

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034984.D
 Acq On : 12 May 2020 11:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 13 01:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1104541	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2566138	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.11	117	2472850	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1988278	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.01	85	1298568	8.284	ppbv 98
3) Chlorodifluoromethane	2.94	51	1128793	8.951	ppbv 99
4) Chloromethane	3.10	50	665958	9.215	ppbv 99
5) Vinyl Chloride	3.21	62	643622	9.129	ppbv 99
6) Bromomethane	3.43	94	389791	9.260	ppbv 86
7) Chloroethane	3.52	64	238248	9.409	ppbv 97
8) Dichlorotetrafluoroethane	3.14	85	1476556	9.101	ppbv 100
9) Propene	2.96	41	490231	8.959	ppbv 96
10) Heptane	8.13	43	1386895	10.117	ppbv 100
11) Trichlorofluoromethane	3.92	101	1515484	9.376	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1074731	9.338	ppbv 98
13) Ethanol	3.57	45	126272	6.993	ppbv 98
14) Bromoethene	3.70	108	473226	9.949	ppbv 100
15) Acetone	3.82	43	1169361	8.008	ppbv 100
16) 1,3-Butadiene	3.29	39	594464	9.460	ppbv 99
17) tert-Butyl alcohol	4.26	59	1038707	7.995	ppbv 100
18) 1,1-Dichloroethene	4.26	96	491925	9.852	ppbv 99
19) Isopropyl Alcohol	3.93	45	752001	7.722	ppbv 99
20) Methylene Chloride	4.31	84	430381	8.903	ppbv 93
21) Allyl Chloride	4.38	41	837826	10.158	ppbv 99
22) trans-1,2-Dichloroethene	4.86	96	487169	9.849	ppbv 96
23) Vinyl Acetate	5.05	43	1748017	9.440	ppbv 99
24) 1,1-Dichloroethane	4.99	63	1315125	9.221	ppbv 99
25) Ethyl Acetate	5.66	43	2300414	9.379	ppbv 99
26) Hexane	5.67	57	1017910	9.572	ppbv 99
27) Carbon Disulfide	4.52	76	1284733	10.250	ppbv 99
28) Methyl tert-Butyl Ether	5.01	73	1503680	9.285	ppbv 100
29) Chloroform	5.74	83	1609254	9.249	ppbv 97
30) Cyclohexane	7.13	84	857567	10.450	ppbv 99
31) cis-1,2-Dichloroethene	5.53	61	1029033	9.918	ppbv 93
32) 1,1,1-Trichloroethane	6.50	97	1533736	9.761	ppbv 100
34) 2-Butanone	5.22	43	1492340	9.357	ppbv 100
35) Carbon Tetrachloride	7.01	117	1590976	9.823	ppbv 96
36) Benzene	6.89	78	2050282	9.691	ppbv 97
37) 1,2-Dichloroethane	6.30	62	1227502	9.406	ppbv 100
38) Trichloroethene	7.84	130	789164	9.628	ppbv 97
39) 1,2-Dichloropropane	7.62	63	810340	9.554	ppbv 97
40) 1,4-Dioxane	7.83	88	287168	8.330	ppbv 71
41) Tetrahydrofuran	6.03	42	838841	9.990	ppbv 99
42) Bromodichloromethane	7.80	83	1716903	9.755	ppbv 98
43) Methyl Methacrylate	8.02	69	939536	10.517	ppbv 100

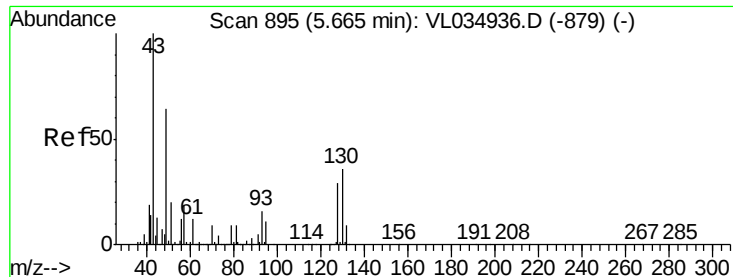
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034984.D
 Acq On : 12 May 2020 11:37
 Operator : SY/AP
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Instrument :
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 VSTDCCC010

Quant Time: May 13 01:03:06 2020
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3575903	9.507	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1034463	11.474	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1236146	11.168	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	863956	9.653	ppbv	98
48) Dibromochloromethane	10.32	129	1435607	10.431	ppbv	100
49) Bromoform	13.07	173	1260744	10.646	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2282473	10.036	ppbv	99
51) 2-Hexanone	10.15	43	1868804	10.506	ppbv #	99
52) Tetrachloroethene	11.24	164	710640	9.446	ppbv	98
53) Toluene	9.82	91	2382670	10.624	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1296076	9.861	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.15	131	1070995	9.604	ppbv	95
57) Chlorobenzene	12.17	112	1819971	9.290	ppbv	99
58) Ethyl Benzene	12.73	91	3211921	10.504	ppbv	100
59) m/p-Xylene	13.02	91	2829089	10.515	ppbv	96
60) o-Xylene	13.72	91	2641867	9.951	ppbv	100
61) Styrene	13.56	104	1894002	11.273	ppbv	99
62) Isopropylbenzene	14.70	105	3871057	9.766	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.71	83	1886327	9.026	ppbv	100
64) n-propylbenzene	15.60	120	1029705	10.128	ppbv	100
65) tert-Butylbenzene	16.78	119	3329983	9.686	ppbv	99
66) Benzyl Chloride	17.03	91	1306450	11.194	ppbv	99
67) sec-Butylbenzene	17.33	105	4751348	9.682	ppbv	100
69) p-Isopropyltoluene	17.69	119	3922755	9.881	ppbv	99
70) n-Butylbenzene	18.59	91	4109934	9.726	ppbv	99
71) 2-Chlorotoluene	15.49	91	3012364	10.068	ppbv	99
72) 4-Ethyltoluene	15.87	105	3077548	10.390	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	2858290	9.916	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	2967616	9.432	ppbv	96
75) 1,3-Dichlorobenzene	17.04	146	1654806	8.957	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	1695415	9.658	ppbv	99
77) 1,2-Dichlorobenzene	17.86	146	1614450	9.275	ppbv	100
78) Hexachloro-1,3-Butadiene	23.42	225	1287670	8.678	ppbv	99
79) Naphthalene	22.26	128	2905112	11.857	ppbv	100
80) Naphthalene, 2-methyl-	25.01	142	1190059	19.760	ppbv	98
81) 1,2,4-Trichlorobenzene	21.98	180	1522921	10.250	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

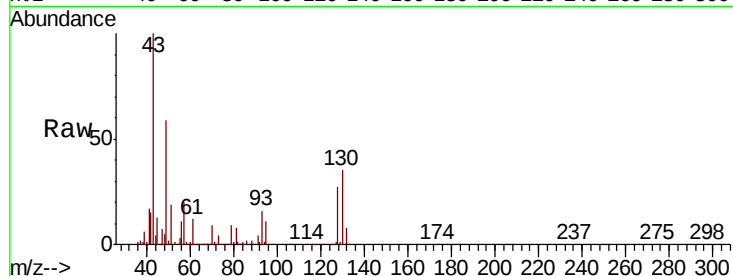
Lab File: VL034984.D

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Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 49 Resp: 1104541

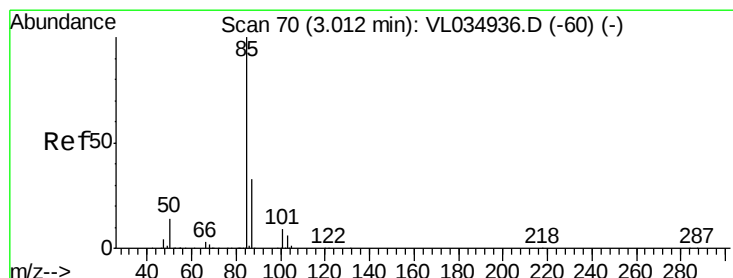
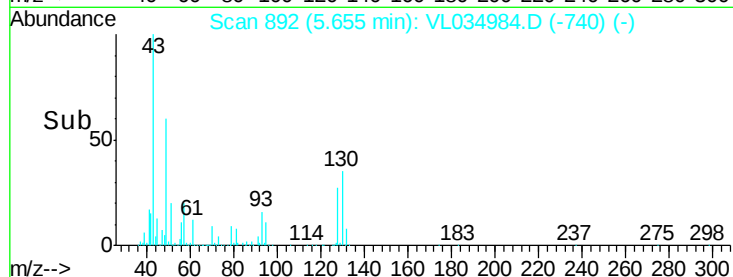
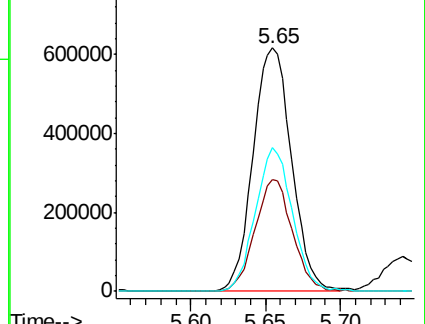
Ion	Ratio	Lower	Upper
49	100		
128	44.7	22.1	66.5
130	57.0	29.1	87.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.284 ppbv

RT: 3.01 min Scan# 68

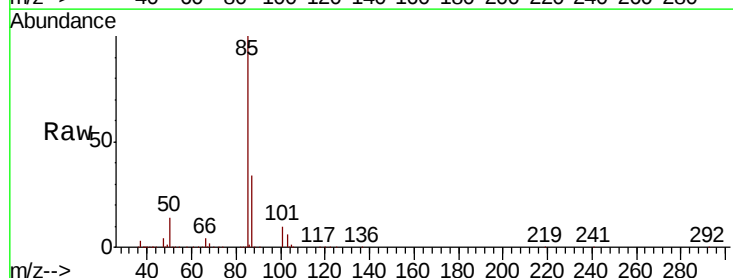
Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

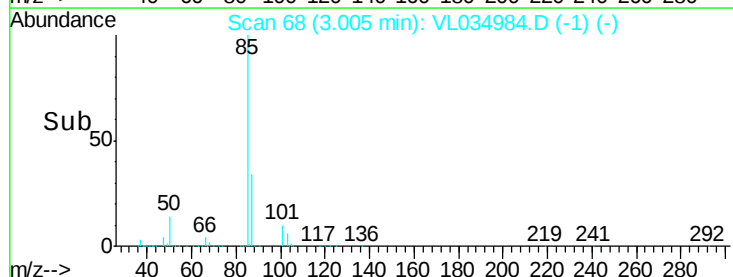
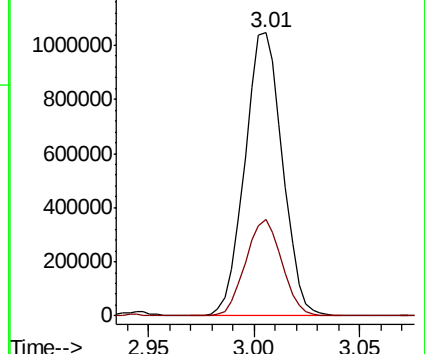
Tgt Ion: 85 Resp: 1298568

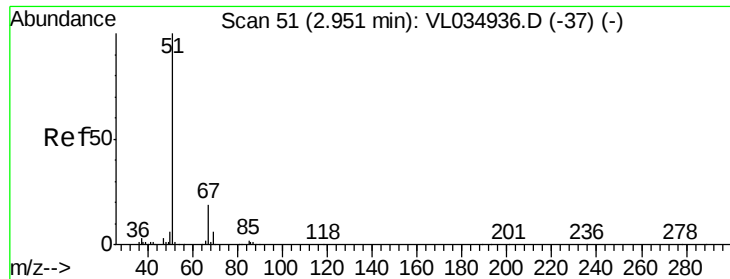
Ion	Ratio	Lower	Upper
85	100		
87	34.0	26.2	39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

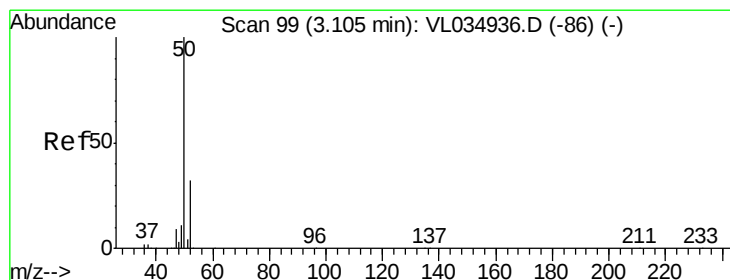
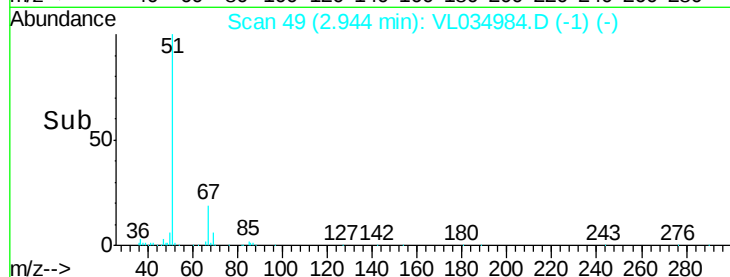
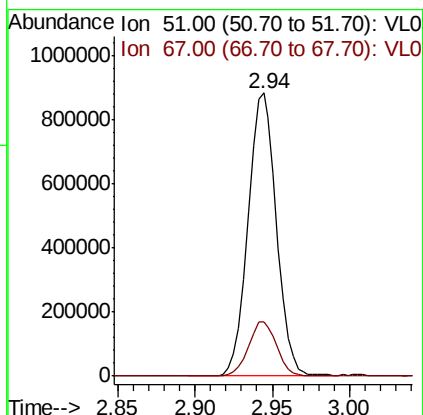
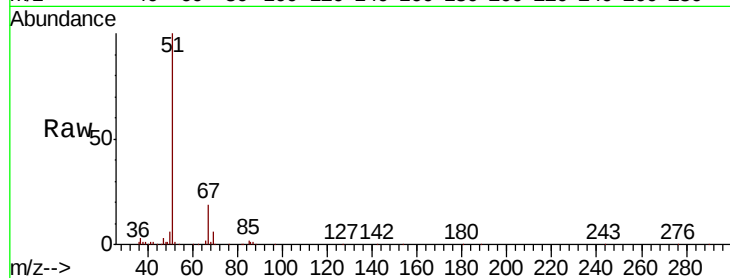




#3
Chlorodifluoromethane
Concen: 8.951 ppbv
RT: 2.94 min Scan# 49
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

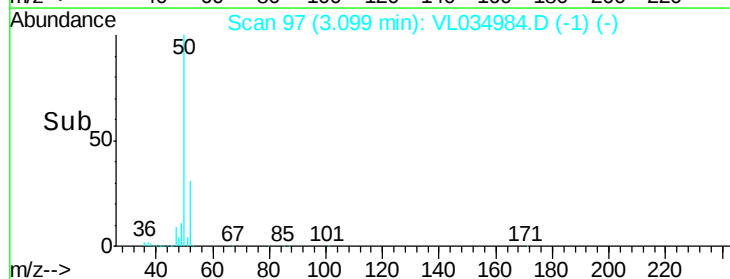
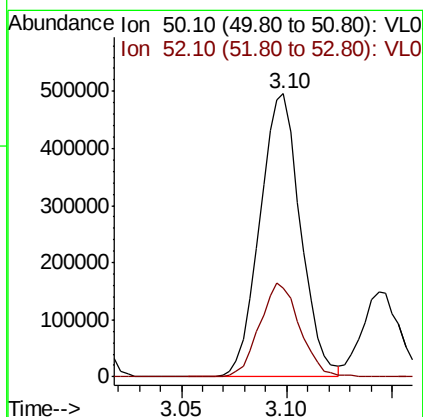
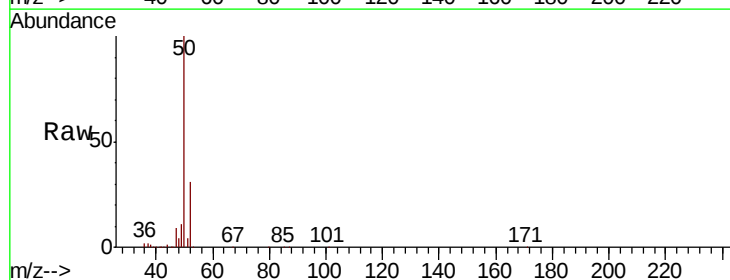
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

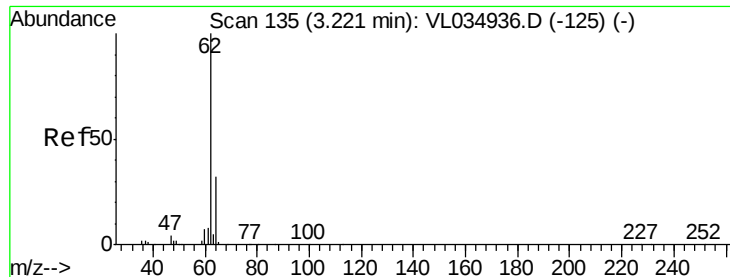
Tot Ion: 51 Resp: 1128793
Ion Ratio Lower Upper
51 100
67 19.1 15.0 22.6



#4
Chloromethane
Concen: 9.215 ppbv
RT: 3.10 min Scan# 97
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 50 Resp: 665958
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2





#5

Vinyl Chloride

Concen: 9.129 ppbv

RT: 3.21 min Scan# 133

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

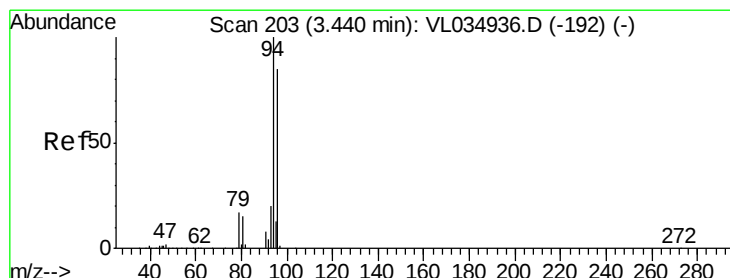
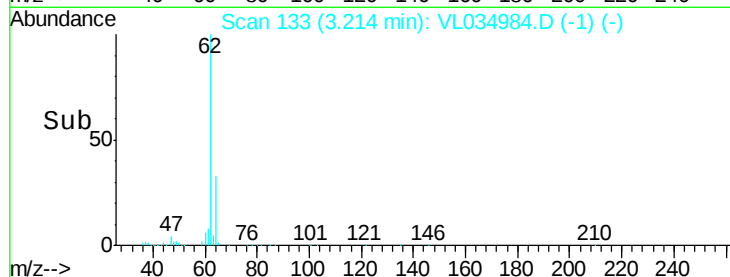
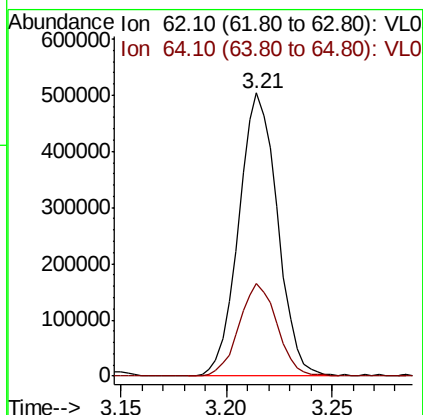
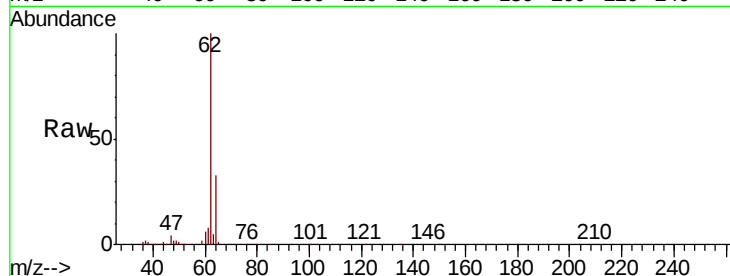
VSTDCCC010

Tot Ion: 62 Resp: 643622

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5



#6

Bromomethane

Concen: 9.260 ppbv

RT: 3.43 min Scan# 201

Delta R.T. -0.01 min

Lab File: VL034984.D

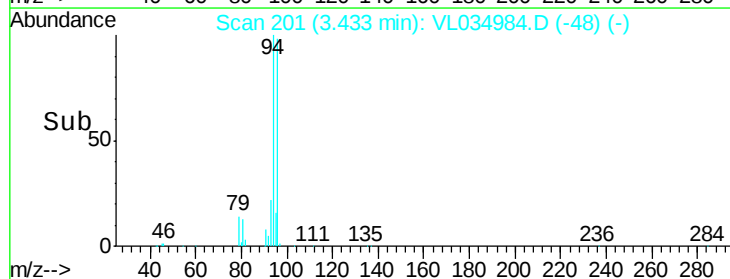
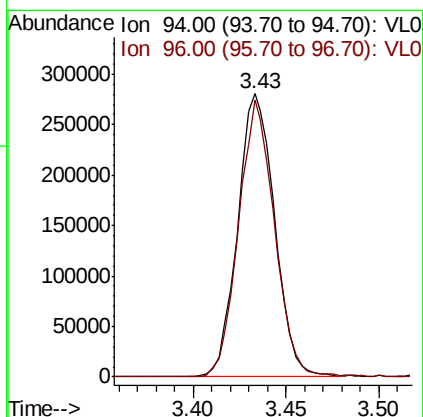
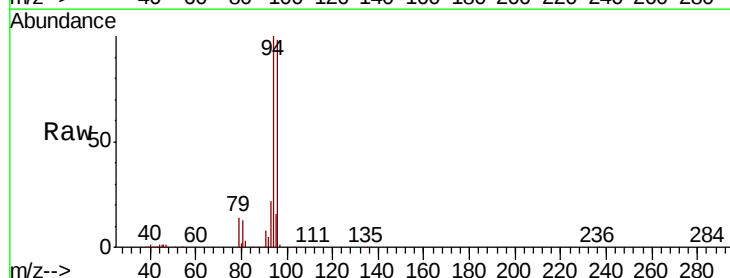
Acq: 12 May 2020 11:37

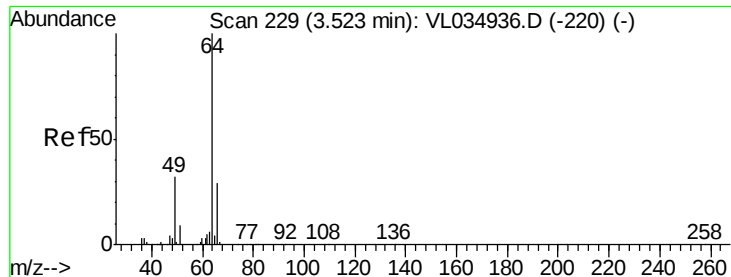
Tgt Ion: 94 Resp: 389791

Ion Ratio Lower Upper

94 100

96 97.9 67.9 101.9





#7

Chloroethane

Concen: 9.409 ppbv

RT: 3.52 min Scan# 228

Delta R.T. -0.00 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

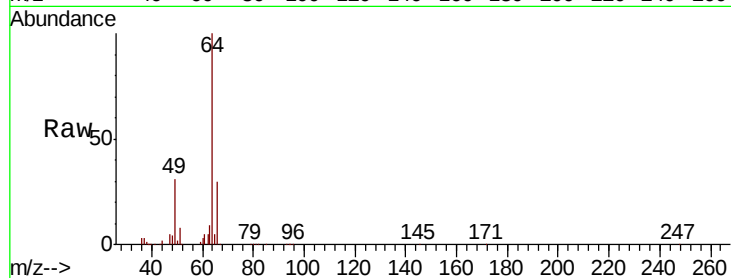
VSTDCCC010

Tot Ion: 64 Resp: 238248

Ion Ratio Lower Upper

64 100

66 30.5 23.2 34.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.52

200000

150000

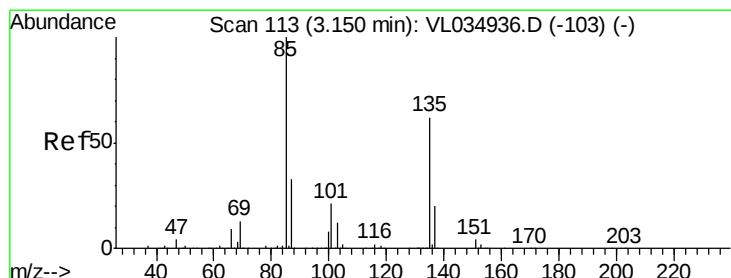
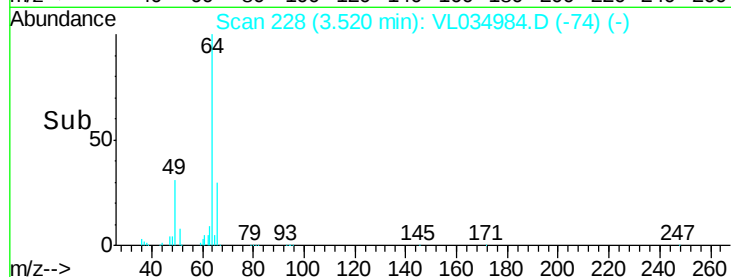
100000

50000

0

3.50 3.55

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.101 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL034984.D

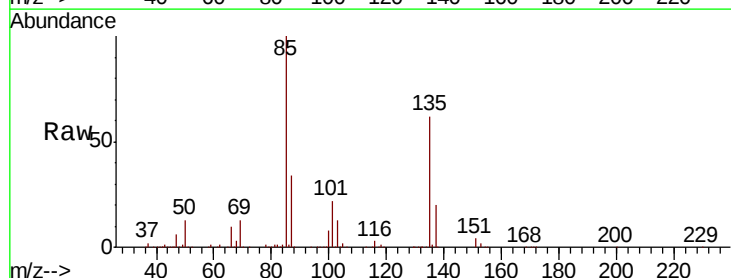
Acq: 12 May 2020 11:37

Tgt Ion: 85 Resp: 1476556

Ion Ratio Lower Upper

85 100

135 63.9 50.9 76.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.14

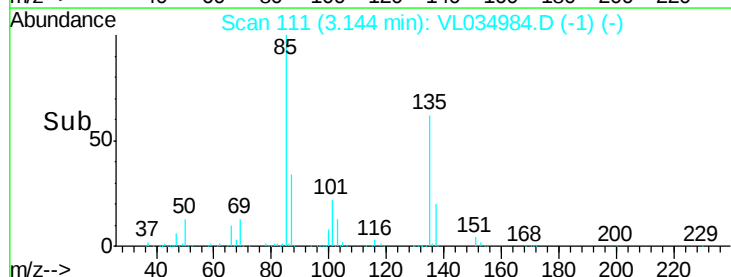
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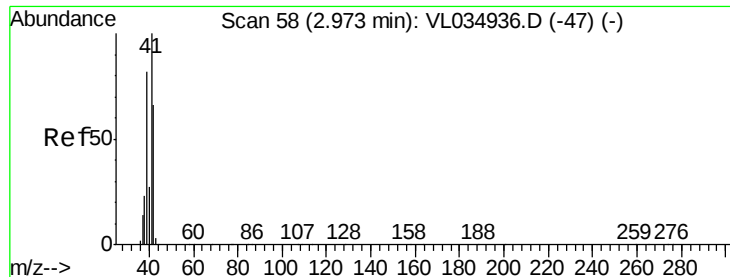
500000

0

3.10 3.15 3.20

Time-->





#9

Propene

Concen: 8.959 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

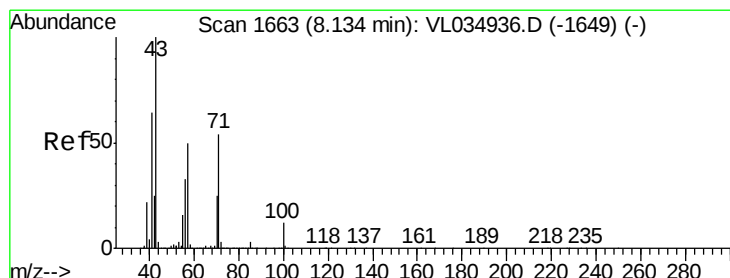
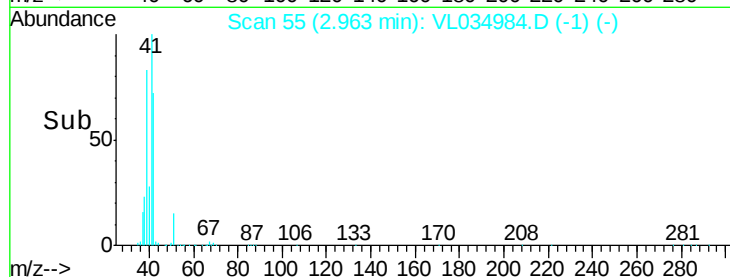
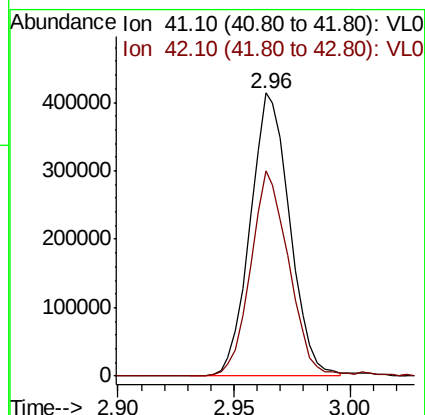
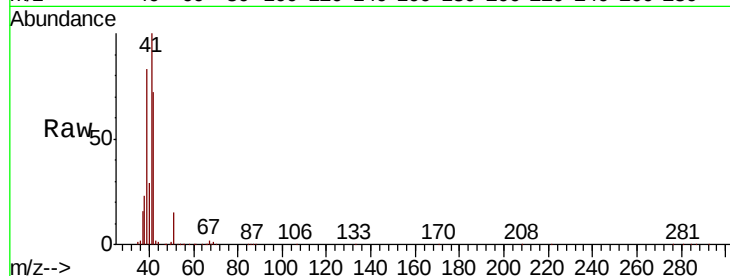
VSTDCCC010

Tot Ion: 41 Resp: 490231

Ion Ratio Lower Upper

41 100

42 71.2 54.5 81.7



#10

Heptane

Concen: 10.117 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.01 min

Lab File: VL034984.D

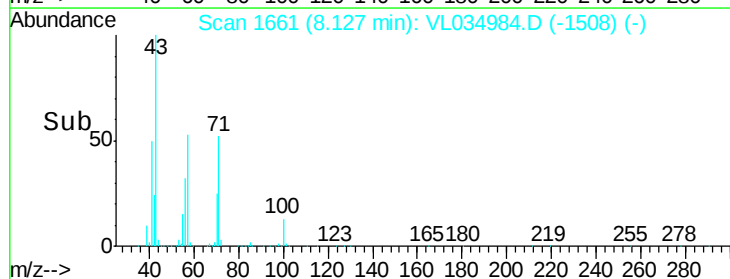
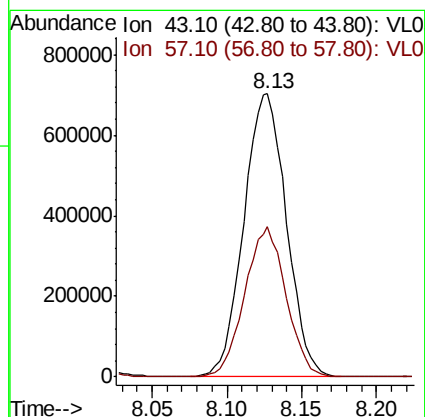
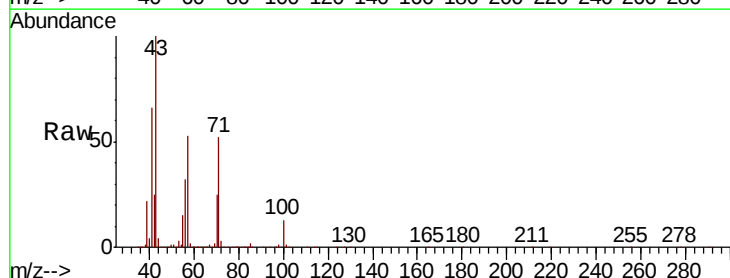
Acq: 12 May 2020 11:37

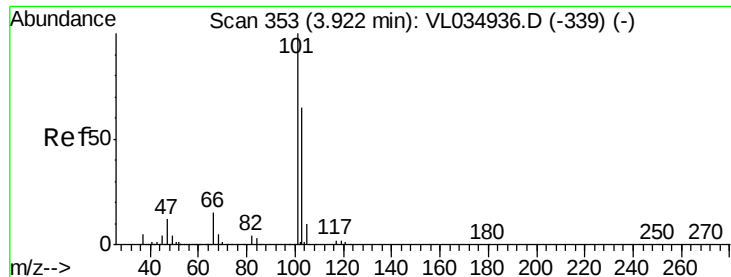
Tgt Ion: 43 Resp: 1386895

Ion Ratio Lower Upper

43 100

57 51.5 41.1 61.7

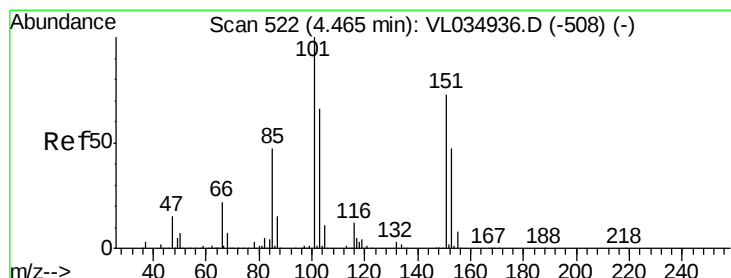
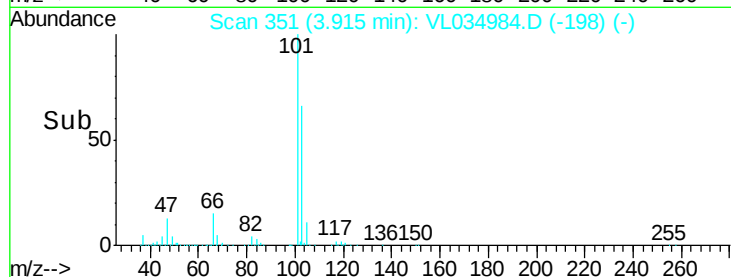
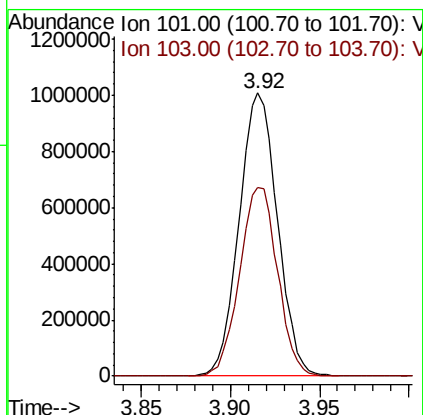
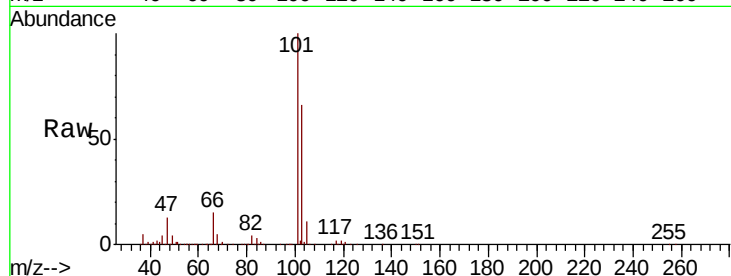




#11
 Trichlorofluoromethane
 Concen: 9.376 ppbv
 RT: 3.92 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

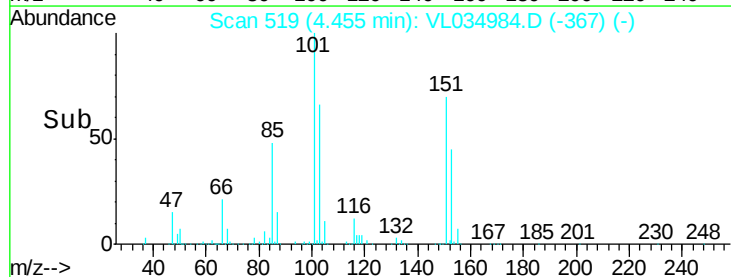
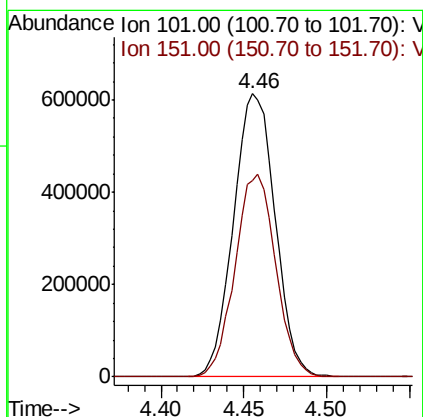
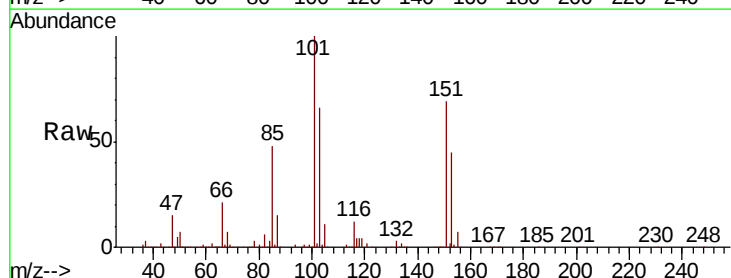
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

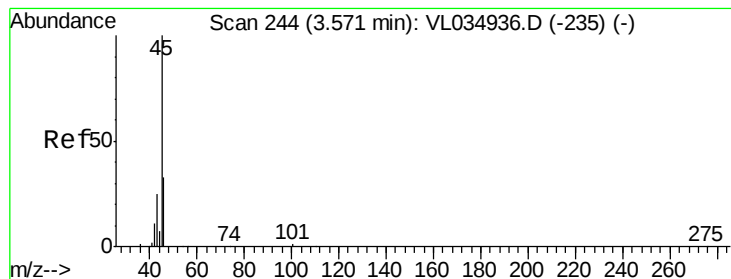
Tot Ion:101 Resp: 1515484
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.338 ppbv
 RT: 4.46 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion:101 Resp: 1074731
 Ion Ratio Lower Upper
 101 100
 151 70.1 57.6 86.4





#13

Ethanol

Concen: 6.993 ppbv

RT: 3.57 min Scan# 243

Delta R.T. -0.00 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

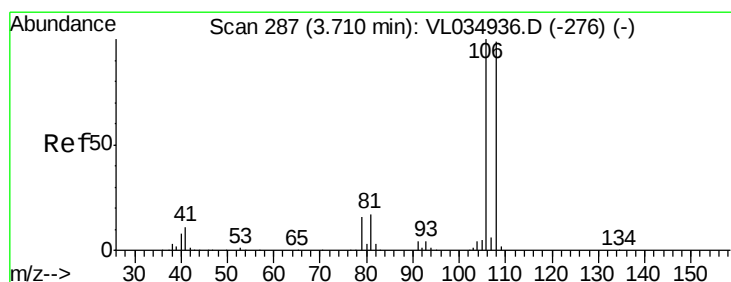
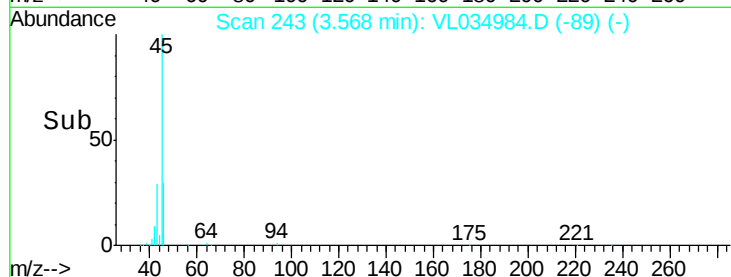
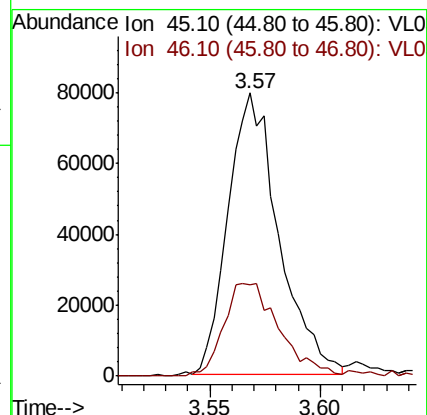
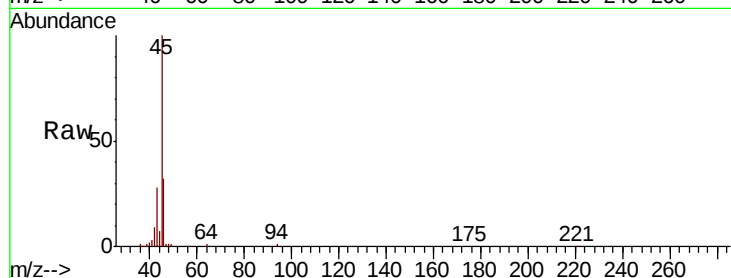
VSTDCCC010

Tot Ion: 45 Resp: 126272

Ion Ratio Lower Upper

45 100

46 37.2 14.3 57.3



#14

Bromoethene

Concen: 9.949 ppbv

RT: 3.70 min Scan# 285

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

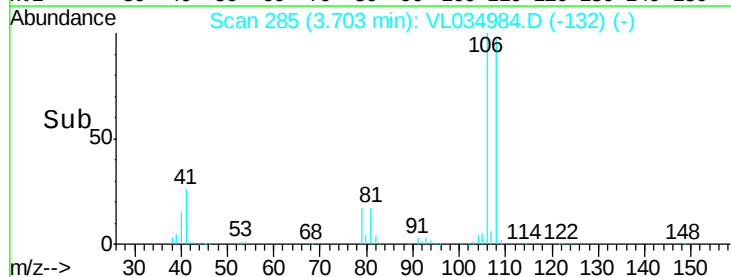
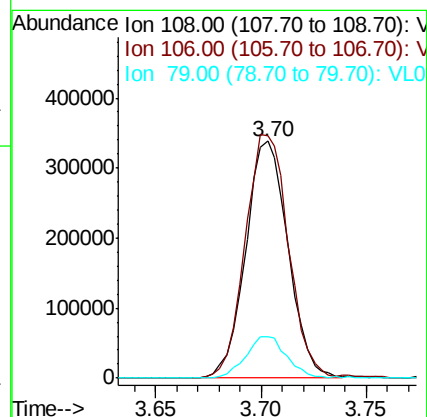
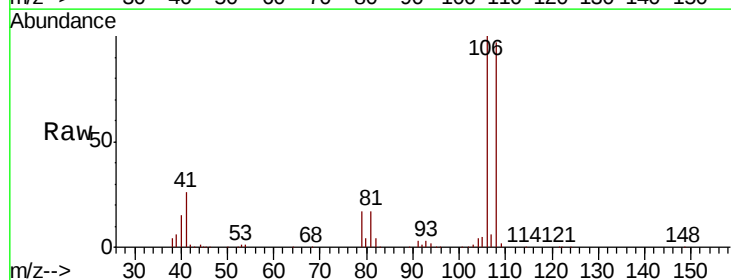
Tgt Ion: 108 Resp: 473226

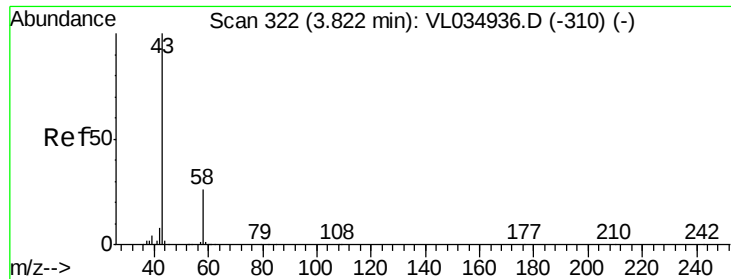
Ion Ratio Lower Upper

108 100

106 105.8 84.9 127.3

79 17.4 14.1 21.1

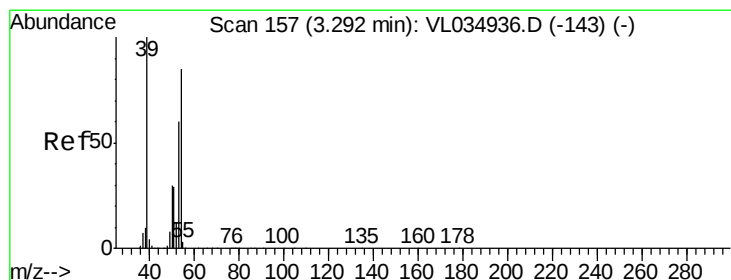
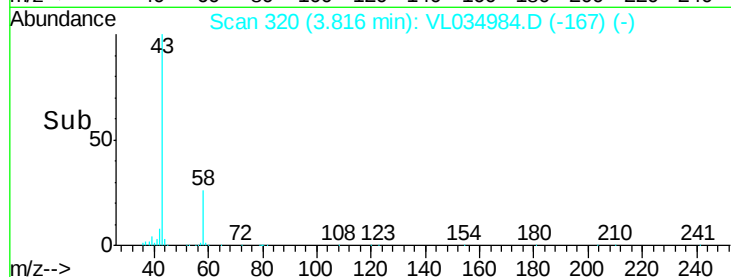
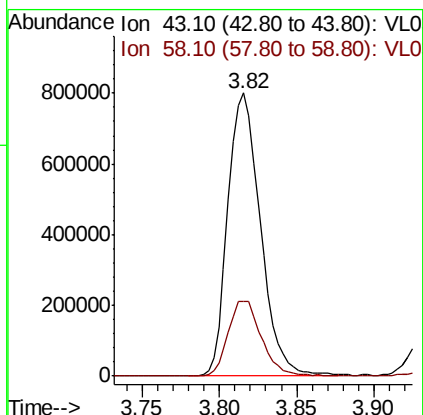
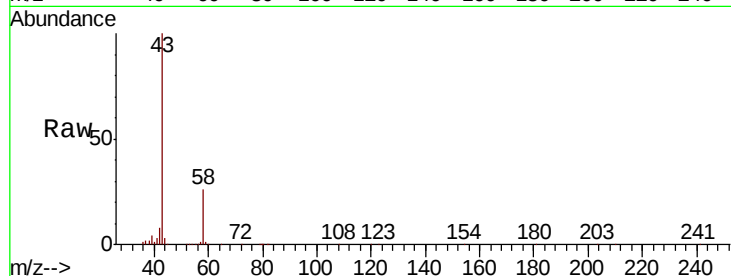




#15
Acetone
Concen: 8.008 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

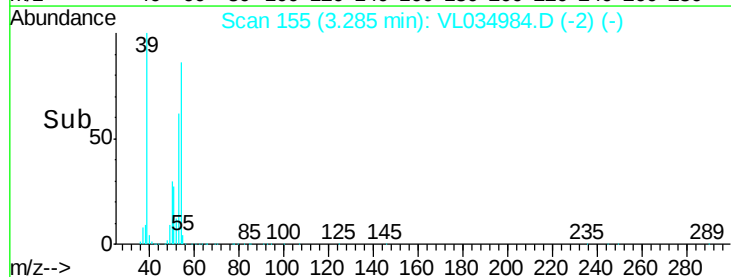
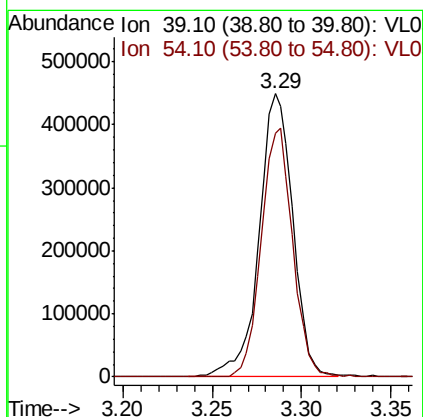
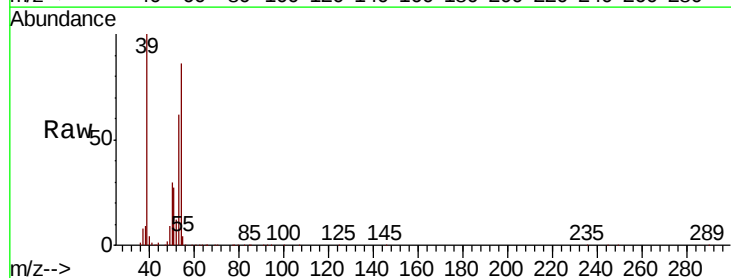
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

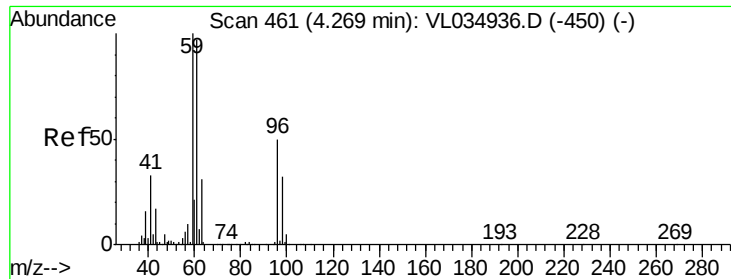
Tot Ion: 43 Resp: 1169361
Ion Ratio Lower Upper
43 100
58 27.3 21.7 32.5



#16
1,3-Butadiene
Concen: 9.460 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 39 Resp: 594464
Ion Ratio Lower Upper
39 100
54 82.1 66.6 100.0



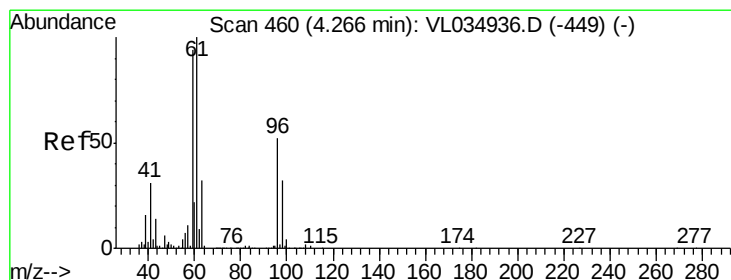
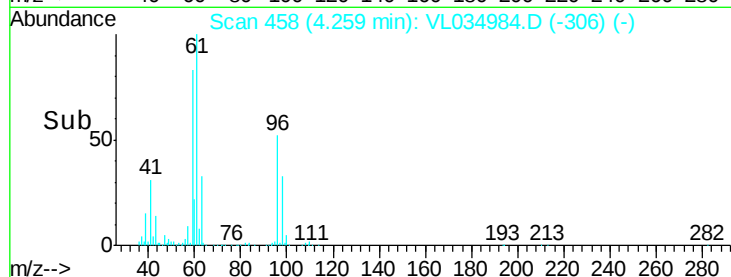
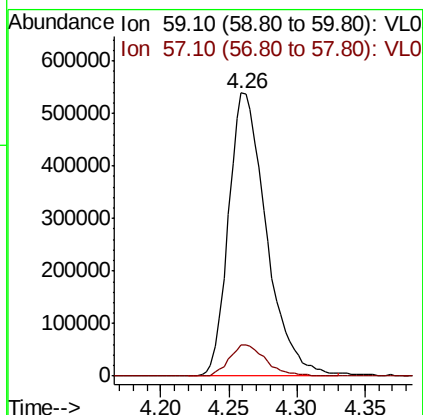
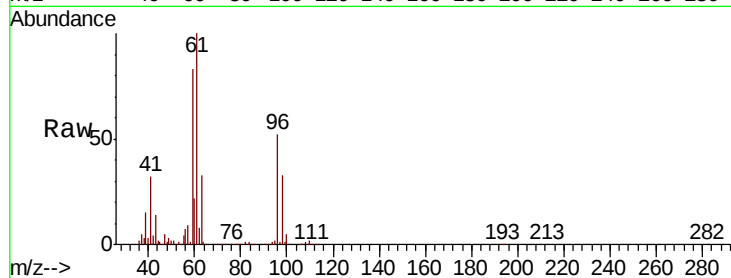


#17

tert-Butyl alcohol
 Concen: 7.995 ppbv
 RT: 4.26 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

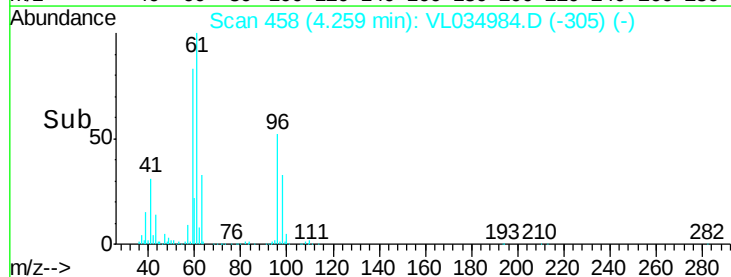
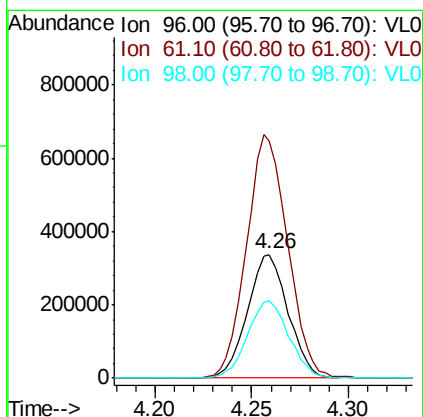
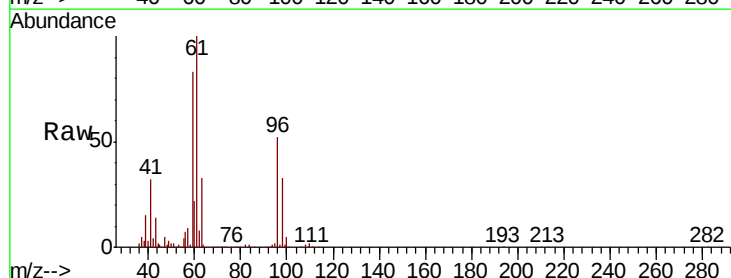
Tot Ion: 59 Resp: 1038707
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.7 13.1

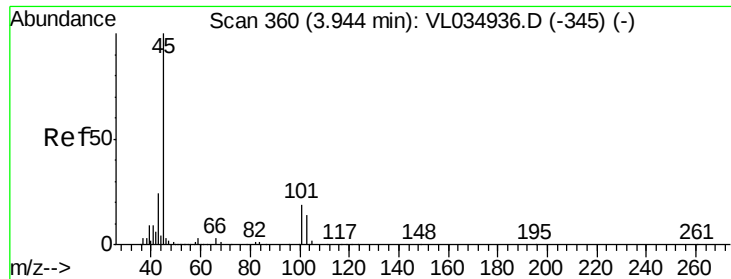


#18

1,1-Dichloroethene
 Concen: 9.852 ppbv
 RT: 4.26 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion: 96 Resp: 491925
 Ion Ratio Lower Upper
 96 100
 61 191.1 152.4 228.6
 98 62.4 48.8 73.2





#19

Isopropyl Alcohol

Concen: 7.722 ppbv

RT: 3.93 min Scan# 357

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

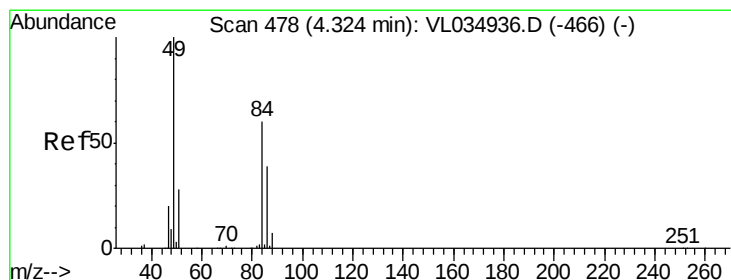
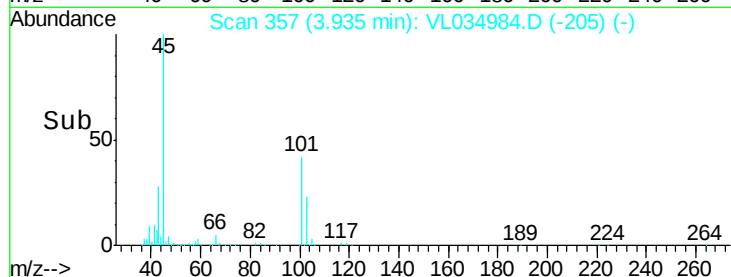
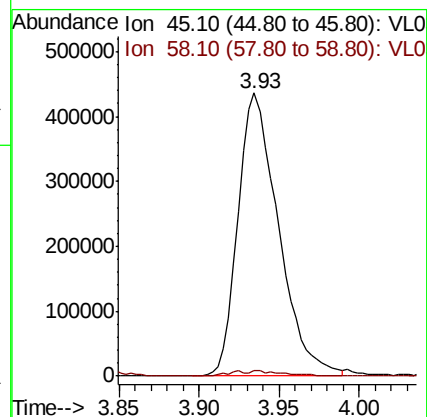
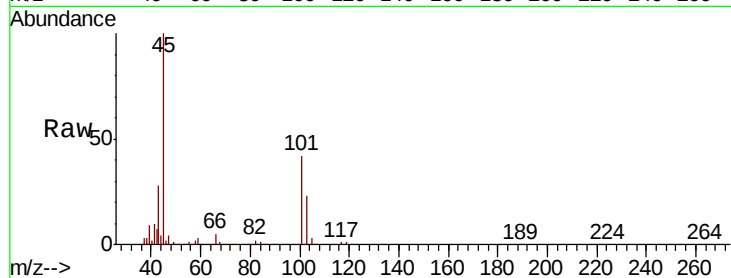
VSTDCCC010

Tot Ion: 45 Resp: 752001

Ion Ratio Lower Upper

45 100

58 2.5 1.7 2.5



#20

Methylene Chloride

Concen: 8.903 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Tgt Ion: 84 Resp: 430381

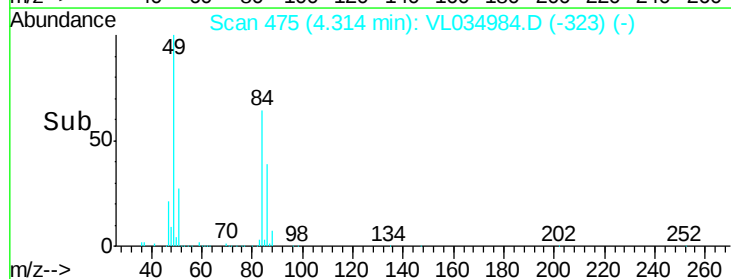
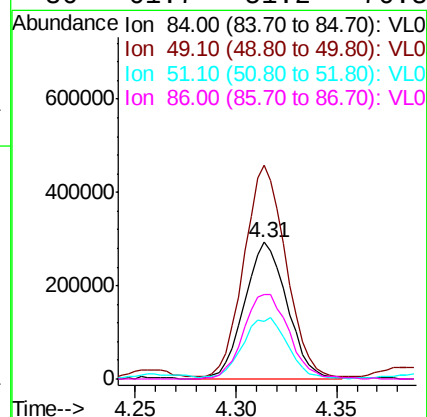
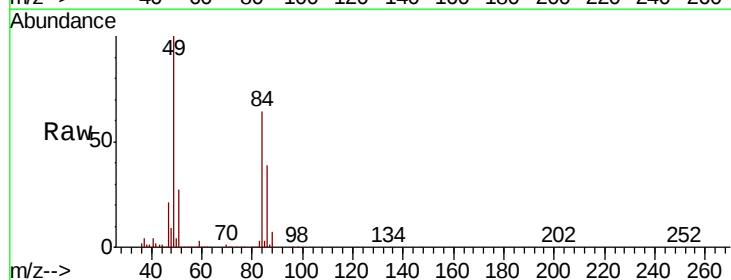
Ion Ratio Lower Upper

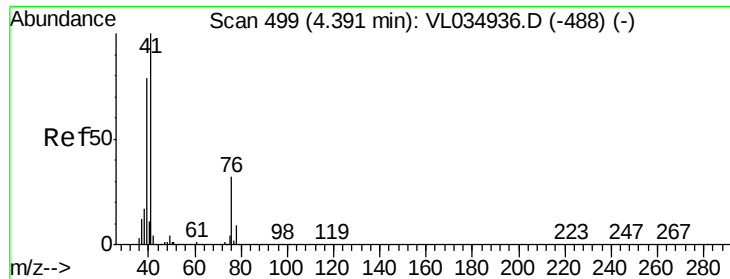
84 100

49 155.4 132.5 198.7

51 41.9 38.4 57.6

86 61.7 51.2 76.8

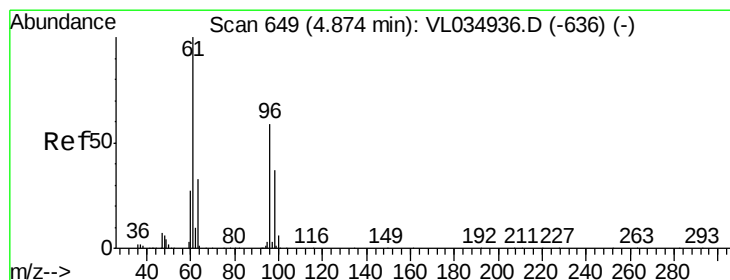
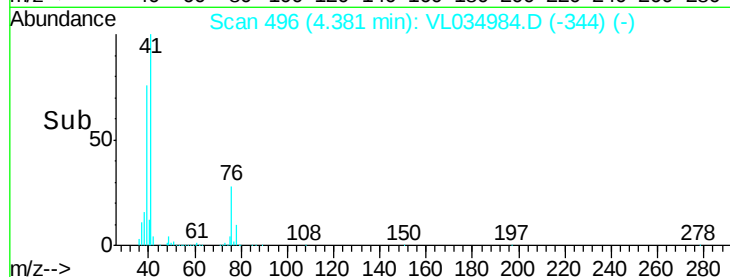
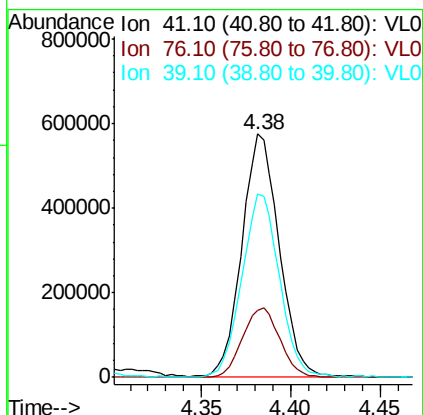
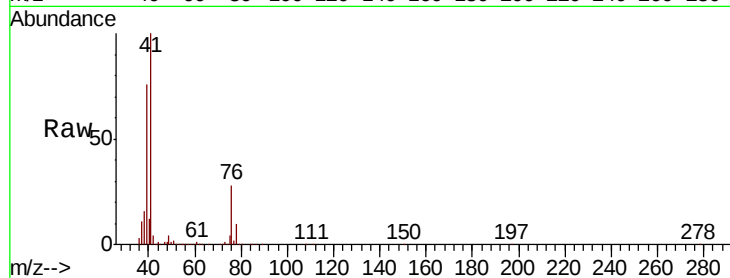




#21
Allvl Chloride
Concen: 10.158 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

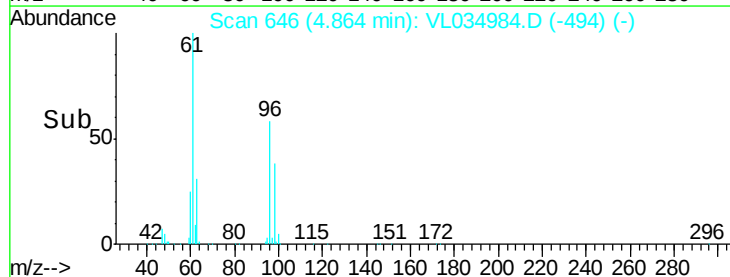
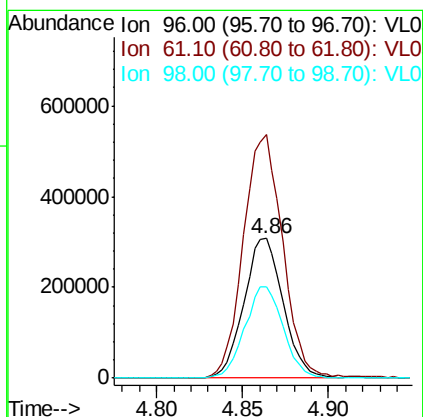
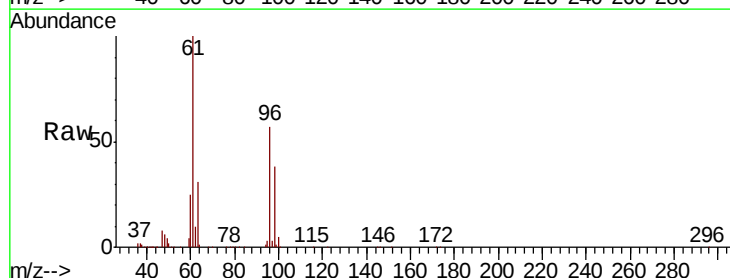
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

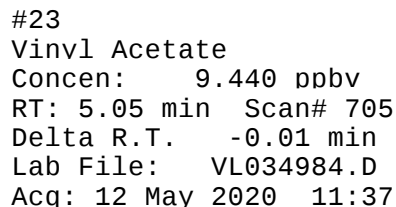
Tot Ion	Ratio	Lower	Upper
41	100		
76	29.0	23.6	35.4
39	76.0	61.9	92.9



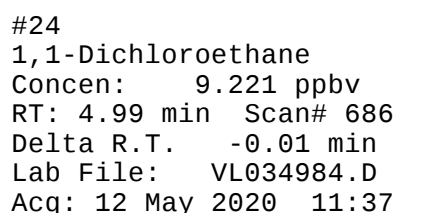
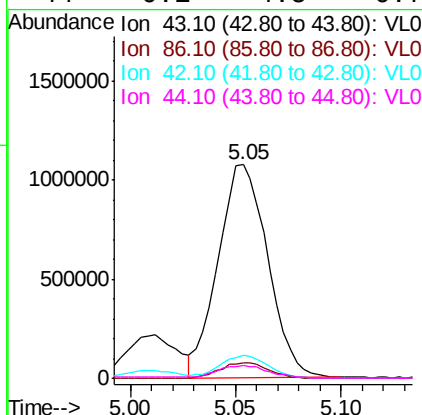
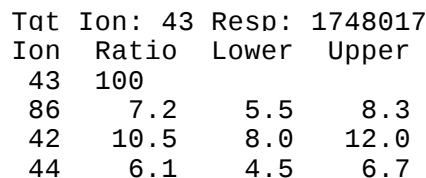
#22
trans-1,2-Dichloroethene
Concen: 9.849 ppbv
RT: 4.86 min Scan# 646
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.5	135.3	202.9
98	65.8	50.4	75.6

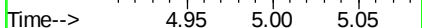
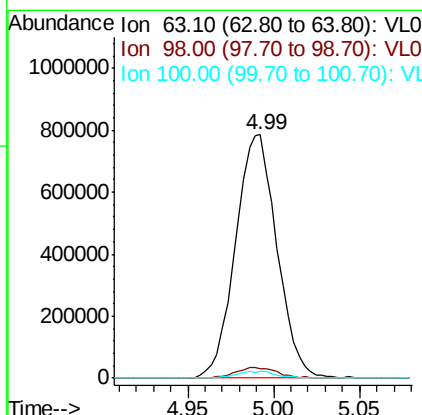


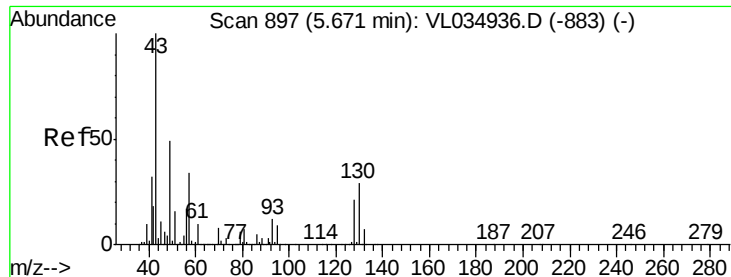


Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt	Ion: 63	Resp: 1315125
Ion	Ratio	Lower Upper
63	100	
98	3.9	2.0 6.0
100	2.8	1.1 3.5



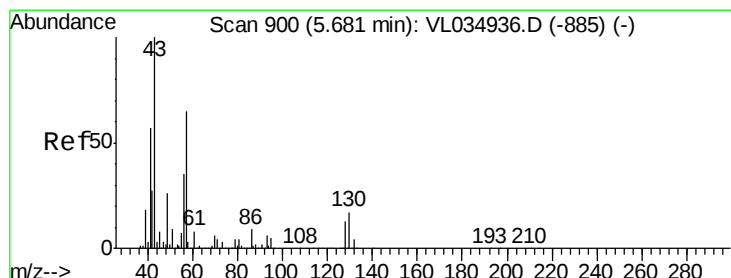
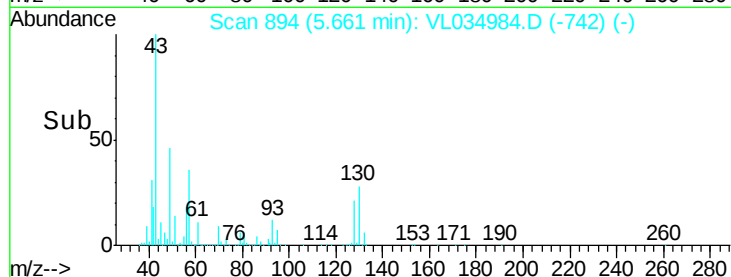
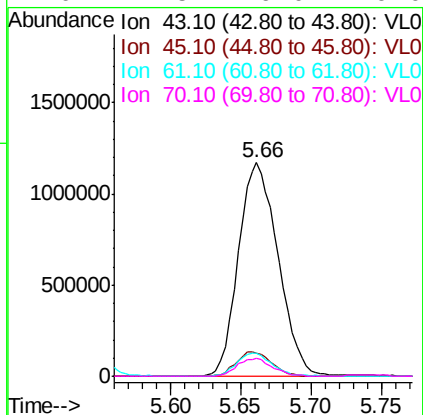
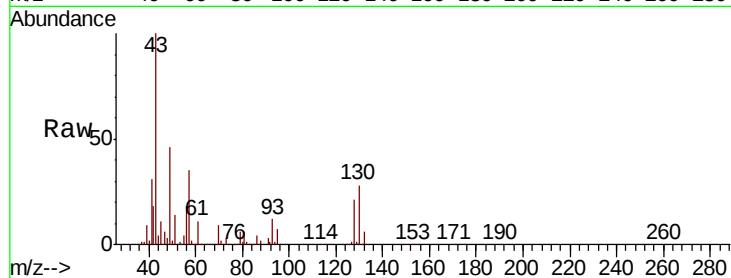


#25
Ethyl Acetate
Concen: 9.379 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 2300414

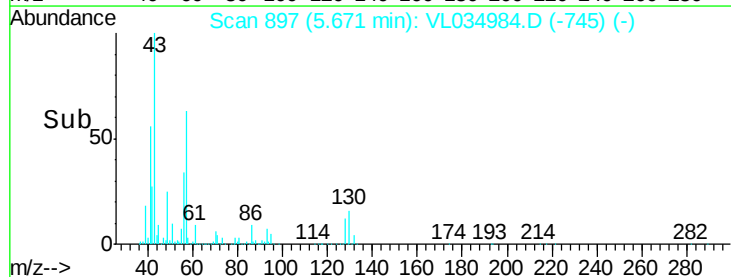
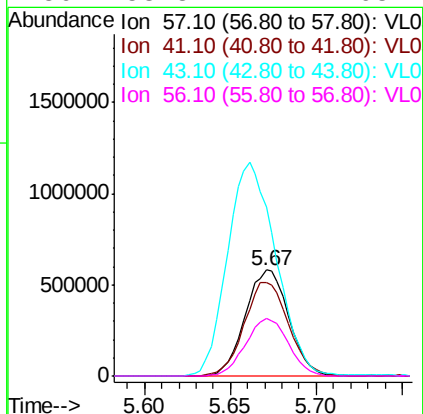
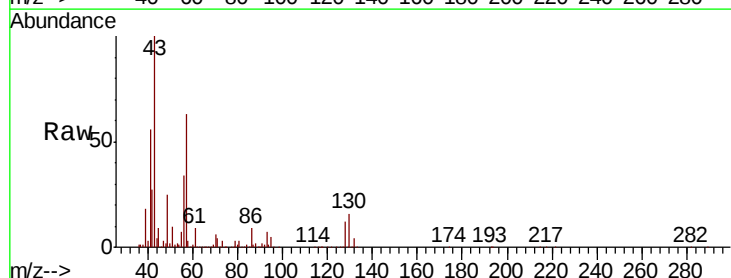
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	10.0	7.8	11.8
70	7.5	6.0	9.0

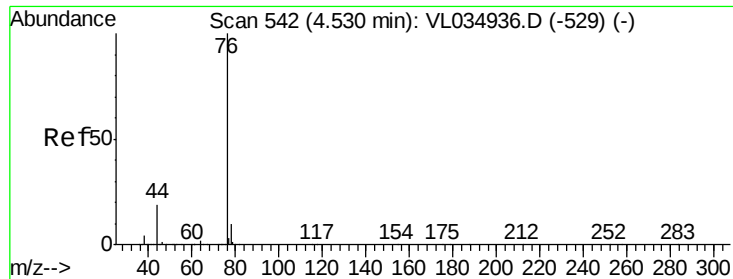


#26
Hexane
Concen: 9.572 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 57 Resp: 1017910

Ion	Ratio	Lower	Upper
57	100		
41	90.7	72.7	109.1
43	226.9	182.1	273.1
56	53.8	42.2	63.2

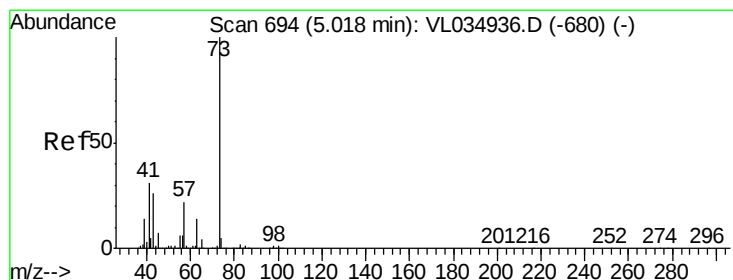
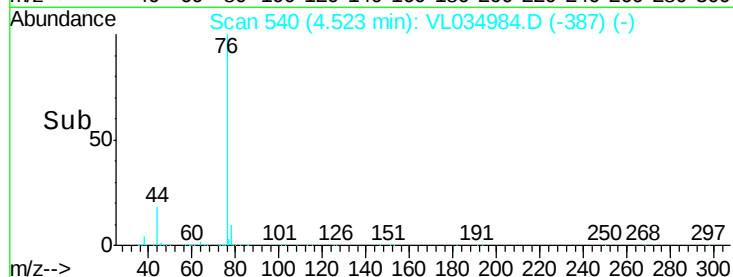
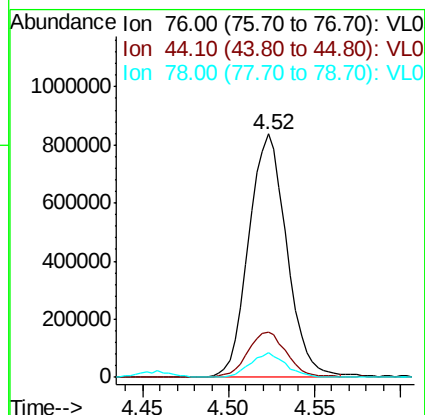
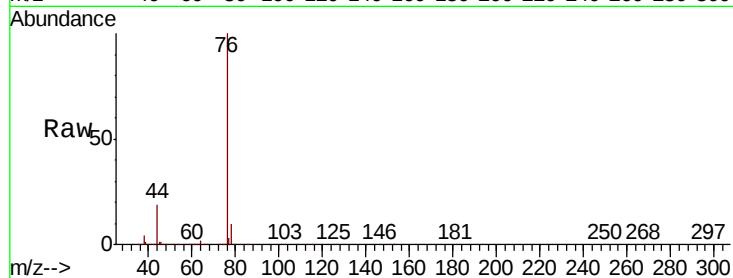




#27
Carbon Disulfide
Concen: 10.250 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

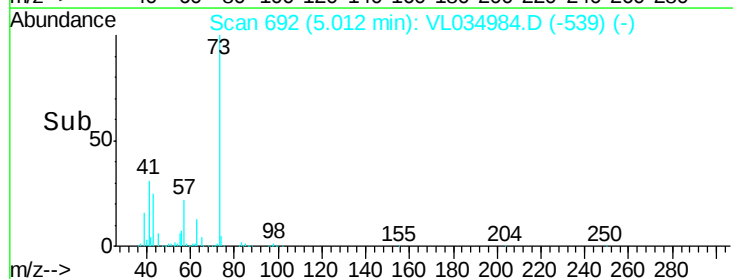
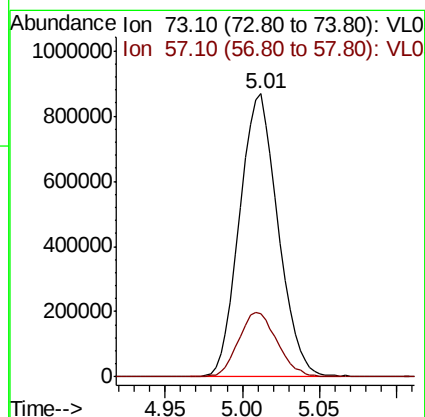
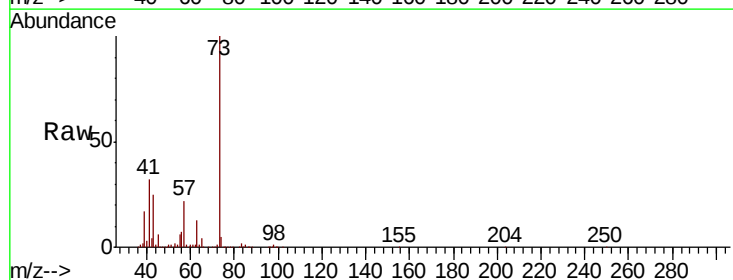
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

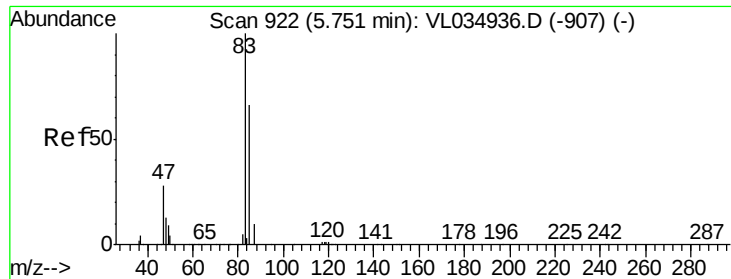
Tot Ion: 76 Resp: 1284733
Ion Ratio Lower Upper
76 100
44 18.7 15.2 22.8
78 9.6 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 9.285 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 73 Resp: 1503680
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5





#29

Chloroform

Concen: 9.249 ppbv

RT: 5.74 min Scan# 918

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

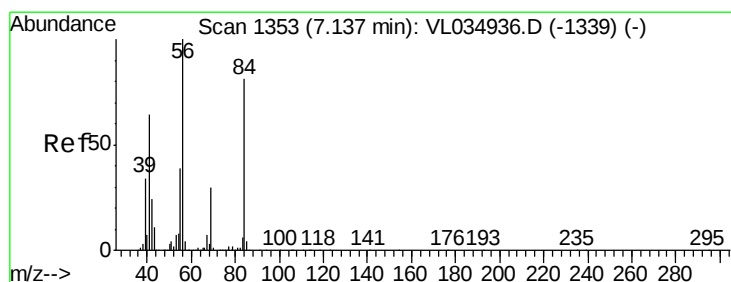
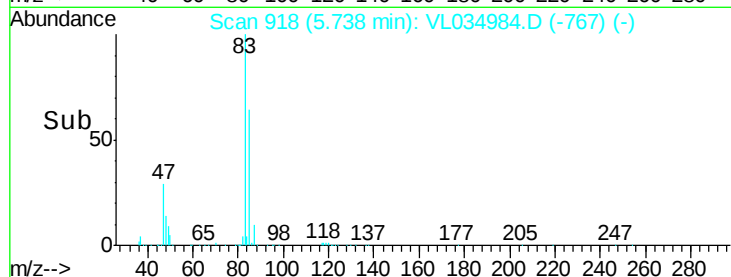
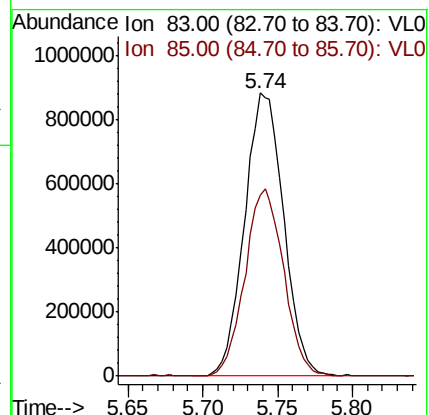
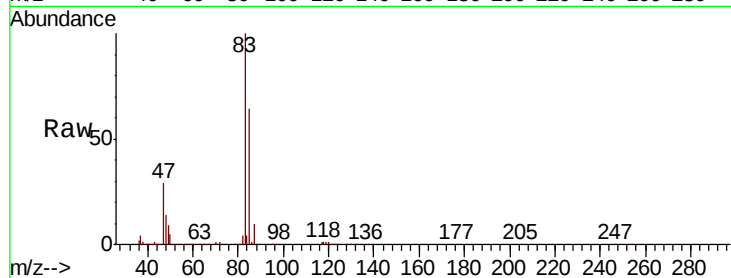
VSTDCCC010

Tot Ion: 83 Resp: 1609254

Ion Ratio Lower Upper

83 100

85 63.8 53.0 79.6



#30

Cyclohexane

Concen: 10.450 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

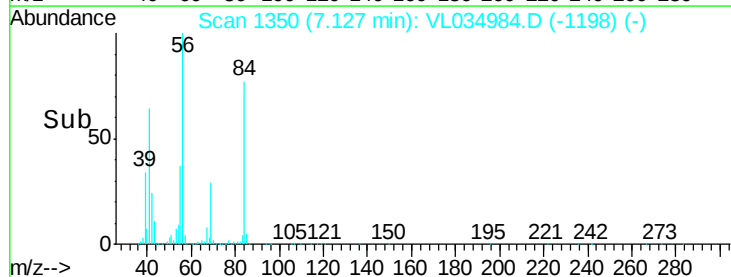
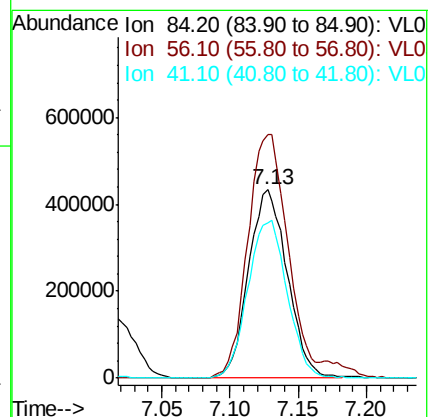
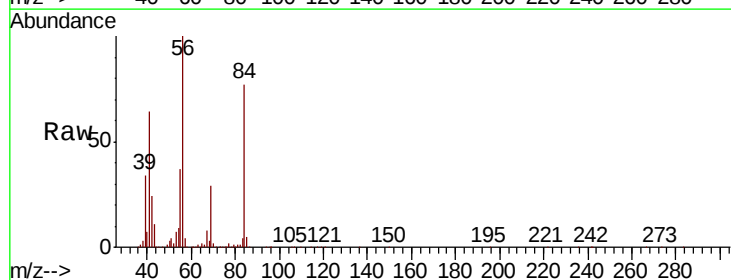
Tgt Ion: 84 Resp: 857567

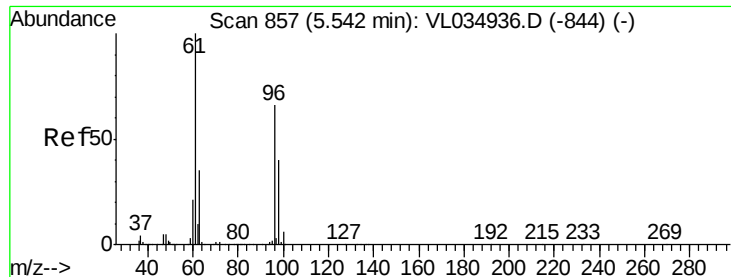
Ion Ratio Lower Upper

84 100

56 139.4 111.4 167.2

41 85.1 66.7 100.1



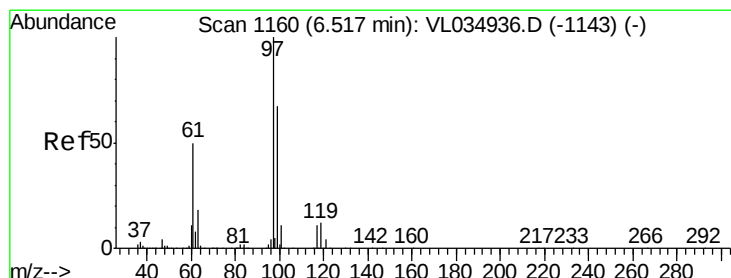
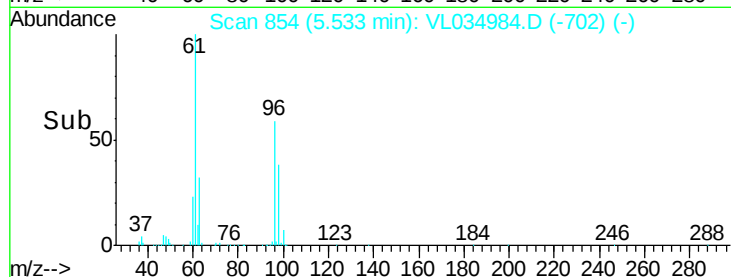
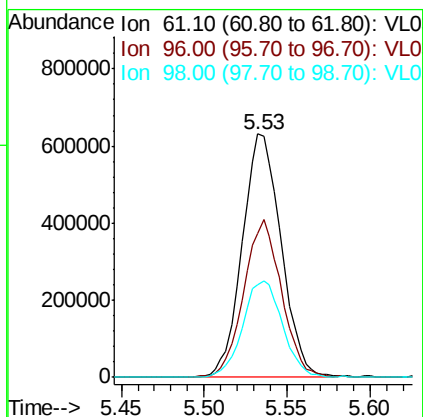
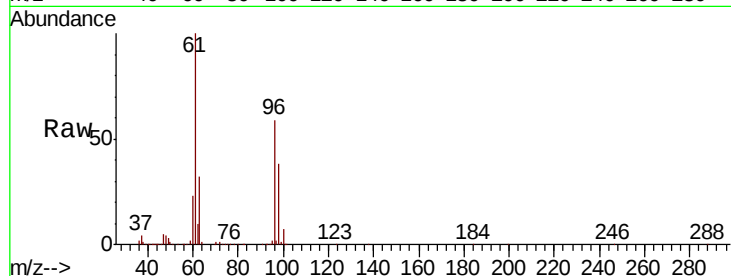


#31

cis-1,2-Dichloroethene
 Concen: 9.918 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

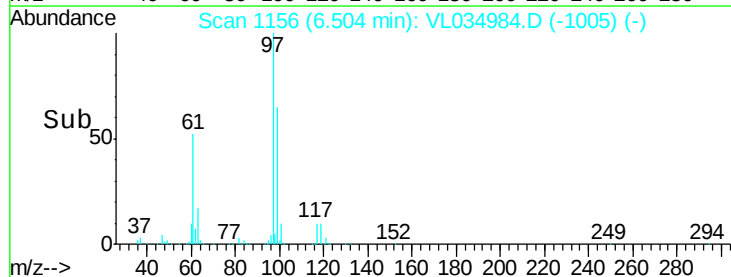
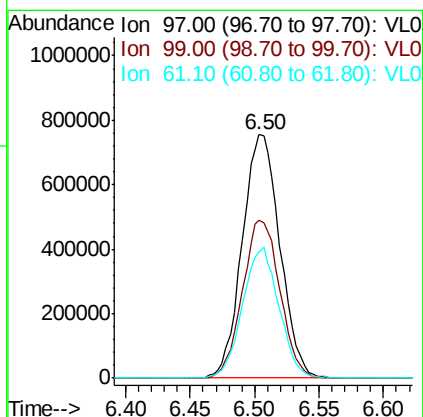
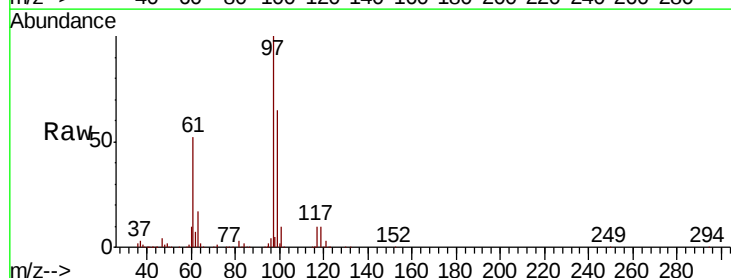
Tot Ion: 61 Resp: 1029033
 Ion Ratio Lower Upper
 61 100
 96 59.3 53.0 79.6
 98 38.1 32.2 48.2

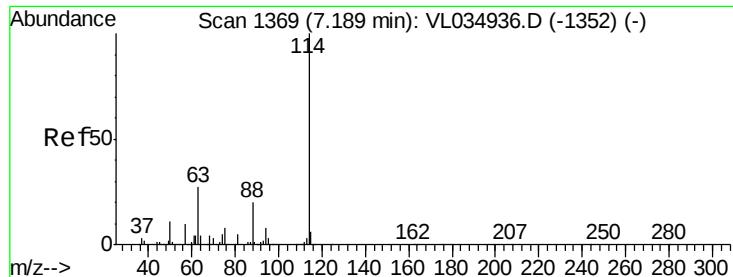


#32

1,1,1-Trichloroethane
 Concen: 9.761 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion: 97 Resp: 1533736
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.1 78.1
 61 52.1 41.8 62.8

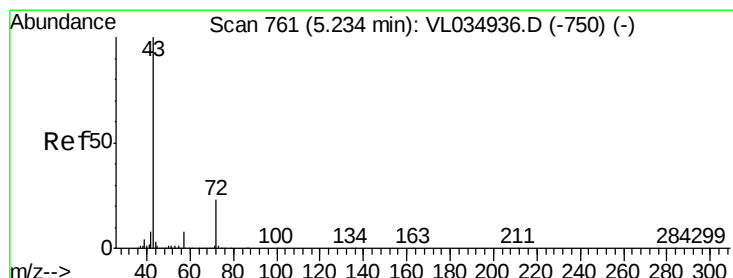
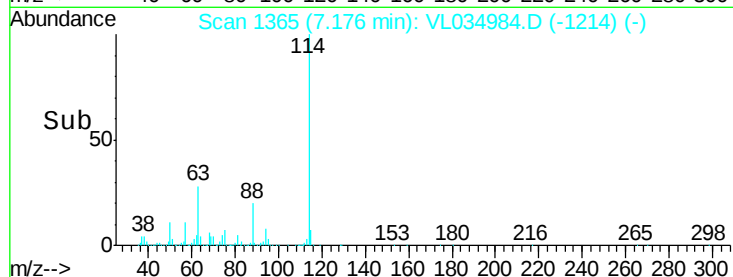
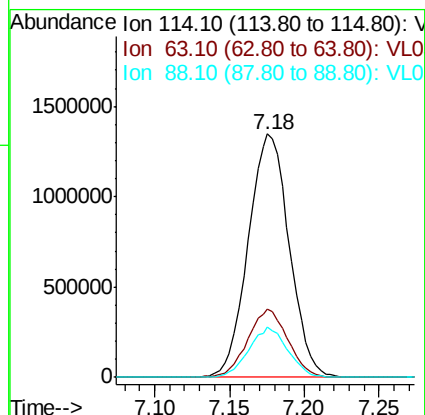
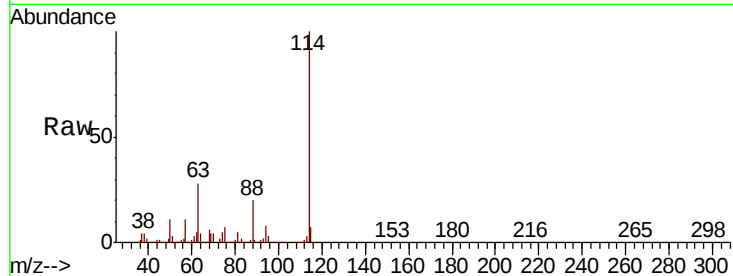




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

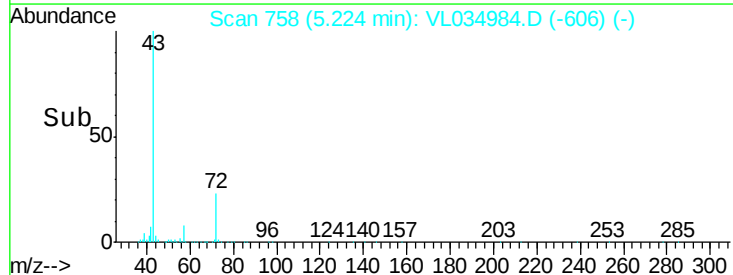
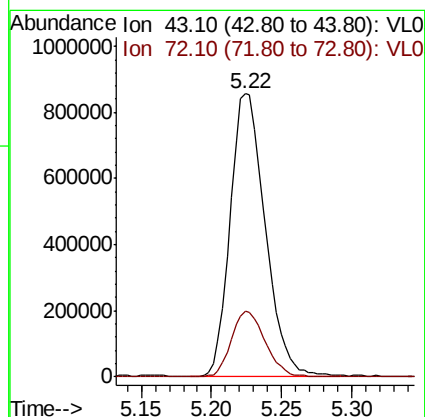
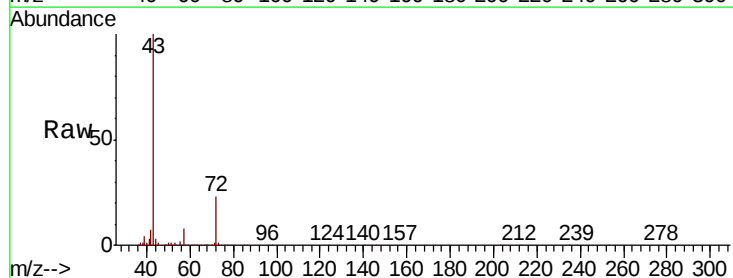
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

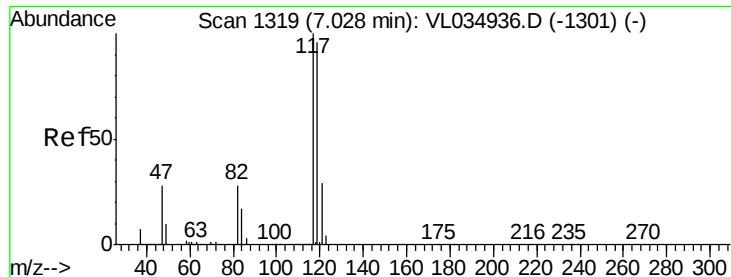
Tot Ion:114 Resp: 2566138
 Ion Ratio Lower Upper
 114 100
 63 27.8 22.2 33.4
 88 19.6 15.5 23.3



#34
 2-Butanone
 Concen: 9.357 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion: 43 Resp: 1492340
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.0 27.0





#35

Carbon Tetrachloride

Concen: 9.823 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

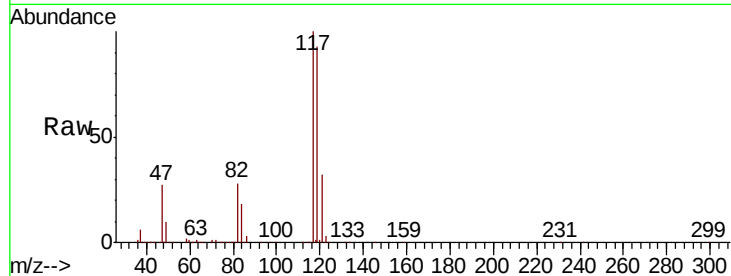
Tot Ion:117 Resp: 1590976

Ion Ratio Lower Upper

117 100

119 92.8 77.0 115.6

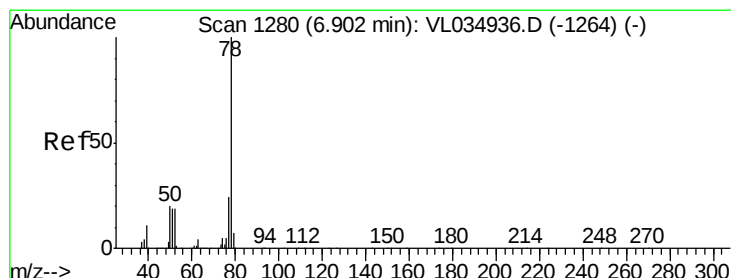
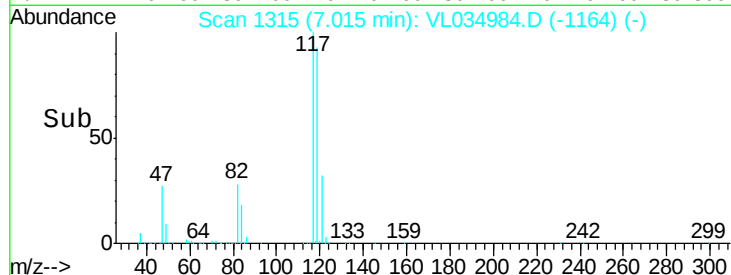
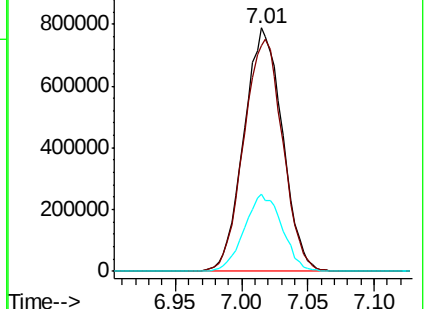
121 31.9 23.0 34.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.691 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

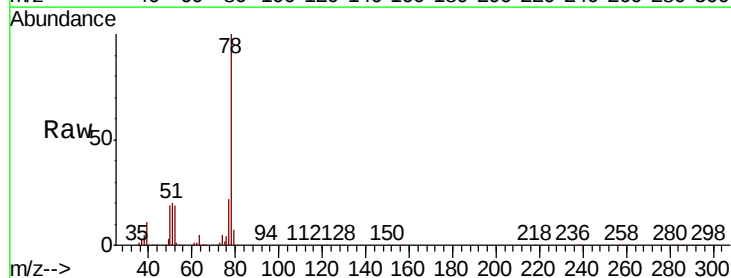
Tgt Ion: 78 Resp: 2050282

Ion Ratio Lower Upper

78 100

77 22.1 19.0 28.6

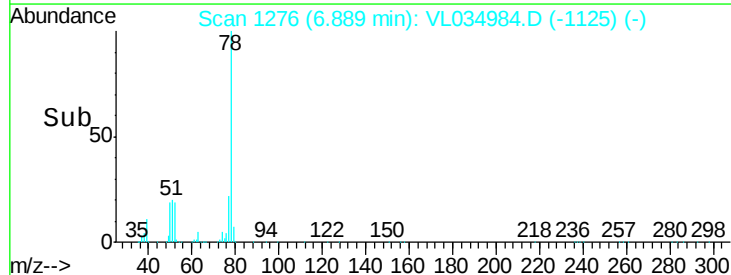
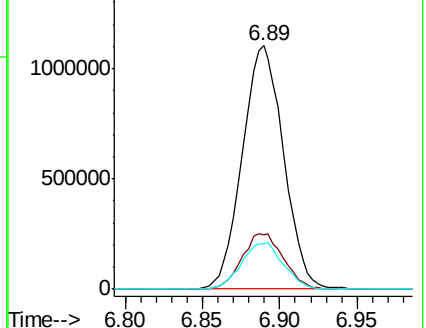
50 18.6 15.8 23.8

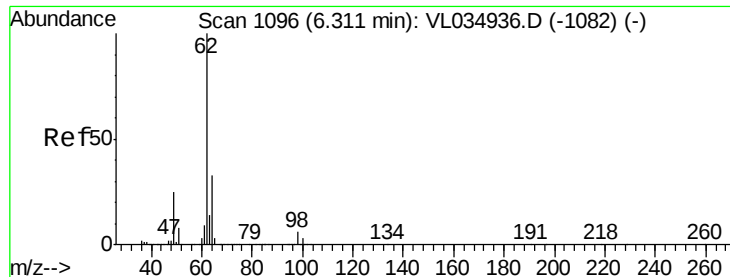


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.406 ppbv

RT: 6.30 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

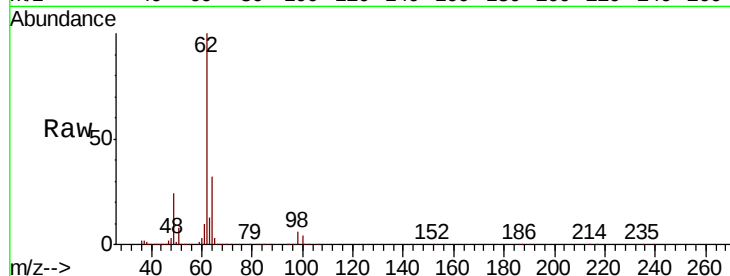
VSTDCCC010

Tot Ion: 62 Resp: 1227502

Ion Ratio Lower Upper

62 100

98 5.9 4.8 7.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

800000

600000

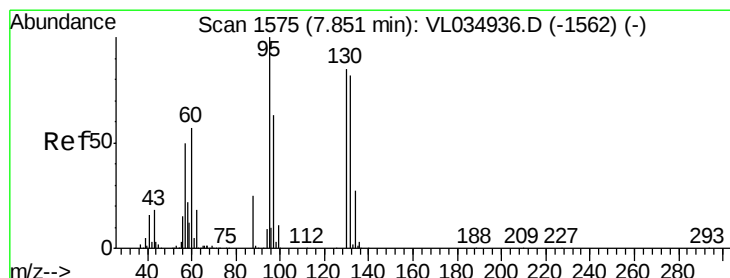
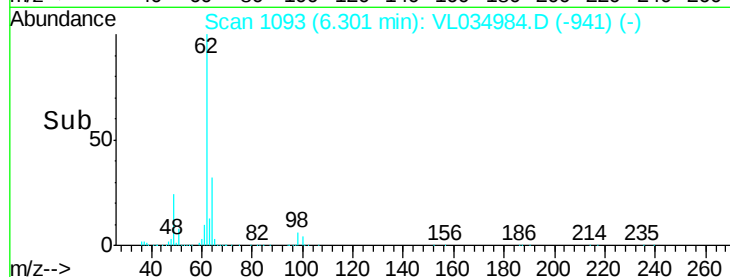
400000

200000

0

6.25 6.30 6.35

Time-->



#38

Trichloroethene

Concen: 9.628 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Tgt Ion: 130 Resp: 789164

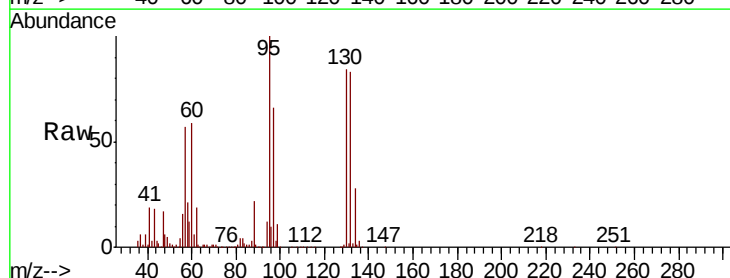
Ion Ratio Lower Upper

130 100

95 118.2 93.4 140.0

132 98.3 76.4 114.6

97 78.5 58.5 87.7



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

600000

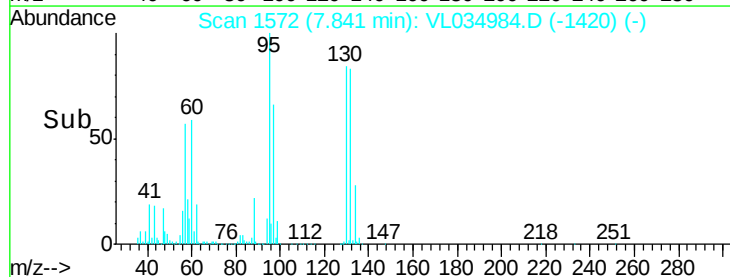
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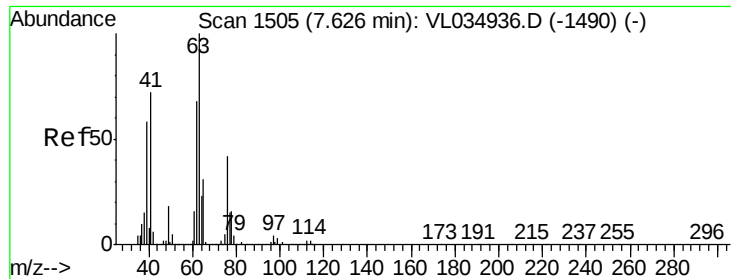
200000

0

7.75 7.80 7.85 7.90

Time-->

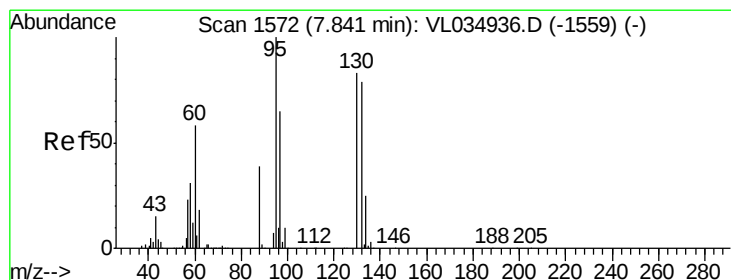
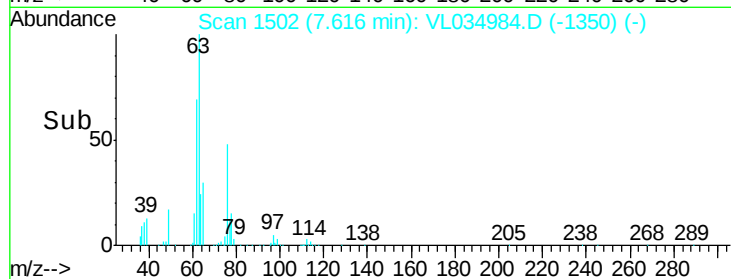
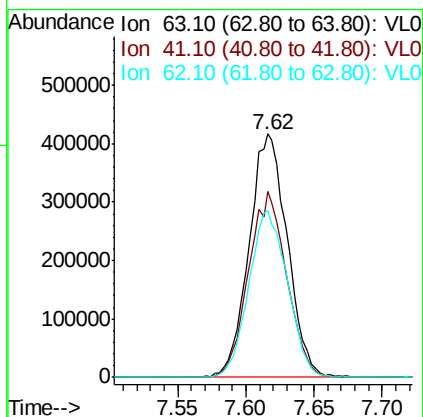
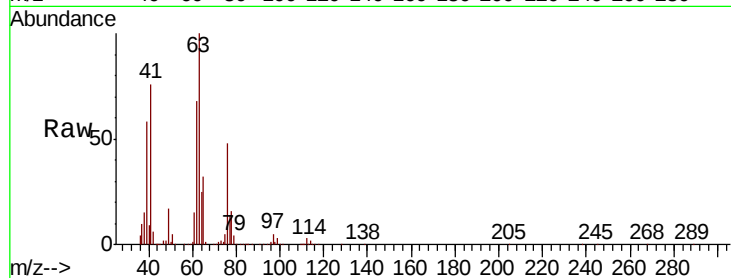




#39
 1,2-Dichloropropane
 Concen: 9.554 ppbv
 RT: 7.62 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

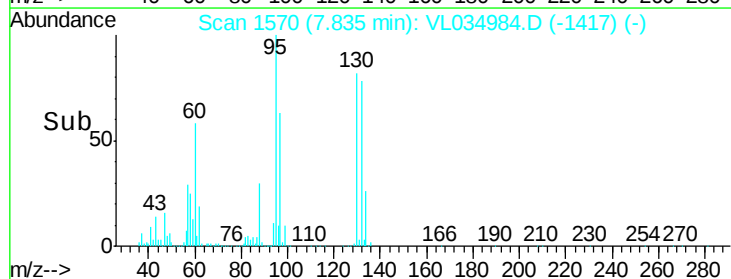
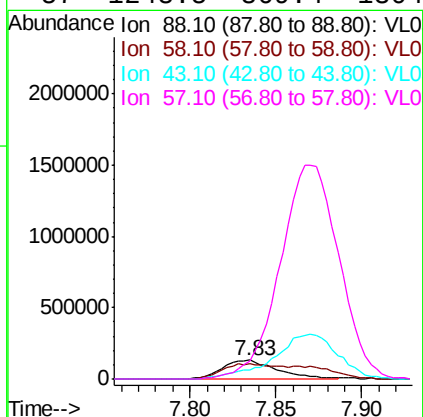
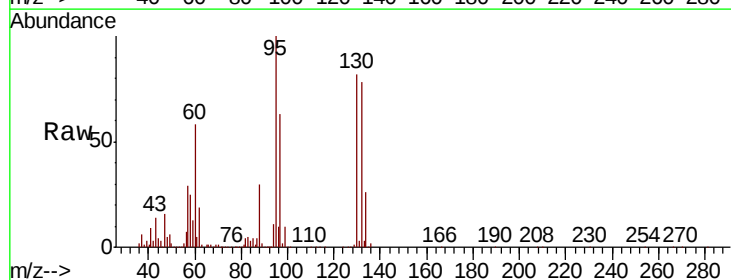
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

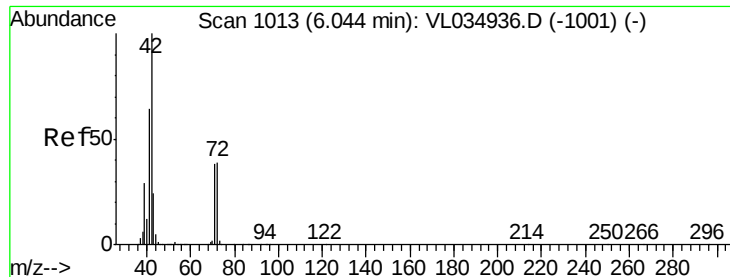
Tot Ion: 63 Resp: 810340
 Ion Ratio Lower Upper
 63 100
 41 76.2 57.8 86.8
 62 68.3 54.2 81.2



#40
 1,4-Dioxane
 Concen: 8.330 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion: 88 Resp: 287168
 Ion Ratio Lower Upper
 88 100
 58 140.3 105.1 157.7
 43 286.0 202.6 303.8
 57 1248.5 869.4 1304.0





#41

Tetrahydrofuran

Concen: 9.990 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

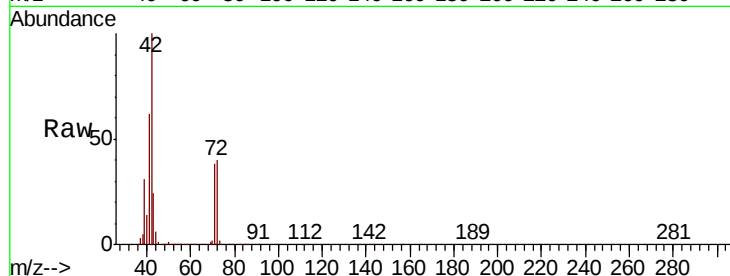
Tot Ion: 42 Resp: 838841

Ion Ratio Lower Upper

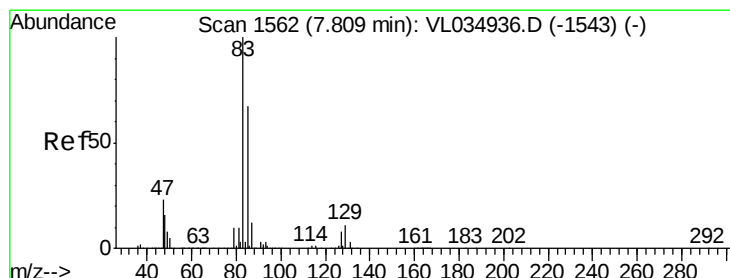
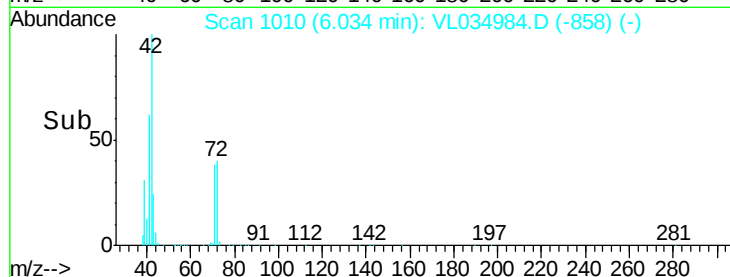
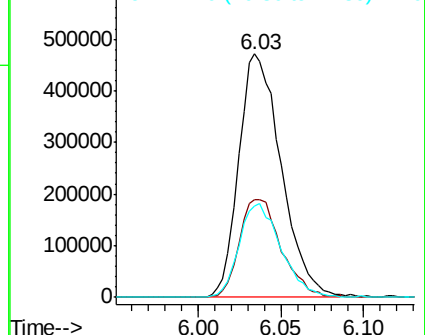
42 100

72 39.9 31.4 47.0

71 38.2 29.8 44.8



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.755 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

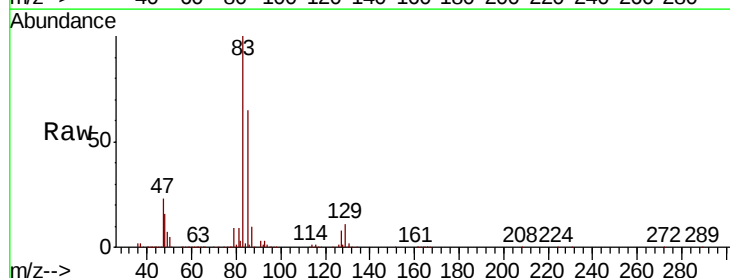
Tgt Ion: 83 Resp: 1716903

Ion Ratio Lower Upper

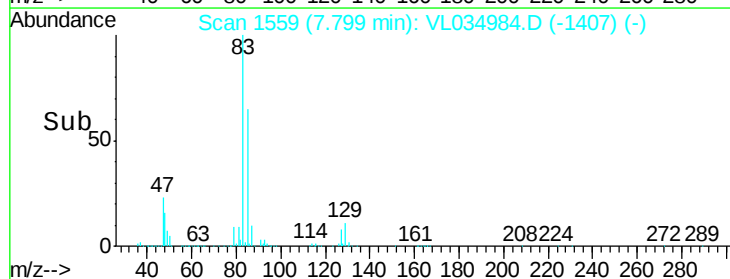
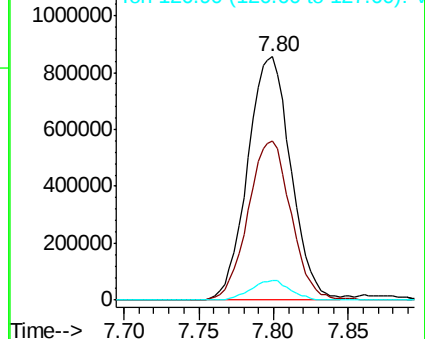
83 100

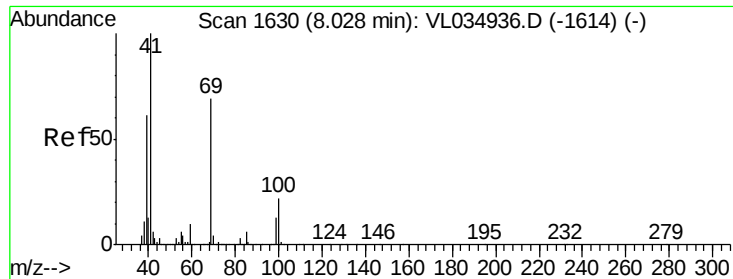
85 65.4 53.4 80.0

127 8.1 6.1 9.1



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V

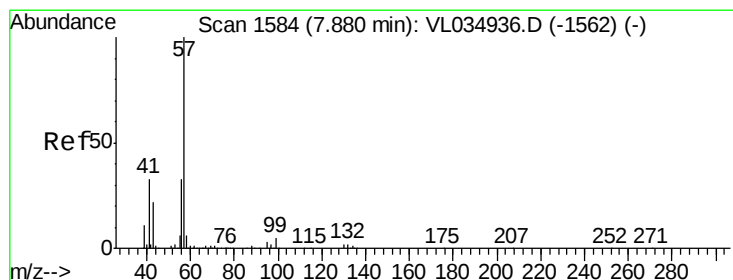
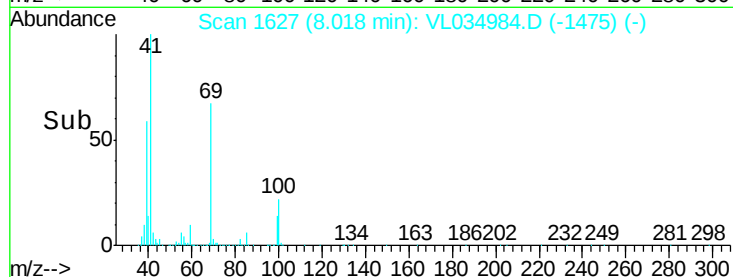
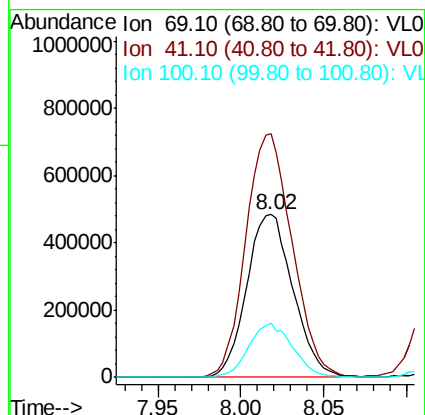
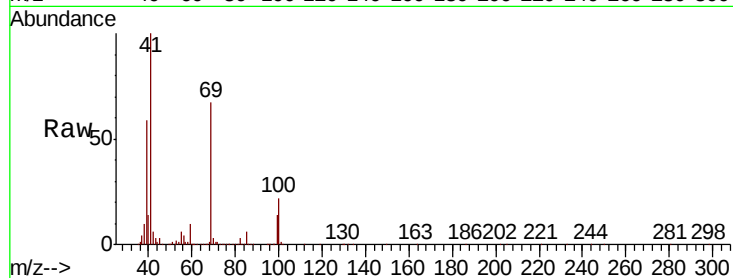




#43
Methyl Methacrylate
Concen: 10.517 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

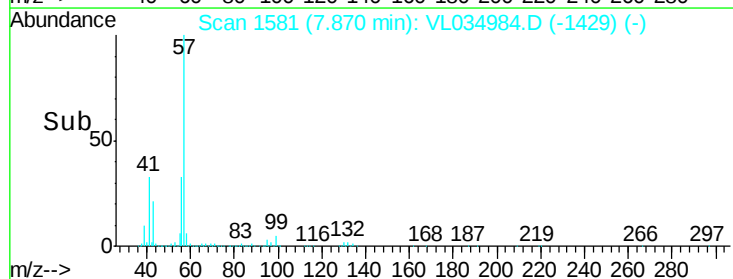
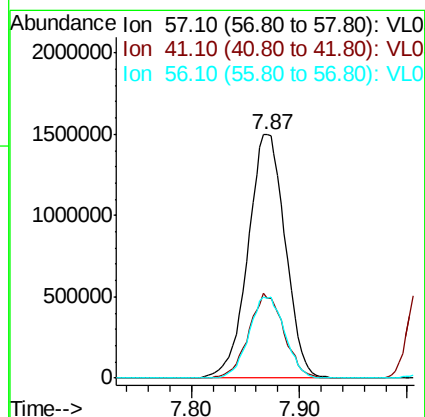
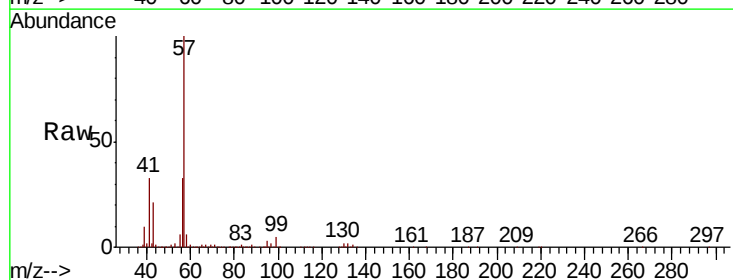
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

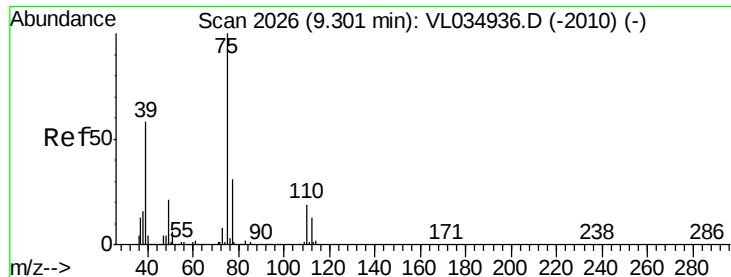
Tot Ion: 69 Resp: 939536
Ion Ratio Lower Upper
69 100
41 150.1 119.8 179.6
100 31.4 25.0 37.6



#44
2,2,4-Trimethylpentane
Concen: 9.507 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 57 Resp: 3575903
Ion Ratio Lower Upper
57 100
41 32.8 26.4 39.6
56 32.2 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 11.474 ppbv

RT: 9.29 min Scan# 2023

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

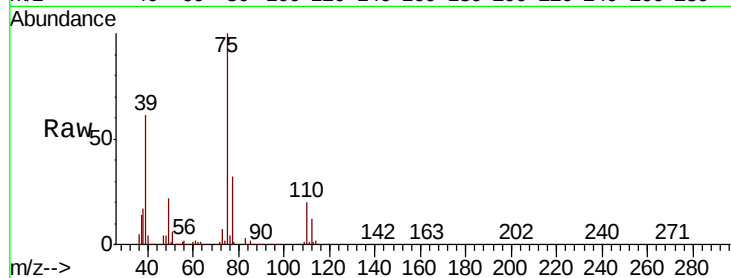
VSTDCCC010

Tot Ion: 75 Resp: 1034463

Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.29

600000

500000

400000

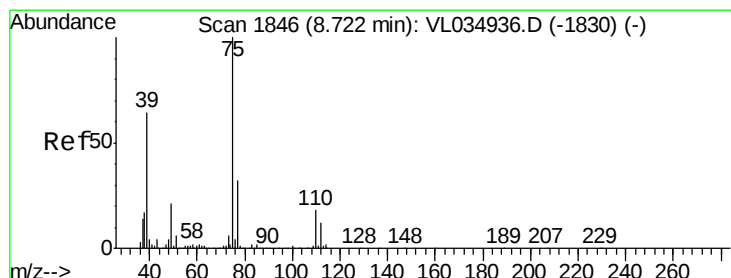
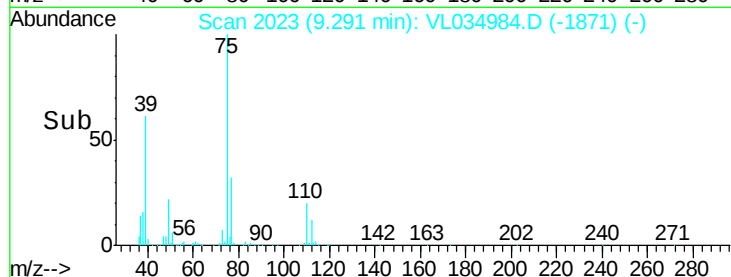
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 11.168 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

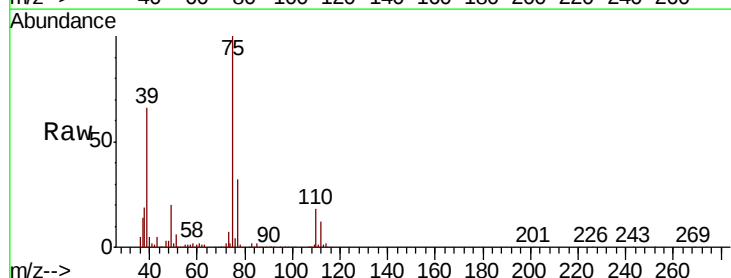
Tgt Ion: 75 Resp: 1236146

Ion Ratio Lower Upper

75 100

39 65.4 51.5 77.3

77 32.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.71

800000

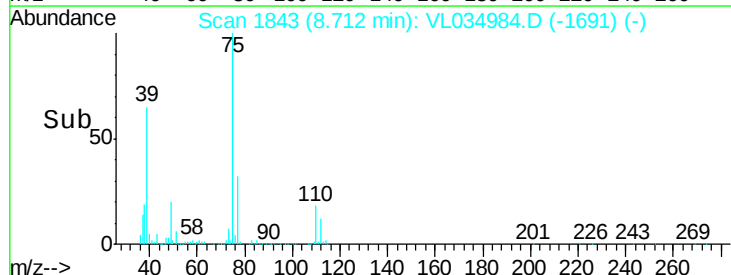
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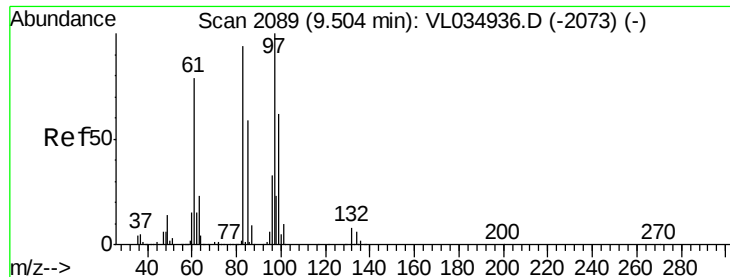
400000

200000

0

Time-->

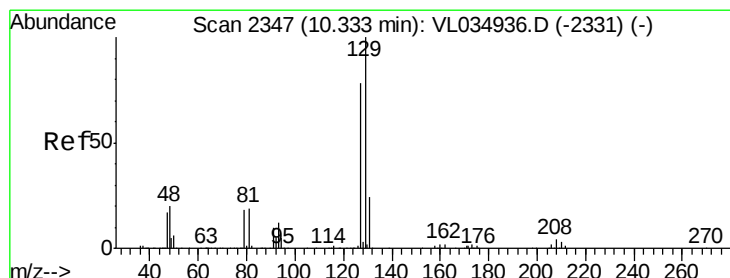
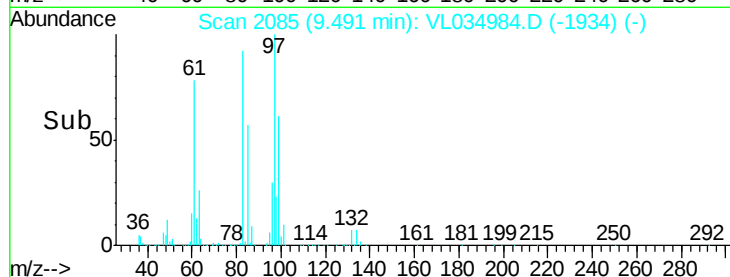
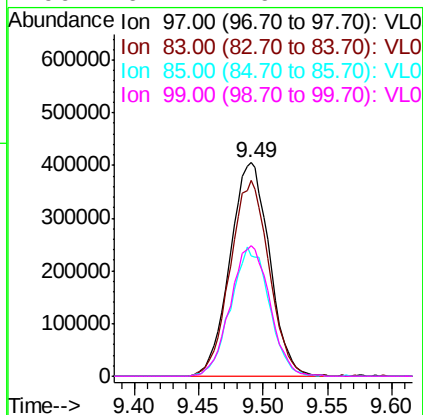
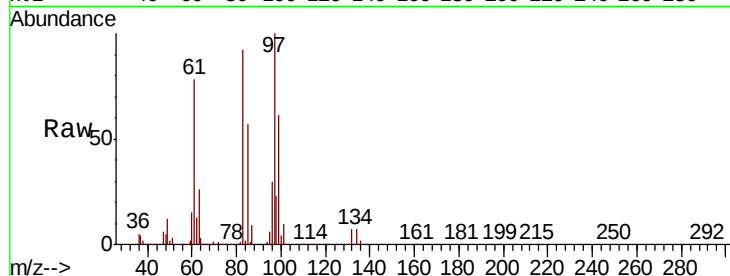




#47
 1,1,2-Trichloroethane
 Concen: 9.653 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

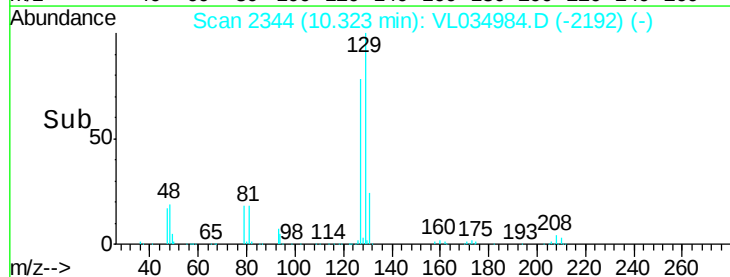
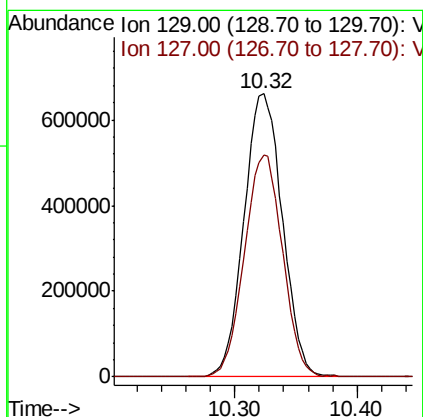
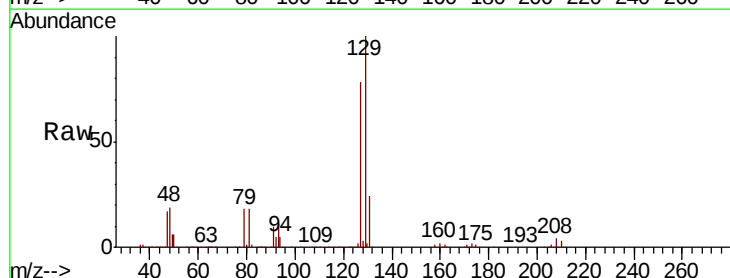
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

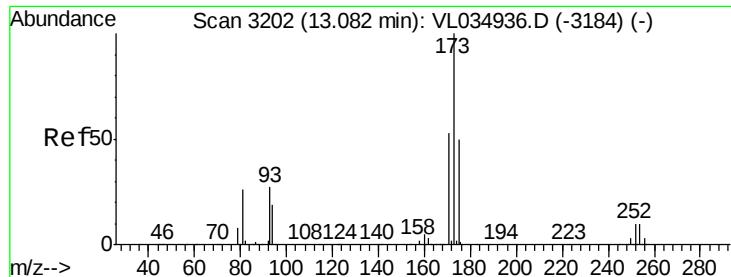
Tot Ion: 97 Resp: 863956
 Ion Ratio Lower Upper
 97 100
 83 91.5 75.6 113.4
 85 56.4 47.0 70.6
 99 61.2 49.4 74.2



#48
 Dibromochloromethane
 Concen: 10.431 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion: 129 Resp: 1435607
 Ion Ratio Lower Upper
 129 100
 127 78.1 39.1 117.2





#49

Bromoform

Concen: 10.646 ppbv

RT: 13.07 min Scan# 3198

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

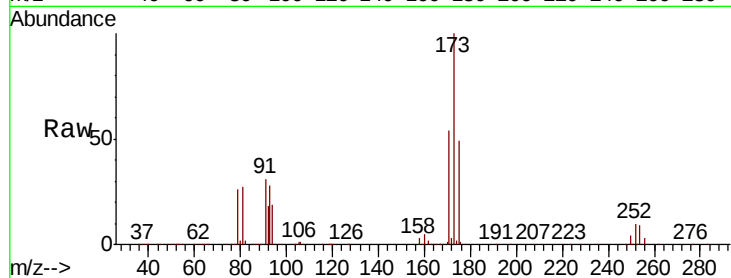
Tot Ion:173 Resp: 1260744

Ion Ratio Lower Upper

173 100

175 49.4 39.0 58.6

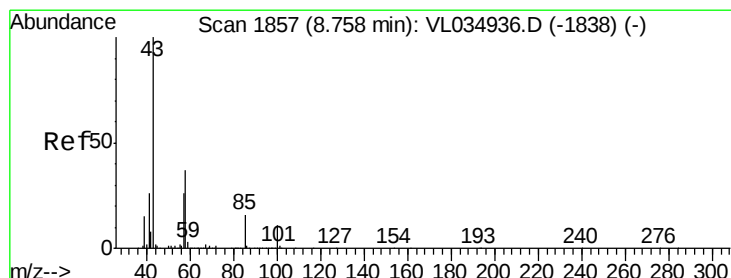
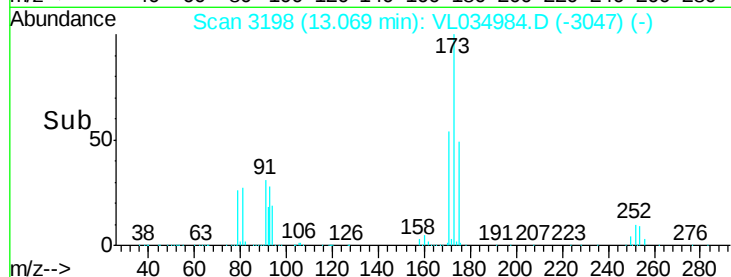
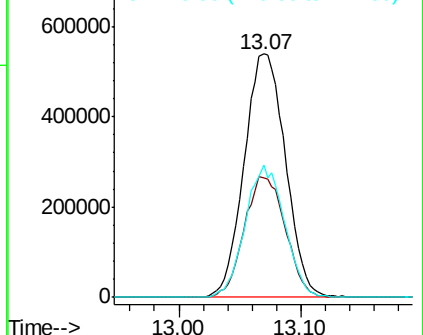
171 51.8 41.4 62.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.036 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VL034984.D

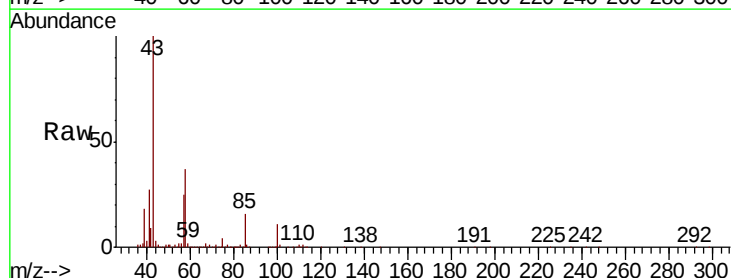
Acq: 12 May 2020 11:37

Tgt Ion: 43 Resp: 2282473

Ion Ratio Lower Upper

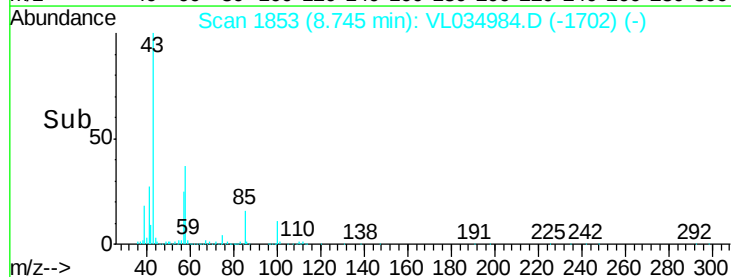
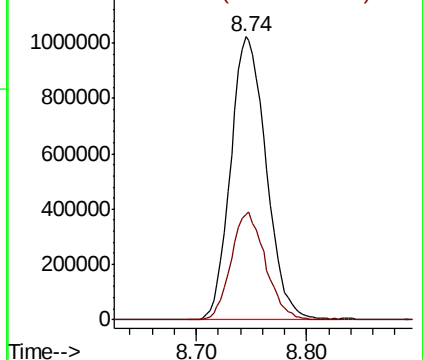
43 100

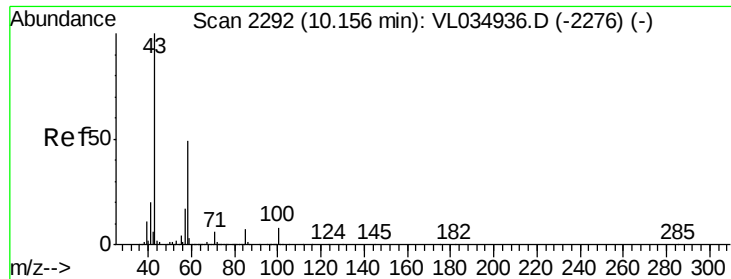
58 37.0 29.1 43.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

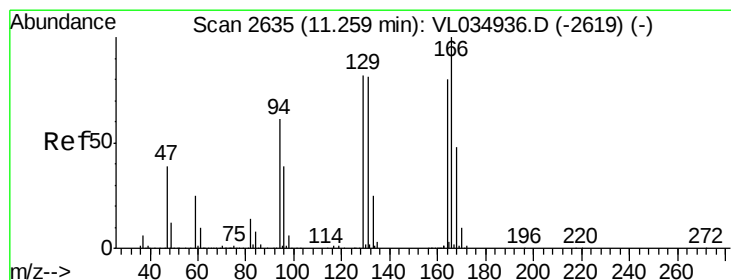
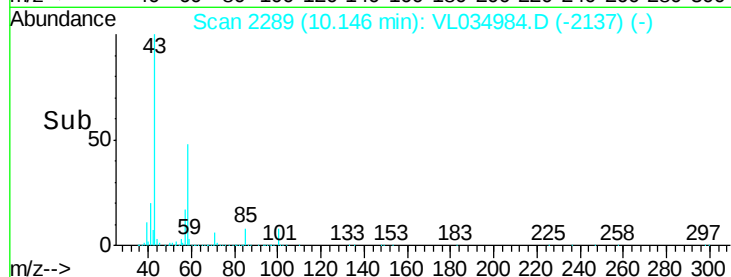
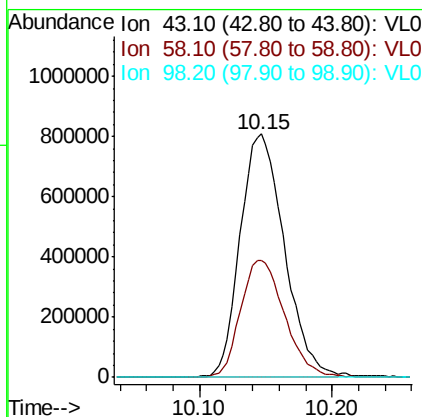
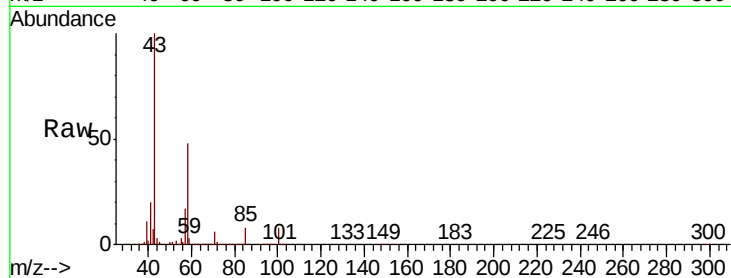




#51
2-Hexanone
Concen: 10.506 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

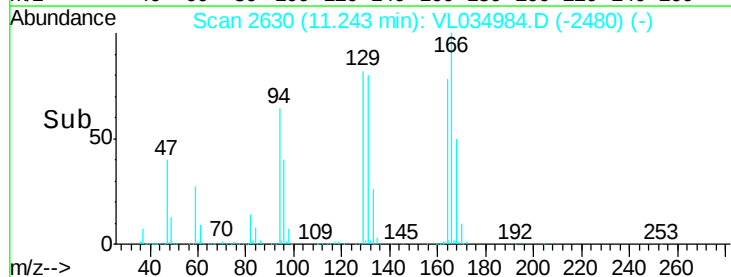
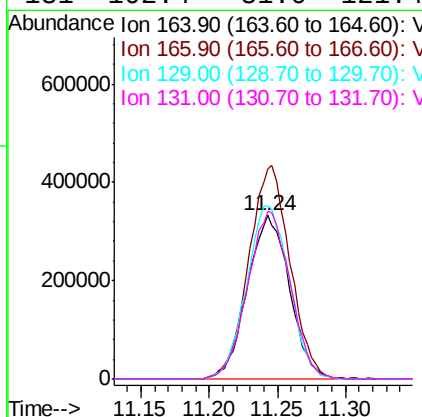
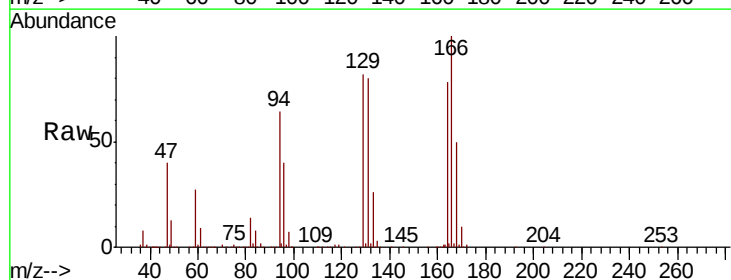
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

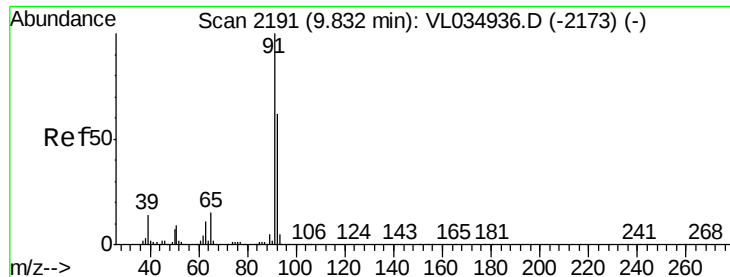
Tot Ion: 43 Resp: 1868804
Ion Ratio Lower Upper
43 100
58 48.0 39.1 58.7
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.446 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.02 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 164 Resp: 710640
Ion Ratio Lower Upper
164 100
166 128.4 100.7 151.1
129 105.4 83.0 124.4
131 102.4 81.0 121.4





#53

Toluene

Concen: 10.624 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

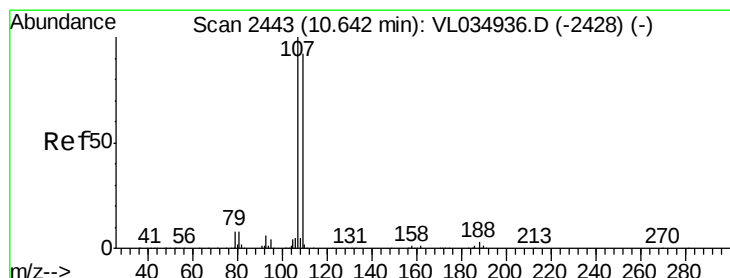
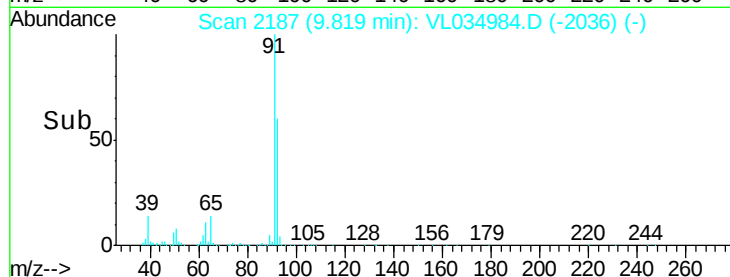
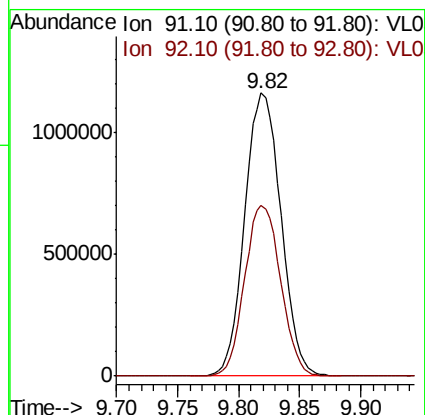
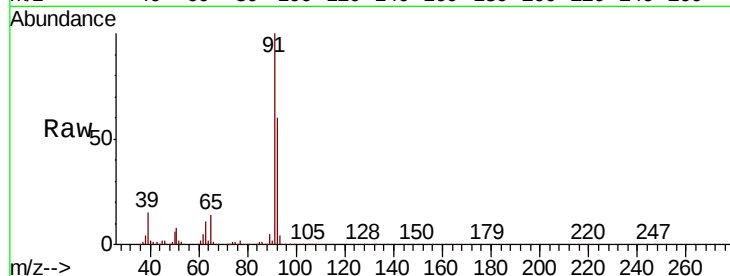
VSTDCCC010

Tot Ion: 91 Resp: 2382670

Ion Ratio Lower Upper

91 100

92 59.9 48.6 73.0



#54

1,2-Dibromoethane

Concen: 9.861 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: VL034984.D

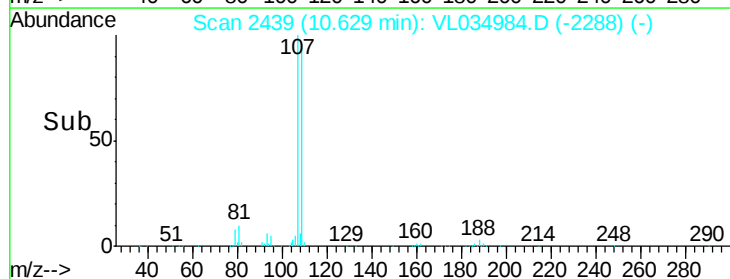
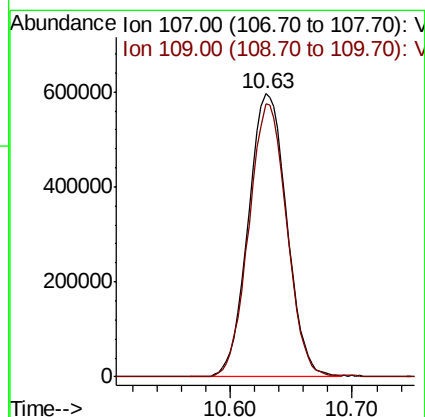
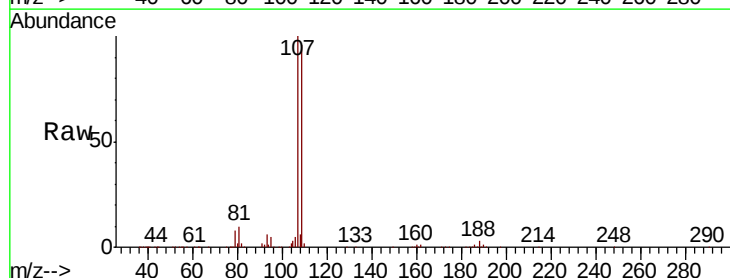
Acq: 12 May 2020 11:37

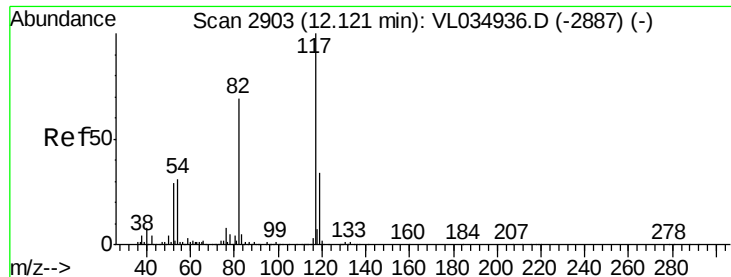
Tgt Ion: 107 Resp: 1296076

Ion Ratio Lower Upper

107 100

109 96.3 73.2 109.8

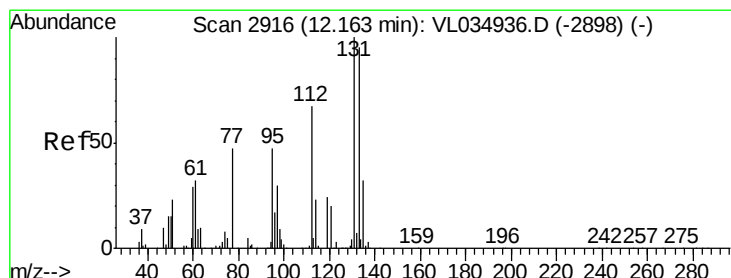
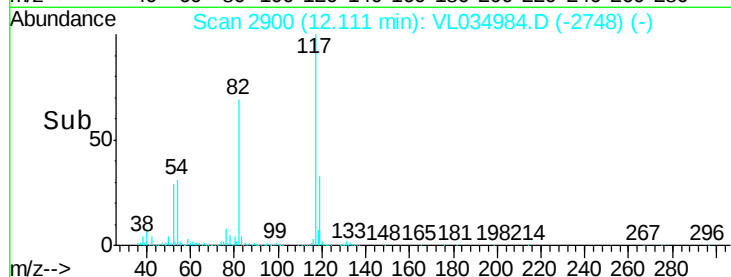
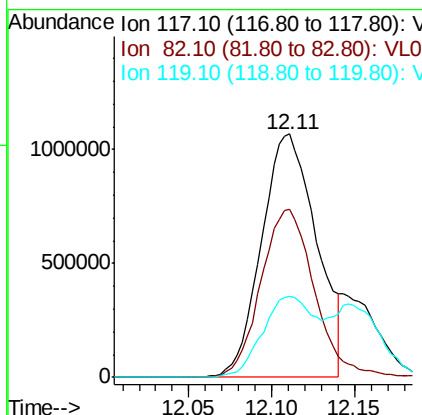
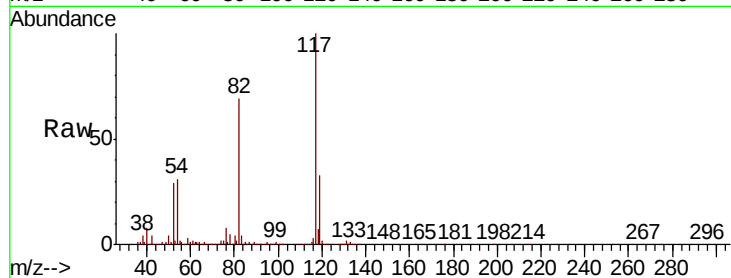




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

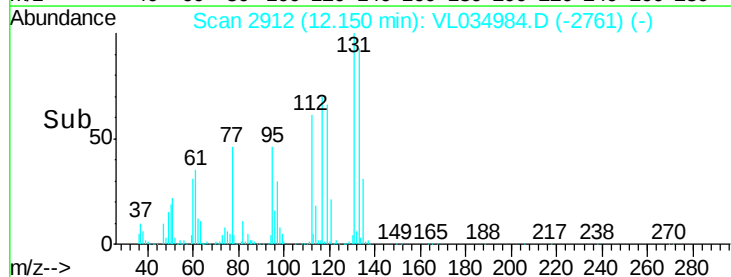
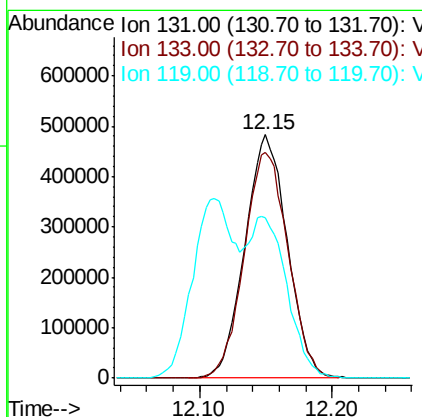
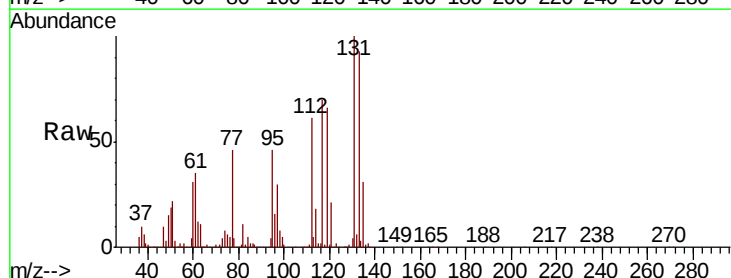
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

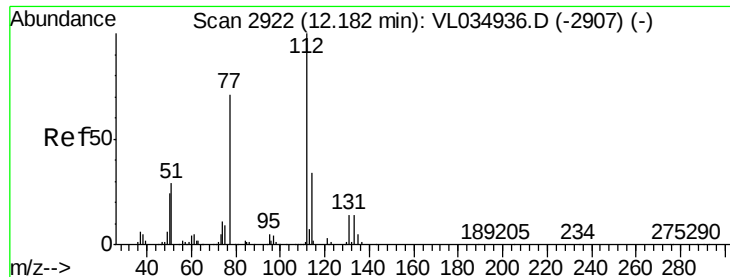
Tot Ion:117 Resp: 2472850
Ion Ratio Lower Upper
117 100
82 67.6 53.1 79.7
119 31.7 26.7 40.1



#56
1,1,1,2-Tetrachloroethane
Concen: 9.604 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion:131 Resp: 1070995
Ion Ratio Lower Upper
131 100
133 96.4 77.7 116.5
119 53.5 49.8 74.6

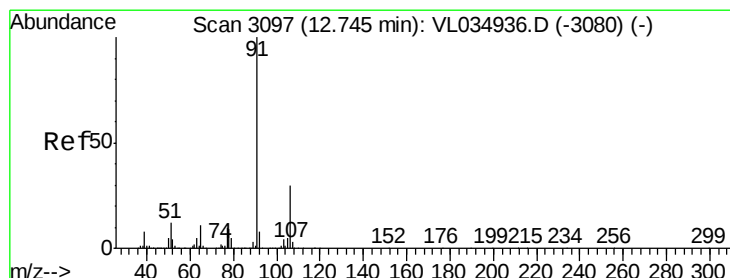
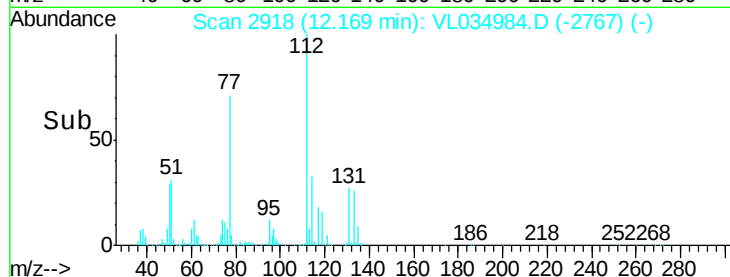
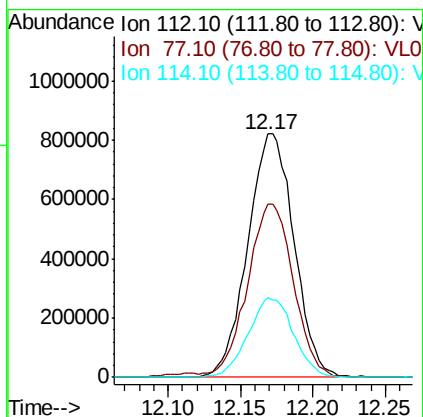
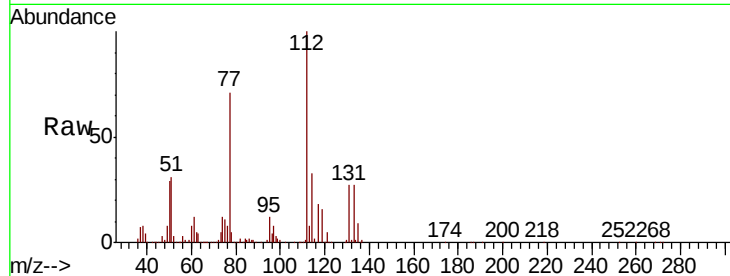




#57
Chlorobenzene
Concen: 9.290 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

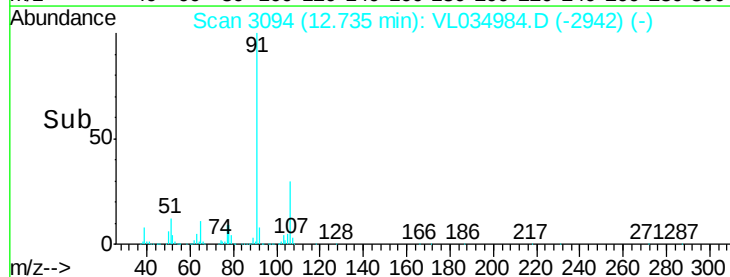
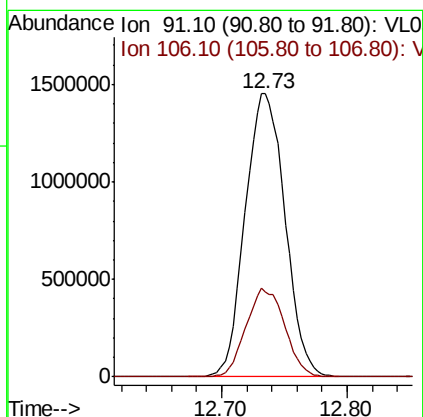
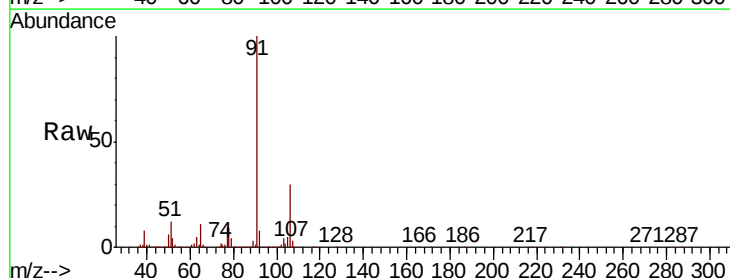
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

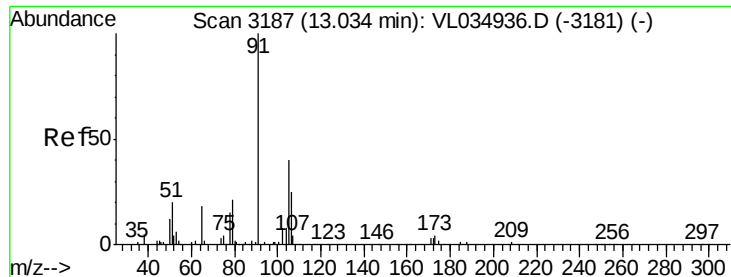
Tot Ion:112 Resp: 1819971
Ion Ratio Lower Upper
112 100
77 70.7 57.0 85.6
114 32.8 30.8 37.6



#58
Ethyl Benzene
Concen: 10.504 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 91 Resp: 3211921
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

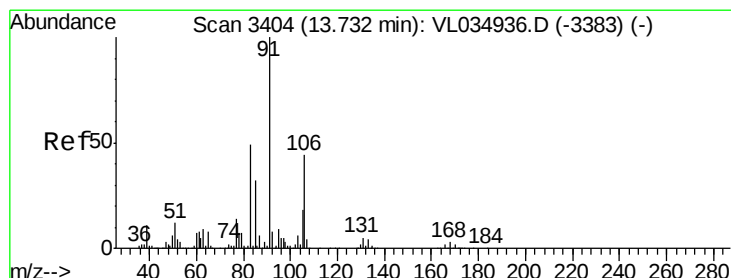
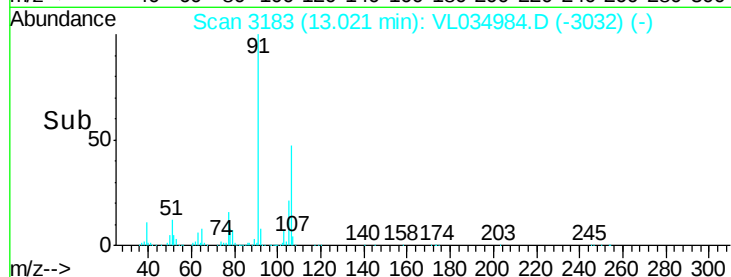
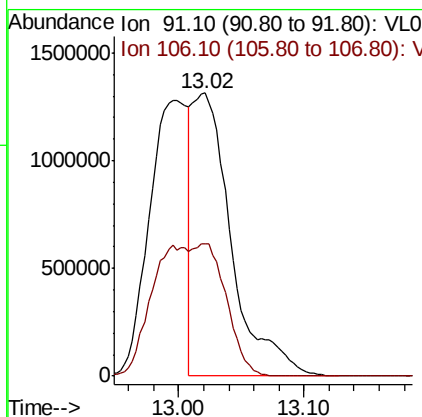
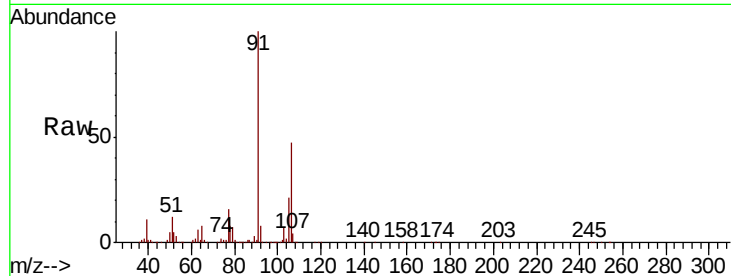




#59
m/p-Xylene
Concen: 10.515 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

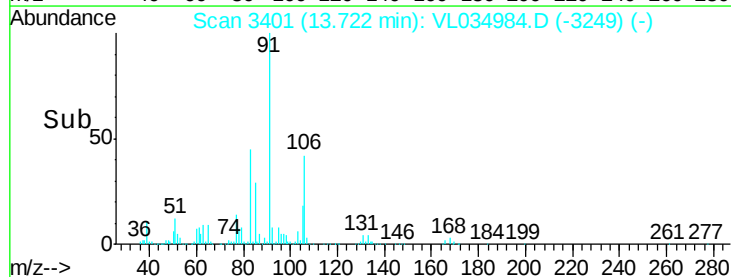
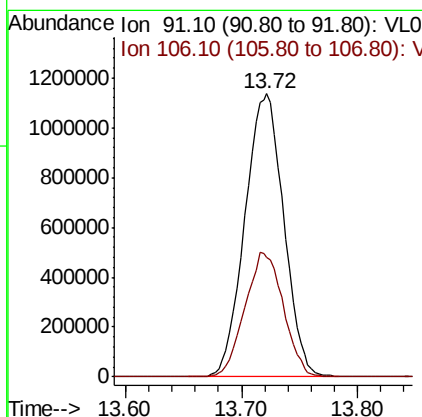
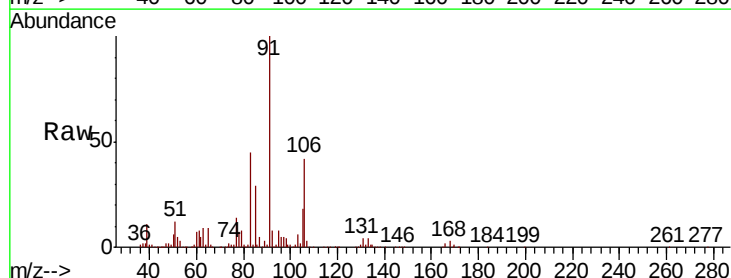
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

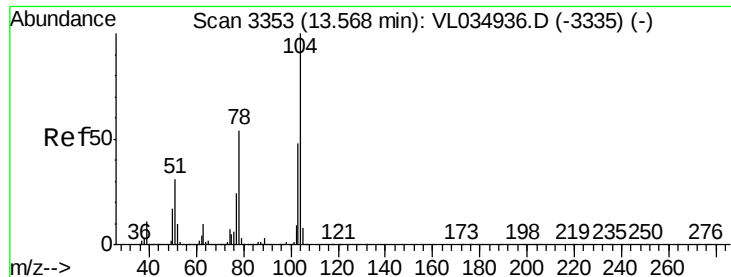
Tot Ion: 91 Resp: 2829089
Ion Ratio Lower Upper
91 100
106 85.8 66.0 99.0



#60
o-Xylene
Concen: 9.951 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 91 Resp: 2641867
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.5





#61

Stvrene

Concen: 11.273 ppbv

RT: 13.56 min Scan# 3350

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

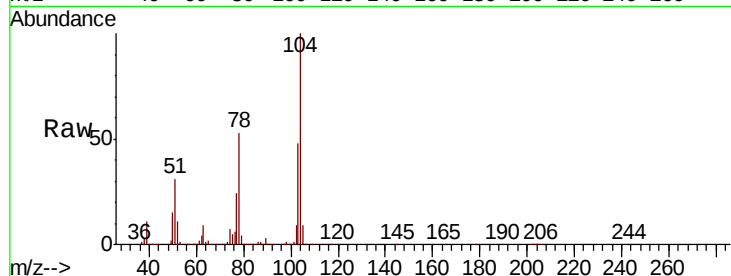
Tot Ion:104 Resp: 1894002

Ion Ratio Lower Upper

104 100

78 53.7 43.7 65.5

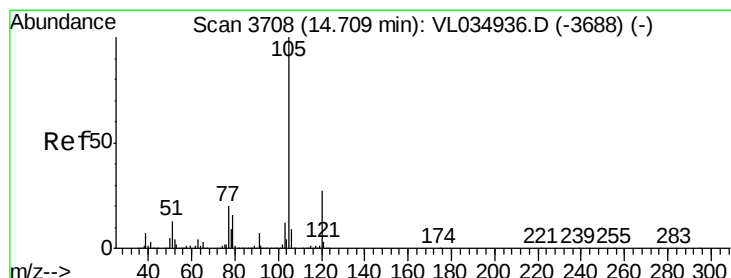
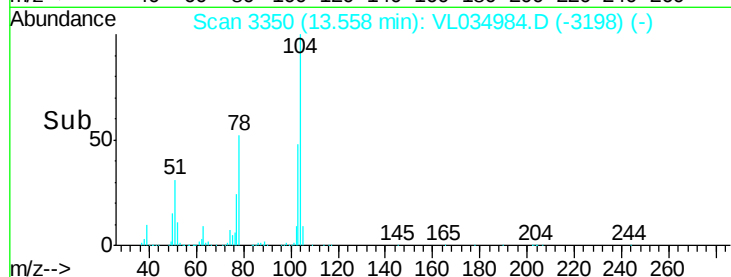
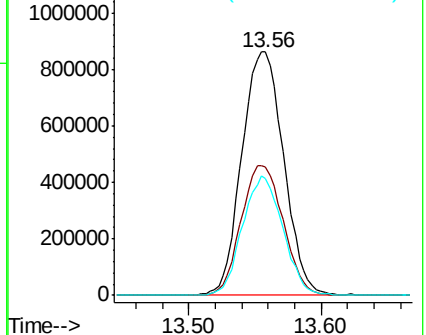
103 47.4 38.8 58.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.766 ppbv

RT: 14.70 min Scan# 3704

Delta R.T. -0.01 min

Lab File: VL034984.D

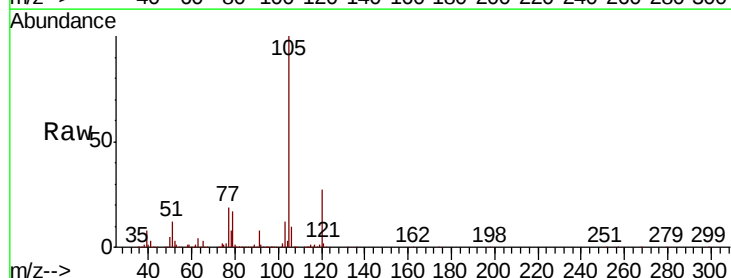
Acq: 12 May 2020 11:37

Tgt Ion:105 Resp: 3871057

Ion Ratio Lower Upper

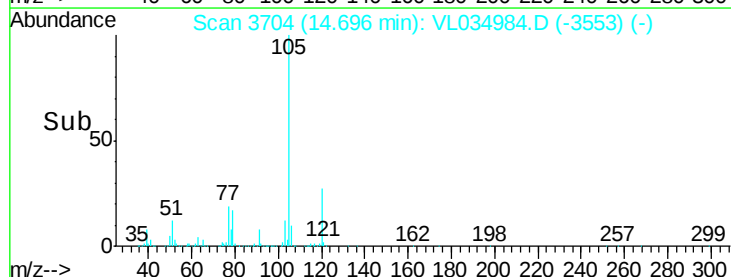
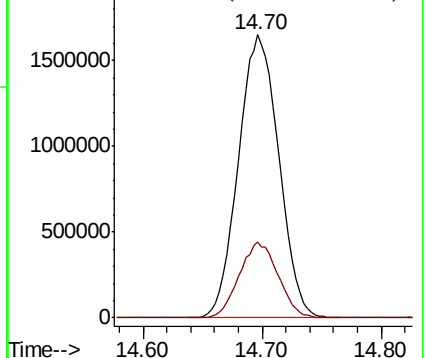
105 100

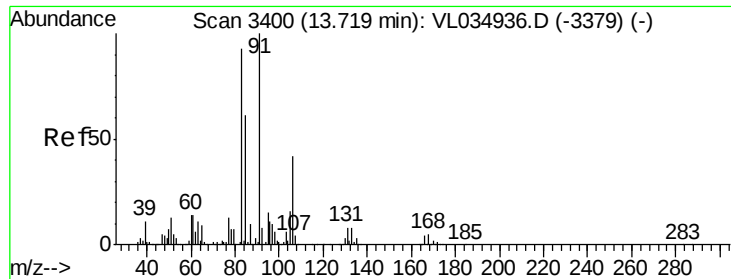
120 25.8 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

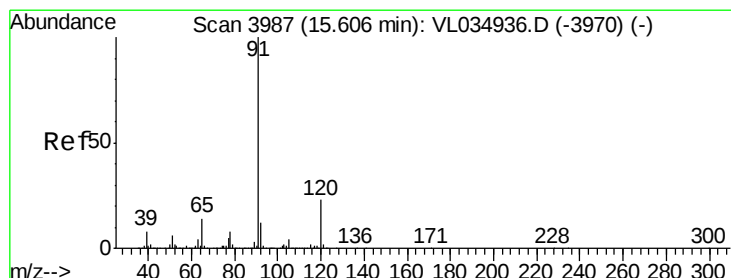
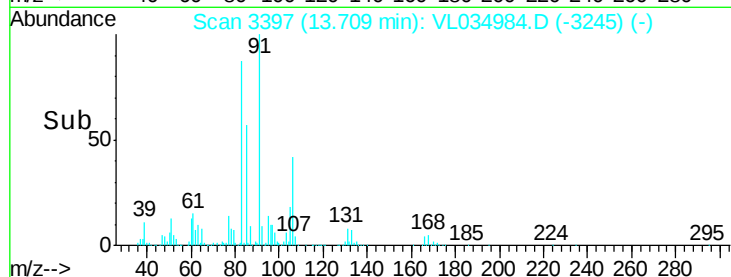
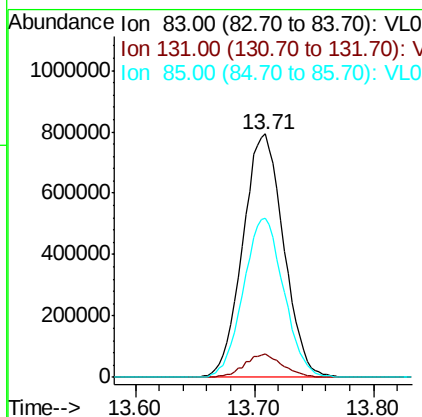
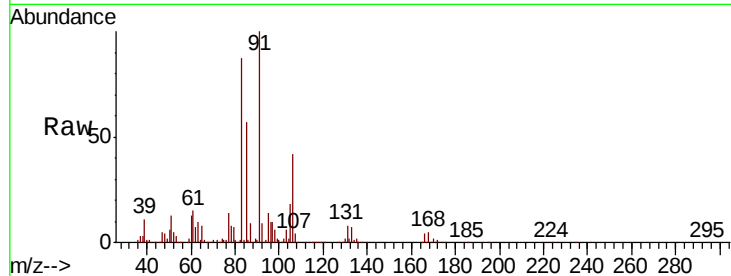




#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.026 ppbv
 RT: 13.71 min Scan# 3397
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

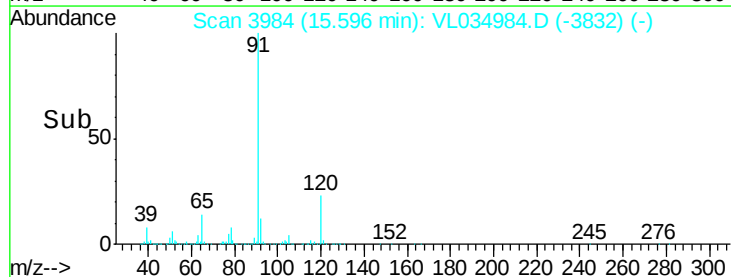
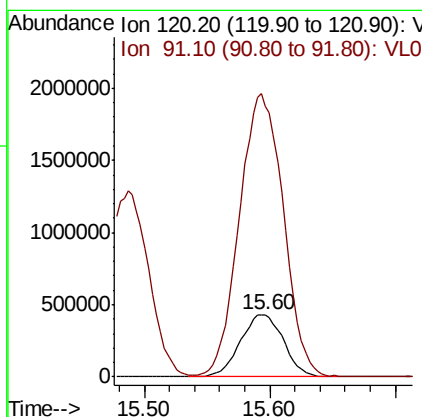
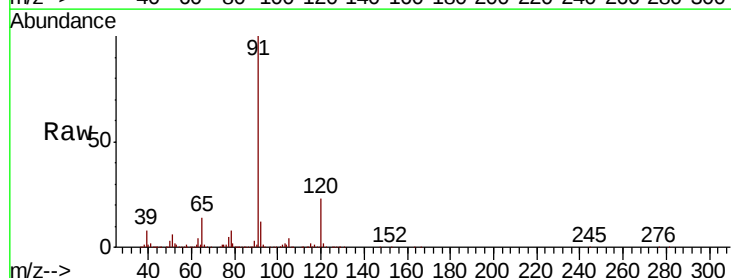
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

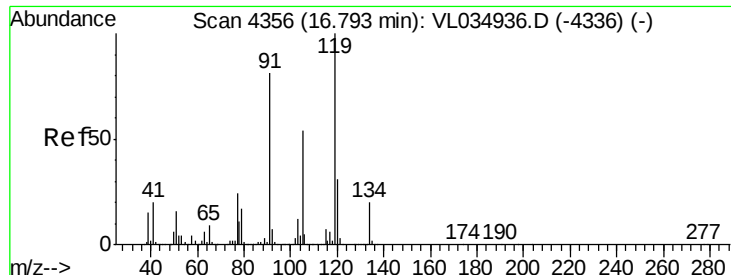
Tot Ion: 83 Resp: 1886327
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.7 14.0
 85 64.7 32.5 97.4



#64
 n-propylbenzene
 Concen: 10.128 ppbv
 RT: 15.60 min Scan# 3984
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion:120 Resp: 1029705
 Ion Ratio Lower Upper
 120 100
 91 465.8 373.5 560.3

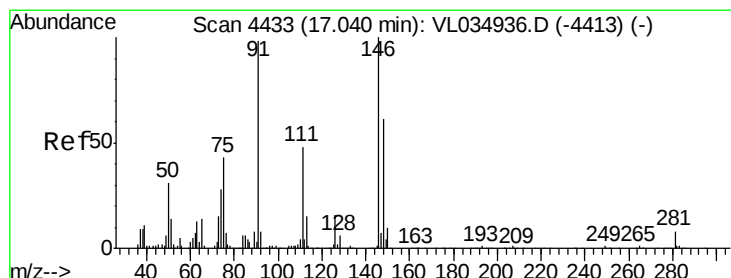
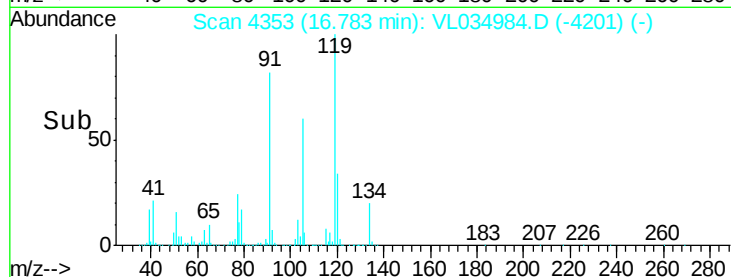
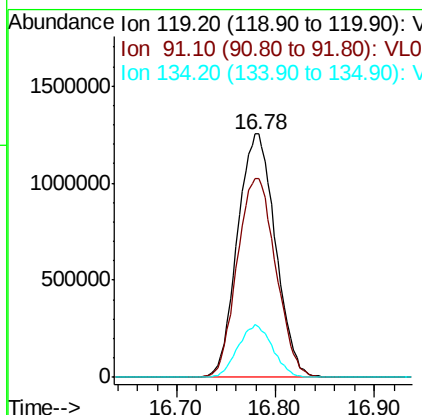
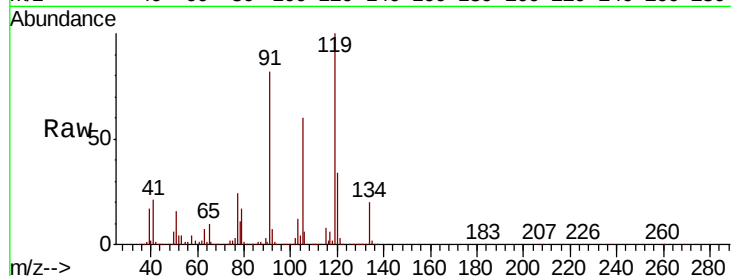




#65
tert-Butylbenzene
Concen: 9.686 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

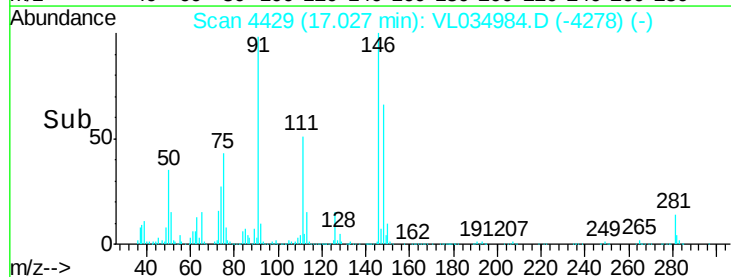
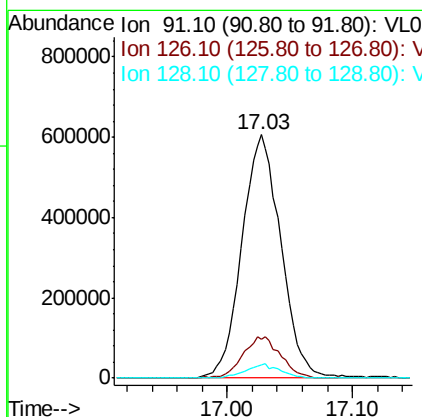
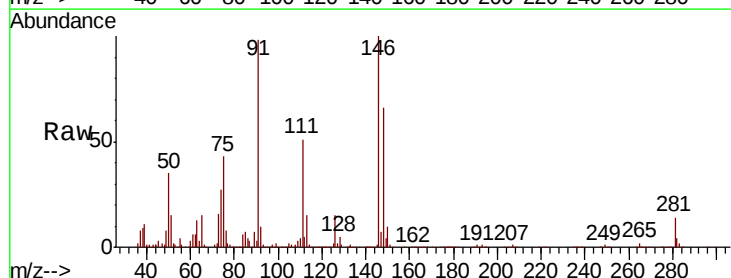
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

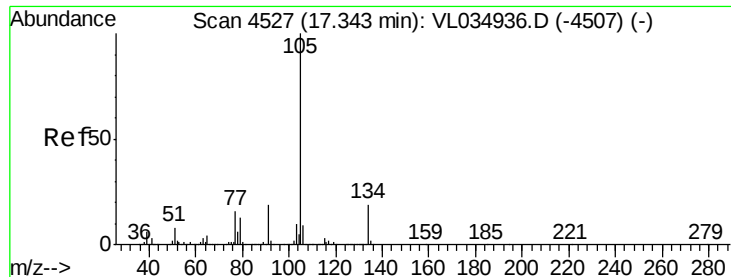
Tot Ion:119 Resp: 3329983
Ion Ratio Lower Upper
119 100
91 83.6 67.5 101.3
134 19.8 16.1 24.1



#66
Benzyl Chloride
Concen: 11.194 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL034984.D
Acq: 12 May 2020 11:37

Tgt Ion: 91 Resp: 1306450
Ion Ratio Lower Upper
91 100
126 16.6 13.8 20.6
128 5.2 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.682 ppbv

RT: 17.33 min Scan# 4523

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

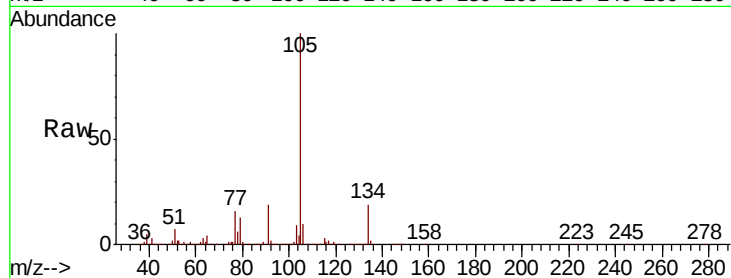
VSTDCCC010

Tot Ion:105 Resp: 4751348

Ion Ratio Lower Upper

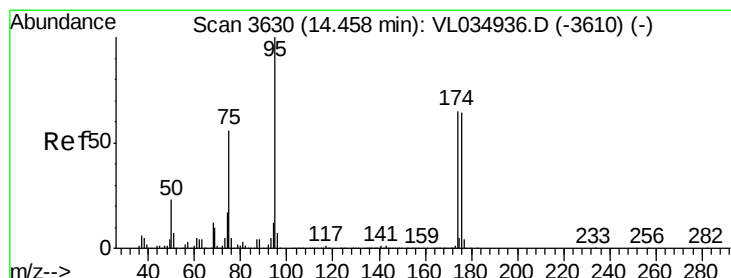
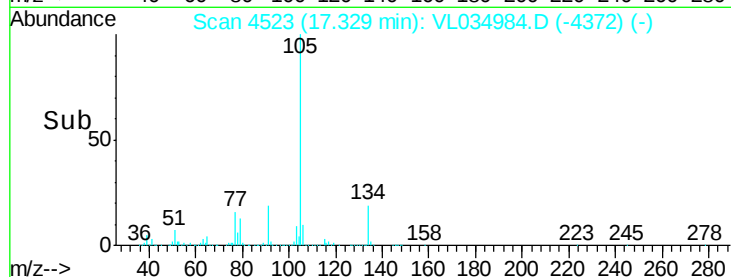
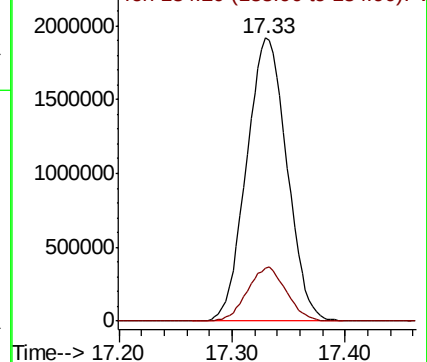
105 100

134 18.4 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.933 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

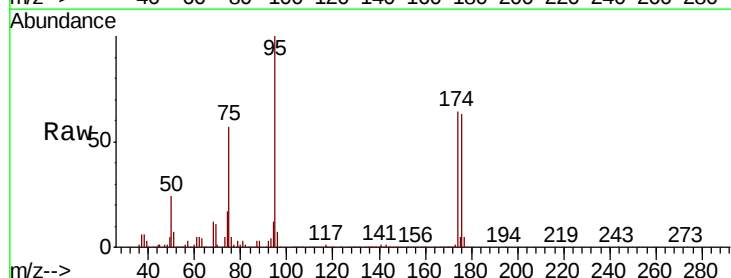
Tgt Ion: 95 Resp: 1988278

Ion Ratio Lower Upper

95 100

174 65.1 51.5 77.3

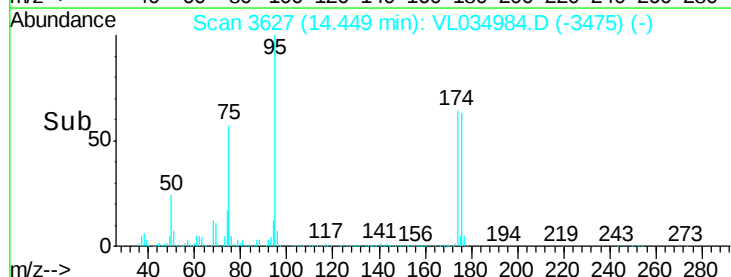
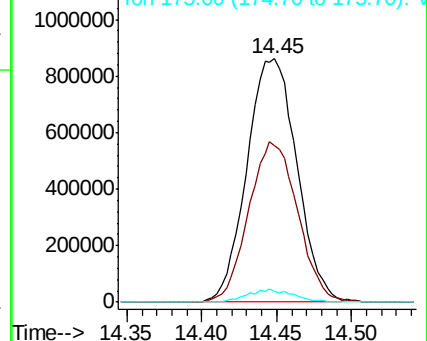
175 4.8 3.8 5.8

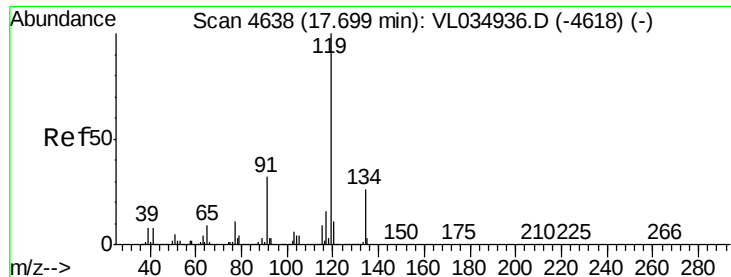


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

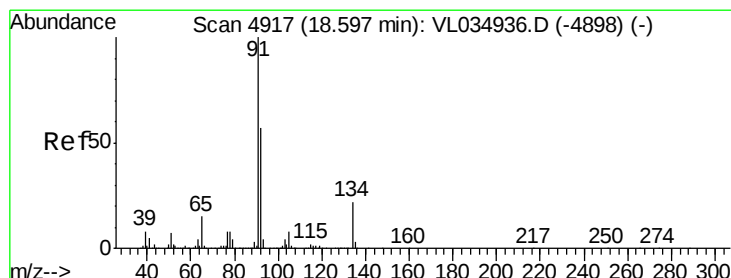
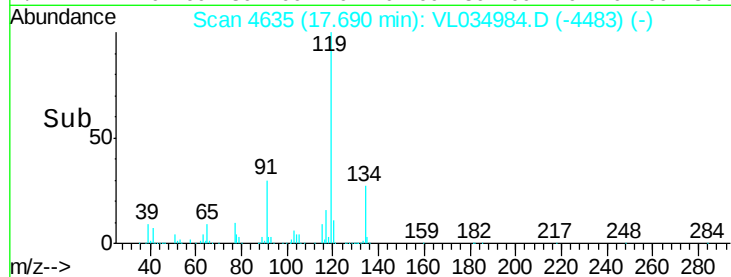
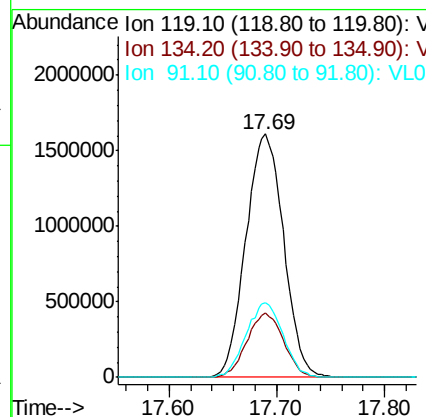
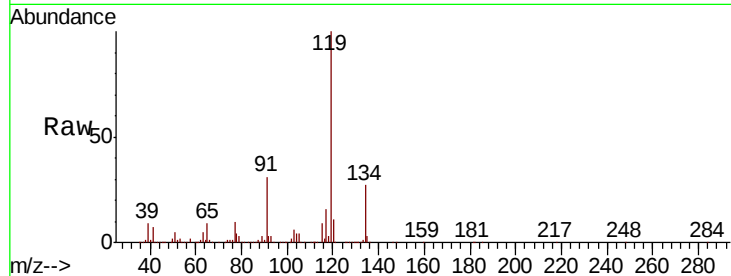




#69
 p-Isopropyltoluene
 Concen: 9.881 ppbv
 RT: 17.69 min Scan# 4635
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

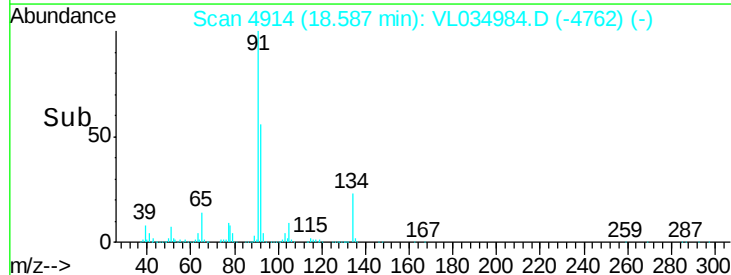
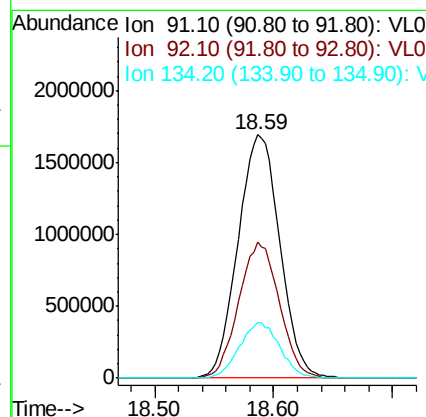
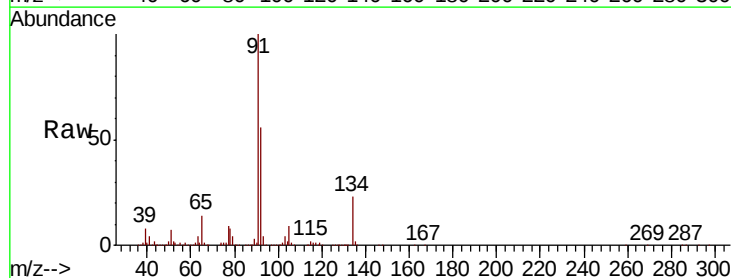
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

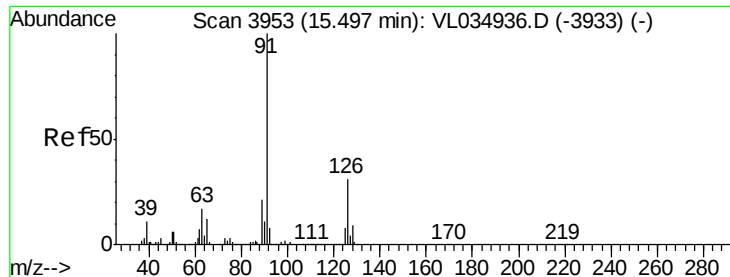
Tot Ion:119 Resp: 3922755
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.3 30.5
 91 30.4 24.6 36.8



#70
 n-Butylbenzene
 Concen: 9.726 ppbv
 RT: 18.59 min Scan# 4914
 Delta R.T. -0.01 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Tgt Ion: 91 Resp: 4109934
 Ion Ratio Lower Upper
 91 100
 92 54.3 44.4 66.6
 134 22.0 18.0 27.0





#71

2-Chlorotoluene

Concen: 10.068 ppbv

RT: 15.49 min Scan# 3950

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

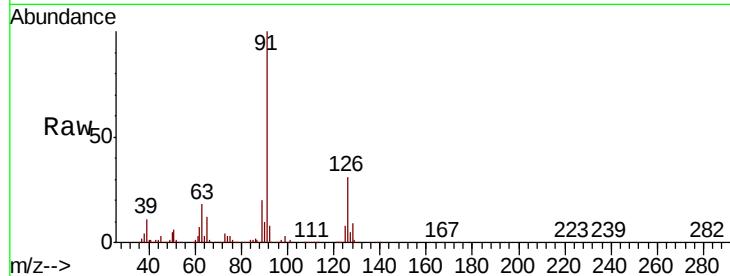
VSTDCCC010

Tot Ion: 91 Resp: 3012364

Ion Ratio Lower Upper

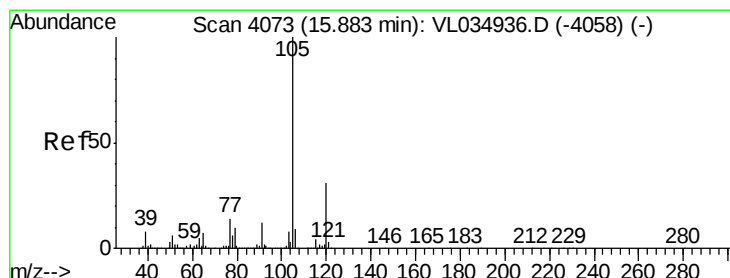
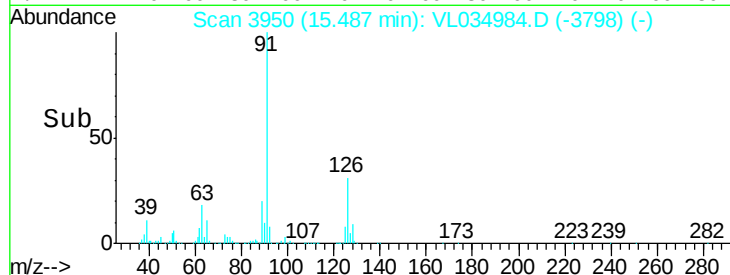
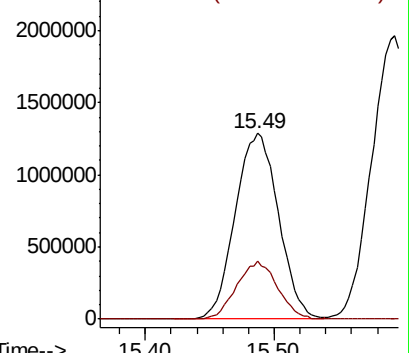
91 100

126 29.4 12.0 47.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 10.390 ppbv

RT: 15.87 min Scan# 4070

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Tgt Ion: 105 Resp: 3077548

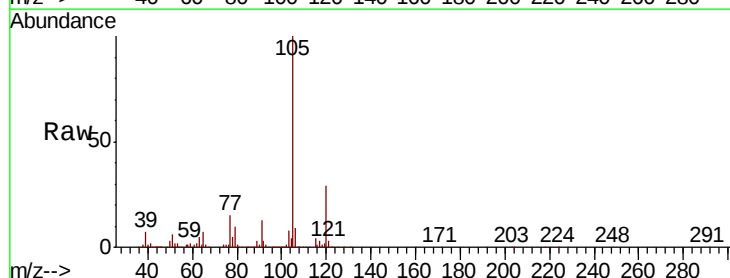
Ion Ratio Lower Upper

105 100

120 29.1 23.8 35.8

91 13.7 10.6 15.8

77 14.6 11.6 17.4

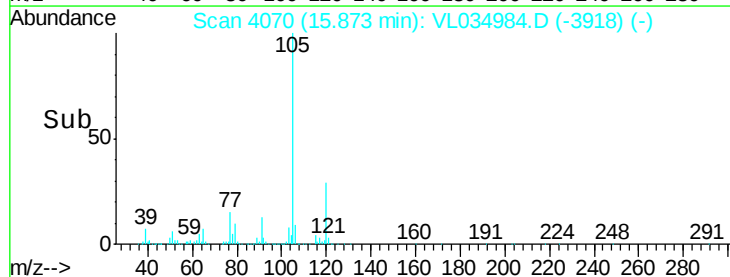
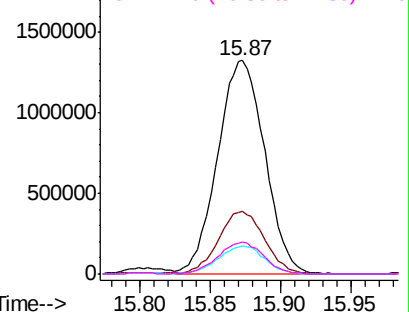


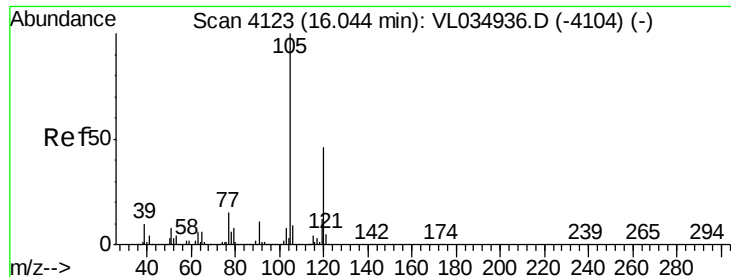
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 9.916 ppbv

RT: 16.03 min Scan# 4119

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

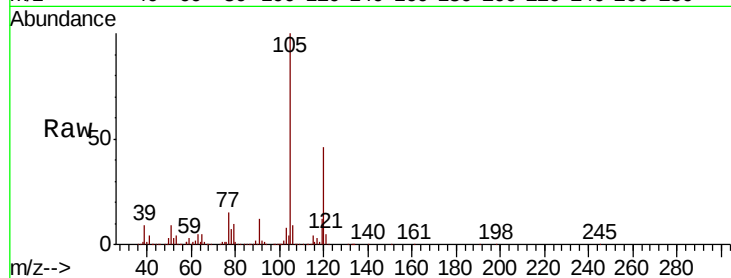
VSTDCCC010

Tot Ion:105 Resp: 2858290

Ion Ratio Lower Upper

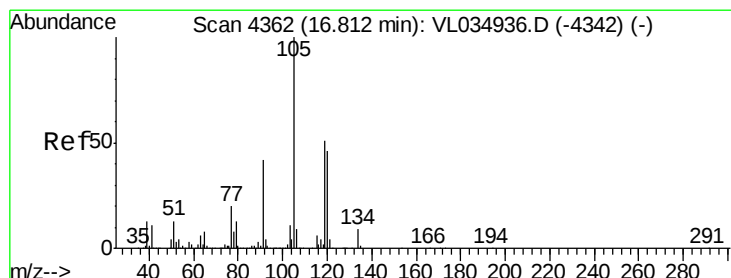
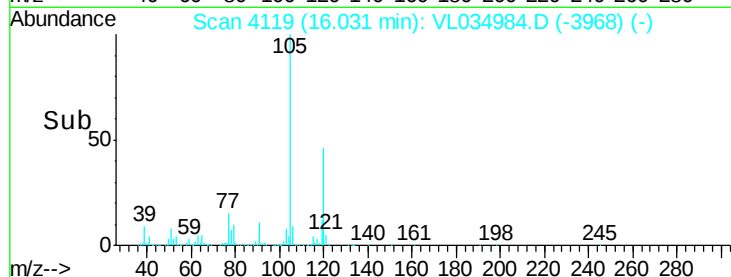
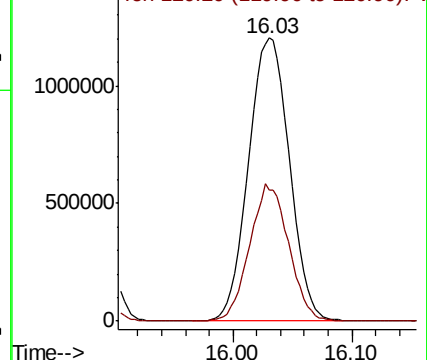
105 100

120 46.2 36.4 54.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 9.432 ppbv

RT: 16.80 min Scan# 4359

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Tgt Ion:105 Resp: 2967616

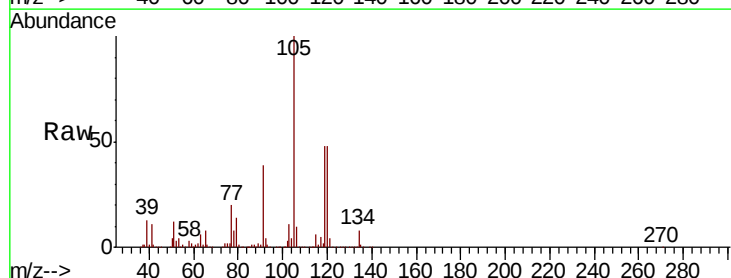
Ion Ratio Lower Upper

105 100

120 47.8 36.8 55.2

91 39.1 35.4 53.0

77 19.9 16.2 24.2

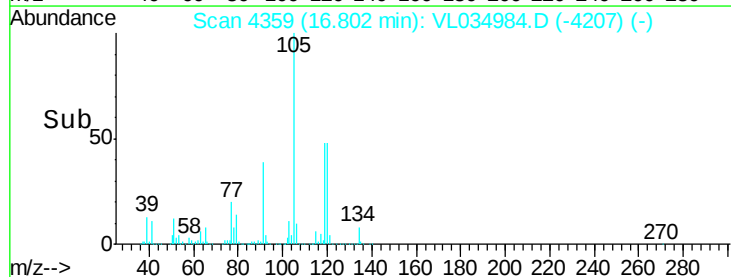
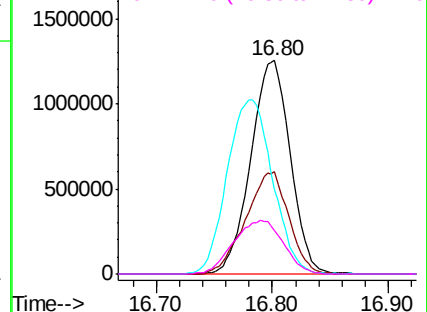


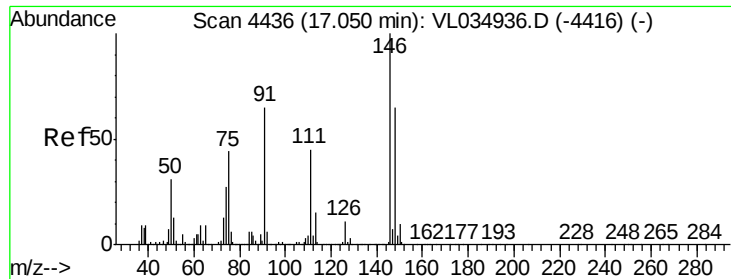
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 8.957 ppbv

RT: 17.04 min Scan# 4432

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

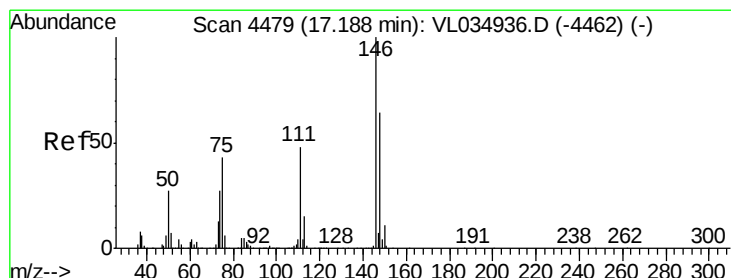
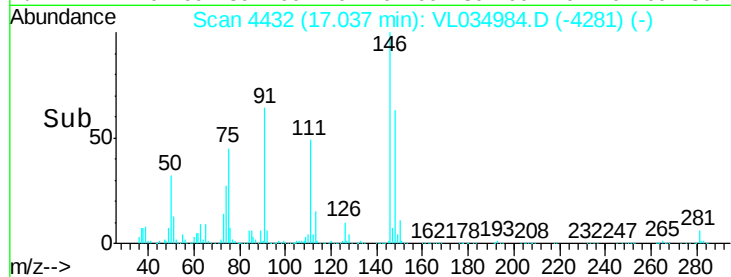
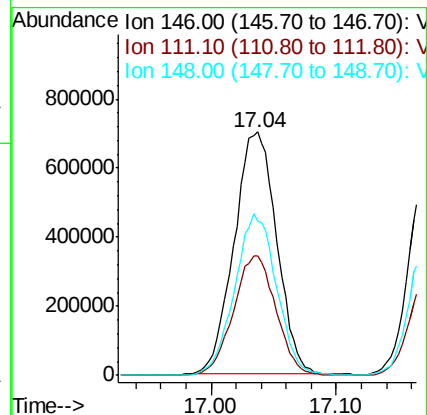
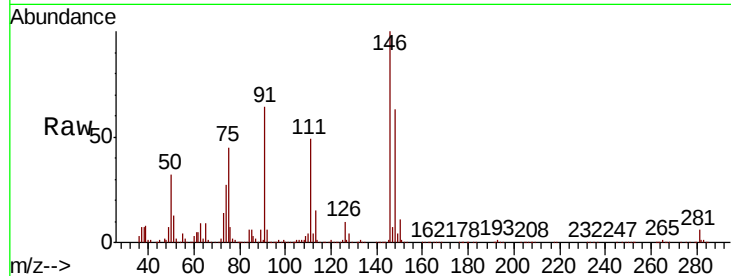
Tot Ion:146 Resp: 1654806

Ion Ratio Lower Upper

146 100

111 49.3 24.0 72.0

148 65.5 32.6 97.7



#76

1,4-Dichlorobenzene

Concen: 9.658 ppbv

RT: 17.18 min Scan# 4475

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

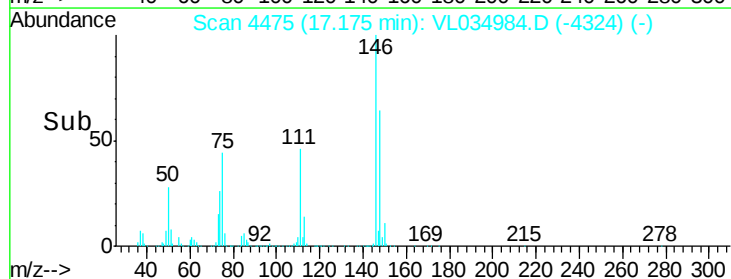
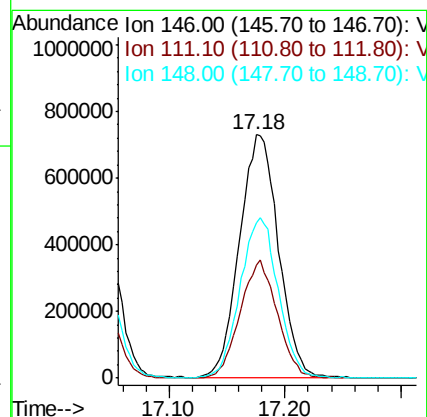
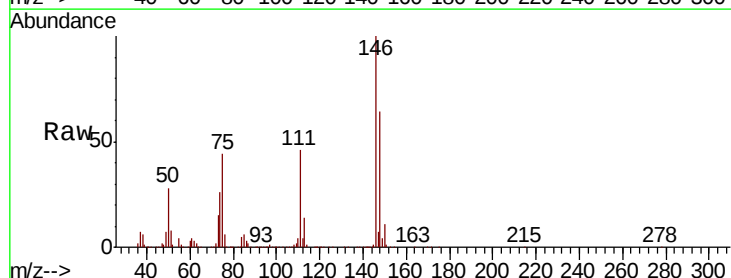
Tgt Ion:146 Resp: 1695415

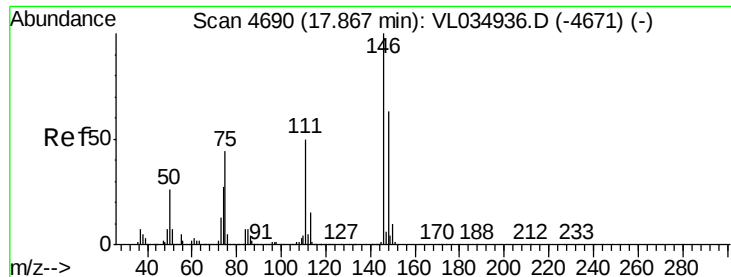
Ion Ratio Lower Upper

146 100

111 46.6 23.7 71.1

148 64.9 32.6 97.8





#77

1,2-Dichlorobenzene

Concen: 9.275 ppbv

RT: 17.86 min Scan# 4687

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

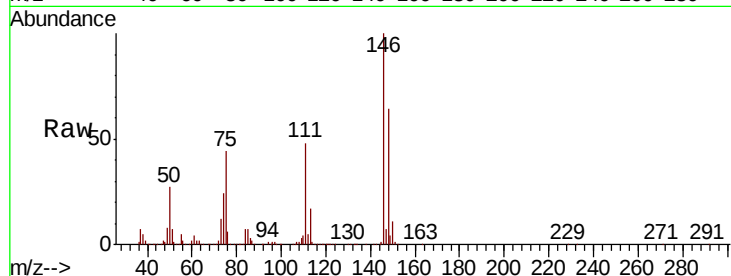
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 1614450

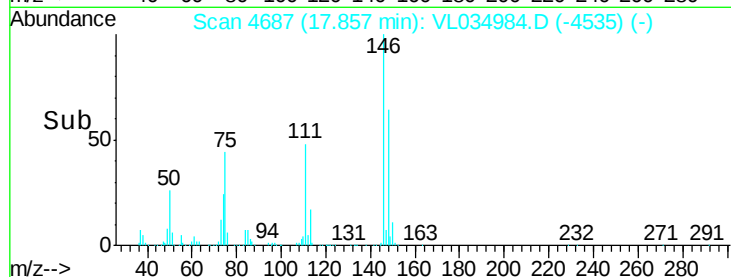
Ion	Ratio	Lower	Upper
146	100		
111	49.0	24.5	73.5
148	63.0	31.7	95.1



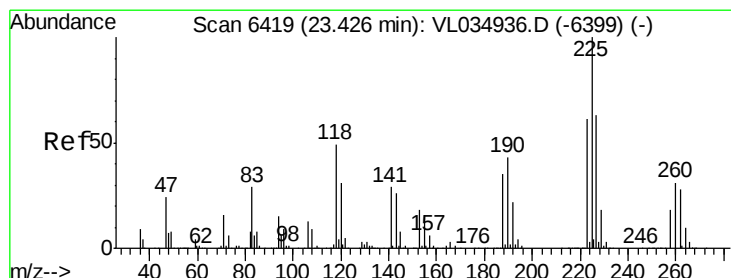
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



Time-->



#78

Hexachloro-1,3-Butadiene

Concen: 8.678 ppbv

RT: 23.42 min Scan# 6417

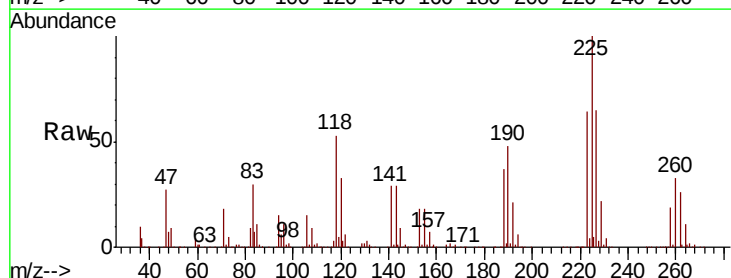
Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Tgt Ion:225 Resp: 1287670

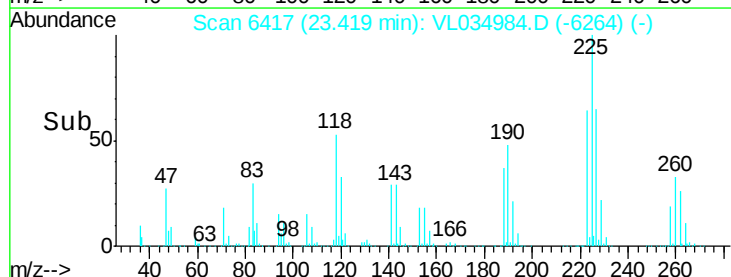
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.8
227	65.6	51.8	77.6



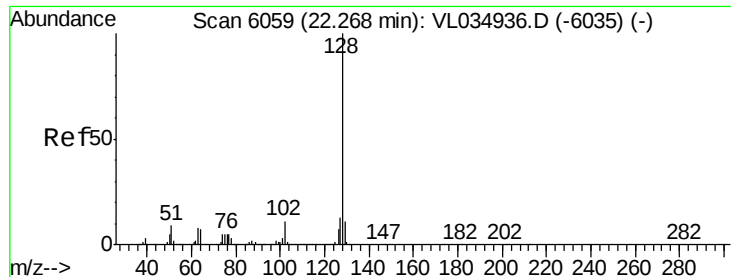
Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



Time-->



#79

Naphthalene

Concen: 11.857 ppbv

RT: 22.26 min Scan# 6055

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

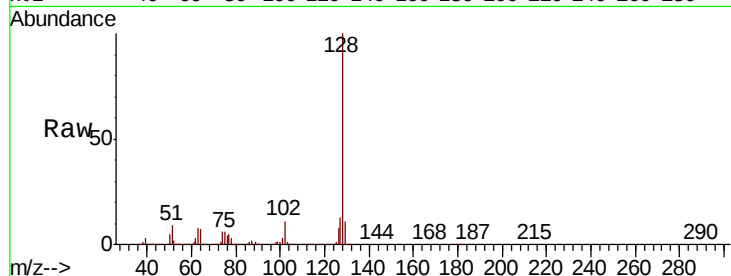
Tot Ion:128 Resp: 2905112

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

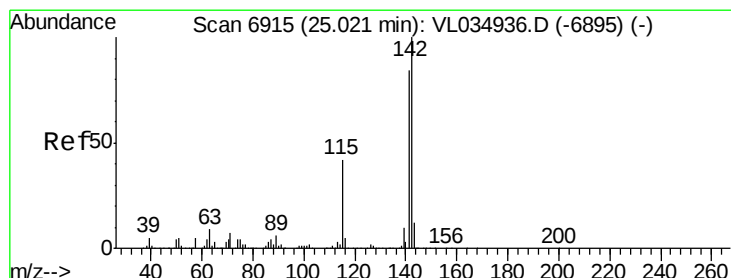
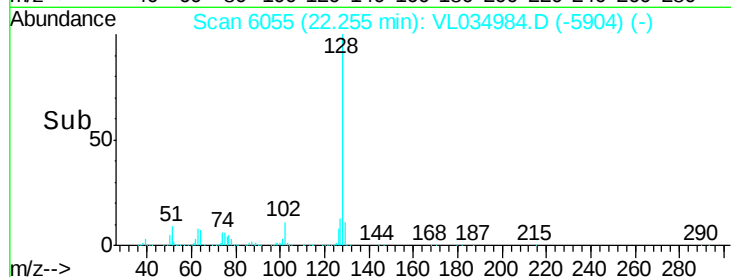
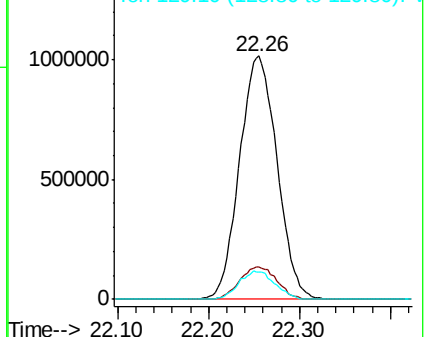
129 11.2 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 19.760 ppbv

RT: 25.01 min Scan# 6912

Delta R.T. -0.01 min

Lab File: VL034984.D

Acq: 12 May 2020 11:37

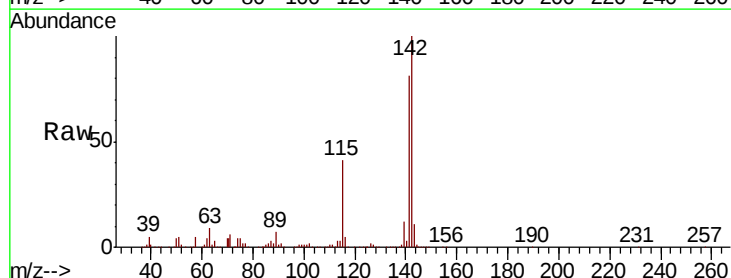
Tgt Ion:142 Resp: 1190059

Ion Ratio Lower Upper

142 100

141 83.9 68.6 102.8

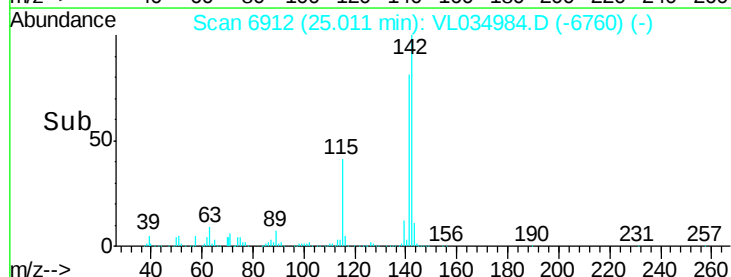
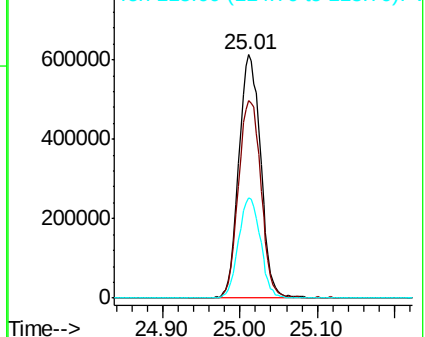
115 41.4 33.9 50.9

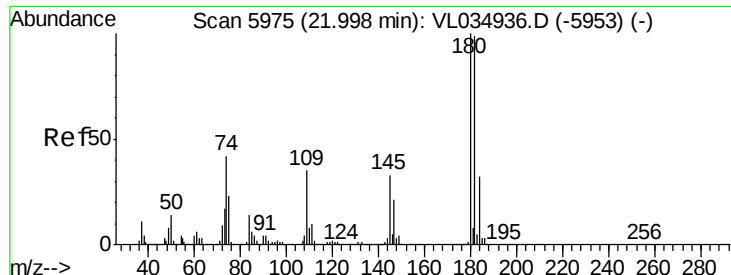


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

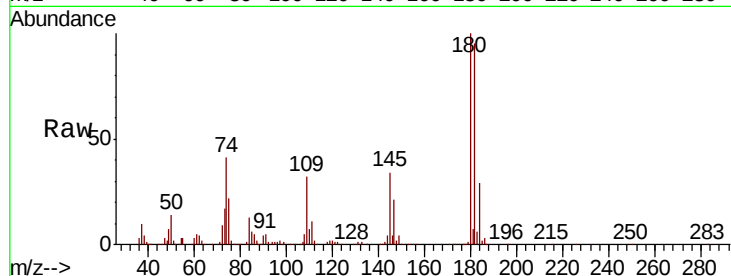




#81
 1,2,4-Trichlorobenzene
 Concen: 10.250 ppbv
 RT: 21.98 min Scan# 5970
 Delta R.T. -0.02 min
 Lab File: VL034984.D
 Acq: 12 May 2020 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:180 Resp: 1522921
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.5 116.3
 184 30.7 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

