

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036769.D
 Acq On : 9 Apr 2021 10:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 10 01:58:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1420351	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	3628330	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	3804321	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2080517	6.86	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	68.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	1922697	8.299 ppbv	97
3) Chlorodifluoromethane	2.98	51	2308656	8.700 ppbv	100
4) Chloromethane	3.13	50	826947	8.822 ppbv	98
5) Vinyl Chloride	3.25	62	789954	8.196 ppbv	96
6) Bromomethane	3.46	94	461010	8.688 ppbv	97
7) Chloroethane	3.55	64	283551	8.562 ppbv	98
8) Dichlorotetrafluoroethane	3.18	85	1928138	8.720 ppbv	99
9) Propene	3.00	41	758932	8.971 ppbv	99
10) Heptane	8.11	43	1961708	9.102 ppbv	100
11) Trichlorofluoromethane	3.94	101	2013731	8.530 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1323159	8.766 ppbv	100
13) Ethanol	3.60	45	49466	4.910 ppbv #	27
14) Bromoethene	3.73	108	541234	8.625 ppbv	97
15) Acetone	3.84	43	1103405	7.893 ppbv	97
16) 1,3-Butadiene	3.32	39	835346	8.583 ppbv	96
17) tert-Butyl alcohol	4.28	59	1279884	10.517 ppbv	99
18) 1,1-Dichloroethene	4.28	96	571779	8.516 ppbv	96
19) Isopropyl Alcohol	3.95	45	760390	9.888 ppbv #	97
20) Methylene Chloride	4.33	84	526370	8.042 ppbv	99
21) Allyl Chloride	4.40	41	1007041	9.037 ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	575802	9.250 ppbv	91
23) Vinyl Acetate	5.06	43	2273914	9.509 ppbv	99
24) 1,1-Dichloroethane	5.00	63	1531136	8.785 ppbv	99
25) Ethyl Acetate	5.67	43	3043644	9.158 ppbv	100
26) Hexane	5.67	57	1417967	9.194 ppbv	99
27) Carbon Disulfide	4.54	76	1499891	9.872 ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	1726359	9.491 ppbv	100
29) Chloroform	5.74	83	2216020	8.984 ppbv	98
30) Cyclohexane	7.12	84	1224727	9.791 ppbv	96
31) cis-1,2-Dichloroethene	5.54	61	1417963	9.505 ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	2248572	9.046 ppbv	99
34) 2-Butanone	5.23	43	1514061	8.549 ppbv	99
35) Carbon Tetrachloride	7.01	117	2378771	8.536 ppbv	98
36) Benzene	6.88	78	2962031	8.852 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1710405	8.684 ppbv	100
38) Trichloroethene	7.82	130	1051385	8.073 ppbv	98
39) 1,2-Dichloropropane	7.60	63	1146405	8.445 ppbv	98
40) 1,4-Dioxane	7.82	88	305588	9.673 ppbv	70
41) Tetrahydrofuran	6.04	42	736723	9.022 ppbv	96
42) Bromodichloromethane	7.78	83	2410452	8.998 ppbv	99
43) Methyl Methacrylate	8.00	69	1065350	9.481 ppbv	98

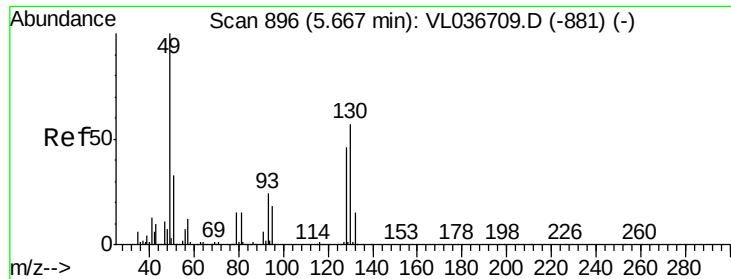
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036769.D
 Acq On : 9 Apr 2021 10:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 10 01:58:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4953045	8.410	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1282014	9.992	ppbv	96
46) cis-1,3-Dichloropropene	8.69	75	1603290	9.775	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1206427	8.775	ppbv	94
48) Dibromochloromethane	10.29	129	2002951	9.556	ppbv	100
49) Bromoform	13.03	173	1642206	9.724	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2273640	8.872	ppbv	100
51) 2-Hexanone	10.12	43	1214346	9.390	ppbv #	98
52) Tetrachloroethene	11.21	164	997843	8.098	ppbv	93
53) Toluene	9.80	91	3330814	9.347	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1743940	8.982	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1347440	7.831	ppbv	98
57) Chlorobenzene	12.14	112	2442869	7.547	ppbv	99
58) Ethyl Benzene	12.70	91	4447254	8.035	ppbv	99
59) m/p-Xylene	12.99	91	3954079	8.191	ppbv #	39
60) o-Xylene	13.68	91	3533261	7.570	ppbv	100
61) Styrene	13.52	104	2072771	8.827	ppbv	99
62) Isopropylbenzene	14.66	105	4783712	7.610	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2587240	7.266	ppbv	99
64) n-propylbenzene	15.55	120	1256653	8.177	ppbv	100
65) tert-Butylbenzene	16.74	119	4180513	7.670	ppbv	100
66) Benzyl Chloride	16.98	91	567216	9.415	ppbv	97
67) sec-Butylbenzene	17.29	105	5867807	7.626	ppbv	100
69) p-Isopropyltoluene	17.64	119	4857255	8.084	ppbv	99
70) n-Butylbenzene	18.54	91	4984714	8.002	ppbv	99
71) 2-Chlorotoluene	15.45	91	3697652	7.850	ppbv	99
72) 4-Ethyltoluene	15.83	105	4218553	8.248	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3789223	7.938	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3916837	7.667	ppbv	94
75) 1,3-Dichlorobenzene	16.99	146	2274601	7.910	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2164606	7.582	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2186274	8.088	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1599174	6.606	ppbv	99
79) Naphthalene	22.19	128	2678358	8.985	ppbv	100
80) Naphthalene, 2-methyl-	24.97	142	539706	9.181	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1495687	8.126	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. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

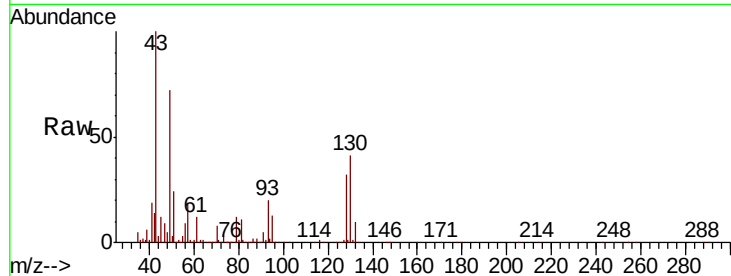
Tot Ion: 49 Resp: 1420351

Ion Ratio Lower Upper

49 100

128 48.4 23.5 70.6

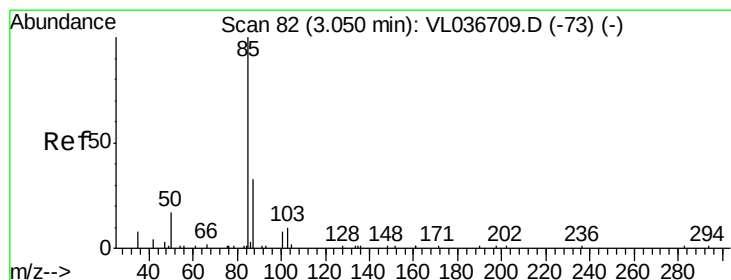
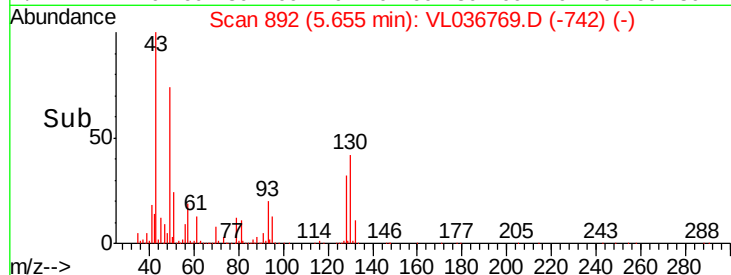
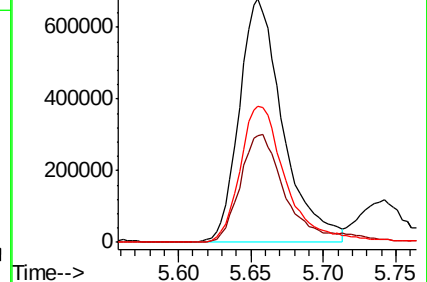
130 60.4 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 8.299 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL036769.D

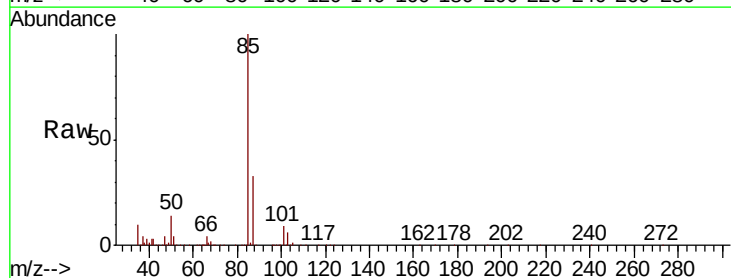
Acq: 9 Apr 2021 10:01

Tgt Ion: 85 Resp: 1922697

Ion Ratio Lower Upper

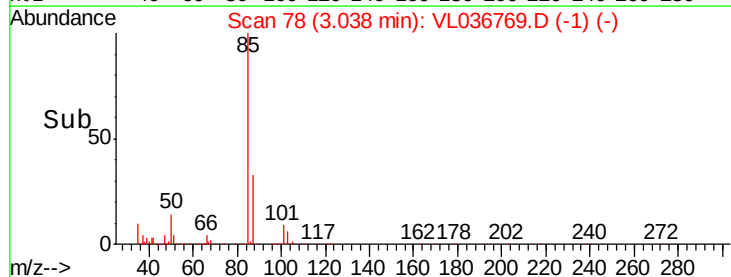
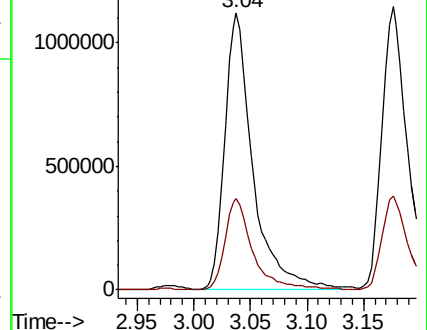
85 100

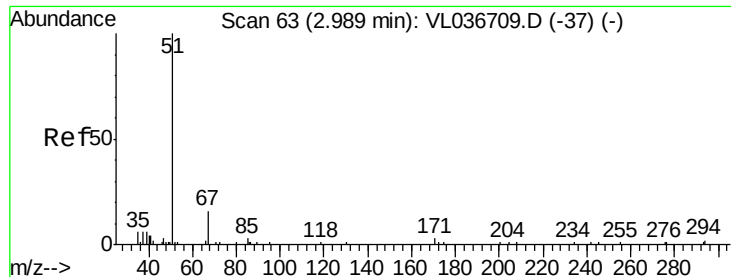
87 32.8 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.700 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

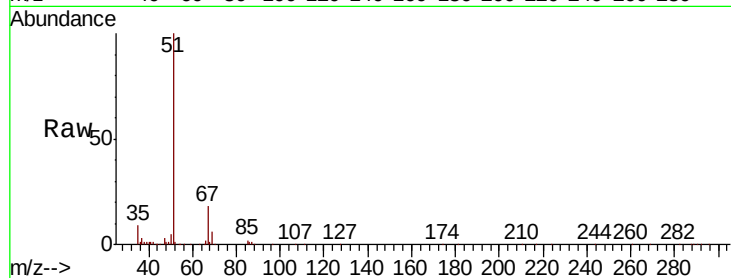
VSTDCCC010

Tot Ion: 51 Resp: 2308656

Ion Ratio Lower Upper

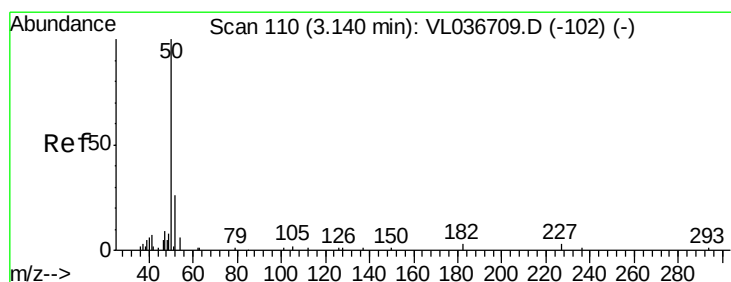
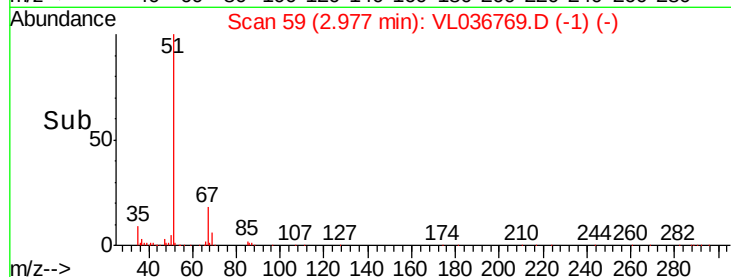
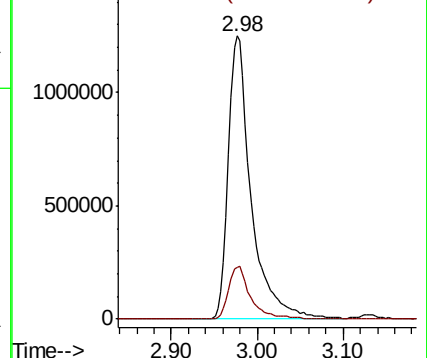
51 100

67 18.2 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.822 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL036769.D

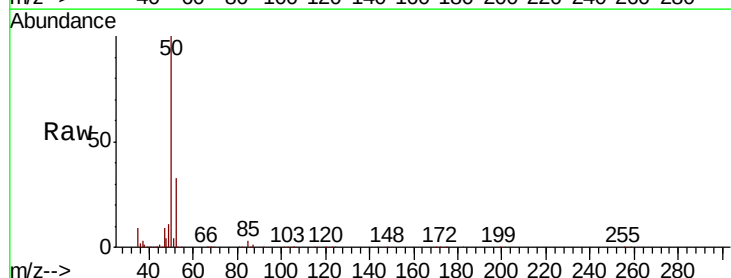
Acq: 9 Apr 2021 10:01

Tgt Ion: 50 Resp: 826947

Ion Ratio Lower Upper

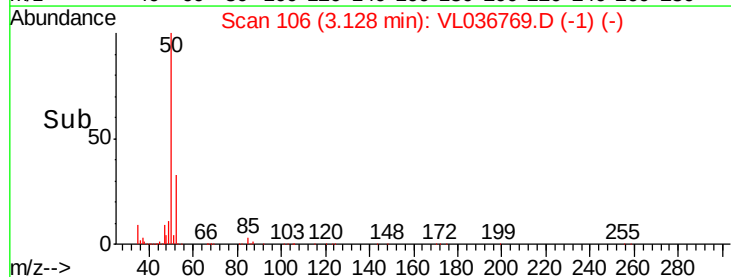
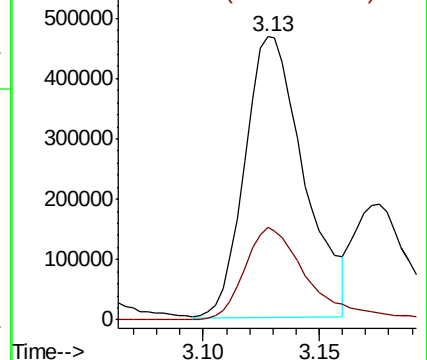
50 100

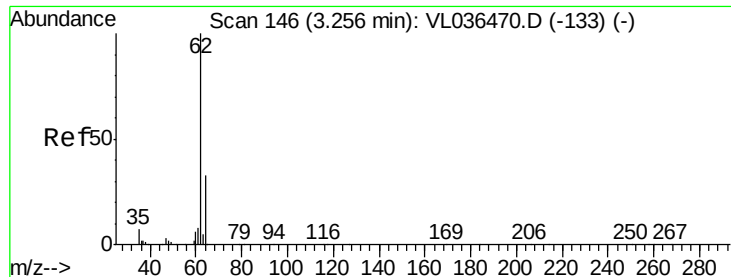
52 32.9 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.196 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

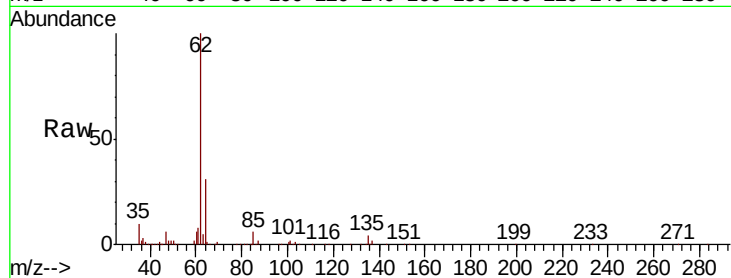
VSTDCCC010

Tot Ion: 62 Resp: 789954

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.25

400000

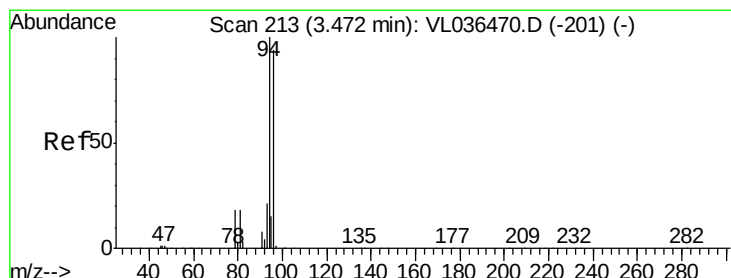
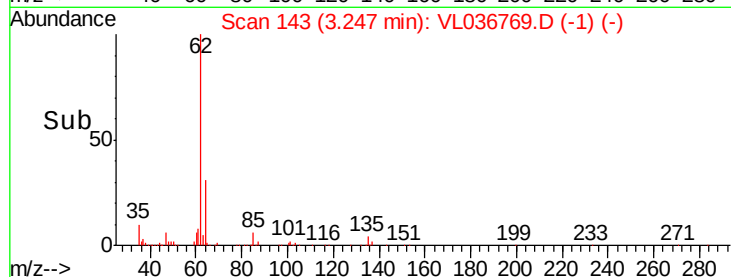
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 8.688 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.01 min

Lab File: VL036769.D

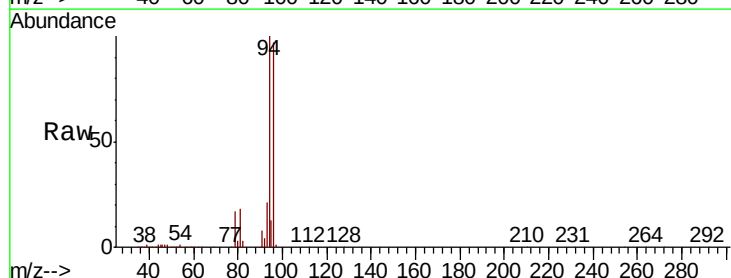
Acq: 9 Apr 2021 10:01

Tgt Ion: 94 Resp: 461010

Ion Ratio Lower Upper

94 100

96 96.5 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.46

250000

200000

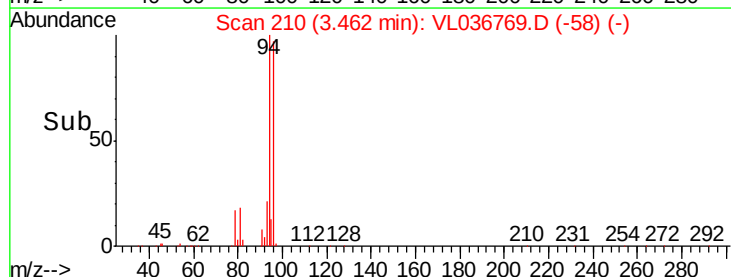
150000

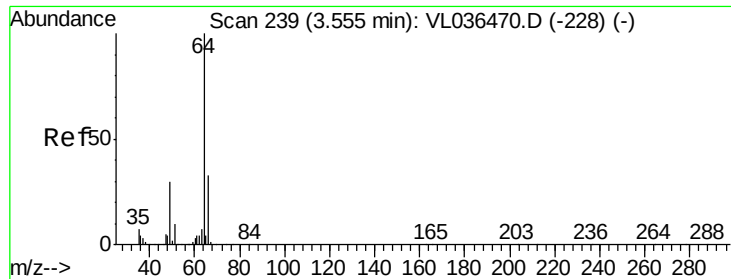
100000

50000

0

Time-->





#7

Chloroethane

Concen: 8.562 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

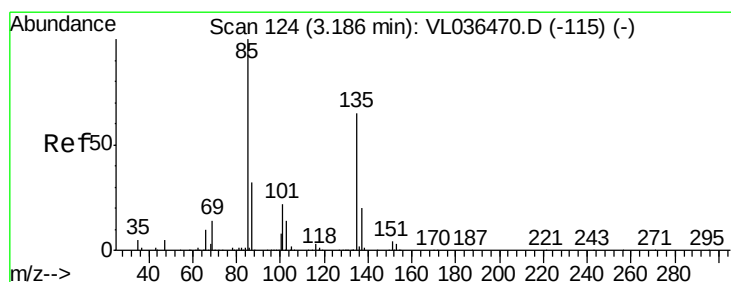
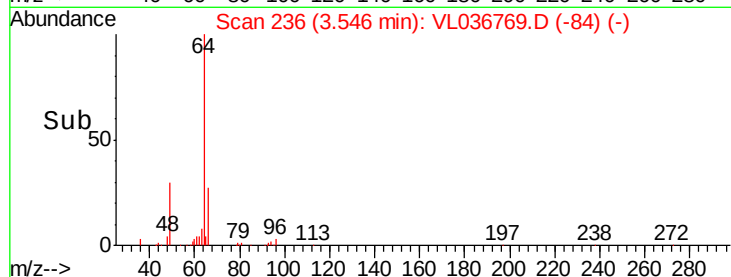
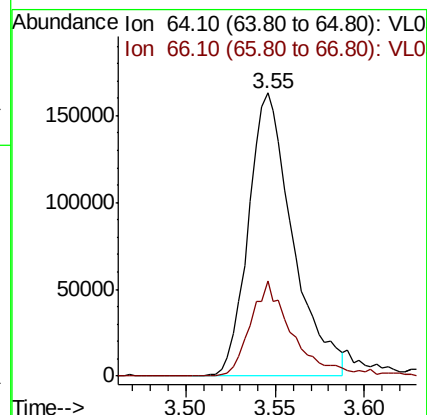
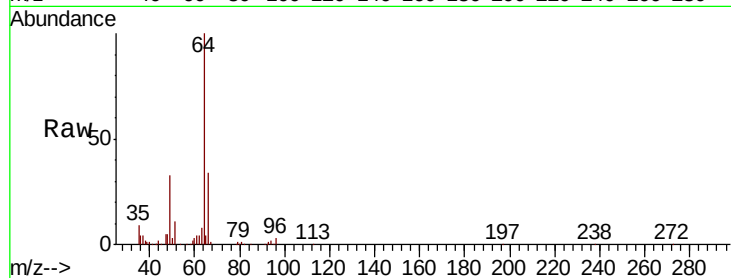
VSTDCCC010

Tot Ion: 64 Resp: 283551

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.2



#8

Dichlorotetrafluoroethane

Concen: 8.720 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.01 min

Lab File: VL036769.D

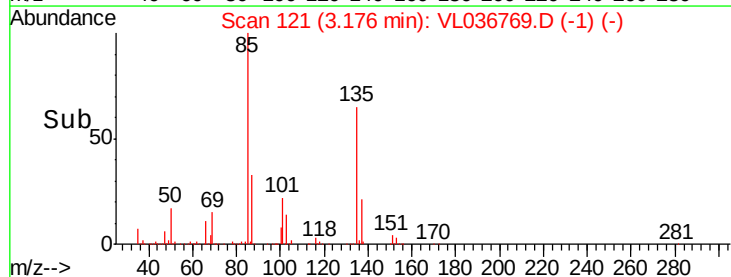
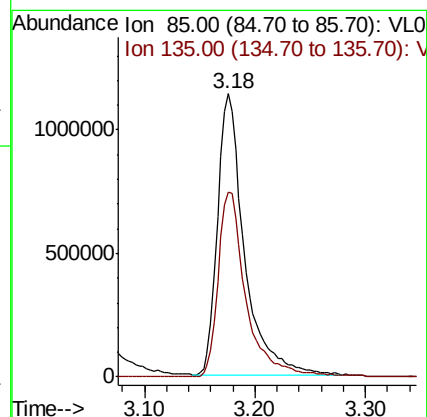
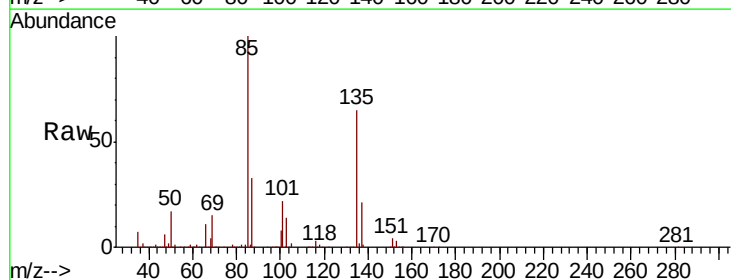
Acq: 9 Apr 2021 10:01

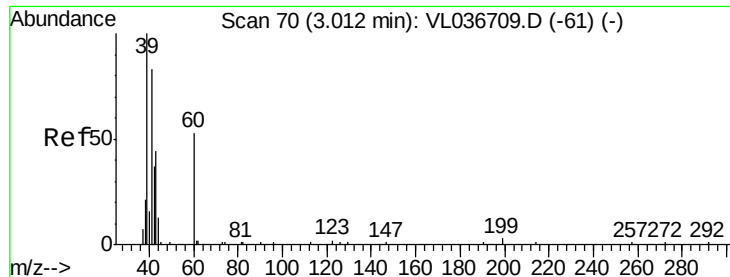
Tgt Ion: 85 Resp: 1928138

Ion Ratio Lower Upper

85 100

135 68.8 54.3 81.5





#9

Propene

Concen: 8.971 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

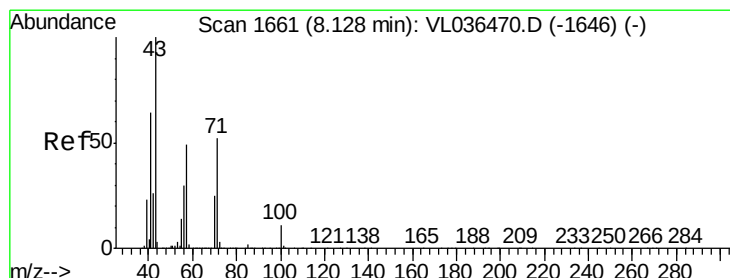
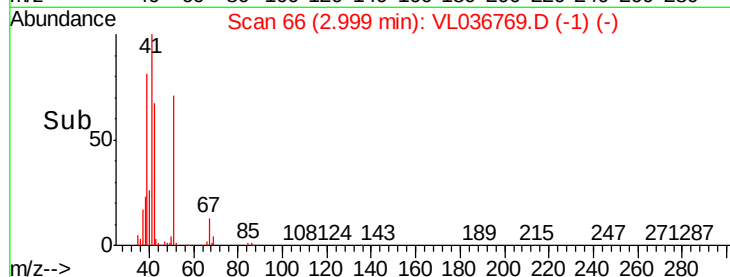
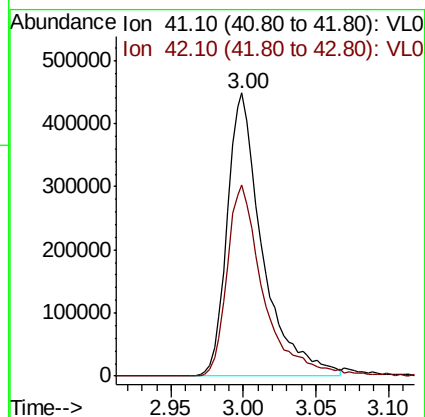
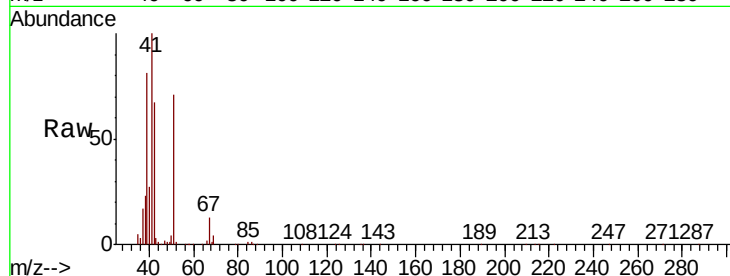
VSTDCCC010

Tot Ion: 41 Resp: 758932

Ion Ratio Lower Upper

41 100

42 70.2 57.0 85.4



#10

Heptane

Concen: 9.102 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VL036769.D

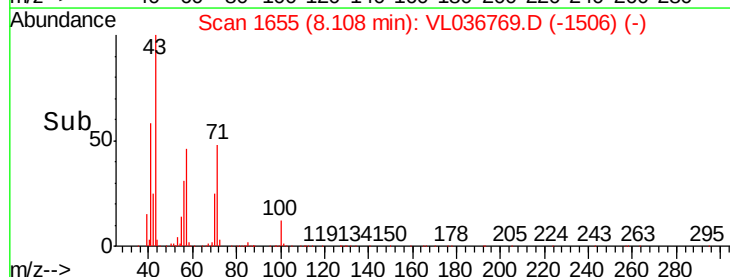
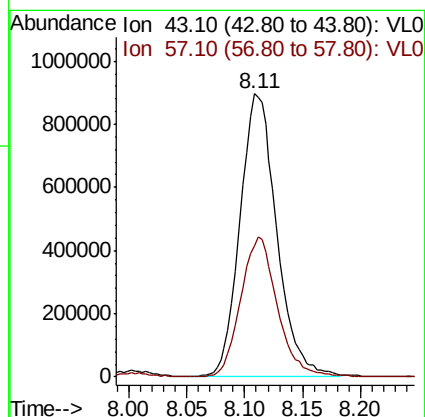
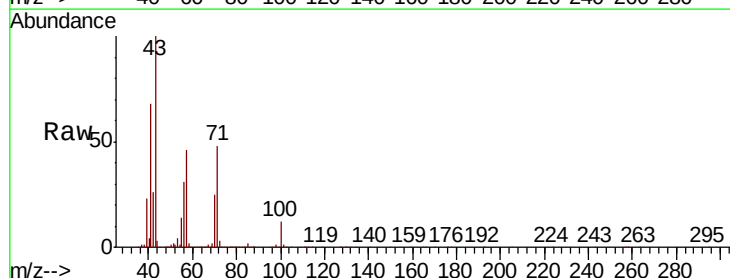
Acq: 9 Apr 2021 10:01

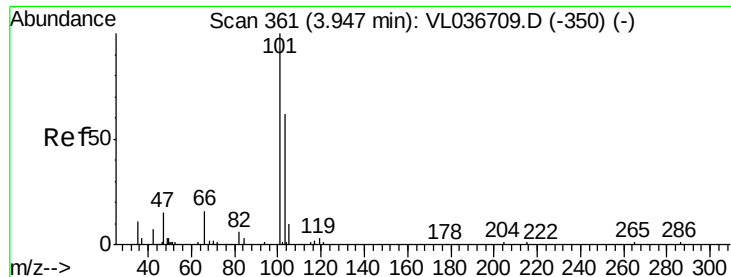
Tgt Ion: 43 Resp: 1961708

Ion Ratio Lower Upper

43 100

57 49.1 39.0 58.6

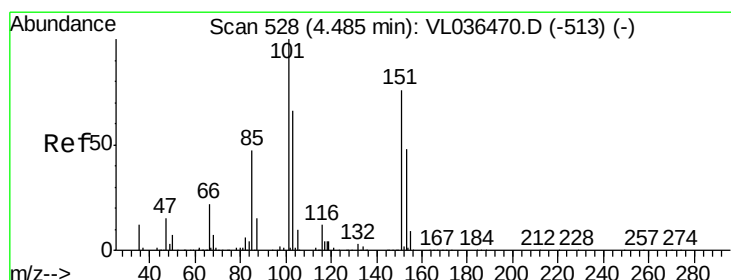
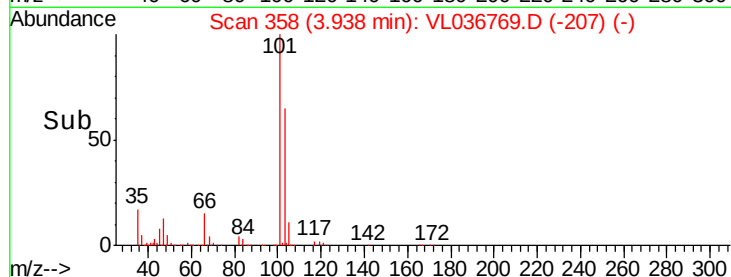
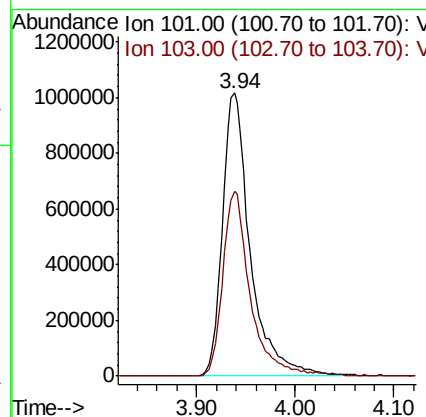
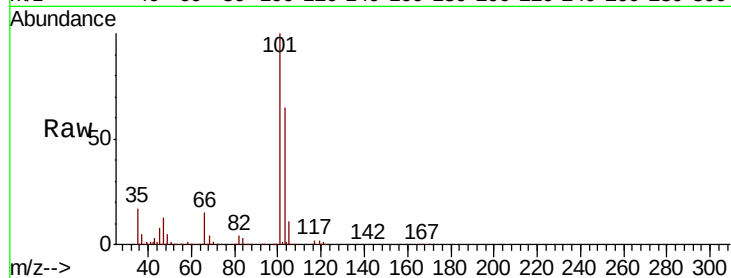




#11
 Trichlorofluoromethane
 Concen: 8.530 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. -0.01 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

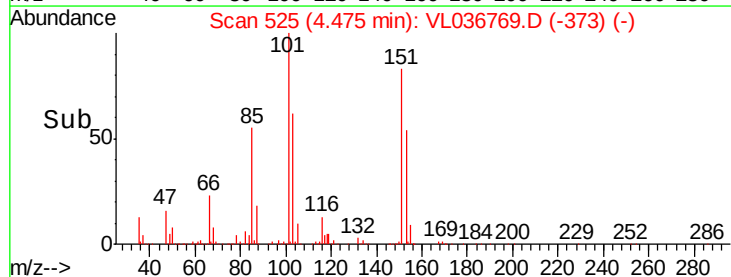
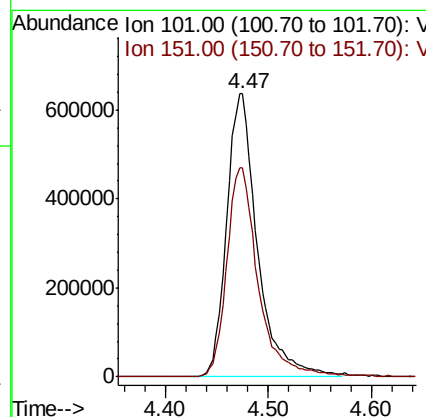
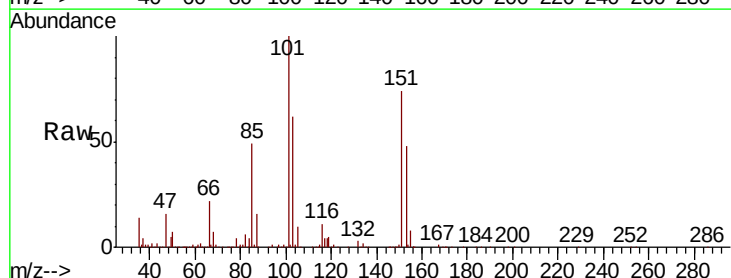
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

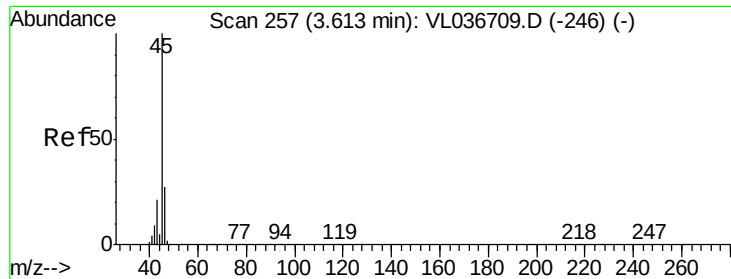
Tot Ion:101 Resp: 2013731
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.766 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion:101 Resp: 1323159
 Ion Ratio Lower Upper
 101 100
 151 75.8 60.9 91.3





#13

Ethanol

Concen: 4.910 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

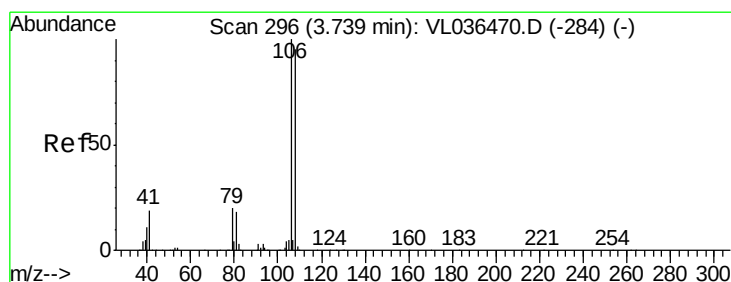
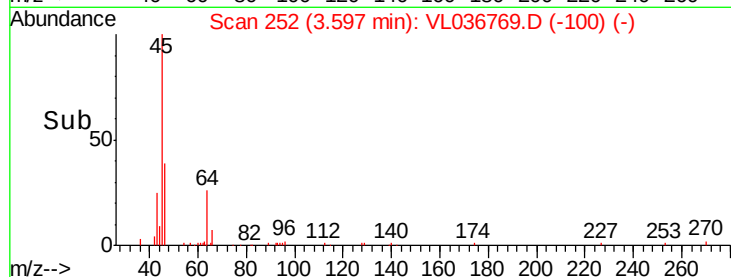
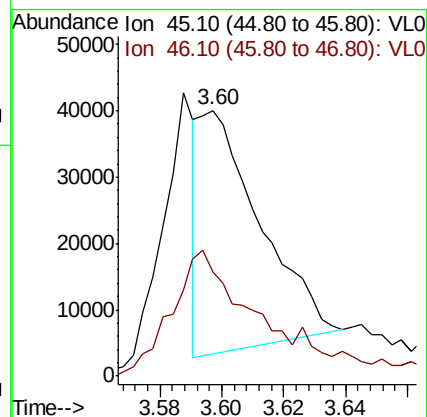
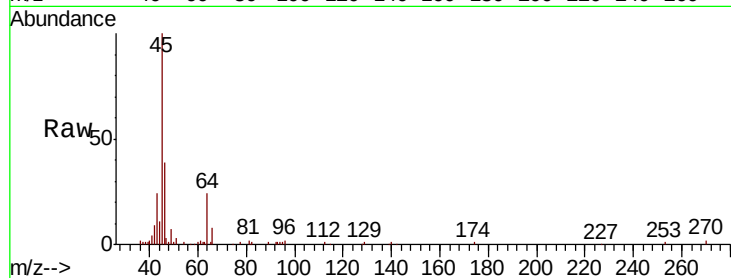
VSTDCCC010

Tot Ion: 45 Resp: 49466

Ion Ratio Lower Upper

45 100

46 87.3 16.6 66.2#



#14

Bromoethene

Concen: 8.625 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

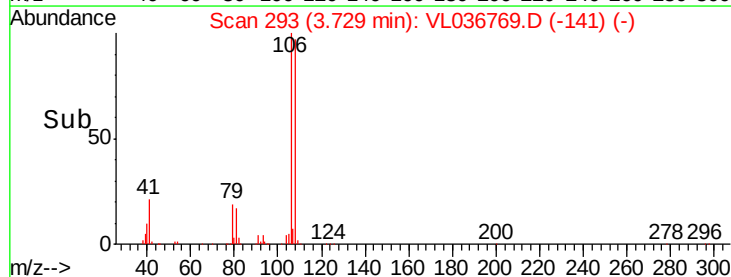
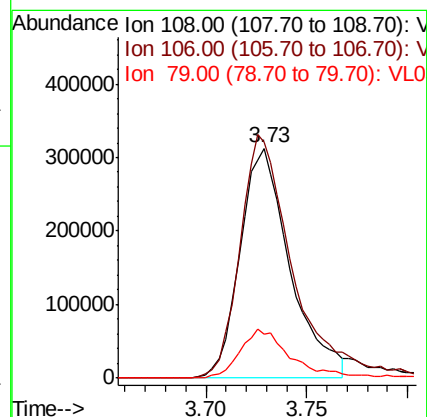
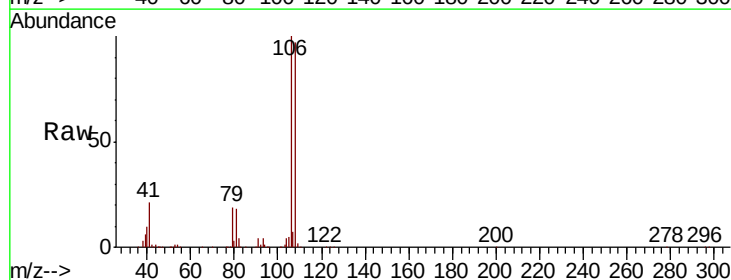
Tgt Ion: 108 Resp: 541234

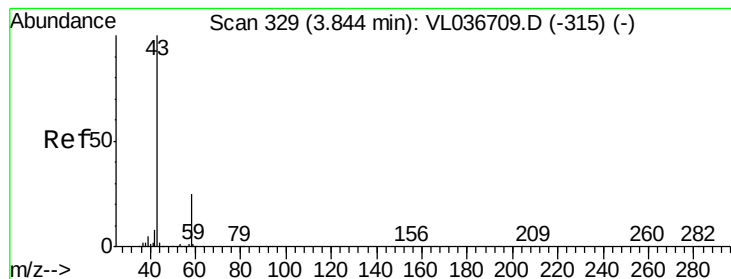
Ion Ratio Lower Upper

108 100

106 114.8 89.0 133.6

79 22.8 16.6 25.0





#15

Acetone

Concen: 7.893 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

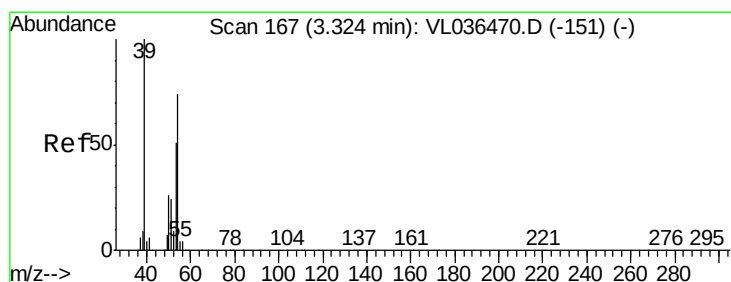
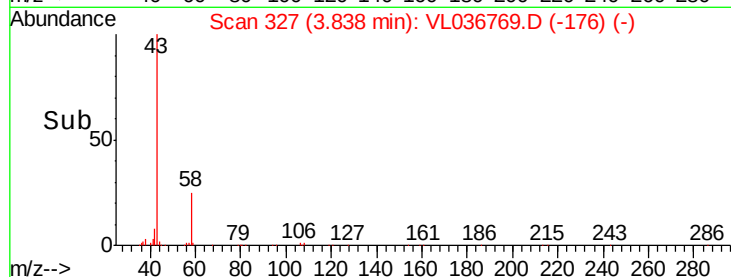
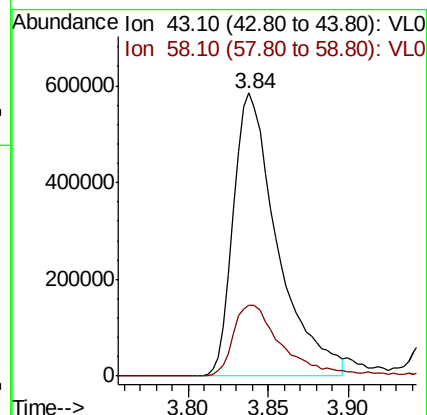
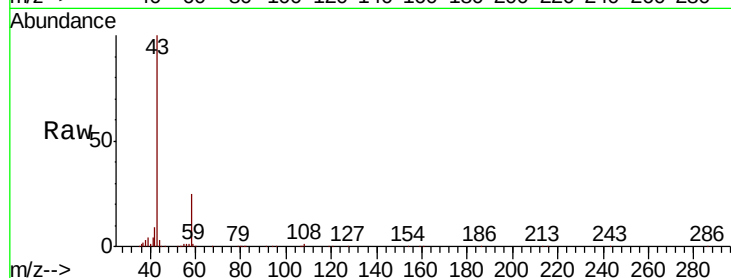
VSTDCCC010

Tot Ion: 43 Resp: 1103405

Ion Ratio Lower Upper

43 100

58 28.0 21.2 31.8



#16

1,3-Butadiene

Concen: 8.583 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.01 min

Lab File: VL036769.D

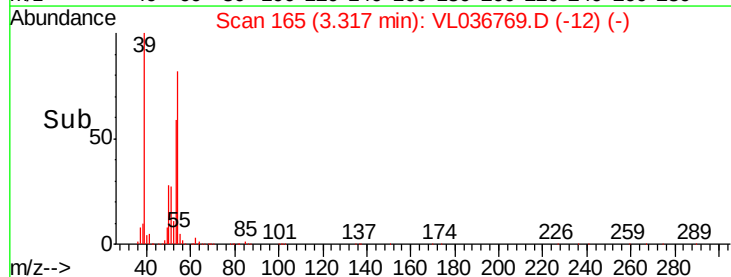
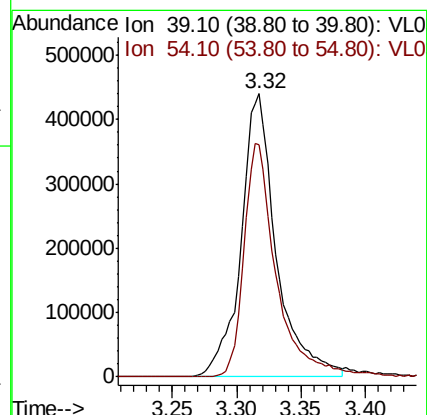
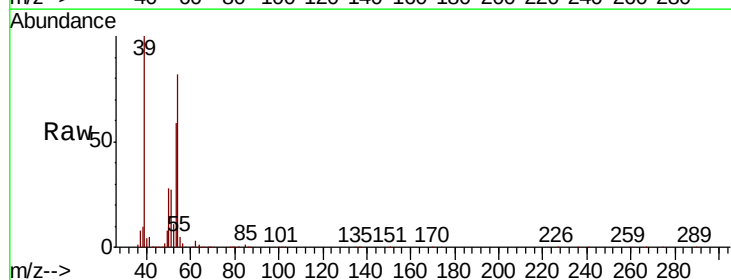
Acq: 9 Apr 2021 10:01

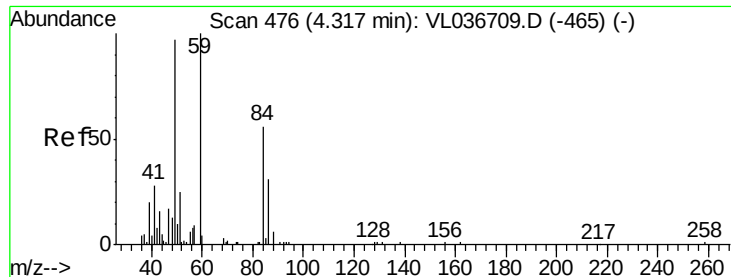
Tgt Ion: 39 Resp: 835346

Ion Ratio Lower Upper

39 100

54 76.9 58.8 88.2



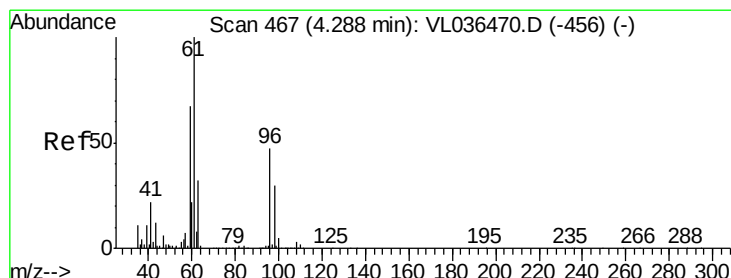
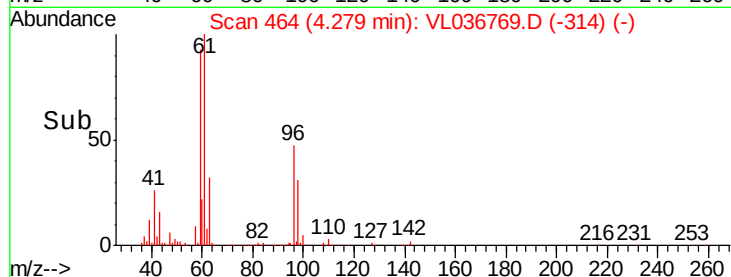
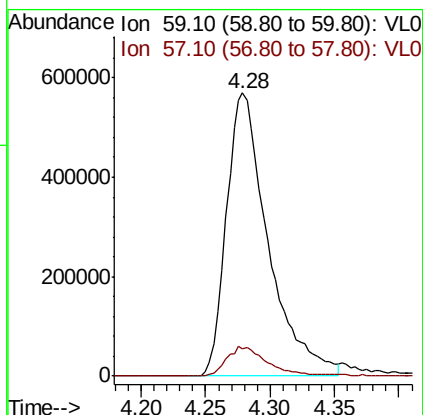
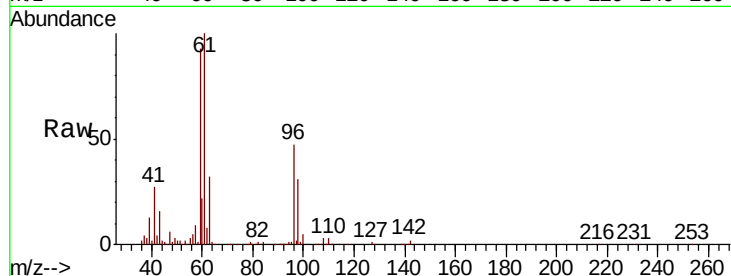


#17

tert-Butyl alcohol
Concen: 10.517 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

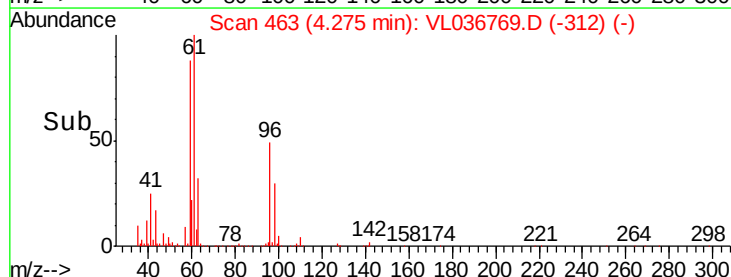
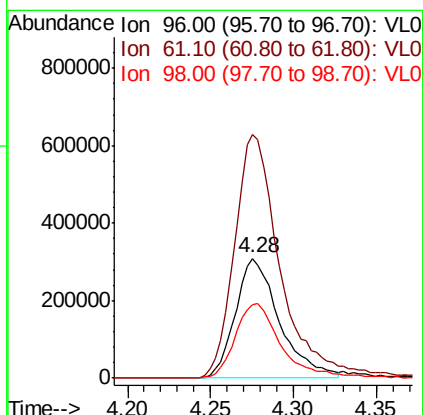
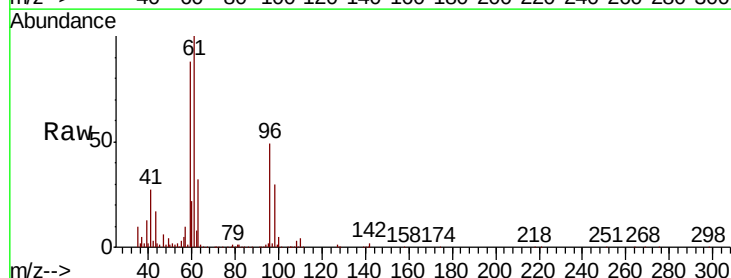
Tot Ion: 59 Resp: 1279884
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

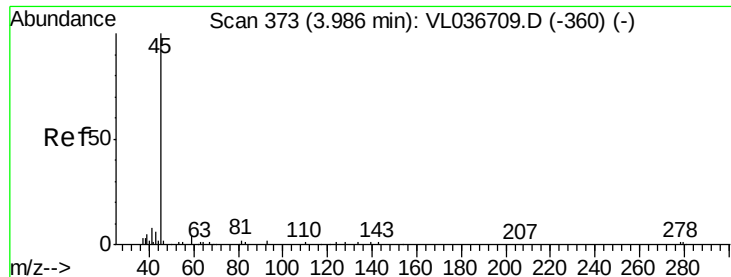


#18

1,1-Dichloroethene
Concen: 8.516 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion: 96 Resp: 571779
Ion Ratio Lower Upper
96 100
61 203.2 168.6 253.0
98 61.5 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.888 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

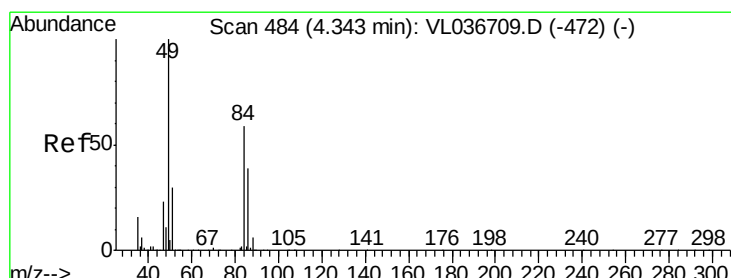
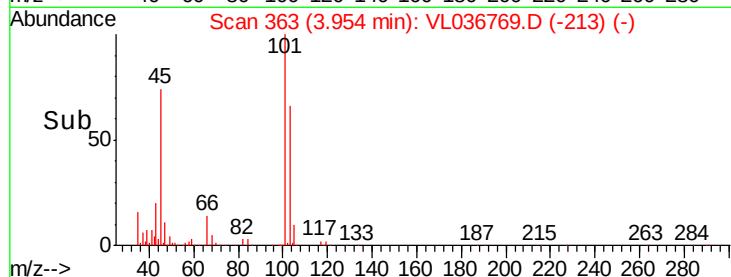
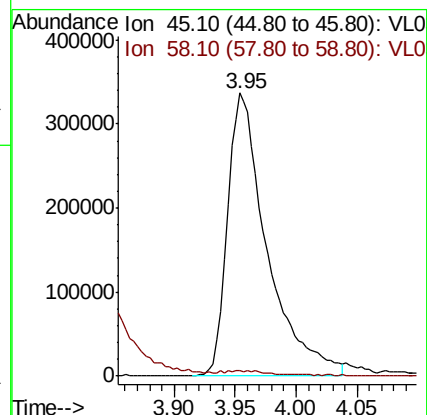
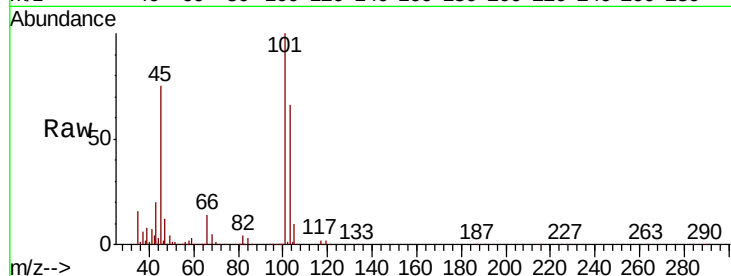
VSTDCCC010

Tot Ion: 45 Resp: 760390

Ion Ratio Lower Upper

45 100

58 2.6 2.9 4.3#



#20

Methylene Chloride

Concen: 8.042 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Tgt Ion: 84 Resp: 526370

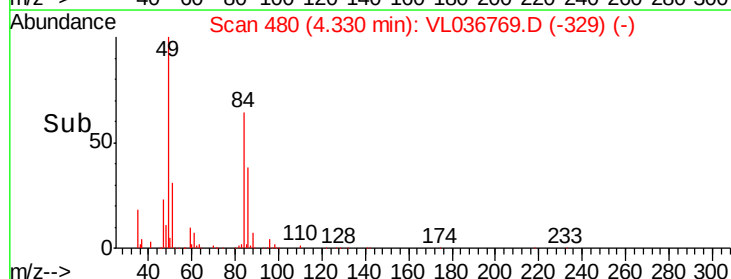
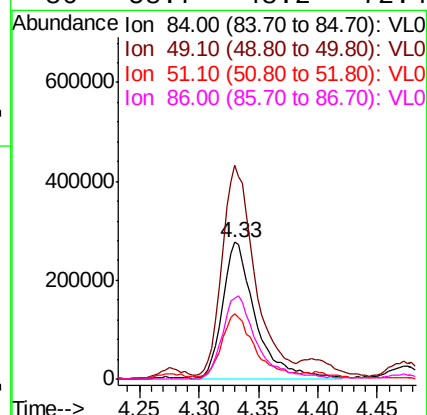
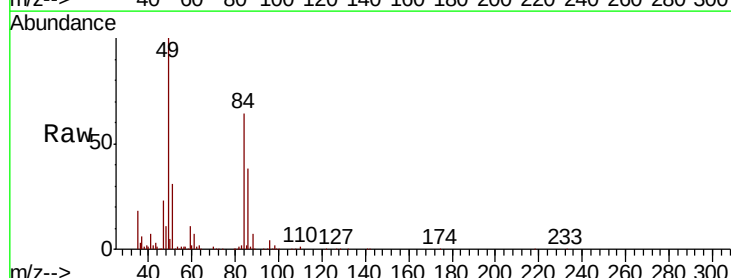
Ion Ratio Lower Upper

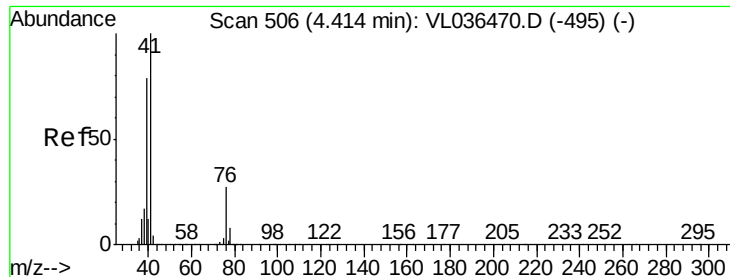
84 100

49 153.4 122.9 184.3

51 46.7 36.9 55.3

86 58.7 48.2 72.4

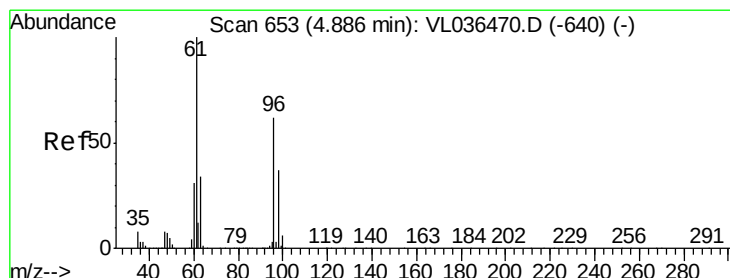
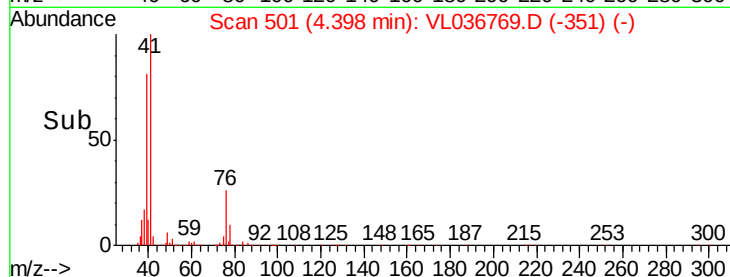
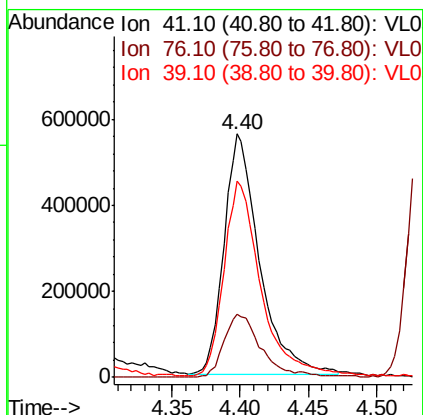
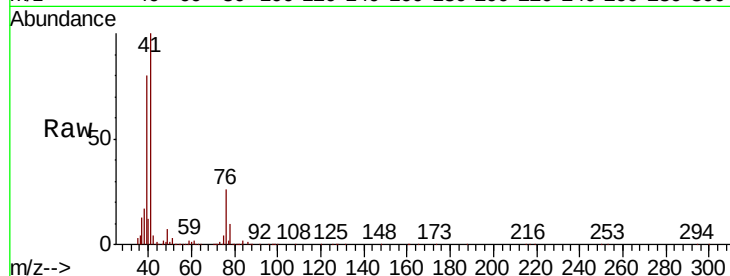




#21
Allvl Chloride
Concen: 9.037 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

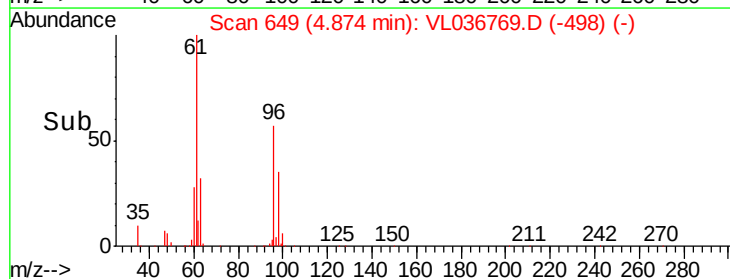
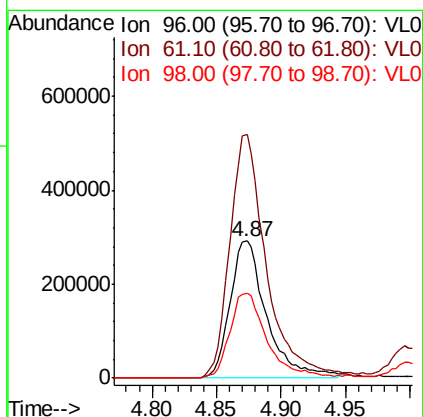
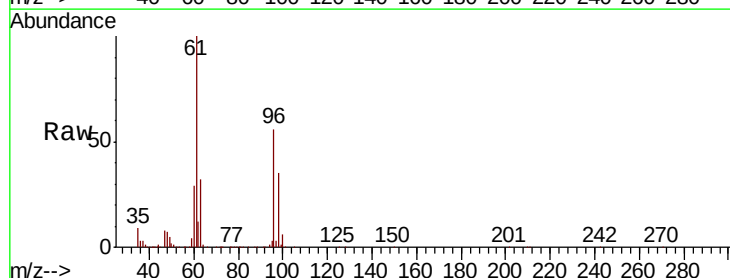
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

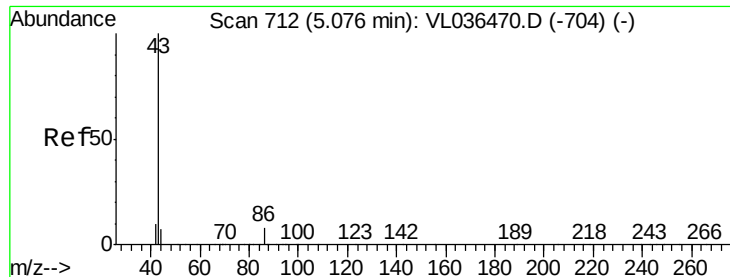
Tot Ion: 41 Resp: 1007041
Ion Ratio Lower Upper
41 100
76 28.2 22.9 34.3
39 84.9 67.3 100.9



#22
trans-1,2-Dichloroethene
Concen: 9.250 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion: 96 Resp: 575802
Ion Ratio Lower Upper
96 100
61 177.5 129.4 194.0
98 61.7 48.2 72.4



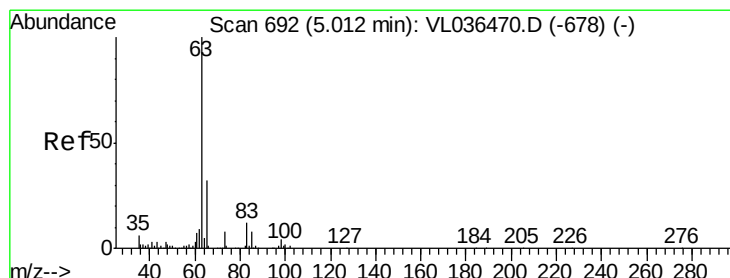
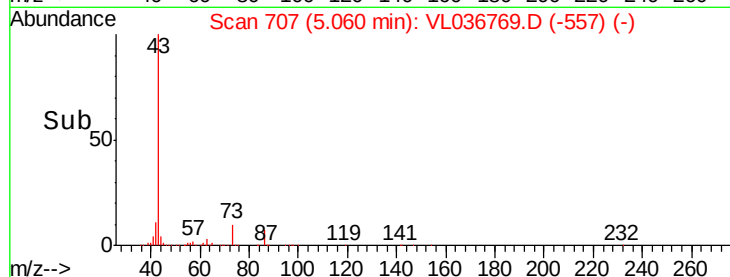
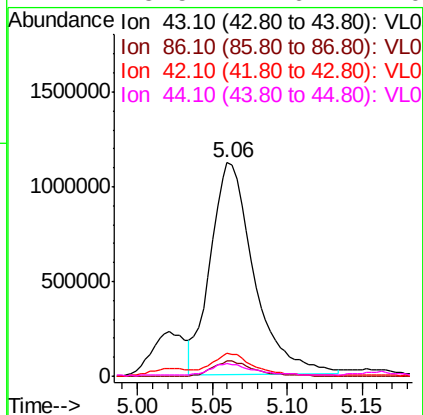
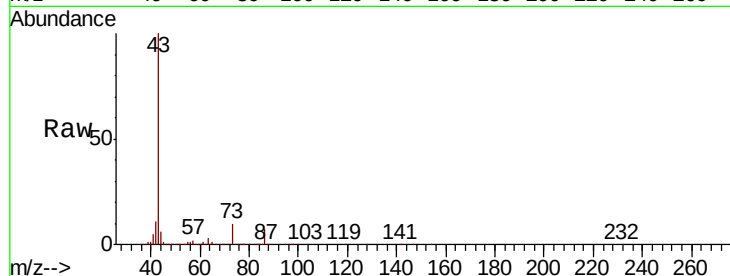


#23
 Vinyl Acetate
 Concen: 9.509 ppbv
 RT: 5.06 min Scan# 707
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion: 43 Resp: 2273914

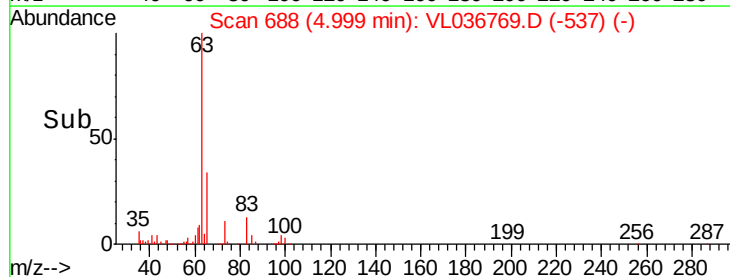
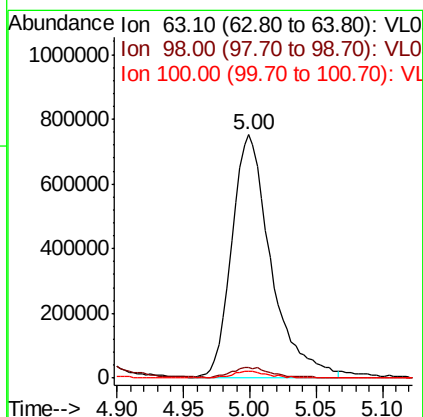
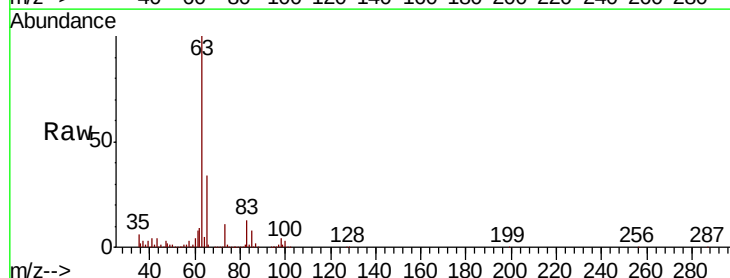
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.4	8.0
42	10.9	8.5	12.7
44	5.5	4.6	7.0

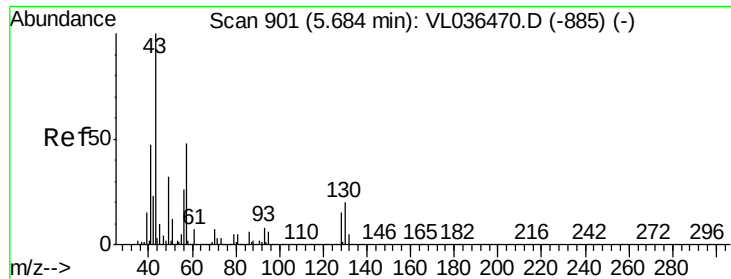


#24
 1,1-Dichloroethane
 Concen: 8.785 ppbv
 RT: 5.00 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion: 63 Resp: 1531136

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	2.8	0.9	2.8



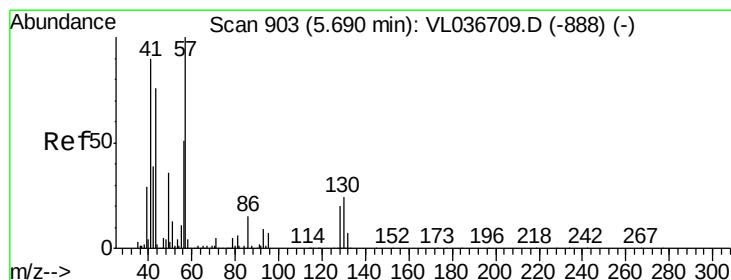
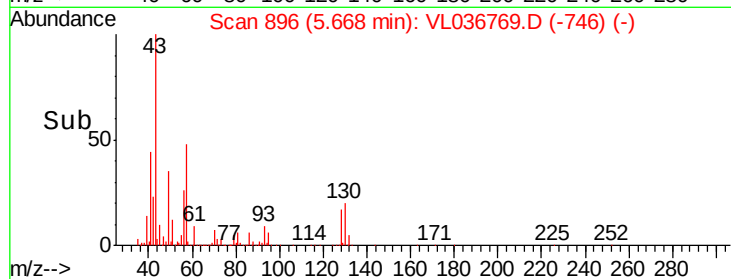
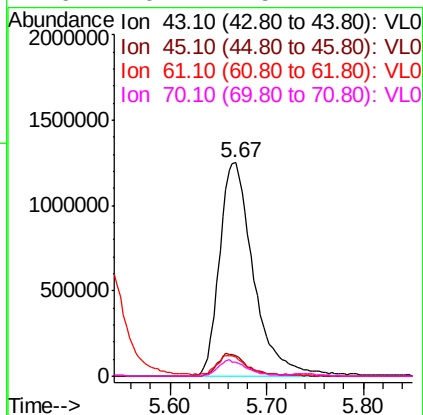
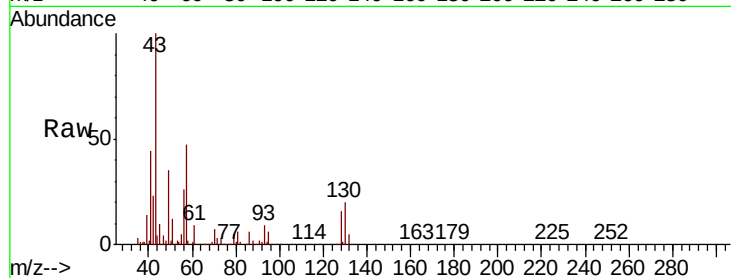


#25
Ethyl Acetate
Concen: 9.158 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 3043644

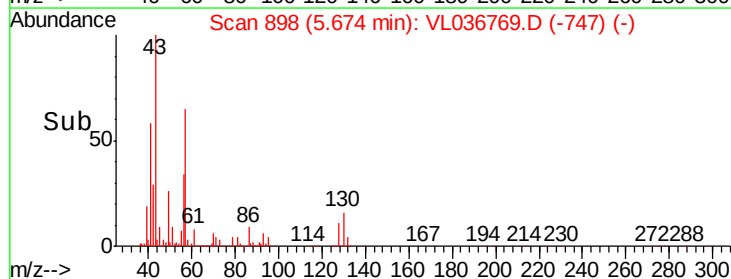
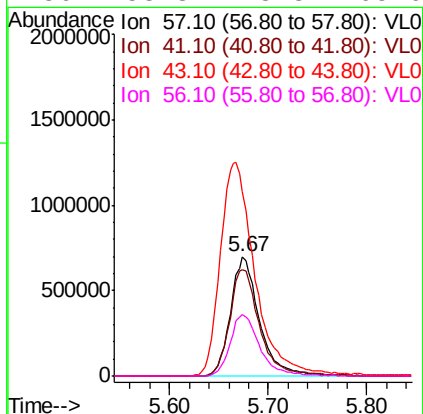
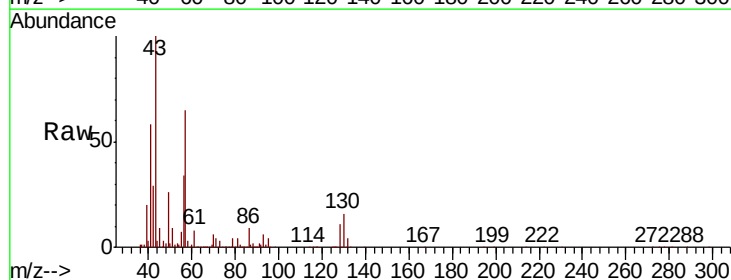
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.4	7.4	11.2
70	6.4	5.1	7.7

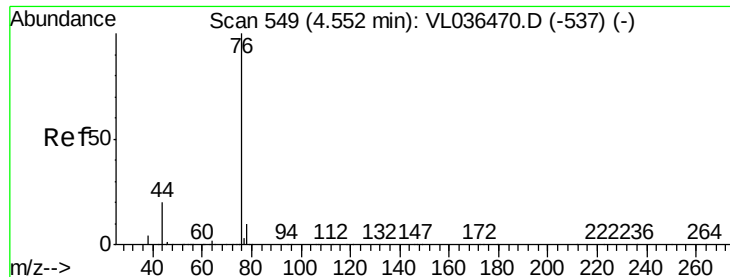


#26
Hexane
Concen: 9.194 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion: 57 Resp: 1417967

Ion	Ratio	Lower	Upper
57	100		
41	94.0	77.2	115.8
43	218.1	173.8	260.6
56	53.8	43.8	65.6





#27

Carbon Disulfide

Concen: 9.872 ppbv

RT: 4.54 min Scan# 544

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

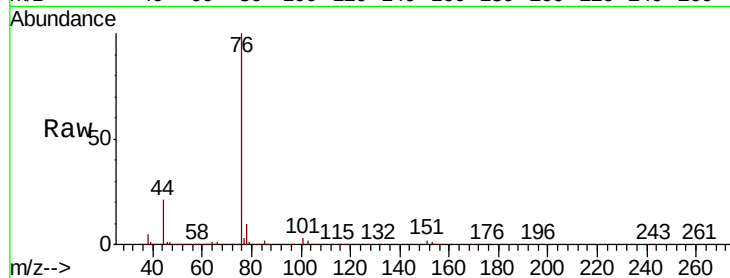
Tot Ion: 76 Resp: 1499891

Ion Ratio Lower Upper

76 100

44 21.2 17.5 26.3

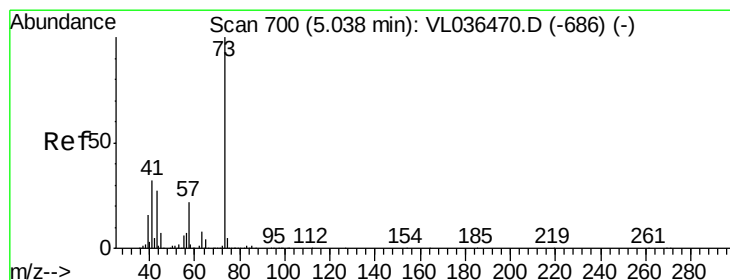
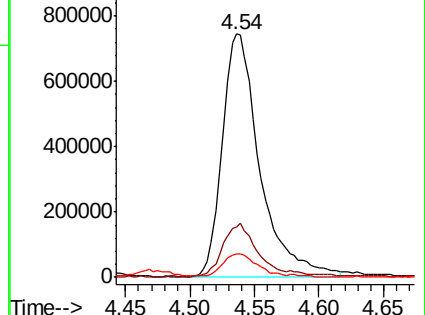
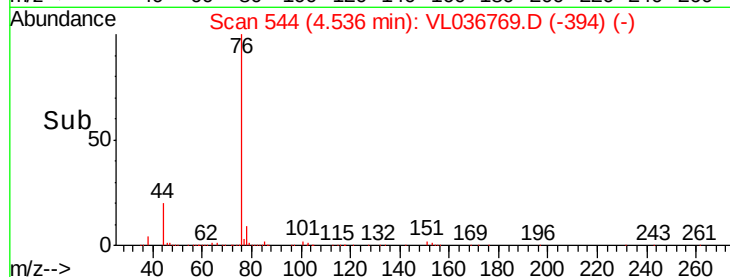
78 10.1 8.6 13.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.491 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.02 min

Lab File: VL036769.D

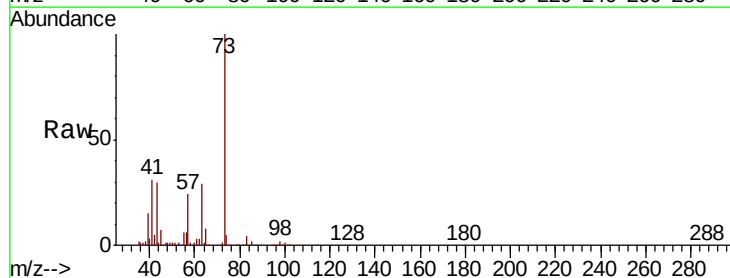
Acq: 9 Apr 2021 10:01

Tgt Ion: 73 Resp: 1726359

Ion Ratio Lower Upper

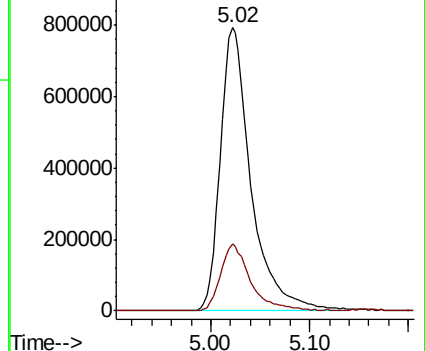
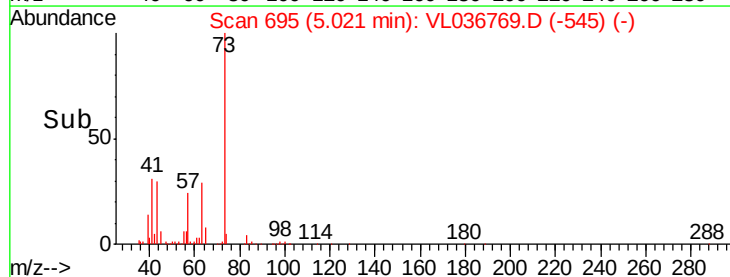
73 100

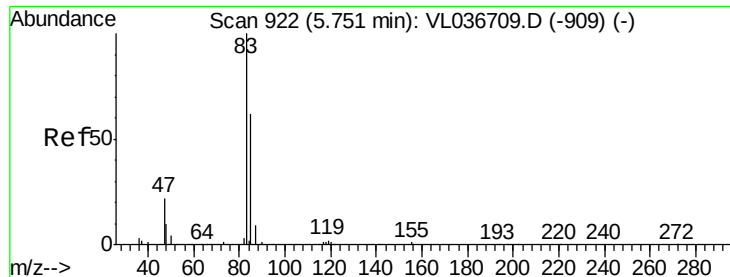
57 23.3 18.5 27.7



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

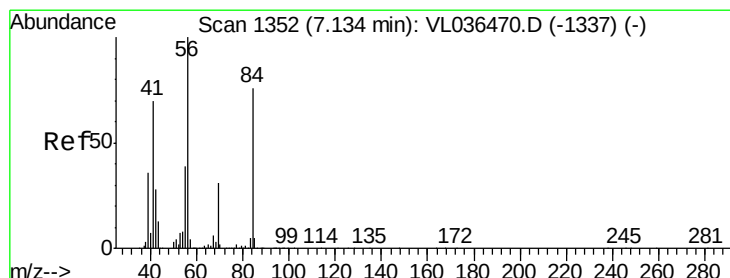
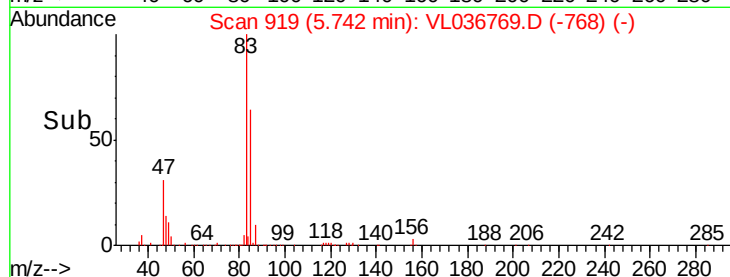
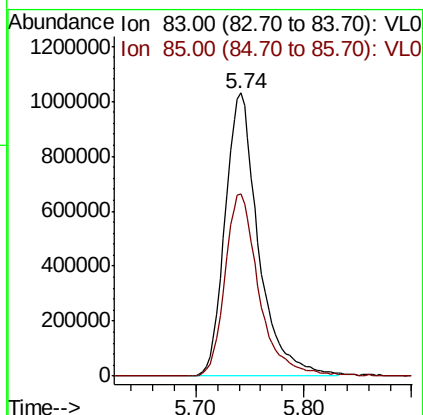
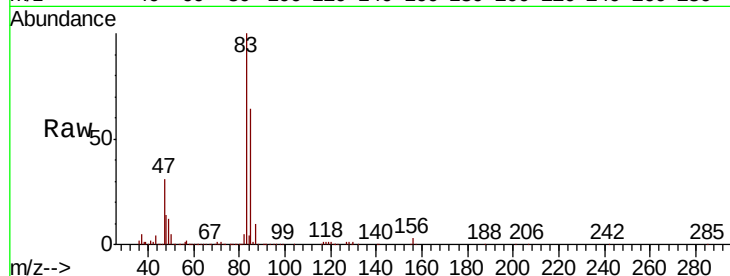




#29
Chloroform
Concen: 8.984 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

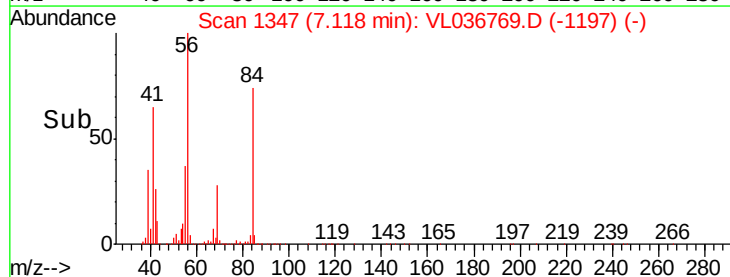
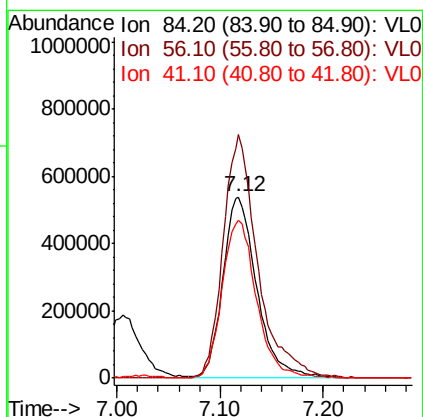
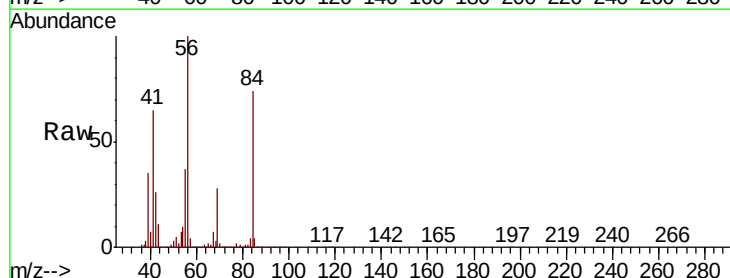
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

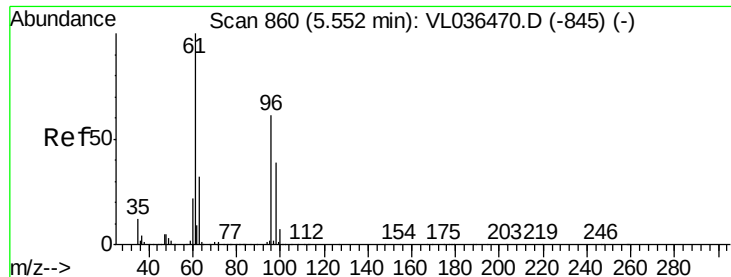
Tot Ion: 83 Resp: 2216020
Ion Ratio Lower Upper
83 100
85 64.2 52.6 78.8



#30
Cyclohexane
Concen: 9.791 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion: 84 Resp: 1224727
Ion Ratio Lower Upper
84 100
56 139.1 114.6 171.8
41 89.4 75.3 112.9



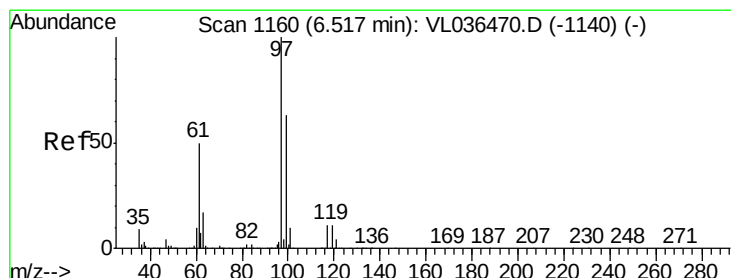
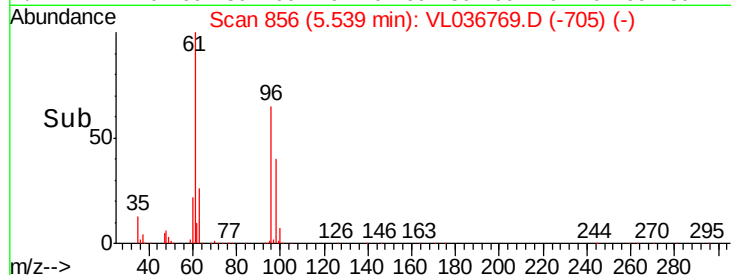
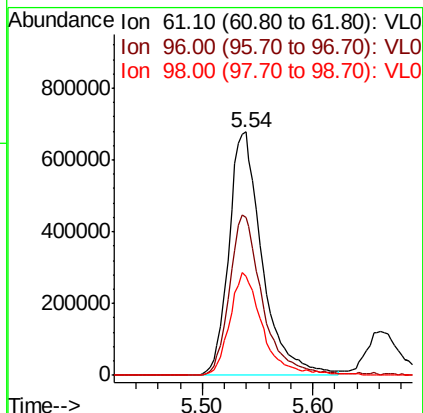
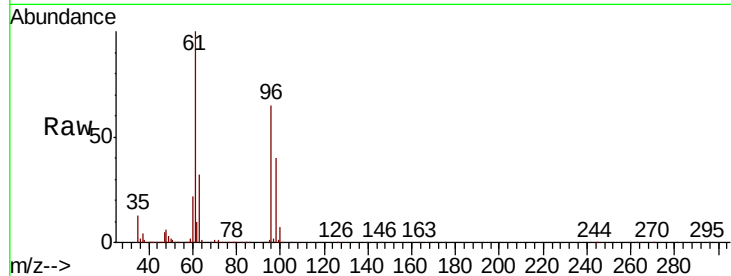


#31

cis-1,2-Dichloroethene
 Concen: 9.505 ppbv
 RT: 5.54 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

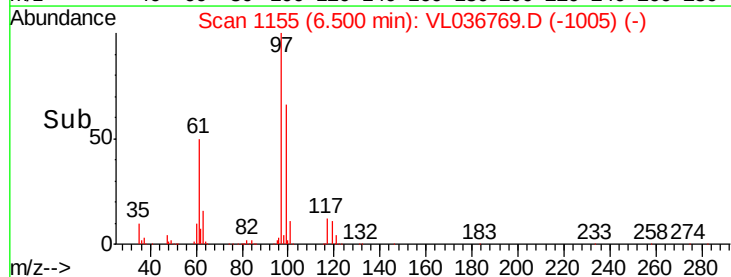
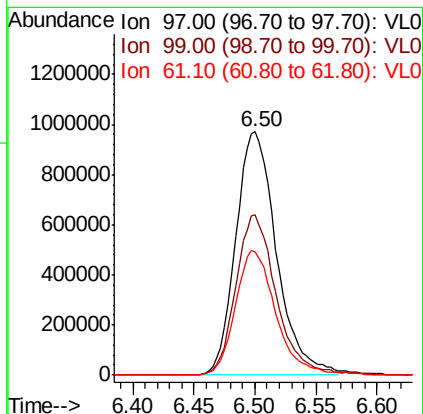
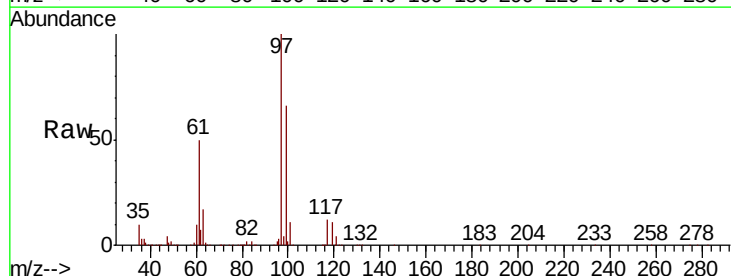
Tot Ion: 61 Resp: 1417963
 Ion Ratio Lower Upper
 61 100
 96 64.6 48.7 73.1
 98 40.3 31.4 47.0

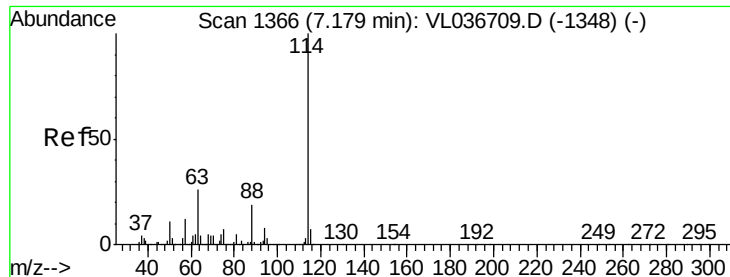


#32

1,1,1-Trichloroethane
 Concen: 9.046 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion: 97 Resp: 2248572
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.4 77.0
 61 50.8 40.6 60.8

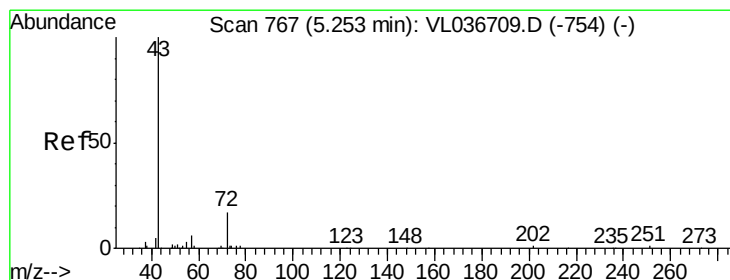
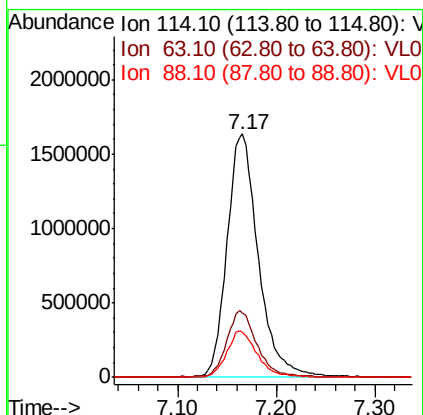
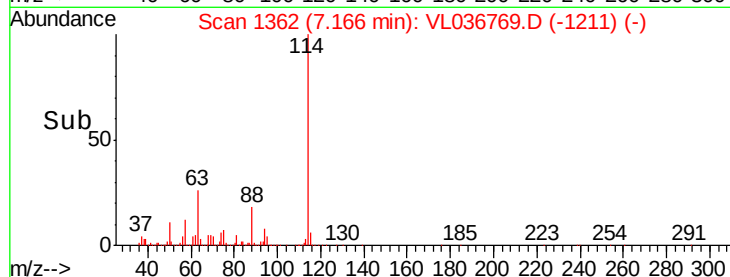
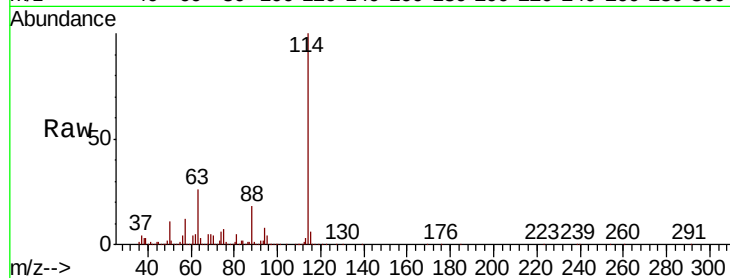




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

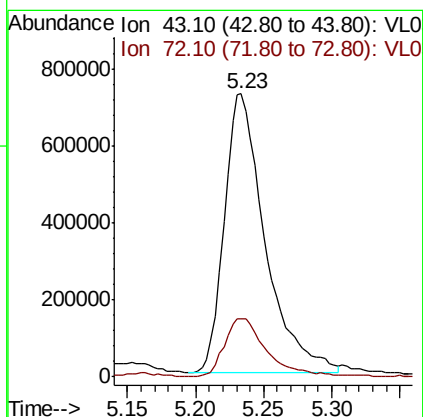
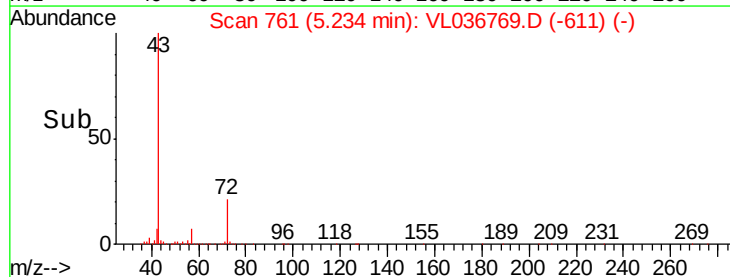
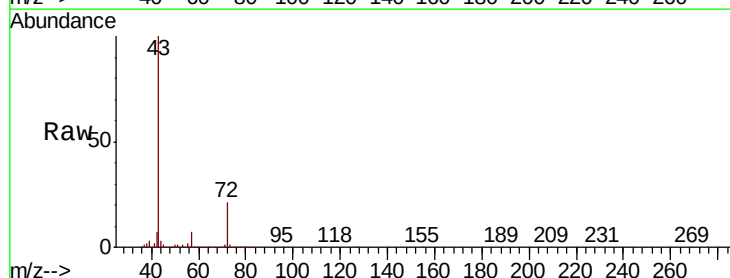
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

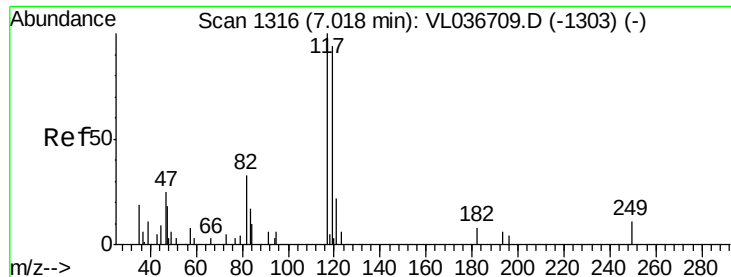
Tot Ion:114 Resp: 3628330
 Ion Ratio Lower Upper
 114 100
 63 27.1 22.4 33.6
 88 18.8 15.4 23.0



#34
 2-Butanone
 Concen: 8.549 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion: 43 Resp: 1514061
 Ion Ratio Lower Upper
 43 100
 72 21.7 17.0 25.6





#35

Carbon Tetrachloride

Concen: 8.536 ppbv

RT: 7.01 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

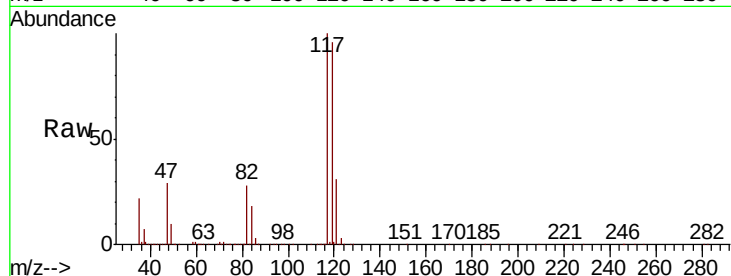
Tot Ion:117 Resp: 2378771

Ion Ratio Lower Upper

117 100

119 95.6 78.2 117.2

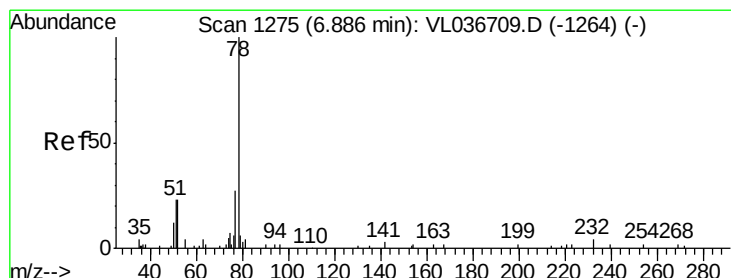
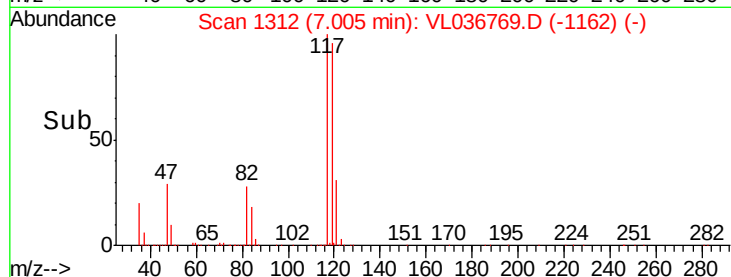
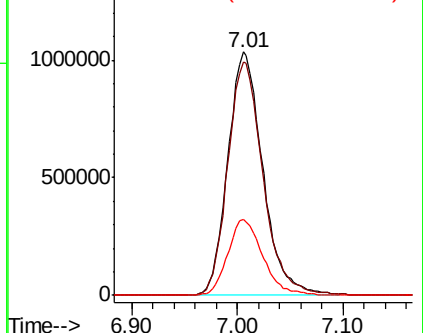
121 31.0 24.5 36.7



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: 8.852 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

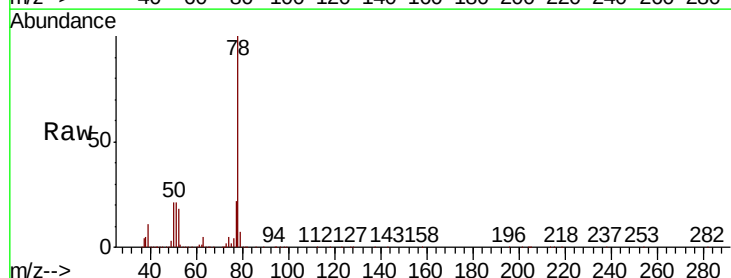
Tgt Ion: 78 Resp: 2962031

Ion Ratio Lower Upper

78 100

77 21.7 18.0 27.0

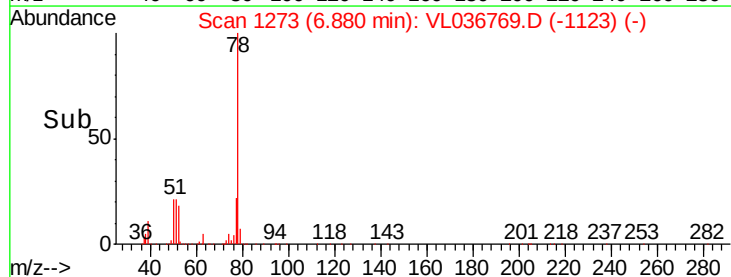
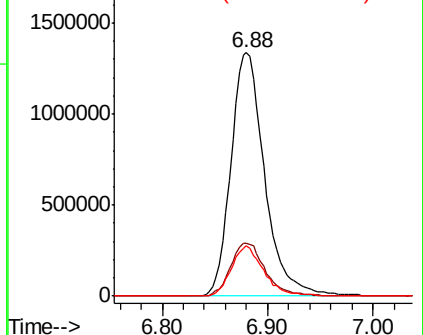
50 20.8 16.5 24.7

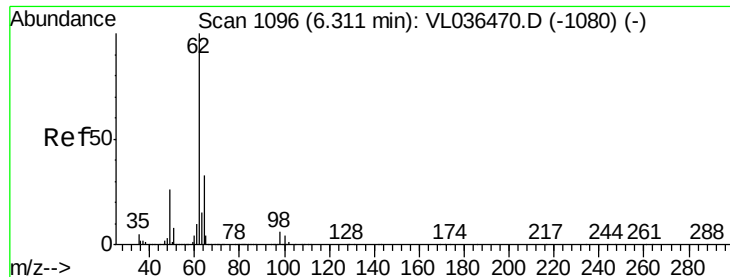


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

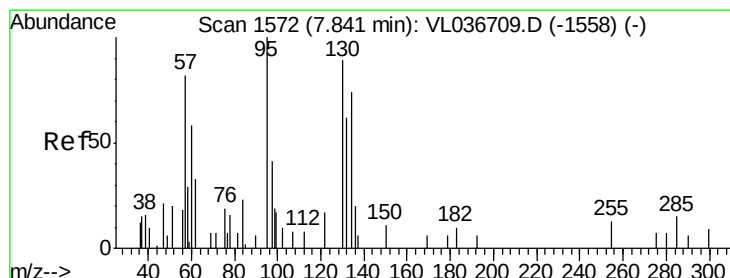
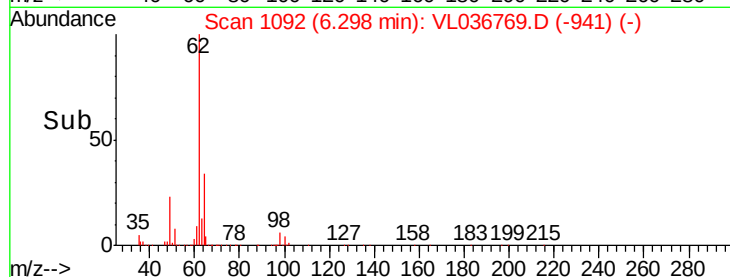
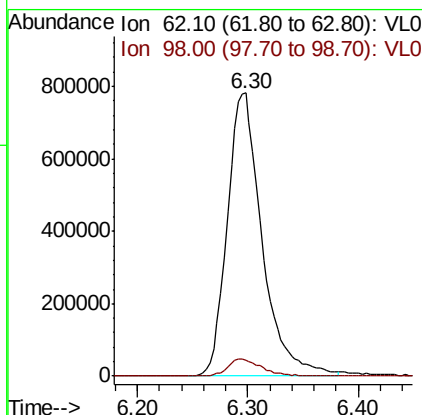
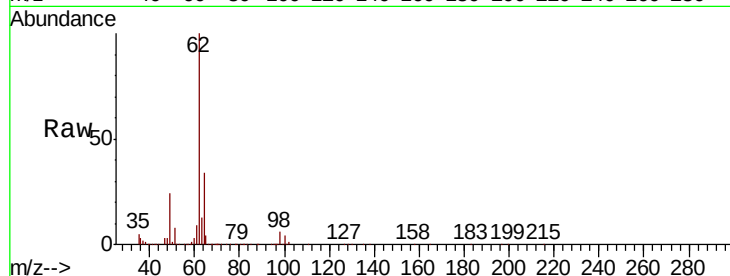




#37
 1,2-Dichloroethane
 Concen: 8.684 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

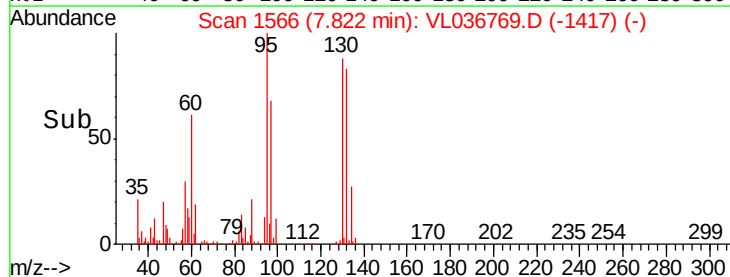
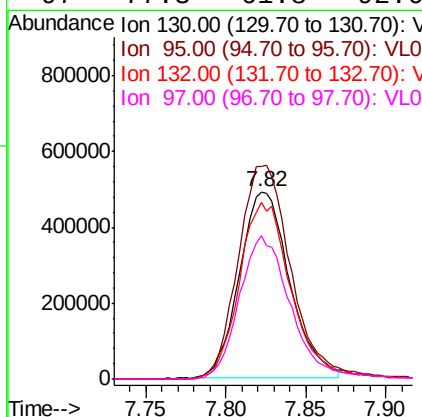
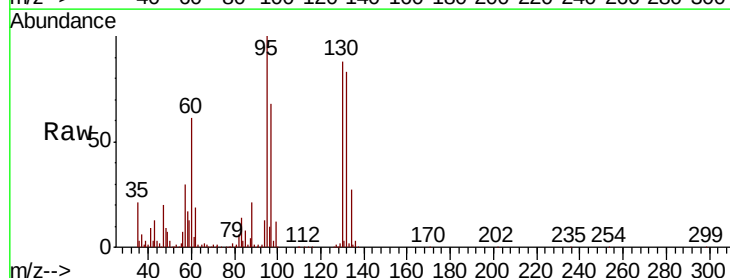
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

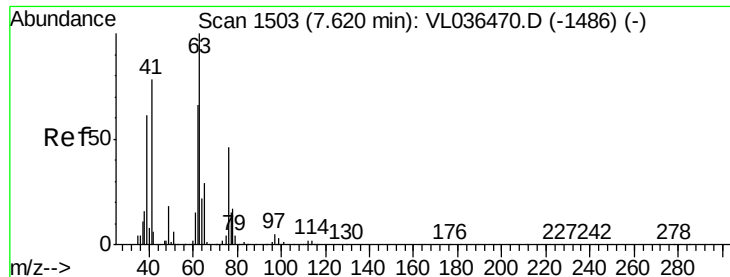
Tot Ion: 62 Resp: 1710405
 Ion Ratio Lower Upper
 62 100
 98 6.0 4.9 7.3



#38
 Trichloroethene
 Concen: 8.073 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion: 130 Resp: 1051385
 Ion Ratio Lower Upper
 130 100
 95 114.0 95.7 143.5
 132 94.5 76.2 114.4
 97 77.3 61.8 92.6





#39

1,2-Dichloropropane

Concen: 8.445 ppbv

RT: 7.60 min Scan# 1497

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

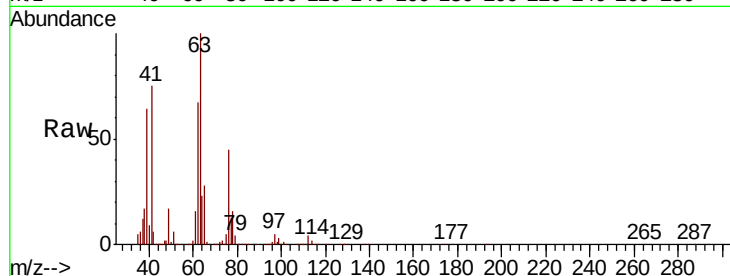
Tot Ion: 63 Resp: 1146405

Ion Ratio Lower Upper

63 100

41 74.8 62.4 93.6

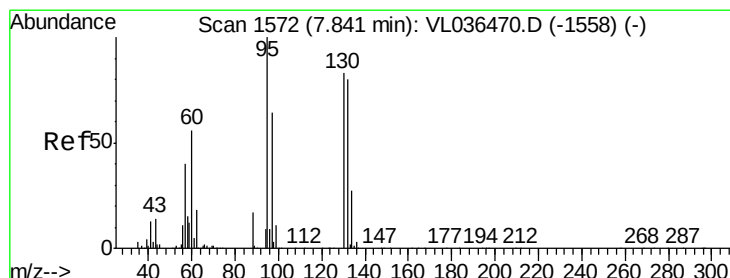
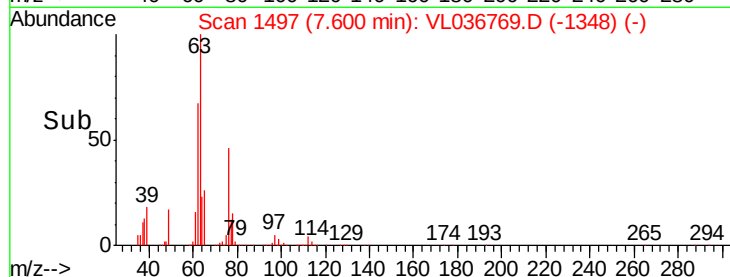
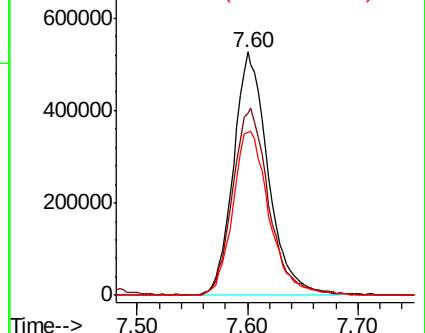
62 66.6 52.8 79.2



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.673 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Tgt Ion: 88 Resp: 305588

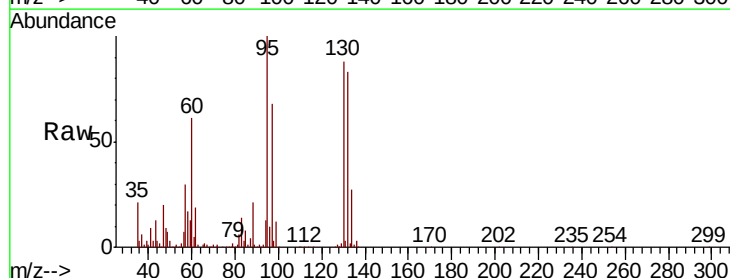
Ion Ratio Lower Upper

88 100

58 152.5 134.1 201.1

43 369.9 346.6 520.0

57 1623.3 1481.8 2222.8

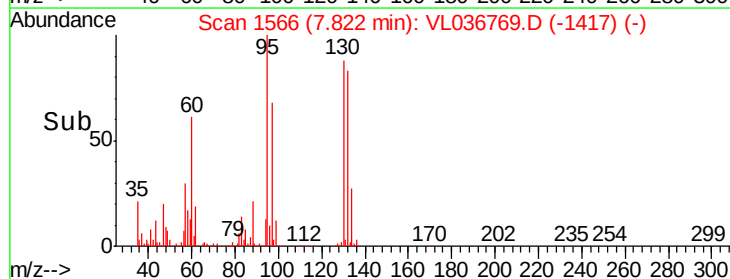
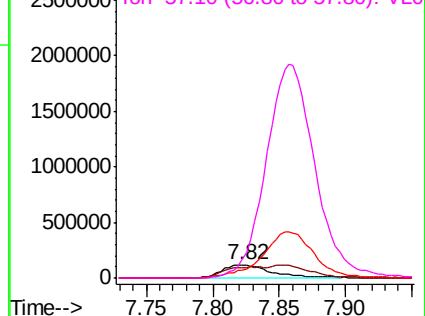


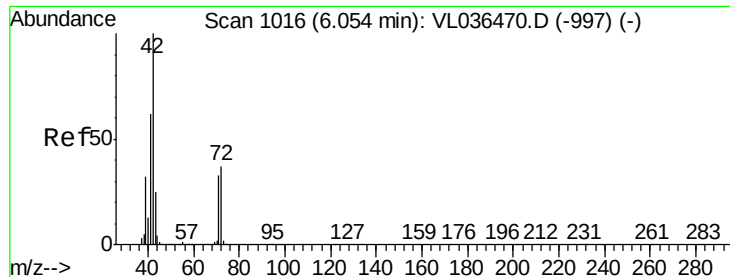
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 9.022 ppbv

RT: 6.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

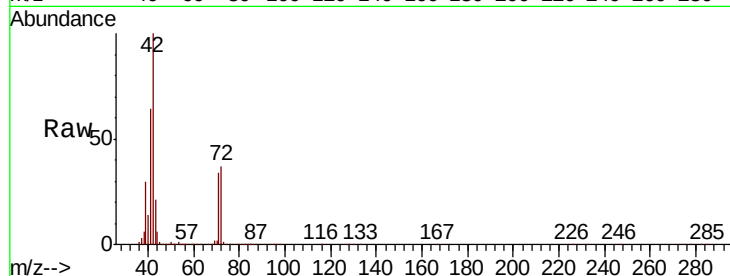
Tot Ion: 42 Resp: 736723

Ion Ratio Lower Upper

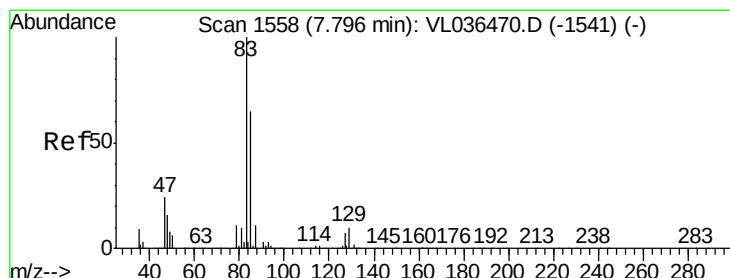
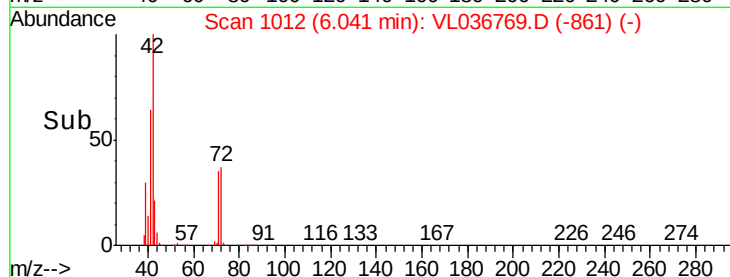
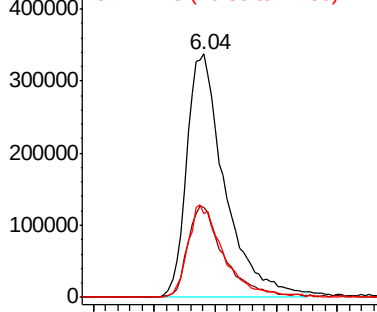
42 100

72 36.8 27.6 41.4

71 36.6 27.0 40.4



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: 8.998 ppbv

RT: 7.78 min Scan# 1553

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

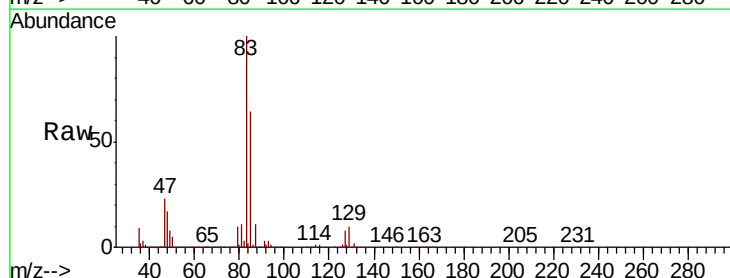
Tgt Ion: 83 Resp: 2410452

Ion Ratio Lower Upper

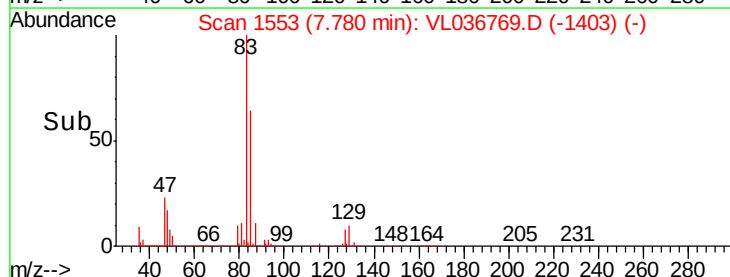
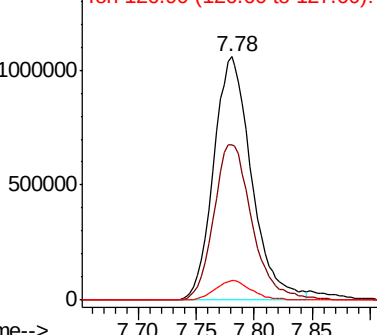
83 100

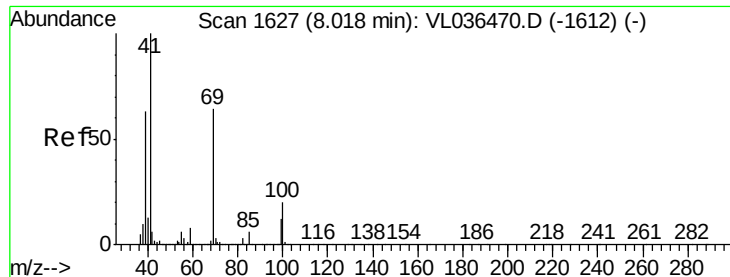
85 64.0 51.8 77.6

127 8.1 5.8 8.8



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: 9.481 ppbv

RT: 8.00 min Scan# 1622

Delta R.T. -0.02 min

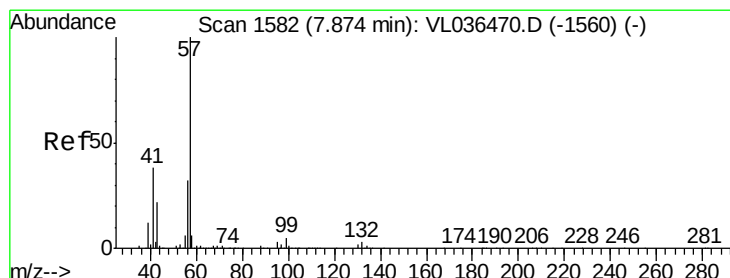
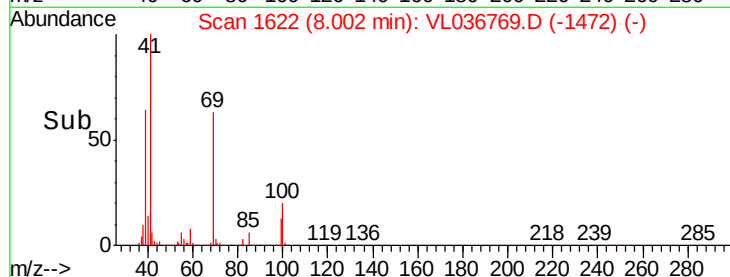
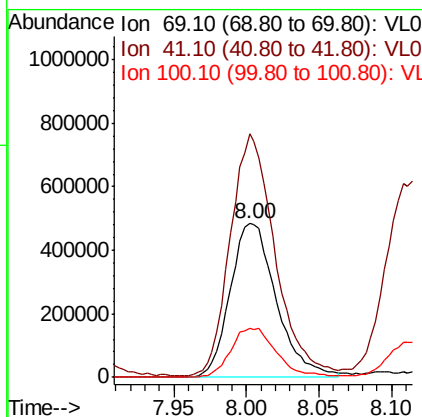
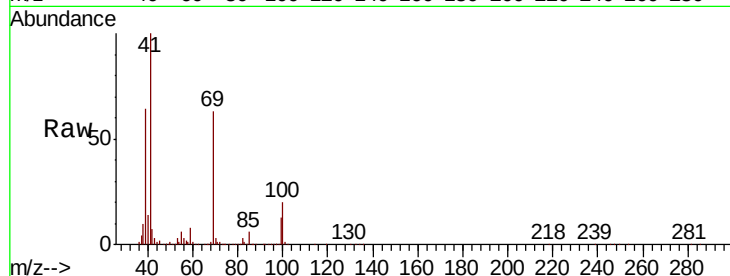
Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 69 Resp: 1065350

Ion	Ratio	Lower	Upper
69	100		
41	155.4	126.8	190.2
100	31.8	24.9	37.3



#44

2,2,4-Trimethylpentane

Concen: 8.410 ppbv

RT: 7.86 min Scan# 1577

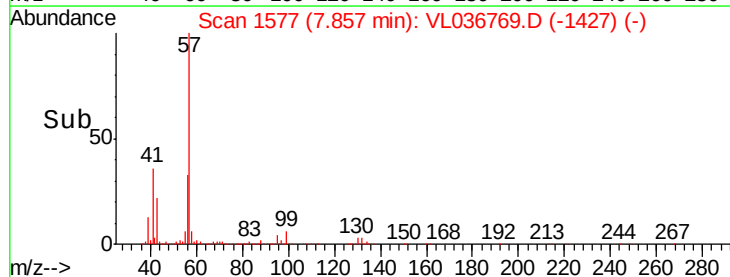
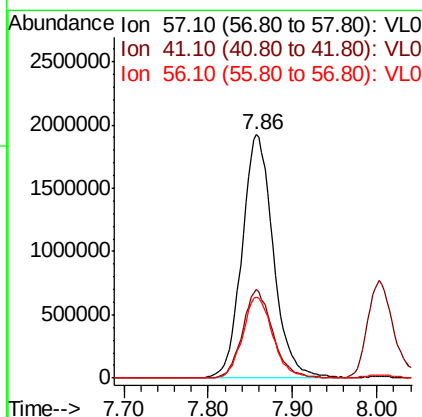
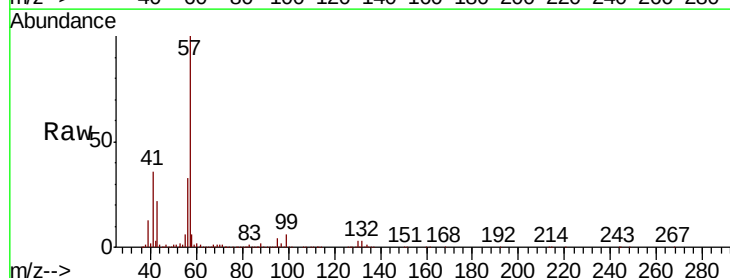
Delta R.T. -0.02 min

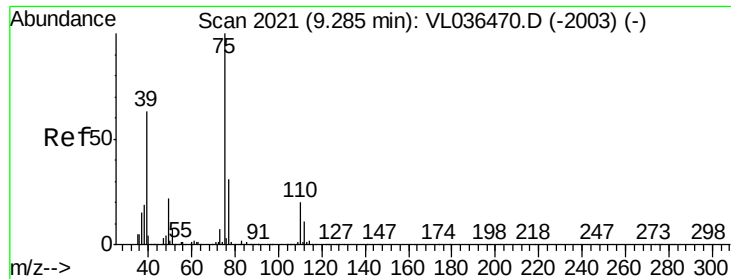
Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Tgt Ion: 57 Resp: 4953045

Ion	Ratio	Lower	Upper
57	100		
41	35.1	28.8	43.2
56	32.4	26.1	39.1



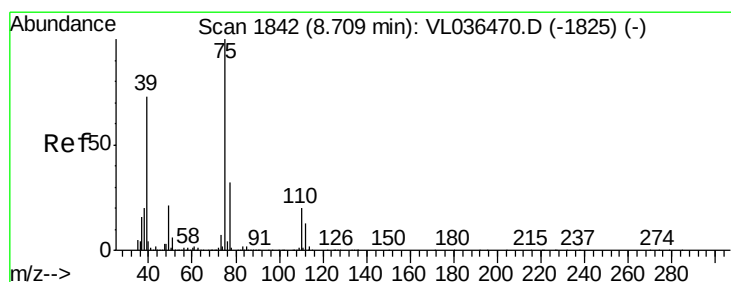
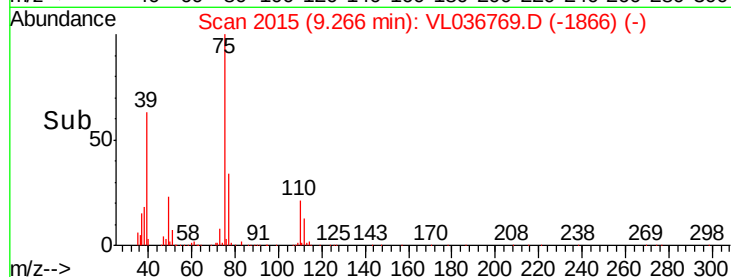
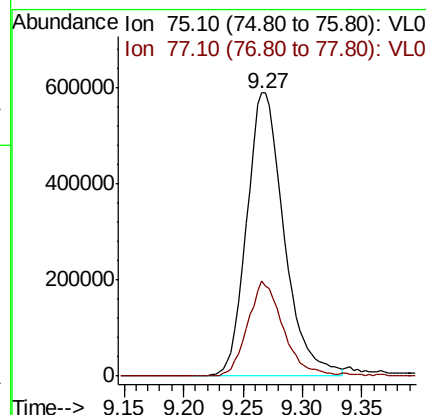
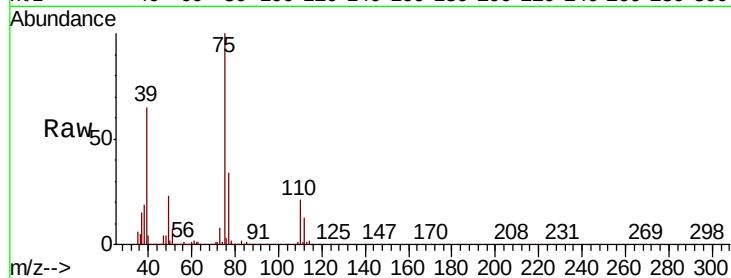


#45
t-1,3-Dichloropropene
Concen: 9.992 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 1282014

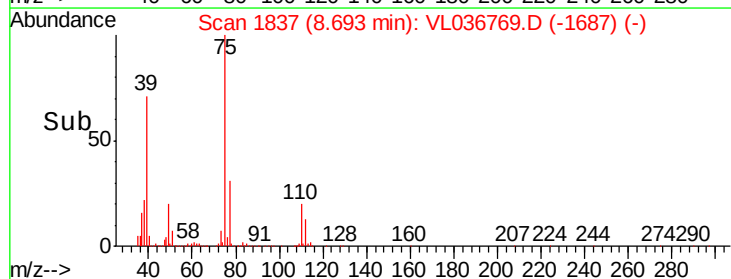
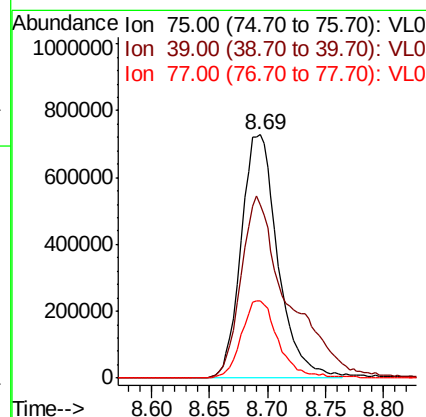
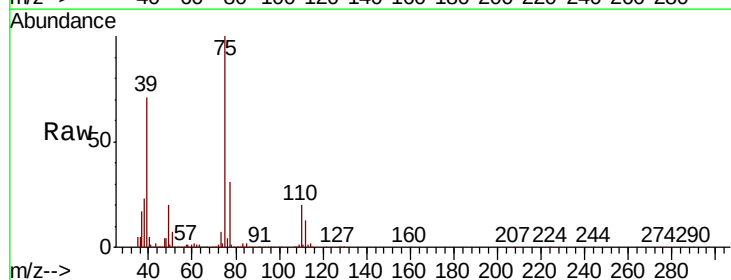
Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.1	37.7

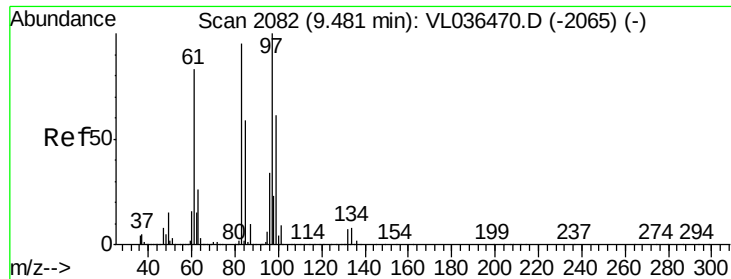


#46
cis-1,3-Dichloropropene
Concen: 9.775 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion: 75 Resp: 1603290

Ion	Ratio	Lower	Upper
75	100		
39	71.1	58.2	87.2
77	31.5	25.2	37.8

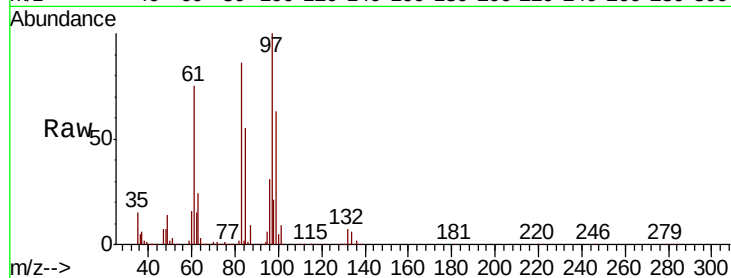




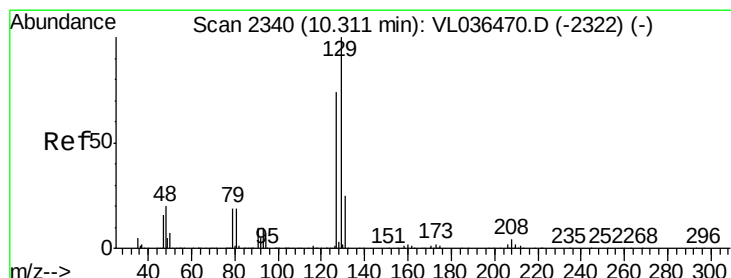
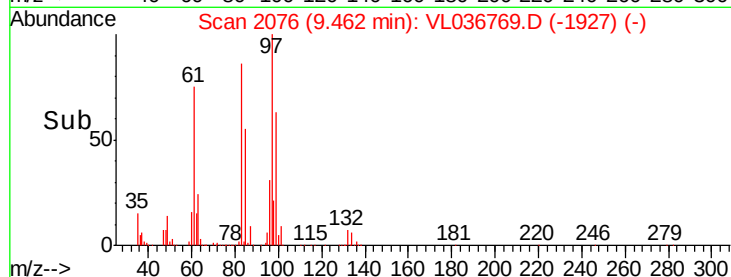
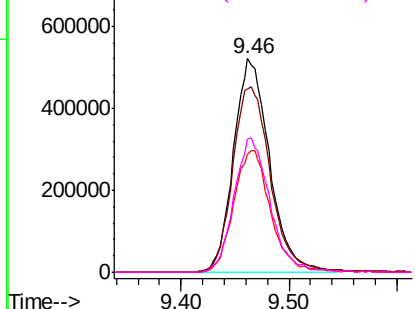
#47
 1,1,2-Trichloroethane
 Concen: 8.775 ppbv
 RT: 9.46 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:	97	Resp:	1206427
Ion	Ratio	Lower	Upper
97	100		
83	85.7	75.8	113.8
85	55.3	47.1	70.7
99	62.6	49.2	73.8

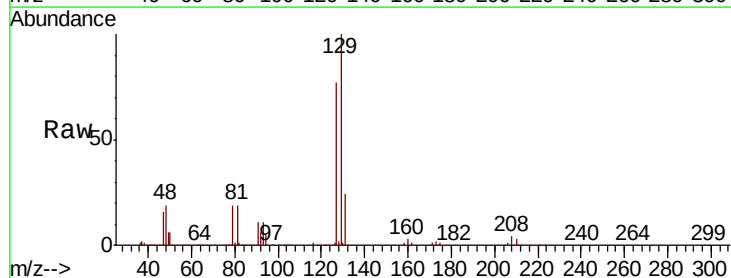


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

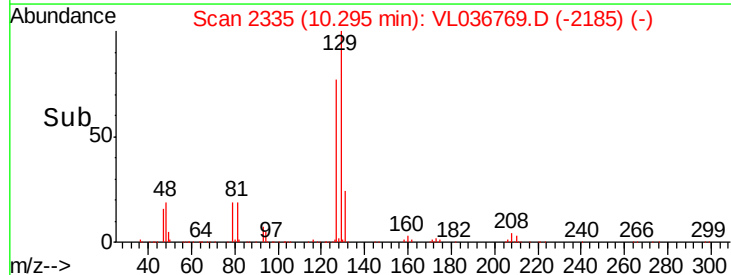
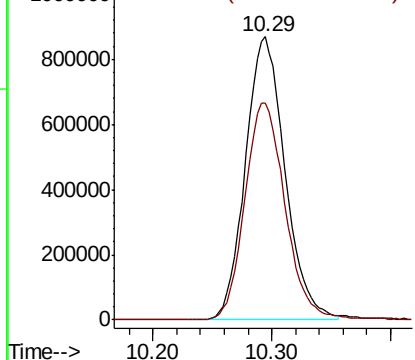


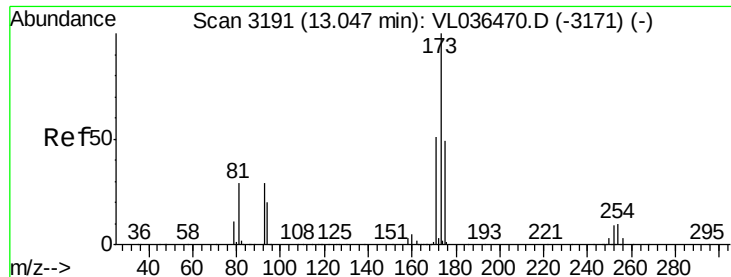
#48
 Dibromochloromethane
 Concen: 9.556 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion:	129	Resp:	2002951
Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.6	118.8



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.724 ppbv

RT: 13.03 min Scan# 3186

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

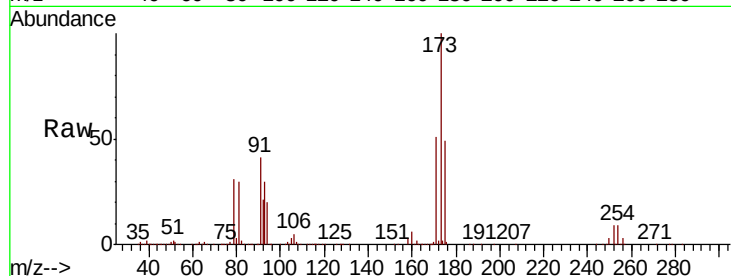
Tot Ion:173 Resp: 1642206

Ion Ratio Lower Upper

173 100

175 49.5 39.6 59.4

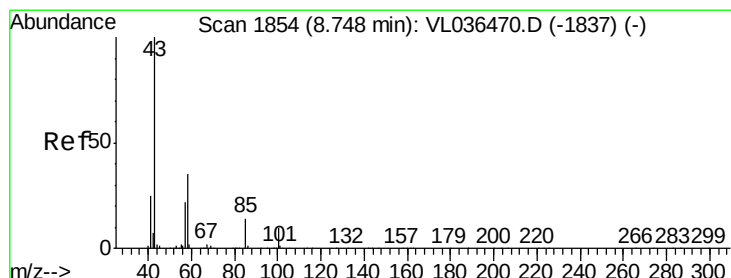
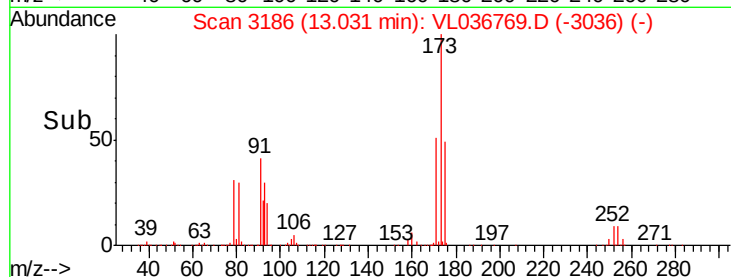
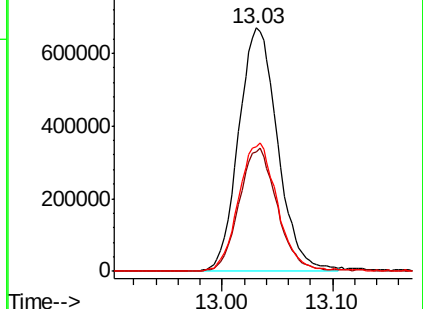
171 52.7 41.4 62.0



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: 8.872 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.02 min

Lab File: VL036769.D

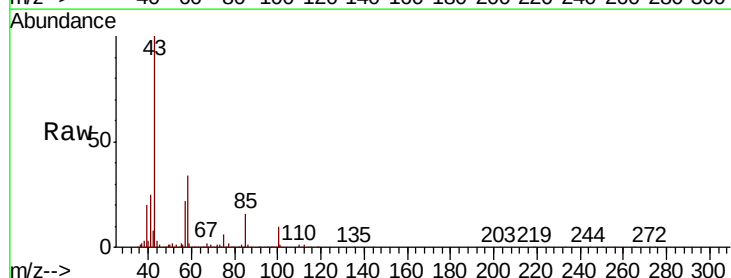
Acq: 9 Apr 2021 10:01

Tgt Ion: 43 Resp: 2273640

Ion Ratio Lower Upper

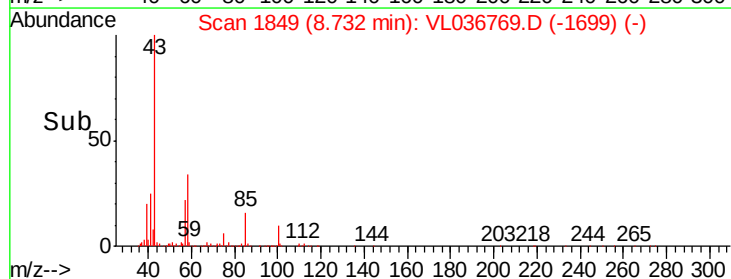
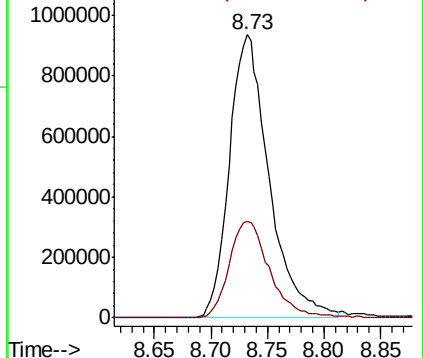
43 100

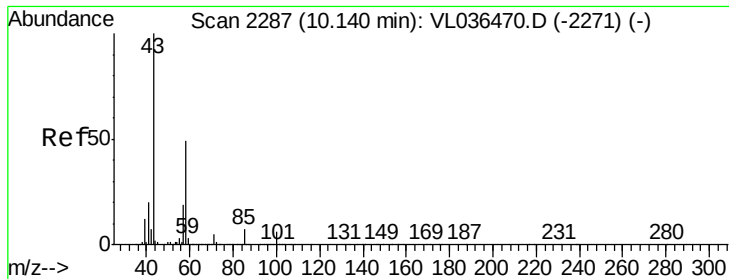
58 35.5 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 9.390 ppbv

RT: 10.12 min Scan# 2282

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

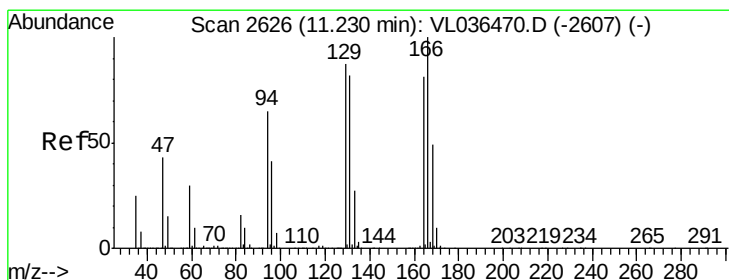
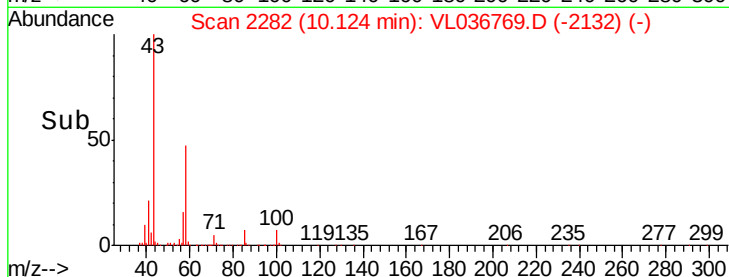
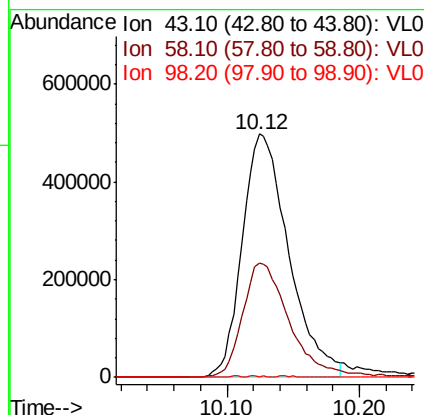
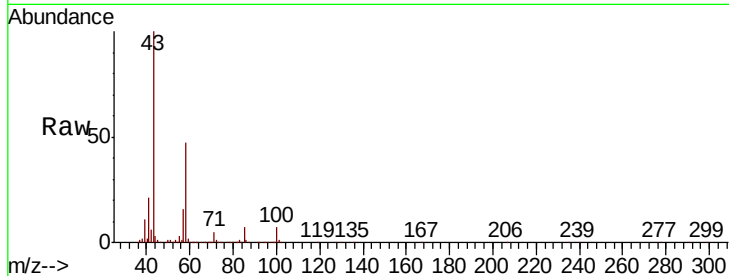
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 1214346

Ion	Ratio	Lower	Upper
43	100		
58	48.7	37.7	56.5
98	0.3	0.2	0.2#



#52

Tetrachloroethene

Concen: 8.098 ppbv

RT: 11.21 min Scan# 2621

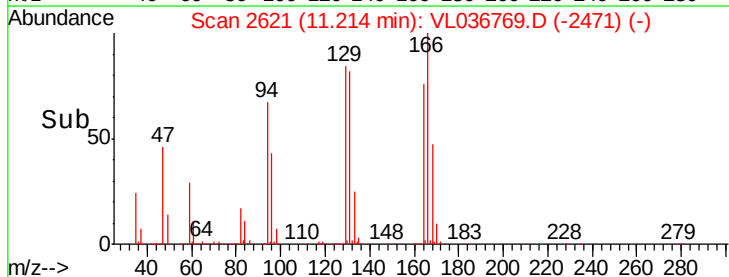
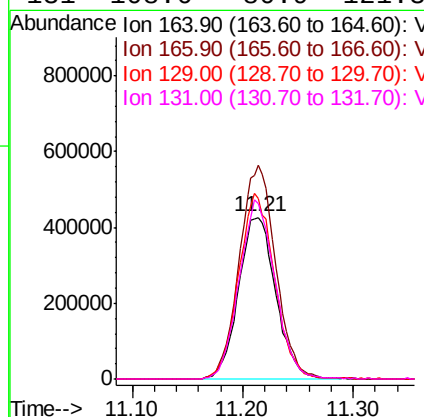
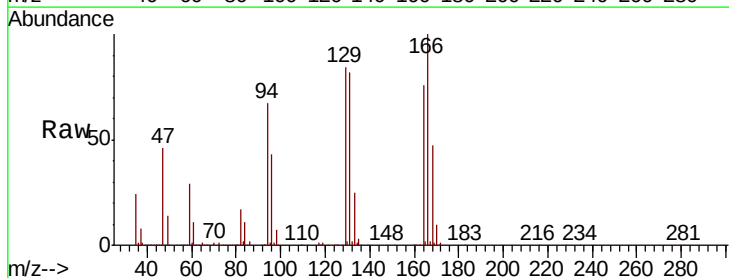
Delta R.T. -0.02 min

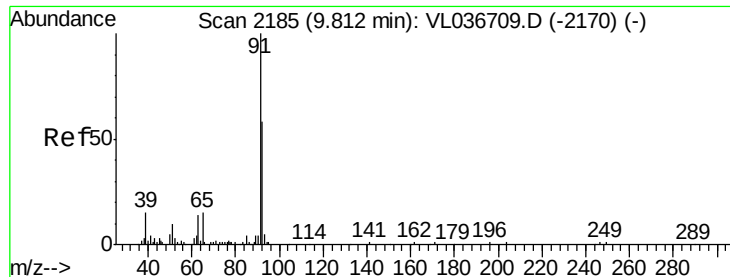
Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Tgt Ion: 164 Resp: 997843

Ion	Ratio	Lower	Upper
164	100		
166	132.3	98.3	147.5
129	111.4	85.8	128.8
131	108.6	80.9	121.3





#53

Toluene

Concen: 9.347 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

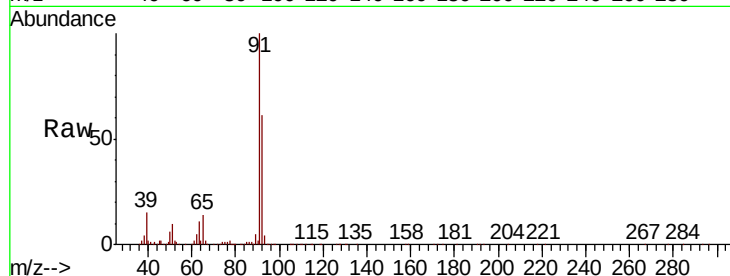
VSTDCCC010

Tot Ion: 91 Resp: 3330814

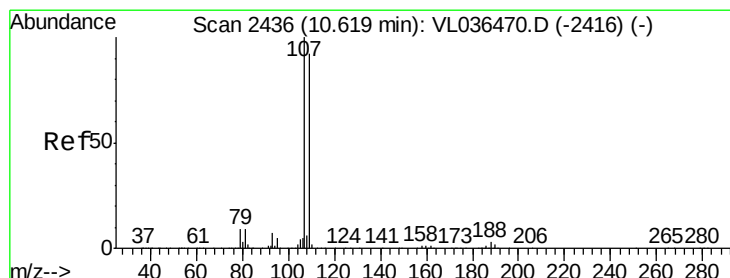
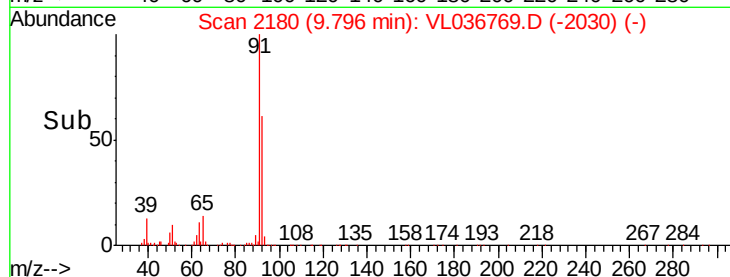
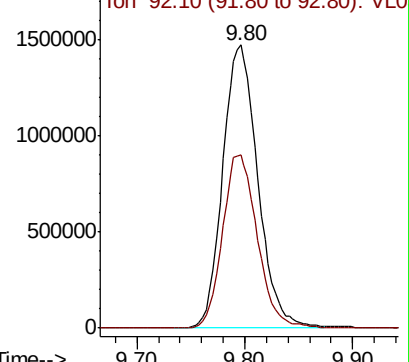
Ion Ratio Lower Upper

91 100

92 61.0 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0



#54

1,2-Dibromoethane

Concen: 8.982 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.02 min

Lab File: VL036769.D

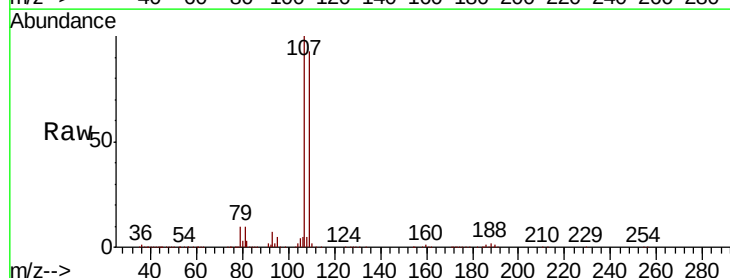
Acq: 9 Apr 2021 10:01

Tgt Ion: 107 Resp: 1743940

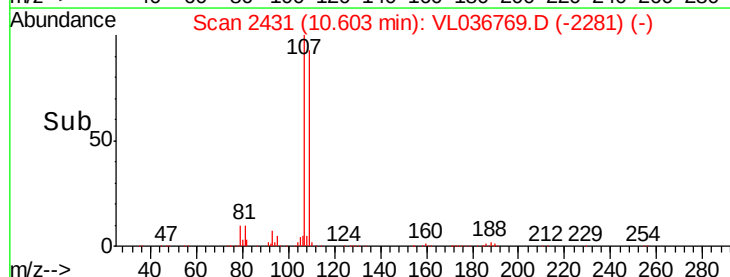
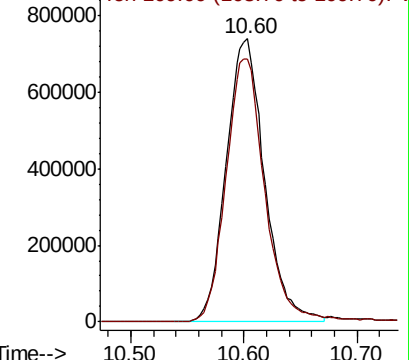
Ion Ratio Lower Upper

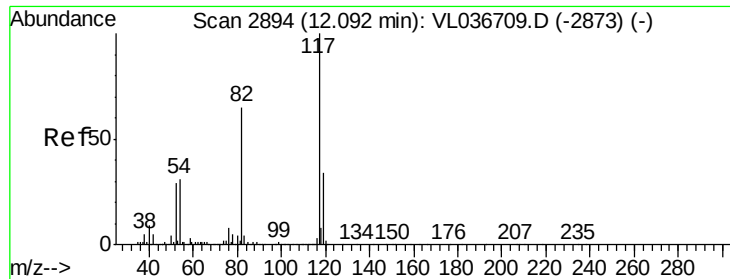
107 100

109 93.1 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

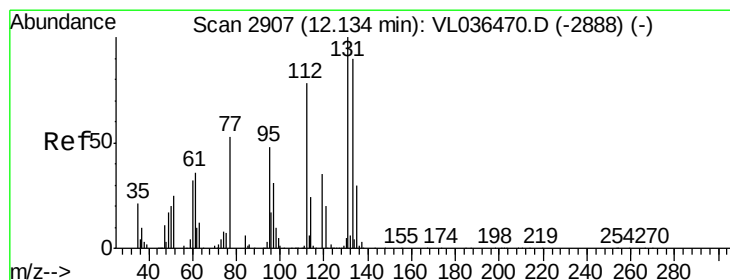
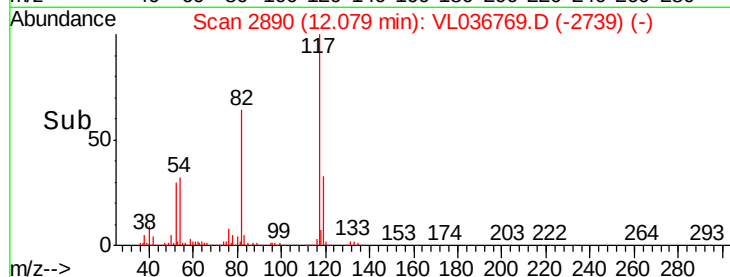
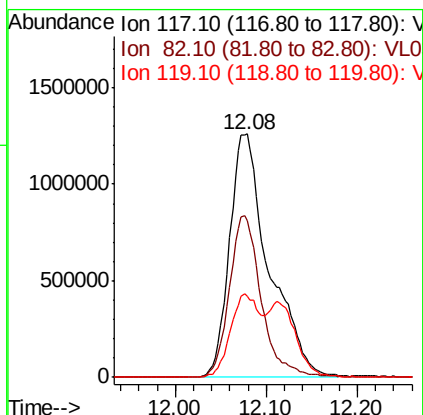
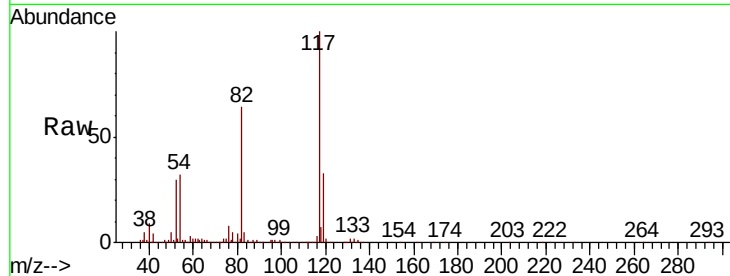




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

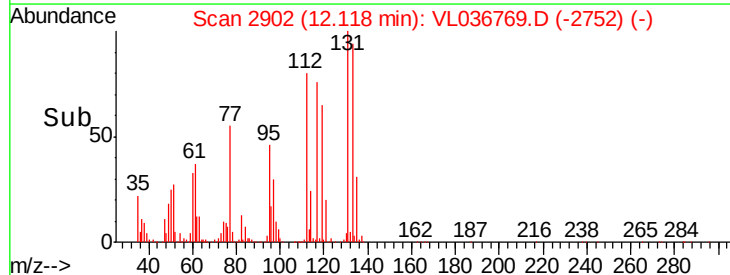
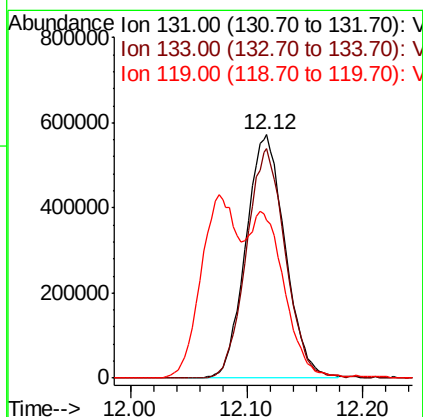
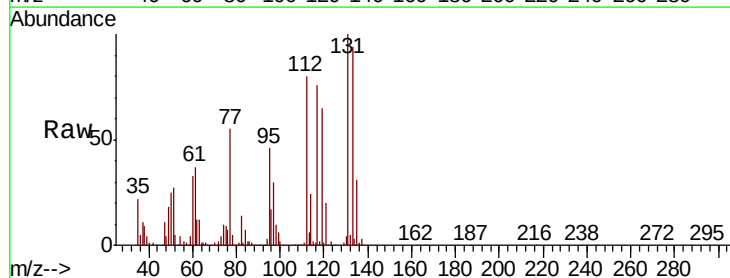
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

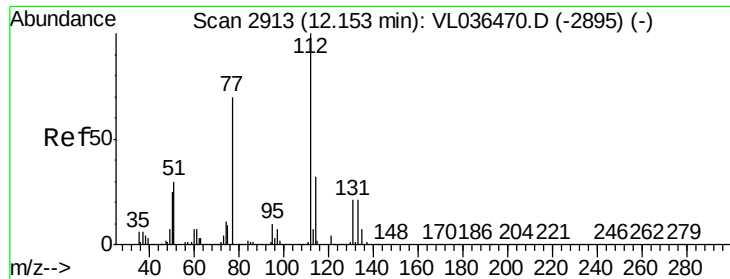
Tot Ion:117 Resp: 3804321
Ion Ratio Lower Upper
117 100
82 53.6 57.4 86.0#
119 27.8 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.831 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion:131 Resp: 1347440
Ion Ratio Lower Upper
131 100
133 94.2 75.8 113.6
119 64.6 48.7 73.1





#57

Chlorobenzene

Concen: 7.547 ppbv

RT: 12.14 min Scan# 2908

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

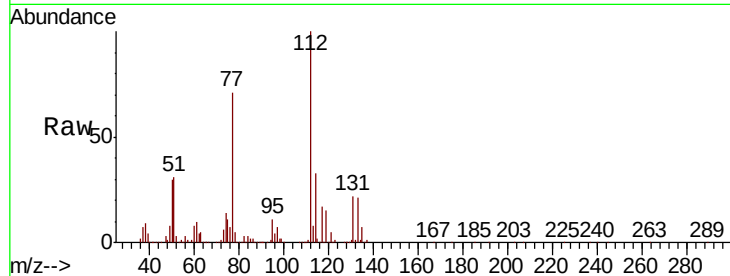
Tot Ion:112 Resp: 2442869

Ion Ratio Lower Upper

112 100

77 70.3 56.0 84.0

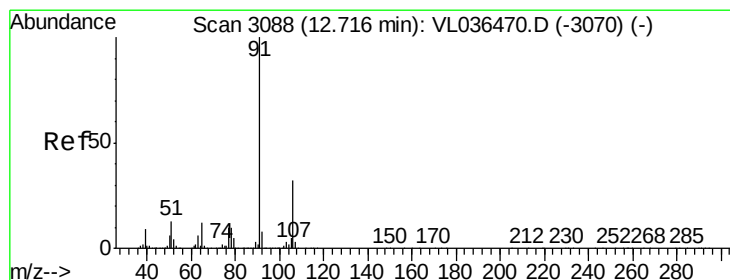
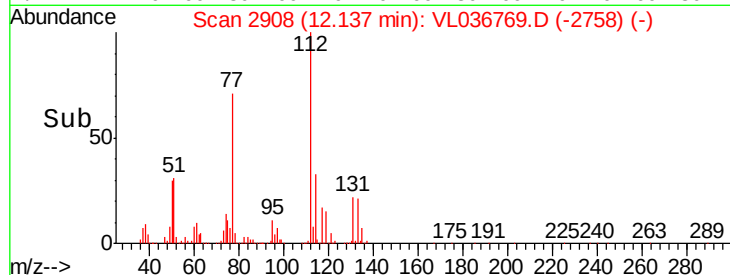
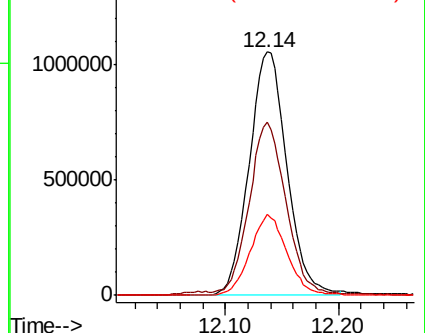
114 33.4 29.0 35.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.035 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.01 min

Lab File: VL036769.D

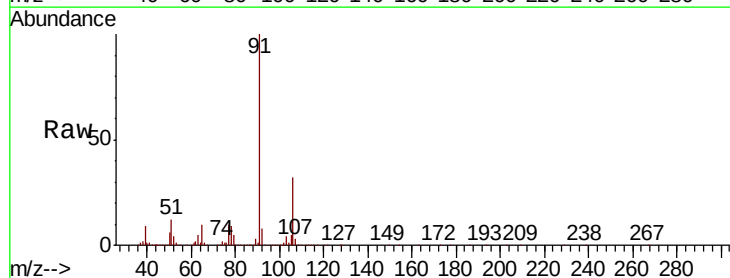
Acq: 9 Apr 2021 10:01

Tgt Ion: 91 Resp: 4447254

Ion Ratio Lower Upper

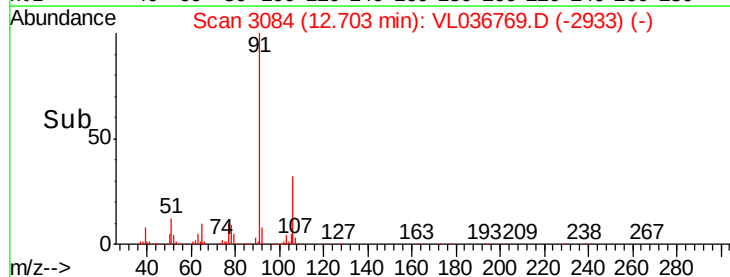
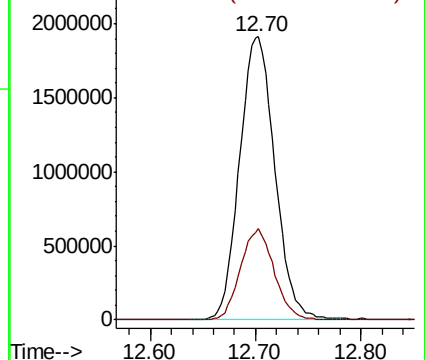
91 100

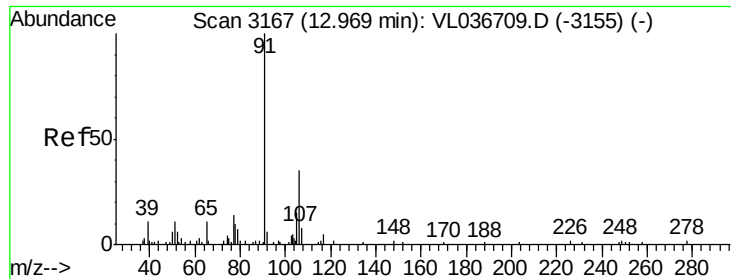
106 32.2 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

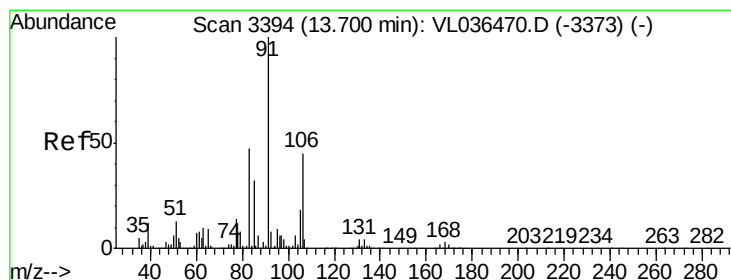
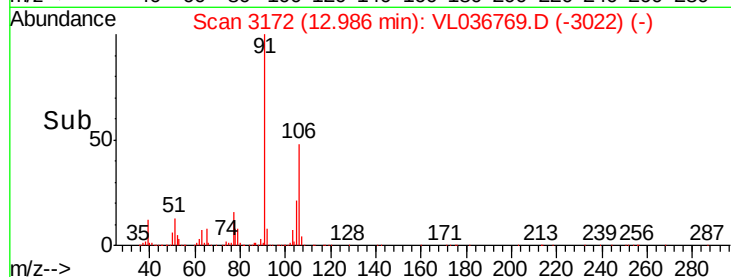
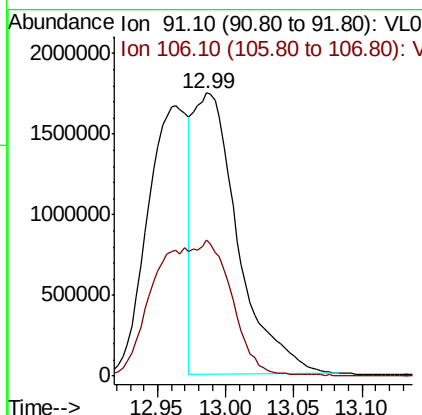
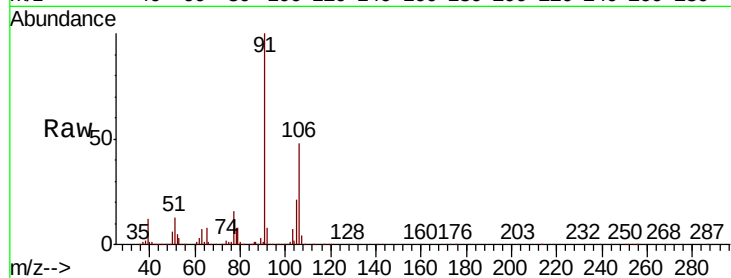




#59
m/p-Xylene
Concen: 8.191 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

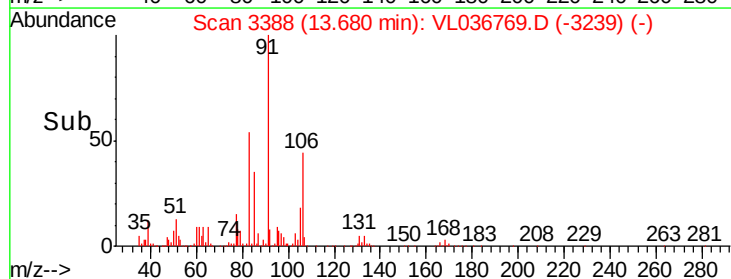
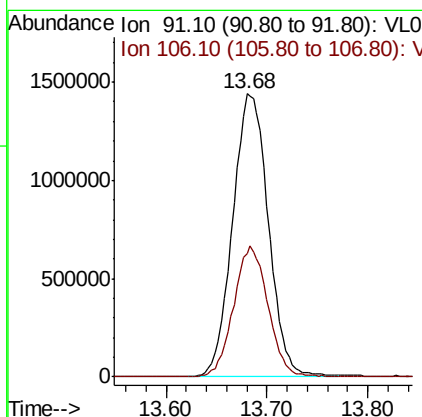
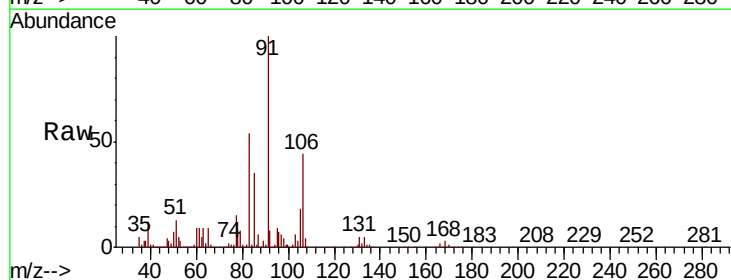
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

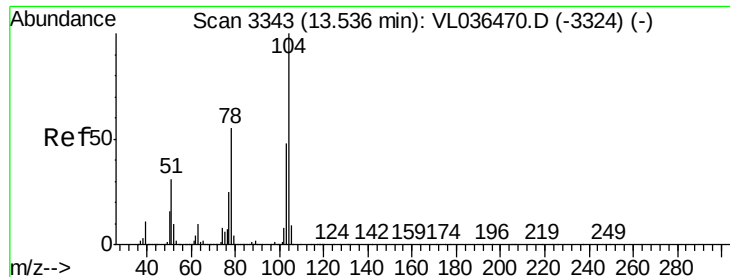
Tot Ion: 91 Resp: 3954079
Ion Ratio Lower Upper
91 100
106 83.3 35.3 52.9#



#60
o-Xylene
Concen: 7.570 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion: 91 Resp: 3533261
Ion Ratio Lower Upper
91 100
106 44.8 22.3 66.9





#61

Stvrene

Concen: 8.827 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

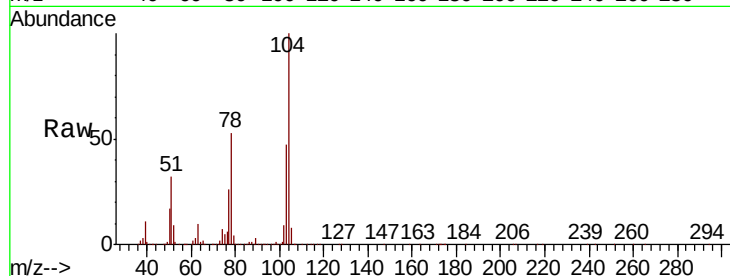
Tot Ion:104 Resp: 2072771

Ion Ratio Lower Upper

104 100

78 53.7 43.8 65.8

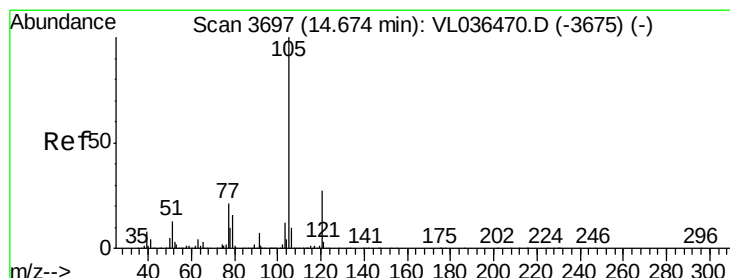
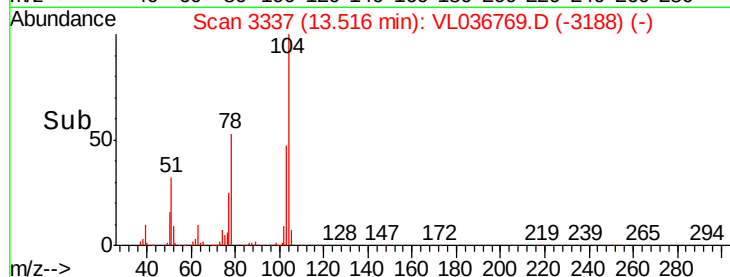
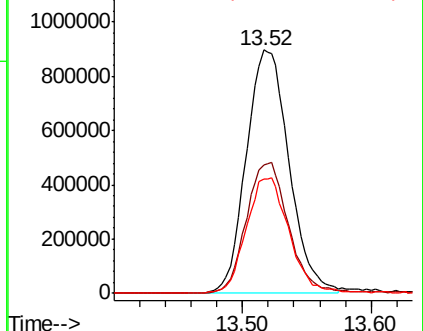
103 47.7 38.3 57.5



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: 7.610 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VL036769.D

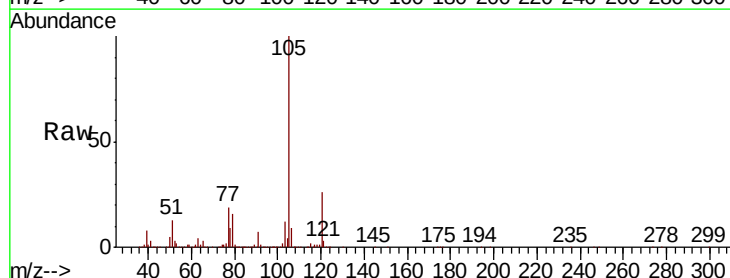
Acq: 9 Apr 2021 10:01

Tgt Ion:105 Resp: 4783712

Ion Ratio Lower Upper

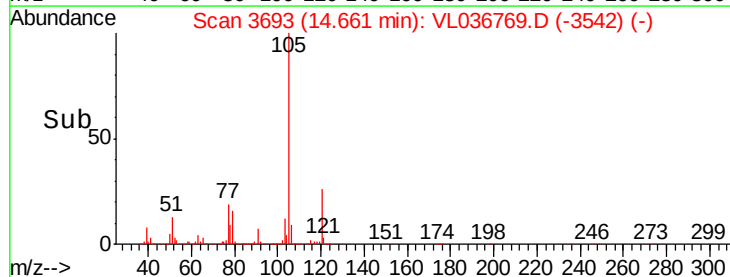
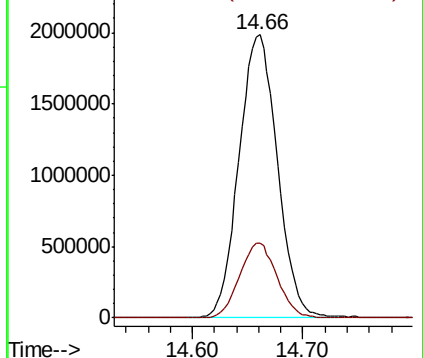
105 100

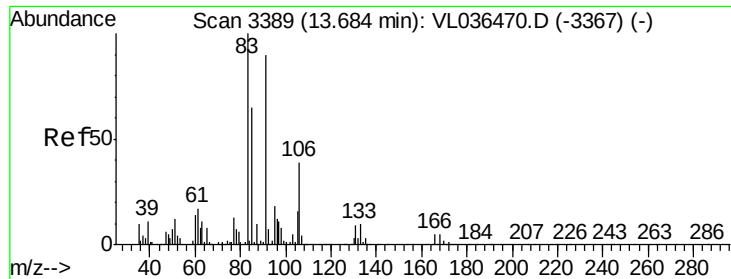
120 25.9 20.6 31.0



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: 7.266 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

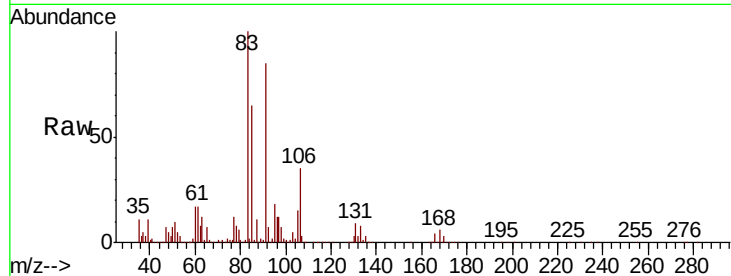
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 83 Resp: 2587240

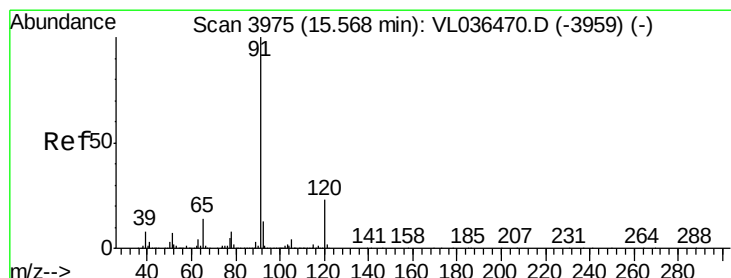
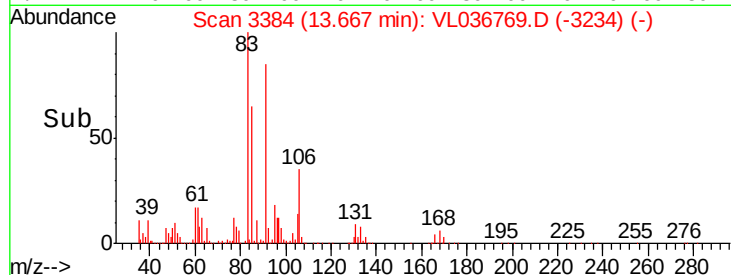
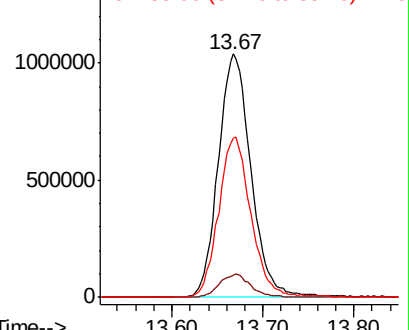
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.0
85	65.6	33.1	99.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.177 ppbv

RT: 15.55 min Scan# 3970

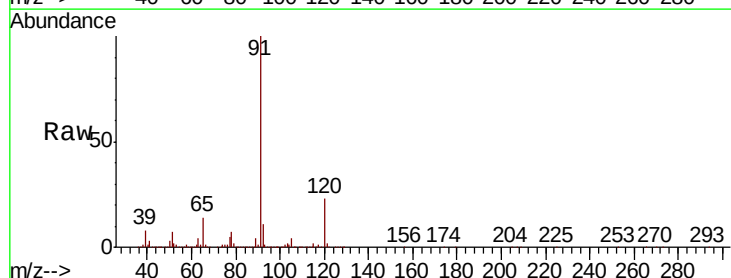
Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

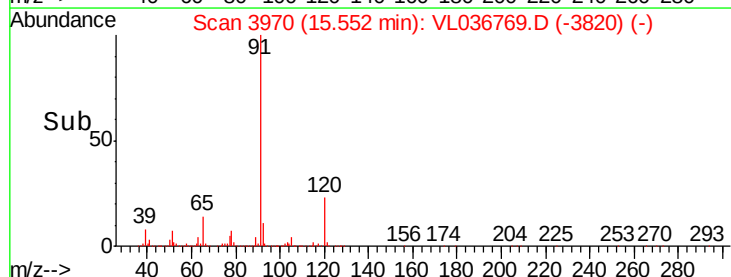
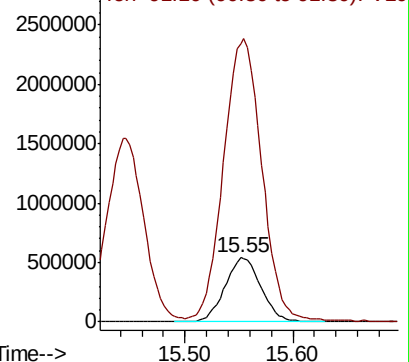
Tgt Ion:120 Resp: 1256653

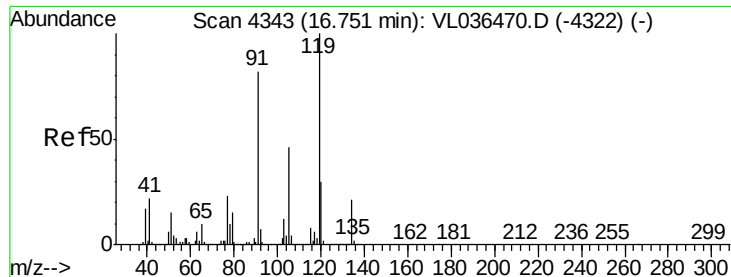
Ion	Ratio	Lower	Upper
120	100		
91	471.7	377.4	566.2



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

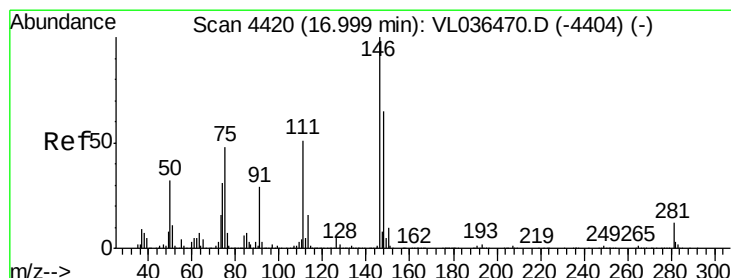
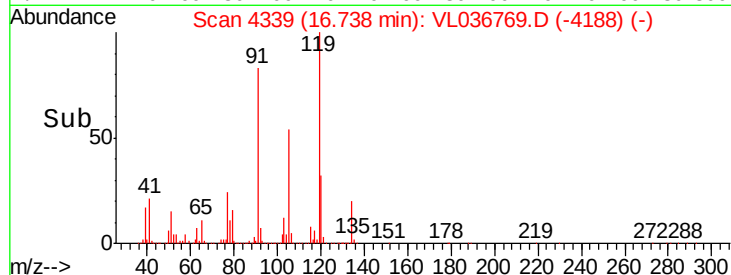
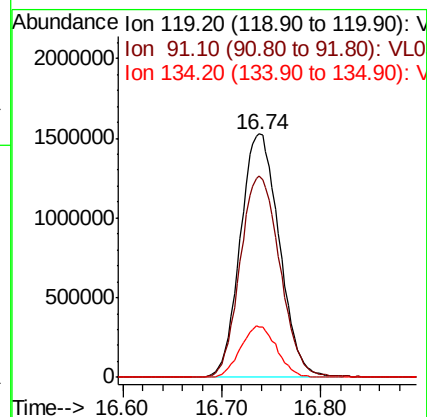
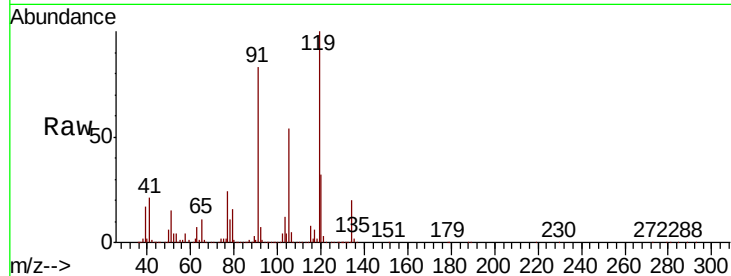




#65
tert-Butylbenzene
Concen: 7.670 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.01 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

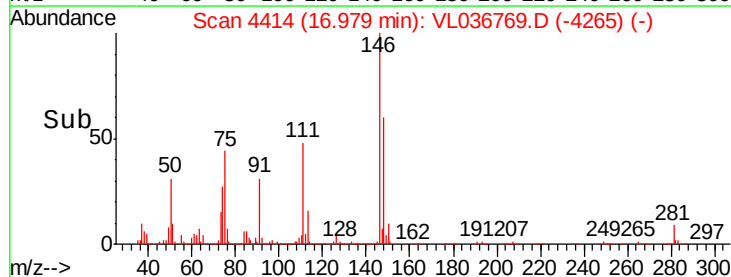
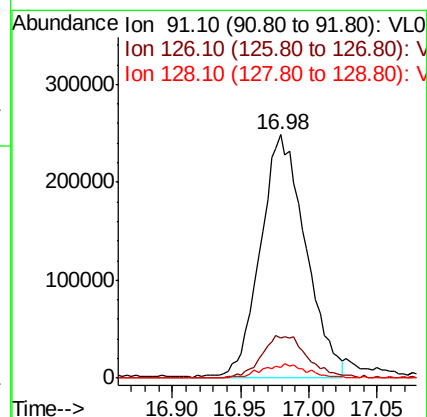
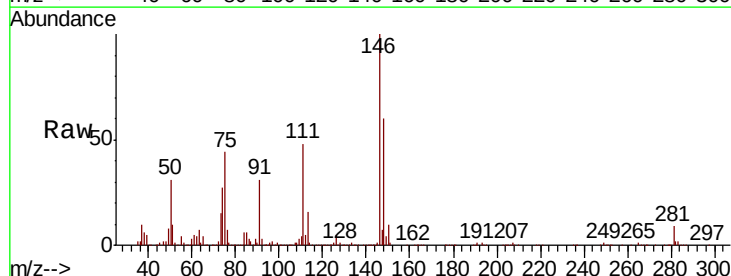
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

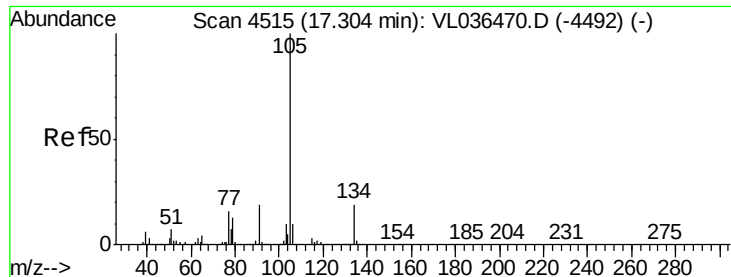
Tot Ion: 119 Resp: 4180513
Ion Ratio Lower Upper
119 100
91 84.5 67.5 101.3
134 19.7 15.8 23.8



#66
Benzyl Chloride
Concen: 9.415 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.02 min
Lab File: VL036769.D
Acq: 9 Apr 2021 10:01

Tgt Ion: 91 Resp: 567216
Ion Ratio Lower Upper
91 100
126 18.4 13.5 20.3
128 5.9 4.2 6.4





#67

sec-Butylbenzene

Concen: 7.626 ppbv

RT: 17.29 min Scan# 4510

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

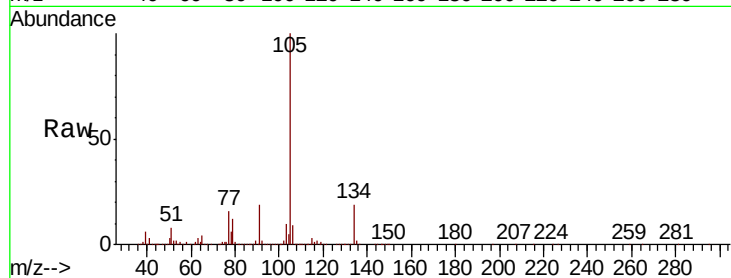
VSTDCCC010

Tot Ion:105 Resp: 5867807

Ion Ratio Lower Upper

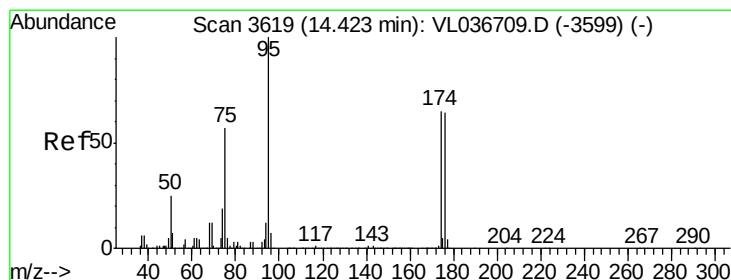
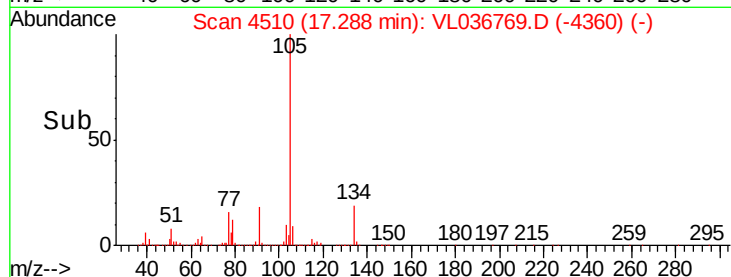
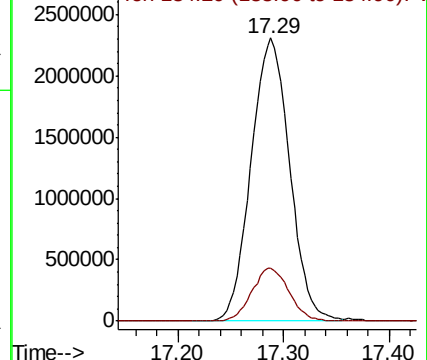
105 100

134 18.2 14.7 22.1



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: 6.862 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

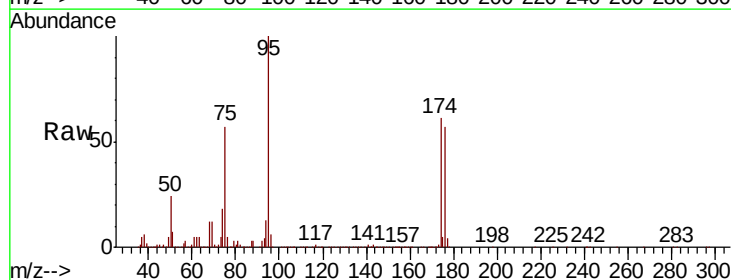
Tgt Ion: 95 Resp: 2080517

Ion Ratio Lower Upper

95 100

174 63.1 51.0 76.6

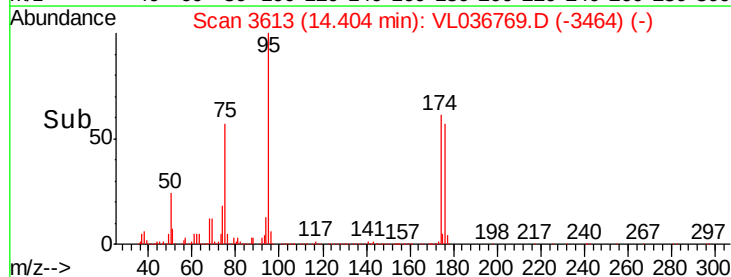
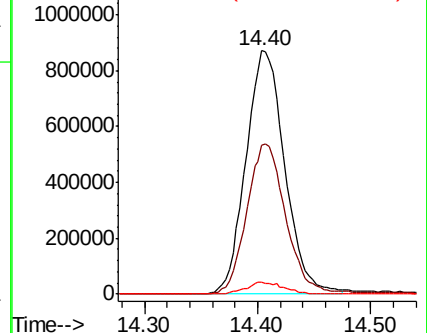
175 4.9 3.9 5.9

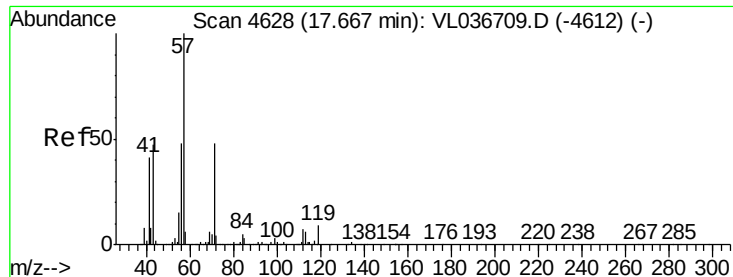


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

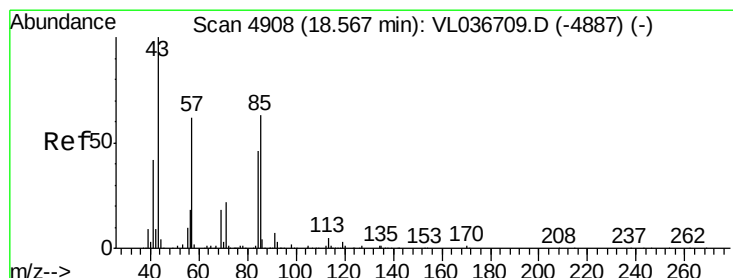
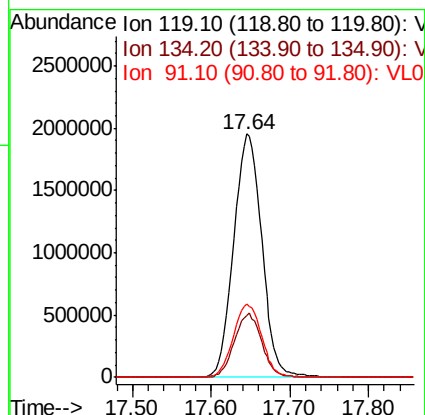
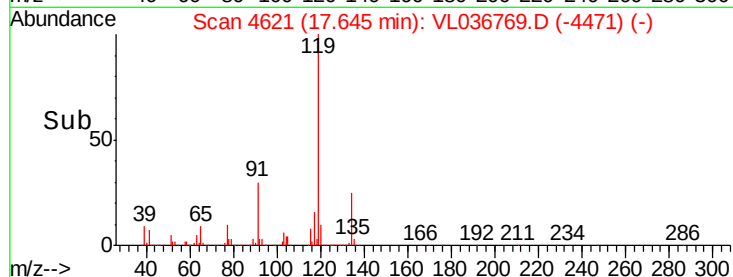
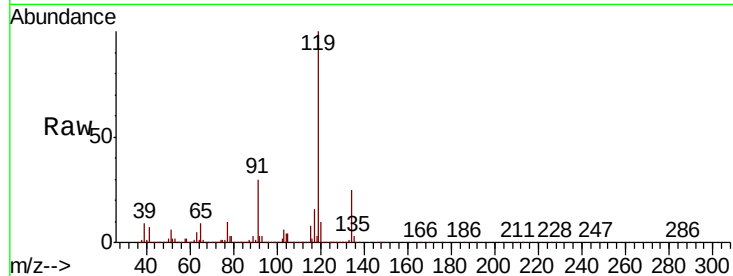




#69
 p-Isopropyltoluene
 Concen: 8.084 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

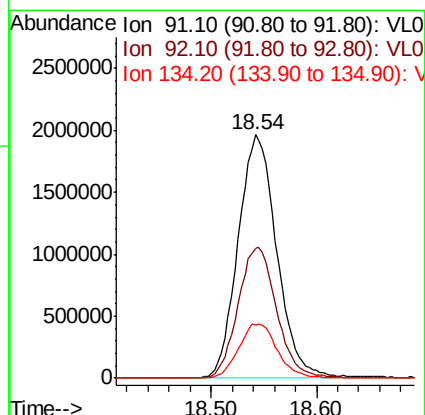
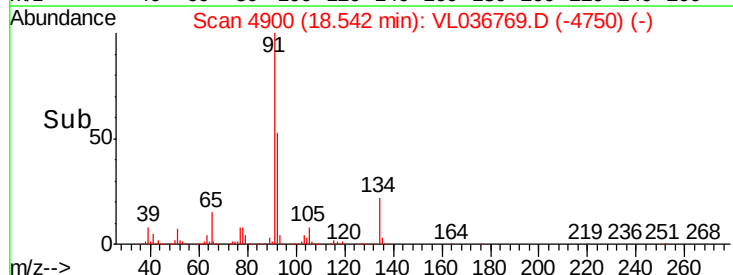
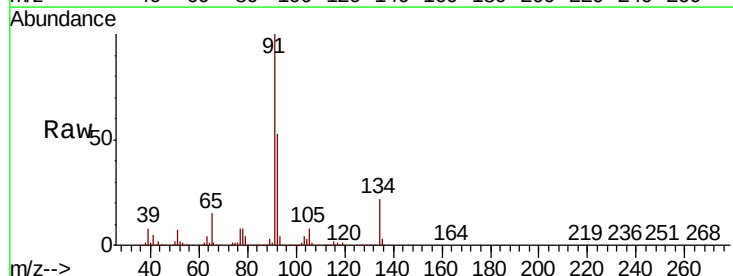
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

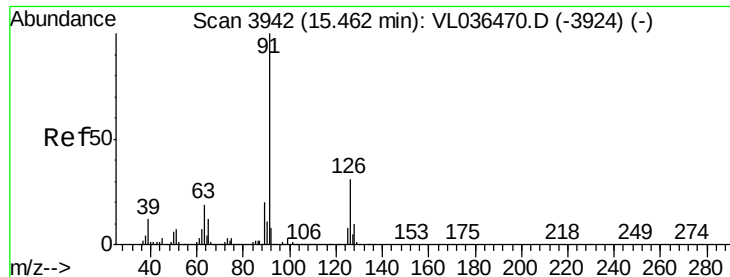
Tot Ion:119 Resp: 4857255
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.6 30.8
 91 30.5 25.0 37.6



#70
 n-Butylbenzene
 Concen: 8.002 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion: 91 Resp: 4984714
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.8 65.8
 134 22.5 18.0 27.0

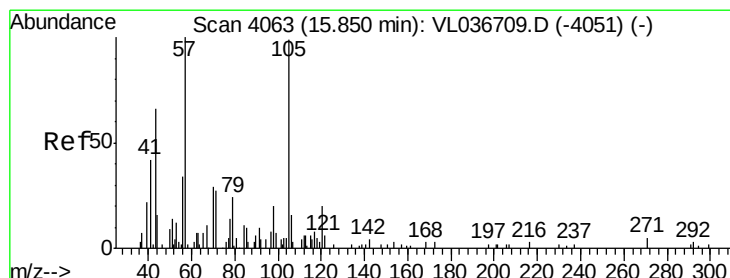
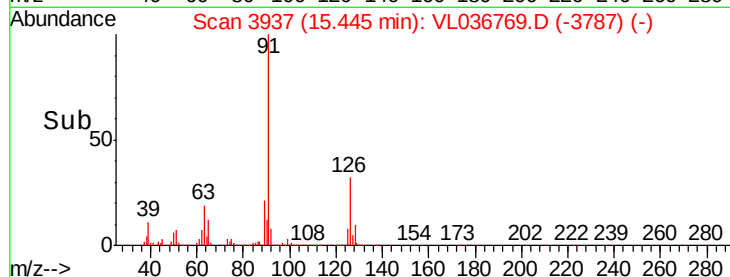
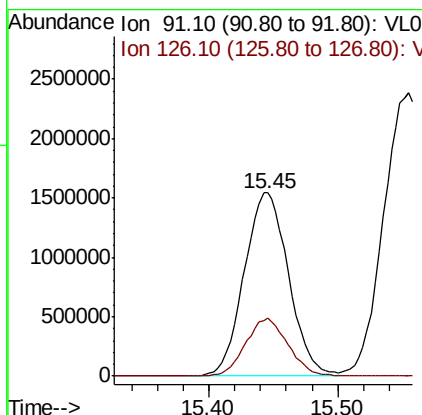
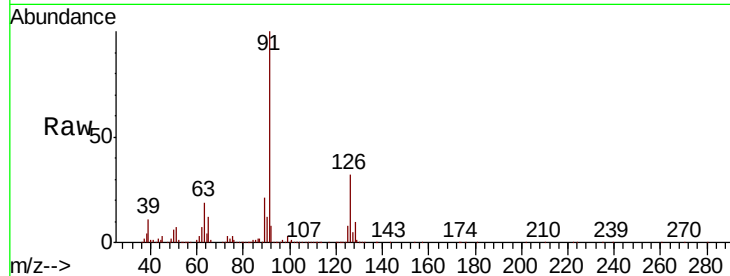




#71
 2-Chlorotoluene
 Concen: 7.850 ppbv
 RT: 15.45 min Scan# 3937
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

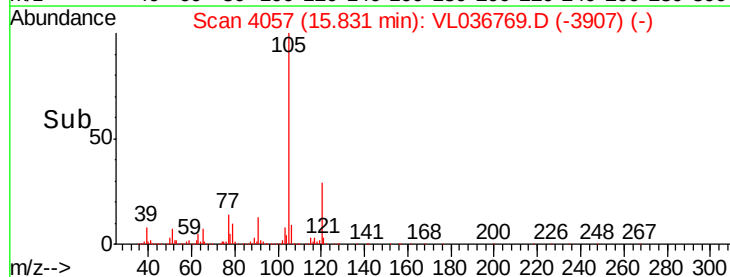
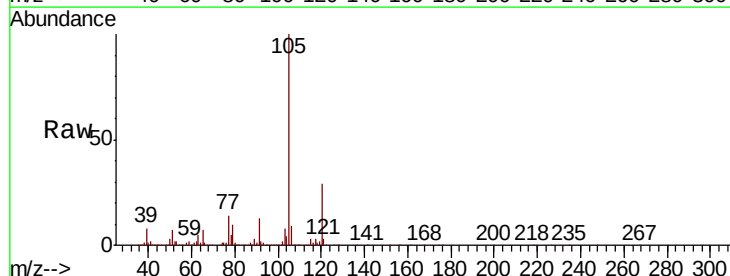
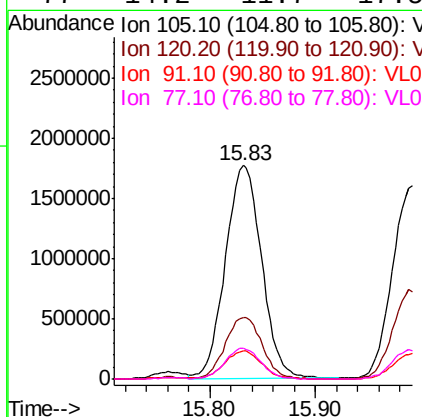
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

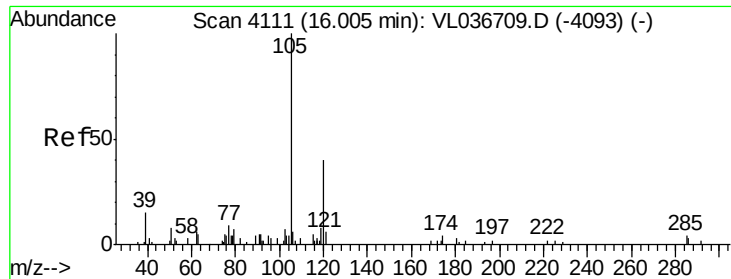
Tot Ion: 91 Resp: 3697652
 Ion Ratio Lower Upper
 91 100
 126 30.9 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 8.248 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion:105 Resp: 4218553
 Ion Ratio Lower Upper
 105 100
 120 29.4 24.0 36.0
 91 13.0 11.0 16.4
 77 14.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.938 ppbv

RT: 15.99 min Scan# 4107

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

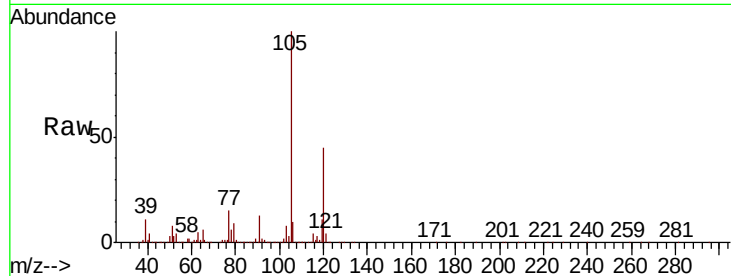
VSTDCCC010

Tot Ion:105 Resp: 3789223

Ion Ratio Lower Upper

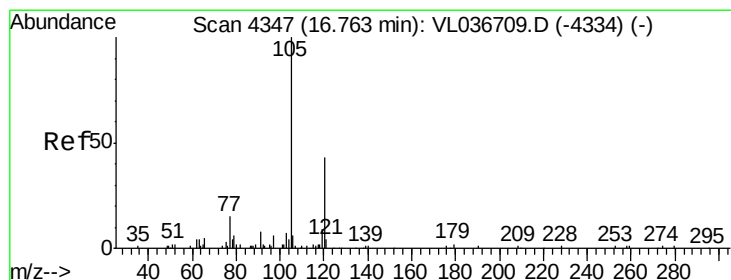
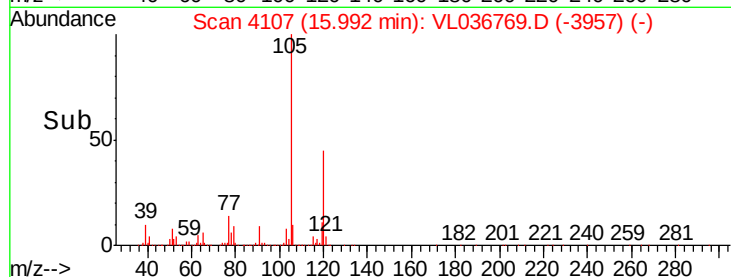
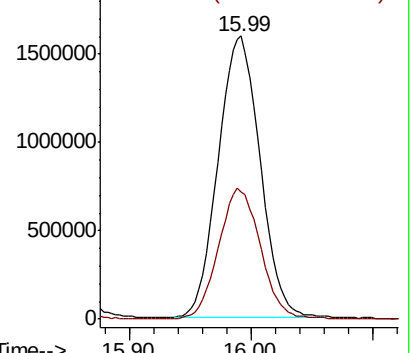
105 100

120 44.9 36.6 54.8



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: 7.667 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Tgt Ion:105 Resp: 3916837

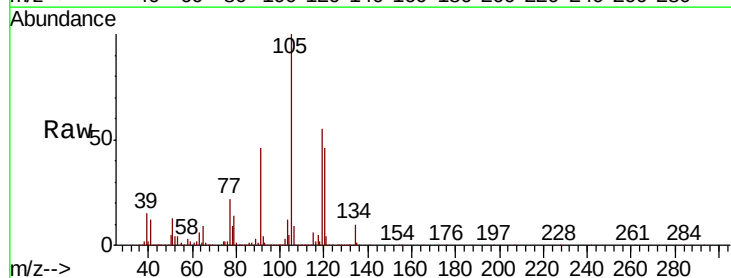
Ion Ratio Lower Upper

105 100

120 46.4 39.2 58.8

91 46.2 42.6 64.0

77 21.7 18.6 28.0

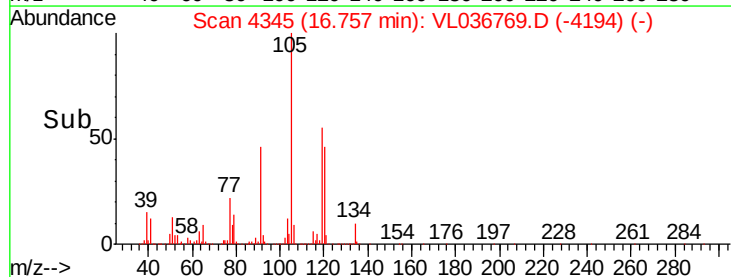
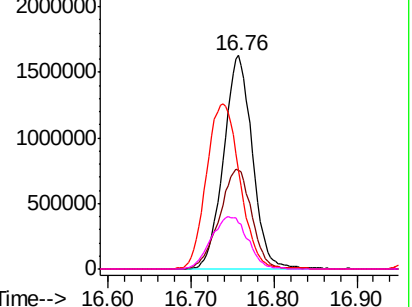


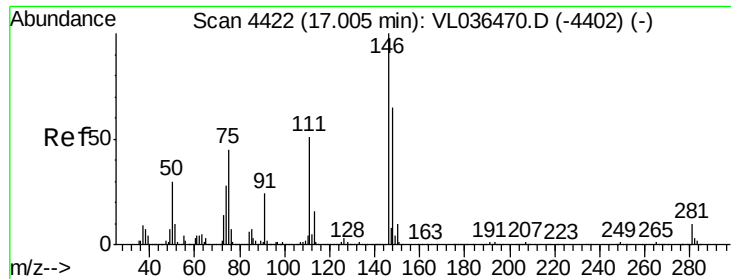
Abundance Ion 105.10 (104.80 to 105.80): V

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

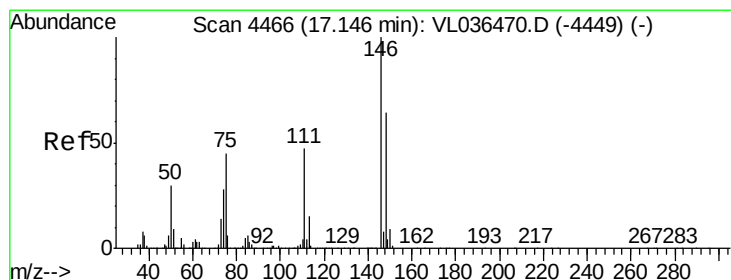
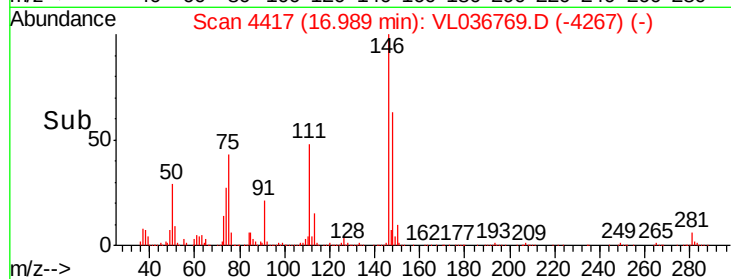
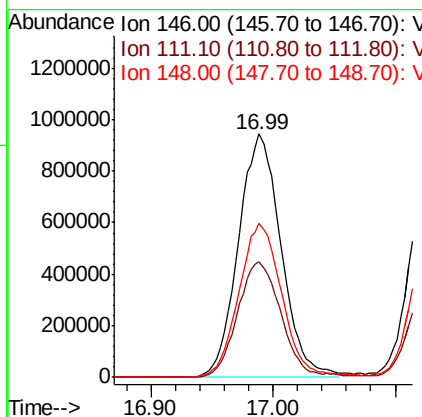
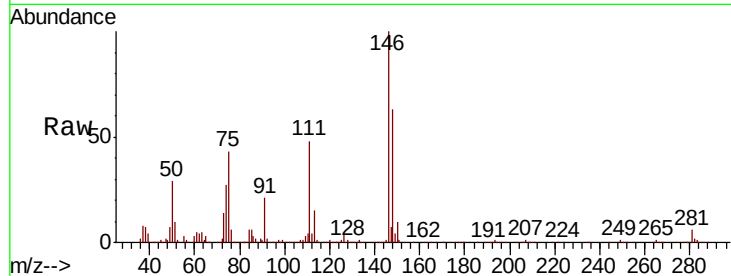




#75
 1,3-Dichlorobenzene
 Concen: 7.910 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

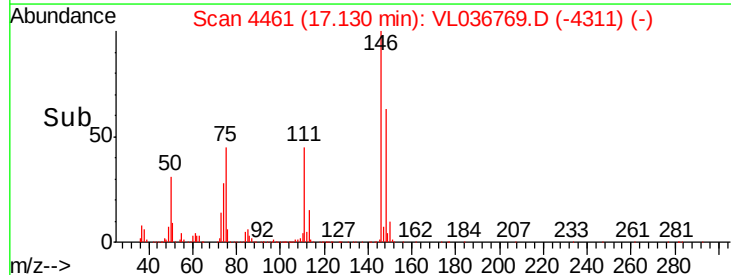
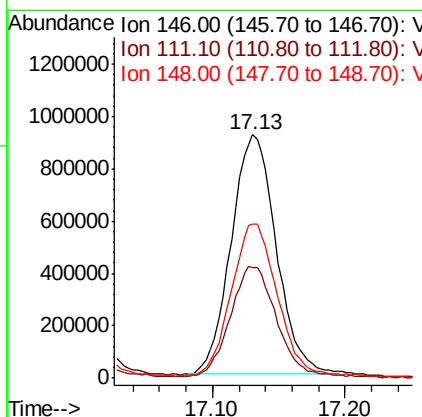
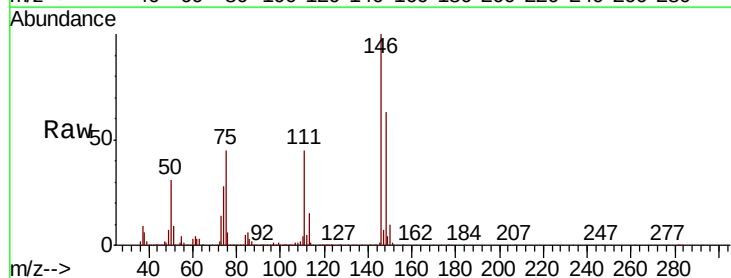
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

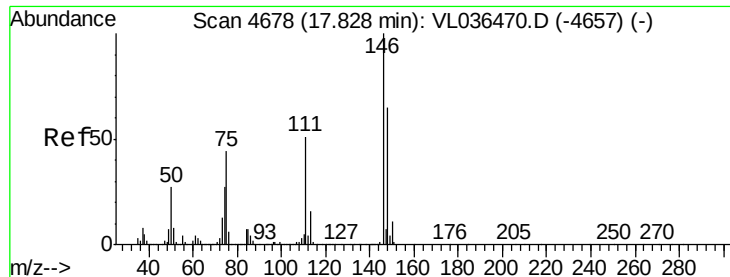
Tot Ion:146 Resp: 2274601
 Ion Ratio Lower Upper
 146 100
 111 48.7 24.5 73.5
 148 64.1 32.3 96.9



#76
 1,4-Dichlorobenzene
 Concen: 7.582 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion:146 Resp: 2164606
 Ion Ratio Lower Upper
 146 100
 111 48.4 24.3 72.8
 148 67.4 33.0 98.9

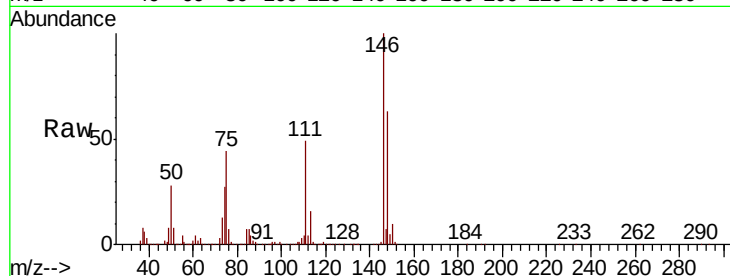




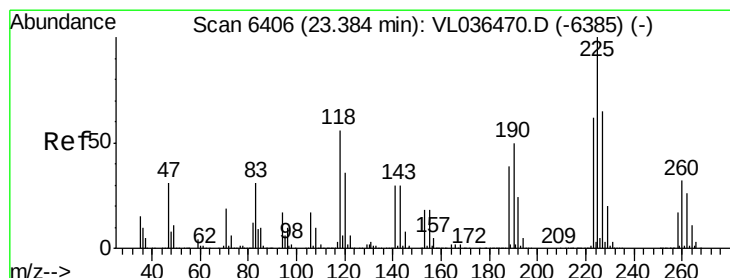
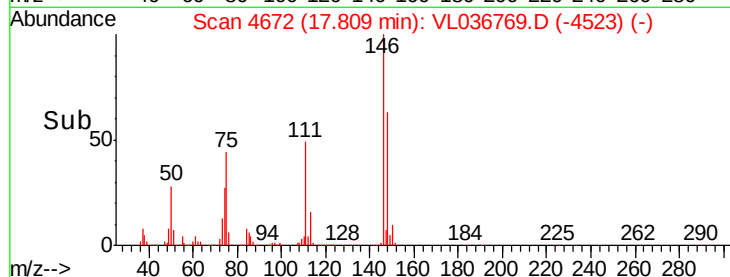
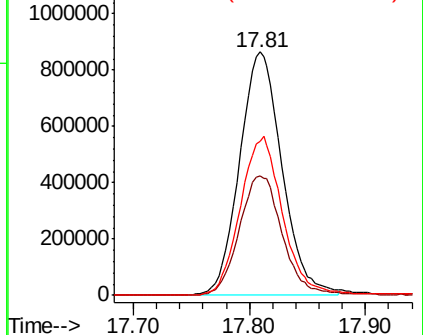
#77
 1,2-Dichlorobenzene
 Concen: 8.088 ppbv
 RT: 17.81 min Scan# 4672
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:146 Resp: 2186274
 Ion Ratio Lower Upper
 146 100
 111 50.0 25.5 76.5
 148 65.7 32.9 98.6

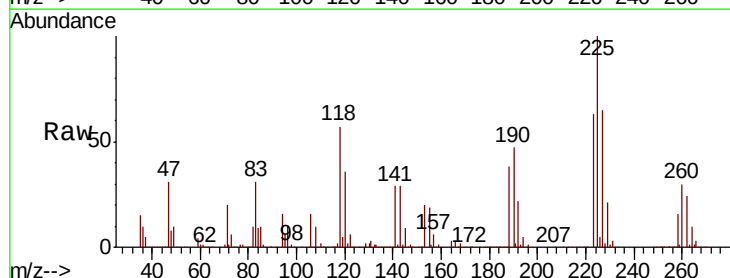


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

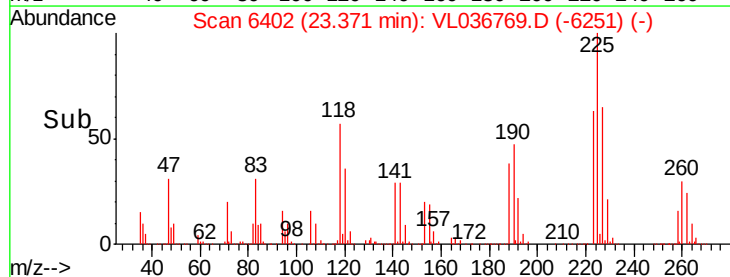
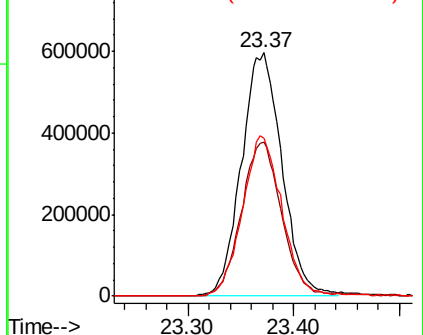


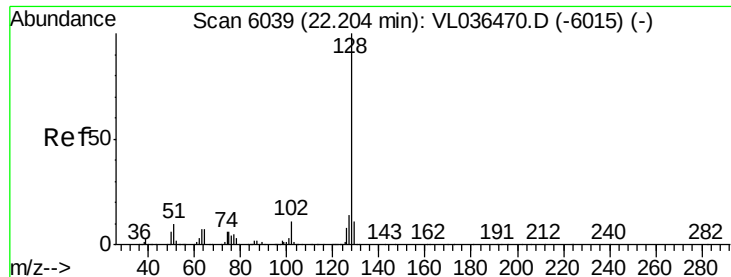
#78
 Hexachloro-1,3-Butadiene
 Concen: 6.606 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. -0.01 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Tgt Ion:225 Resp: 1599174
 Ion Ratio Lower Upper
 225 100
 223 63.7 50.6 75.8
 227 64.8 52.2 78.2



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





#79

Naphthalene

Concen: 8.985 ppbv

RT: 22.19 min Scan# 6034

Delta R.T. -0.02 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

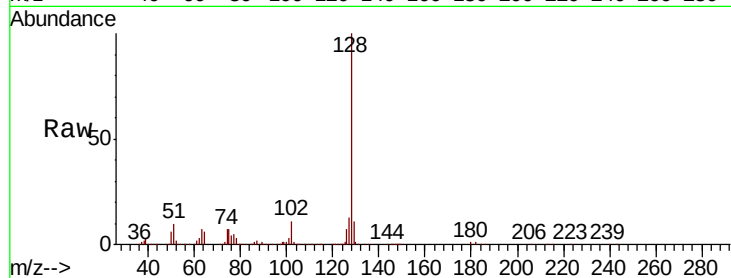
Tot Ion:128 Resp: 2678358

Ion Ratio Lower Upper

128 100

127 13.5 10.9 16.3

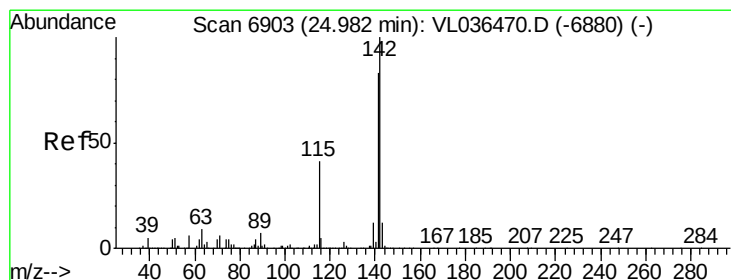
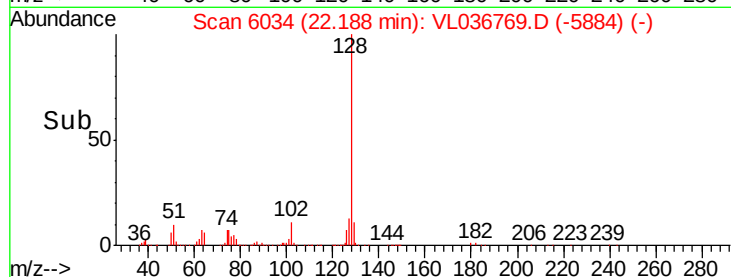
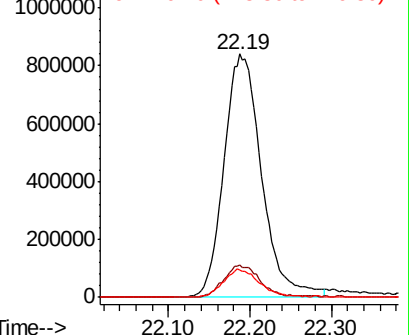
129 11.0 9.0 13.4



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: 9.181 ppbv

RT: 24.97 min Scan# 6900

Delta R.T. -0.01 min

Lab File: VL036769.D

Acq: 9 Apr 2021 10:01

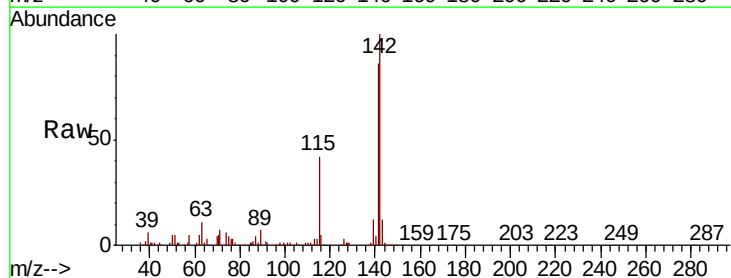
Tgt Ion:142 Resp: 539706

Ion Ratio Lower Upper

142 100

141 87.0 67.8 101.8

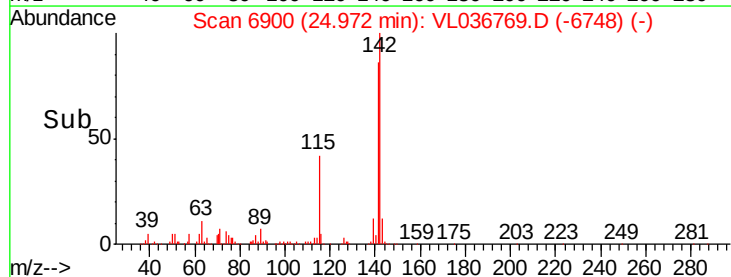
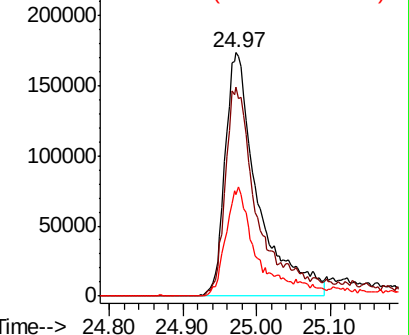
115 45.5 34.0 51.0

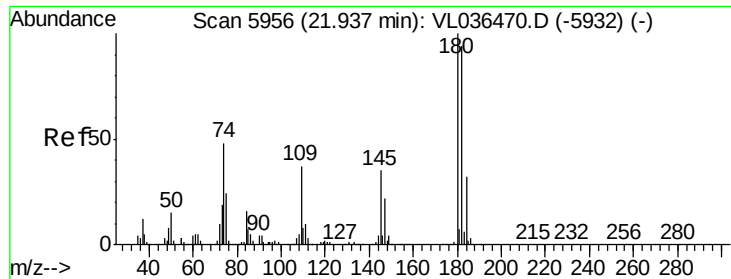


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

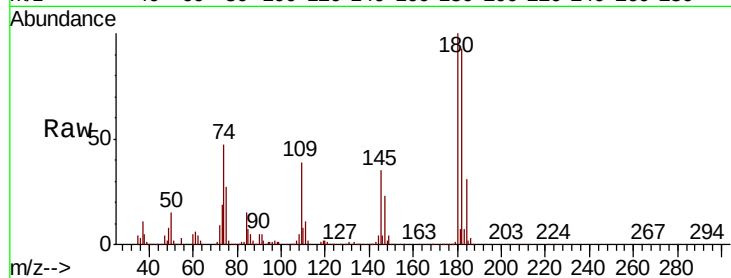




#81
 1,2,4-Trichlorobenzene
 Concen: 8.126 ppbv
 RT: 21.92 min Scan# 5950
 Delta R.T. -0.02 min
 Lab File: VL036769.D
 Acq: 9 Apr 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:180 Resp: 1495687
 Ion Ratio Lower Upper
 180 100
 182 103.2 80.8 121.2
 184 31.9 25.0 37.4



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

