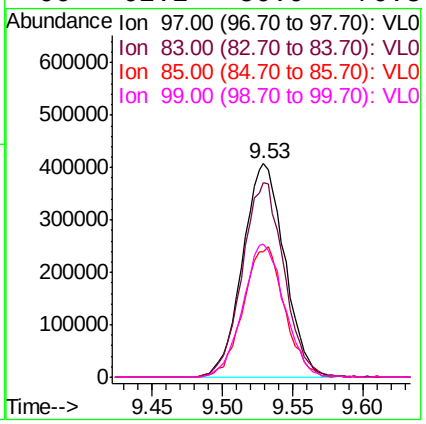


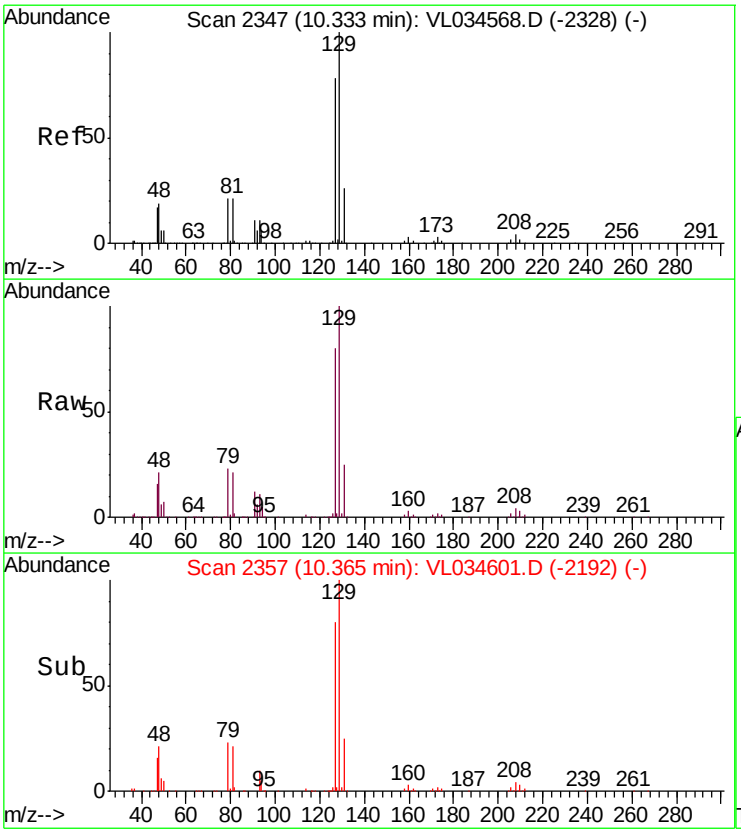
#47
1,1,2-Trichloroethane
Concen: 9.704 ppbv
RT: 9.53 min Scan# 2097
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 849996

Ion	Ratio	Lower	Upper
97	100		
83	90.9	74.4	111.6
85	58.6	49.2	73.8
99	62.2	50.9	76.3

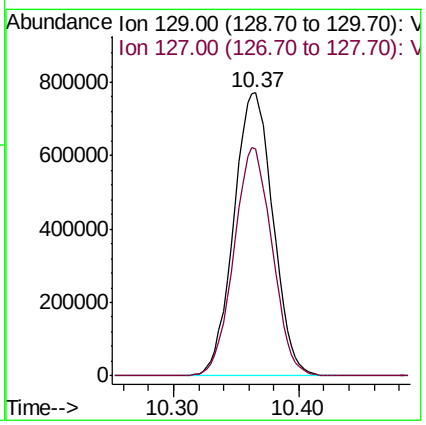


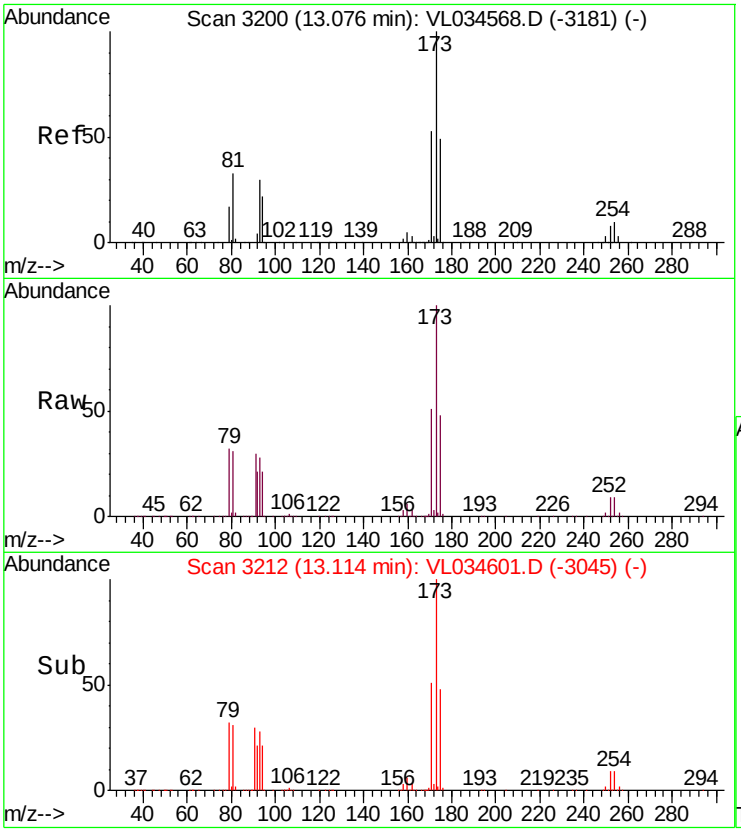


#48
Dibromochloromethane
Concen: 10.437 ppbv
RT: 10.37 min Scan# 2357
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion:129 Resp: 1675376

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.2



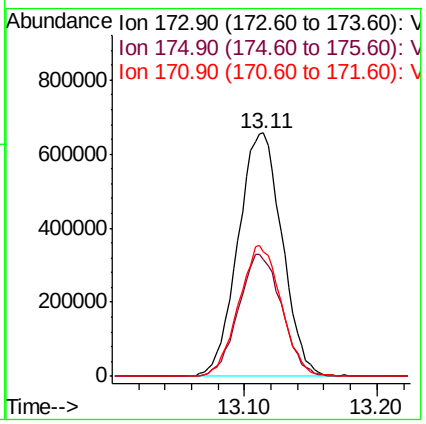


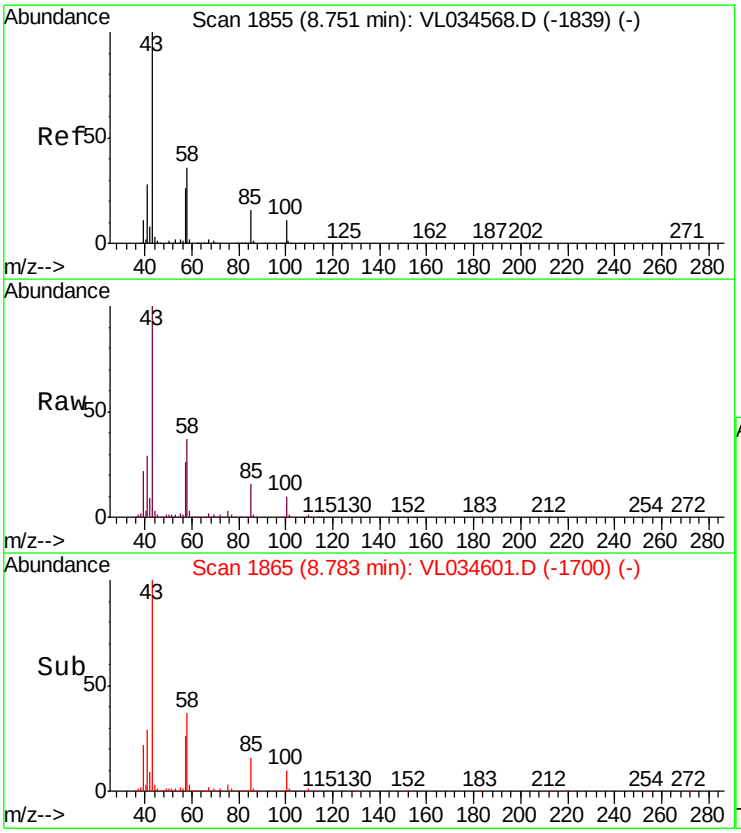
#49
Bromoform
Concen: 10.780 ppbv
RT: 13.11 min Scan# 3212
Delta R.T. 0.04 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:173 Resp: 1519147

Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.7	59.5
171	52.0	41.6	62.4

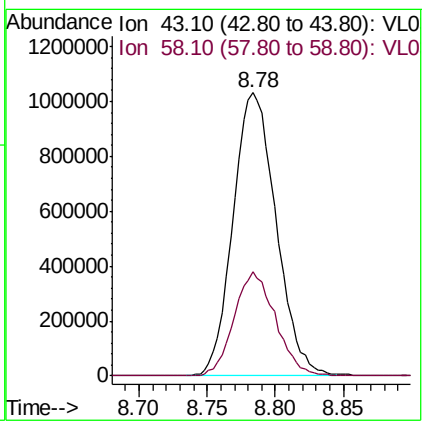


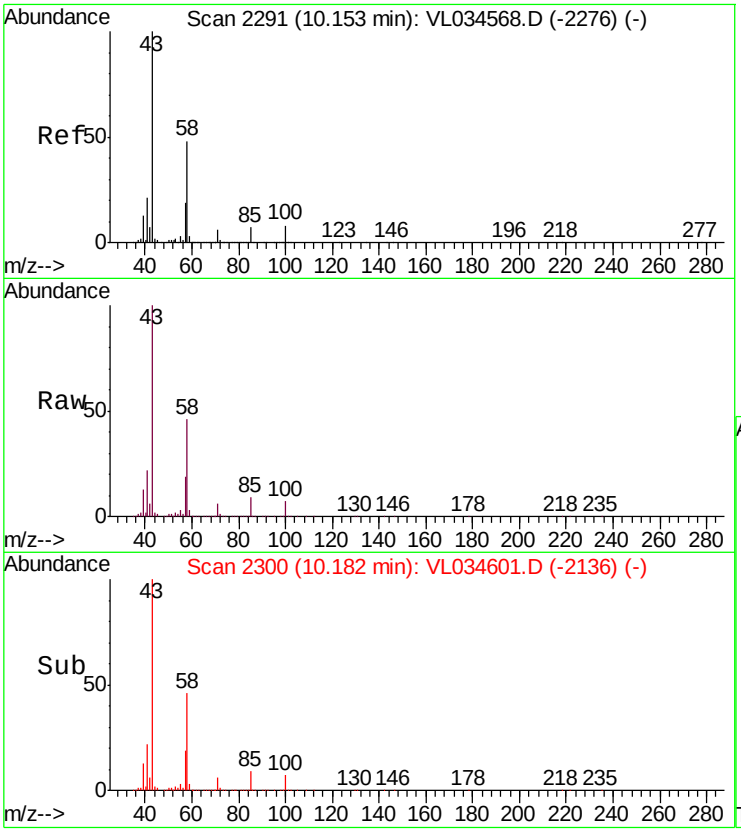


#50
4-Methyl-2-Pentanone
Concen: 9.939 ppbv
RT: 8.78 min Scan# 1865
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion: 43 Resp: 2257749

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.6	43.0



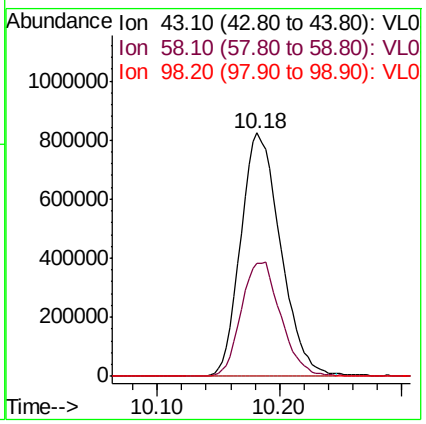


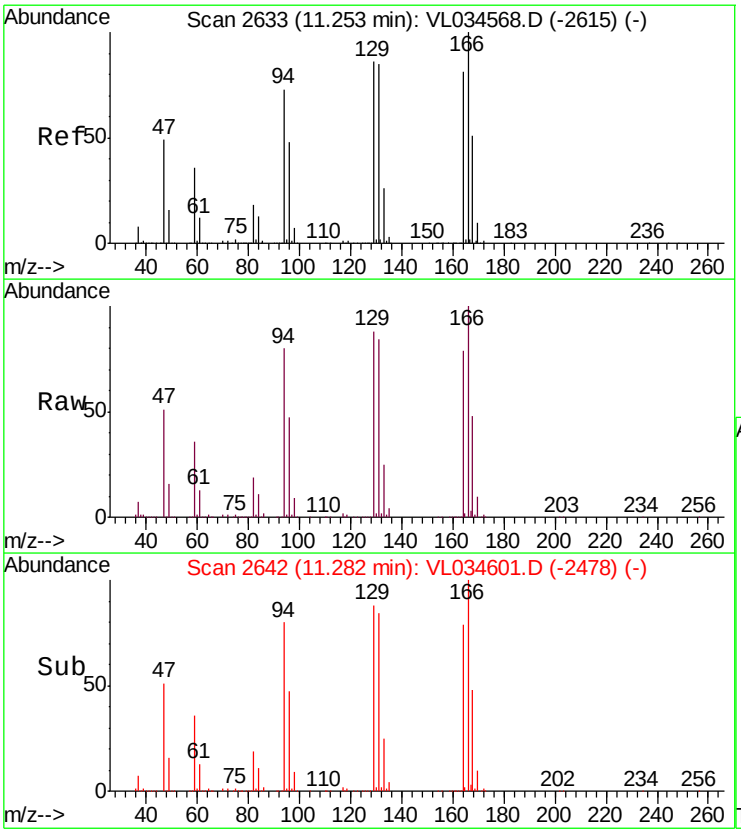
#51
2-Hexanone
Concen: 10.384 ppbv
RT: 10.18 min Scan# 2300
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1856894

Ion	Ratio	Lower	Upper
43	100		
58	46.5	37.9	56.9
98	0.4	0.3	0.5

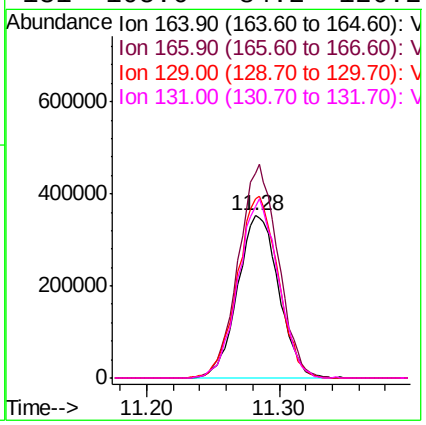


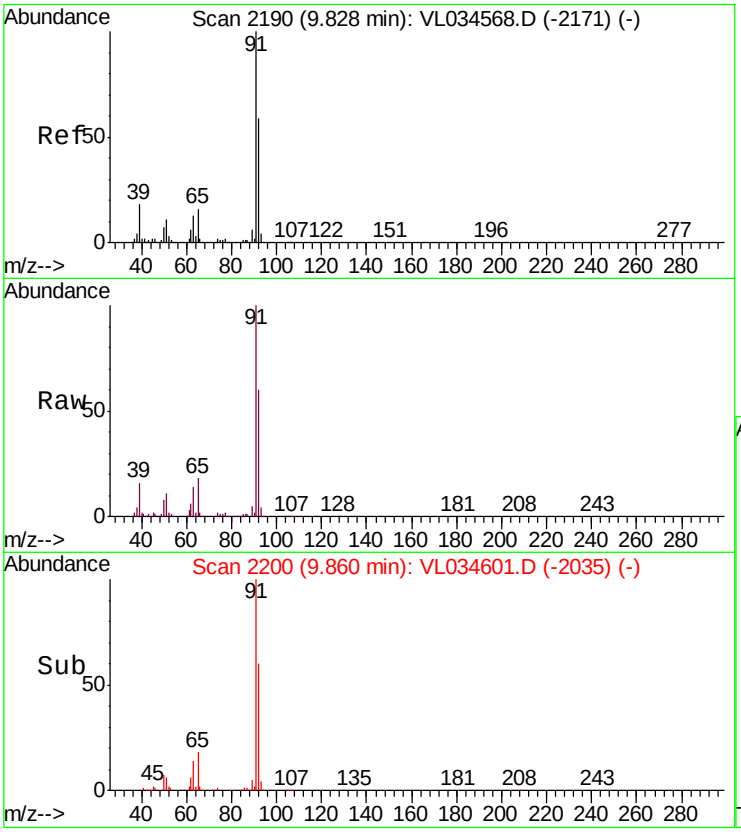


#52
Tetrachloroethene
Concen: 9.647 ppbv
RT: 11.28 min Scan# 2642
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion:164 Resp: 756042

Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.0	148.4
129	110.6	85.3	127.9
131	105.6	84.2	126.2



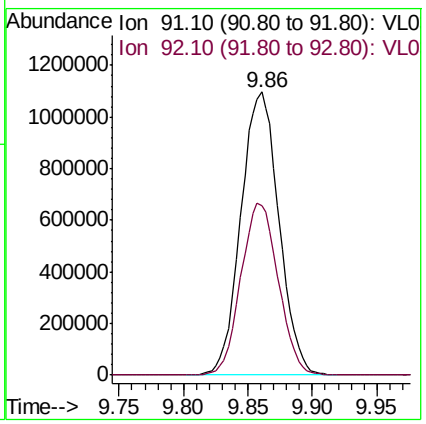


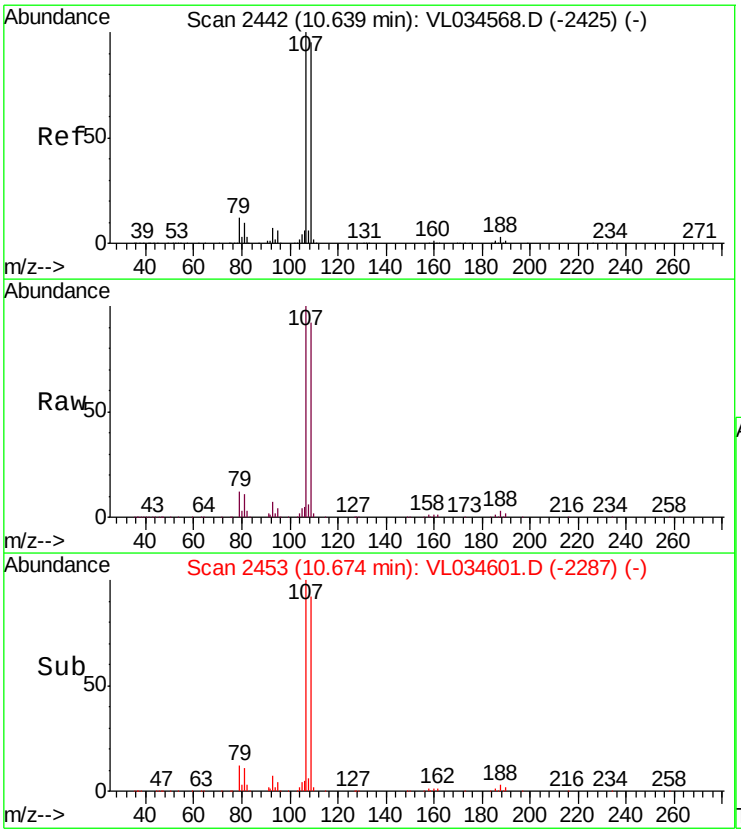
#53
Toluene
Concen: 10.517 ppbv
RT: 9.86 min Scan# 2200
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2254006

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.2	72.2

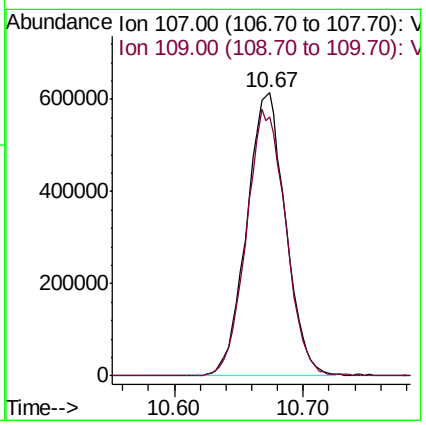


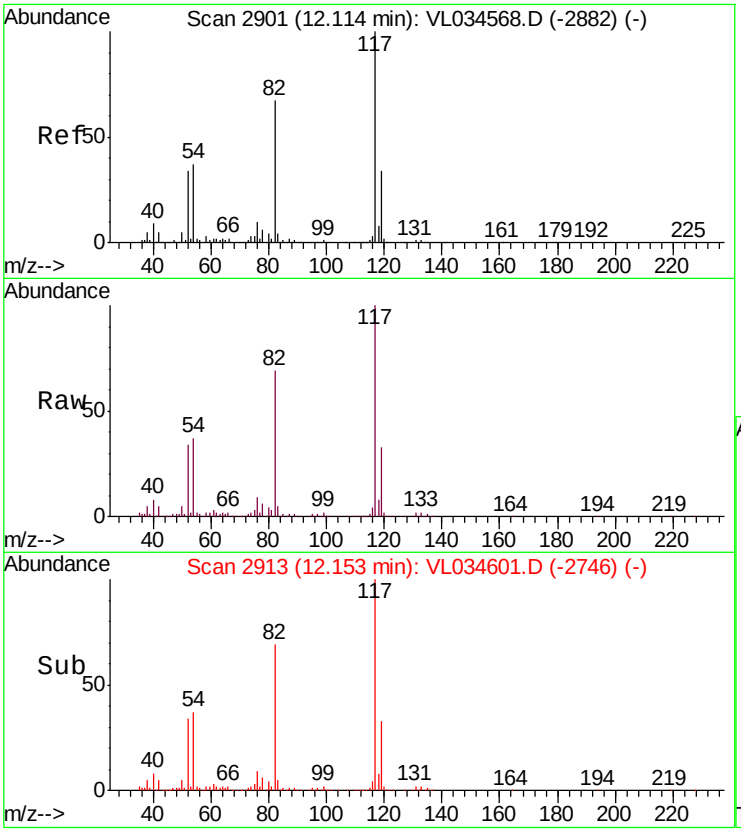


#54
1,2-Dibromoethane
Concen: 9.841 ppbv
RT: 10.67 min Scan# 2453
Delta R.T. 0.04 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion:107 Resp: 1291757

Ion	Ratio	Lower	Upper
107	100		
109	91.7	75.9	113.9



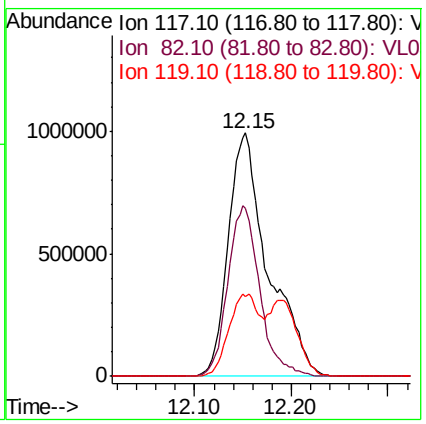


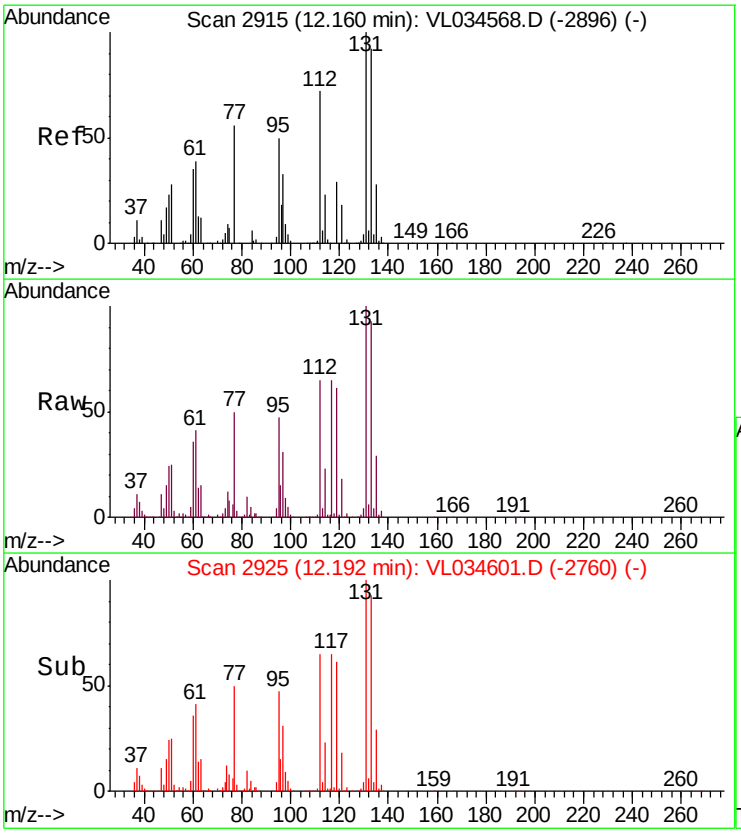
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.04 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:117 Resp: 2843118

Ion	Ratio	Lower	Upper
117	100		
82	56.2	54.2	81.4
119	26.6	26.1	39.1





#56
1,1,1,2-Tetrachloroethane
Concen: 7.970 ppbv
RT: 12.19 min Scan# 2925
Delta R.T. 0.03 min
Lab File: VL034601.D
Acq: 6 Feb 2020 14:41

Tgt Ion:131 Resp: 1118660

Ion	Ratio	Lower	Upper
131	100		
133	95.1	75.8	113.8
119	61.0	47.0	70.6