Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034790.D
Acq On : 5 Mar 2020 9:39
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 06 03:40:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1053391	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.18	114	2182639	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	2362376	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1889500	9.59	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	1693810	9.853	ppbv	99
3) Chlorodifluoromethane	2.95	51	1060622	8.838	ppbv	98
4) Chloromethane	3.10	50	590886	9.141	ppbv	98
5) Vinyl Chloride	3.22	62	584067	8.553	ppbv	98
6) Bromomethane	3.44	94	349453	9.376	ppbv	96
7) Chloroethane	3.52	64	213588	9.046	ppbv	95
8) Dichlorotetrafluoroethane	3.15	85	1369034	9.167	ppbv	99
9) Propene	2.97	41	422592	8.946	ppbv	99
10) Heptane	8.13	43	1196989	9.971	ppbv	98
11) Trichlorofluoromethane	3.92	101	1446972	9.406	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.46	101	999245	9.415	ppbv	97
13) Ethanol	3.57	45	134744	8.325	ppbv	96
14) Bromoethene	3.71	108	427811	9.823	ppbv	99
15) Acetone	3.82	43	1107425	8.779	ppbv	99
16) 1,3-Butadiene	3.29	39	540632	9.473	ppbv	100
17) tert-Butyl alcohol	4.27	59	1030016	10.355	ppbv	100
18) 1,1-Dichloroethene	4.26	96	453241	9.683	ppbv	99
19) Isopropyl Alcohol	3.94	45	789528	10.446	ppbv	99
20) Methylene Chloride	4.32	84	403986	8.973	ppbv	94
21) Allyl Chloride	4.39	41	783910	9.813	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	449793	9.843	ppbv	98
23) Vinyl Acetate	5.06	43	1658200	9.803	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1209316	9.211	ppbv	98
25) Ethyl Acetate	5.67	43	2035420	9.338	ppbv	100
26) Hexane	5.67	57	923105	9.694	ppbv	99
27) Carbon Disulfide	4.53	76	1185392	10.655	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	1325936	9.355	ppbv	99
29) Chloroform	5.74	83	1496598	9.336	ppbv	95
30) Cyclohexane	7.13	84	754372	10.355	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	954003	9.767	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	1438724	9.083	ppbv	99
34) 2-Butanone	5.23	43	1333193	9.389	ppbv	100
35) Carbon Tetrachloride	7.02	117	1508327	9.158	ppbv	100
36) Benzene	6.89	78	1793553	9.616	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1226057	9.624	ppbv	99
38) Trichloroethene	7.84	130	692163	9.522	ppbv	98
39) 1,2-Dichloropropane	7.62	63	716556	9.520	ppbv	97
40) 1,4-Dioxane	7.83	88	268870	10.328	ppbv #	98
41) Tetrahydrofuran	6.04	42	737531	10.180	ppbv	99
42) Bromodichloromethane	7.80	83	1615002	10.019	ppbv	98
43) Methyl Methacrylate	8.02	69	846463	10.710	ppbv	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034790.D
Acq On : 5 Mar 2020 9:39
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 06 03:40:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3165658	9.713	ppbv		100
45) t-1,3-Dichloropropene	9.29	75	963987	11.619	ppbv		97
46) cis-1,3-Dichloropropene	8.72	75	1123074	11.085	ppbv		99
47) 1,1,2-Trichloroethane	9.49	97	380246	4.785	ppbv		96
48) Dibromochloromethane	10.32	129	1321811	10.637	ppbv		100
49) Bromoform	13.07	173	1187394	10.951	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	2033643	9.995	ppbv		99
51) 2-Hexanone	10.15	43	1680749	10.531	ppbv		100
52) Tetrachloroethene	11.25	164	643147	9.334	ppbv		96
53) Toluene	9.82	91	2065896	10.466	ppbv		99
54) 1,2-Dibromoethane	10.64	107	1169942	9.957	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.15	131	977636	9.340	ppbv	#	60
57) Chlorobenzene	12.17	112	1589828	8.810	ppbv		99
58) Ethyl Benzene	12.74	91	2862052	9.831	ppbv		97
59) m/p-Xylene	13.02	91	2579215	10.235	ppbv	#	42
60) o-Xylene	13.72	91	2401129	9.417	ppbv		99
61) Styrene	13.55	104	1686551	10.662	ppbv		99
62) Isopropylbenzene	14.70	105	3459669	9.219	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.71	83	1726159	8.588	ppbv		100
64) n-propylbenzene	15.60	120	911887	9.691	ppbv		100
65) tert-Butylbenzene	16.78	119	3058761	9.645	ppbv		99
66) Benzyl Chloride	17.03	91	1200177	11.706	ppbv		99
67) sec-Butylbenzene	17.33	105	4349913	9.413	ppbv		100
69) p-Isopropyltoluene	17.69	119	3621556	9.684	ppbv		99
70) n-Butylbenzene	18.59	91	3946896	9.652	ppbv		100
71) 2-Chlorotoluene	15.49	91	2738725	9.663	ppbv		100
72) 4-Ethyltoluene	15.87	105	2822651	9.942	ppbv		100
73) 1,3,5-Trimethylbenzene	16.03	105	2662931	9.779	ppbv		98
74) 1,2,4-Trimethylbenzene	16.80	105	2794858	9.441	ppbv		93
75) 1,3-Dichlorobenzene	17.03	146	1585122	9.045	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	1588117	9.471	ppbv		99
77) 1,2-Dichlorobenzene	17.85	146	1535822	9.161	ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	1289512	9.217	ppbv		99
79) Naphthalene	22.26	128	2593677	11.659	ppbv		100
80) Naphthalene,2-methyl-	25.01	142	1129509	21.258	ppbv		96
81) 1,2,4-Trichlorobenzene	21.98	180	1479221	10.518	ppbv		99

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

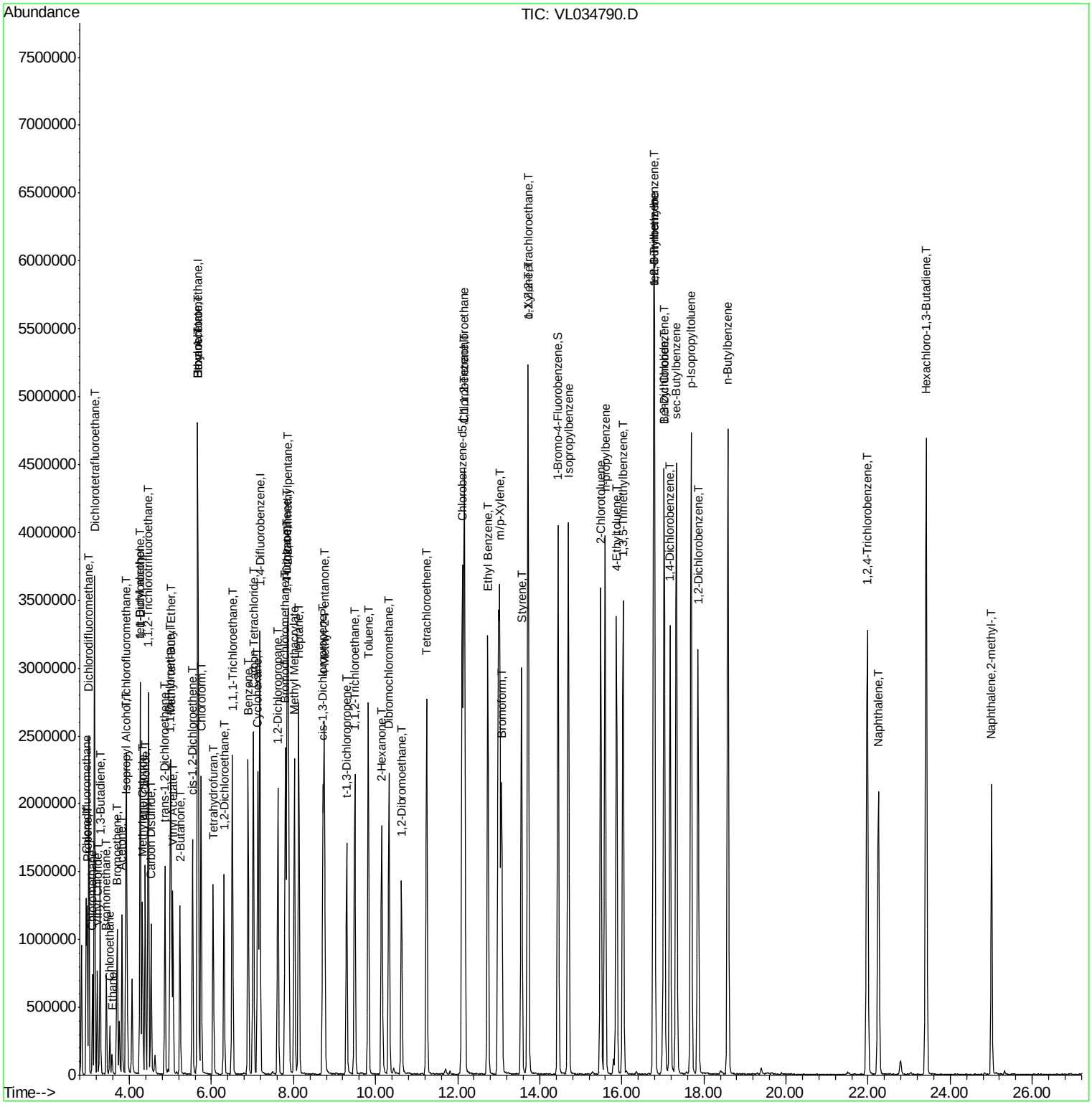
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

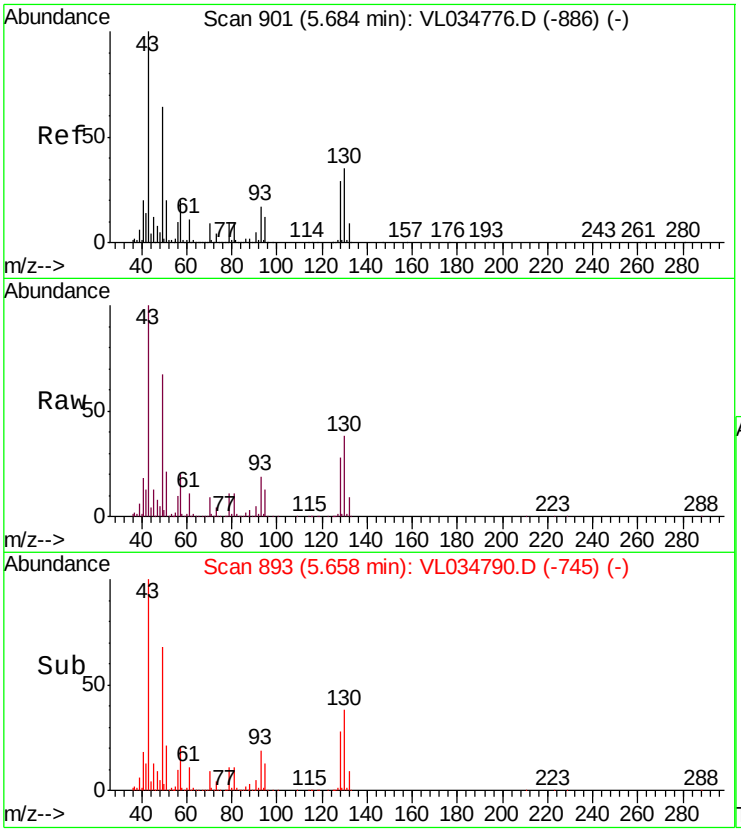
Quantitation Report (Not Reviewed)

Data File : VL034790.D
Acq On : 5 Mar 2020 9:39
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 06 03:40:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration



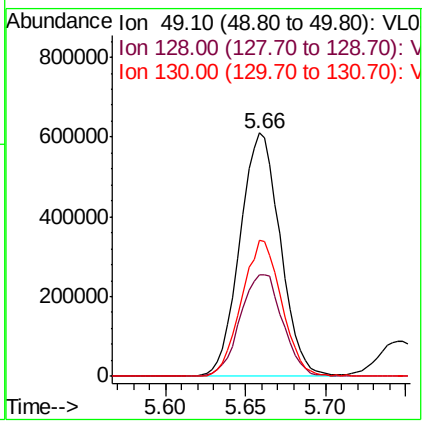


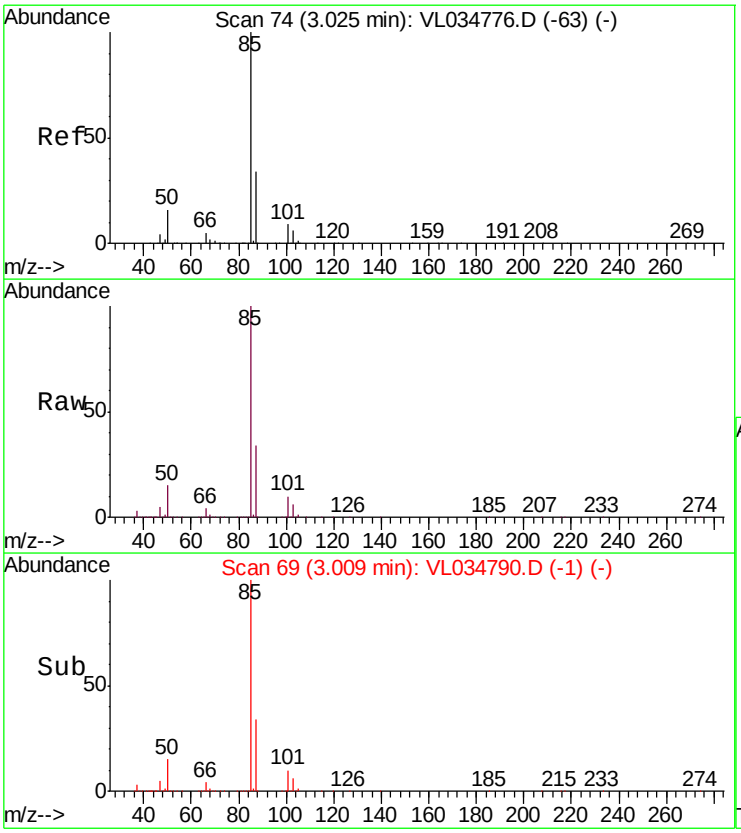
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1053391

Ion	Ratio	Lower	Upper
49	100		
128	44.1	21.6	64.6
130	55.7	27.4	82.2

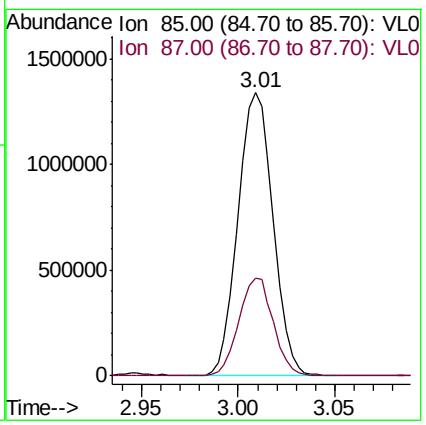


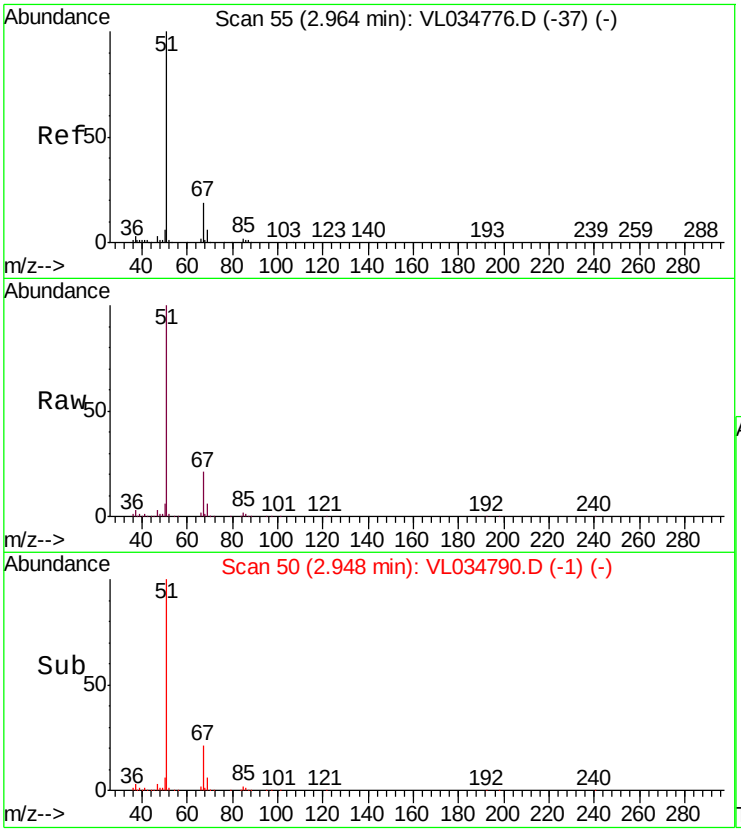


#2
Dichlorodifluoromethane
Concen: 9.853 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 85 Resp: 1693810

Ion	Ratio	Lower	Upper
85	100		
87	34.4	27.2	40.8



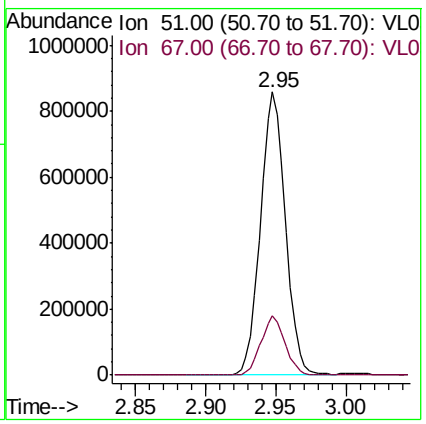


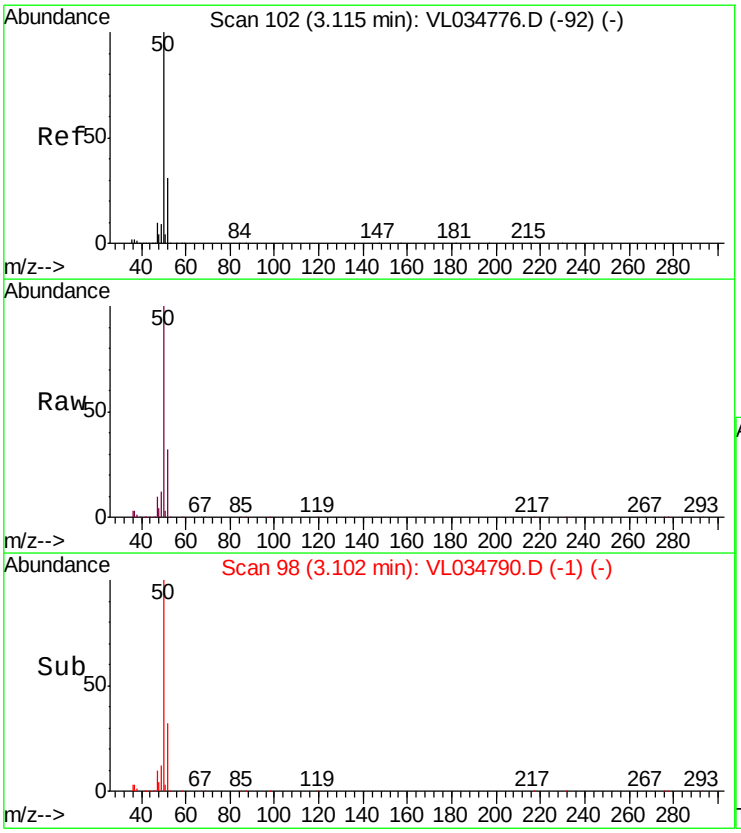
#3
Chlorodifluoromethane
Concen: 8.838 ppbv
RT: 2.95 min Scan# 50
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1060622

Ion	Ratio	Lower	Upper
51	100		
67	20.2	15.3	22.9

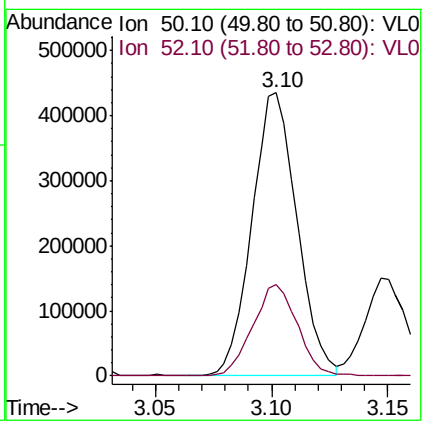


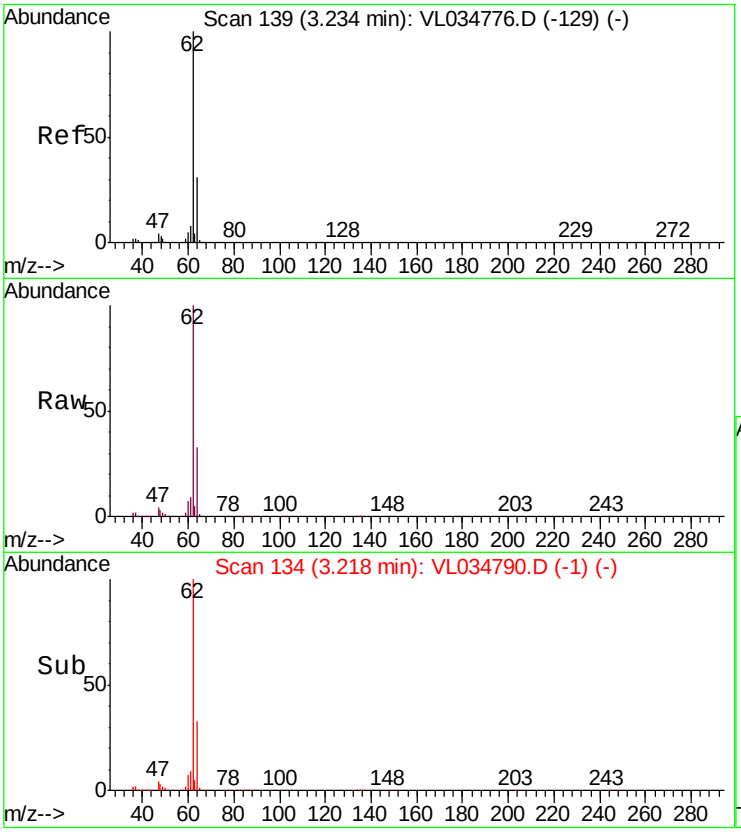


#4
Chloromethane
Concen: 9.141 ppbv
RT: 3.10 min Scan# 98
Delta R.T. -0.01 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 50 Resp: 590886

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.0	37.4



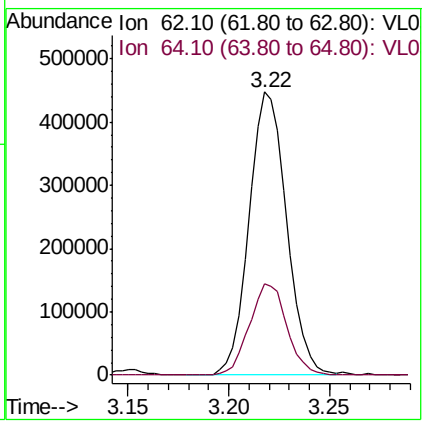


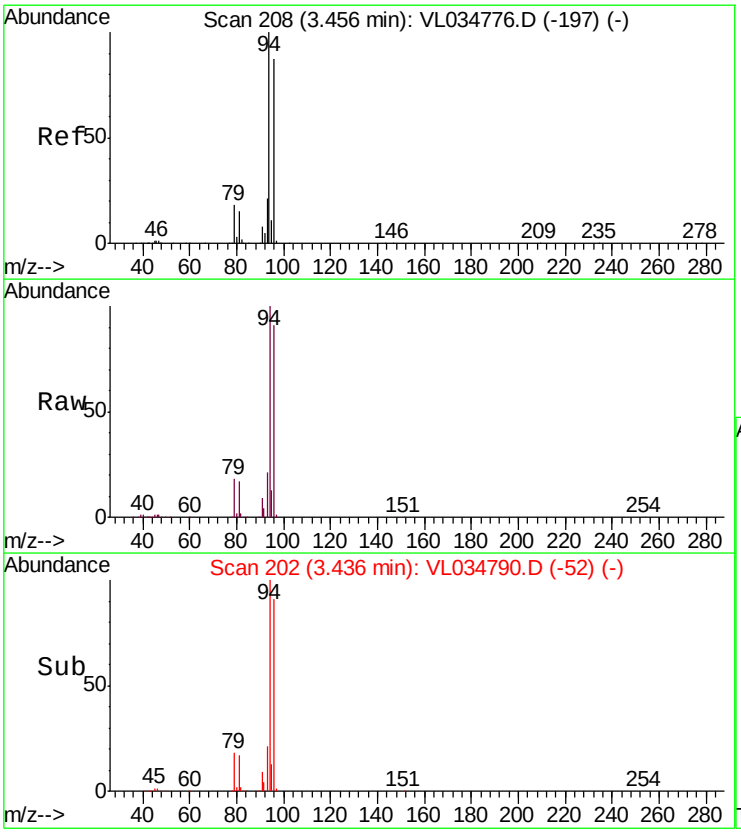
#5
Vinyl Chloride
Concen: 8.553 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 584067

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.1	37.7

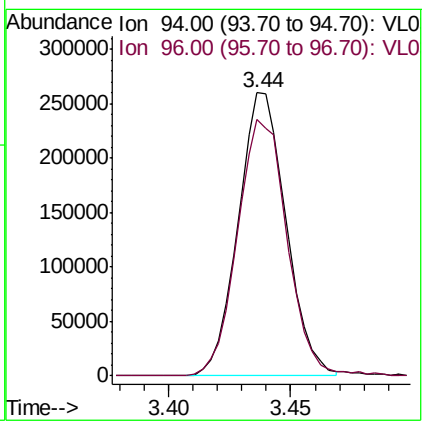


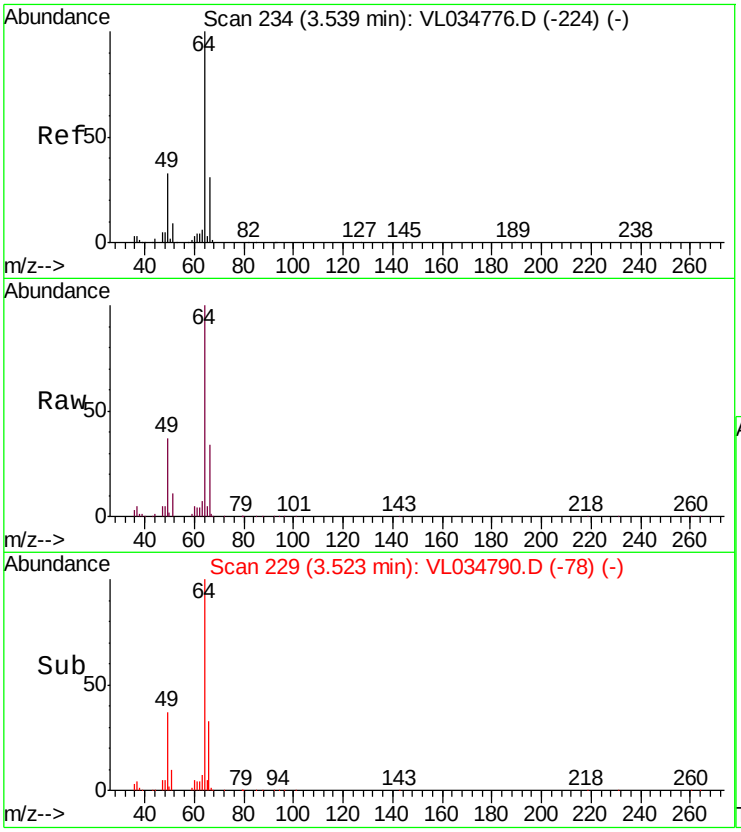


#6
Bromomethane
Concen: 9.376 ppbv
RT: 3.44 min Scan# 202
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 94 Resp: 349453

Ion	Ratio	Lower	Upper
94	100		
96	90.8	70.0	105.0



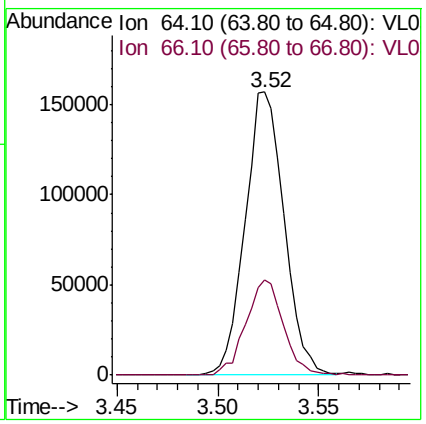


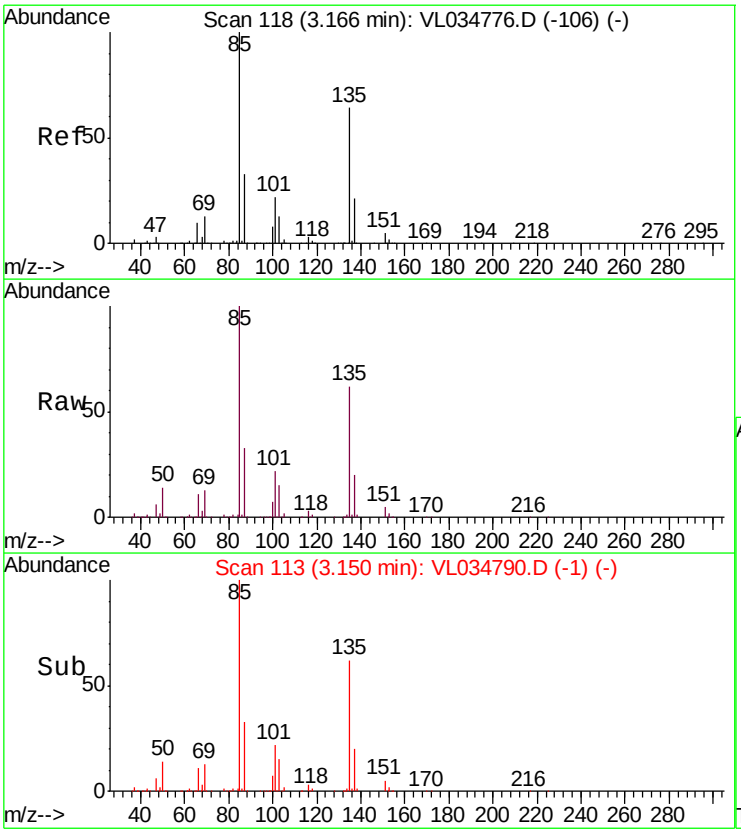
#7
Chloroethane
Concen: 9.046 ppbv
RT: 3.52 min Scan# 229
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 213588

Ion	Ratio	Lower	Upper
64	100		
66	33.5	24.8	37.2

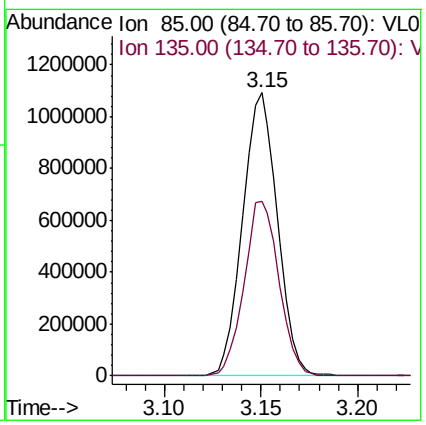


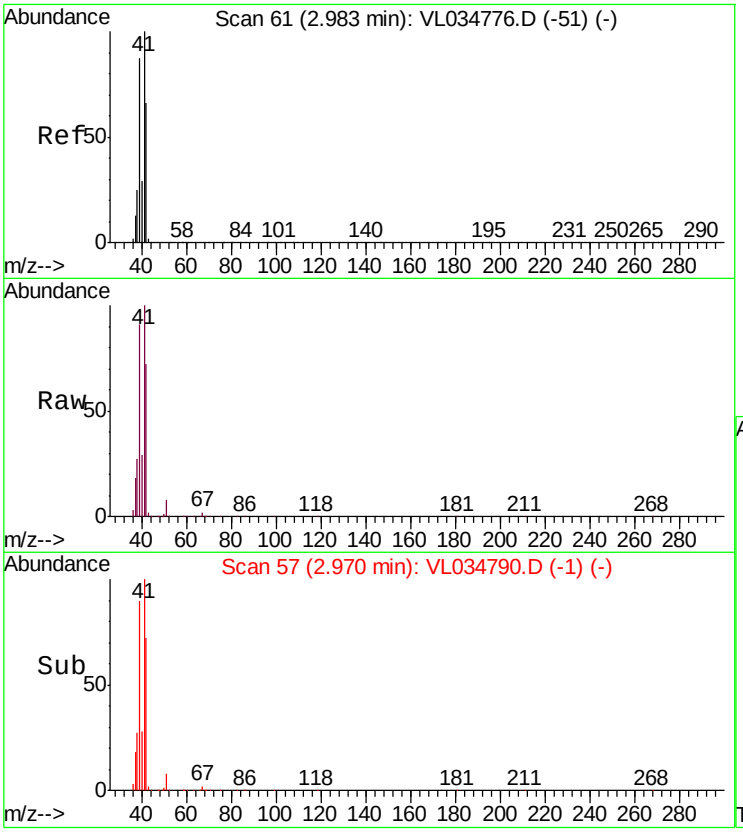


#8
Dichlorotetrafluoroethane
Concen: 9.167 ppbv
RT: 3.15 min Scan# 113
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 85 Resp: 1369034

Ion	Ratio	Lower	Upper
85	100		
135	62.2	49.4	74.2



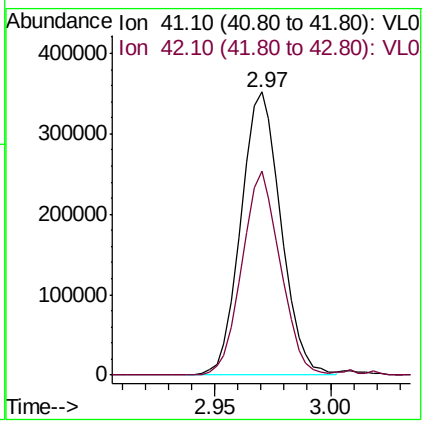


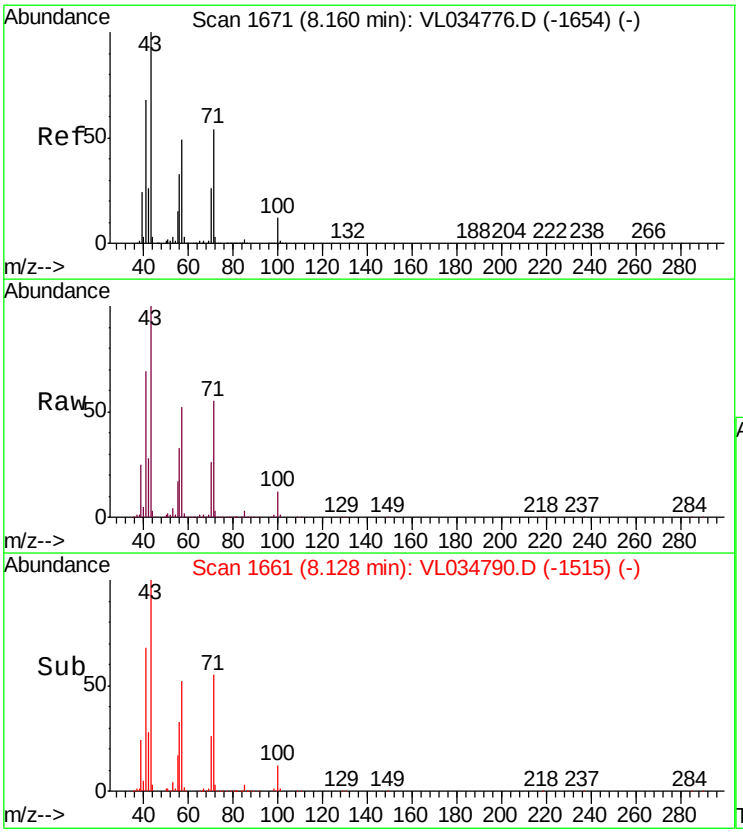
#9
Propene
Concen: 8.946 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.01 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 422592

Ion	Ratio	Lower	Upper
41	100		
42	70.5	55.6	83.4

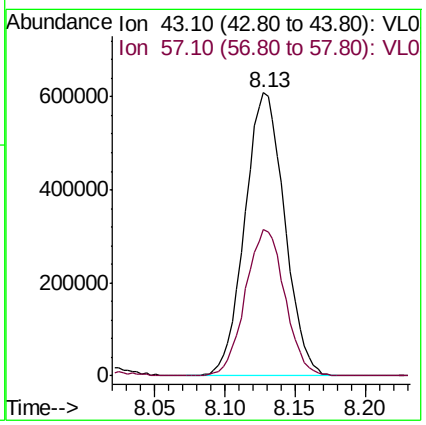


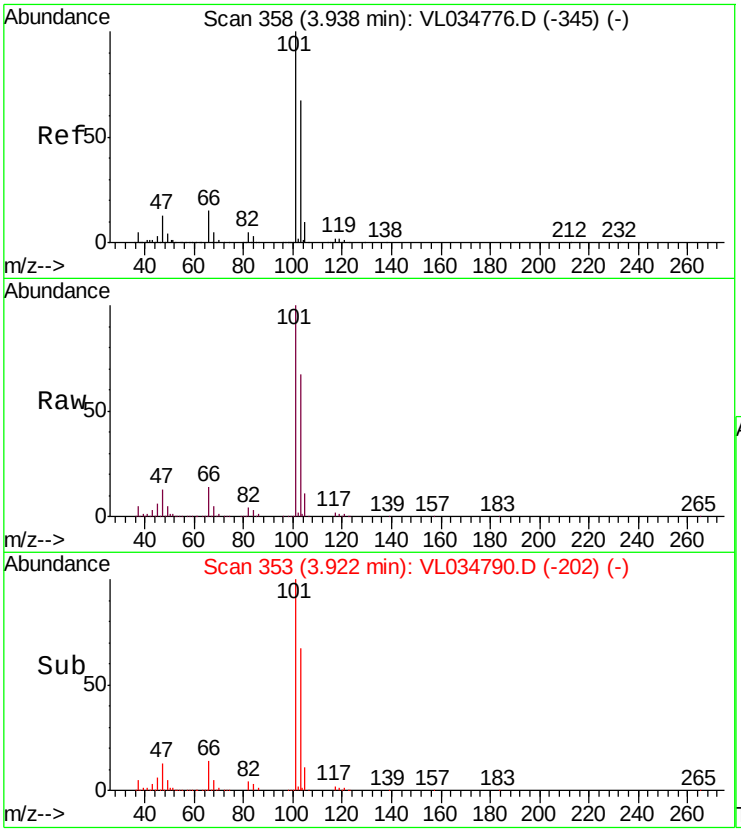


#10
Heptane
Concen: 9.971 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 43 Resp: 1196989

Ion	Ratio	Lower	Upper
43	100		
57	51.7	40.5	60.7



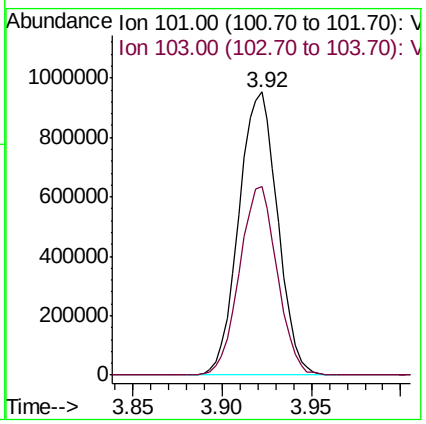


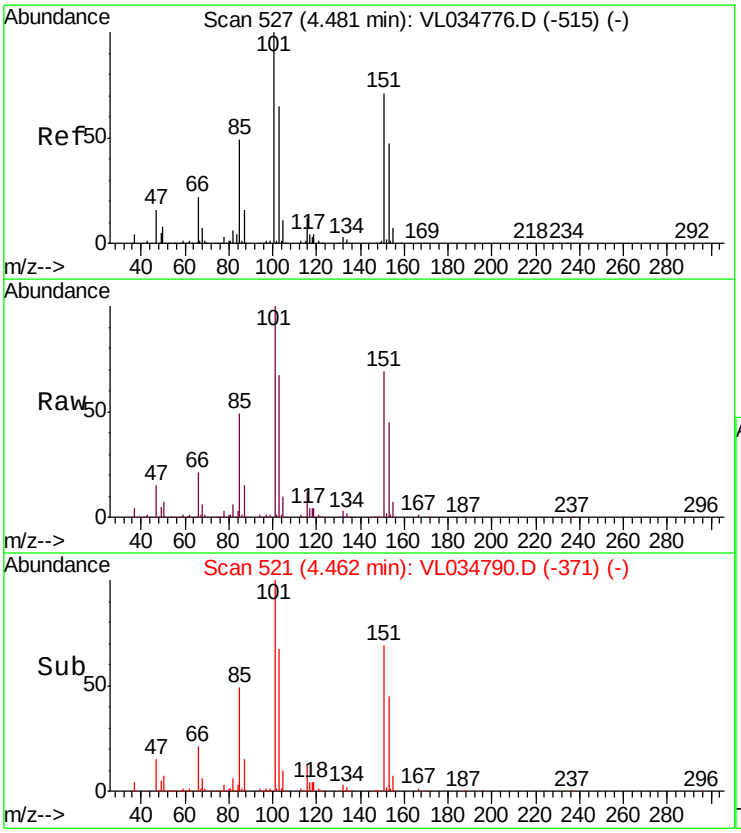
#11
Trichlorofluoromethane
Concen: 9.406 ppbv
RT: 3.92 min Scan# 353
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1446972

Ion	Ratio	Lower	Upper
101	100		
103	66.8	53.6	80.4

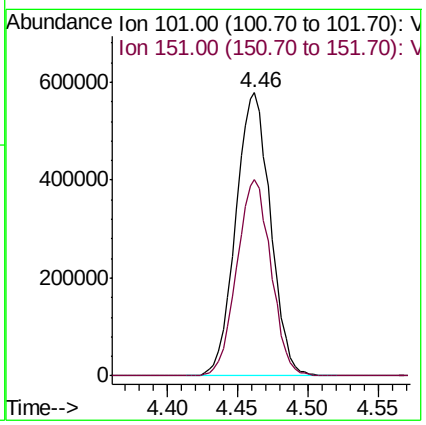


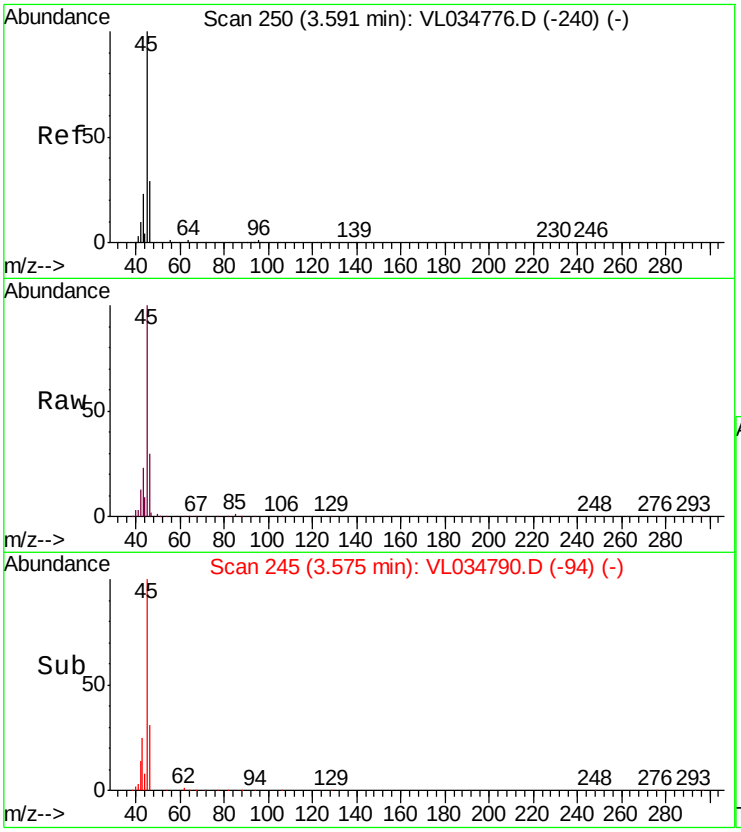


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.415 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:101 Resp: 999245

Ion	Ratio	Lower	Upper
101	100		
151	68.4	56.6	85.0



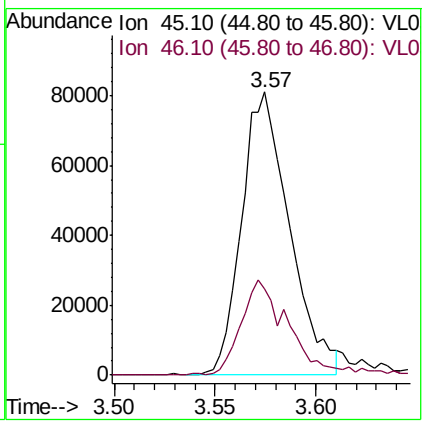


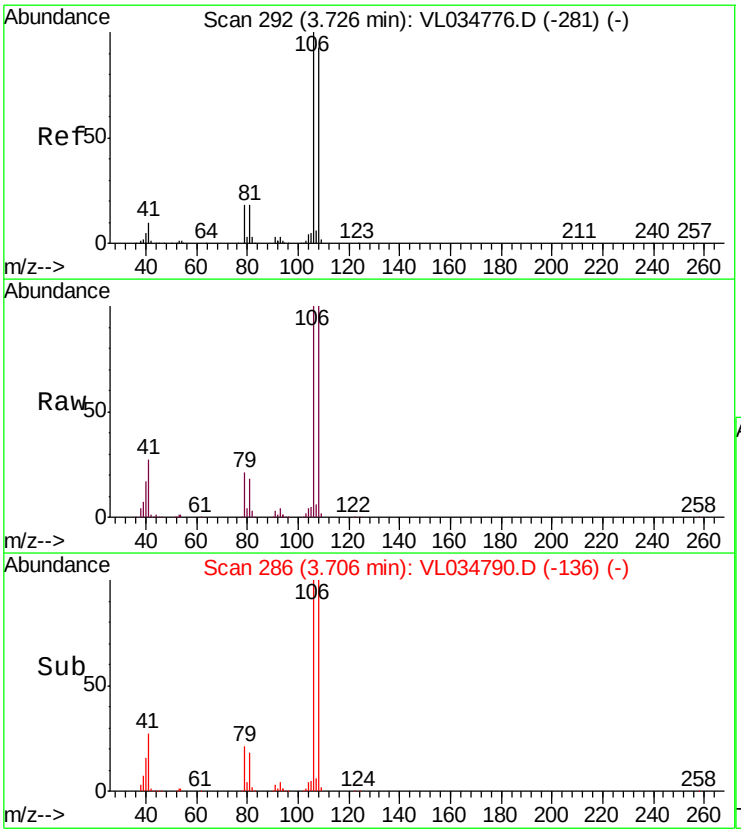
#13
Ethanol
Concen: 8.325 ppbv
RT: 3.57 min Scan# 245
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 134744

Ion	Ratio	Lower	Upper
45	100		
46	34.6	14.7	58.9

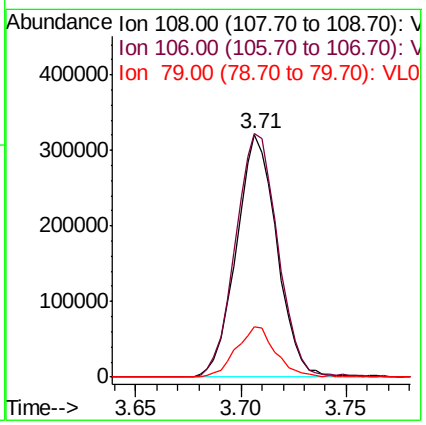


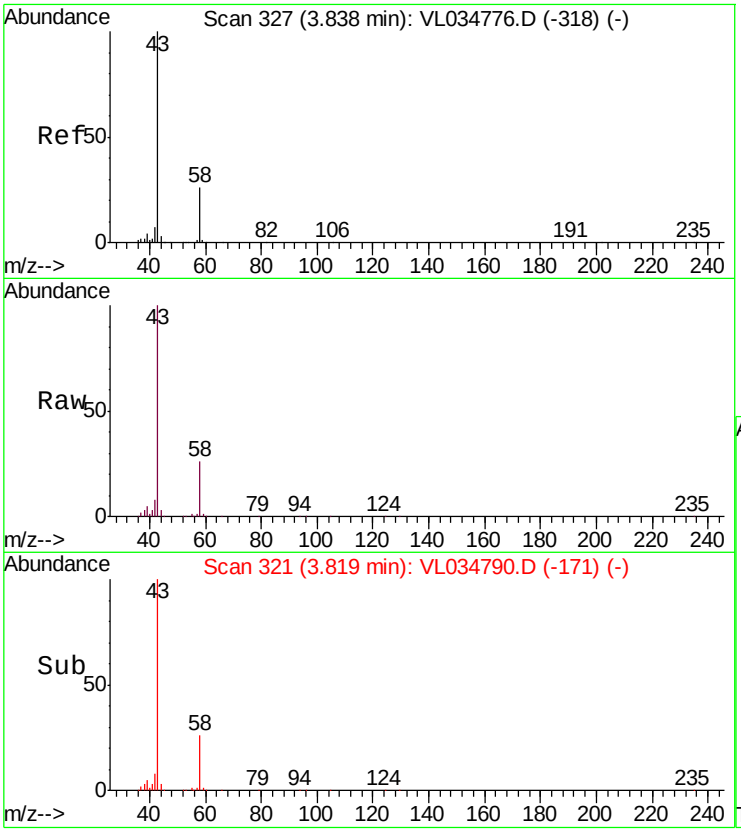


#14
Bromoethene
Concen: 9.823 ppbv
RT: 3.71 min Scan# 286
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:108 Resp: 427811

Ion	Ratio	Lower	Upper
108	100		
106	105.4	83.5	125.3
79	20.2	15.6	23.4



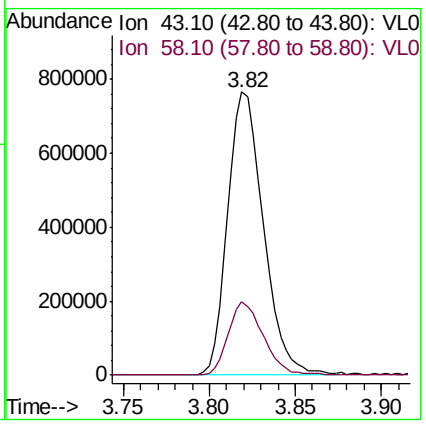


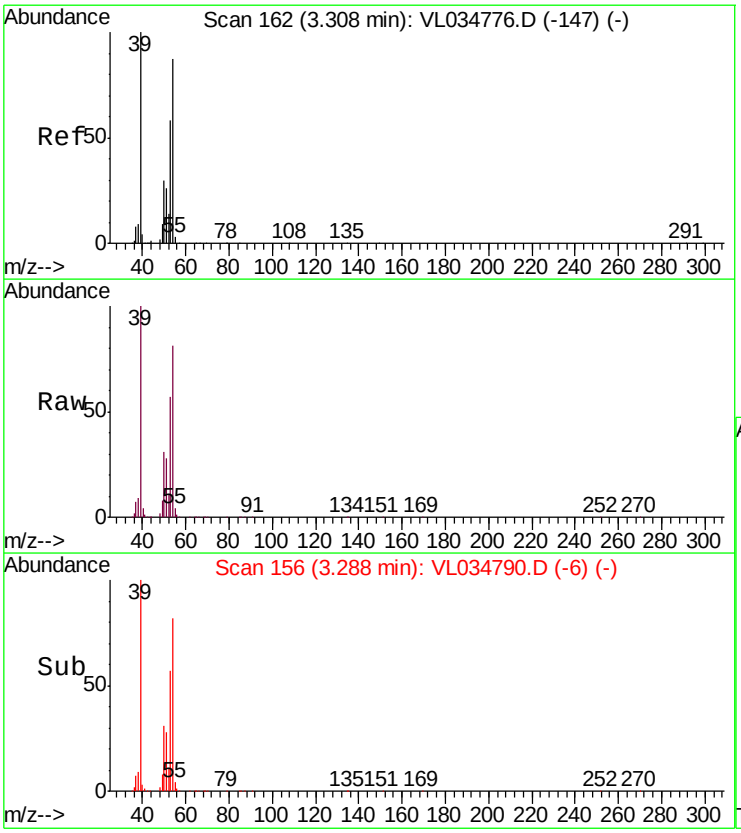
#15
Acetone
Concen: 8.779 ppbv
RT: 3.82 min Scan# 321
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1107425

Ion	Ratio	Lower	Upper
43	100		
58	25.6	21.0	31.6

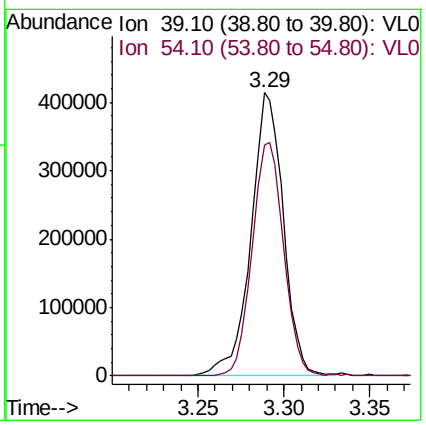


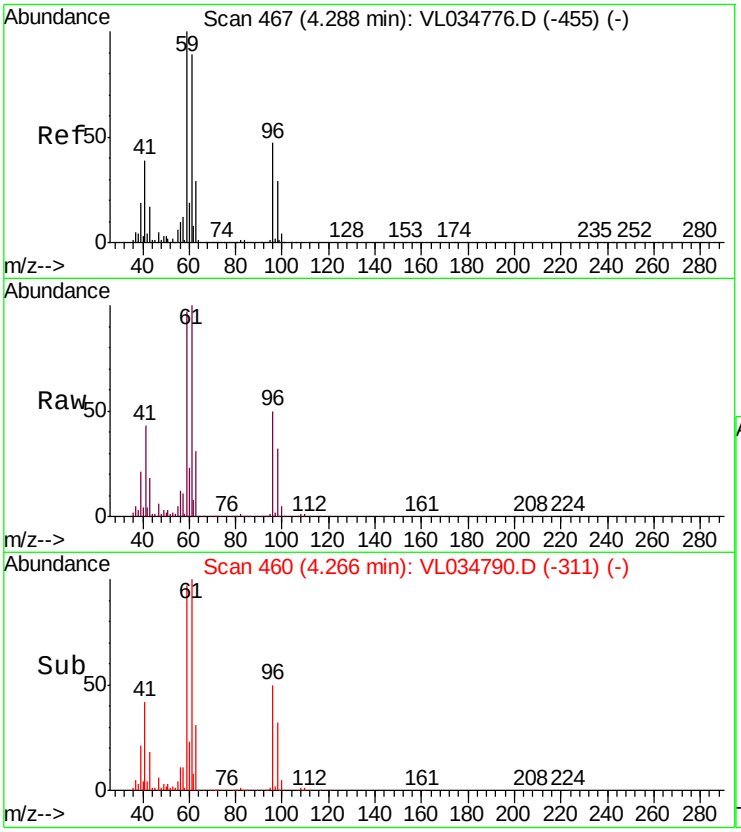


#16
1,3-Butadiene
Concen: 9.473 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 39 Resp: 540632

Ion	Ratio	Lower	Upper
39	100		
54	80.4	64.2	96.2



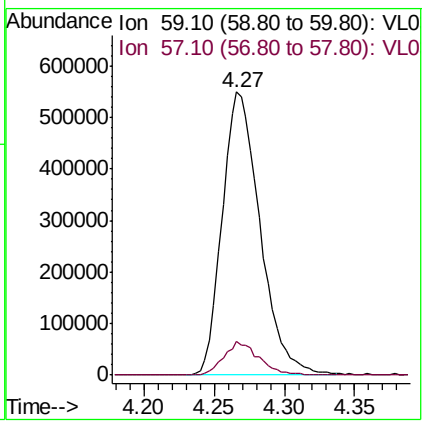


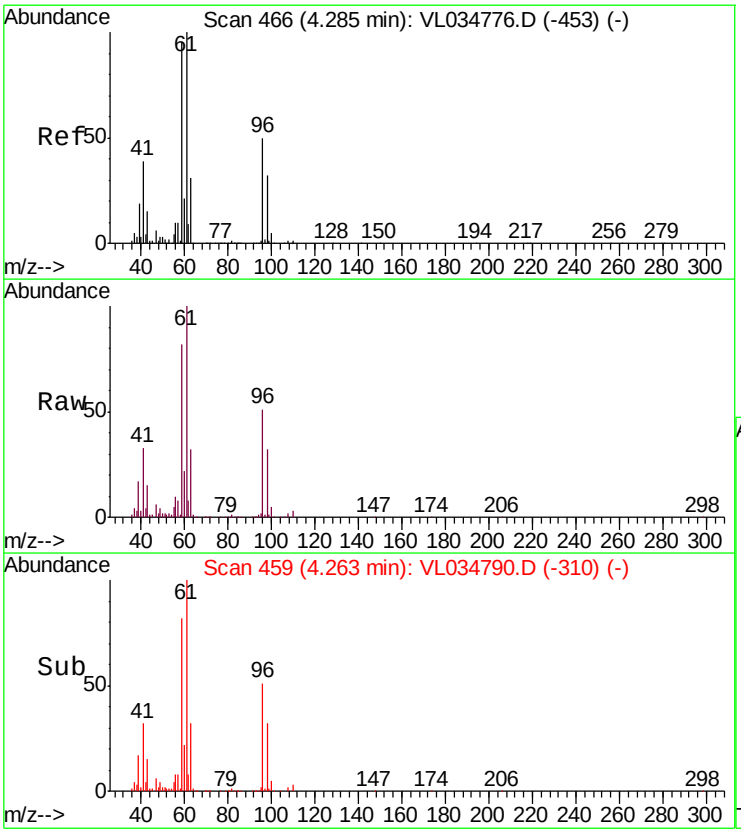
#17
tert-Butyl alcohol
Concen: 10.355 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1030016

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	13.0

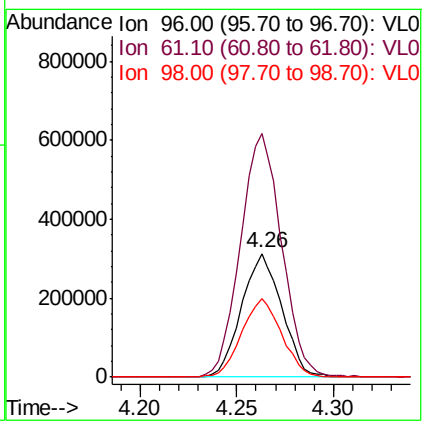


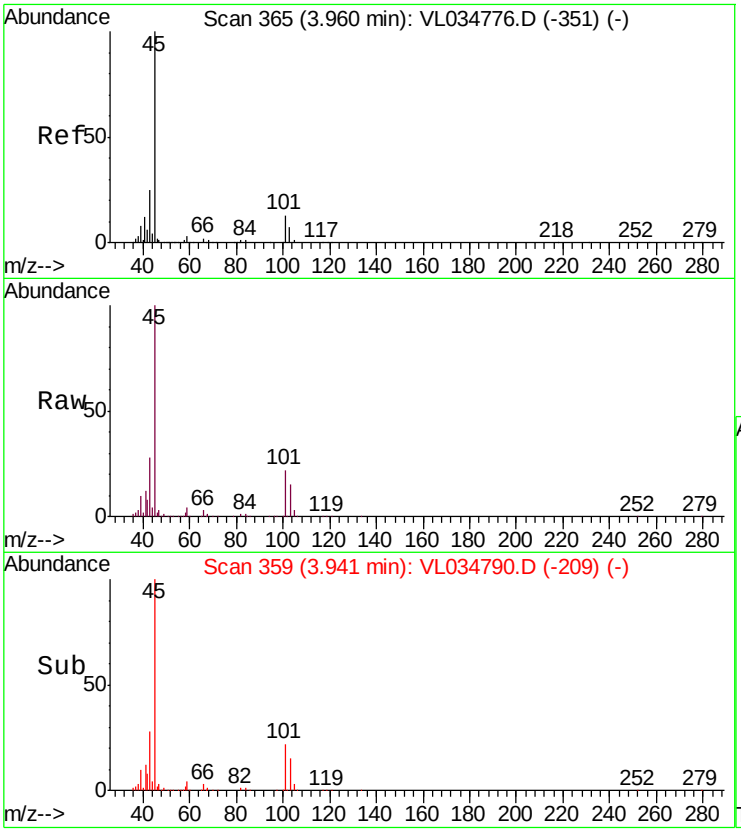


#18
1,1-Dichloroethene
Concen: 9.683 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 96 Resp: 453241

Ion	Ratio	Lower	Upper
96	100		
61	197.0	159.5	239.3
98	63.2	51.1	76.7



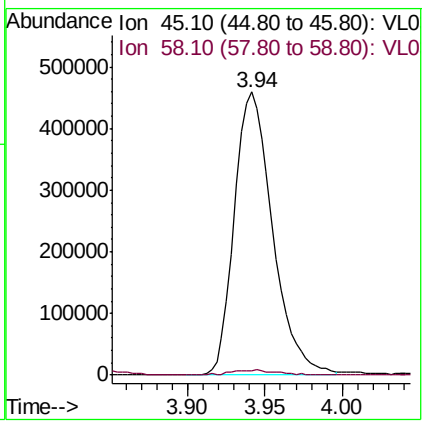


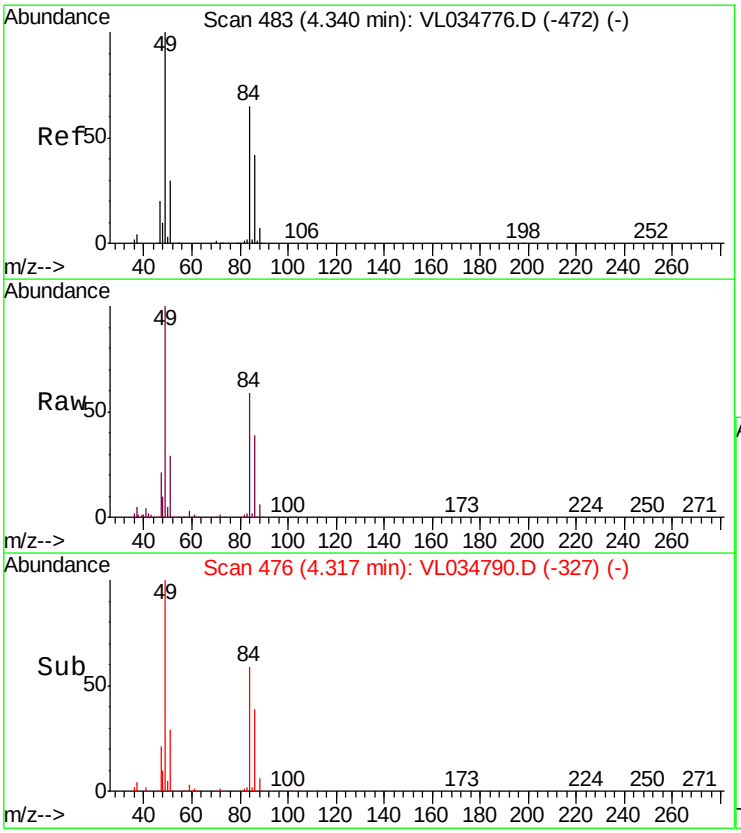
#19
Isopropyl Alcohol
Concen: 10.446 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 789528

Ion	Ratio	Lower	Upper
45	100		
58	2.1	1.8	2.8

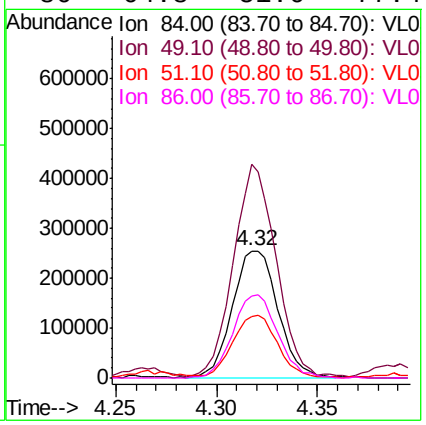


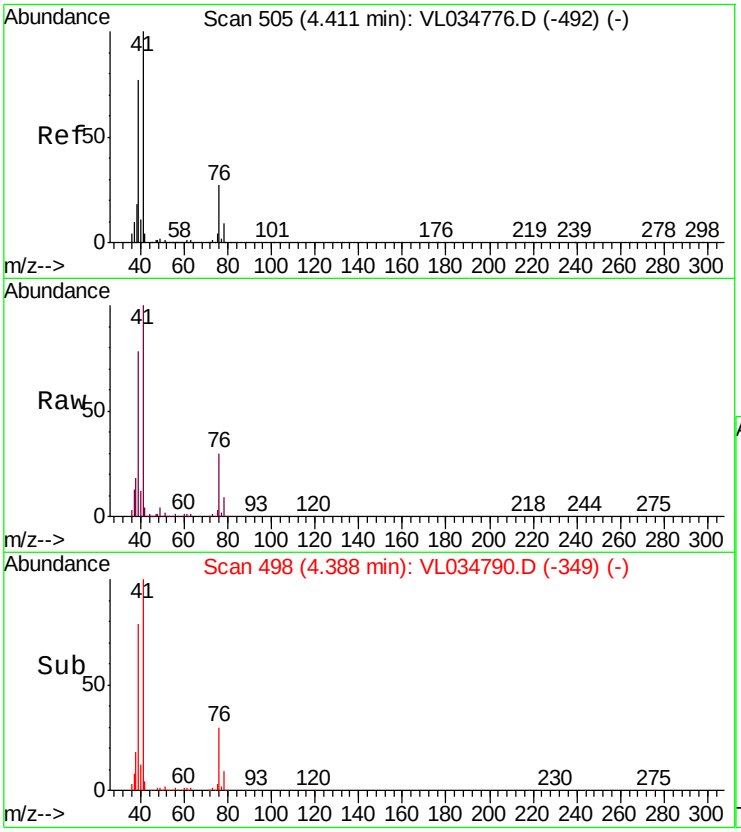


#20
Methylene Chloride
Concen: 8.973 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 84 Resp: 403986

Ion	Ratio	Lower	Upper
84	100		
49	166.9	123.2	184.8
51	48.2	37.4	56.2
86	64.8	51.6	77.4



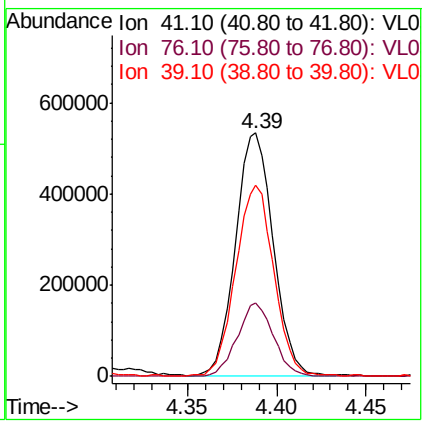


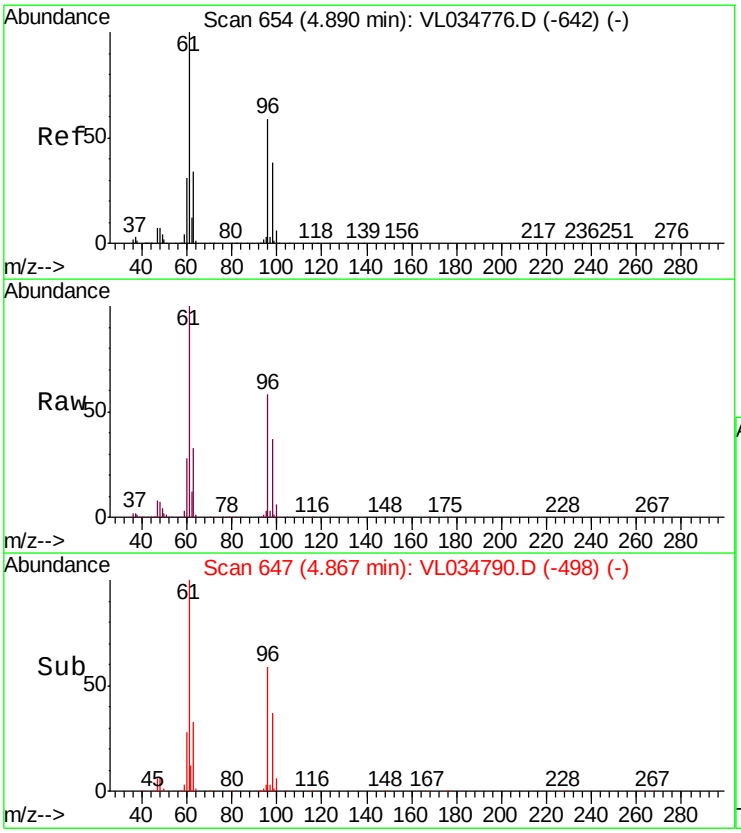
#21
Allyl Chloride
Concen: 9.813 ppbv
RT: 4.39 min Scan# 498
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 783910

Ion	Ratio	Lower	Upper
41	100		
76	29.2	22.5	33.7
39	79.7	65.0	97.6

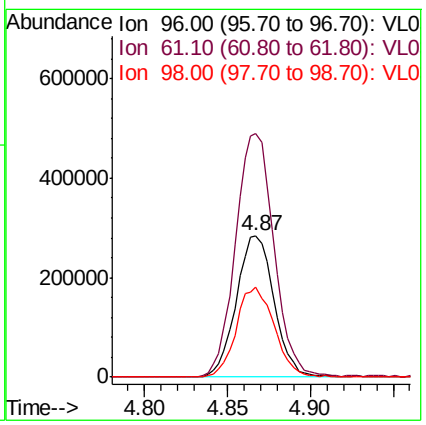


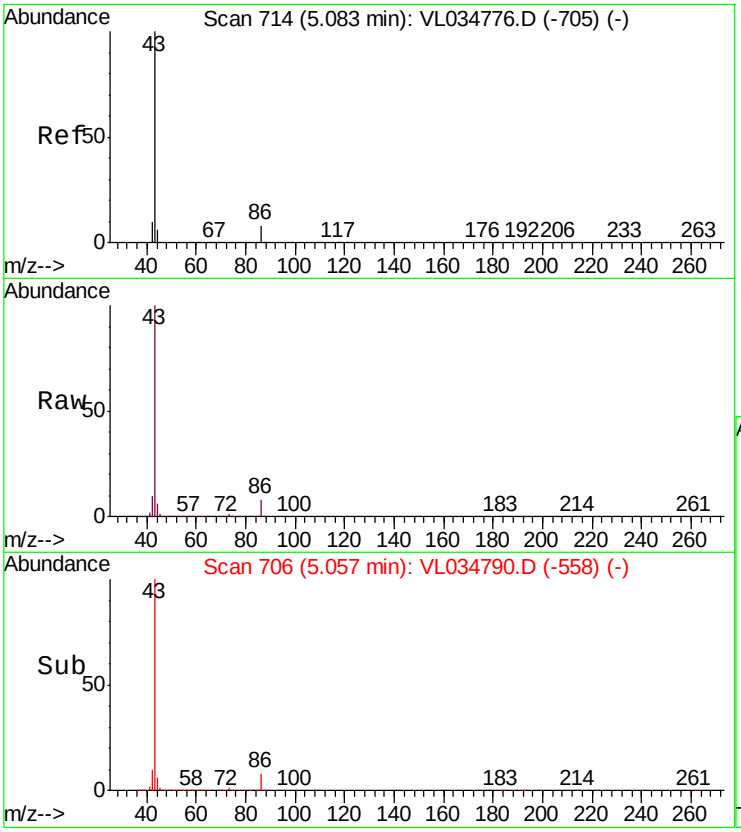


#22
trans-1,2-Dichloroethene
Concen: 9.843 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 96 Resp: 449793

Ion	Ratio	Lower	Upper
96	100		
61	172.3	135.2	202.8
98	63.2	50.8	76.2



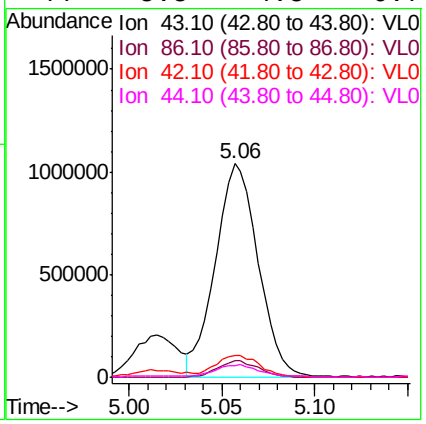


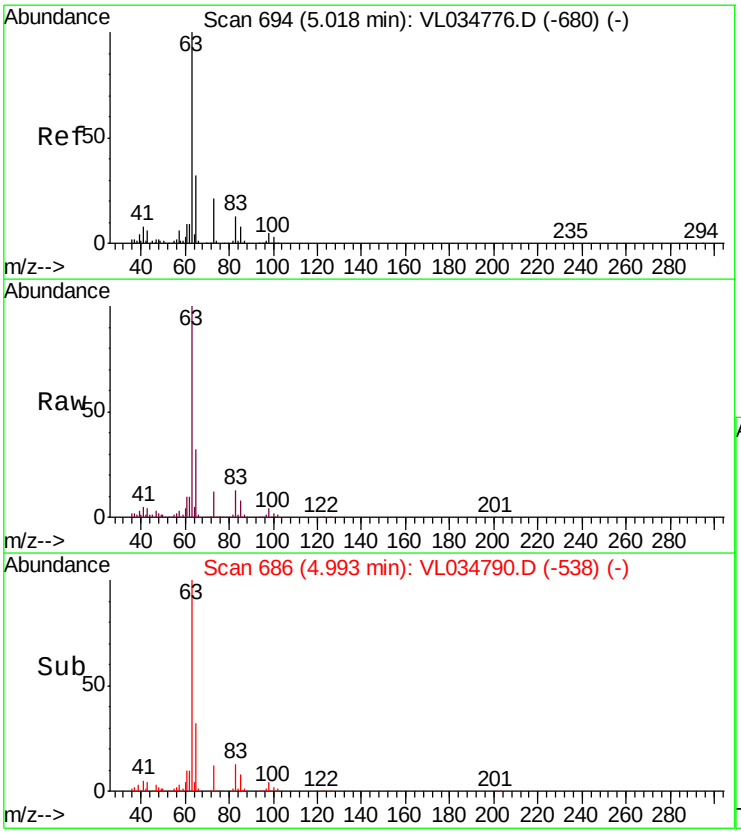
#23
Vinyl Acetate
Concen: 9.803 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1658200

Ion	Ratio	Lower	Upper
43	100		
86	8.0	5.9	8.9
42	10.2	8.2	12.2
44	5.5	4.5	6.7

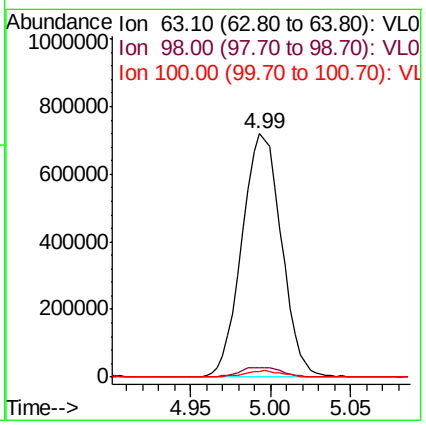


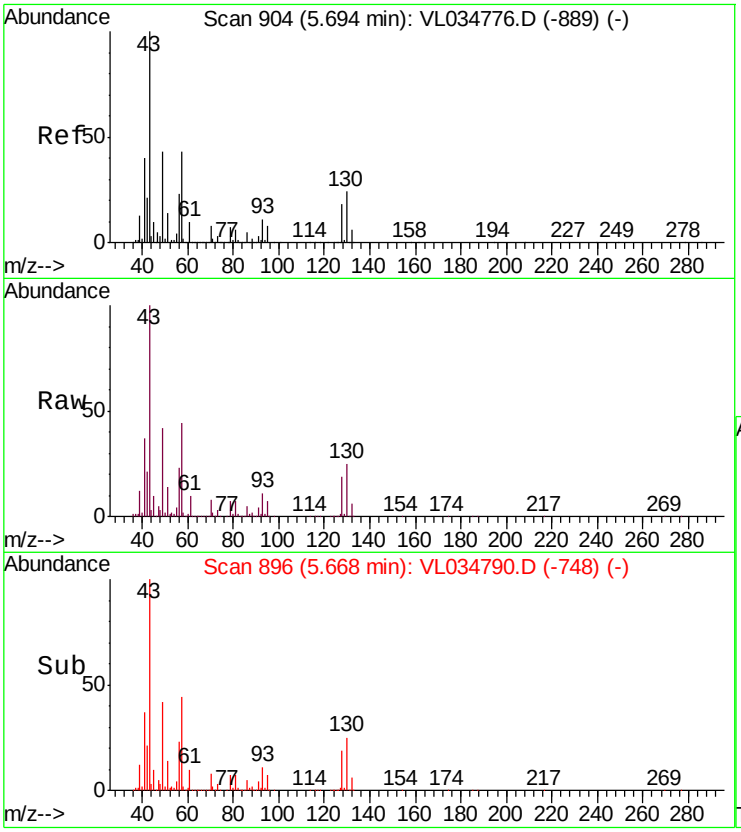


#24
1,1-Dichloroethane
Concen: 9.211 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 63 Resp: 1209316

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.3	6.8
100	2.5	1.5	4.4



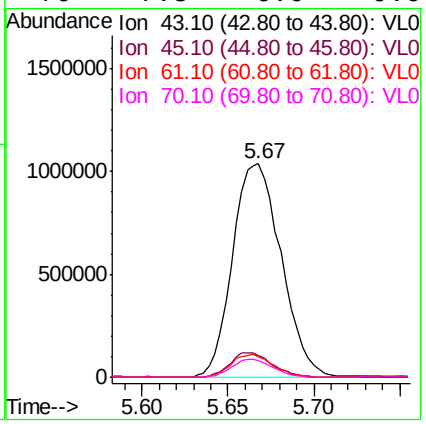


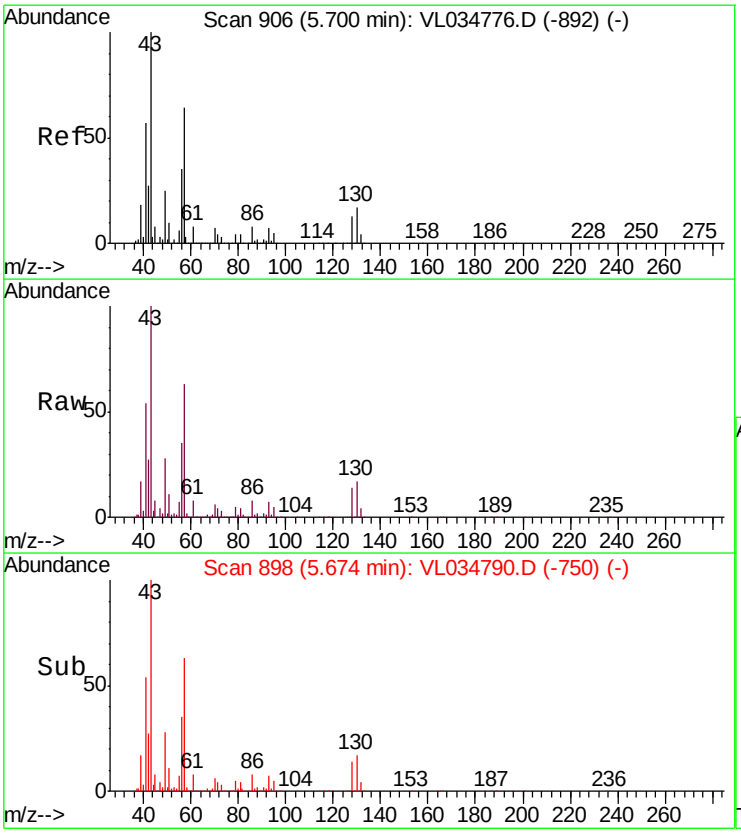
#25
Ethyl Acetate
Concen: 9.338 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2035420

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.4	7.5	11.3
70	7.3	6.0	9.0

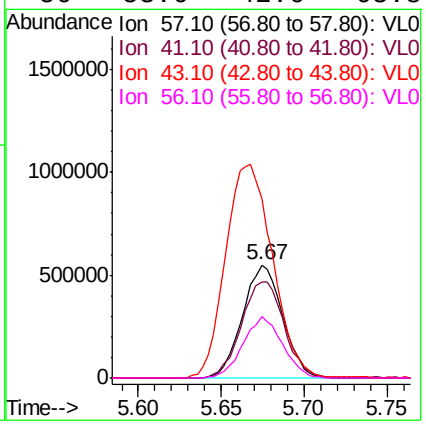


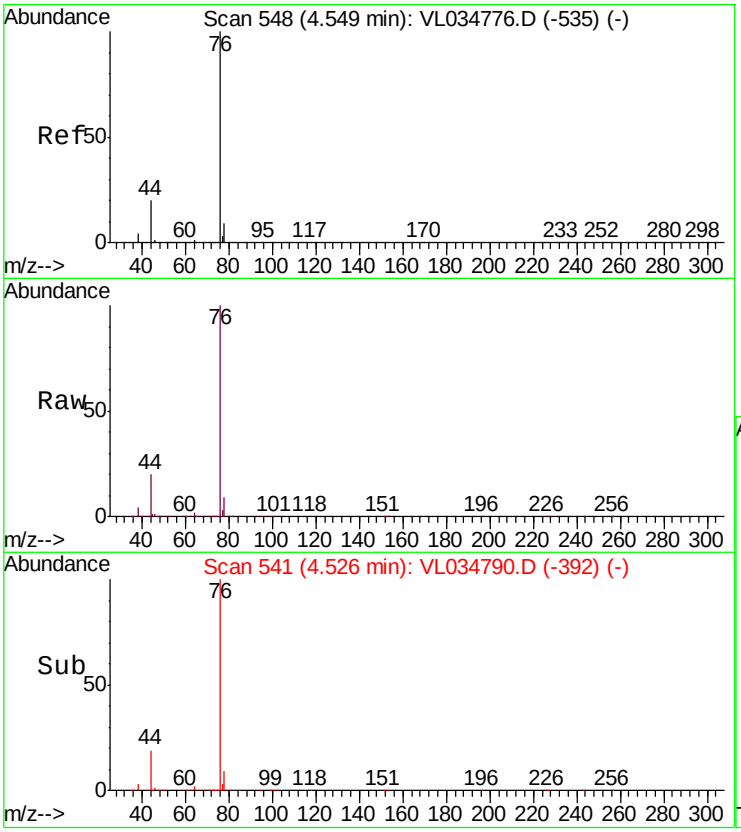


#26
Hexane
Concen: 9.694 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 57 Resp: 923105

Ion	Ratio	Lower	Upper
57	100		
41	91.2	72.0	108.0
43	222.8	179.1	268.7
56	53.6	42.6	63.8



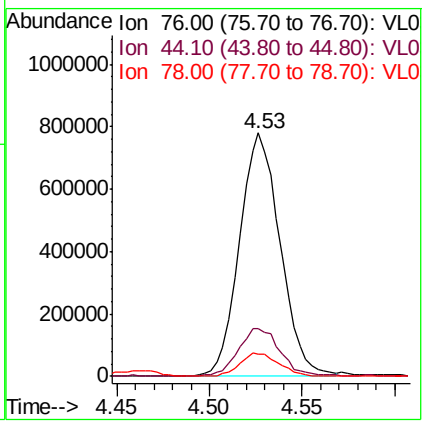


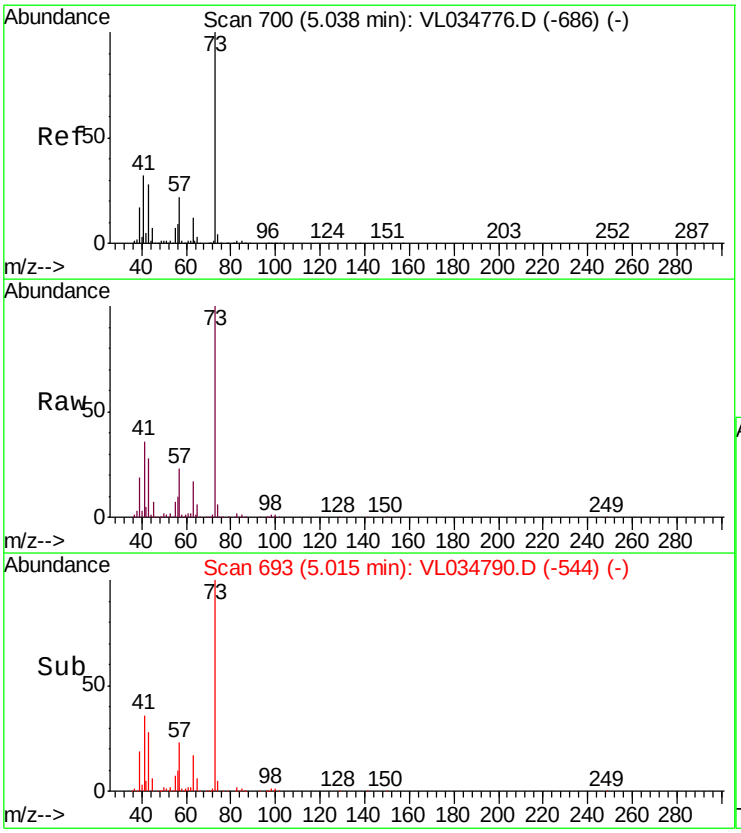
#27
Carbon Disulfide
Concen: 10.655 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1185392

Ion	Ratio	Lower	Upper
76	100		
44	20.3	16.1	24.1
78	9.5	7.5	11.3

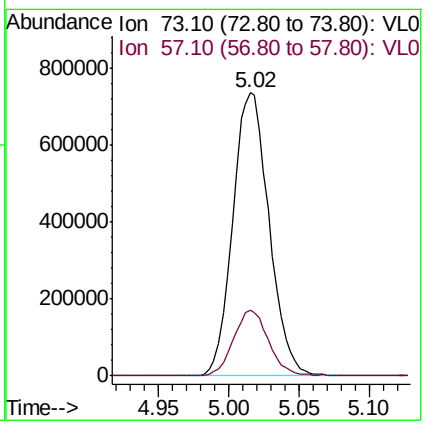


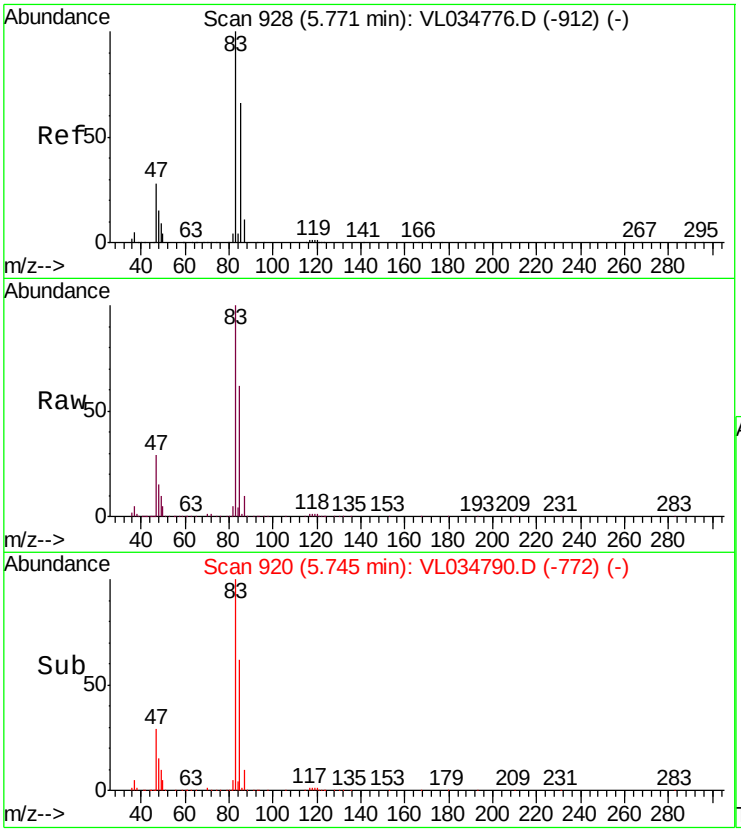


#28
Methyl tert-Butyl Ether
Concen: 9.355 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 73 Resp: 1325936

Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.5	27.7



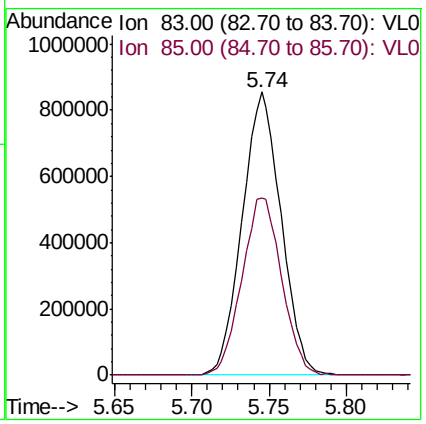


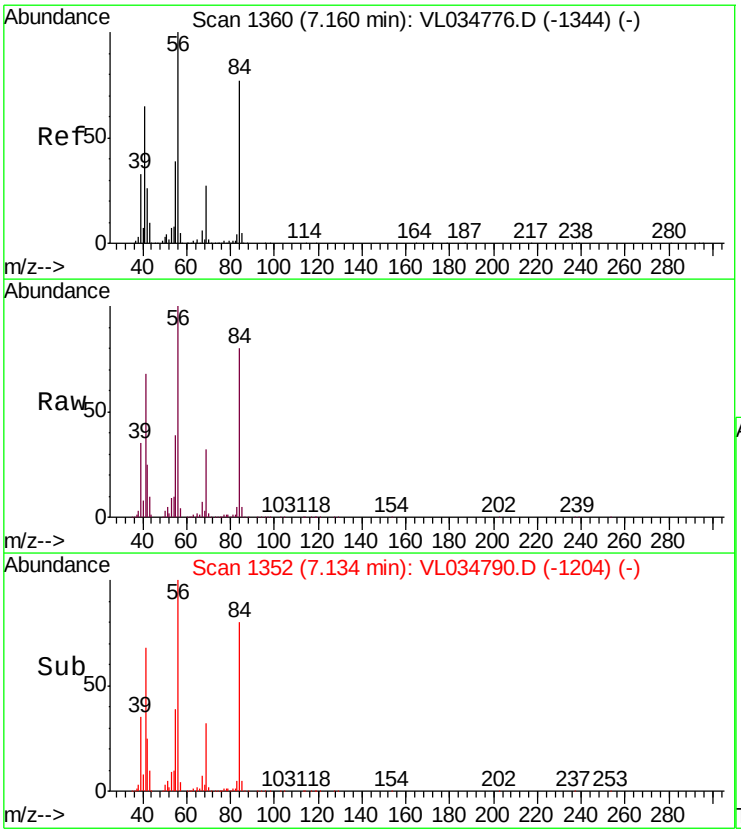
#29
Chloroform
Concen: 9.336 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1496598

Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.0	79.4

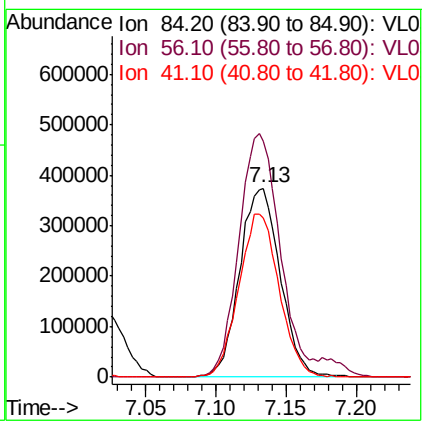


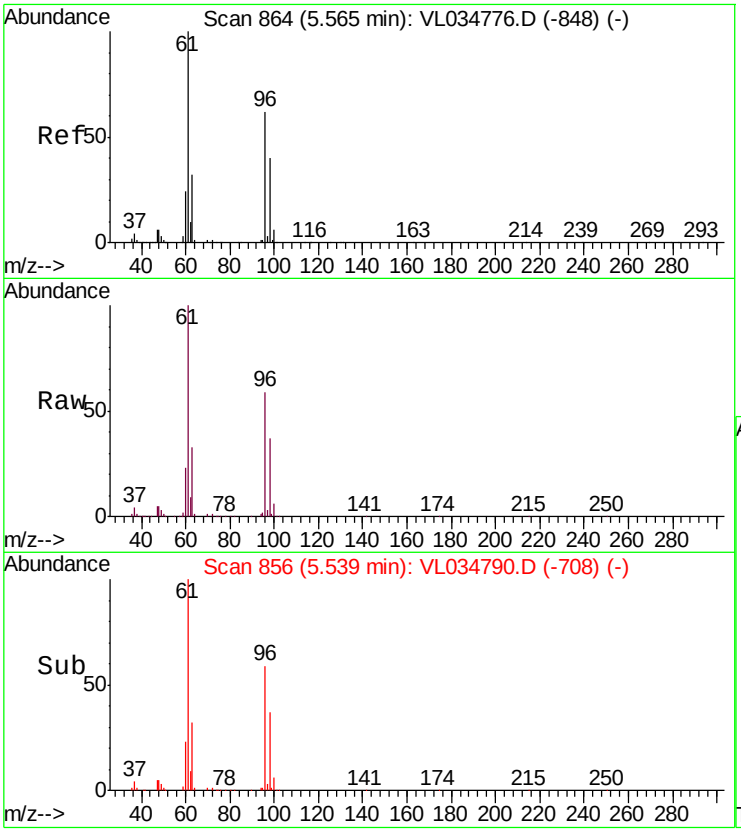


#30
Cyclohexane
Concen: 10.355 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 84 Resp: 754372

Ion	Ratio	Lower	Upper
84	100		
56	137.1	113.2	169.8
41	86.0	70.2	105.4



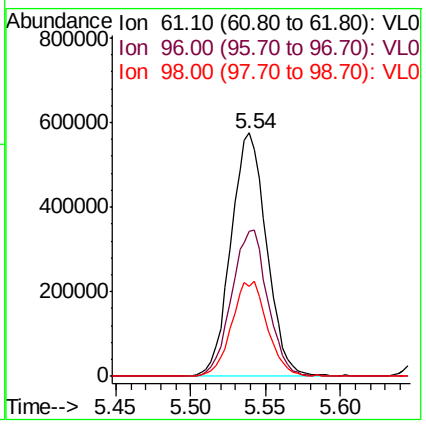


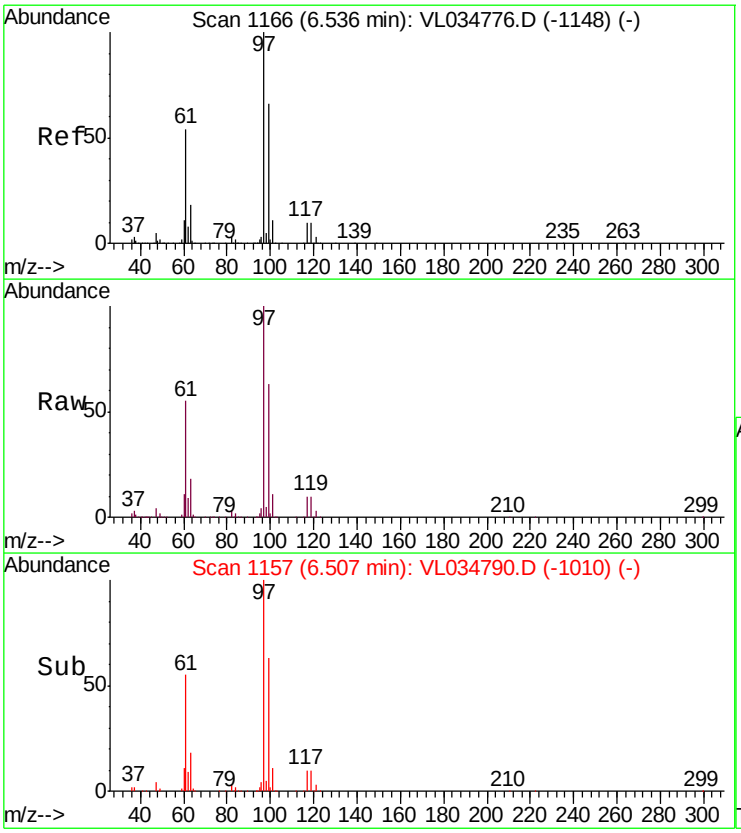
#31
cis-1,2-Dichloroethene
Concen: 9.767 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 954003

Ion	Ratio	Lower	Upper
61	100		
96	59.4	49.7	74.5
98	37.2	31.9	47.9

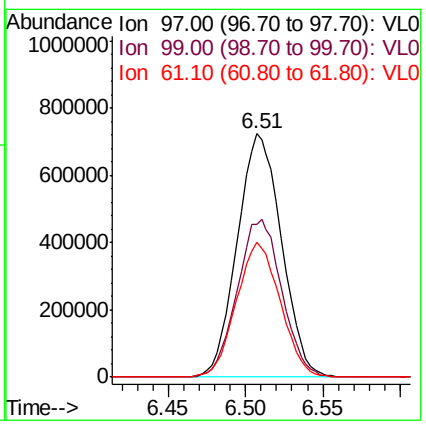


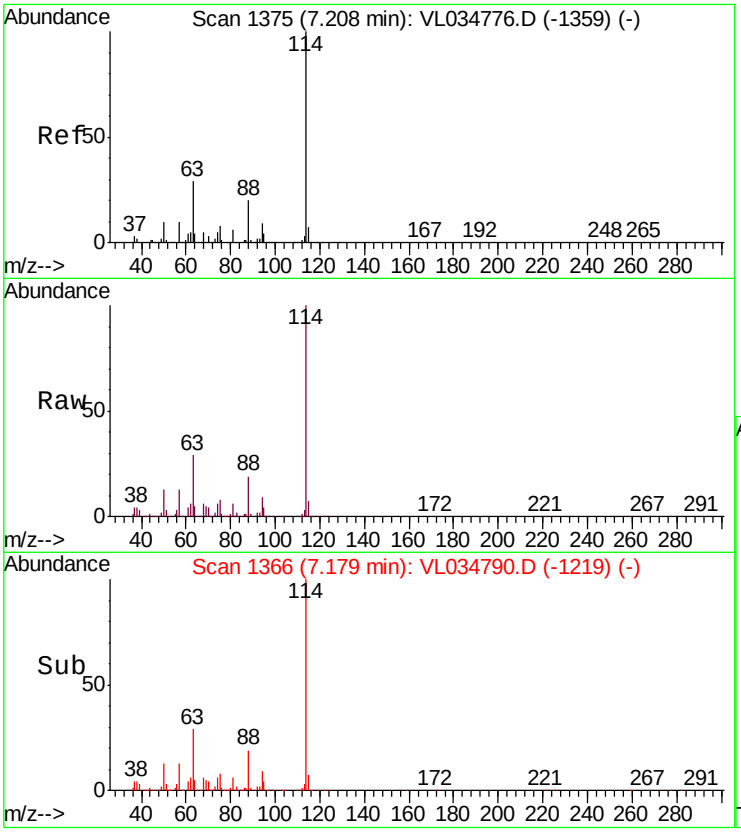


#32
1,1,1-Trichloroethane
Concen: 9.083 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 97 Resp: 1438724

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	55.0	43.4	65.0



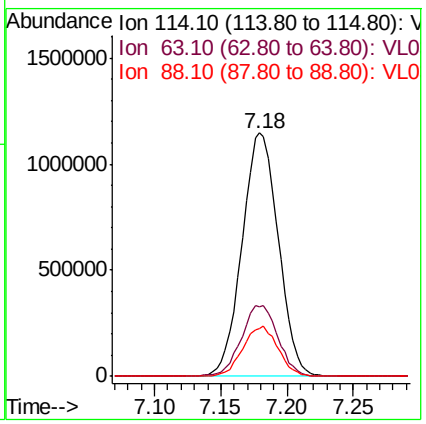


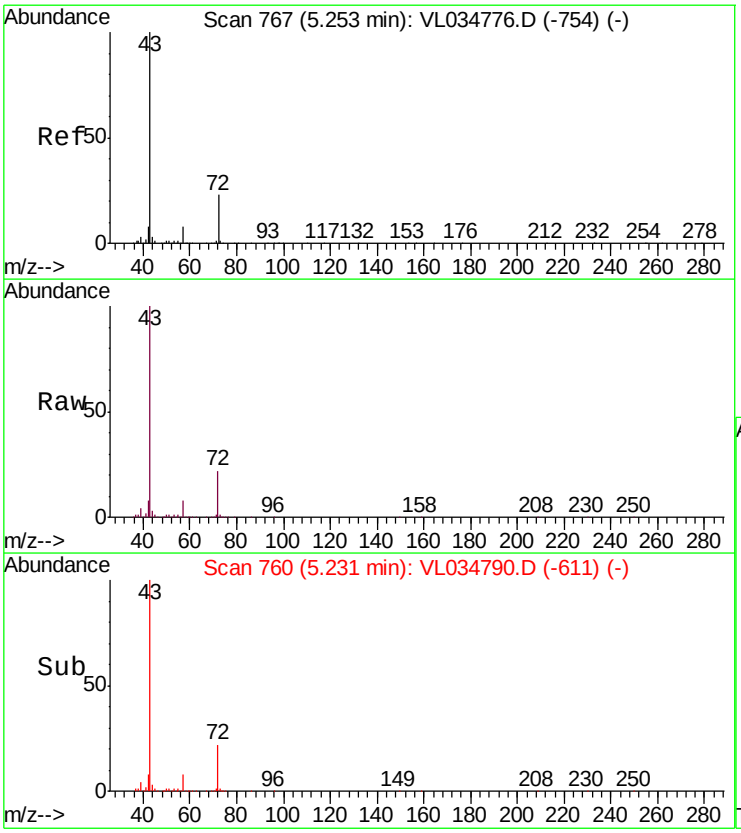
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2182639

Ion	Ratio	Lower	Upper
114	100		
63	29.8	23.6	35.4
88	20.0	15.8	23.8

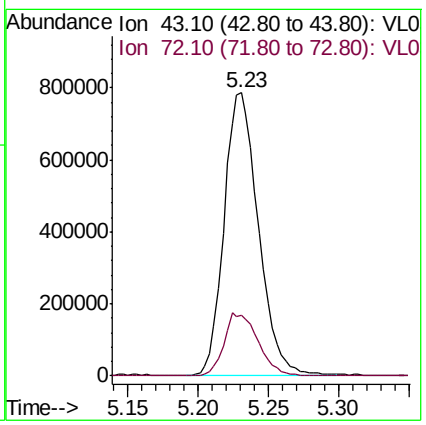


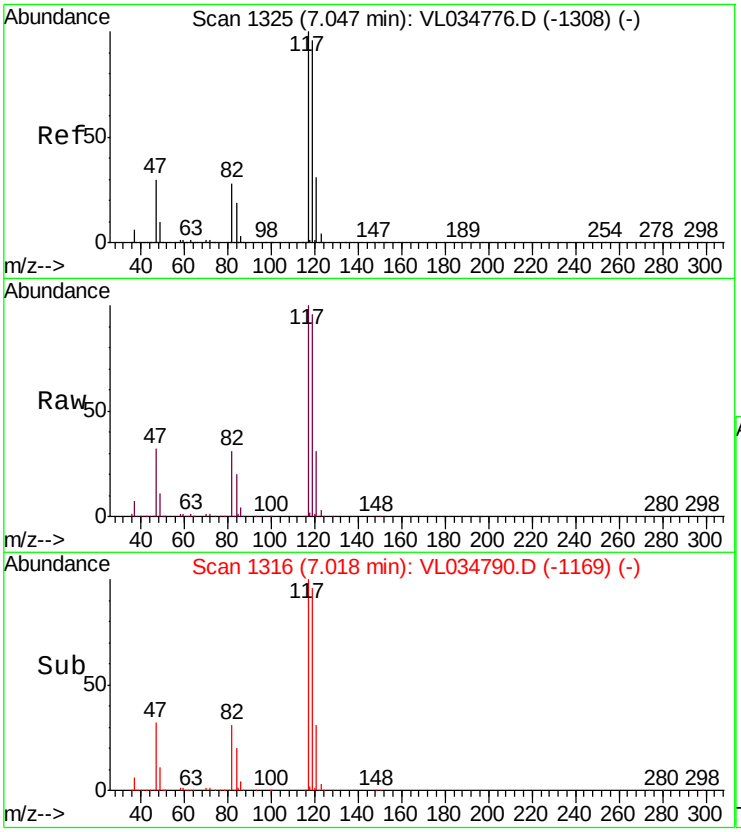


#34
2-Butanone
Concen: 9.389 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.02 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 43 Resp: 1333193

Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.5	26.3



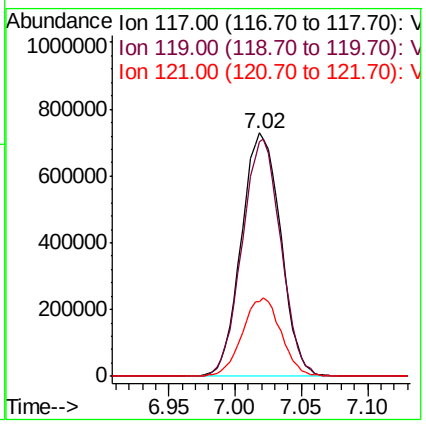


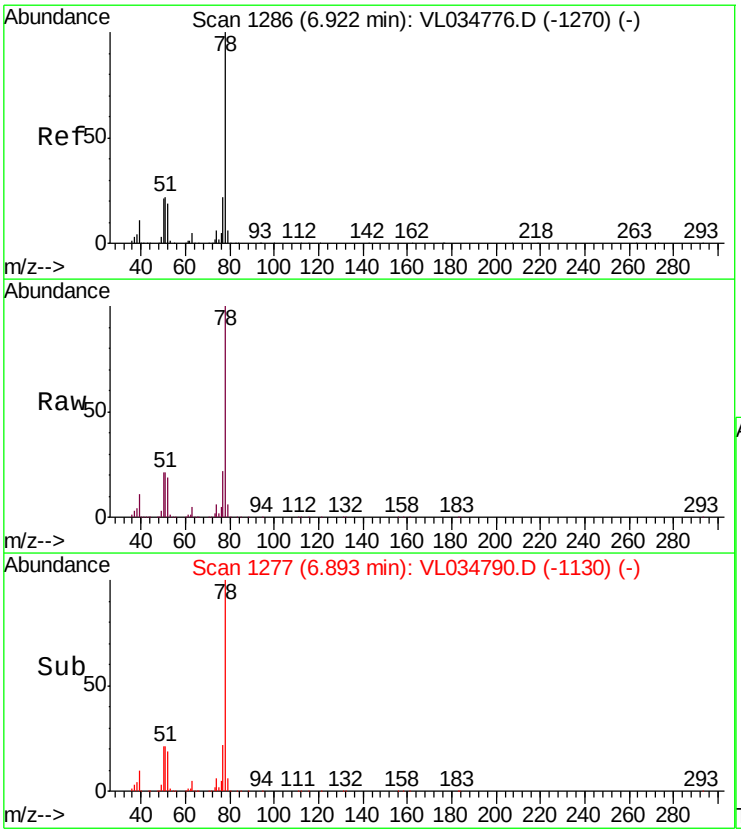
#35
Carbon Tetrachloride
Concen: 9.158 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1508327

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.8	115.2
121	30.6	24.6	37.0

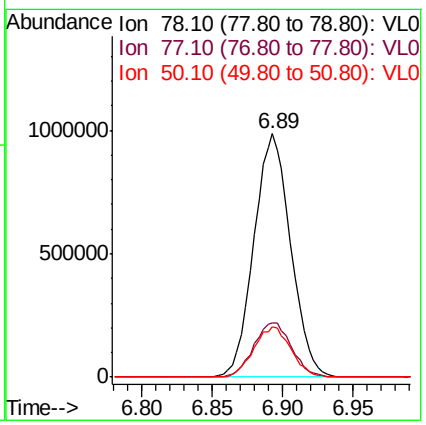


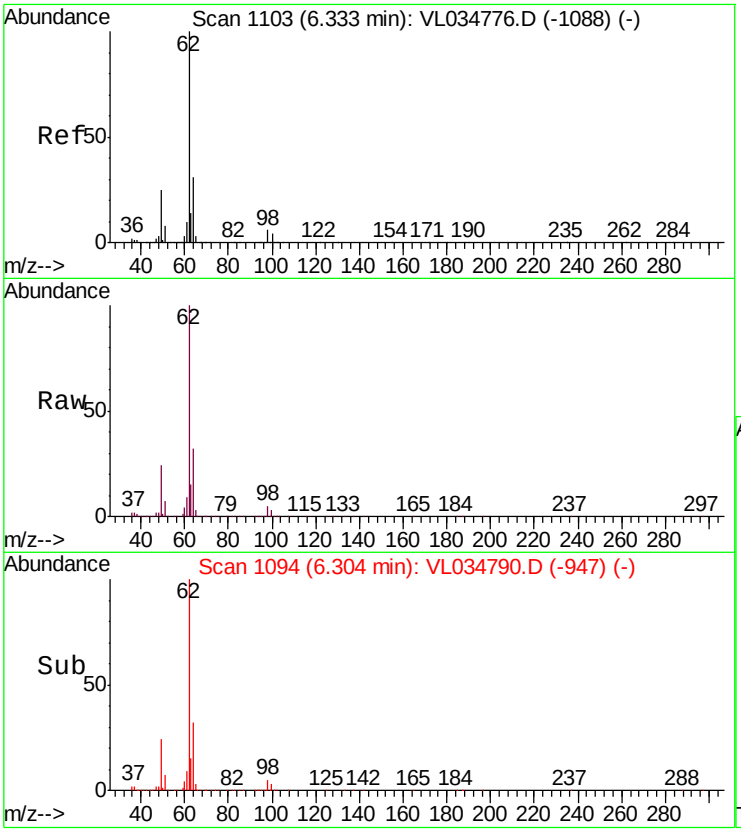


#36
Benzene
Concen: 9.616 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 78 Resp: 1793553

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.0	27.0
50	20.7	16.9	25.3



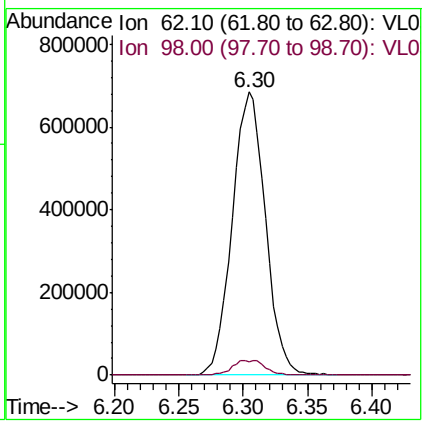


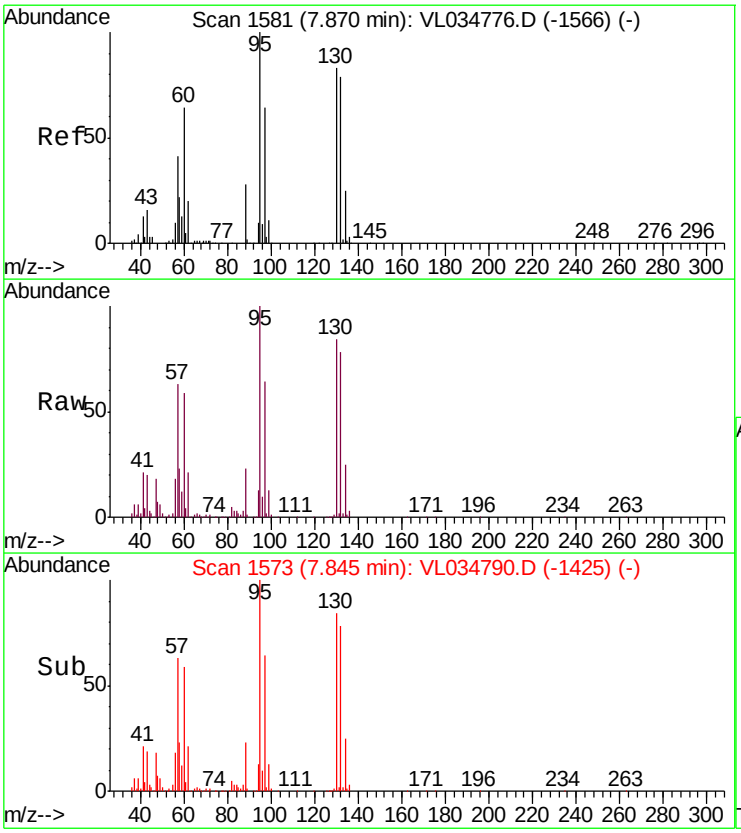
#37
1,2-Dichloroethane
Concen: 9.624 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 1226057

Ion	Ratio	Lower	Upper
62	100		
98	5.2	4.4	6.6

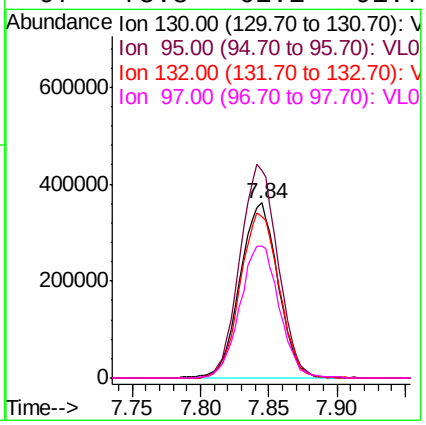


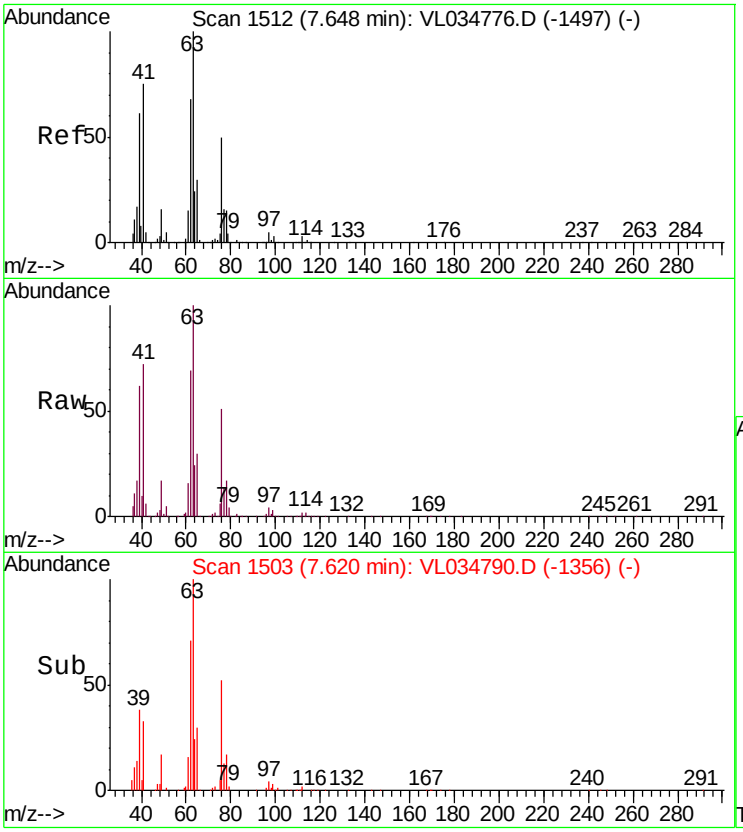


#38
Trichloroethene
Concen: 9.522 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:130 Resp: 692163

Ion	Ratio	Lower	Upper
130	100		
95	118.7	95.8	143.8
132	92.0	76.1	114.1
97	75.8	61.1	91.7



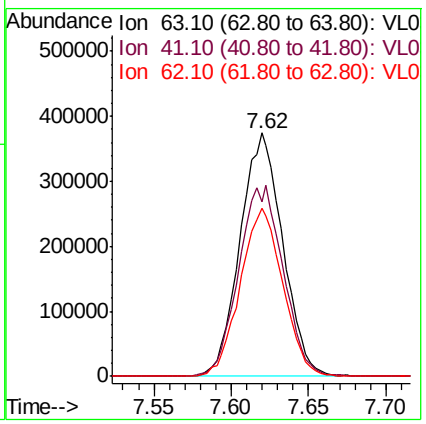


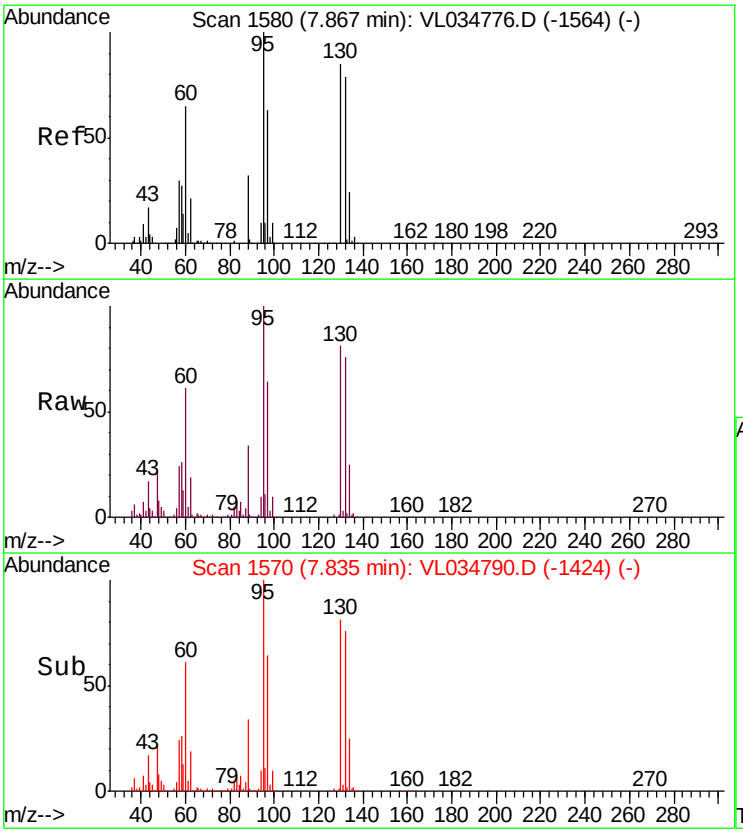
#39
1,2-Dichloropropane
Concen: 9.520 ppbv
RT: 7.62 min Scan# 1503
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 63 Resp: 716556

Ion	Ratio	Lower	Upper
63	100		
41	71.4	60.3	90.5
62	69.0	54.5	81.7

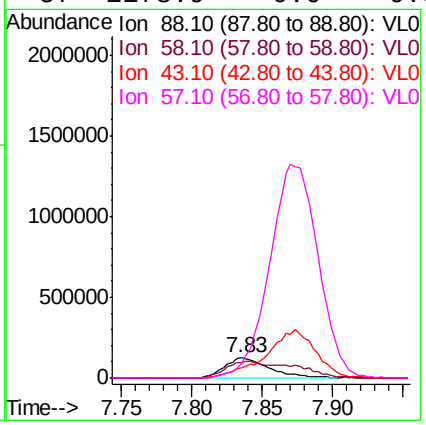


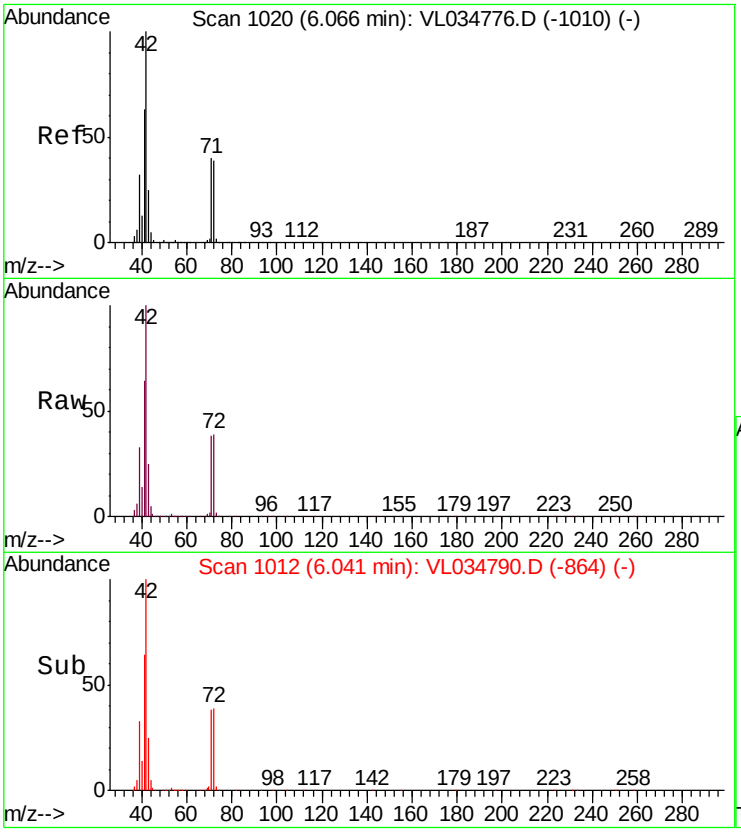


#40
1,4-Dioxane
Concen: 10.328 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 88 Resp: 268870

Ion	Ratio	Lower	Upper
88	100		
58	136.2	110.6	166.0
43	275.1	0.0	0.0#
57	1178.9	0.0	0.0#



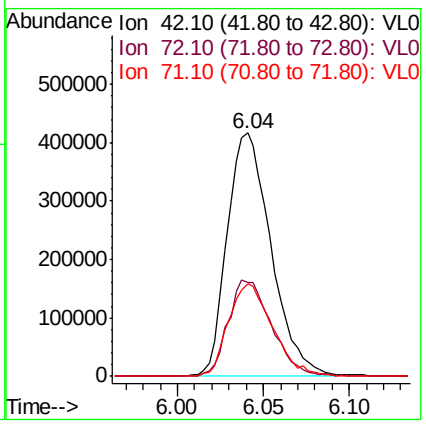


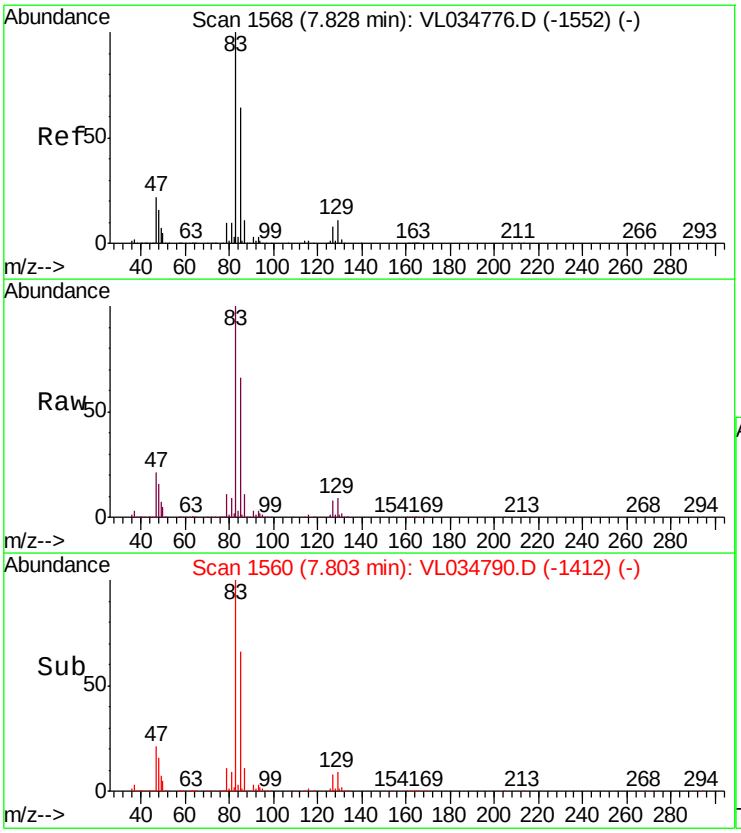
#41
Tetrahydrofuran
Concen: 10.180 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 42 Resp: 737531

Ion	Ratio	Lower	Upper
42	100		
72	39.2	32.0	48.0
71	38.2	31.3	46.9

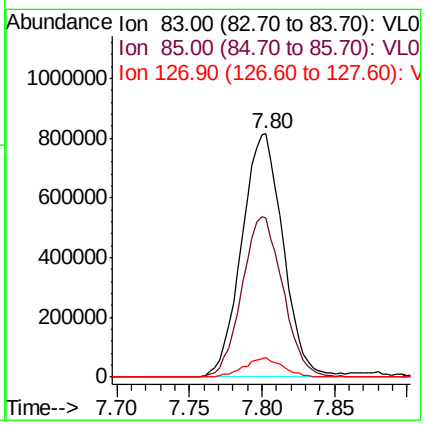


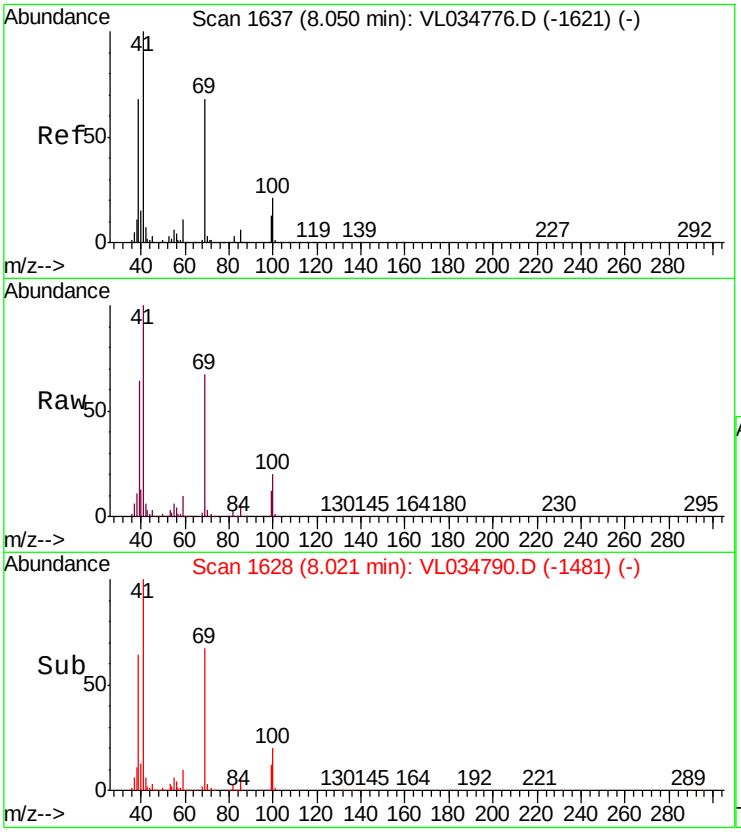


#42
Bromodichloromethane
Concen: 10.019 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 83 Resp: 1615002

Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.8	76.2
127	8.1	6.5	9.7



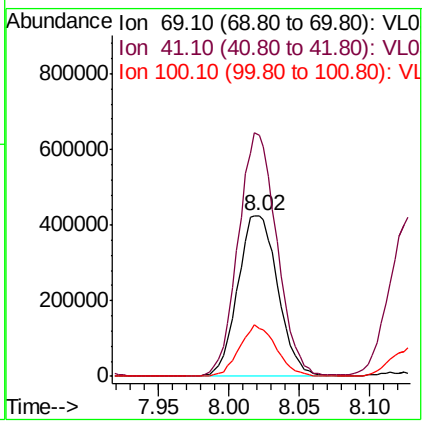


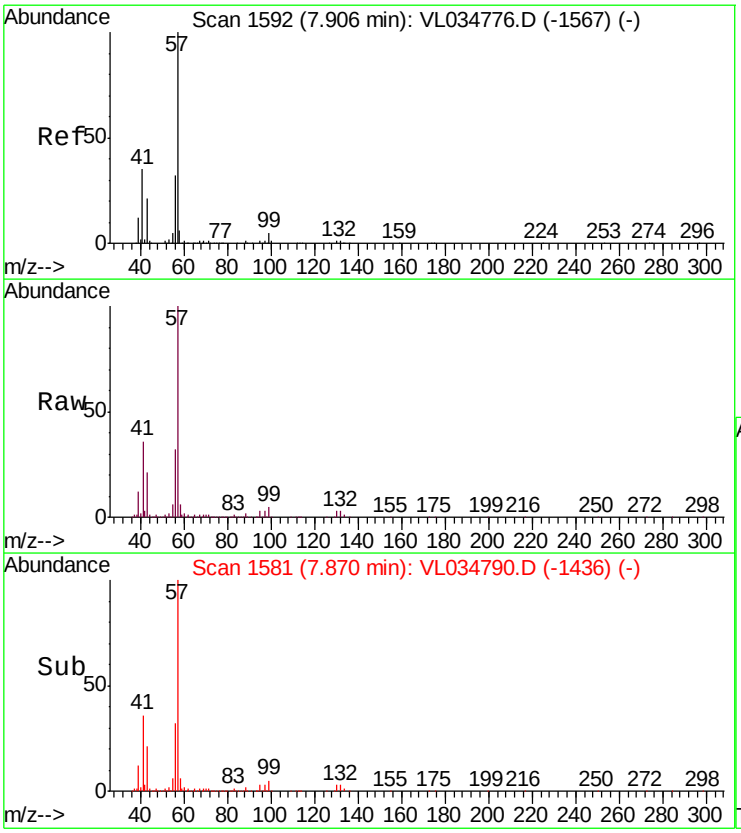
#43
Methyl Methacrylate
Concen: 10.710 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 69 Resp: 846463

Ion	Ratio	Lower	Upper
69	100		
41	146.1	121.6	182.4
100	29.5	23.8	35.8

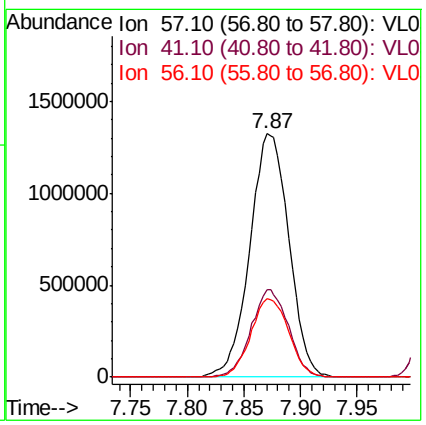


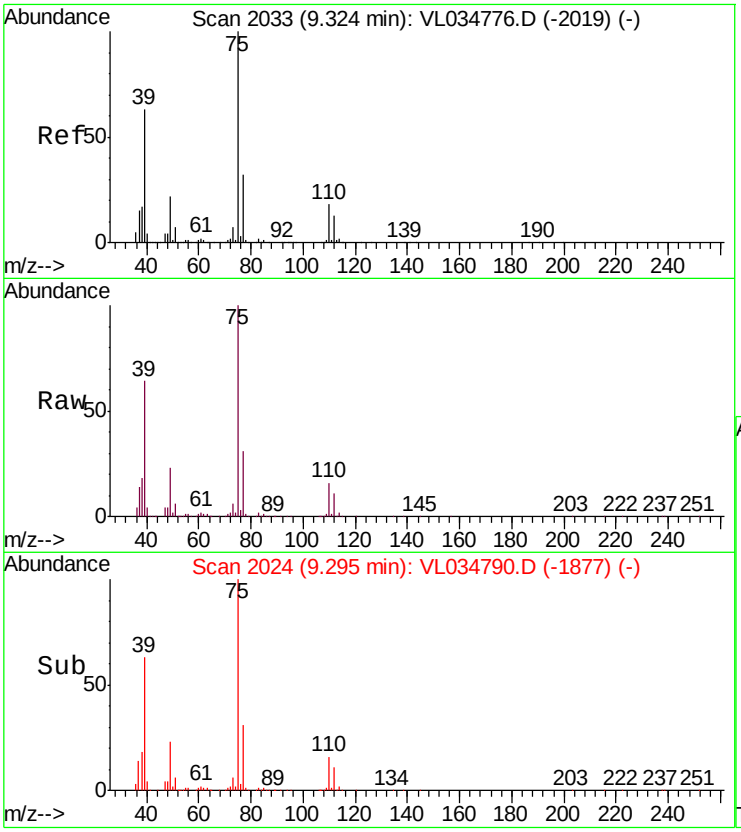


#44
2,2,4-Trimethylpentane
Concen: 9.713 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 57 Resp: 3165658

Ion	Ratio	Lower	Upper
57	100		
41	34.5	27.4	41.0
56	31.5	25.0	37.6



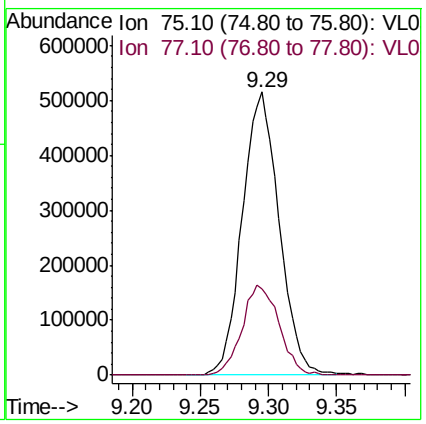


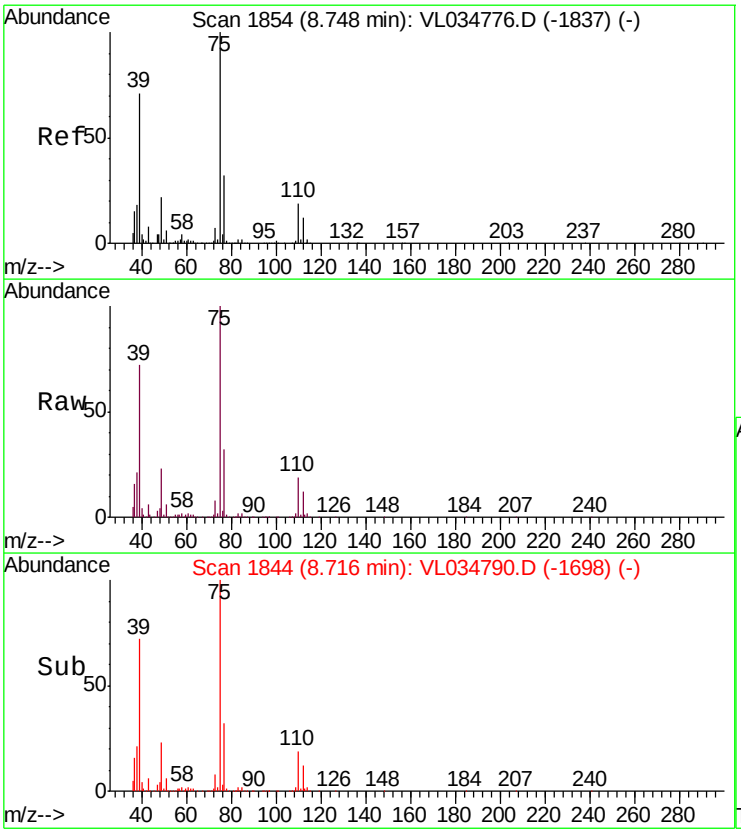
#45
t-1,3-Dichloropropene
Concen: 11.619 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 963987

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4

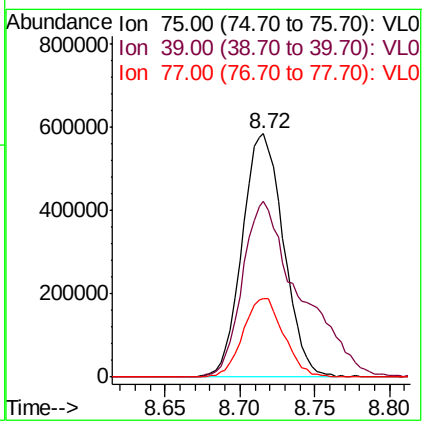


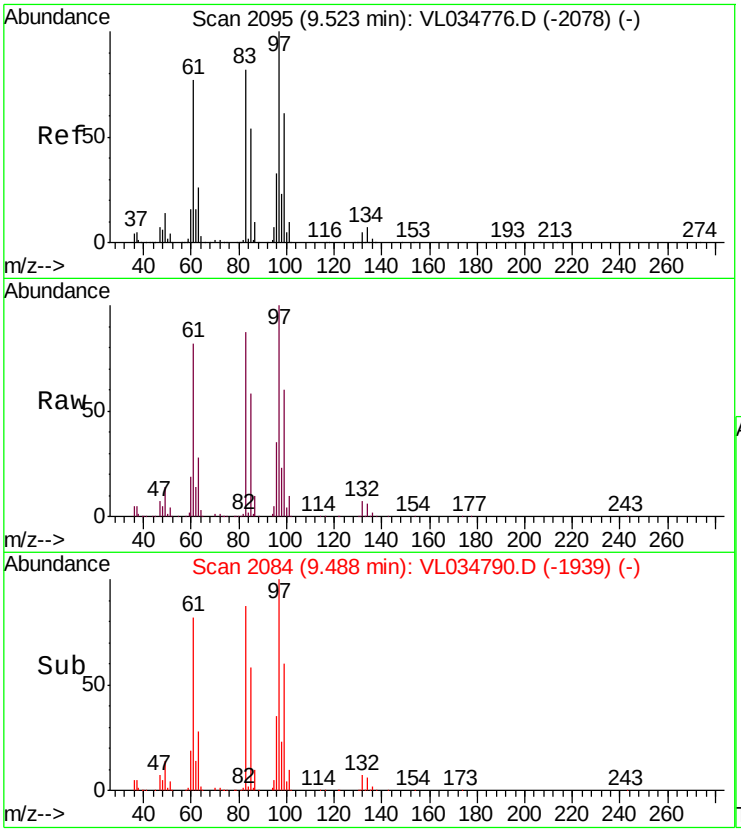


#46
cis-1,3-Dichloropropene
Concen: 11.085 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 75 Resp: 1123074

Ion	Ratio	Lower	Upper
75	100		
39	72.3	56.9	85.3
77	32.4	25.7	38.5



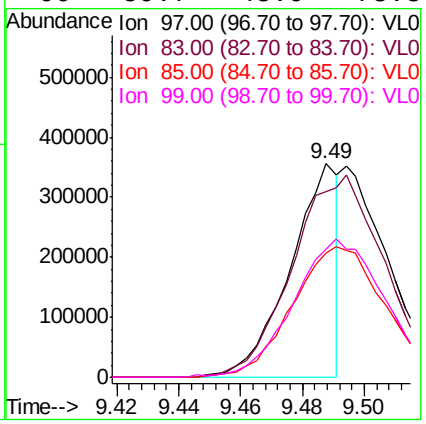


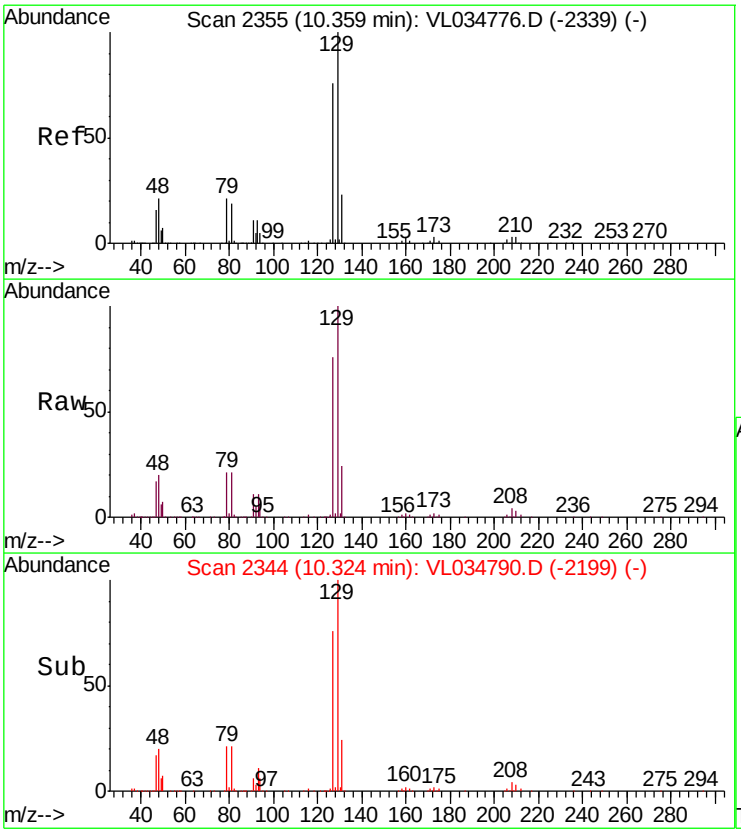
#47
1,1,2-Trichloroethane
Concen: 4.785 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 380246

Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.2	97.8
85	58.0	43.6	65.4
99	59.7	48.9	73.3

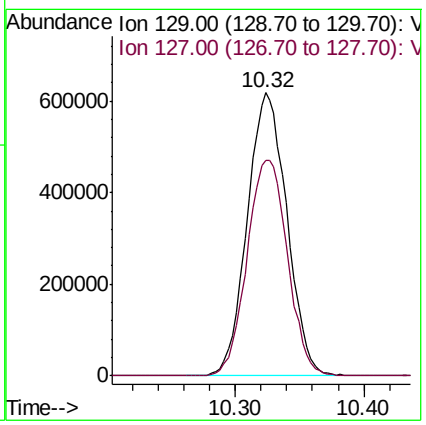


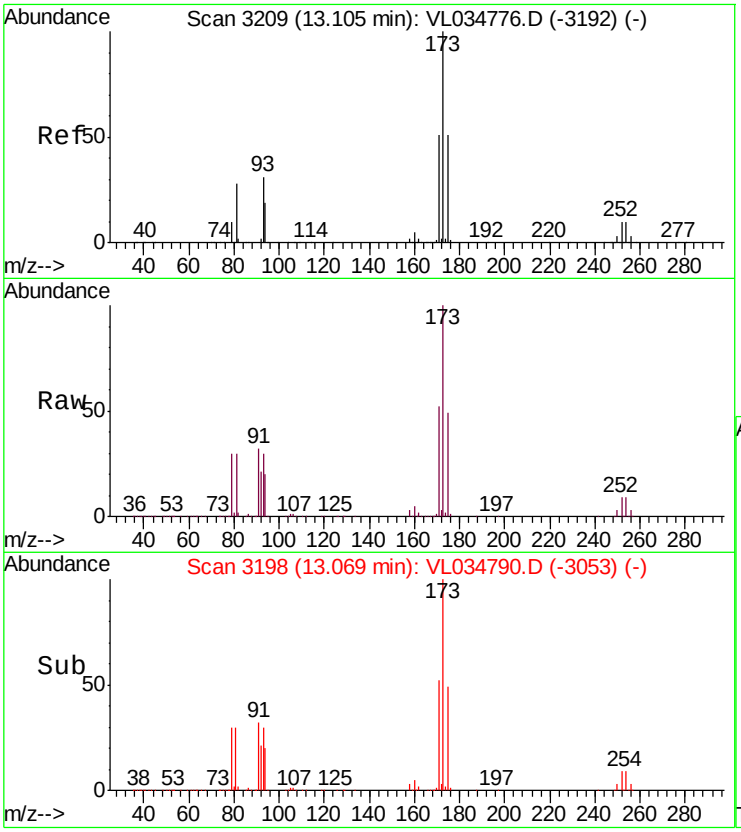


#48
Dibromochloromethane
Concen: 10.637 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:129 Resp: 1321811

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.0	117.0



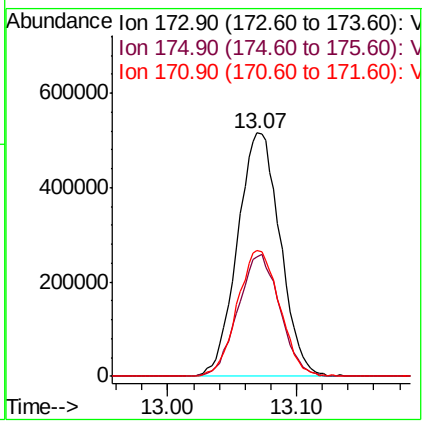


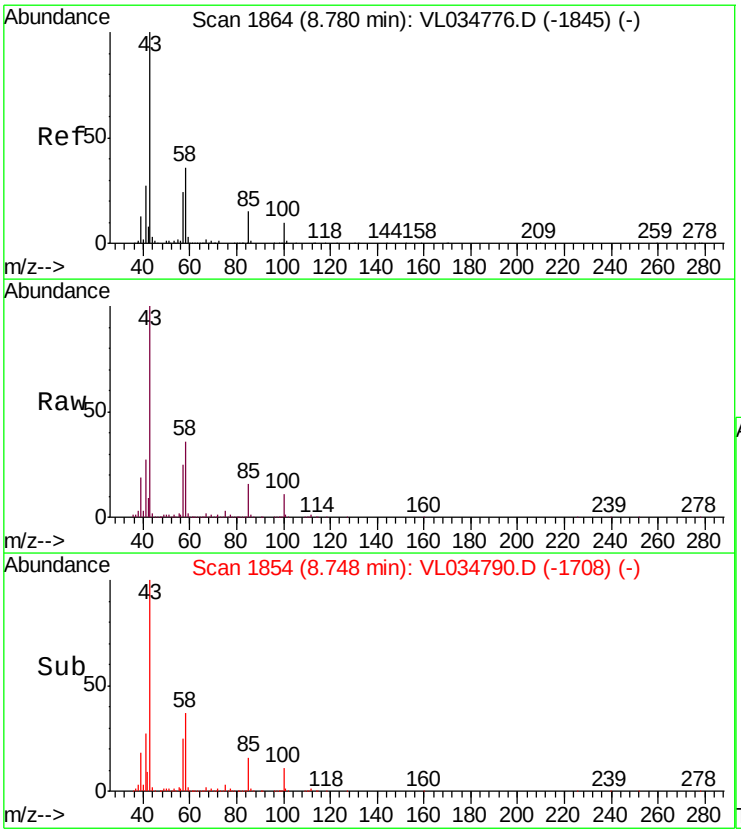
#49
Bromoform
Concen: 10.951 ppbv
RT: 13.07 min Scan# 3198
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:173 Resp: 1187394

Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.8	59.6
171	51.5	41.0	61.4

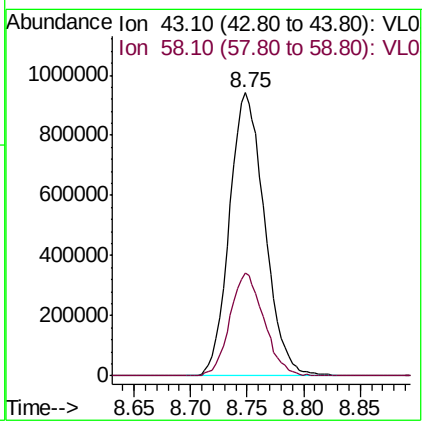


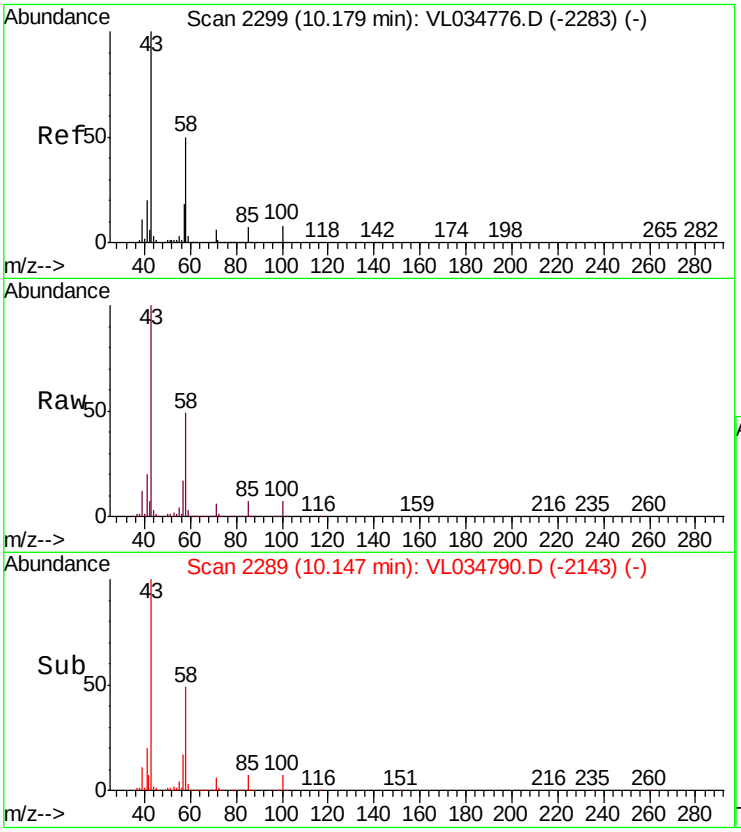


#50
4-Methyl-2-Pentanone
Concen: 9.995 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 43 Resp: 2033643

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.7	43.1



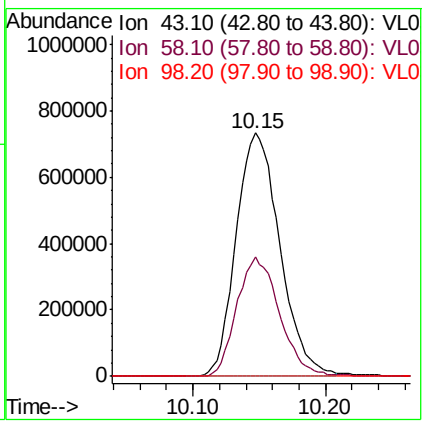


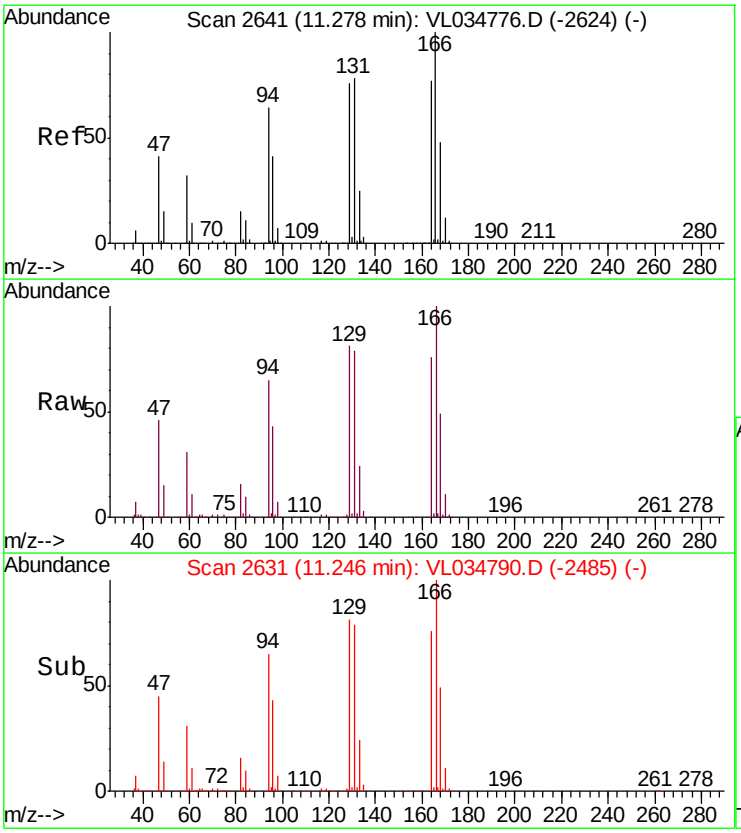
#51
2-Hexanone
Concen: 10.531 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1680749

Ion	Ratio	Lower	Upper
43	100		
58	48.0	38.6	58.0
98	0.2	0.2	0.4

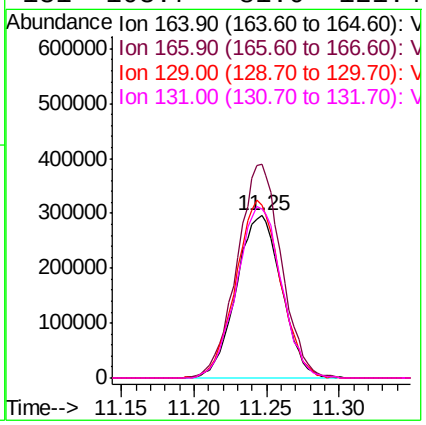


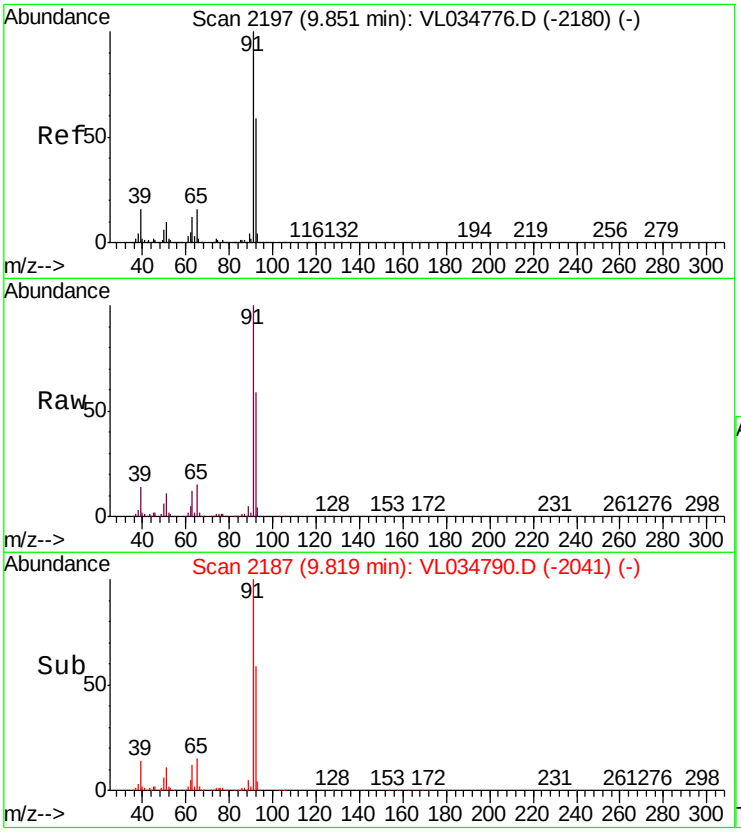


#52
Tetrachloroethene
Concen: 9.334 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:164 Resp: 643147

Ion	Ratio	Lower	Upper
164	100		
166	131.1	103.3	154.9
129	106.5	79.0	118.4
131	103.7	81.0	121.4



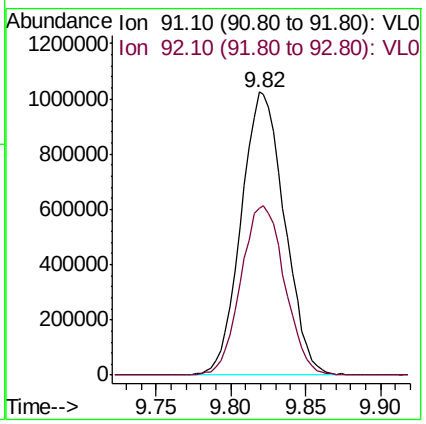


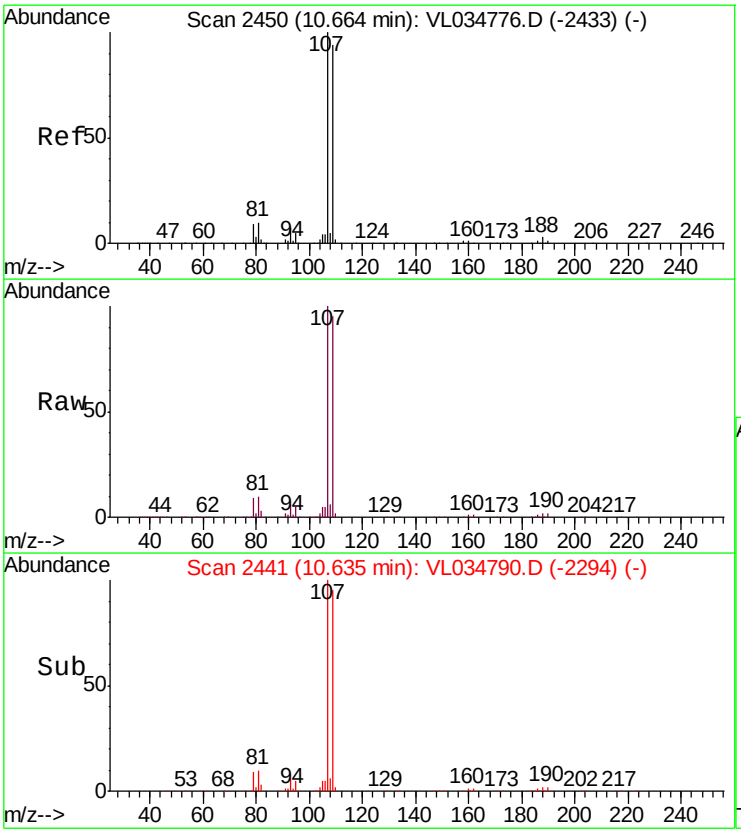
#53
Toluene
Concen: 10.466 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2065896

Ion	Ratio	Lower	Upper
91	100		
92	60.7	48.2	72.2

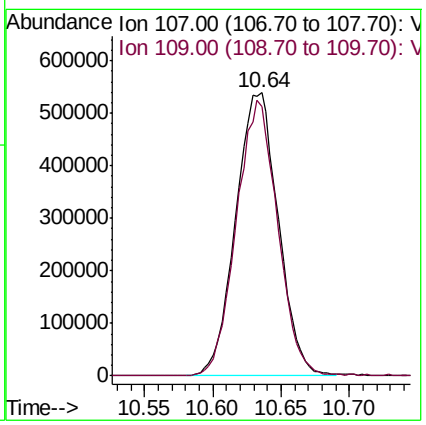


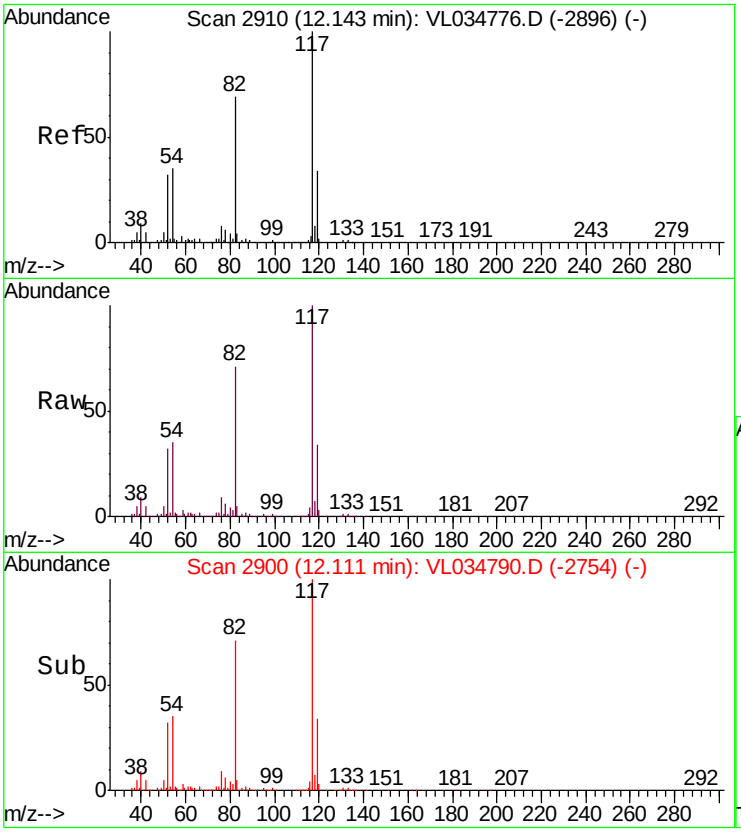


#54
1,2-Dibromoethane
Concen: 9.957 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:107 Resp: 1169942

Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.0	112.6



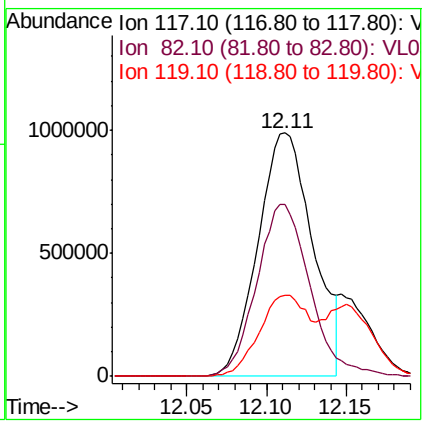


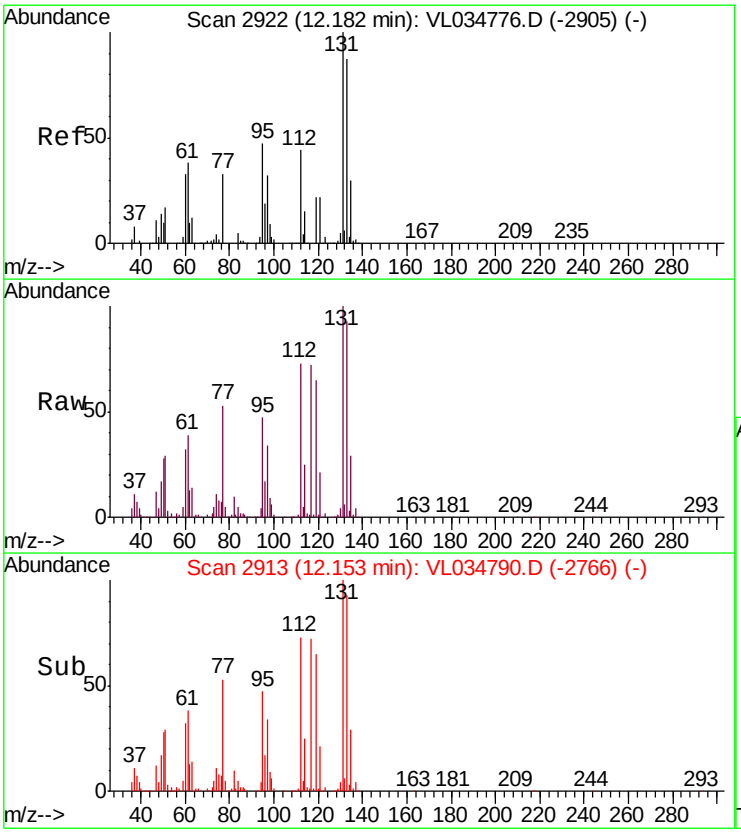
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2362376

Ion	Ratio	Lower	Upper
117	100		
82	68.3	53.9	80.9
119	33.9	25.0	37.4

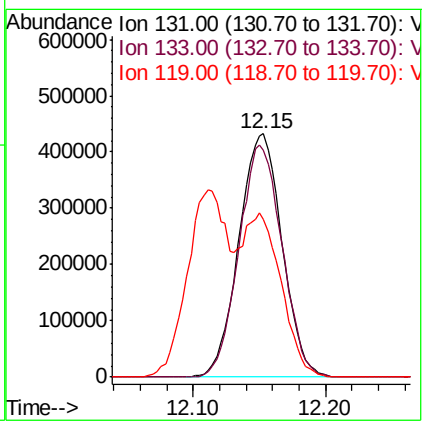


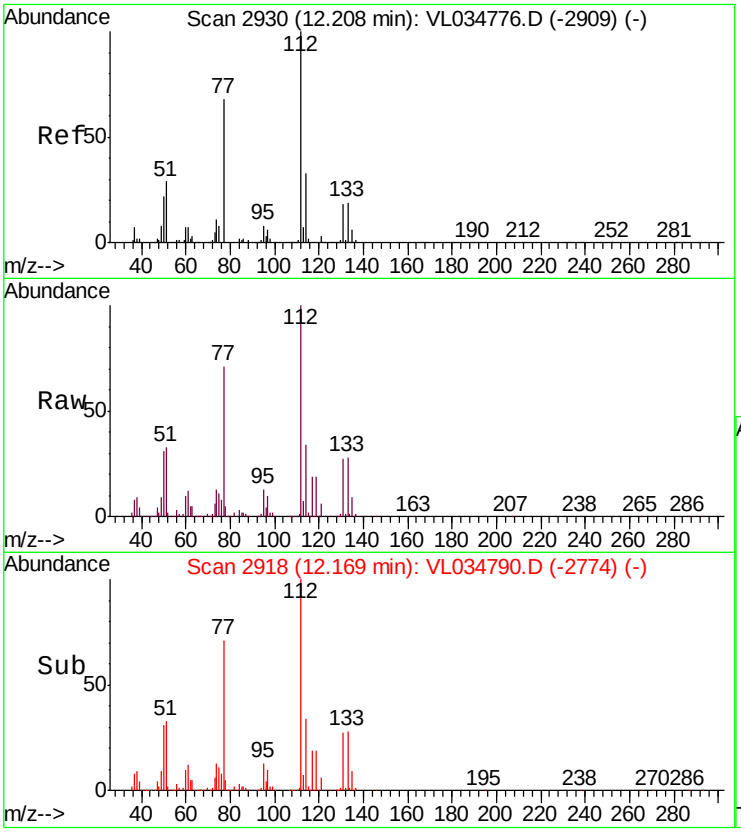


#56
1,1,1,2-Tetrachloroethane
Concen: 9.340 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:131 Resp: 977636

Ion	Ratio	Lower	Upper
131	100		
133	95.4	75.4	113.0
119	58.2	110.5	165.7#



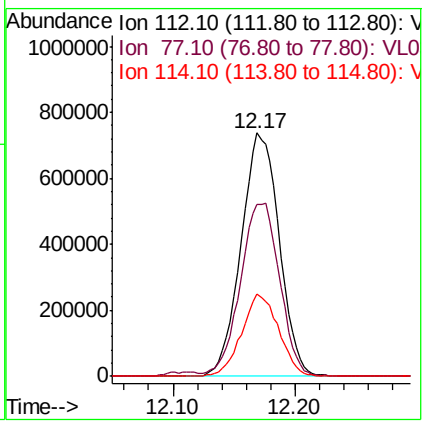


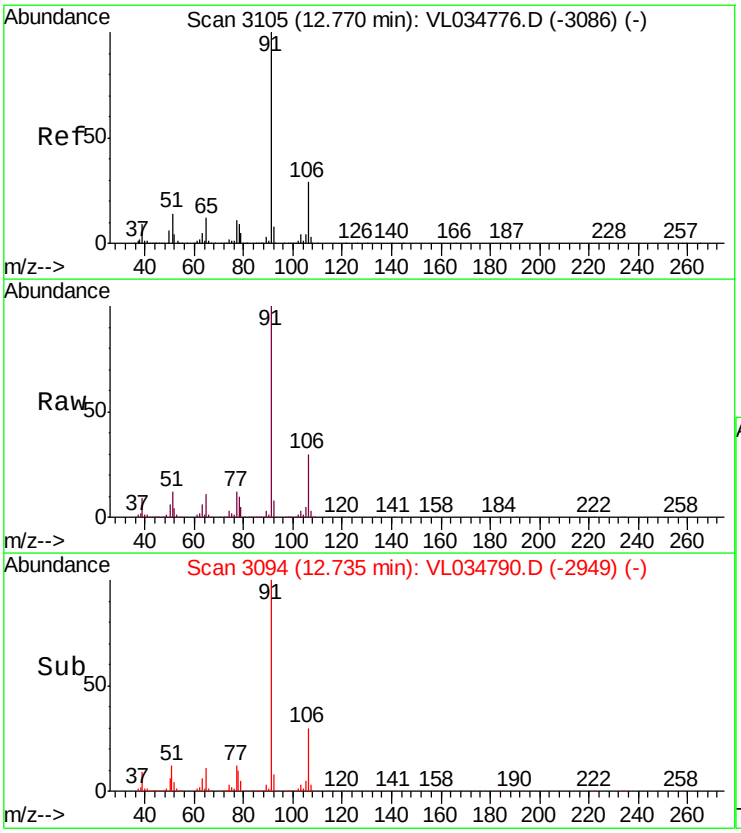
#57
Chlorobenzene
Concen: 8.810 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1589828

Ion	Ratio	Lower	Upper
112	100		
77	70.4	55.6	83.4
114	33.8	29.4	36.0

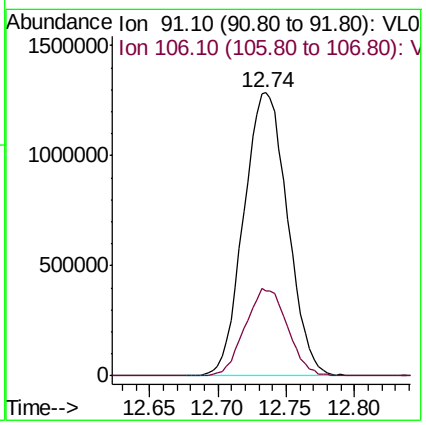


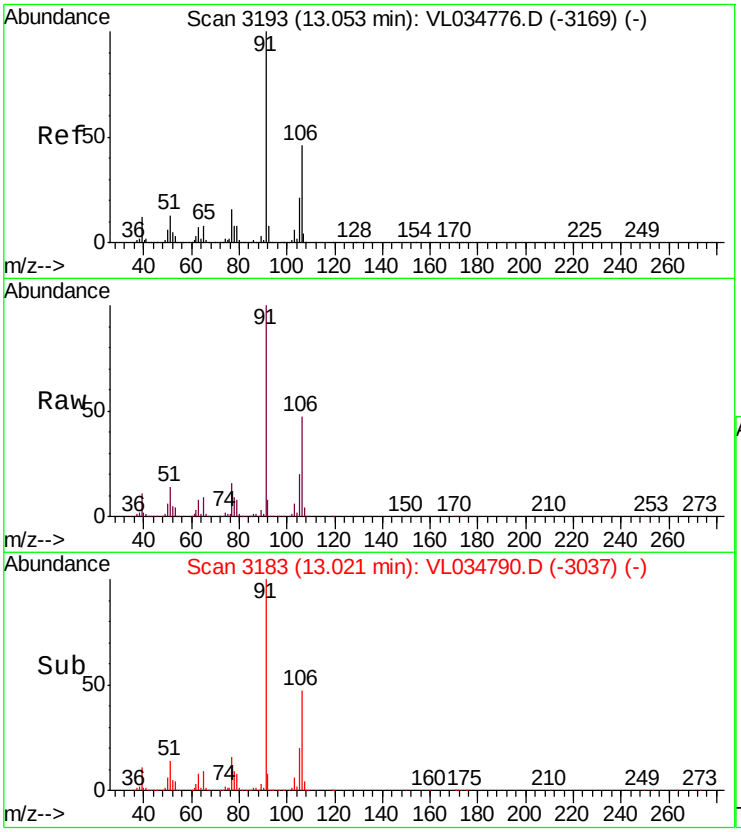


#58
Ethyl Benzene
Concen: 9.831 ppbv
RT: 12.74 min Scan# 3094
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 91 Resp: 2862052

Ion	Ratio	Lower	Upper
91	100		
106	30.1	22.8	34.2



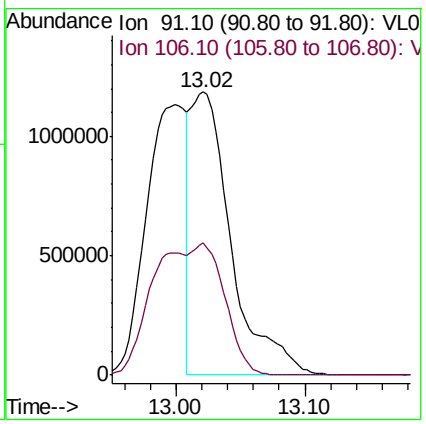


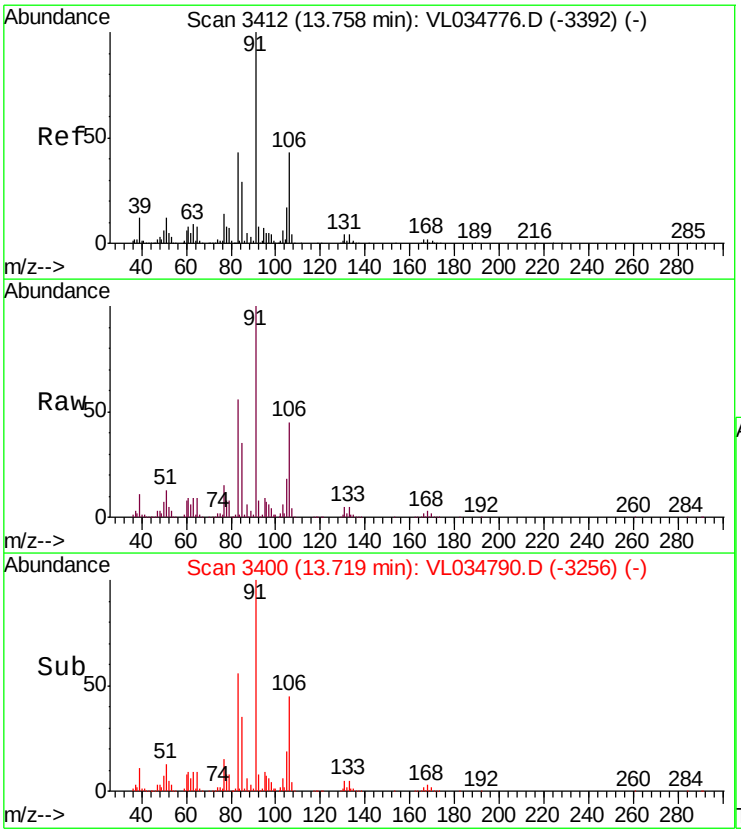
#59
m/p-Xylene
Concen: 10.235 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2579215

Ion	Ratio	Lower	Upper
91	100		
106	82.5	35.8	53.8#

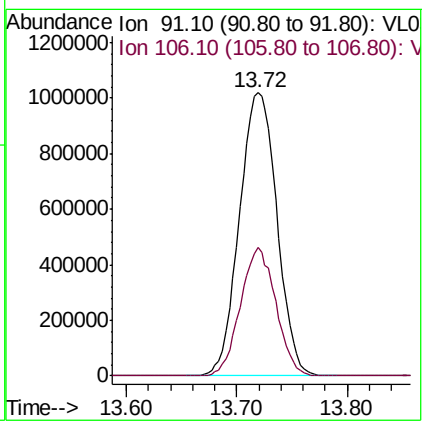


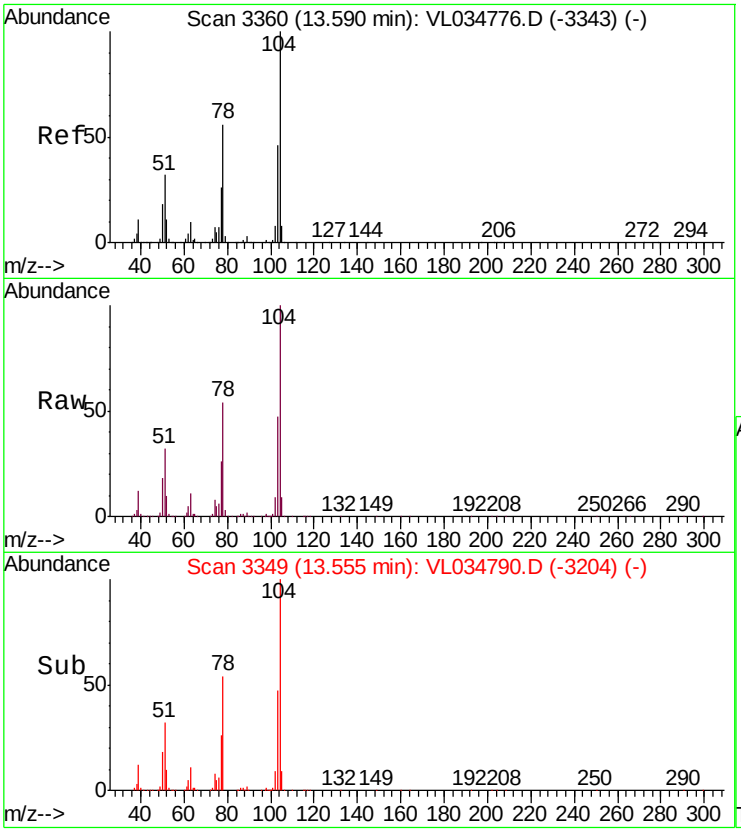


#60
o-Xylene
Concen: 9.417 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 91 Resp: 2401129

Ion	Ratio	Lower	Upper
91	100		
106	42.9	21.7	65.1



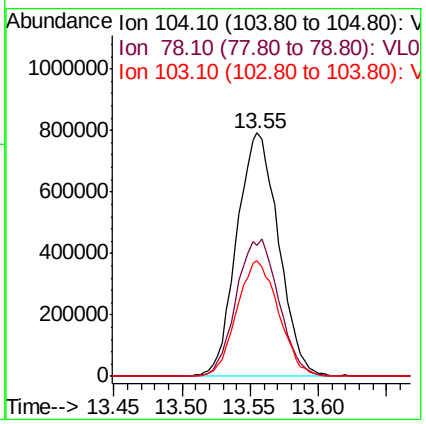


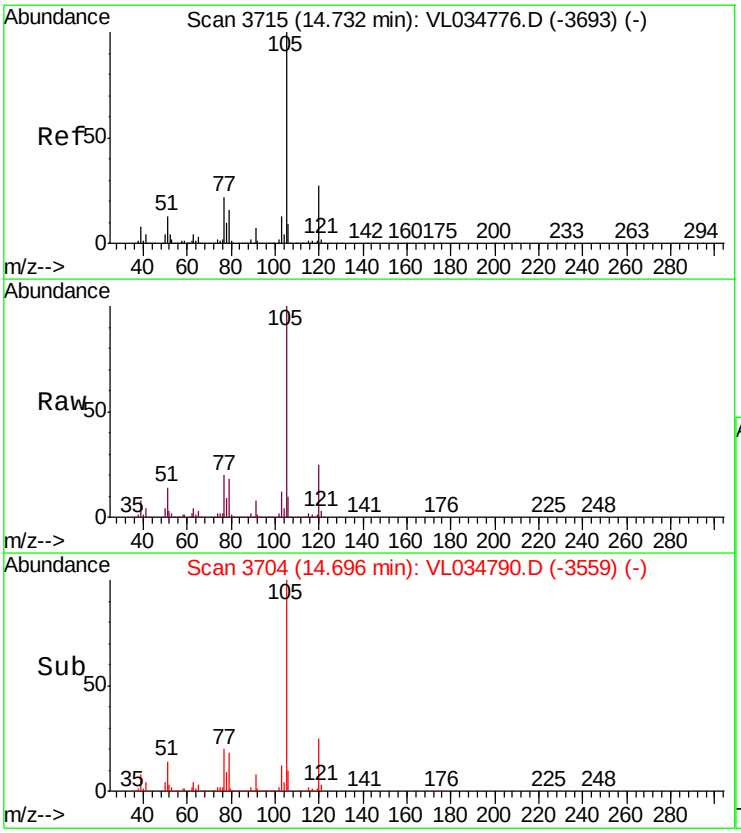
#61
Styrene
Concen: 10.662 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1686551

Ion	Ratio	Lower	Upper
104	100		
78	57.4	44.7	67.1
103	47.4	38.2	57.2

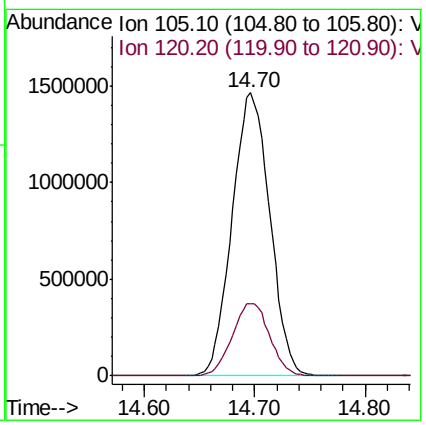


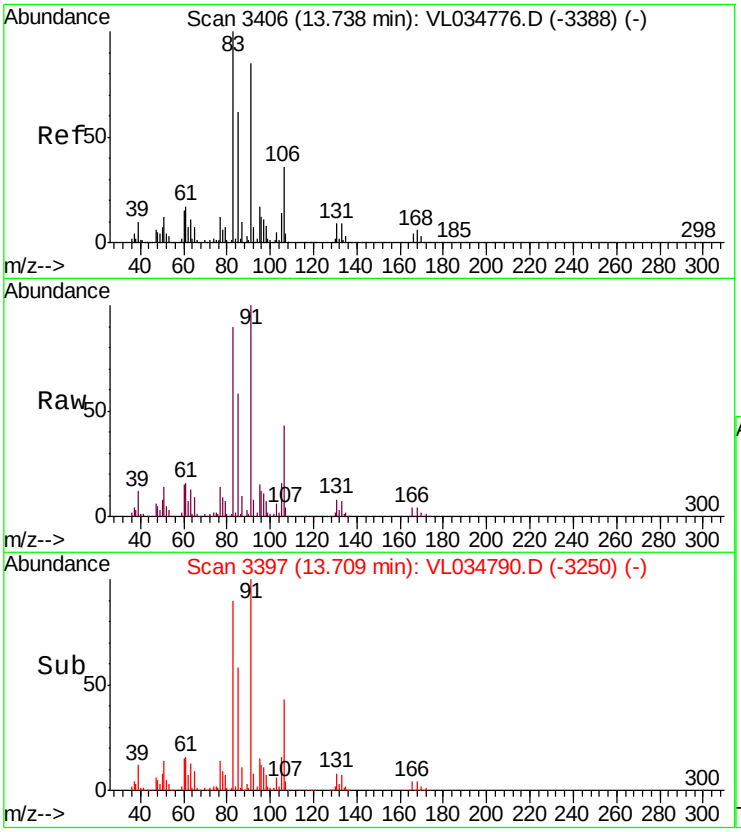


#62
Isopropylbenzene
Concen: 9.219 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:105 Resp: 3459669

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.5	30.7



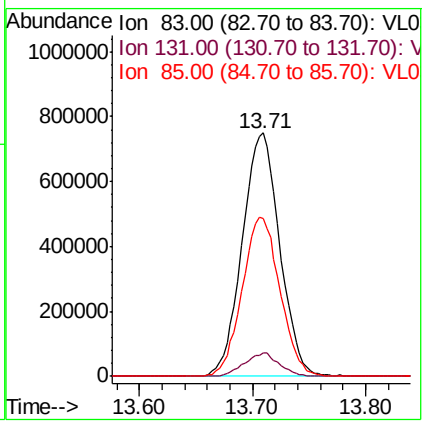


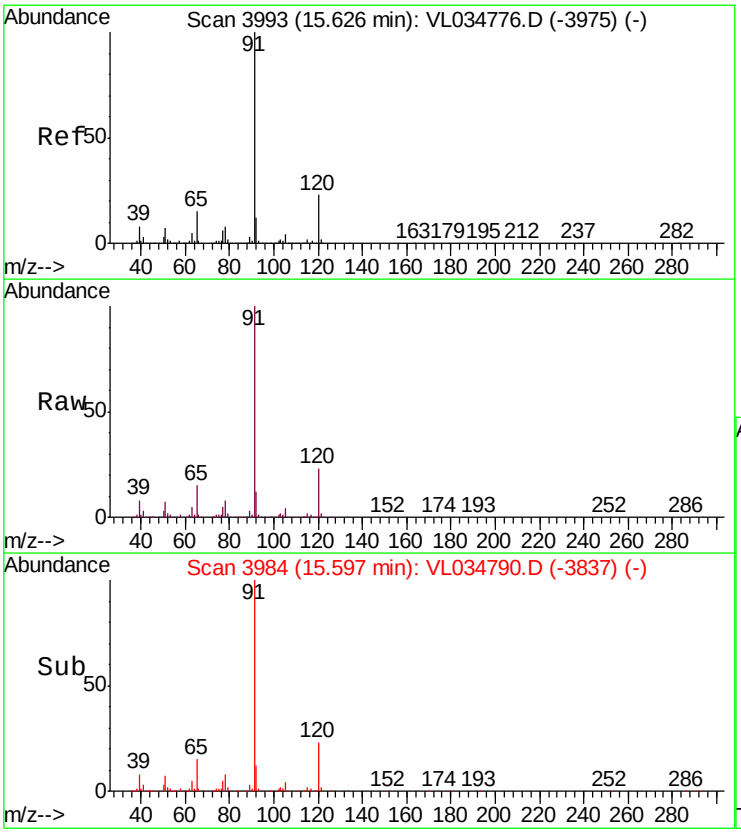
#63
1,1,2,2-Tetrachloroethane
Concen: 8.588 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1726159

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.0
85	66.1	32.9	98.7

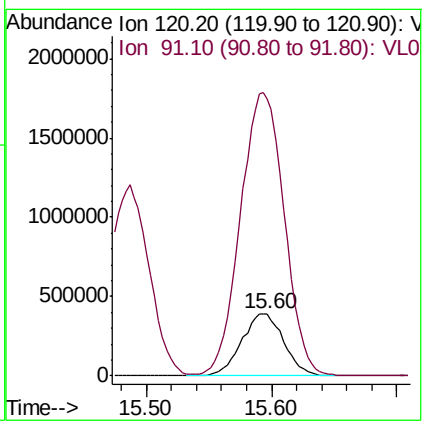


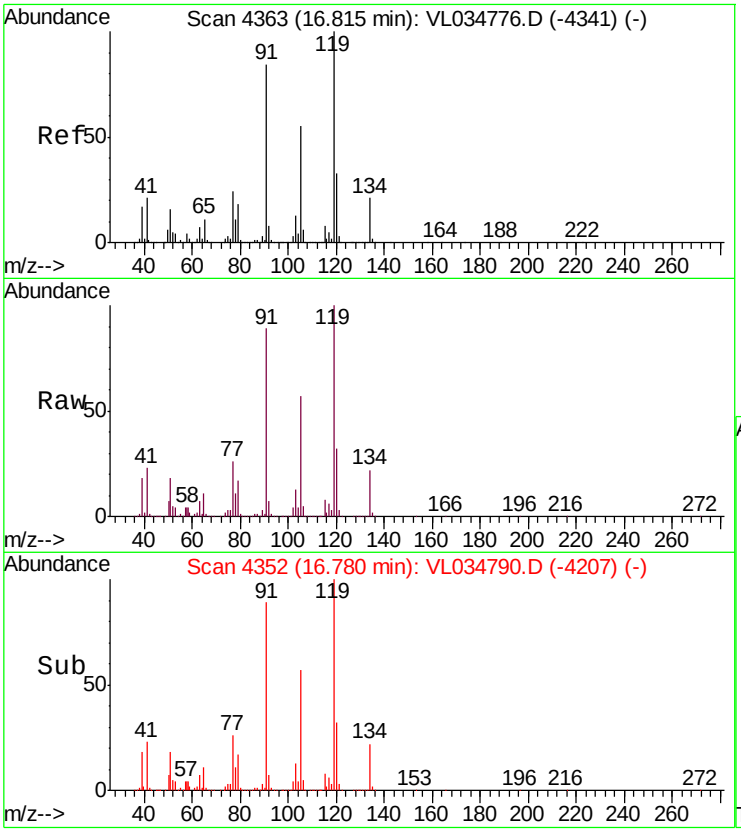


#64
n-propylbenzene
Concen: 9.691 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:120 Resp: 911887

Ion	Ratio	Lower	Upper
120	100		
91	474.6	379.4	569.2



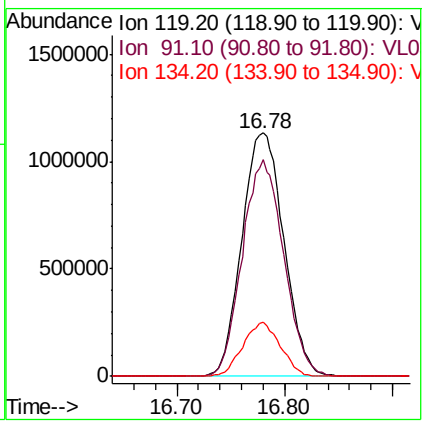


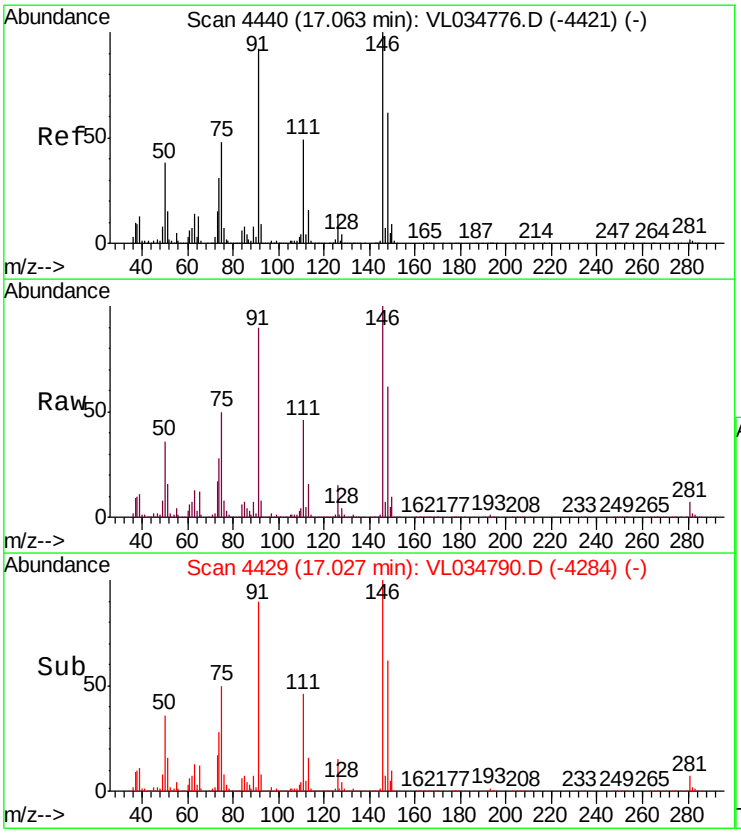
#65
tert-Butylbenzene
Concen: 9.645 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3058761

Ion	Ratio	Lower	Upper
119	100		
91	87.8	69.8	104.6
134	19.8	15.9	23.9

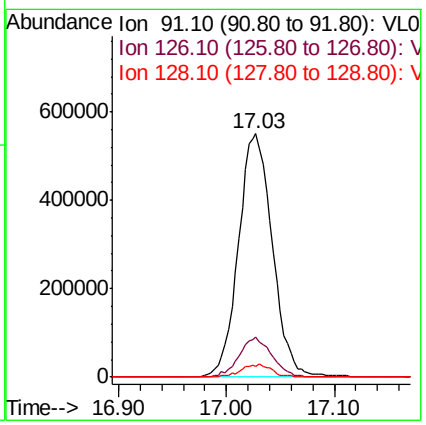


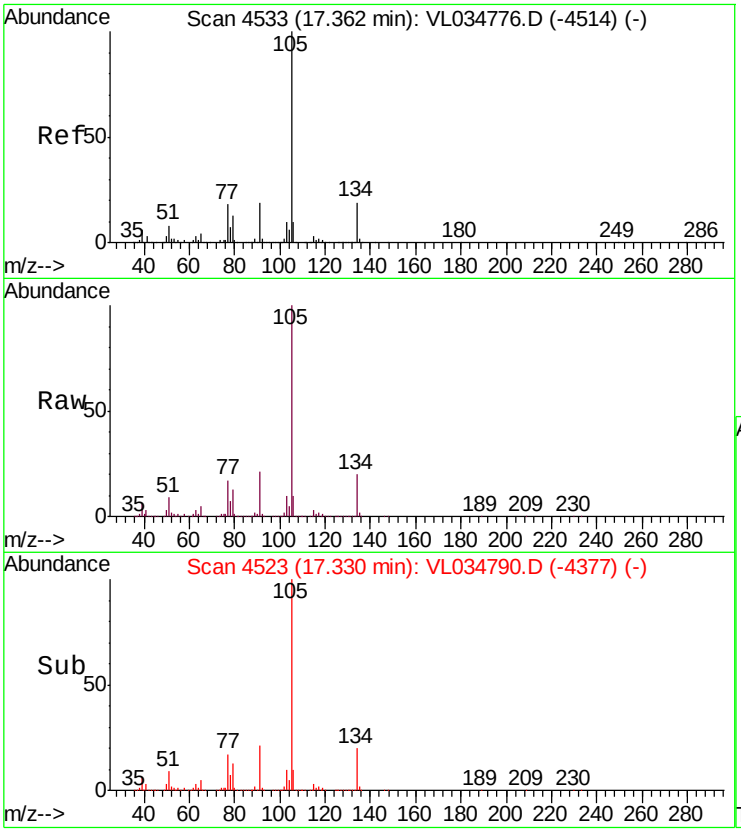


#66
Benzyl Chloride
Concen: 11.706 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 91 Resp: 1200177

Ion	Ratio	Lower	Upper
91	100		
126	15.8	12.6	18.8
128	5.0	4.3	6.5



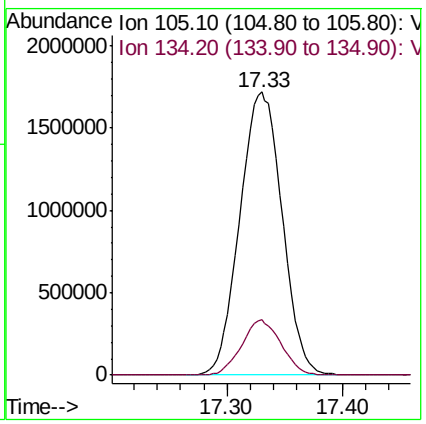


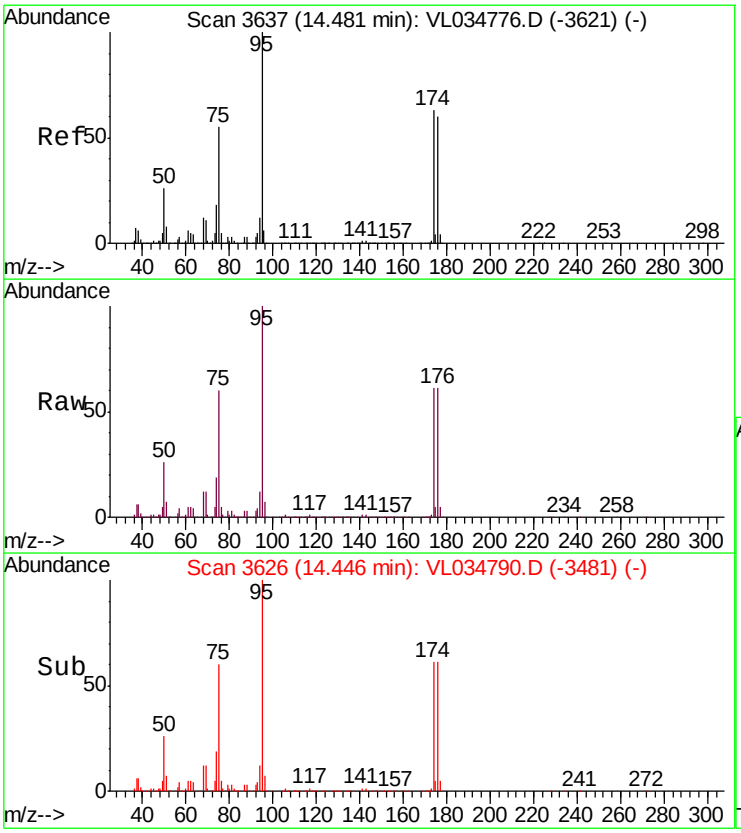
#67
sec-Butylbenzene
Concen: 9.413 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:105 Resp: 4349913

Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.7	22.1

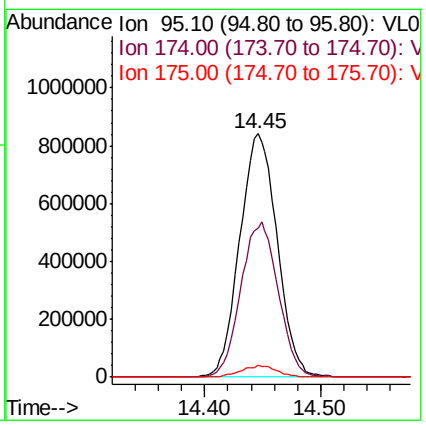


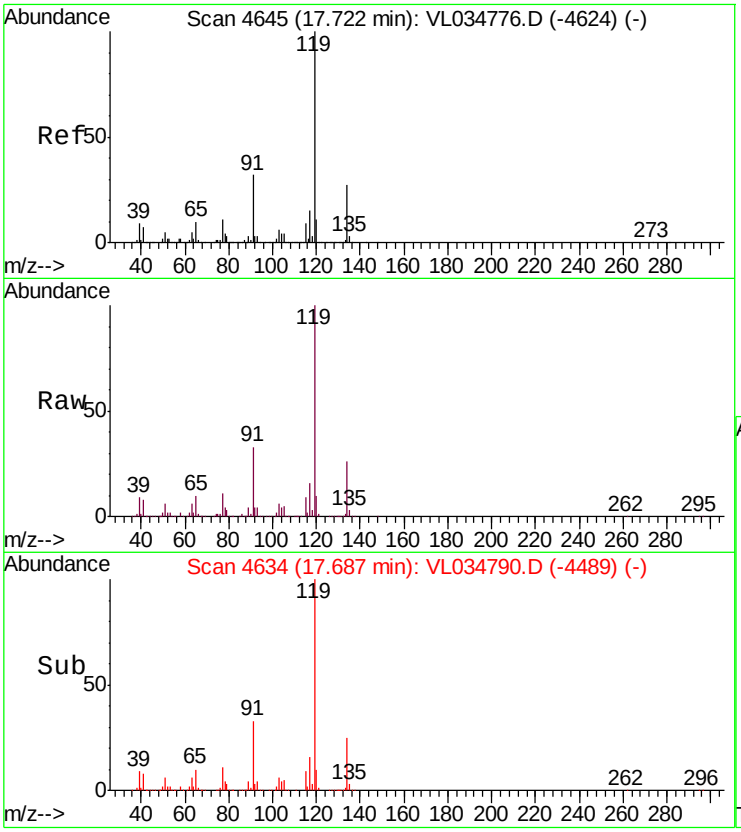


#68
1-Bromo-4-Fluorobenzene
Concen: 9.592 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 95 Resp: 1889500

Ion	Ratio	Lower	Upper
95	100		
174	63.6	50.6	76.0
175	4.5	3.8	5.6



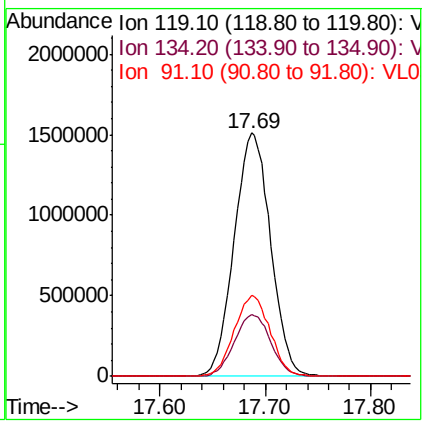


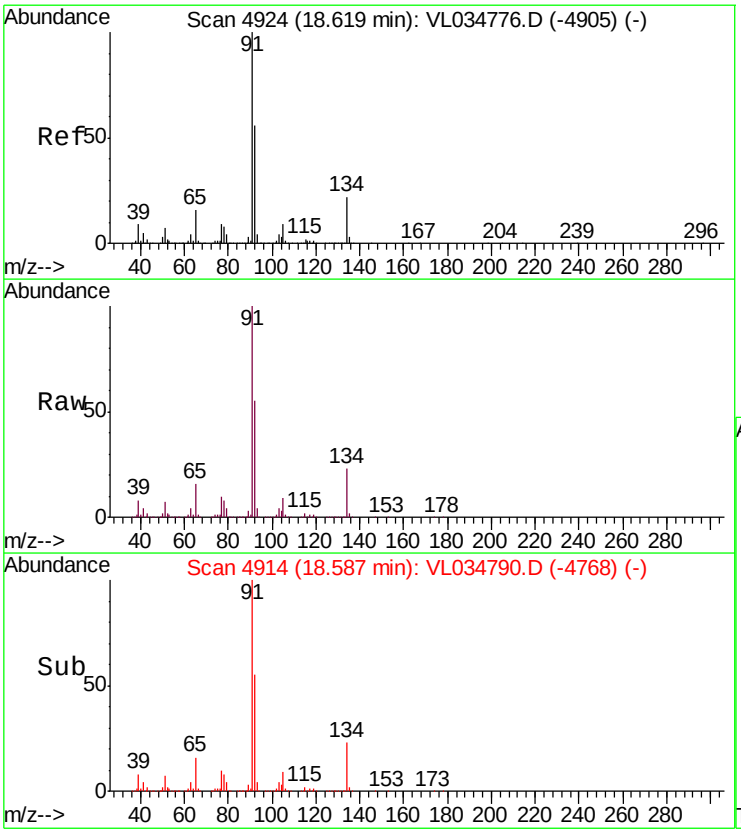
#69
p-Isopropyltoluene
Concen: 9.684 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:119 Resp: 3621556

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.6	30.8
91	32.7	25.3	37.9

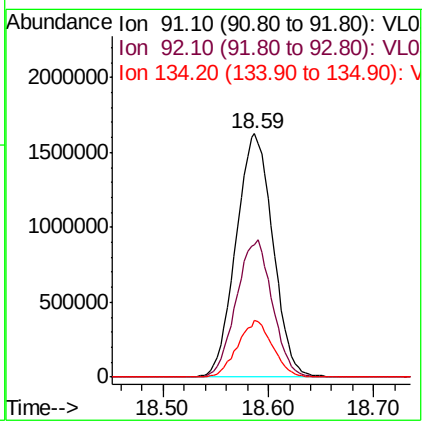


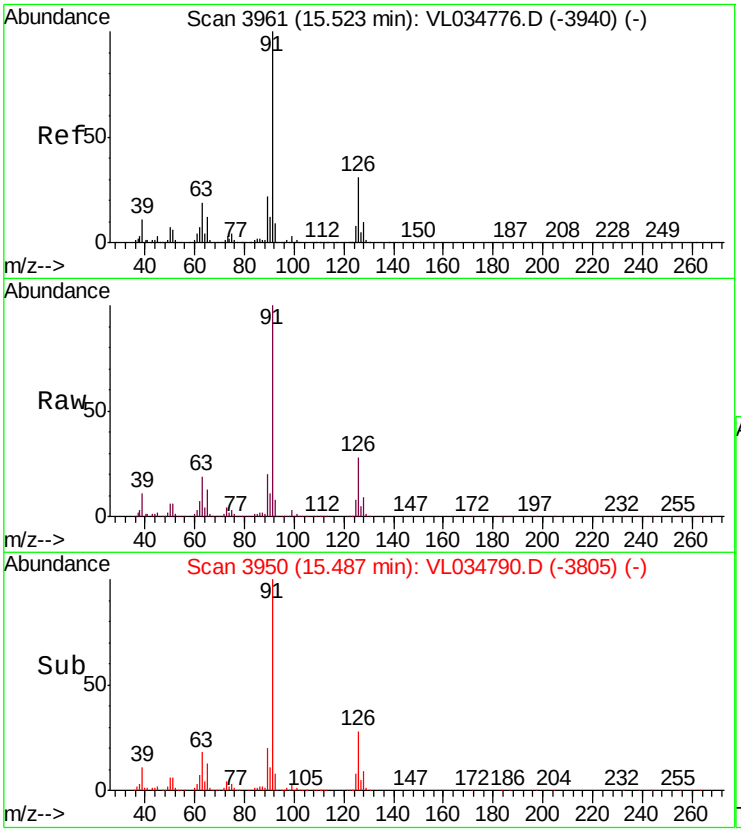


#70
n-Butylbenzene
Concen: 9.652 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion: 91 Resp: 3946896

Ion	Ratio	Lower	Upper
91	100		
92	55.1	44.0	66.0
134	22.0	17.7	26.5



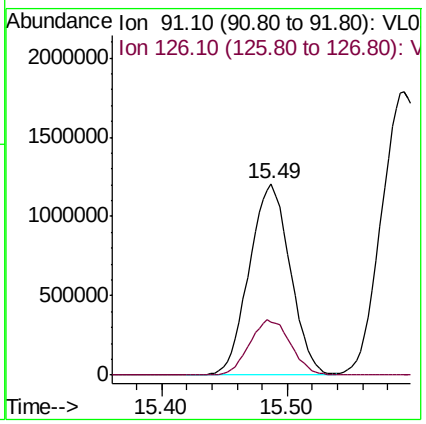


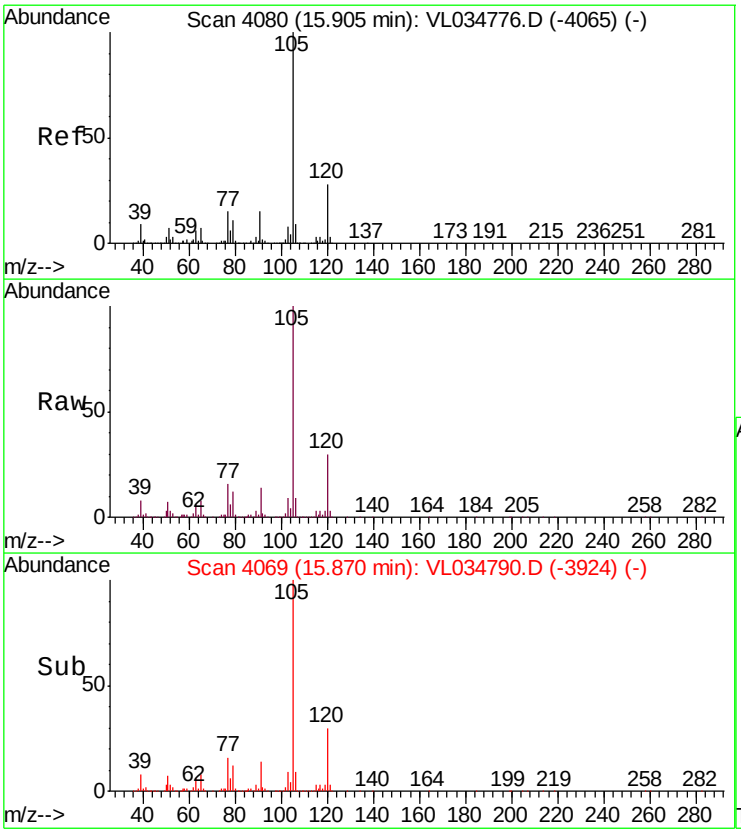
#71
2-Chlorotoluene
Concen: 9.663 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2738725

Ion	Ratio	Lower	Upper
91	100		
126	29.0	11.7	46.7

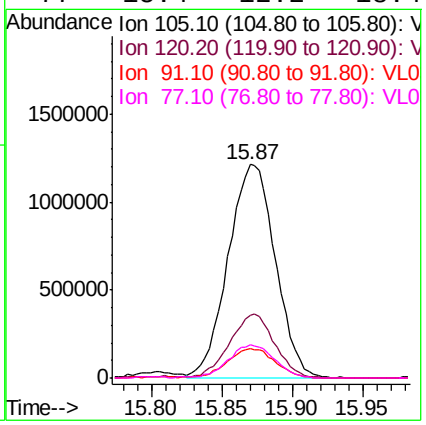


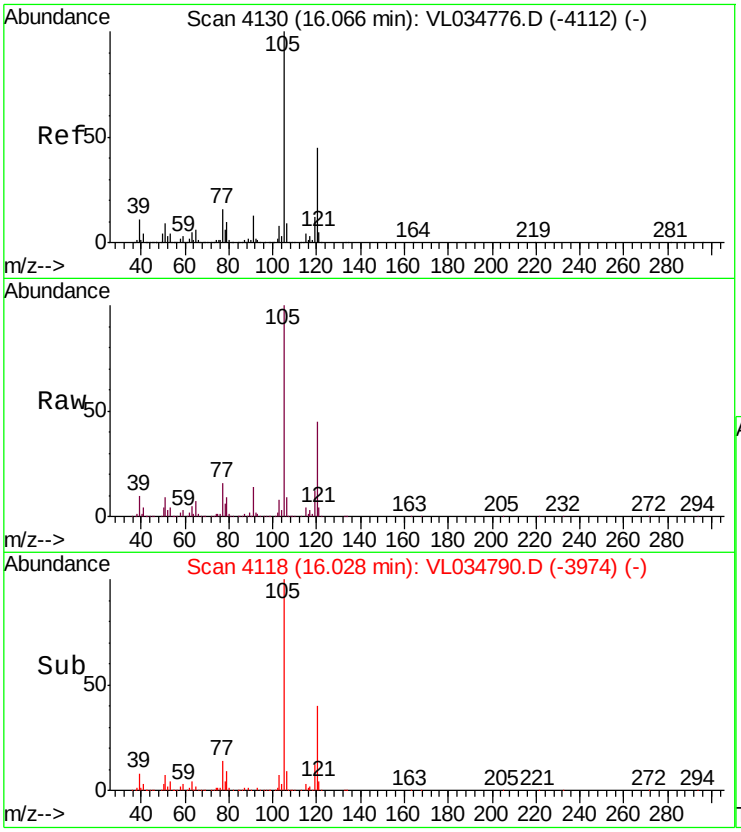


#72
4-Ethyltoluene
Concen: 9.942 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:105 Resp: 2822651

Ion	Ratio	Lower	Upper
105	100		
120	28.7	23.0	34.6
91	14.0	11.1	16.7
77	15.4	12.2	18.4



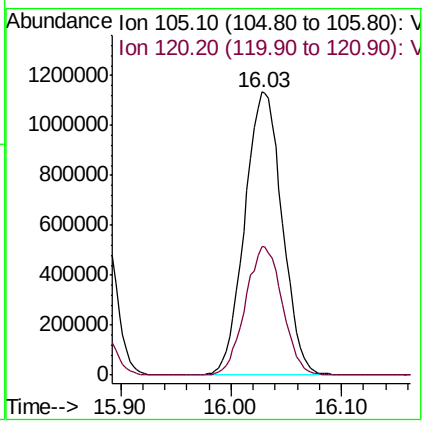


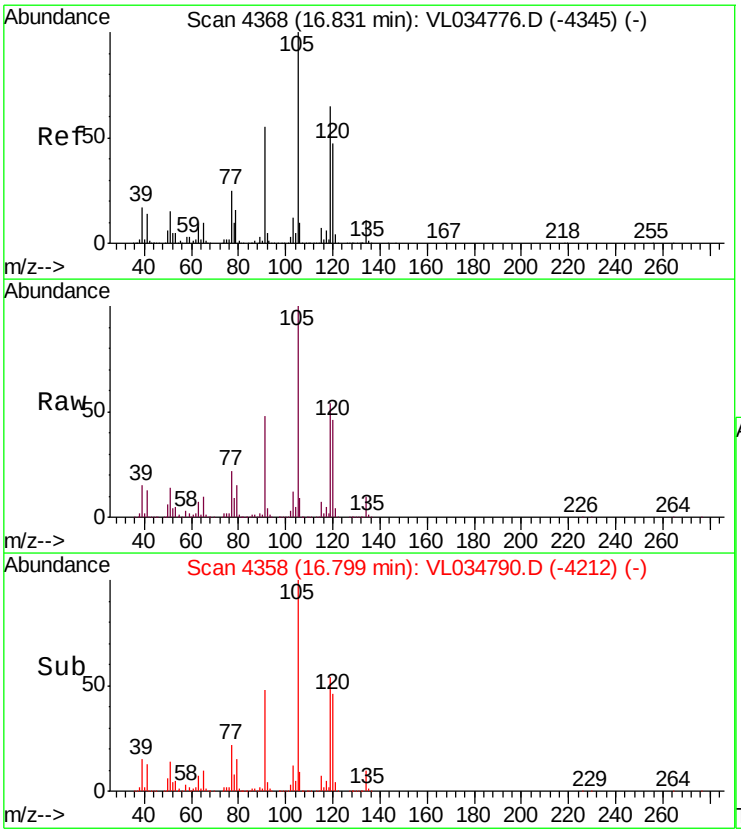
#73
1,3,5-Trimethylbenzene
Concen: 9.779 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2662931

Ion	Ratio	Lower	Upper
105	100		
120	45.5	35.6	53.4

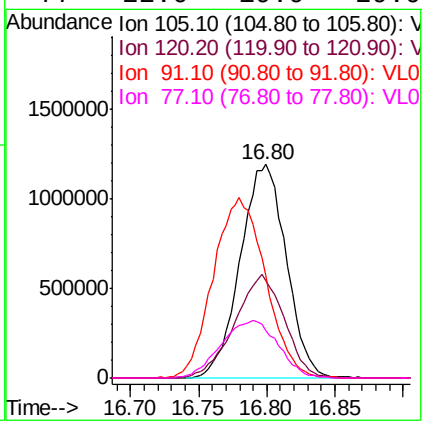


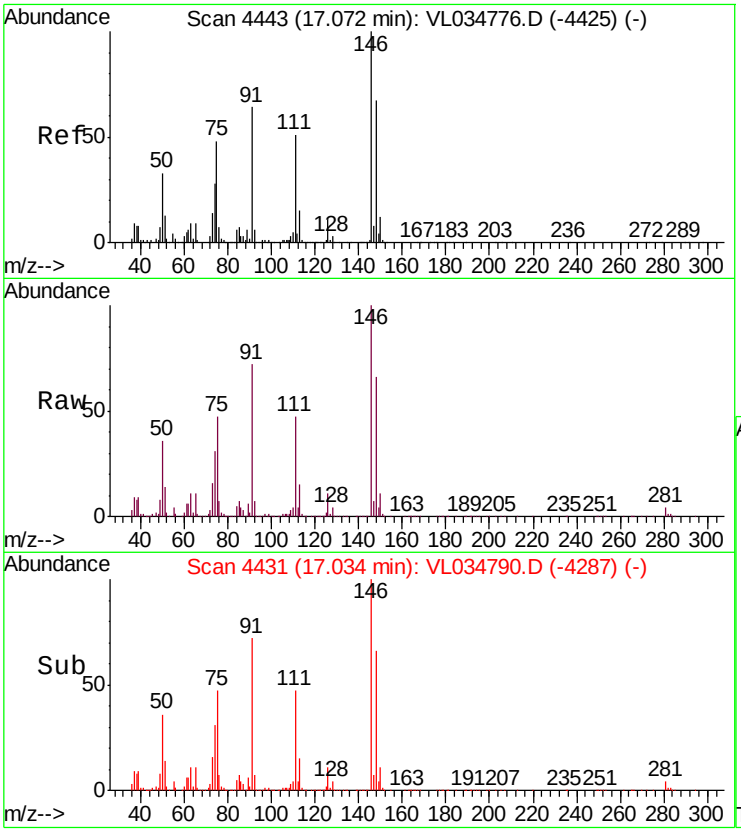


#74
1,2,4-Trimethylbenzene
Concen: 9.441 ppbv
RT: 16.80 min Scan# 4358
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:105 Resp: 2794858

Ion	Ratio	Lower	Upper
105	100		
120	45.5	37.8	56.6
91	47.4	43.8	65.8
77	22.0	19.9	29.9



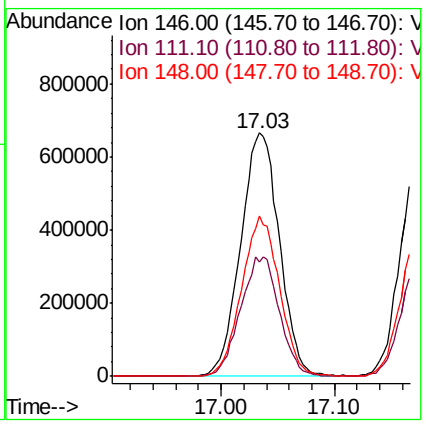


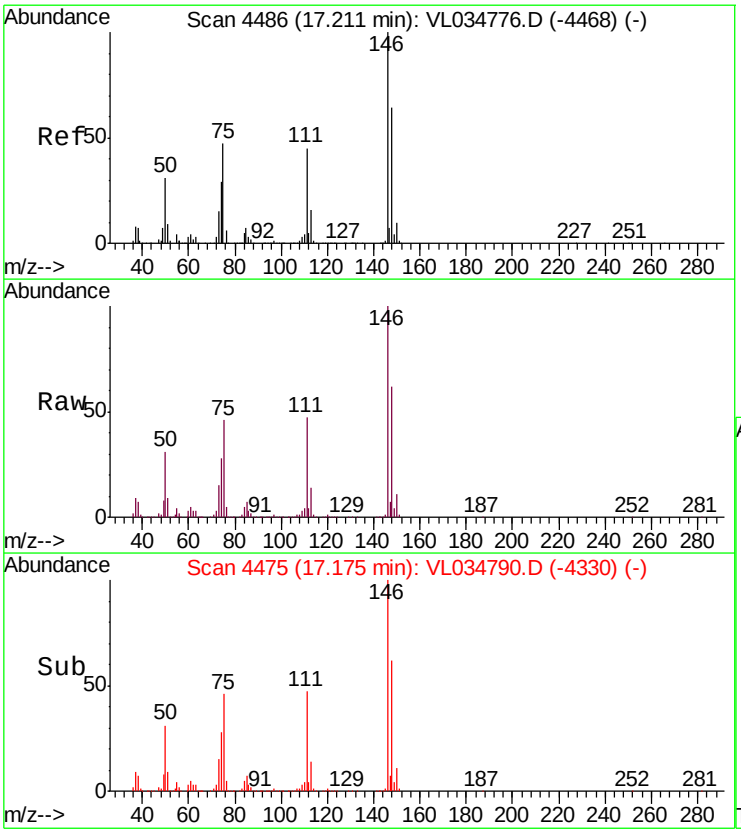
#75
1,3-Dichlorobenzene
Concen: 9.045 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1585122

Ion	Ratio	Lower	Upper
146	100		
111	49.2	24.7	74.1
148	64.2	31.8	95.4

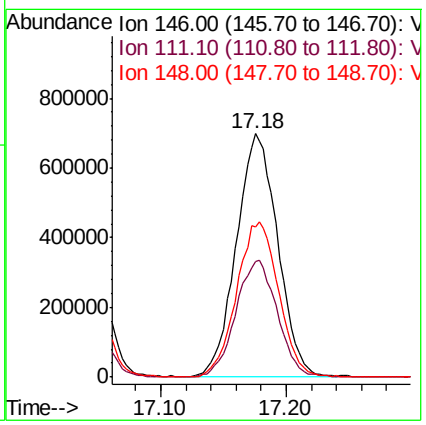


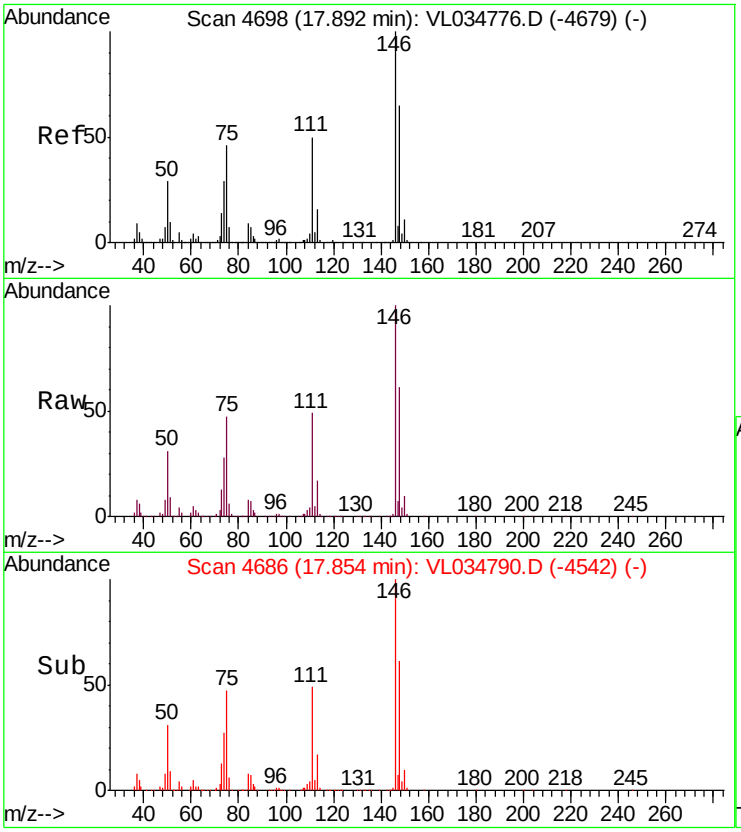


#76
1,4-Dichlorobenzene
Concen: 9.471 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:146 Resp: 1588117

Ion	Ratio	Lower	Upper
146	100		
111	48.4	23.5	70.5
148	65.2	32.2	96.6



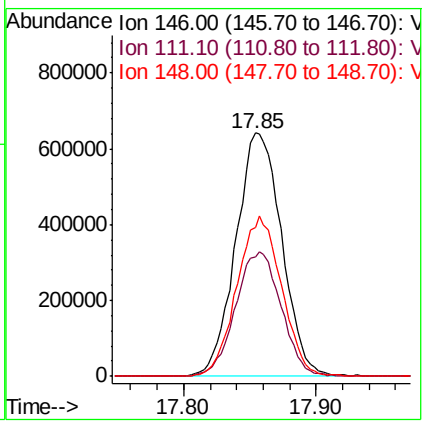


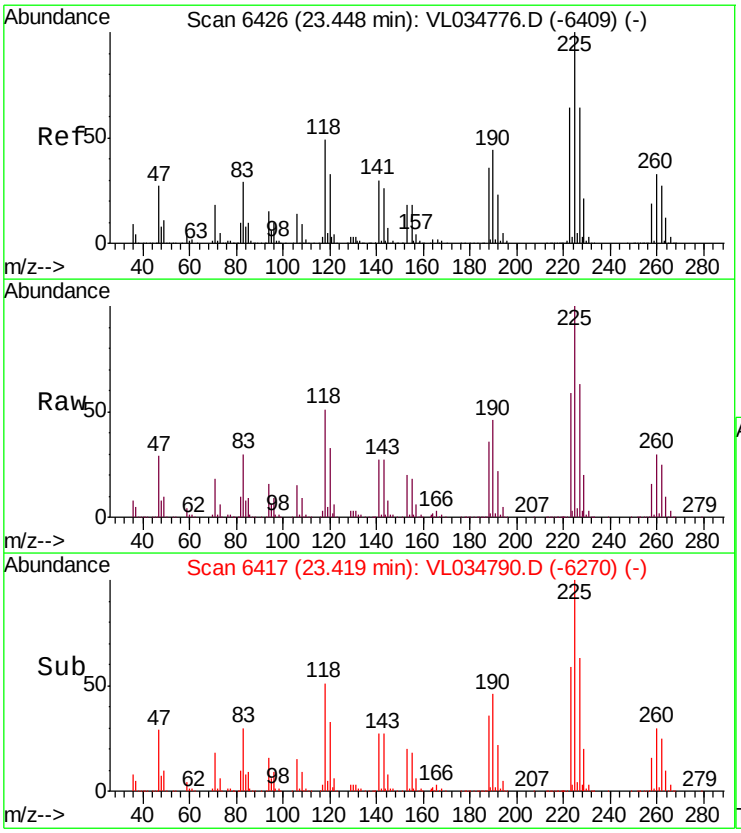
#77
1,2-Dichlorobenzene
Concen: 9.161 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1535822

Ion	Ratio	Lower	Upper
146	100		
111	51.2	25.3	75.8
148	64.7	32.3	96.9

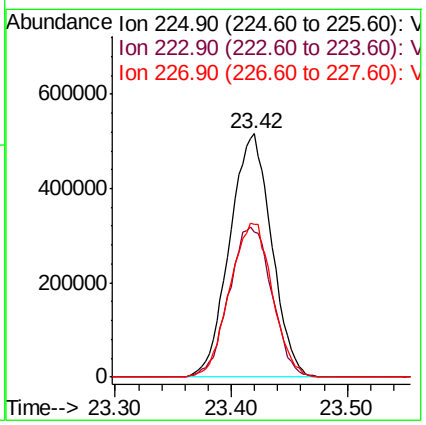


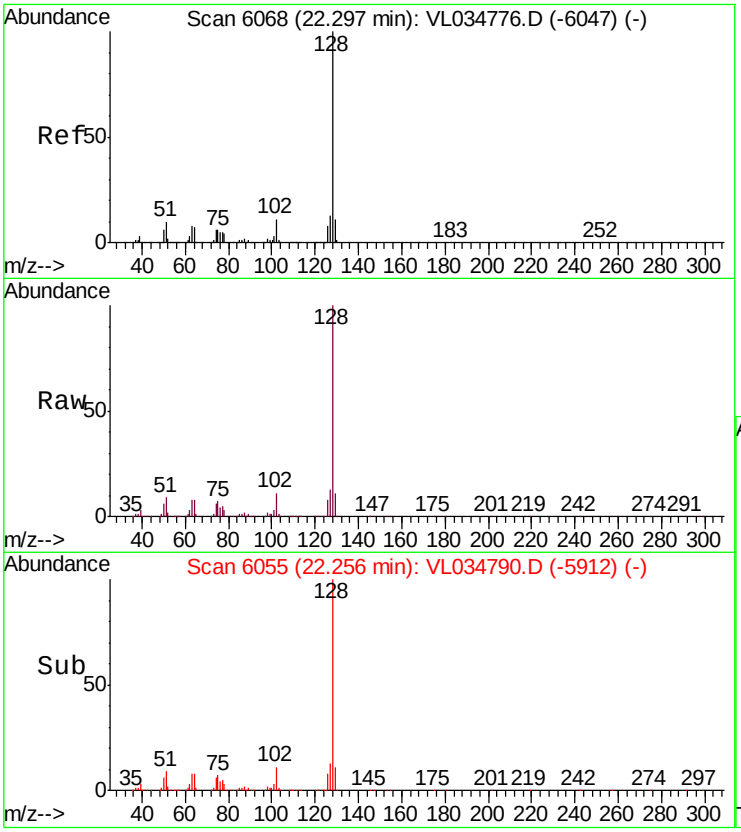


#78
Hexachloro-1,3-Butadiene
Concen: 9.217 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:225 Resp: 1289512

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.3	76.9
227	64.4	51.9	77.9



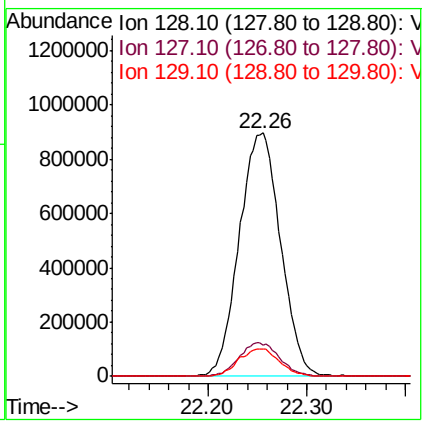


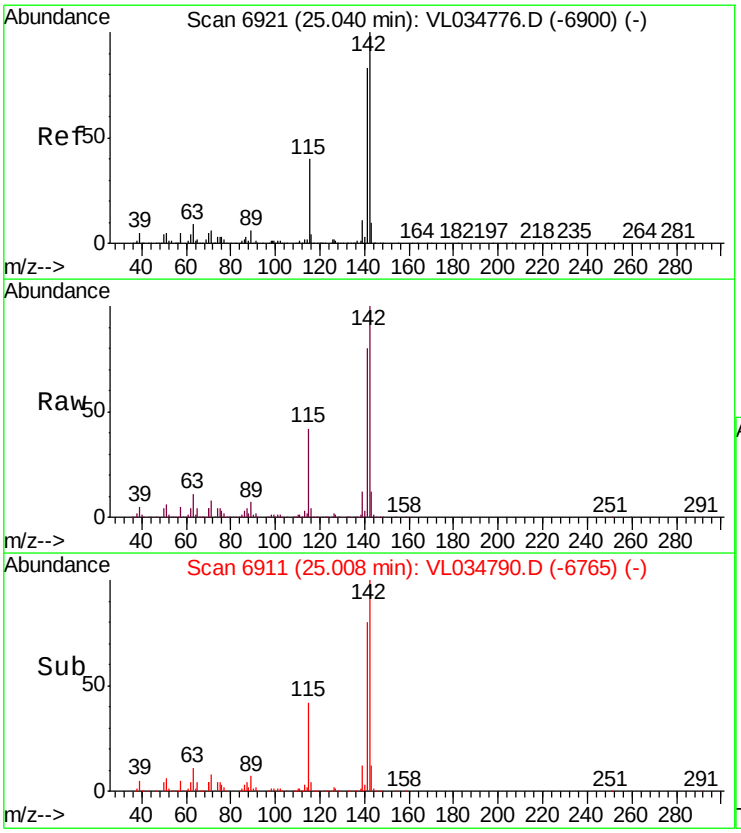
#79
Naphthalene
Concen: 11.659 ppbv
RT: 22.26 min Scan# 6055
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2593677

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	9.0	13.6

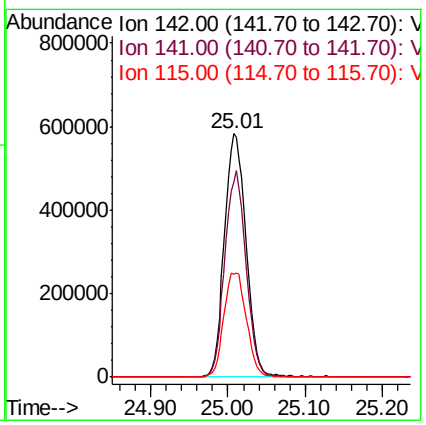


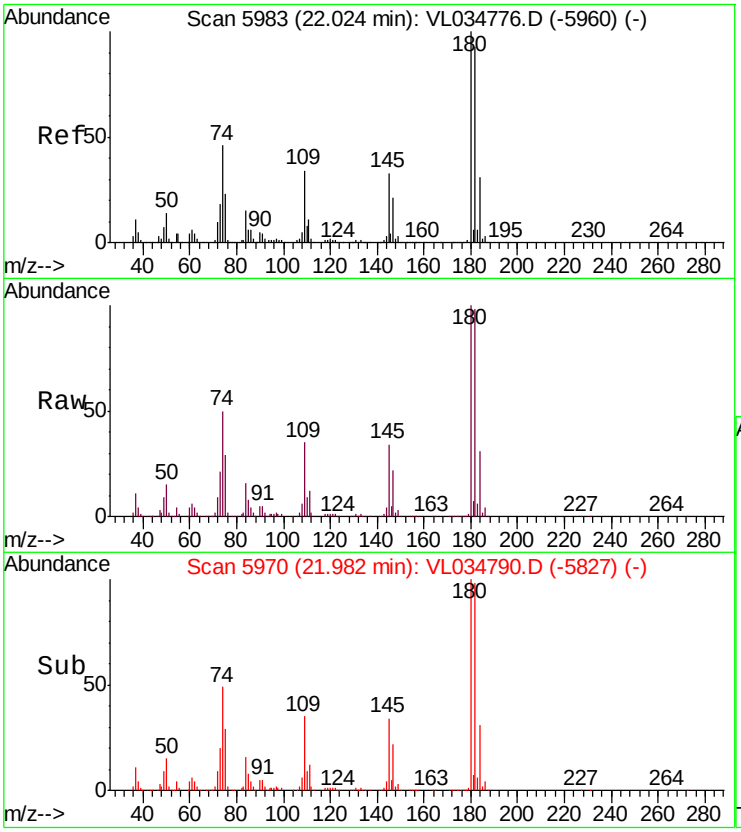


#80
Naphthalene,2-methyl-
Concen: 21.258 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.03 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Tgt Ion:142 Resp: 1129509

Ion	Ratio	Lower	Upper
142	100		
141	83.0	67.7	101.5
115	44.7	30.7	46.1





#81
1,2,4-Trichlorobenzene
Concen: 10.518 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.04 min
Lab File: VL034790.D
Acq: 5 Mar 2020 9:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1479221

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.8	115.2
184	31.0	24.8	37.2