

Data File : VL036675.D

Acq On : 3 Apr 2021 11:05

Operator : SY/AP

Sample : VSTDCCC010

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Apr 04 18:43:53 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	5.64	49	1096357	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2904894	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3226362	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2158407	8.39	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.03	85	1323683	7.402	ppbv	99
3) Chlorodifluoromethane	2.97	51	1730843	8.450	ppbv	99
4) Chloromethane	3.12	50	550314	7.606	ppbv	95
5) Vinyl Chloride	3.24	62	560867	7.539	ppbv	99
6) Bromomethane	3.45	94	312656	7.633	ppbv	96
7) Chloroethane	3.54	64	195537	7.649	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	1355781	7.944	ppbv	94
9) Propene	2.99	41	532811	8.159	ppbv	98
10) Heptane	8.10	43	1394252	8.381	ppbv	100
11) Trichlorofluoromethane	3.93	101	1407174	7.722	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	950965	8.162	ppbv	98
13) Ethanol	3.59	45	29342	3.773	ppbv #	15
14) Bromoethene	3.72	108	398646	8.230	ppbv	98
15) Acetone	3.83	43	895305	8.297	ppbv	99
16) 1,3-Butadiene	3.31	39	619456	8.246	ppbv	97
17) tert-Butyl alcohol	4.27	59	839925	8.942	ppbv	100
18) 1,1-Dichloroethene	4.27	96	423230	8.166	ppbv	97
19) Isopropyl Alcohol	3.95	45	269897	4.547	ppbv #	89
20) Methylene Chloride	4.32	84	368146	7.287	ppbv	90
21) Allyl Chloride	4.39	41	692288	8.048	ppbv	98
22) trans-1,2-Dichloroethene	4.86	96	421421	8.771	ppbv	95
23) Vinyl Acetate	5.05	43	1691959	9.167	ppbv #	98
24) 1,1-Dichloroethane	4.99	63	1086143	8.073	ppbv	98
25) Ethyl Acetate	5.65	43	2118696	8.259	ppbv	99
26) Hexane	5.66	57	1024968	8.609	ppbv	97
27) Carbon Disulfide	4.53	76	947316	8.078	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1244073	8.861	ppbv	99
29) Chloroform	5.73	83	1519263	7.980	ppbv	98
30) Cyclohexane	7.10	84	821415	8.508	ppbv	96
31) cis-1,2-Dichloroethene	5.52	61	1005743	8.734	ppbv	99
32) 1,1,1-Trichloroethane	6.49	97	1543505	8.044	ppbv	98
34) 2-Butanone	5.22	43	996793	7.030	ppbv	100
35) Carbon Tetrachloride	6.99	117	1619404	7.258	ppbv	98
36) Benzene	6.87	78	2034834	7.595	ppbv	99
37) 1,2-Dichloroethane	6.28	62	1186909	7.527	ppbv	100
38) Trichloroethene	7.81	130	776882	7.451	ppbv	94
39) 1,2-Dichloropropane	7.59	63	810849	7.461	ppbv	97
40) 1,4-Dioxane	7.81	88	152495	6.029	ppbv #	1
41) Tetrahydrofuran	6.03	42	454063	6.945	ppbv	95
42) Bromodichloromethane	7.76	83	1629854	7.599	ppbv	97
43) Methyl Methacrylate	7.99	69	795788	8.846	ppbv	97

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

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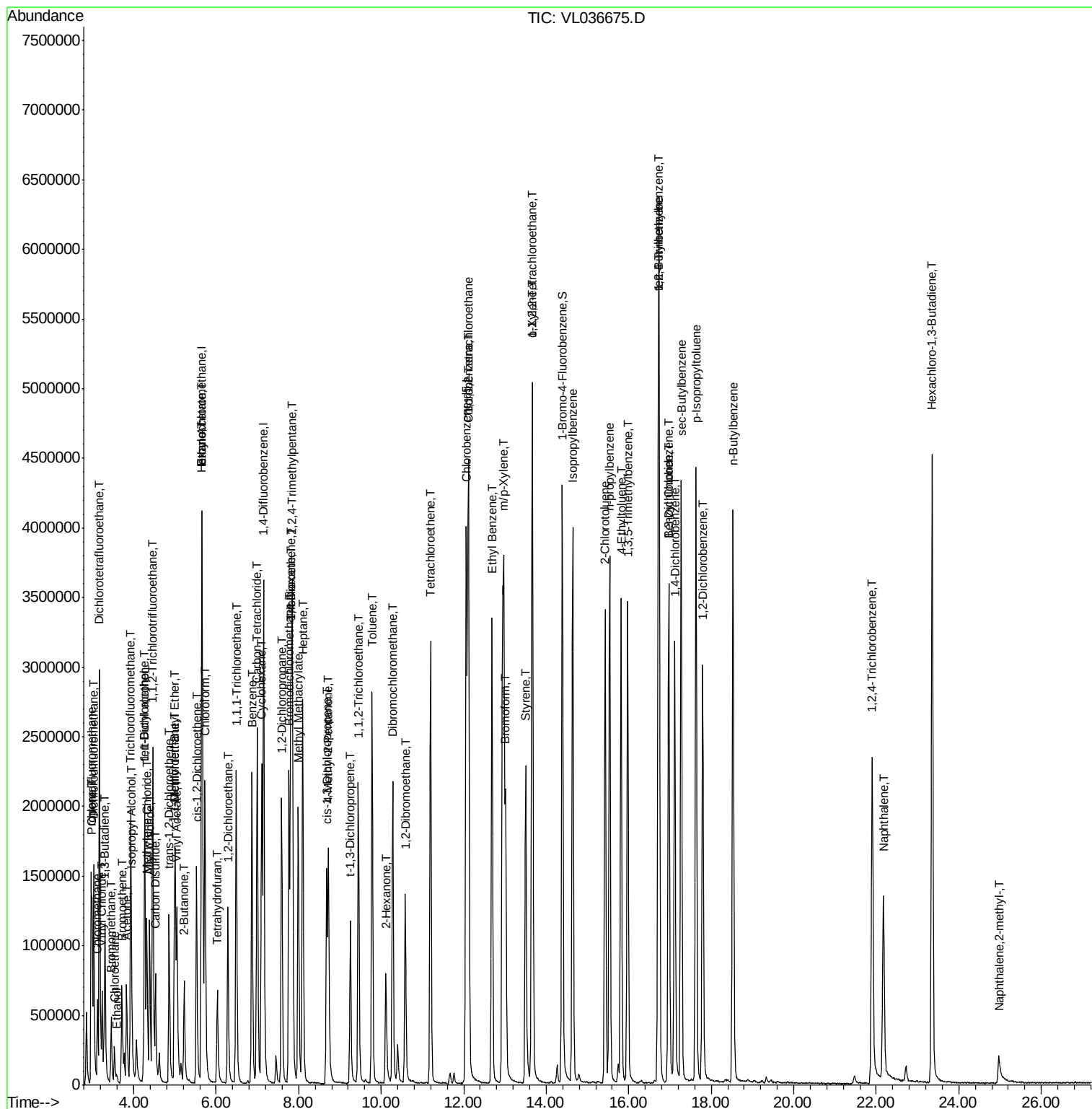
Response via : Initial Calibration

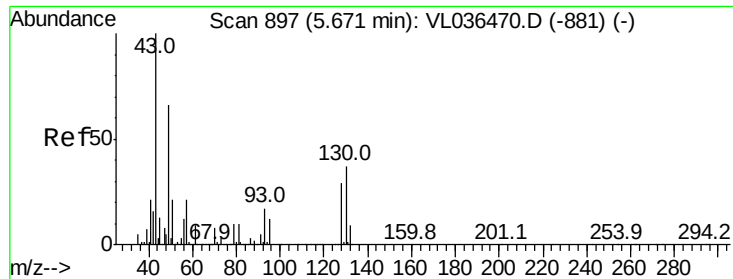
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	3561934	7.554	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	760774	7.406	ppbv	100
46) cis-1,3-Dichloropropene	8.68	75	938861	7.150	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	822337	7.471	ppbv	96
48) Dibromochloromethane	10.28	129	1403788	8.366	ppbv	99
49) Bromoform	13.02	173	1177160	8.706	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	1499234	7.307	ppbv	100
51) 2-Hexanone	10.11	43	866811	8.372	ppbv	98
52) Tetrachloroethene	11.20	164	794934	8.058	ppbv	98
53) Toluene	9.78	91	2392077	8.384	ppbv	99
54) 1,2-Dibromoethane	10.58	107	1228612	7.903	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.10	131	996703	6.830	ppbv #	53
57) Chlorobenzene	12.12	112	1753550	6.388	ppbv	97
58) Ethyl Benzene	12.69	91	3207551	6.833	ppbv	98
59) m/p-Xylene	12.97	91	2830154	6.913	ppbv #	37
60) o-Xylene	13.67	91	2522220	6.371	ppbv	100
61) Styrene	13.50	104	1404178	7.051	ppbv	99
62) Isopropylbenzene	14.64	105	3607623	6.767	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.65	83	1687659	5.589	ppbv	99
64) n-propylbenzene	15.54	120	939035	7.205	ppbv	96
65) tert-Butylbenzene	16.72	119	3166303	6.850	ppbv	97
66) Benzyl Chloride	16.97	91	390035	7.634	ppbv	96
67) sec-Butylbenzene	17.27	105	4371504	6.700	ppbv	100
69) p-Isopropyltoluene	17.63	119	3739544	7.339	ppbv	97
70) n-Butylbenzene	18.53	91	3623963	6.859	ppbv	98
71) 2-Chlorotoluene	15.43	91	2715148	6.797	ppbv	99
72) 4-Ethyltoluene	15.82	105	3056447	7.046	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	2741660	6.772	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	2828703	6.529	ppbv	94
75) 1,3-Dichlorobenzene	16.97	146	1680987	6.893	ppbv	98
76) 1,4-Dichlorobenzene	17.11	146	1628384	6.725	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	1641847	7.162	ppbv	97
78) Hexachloro-1,3-Butadiene	23.36	225	1317327	6.417	ppbv	99
79) Naphthalene	22.17	128	961110	3.802	ppbv	97
80) Naphthalene,2-methyl-	24.97	142	248192	4.978	ppbv	92
81) 1,2,4-Trichlorobenzene	21.91	180	1196172	7.663	ppbv	99

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

ALS Vial : 1 Sample Multiplier: 1

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL036675.D

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Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

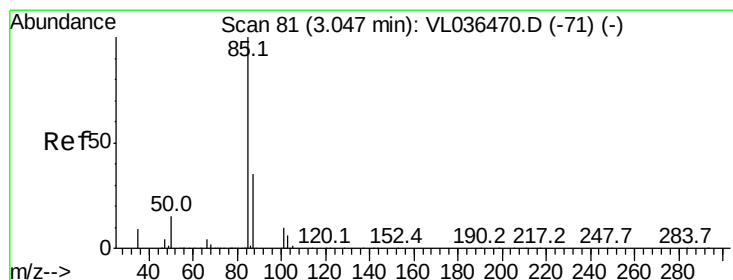
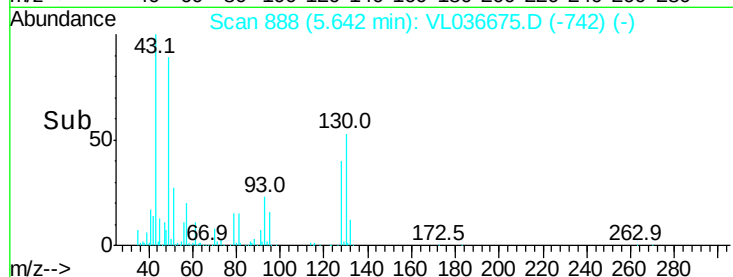
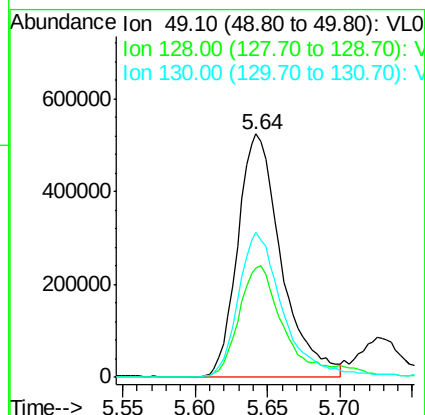
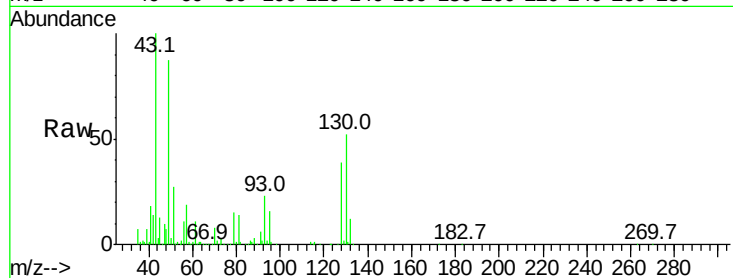
Tgt Ion: 49 Resp: 1096357

Ion Ratio Lower Upper

49 100

128 50.3 23.5 70.6

130 62.2 29.1 87.4



#2

Dichlorodifluoromethane

Concen: 7.402 ppbv

RT: 3.03 min Scan# 75

Delta R.T. -0.02 min

Lab File: VL036675.D

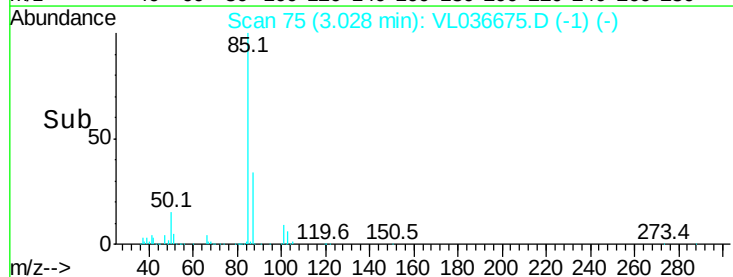
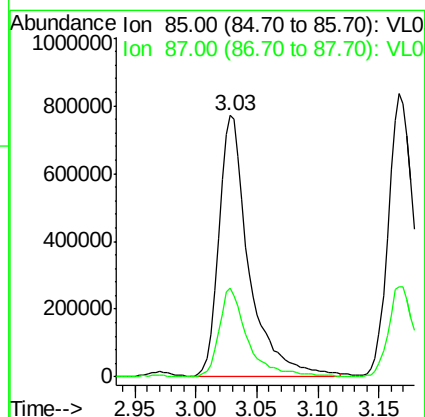
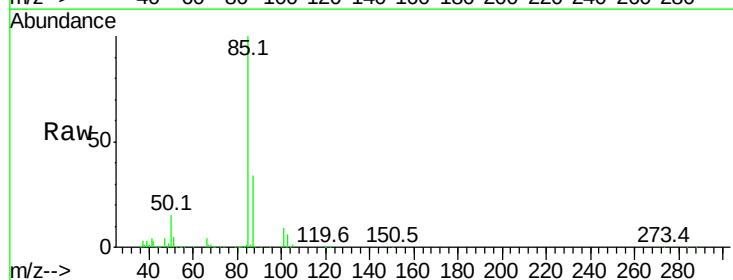
Acq: 3 Apr 2021 11:05

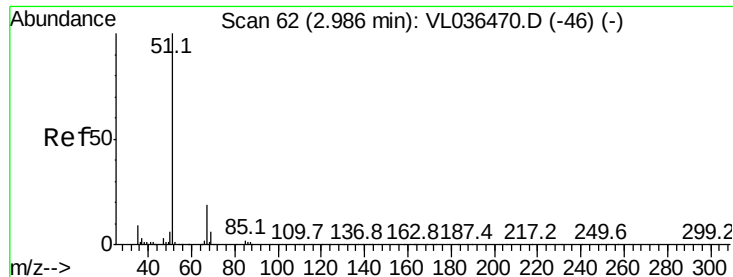
Tgt Ion: 85 Resp: 1323683

Ion Ratio Lower Upper

85 100

87 34.1 27.8 41.8





#3

Chlorodifluoromethane

Concen: 8.450 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

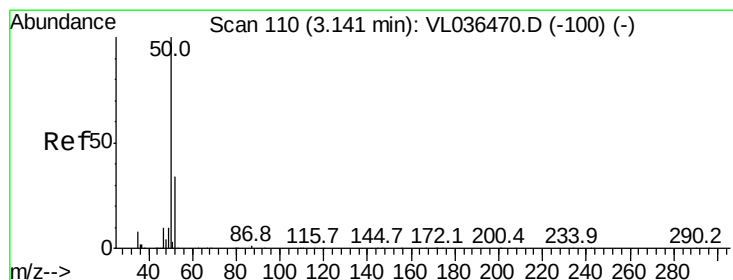
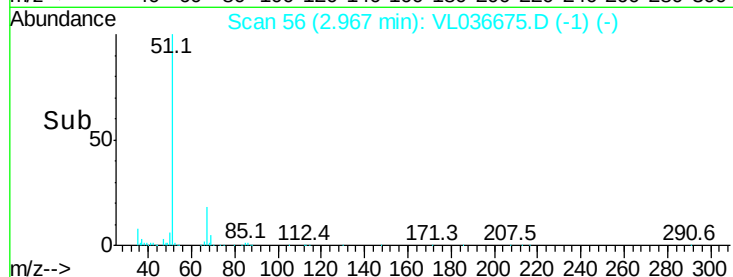
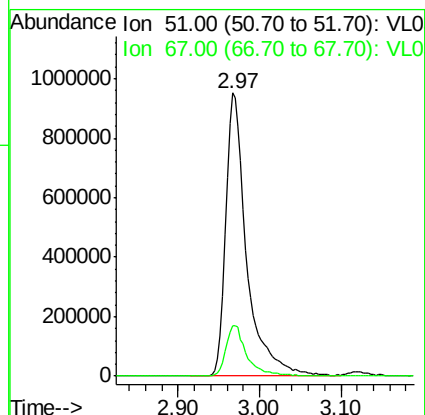
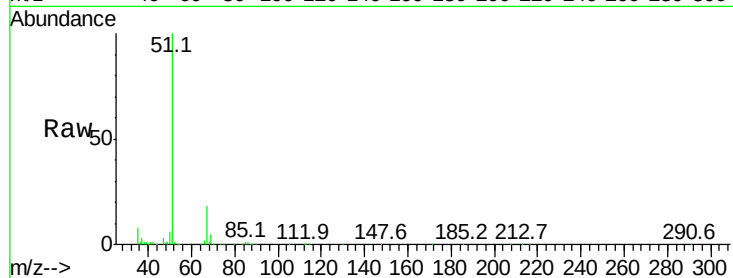
VSTDCCC010EC

Tgt Ion: 51 Resp: 1730843

Ion Ratio Lower Upper

51 100

67 18.0 14.7 22.1



#4

Chloromethane

Concen: 7.606 ppbv

RT: 3.12 min Scan# 104

Delta R.T. -0.02 min

Lab File: VL036675.D

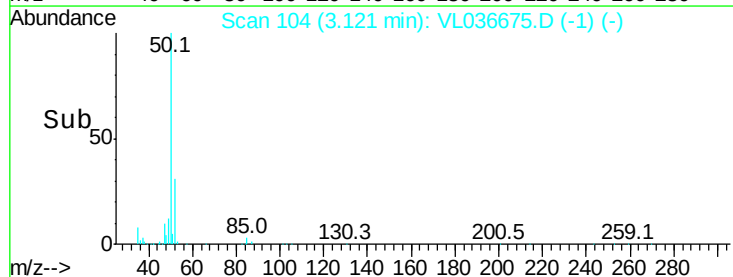
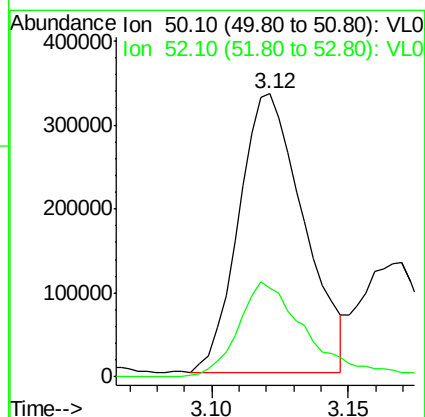
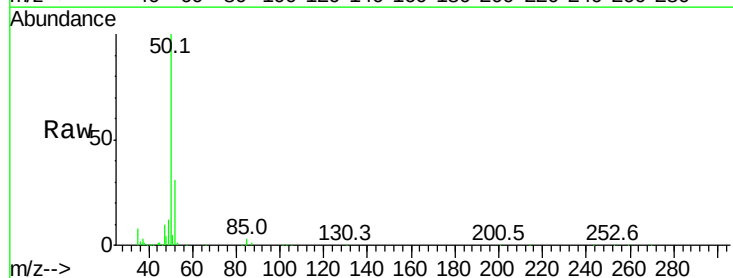
Acq: 3 Apr 2021 11:05

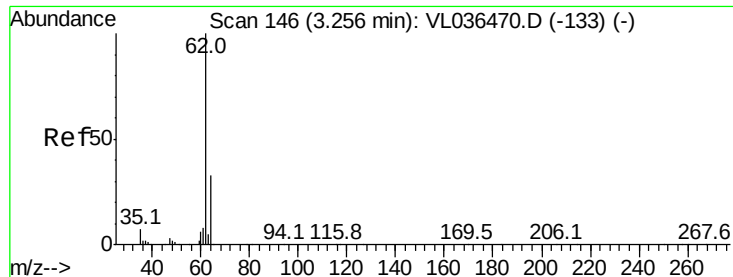
Tgt Ion: 50 Resp: 550314

Ion Ratio Lower Upper

50 100

52 31.2 27.0 40.6





#5

Vinyl Chloride

Concen: 7.539 ppbv

RT: 3.24 min Scan# 140

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

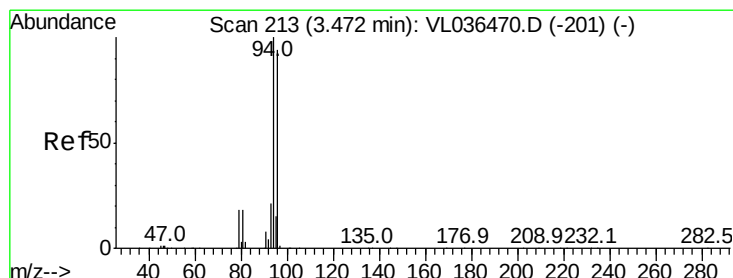
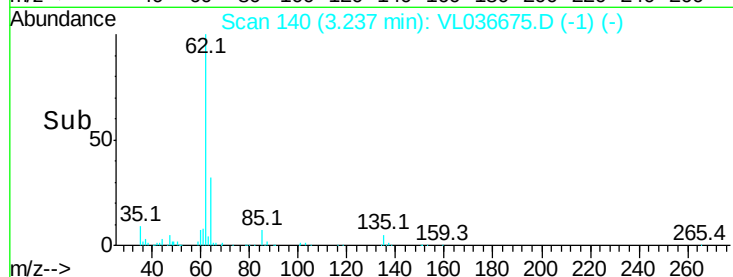
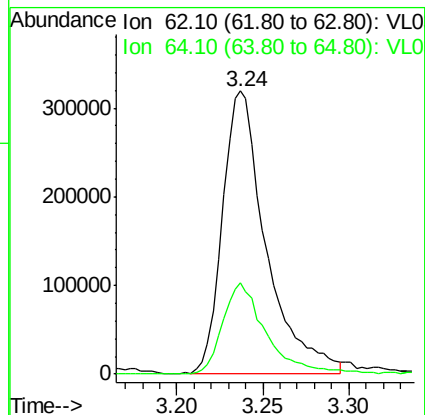
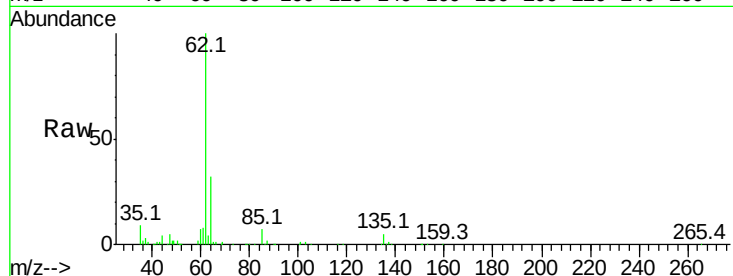
VSTDCCC010EC

Tgt Ion: 62 Resp: 560867

Ion Ratio Lower Upper

62 100

64 32.4 26.4 39.6



#6

Bromomethane

Concen: 7.633 ppbv

RT: 3.45 min Scan# 206

Delta R.T. -0.02 min

Lab File: VL036675.D

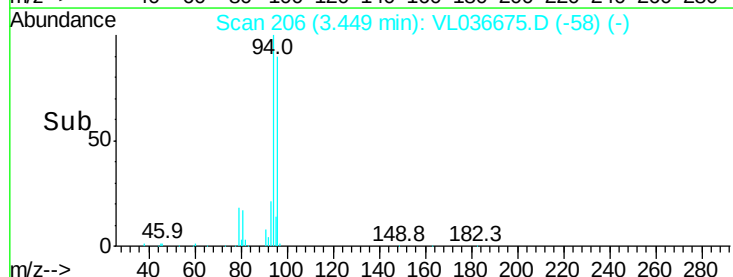
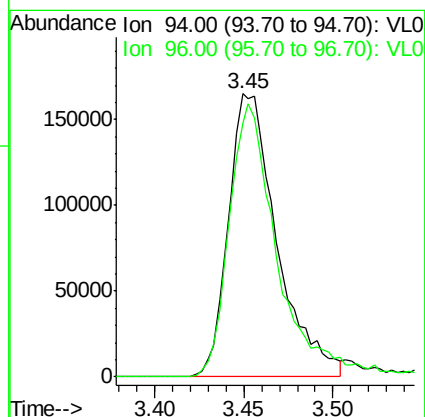
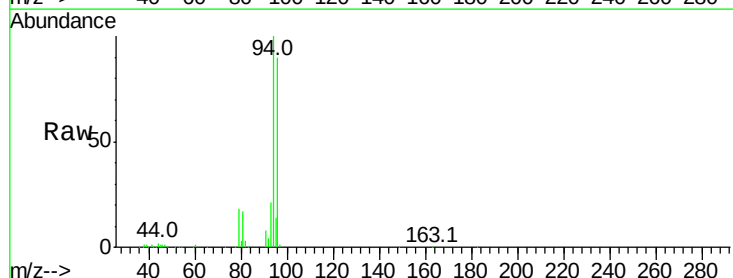
Acq: 3 Apr 2021 11:05

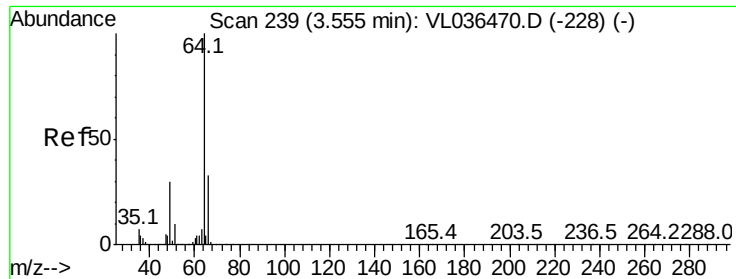
Tgt Ion: 94 Resp: 312656

Ion Ratio Lower Upper

94 100

96 89.5 74.9 112.3





#7

Chloroethane

Concen: 7.649 ppbv

RT: 3.54 min Scan# 233

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

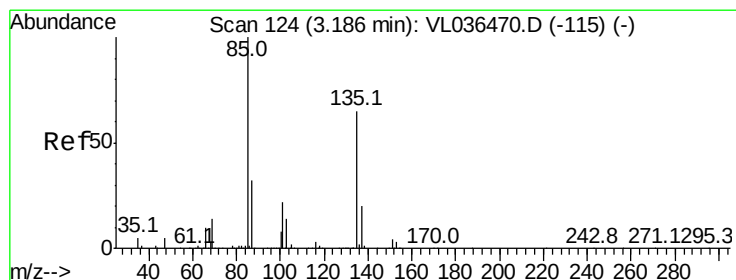
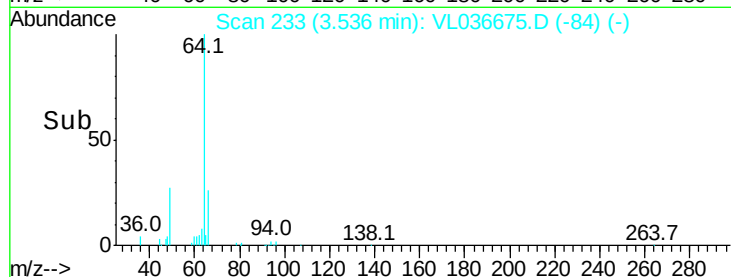
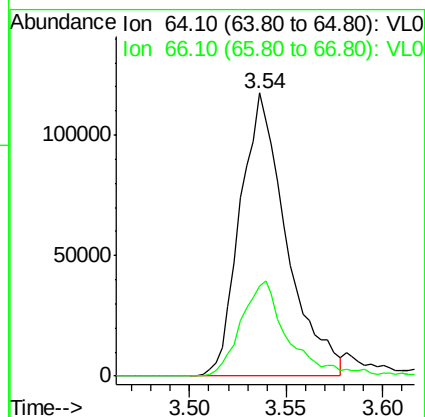
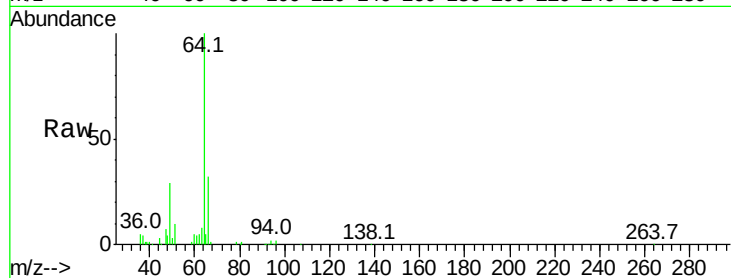
VSTDCCC010EC

Tgt Ion: 64 Resp: 195537

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.2



#8

Dichlorotetrafluoroethane

Concen: 7.944 ppbv

RT: 3.17 min Scan# 118

Delta R.T. -0.02 min

Lab File: VL036675.D

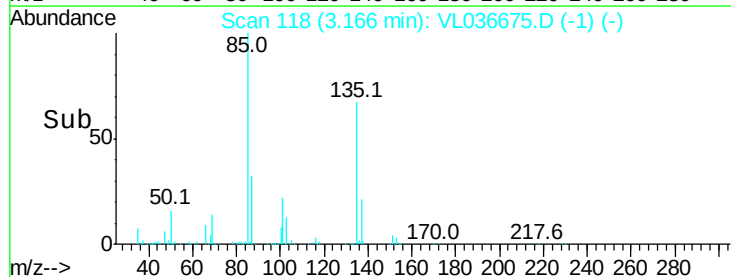
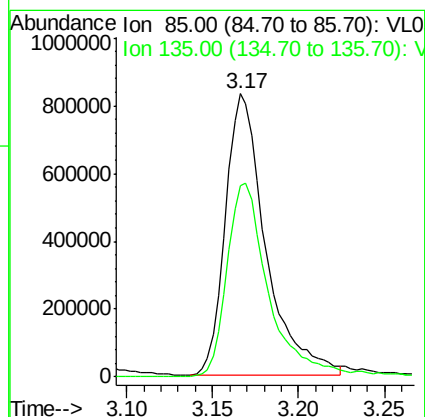
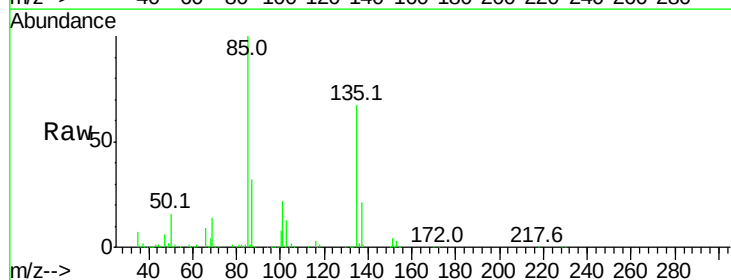
Acq: 3 Apr 2021 11:05

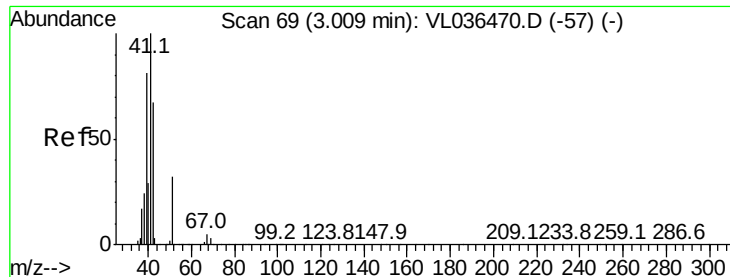
Tgt Ion: 85 Resp: 1355781

Ion Ratio Lower Upper

85 100

135 72.7 54.3 81.5





#9

Propene

Concen: 8.159 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

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ClientSampleId :

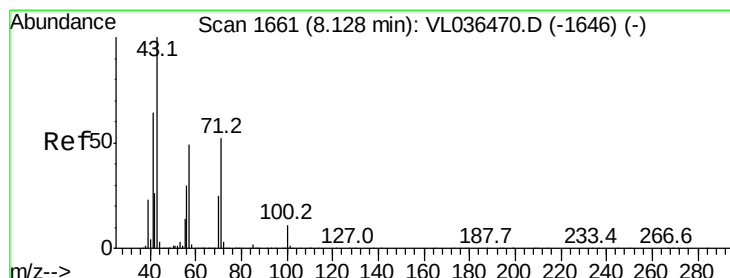
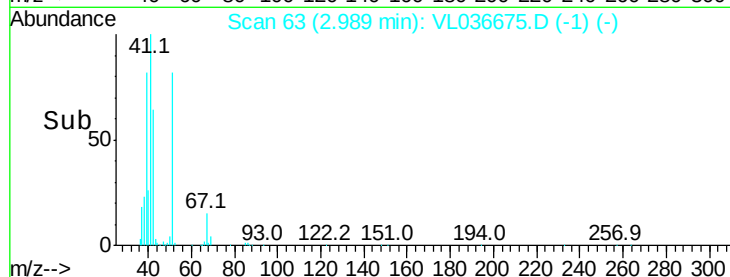
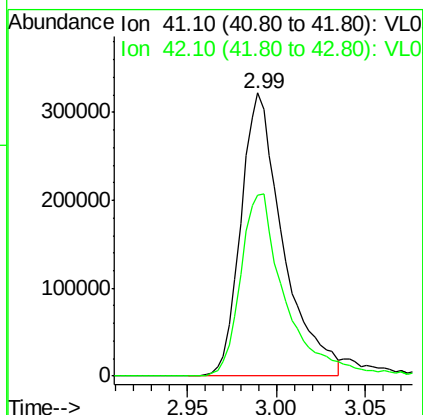
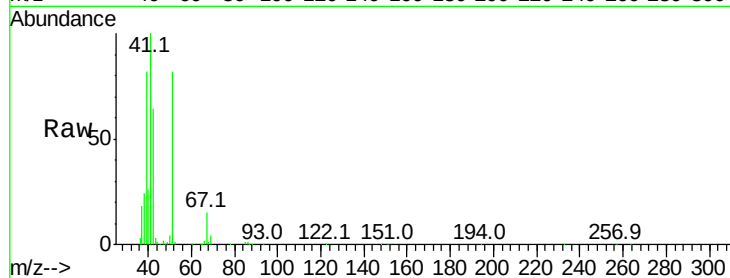
VSTDCCC010EC

Tgt Ion: 41 Resp: 532811

Ion Ratio Lower Upper

41 100

42 69.2 57.0 85.4



#10

Heptane

Concen: 8.381 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.03 min

Lab File: VL036675.D

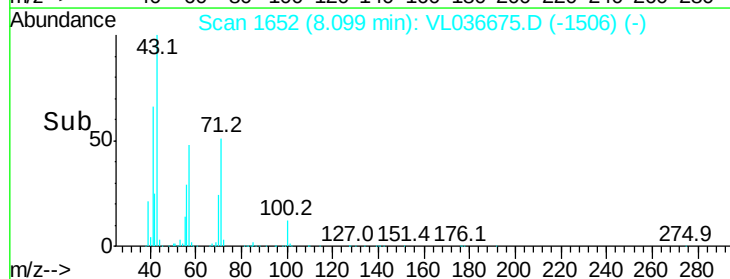
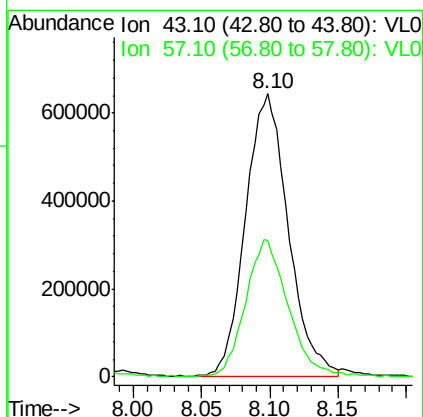
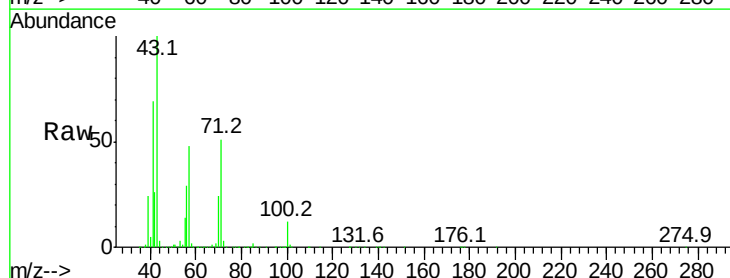
Acq: 3 Apr 2021 11:05

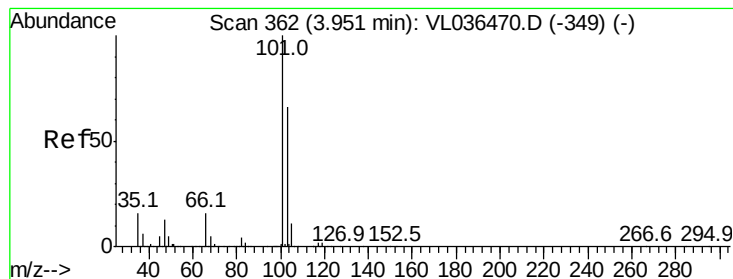
Tgt Ion: 43 Resp: 1394252

Ion Ratio Lower Upper

43 100

57 49.0 39.0 58.6





#11

Trichlorofluoromethane

Concen: 7.722 ppbv

RT: 3.93 min Scan# 355

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

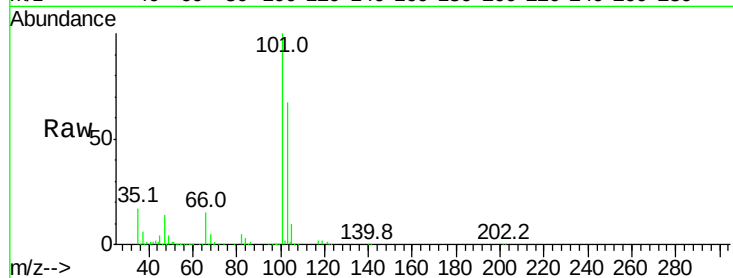
VSTDCCC010EC

Tgt Ion:101 Resp: 1407174

Ion Ratio Lower Upper

101 100

103 67.3 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.93

800000

600000

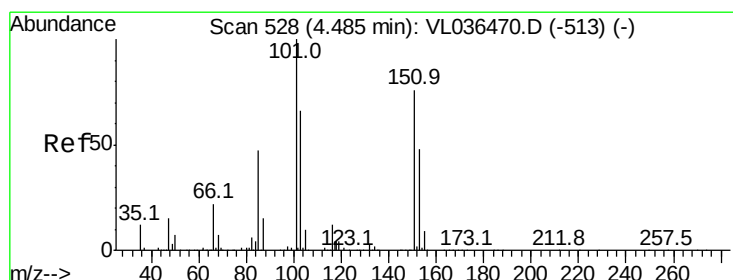
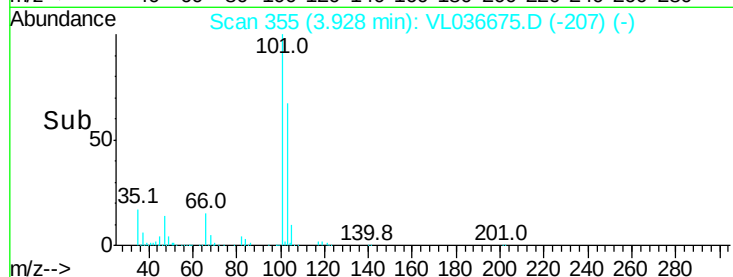
400000

200000

0

3.85 3.90 3.95 4.00 4.05

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.162 ppbv

RT: 4.46 min Scan# 520

Delta R.T. -0.03 min

Lab File: VL036675.D

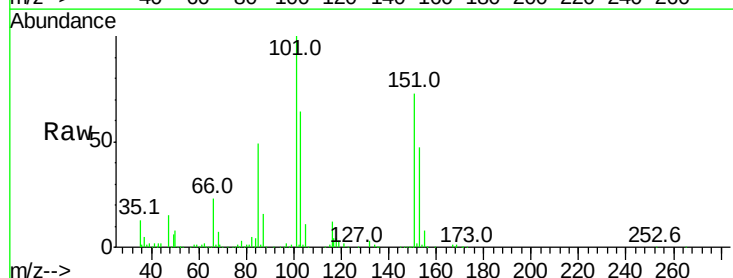
Acq: 3 Apr 2021 11:05

Tgt Ion:101 Resp: 950965

Ion Ratio Lower Upper

101 100

151 77.7 60.9 91.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4.46

500000

400000

300000

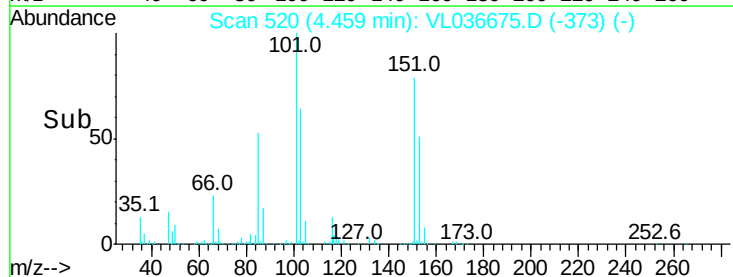
200000

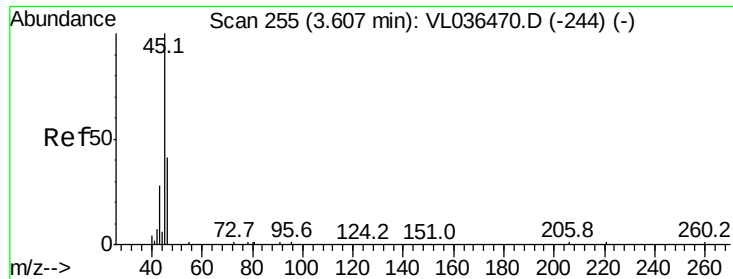
100000

0

4.35 4.40 4.45 4.50 4.55

Time-->





#13

Ethanol

Concen: 3.773 ppbv

RT: 3.59 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

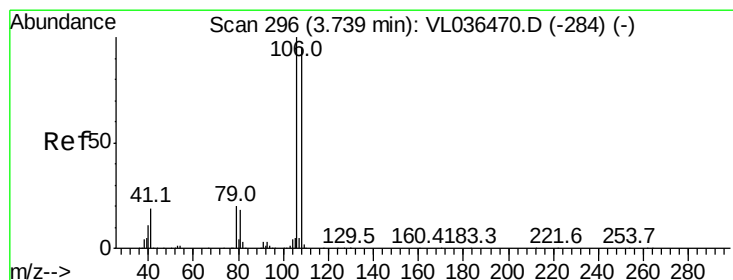
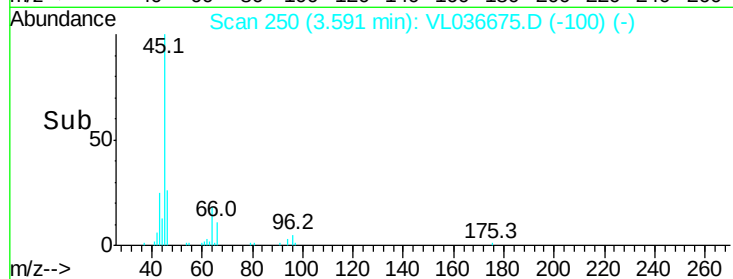
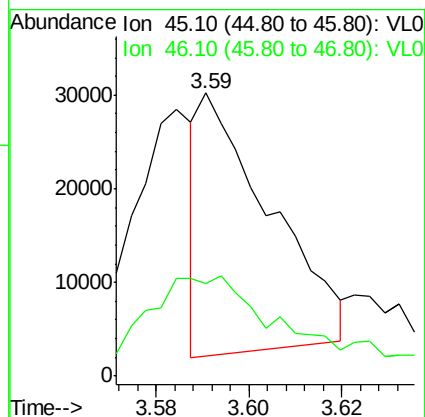
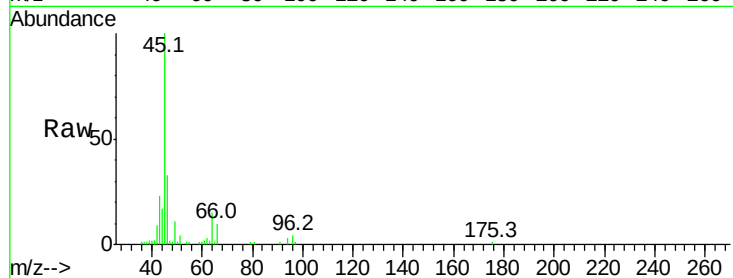
VSTDCCC010EC

Tgt Ion: 45 Resp: 29342

Ion Ratio Lower Upper

45 100

46 94.6 16.6 66.2#



#14

Bromoethene

Concen: 8.230 ppbv

RT: 3.72 min Scan# 290

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

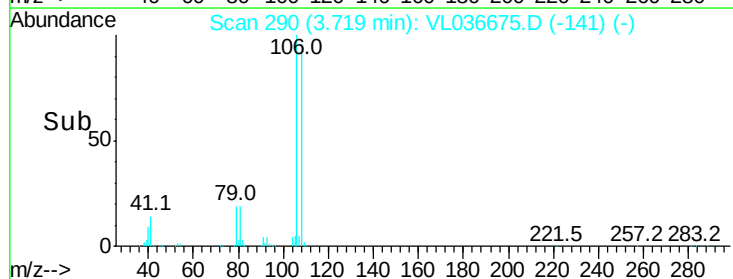
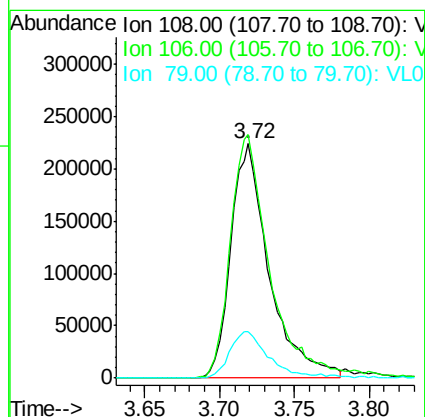
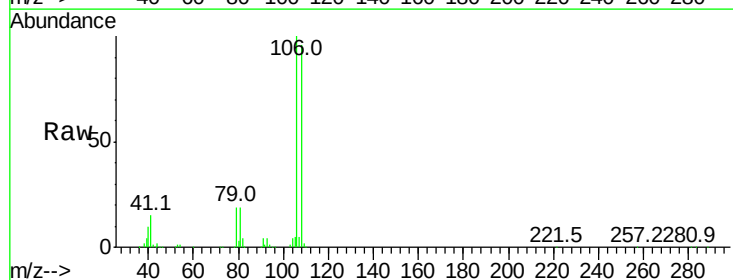
Tgt Ion: 108 Resp: 398646

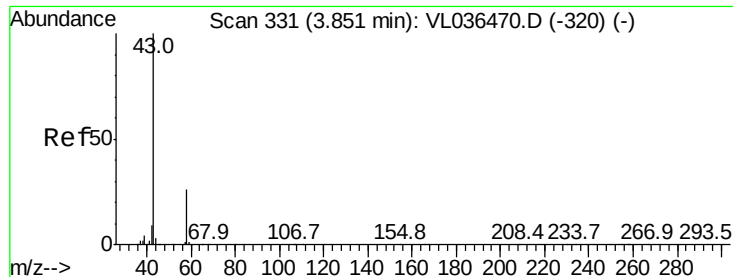
Ion Ratio Lower Upper

108 100

106 109.3 89.0 133.6

79 21.2 16.6 25.0





#15

Acetone

Concen: 8.297 ppbv

RT: 3.83 min Scan# 324

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

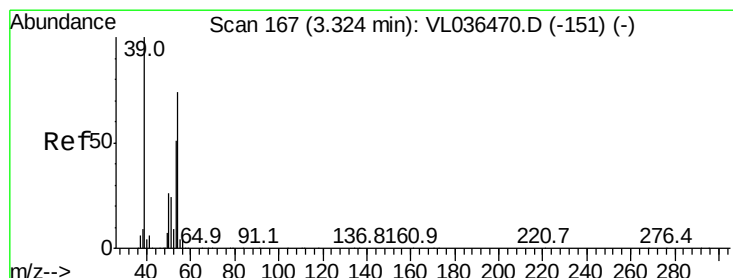
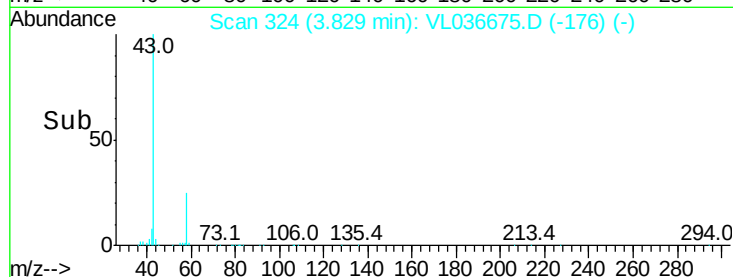
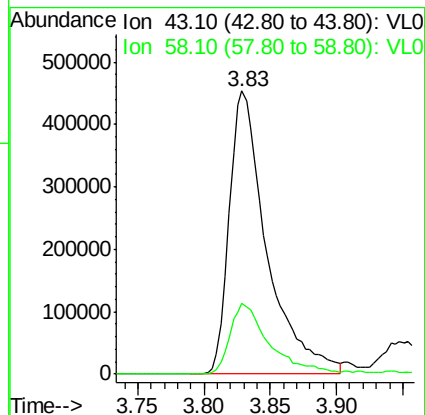
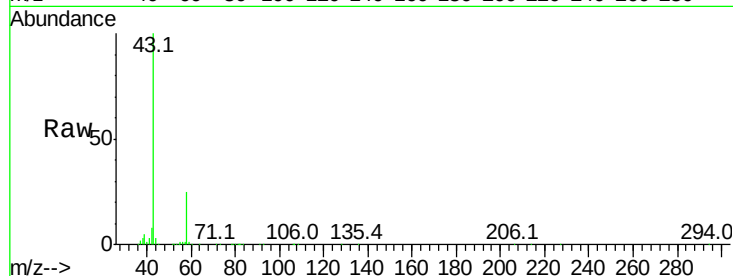
VSTDCCC010EC

Tgt Ion: 43 Resp: 895305

Ion Ratio Lower Upper

43 100

58 26.8 21.2 31.8



#16

1,3-Butadiene

Concen: 8.246 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.02 min

Lab File: VL036675.D

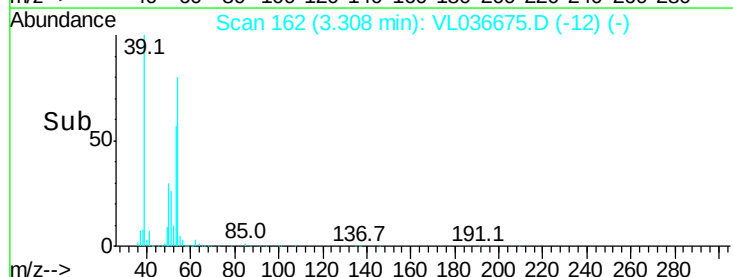
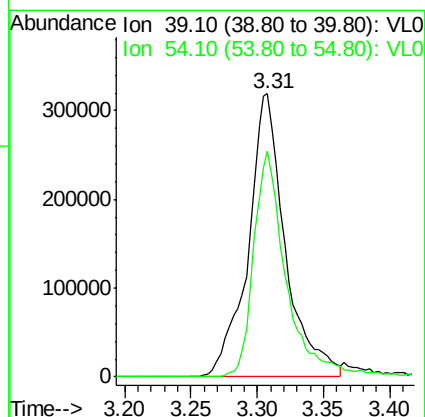
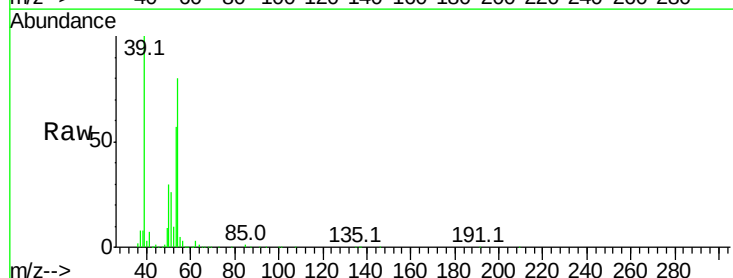
Acq: 3 Apr 2021 11:05

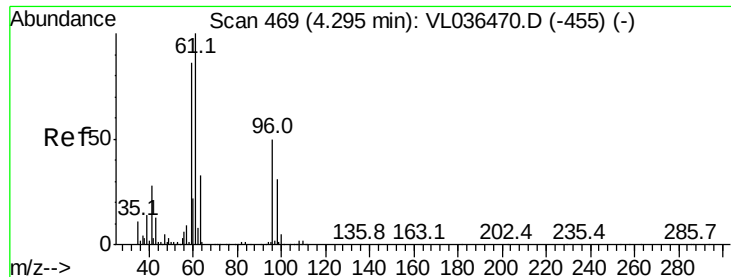
Tgt Ion: 39 Resp: 619456

Ion Ratio Lower Upper

39 100

54 71.0 58.8 88.2





#17

tert-Butyl alcohol

Concen: 8.942 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

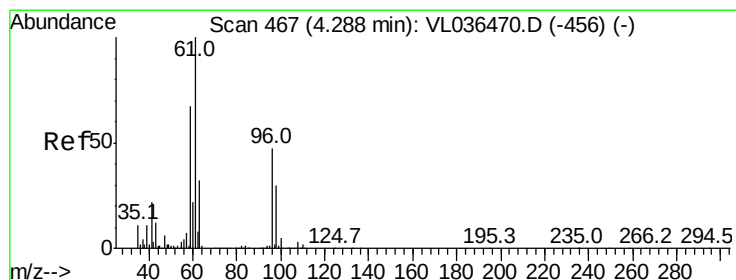
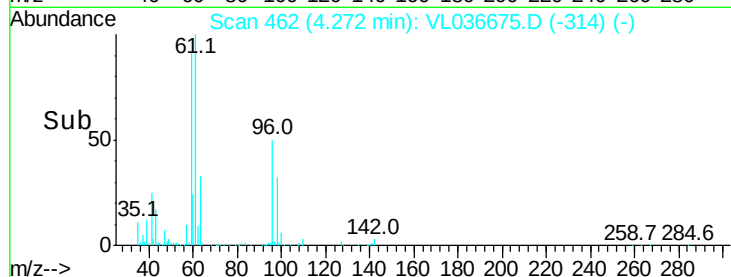
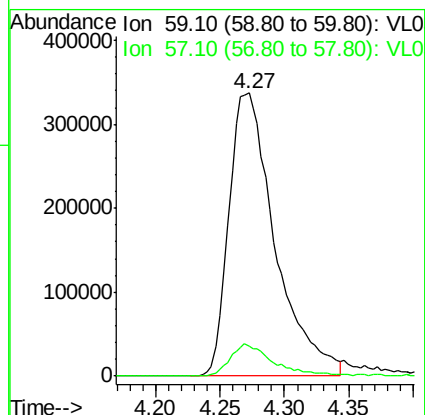
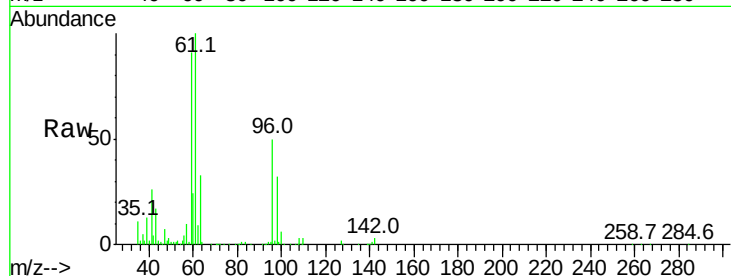
VSTDCCC010EC

Tgt Ion: 59 Resp: 839925

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



#18

1,1-Dichloroethene

Concen: 8.166 ppbv

RT: 4.27 min Scan# 460

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

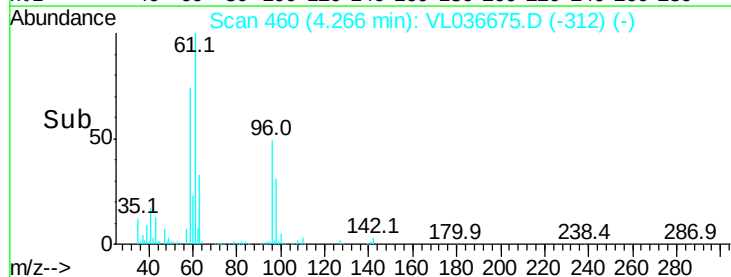
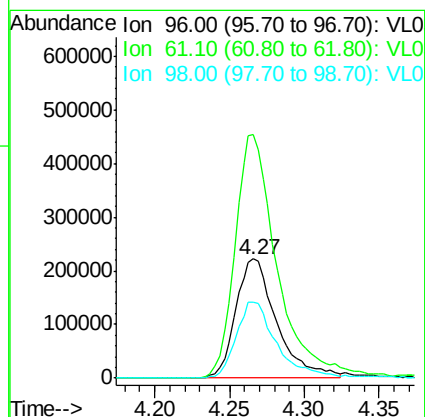
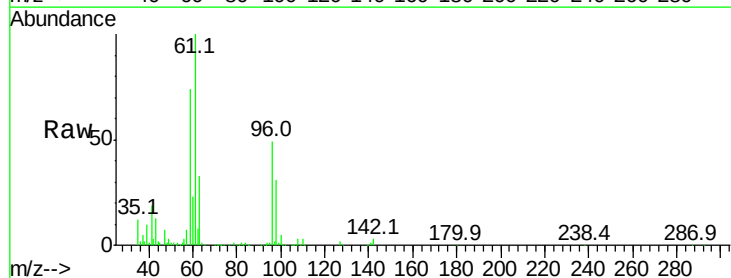
Tgt Ion: 96 Resp: 423230

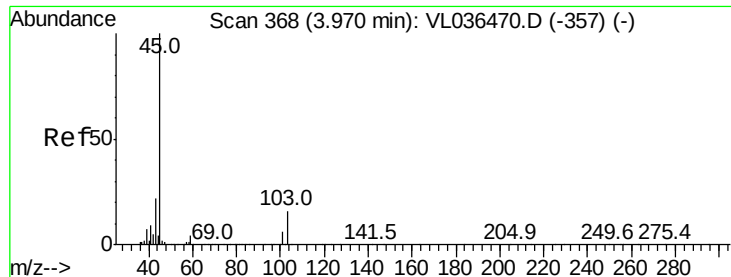
Ion Ratio Lower Upper

96 100

61 204.0 168.6 253.0

98 63.7 50.8 76.2





#19

Isopropyl Alcohol

Concen: 4.547 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

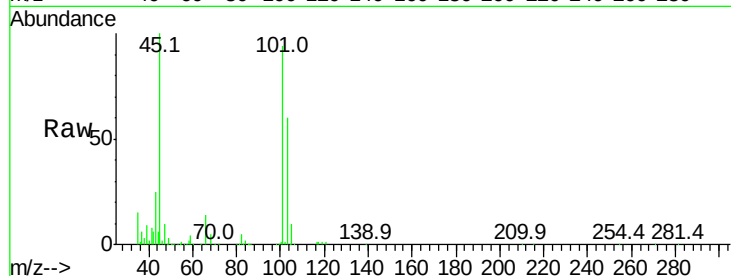
VSTDCCC010EC

Tgt Ion: 45 Resp: 269897

Ion Ratio Lower Upper

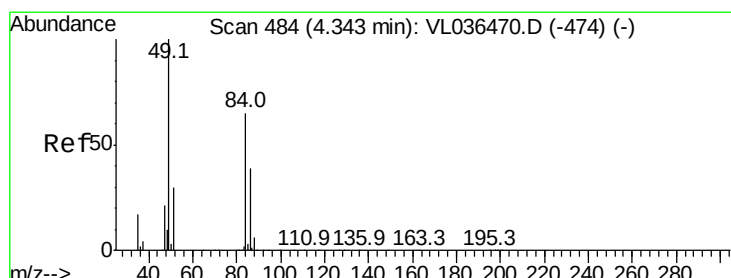
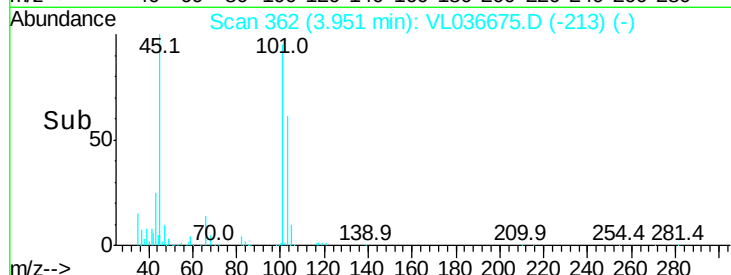
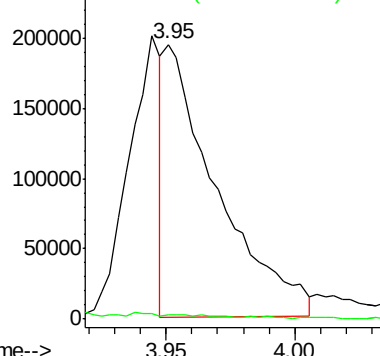
45 100

58 0.0 2.9 4.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 7.287 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion: 84 Resp: 368146

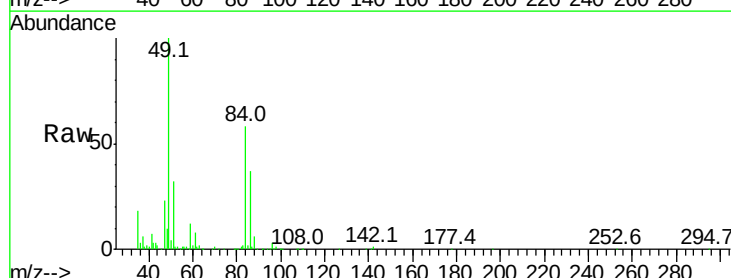
Ion Ratio Lower Upper

84 100

49 168.0 122.9 184.3

51 53.7 36.9 55.3

86 63.8 48.2 72.4

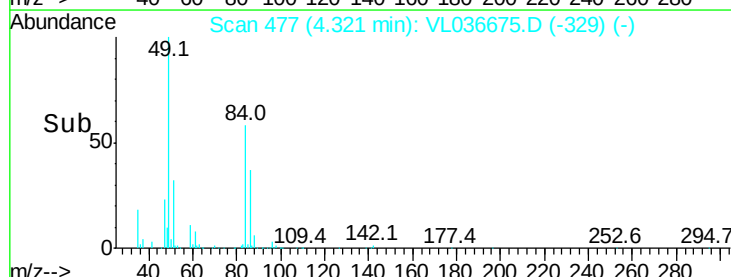
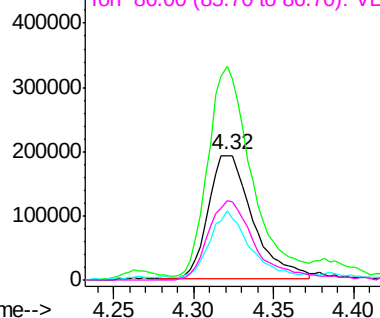


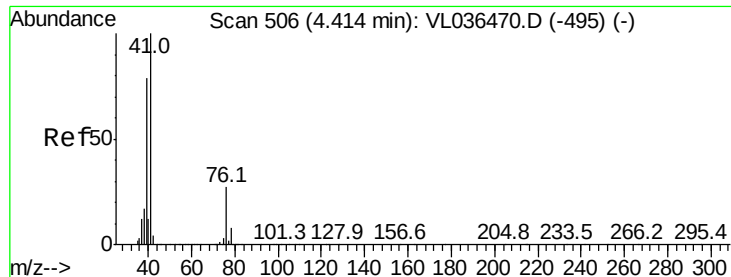
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

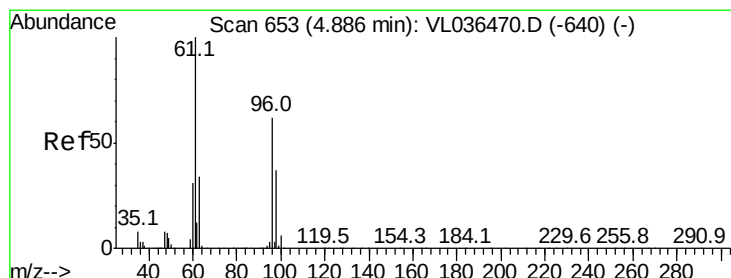
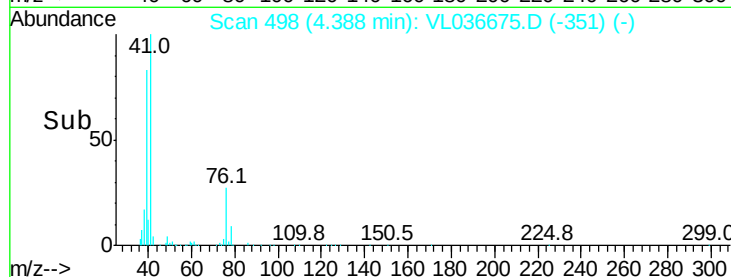
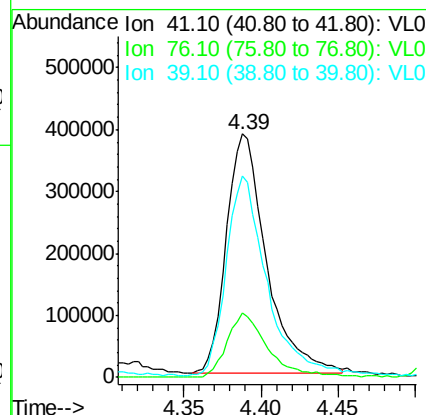
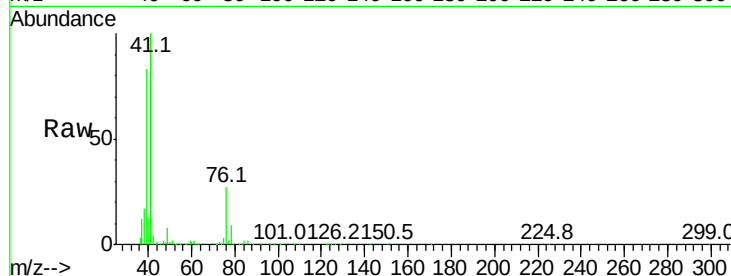




#21
 Allyl Chloride
 Concen: 8.048 ppbv
 RT: 4.39 min Scan# 498
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

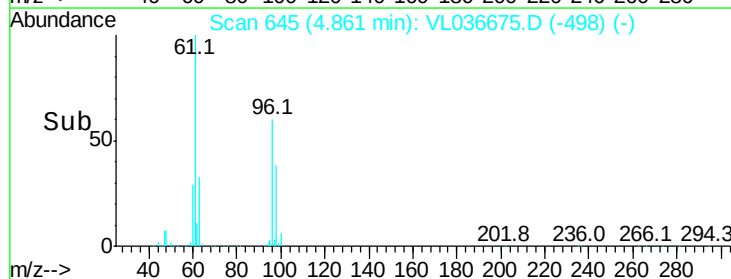
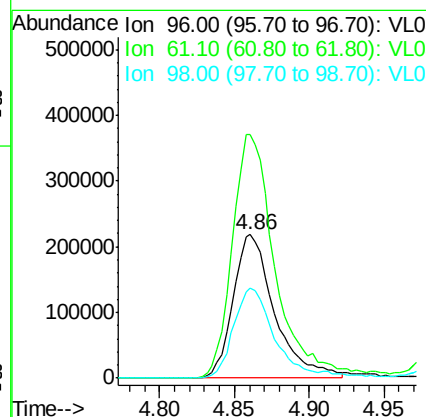
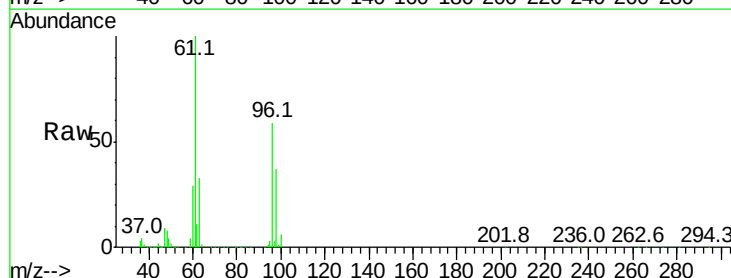
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

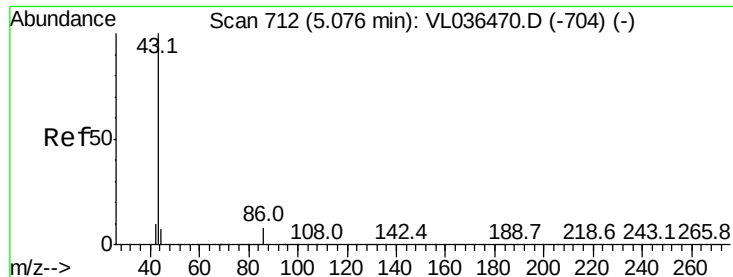
Tgt Ion: 41 Resp: 692288
 Ion Ratio Lower Upper
 41 100
 76 27.9 22.9 34.3
 39 86.2 67.3 100.9



#22
 trans-1,2-Dichloroethene
 Concen: 8.771 ppbv
 RT: 4.86 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

Tgt Ion: 96 Resp: 421421
 Ion Ratio Lower Upper
 96 100
 61 169.3 129.4 194.0
 98 62.9 48.2 72.4





#23

Vinyl Acetate

Concen: 9.167 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 1691959

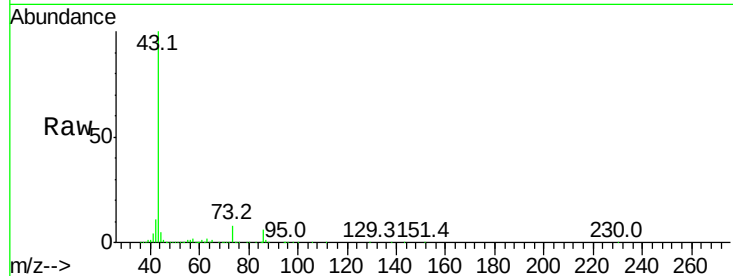
Ion Ratio Lower Upper

43 100

86 5.5 5.4 8.0

42 10.7 8.5 12.7

44 4.4 4.6 7.0#

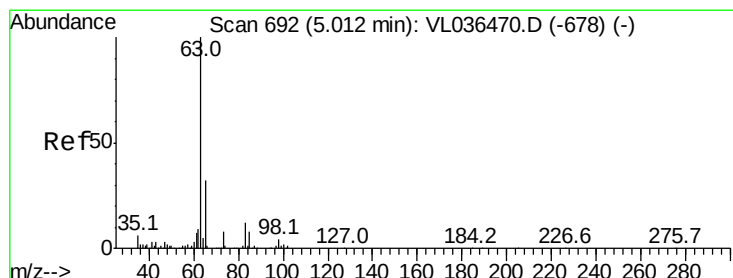
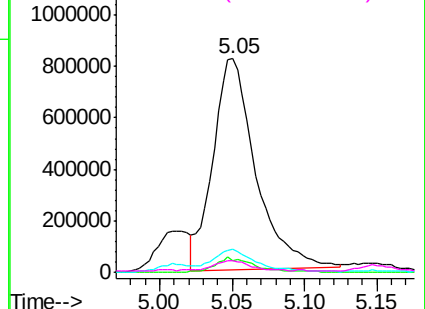
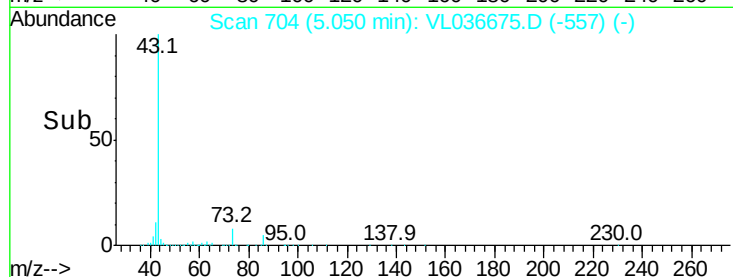


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.073 ppbv

RT: 4.99 min Scan# 685

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

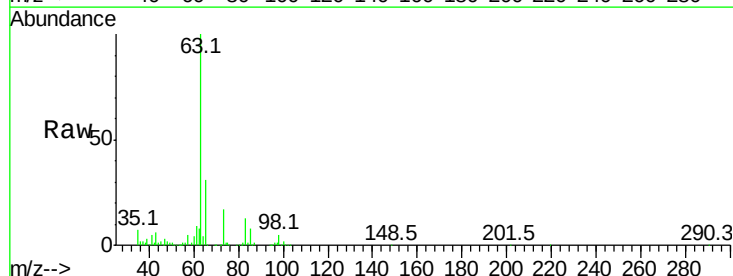
Tgt Ion: 63 Resp: 1086143

Ion Ratio Lower Upper

63 100

98 4.7 2.1 6.2

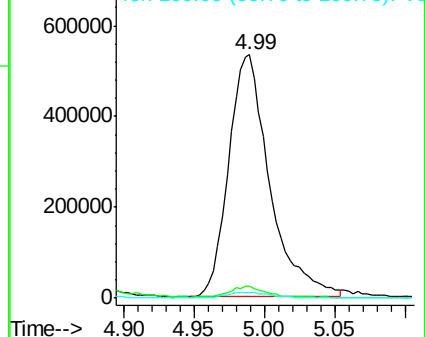
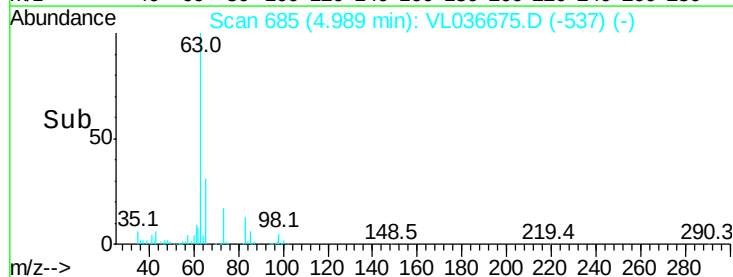
100 2.3 0.9 2.8

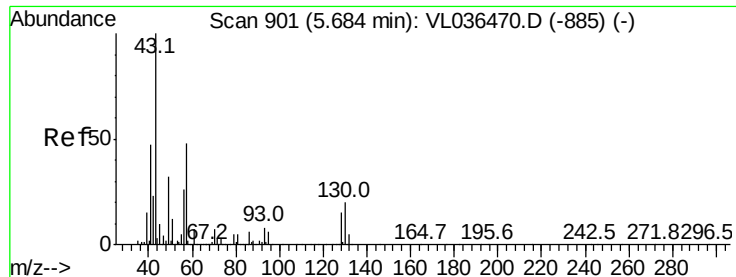


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 8.259 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2118696

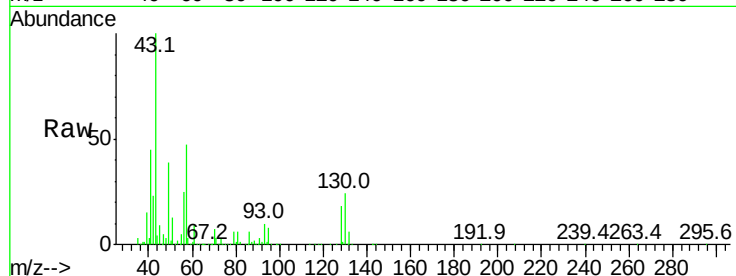
Ion Ratio Lower Upper

43 100

45 9.5 7.9 11.9

61 8.8 7.4 11.2

70 6.5 5.1 7.7

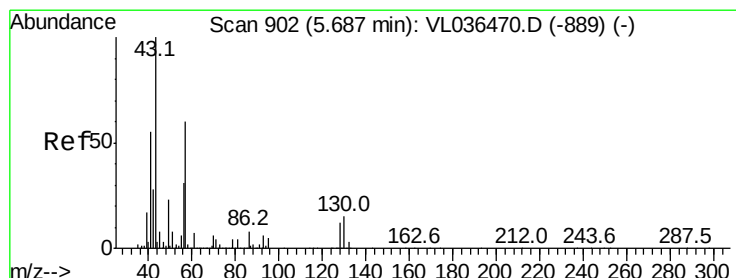
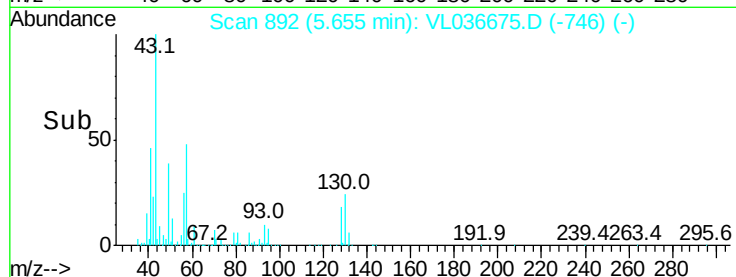
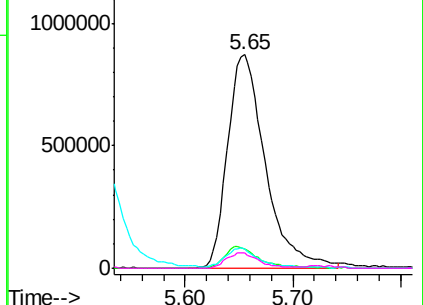


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.609 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.02 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion: 57 Resp: 1024968

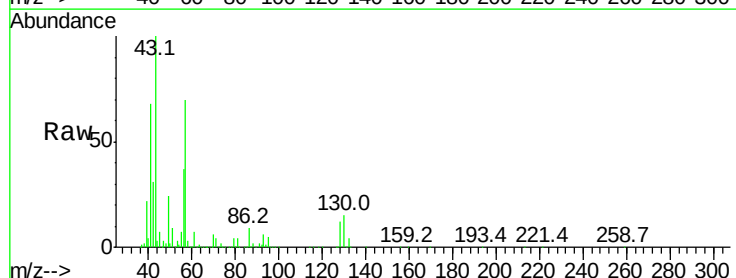
Ion Ratio Lower Upper

57 100

41 97.5 77.2 115.8

43 211.1 173.8 260.6

56 53.1 43.8 65.6

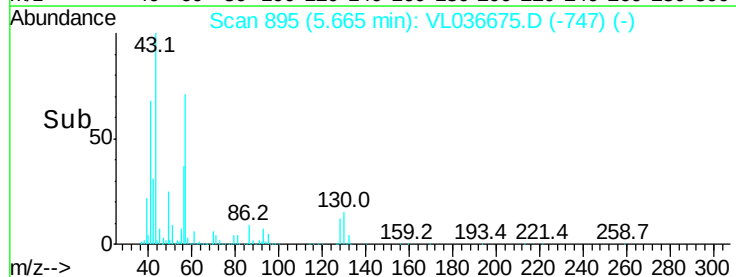
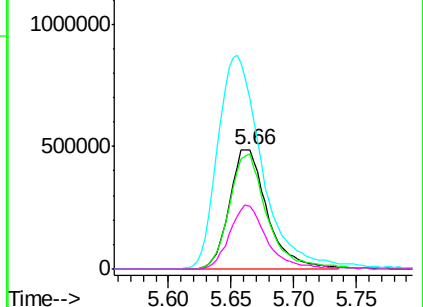


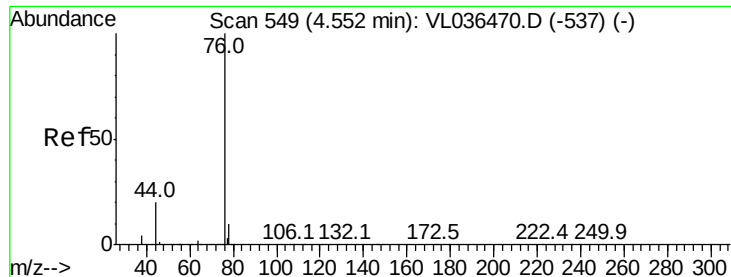
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 8.078 ppbv

RT: 4.53 min Scan# 541

Delta R.T. -0.03 min

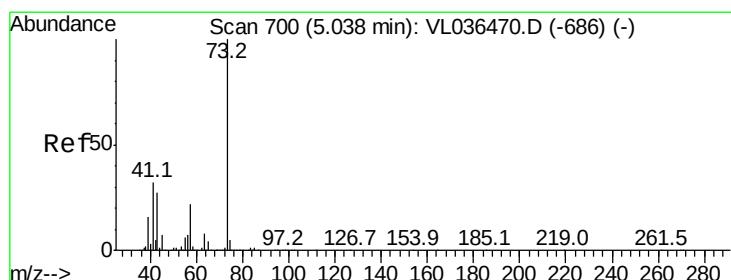
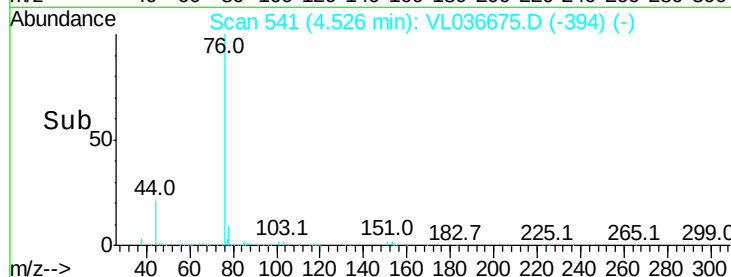
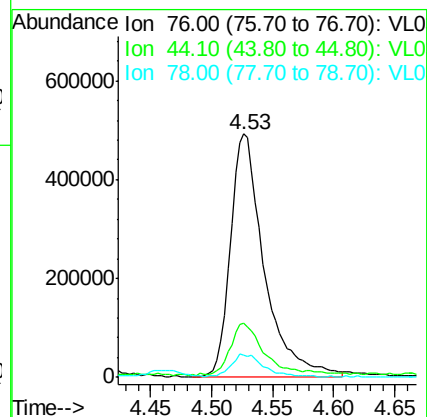
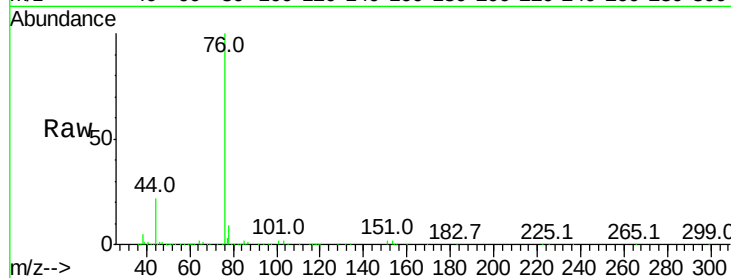
Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 947316

Ion	Ratio	Lower	Upper
76	100		
44	22.0	17.5	26.3
78	9.4	8.6	13.0



#28

Methyl tert-Butyl Ether

Concen: 8.861 ppbv

RT: 5.01 min Scan# 691

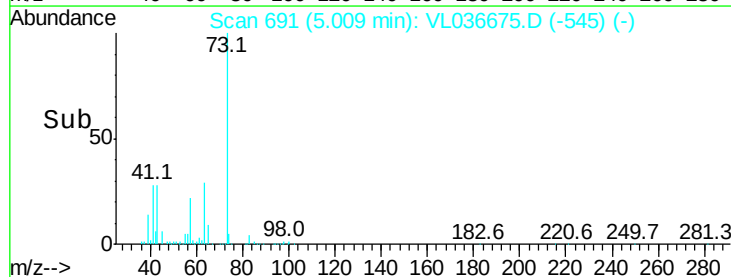
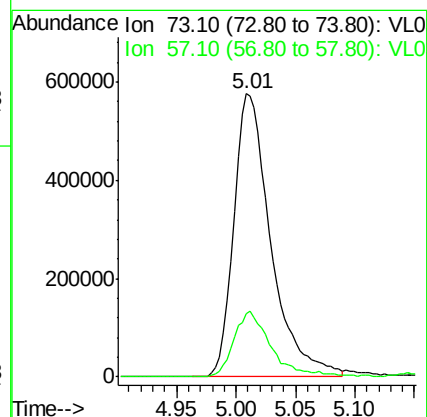
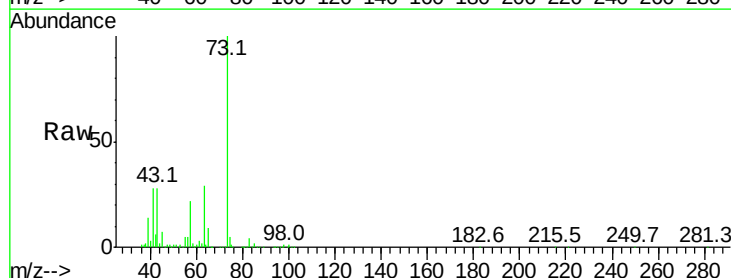
Delta R.T. -0.03 min

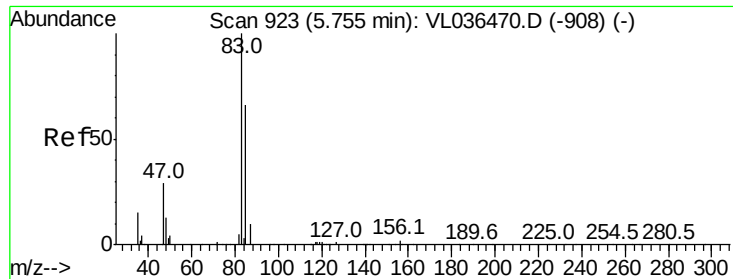
Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion: 73 Resp: 1244073

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.5	27.7

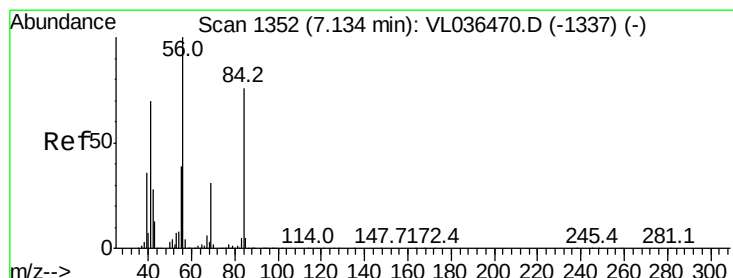
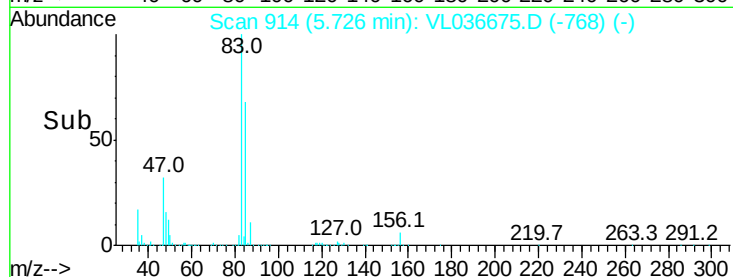
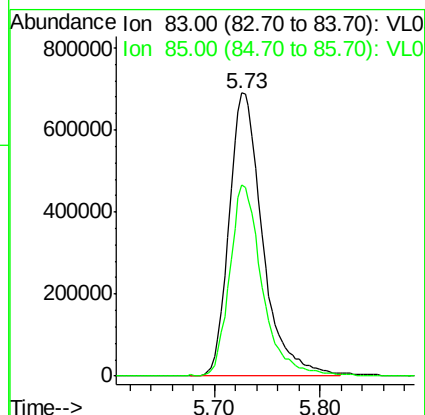
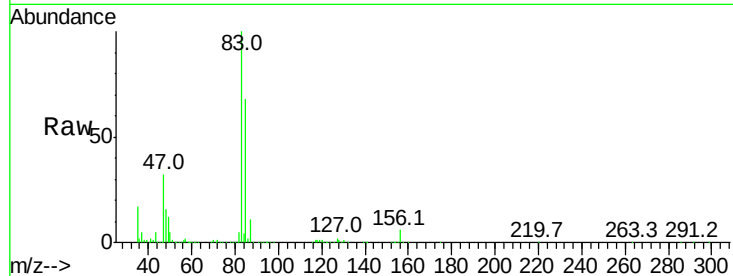




#29
Chloroform
Concen: 7.980 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

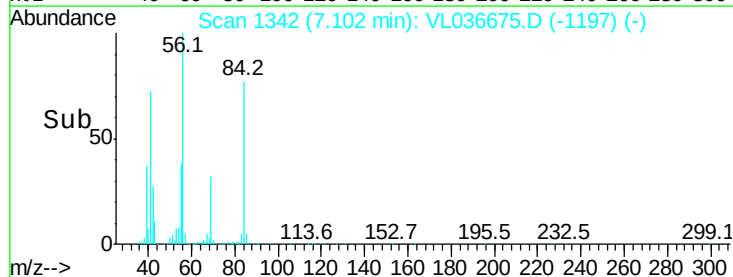
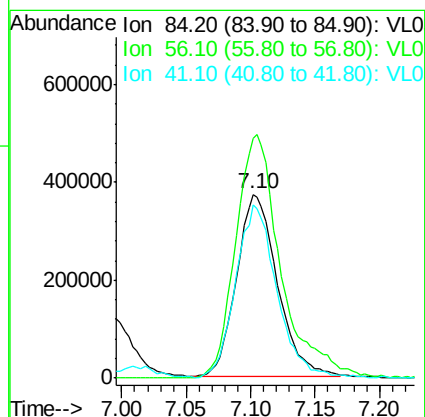
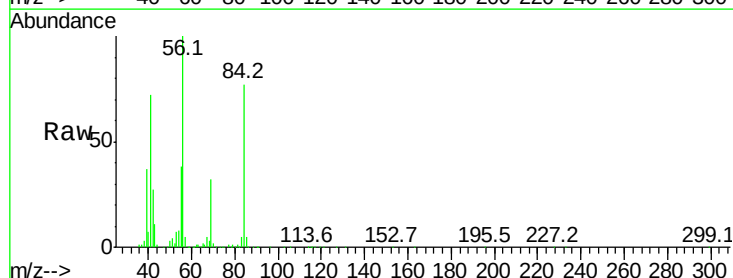
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

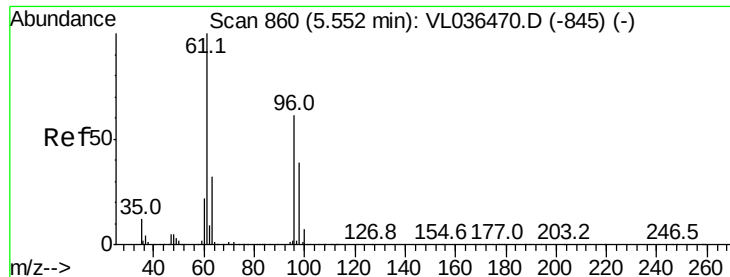
Tgt Ion: 83 Resp: 1519263
Ion Ratio Lower Upper
83 100
85 67.2 52.6 78.8



#30
Cyclohexane
Concen: 8.508 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Tgt Ion: 84 Resp: 821415
Ion Ratio Lower Upper
84 100
56 148.8 114.6 171.8
41 96.3 75.3 112.9



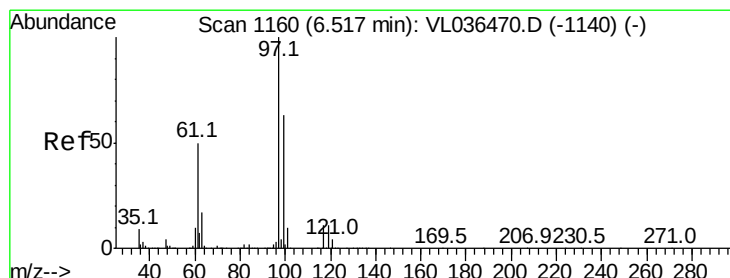
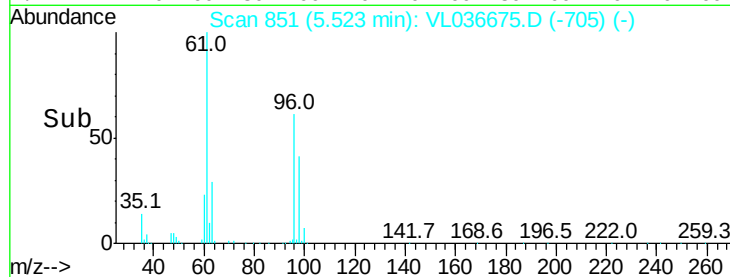
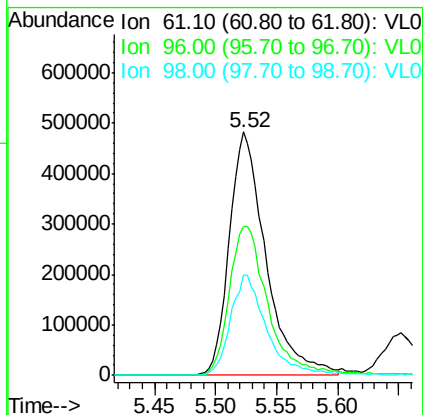
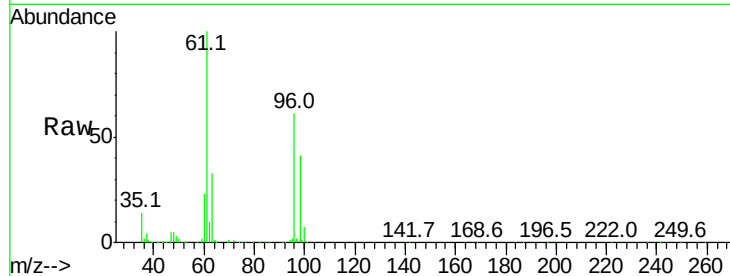


#31

cis-1,2-Dichloroethene
Concen: 8.734 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

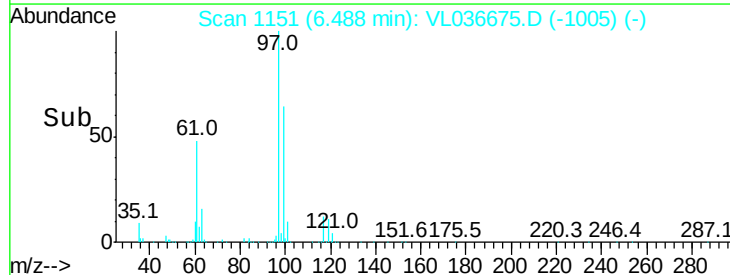
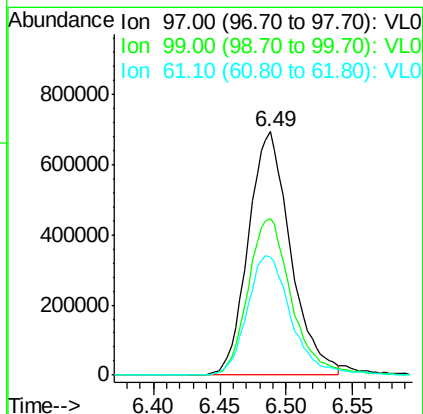
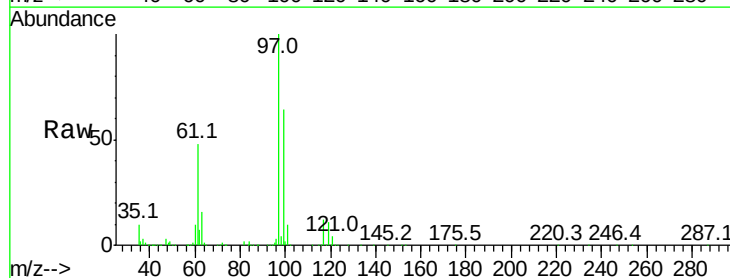
Tgt Ion: 61 Resp: 1005743
Ion Ratio Lower Upper
61 100
96 60.9 48.7 73.1
98 41.0 31.4 47.0

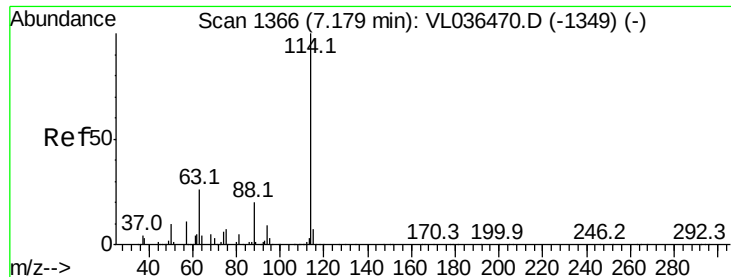


#32

1,1,1-Trichloroethane
Concen: 8.044 ppbv
RT: 6.49 min Scan# 1151
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Tgt Ion: 97 Resp: 1543505
Ion Ratio Lower Upper
97 100
99 66.3 51.4 77.0
61 51.3 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.03 min

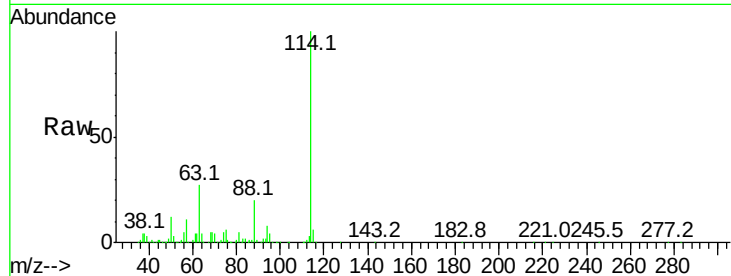
Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2904894

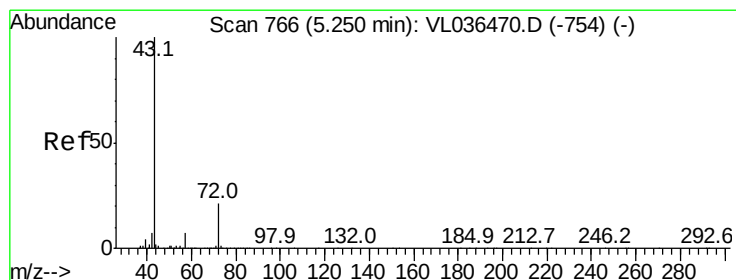
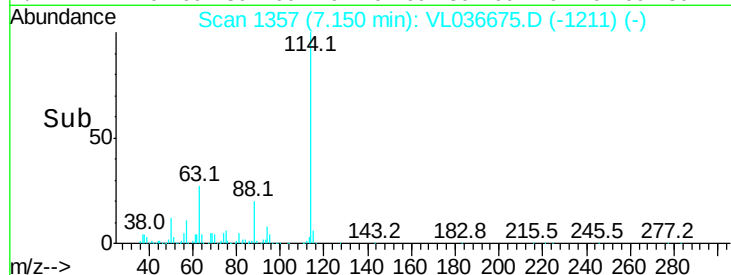
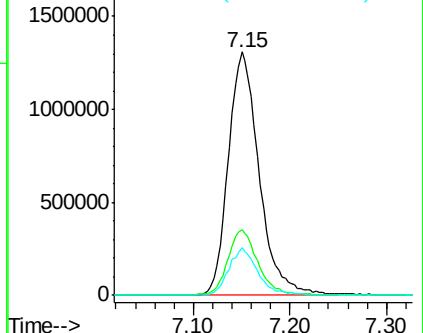
Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.4	33.6
88	18.5	15.4	23.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 7.030 ppbv

RT: 5.22 min Scan# 756

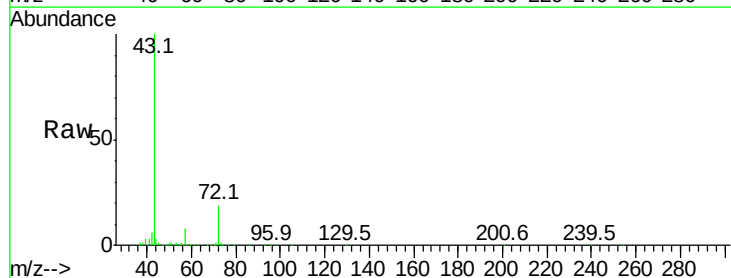
Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

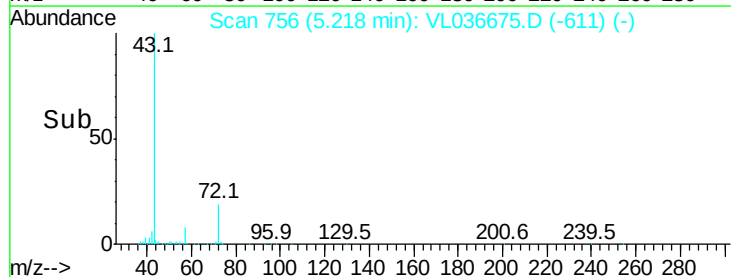
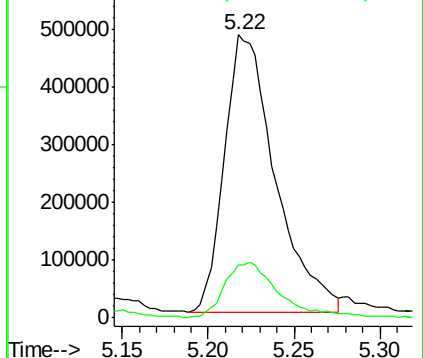
Tgt Ion: 43 Resp: 996793

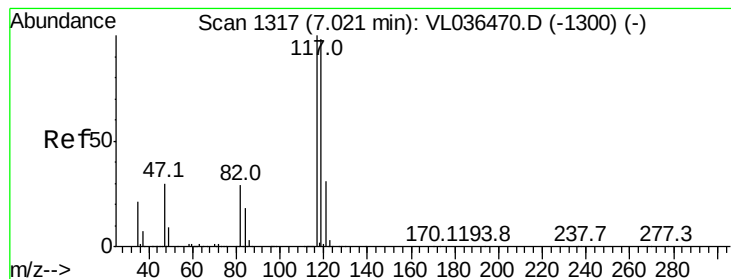
Ion	Ratio	Lower	Upper
43	100		
72	21.4	17.0	25.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 7.258 ppbv

RT: 6.99 min Scan# 1308

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

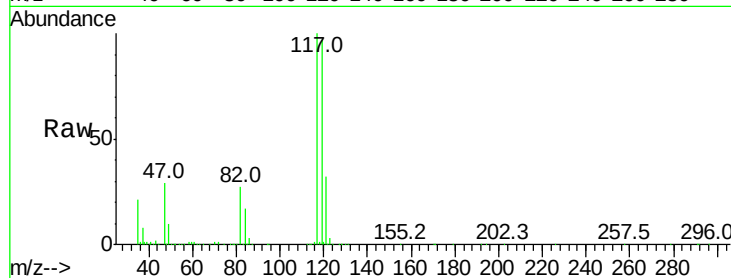
Tgt Ion:117 Resp: 1619404

Ion Ratio Lower Upper

117 100

119 96.5 78.2 117.2

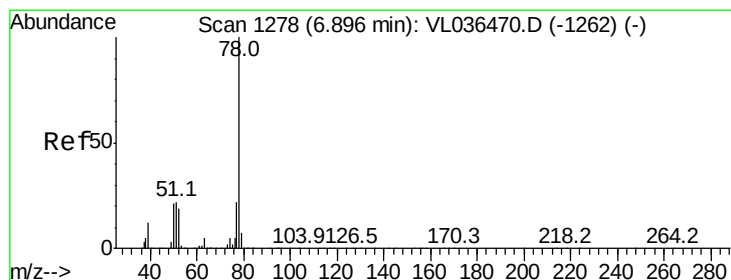
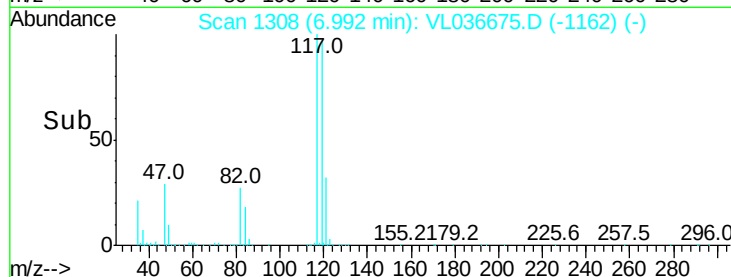
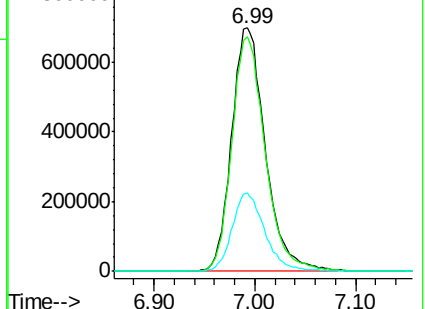
121 32.4 24.5 36.7



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: 7.595 ppbv

RT: 6.87 min Scan# 1269

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

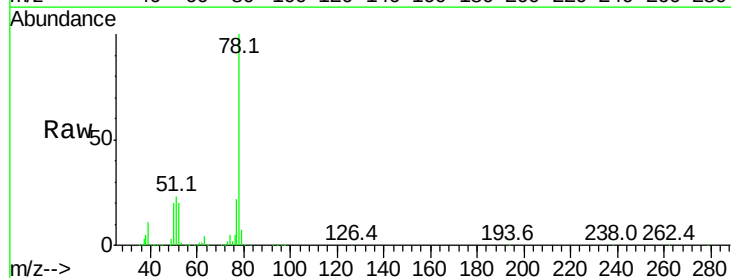
Tgt Ion: 78 Resp: 2034834

Ion Ratio Lower Upper

78 100

77 22.4 18.0 27.0

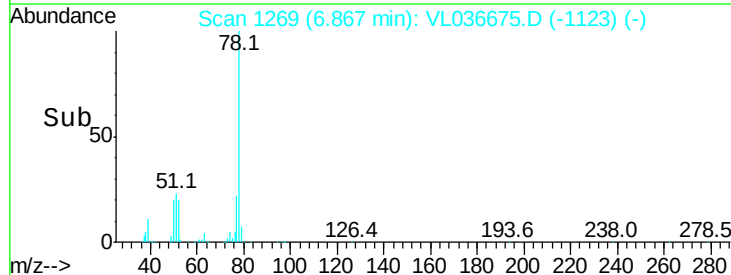
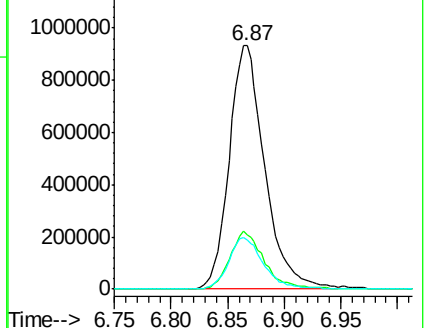
50 20.2 16.5 24.7

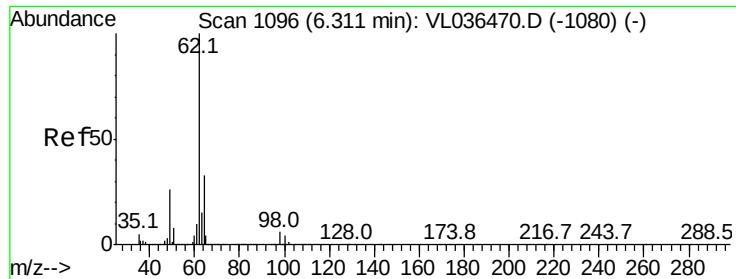


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

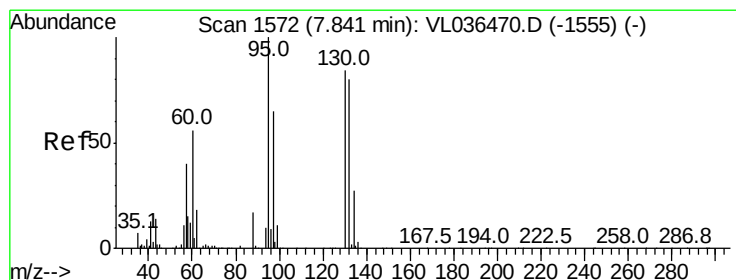
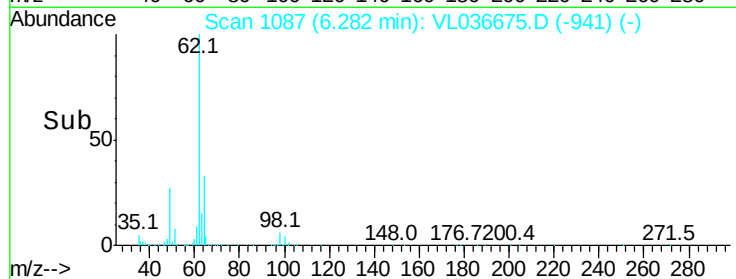
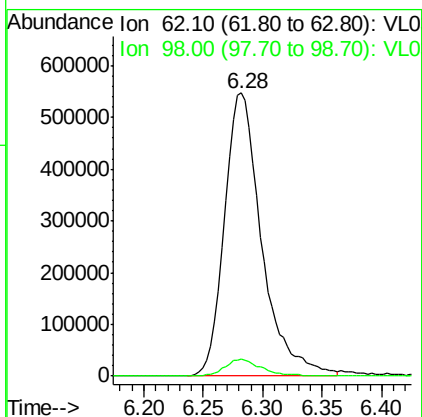
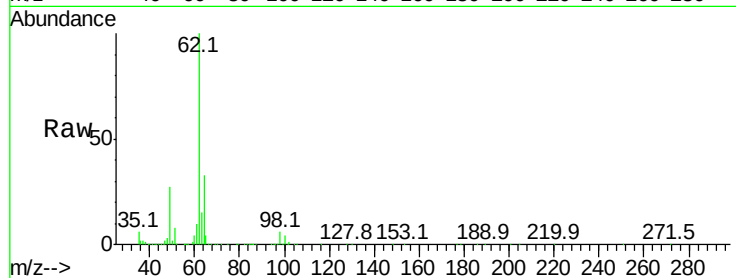




#37
 1,2-Dichloroethane
 Concen: 7.527 ppbv
 RT: 6.28 min Scan# 1087
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

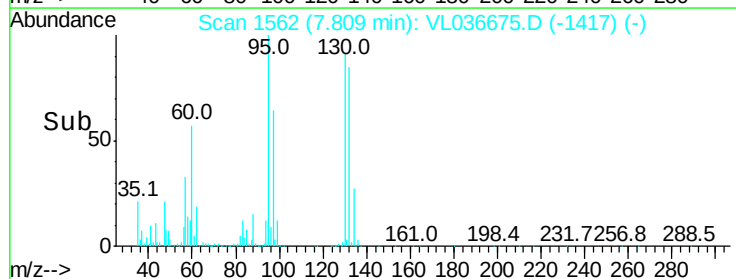
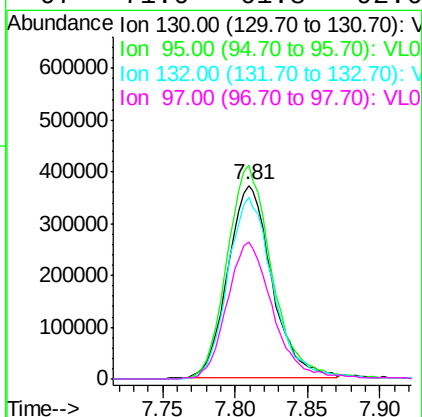
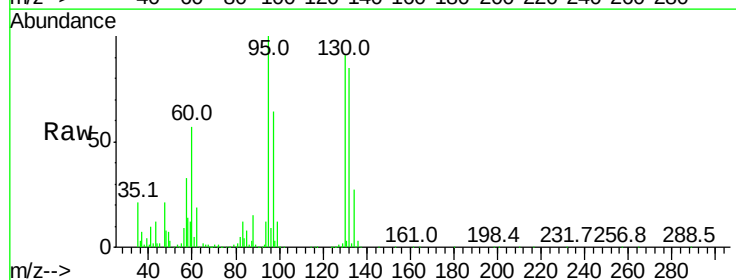
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

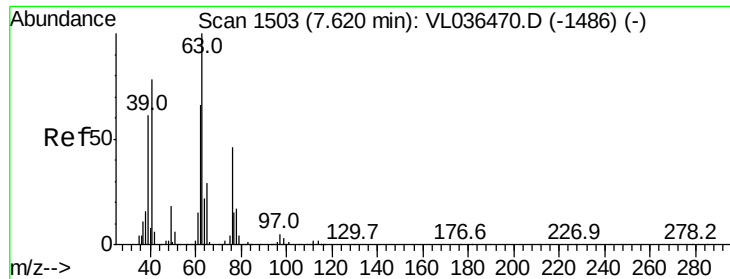
Tgt Ion: 62 Resp: 1186909
 Ion Ratio Lower Upper
 62 100
 98 6.1 4.9 7.3



#38
 Trichloroethene
 Concen: 7.451 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

Tgt Ion: 130 Resp: 776882
 Ion Ratio Lower Upper
 130 100
 95 110.7 95.7 143.5
 132 94.0 76.2 114.4
 97 71.0 61.8 92.6





#39

1,2-Dichloropropane

Concen: 7.461 ppbv

RT: 7.59 min Scan# 1494

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

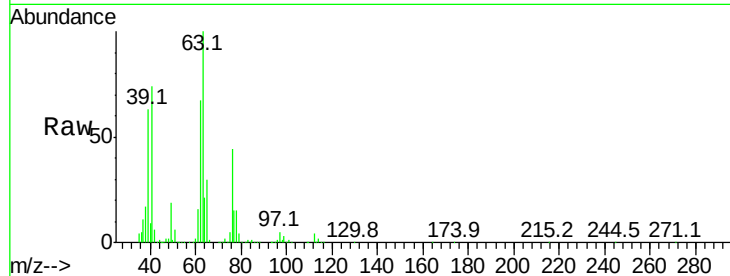
Tgt Ion: 63 Resp: 810849

Ion Ratio Lower Upper

63 100

41 73.1 62.4 93.6

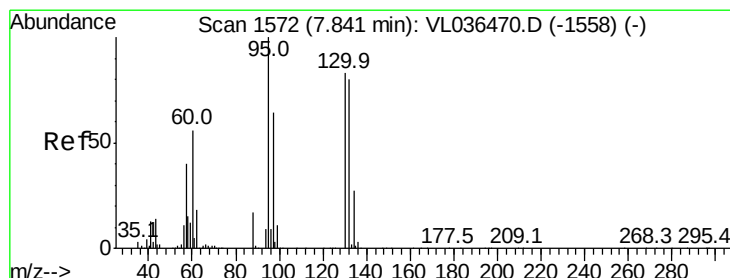
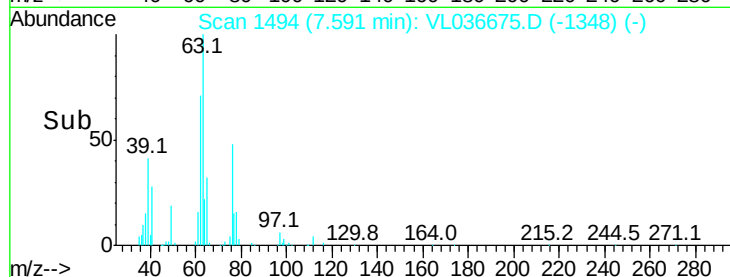
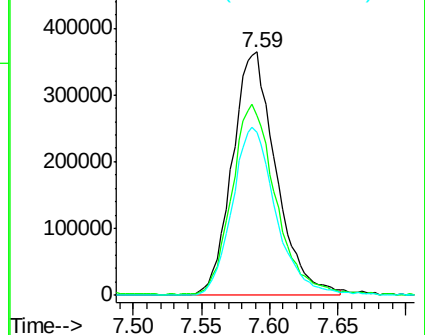
62 66.6 52.8 79.2



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: 6.029 ppbv

RT: 7.81 min Scan# 1561

Delta R.T. -0.04 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion: 88 Resp: 152495

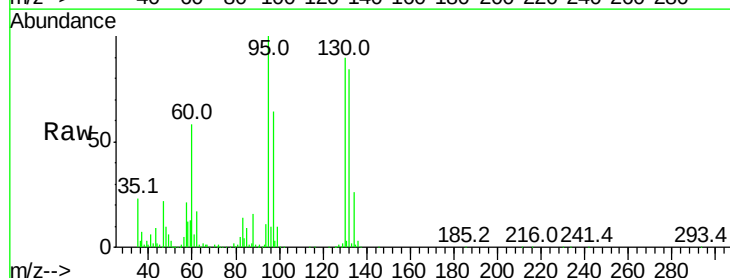
Ion Ratio Lower Upper

88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#

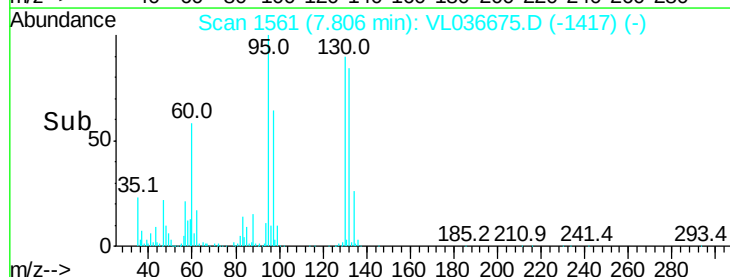
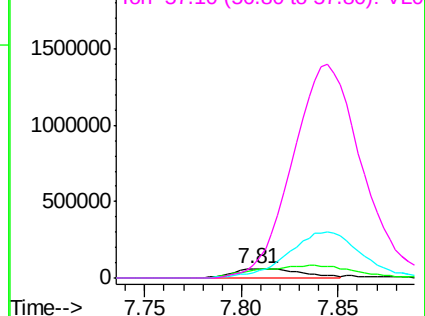


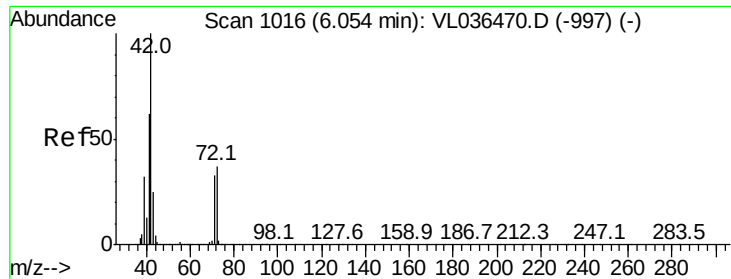
Abundance Ion 88.10 (87.80 to 88.80): VL0

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

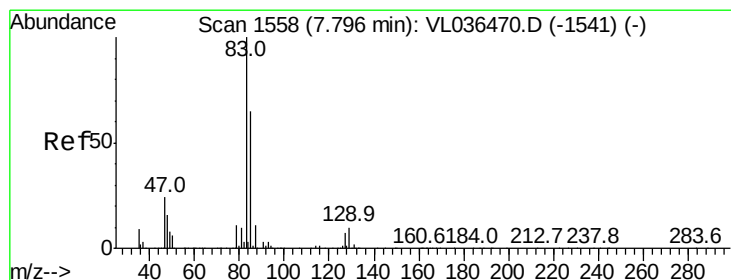
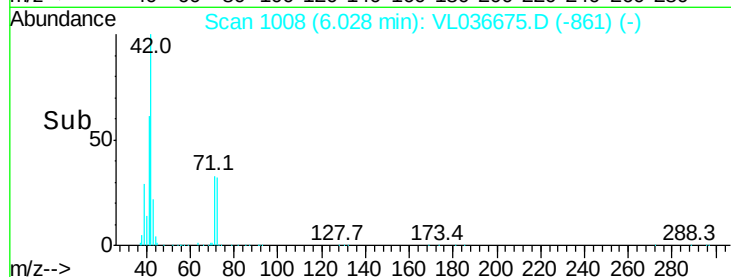
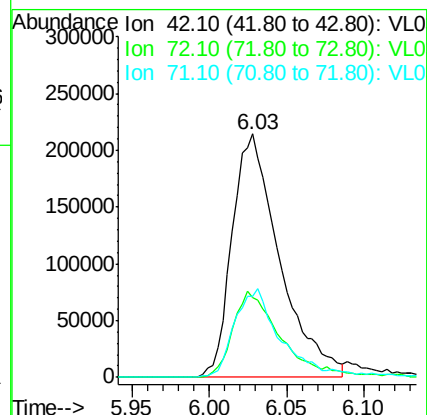
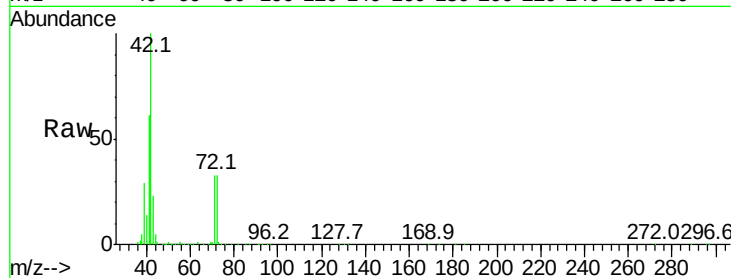




#41
Tetrahydrofuran
Concen: 6.945 ppbv
RT: 6.03 min Scan# 1008
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

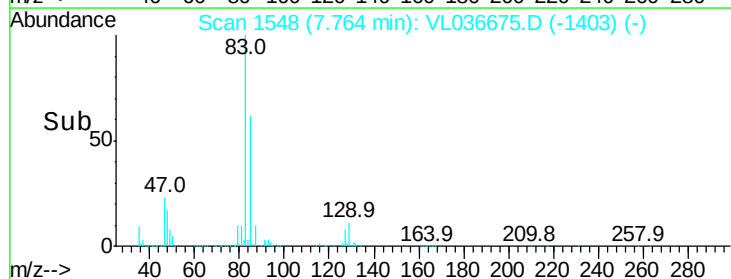
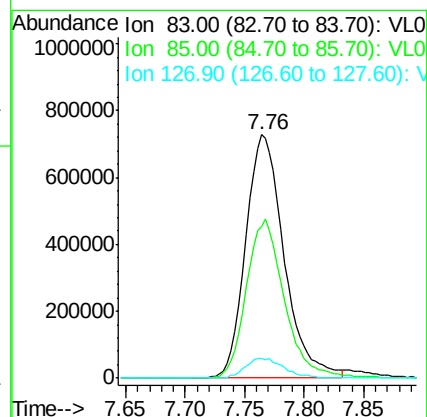
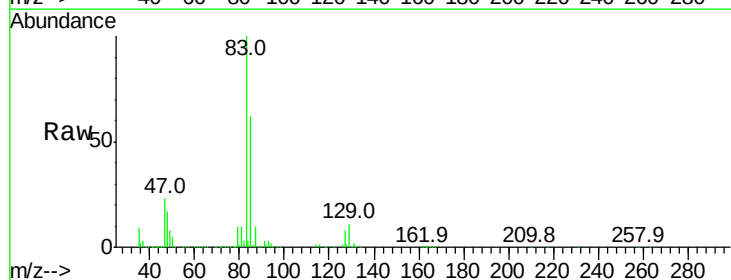
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

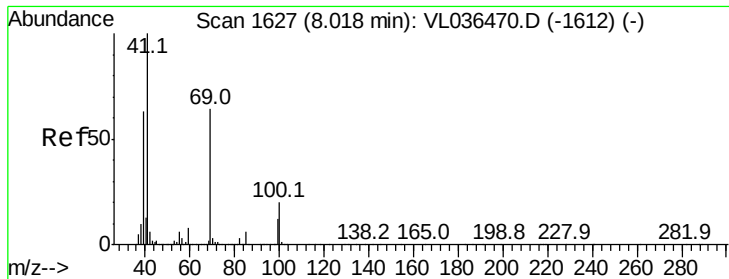
Tgt Ion: 42 Resp: 454063
Ion Ratio Lower Upper
42 100
72 37.0 27.6 41.4
71 37.3 27.0 40.4



#42
Bromodichloromethane
Concen: 7.599 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Tgt Ion: 83 Resp: 1629854
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6
127 8.0 5.8 8.8

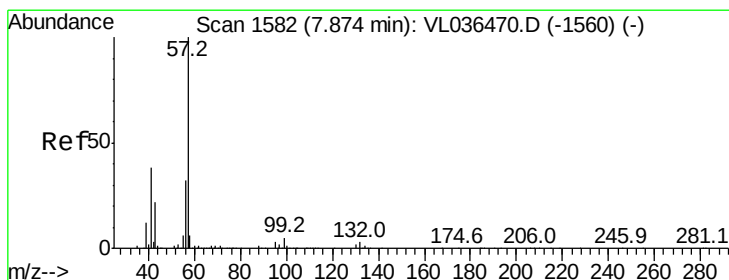
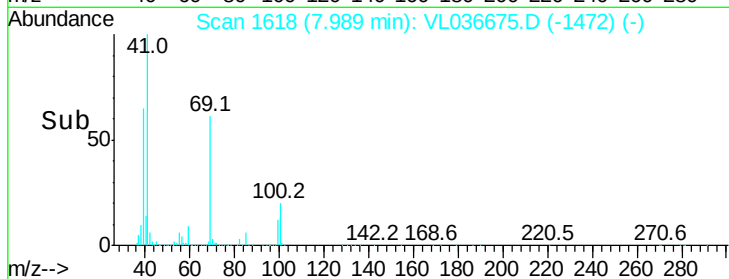
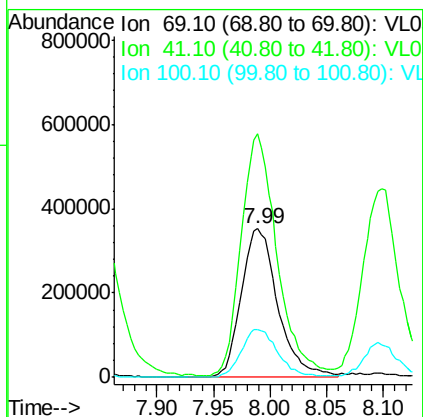
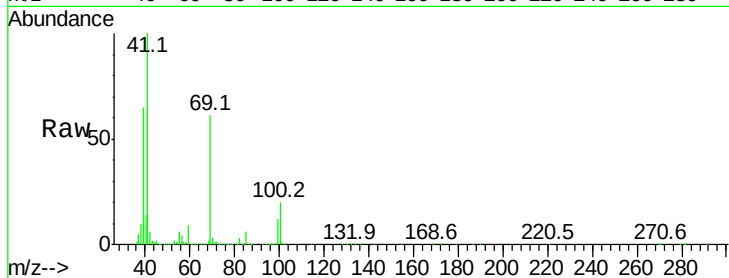




#43
Methyl Methacrylate
Concen: 8.846 ppbv
RT: 7.99 min Scan# 1618
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

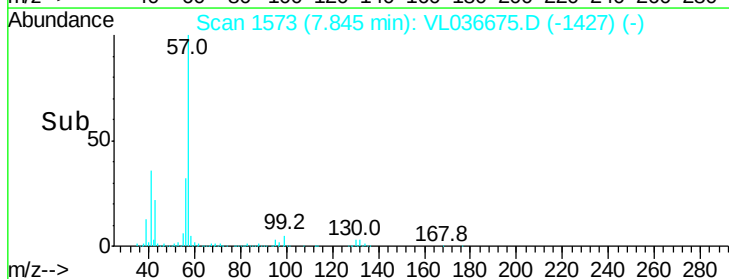
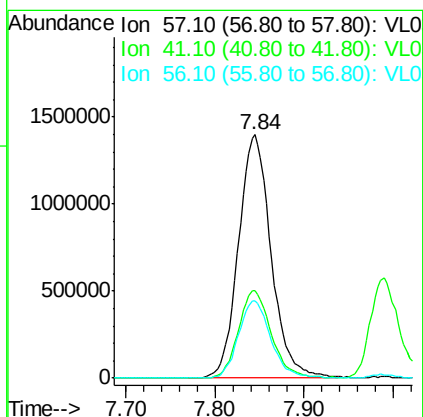
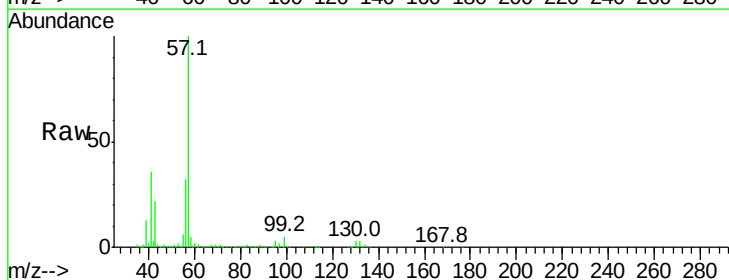
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

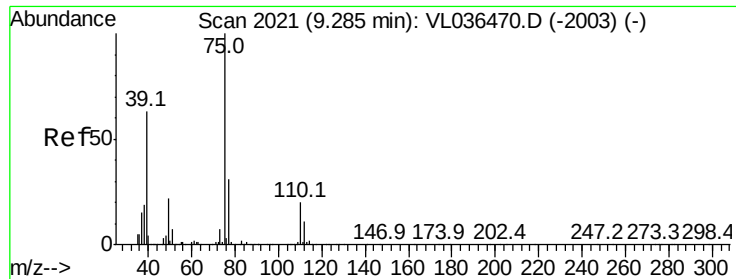
Tgt Ion: 69 Resp: 795788
Ion Ratio Lower Upper
69 100
41 161.9 126.8 190.2
100 32.6 24.9 37.3



#44
2,2,4-Trimethylpentane
Concen: 7.554 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Tgt Ion: 57 Resp: 3561934
Ion Ratio Lower Upper
57 100
41 36.1 28.8 43.2
56 31.5 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 7.406 ppbv

RT: 9.26 min Scan# 2012

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

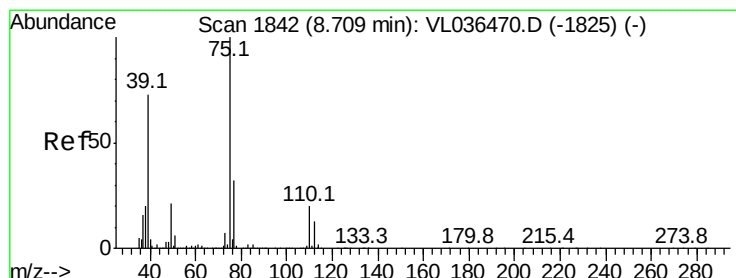
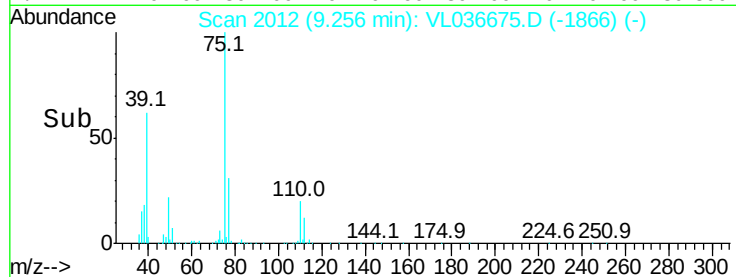
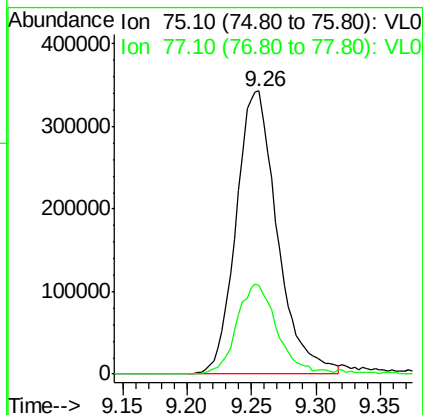
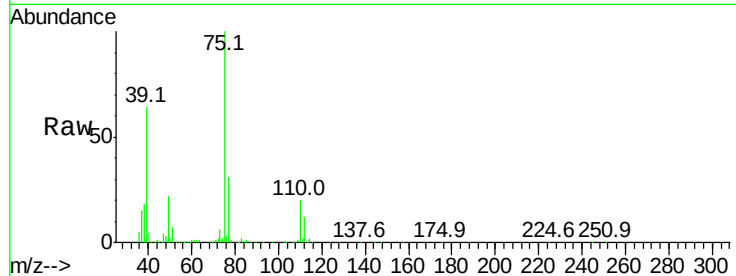
VSTDCCC010EC

Tgt Ion: 75 Resp: 760774

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#46

cis-1,3-Dichloropropene

Concen: 7.150 ppbv

RT: 8.68 min Scan# 1832

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

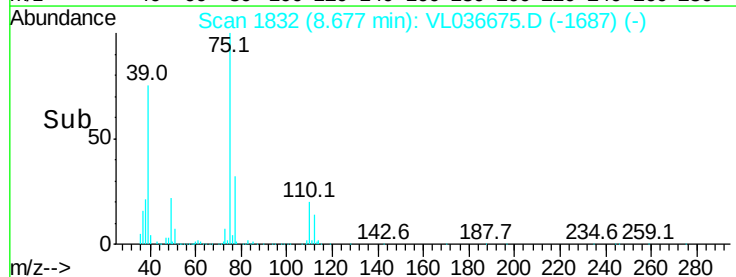
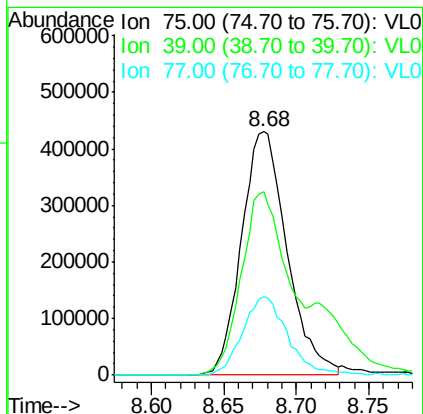
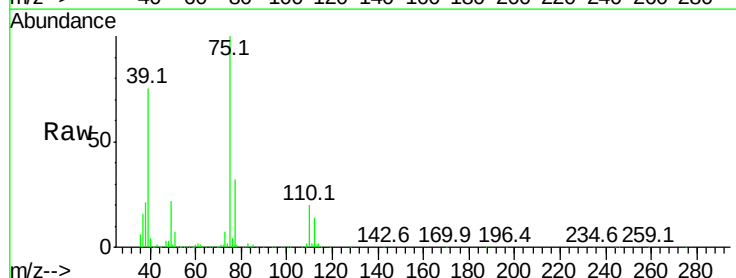
Tgt Ion: 75 Resp: 938861

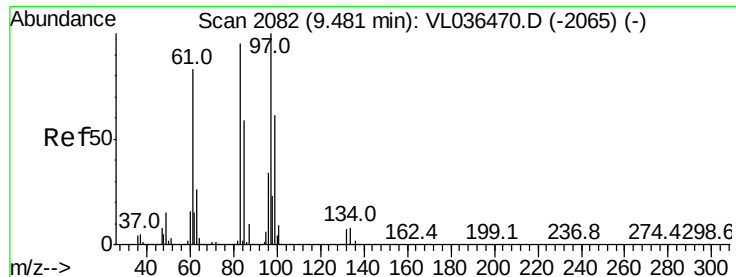
Ion Ratio Lower Upper

75 100

39 75.1 58.2 87.2

77 32.0 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 7.471 ppbv

RT: 9.45 min Scan# 2072

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 822337

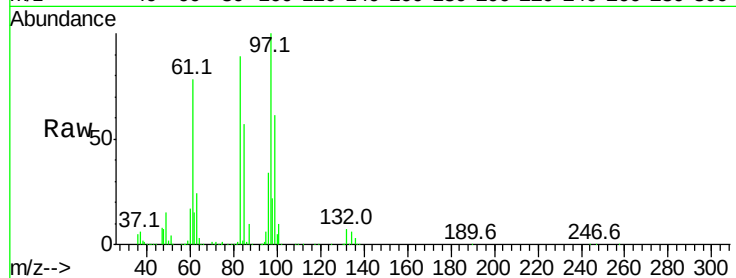
Ion Ratio Lower Upper

97 100

83 88.8 75.8 113.8

85 57.0 47.1 70.7

99 61.2 49.2 73.8

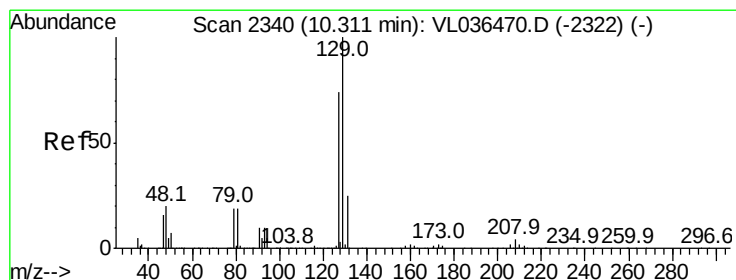
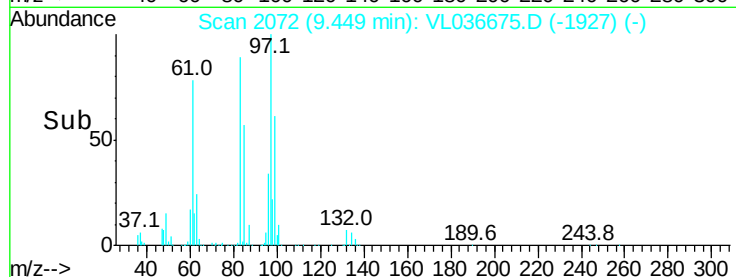
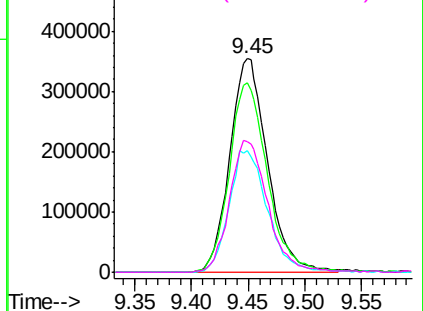


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 8.366 ppbv

RT: 10.28 min Scan# 2330

Delta R.T. -0.03 min

Lab File: VL036675.D

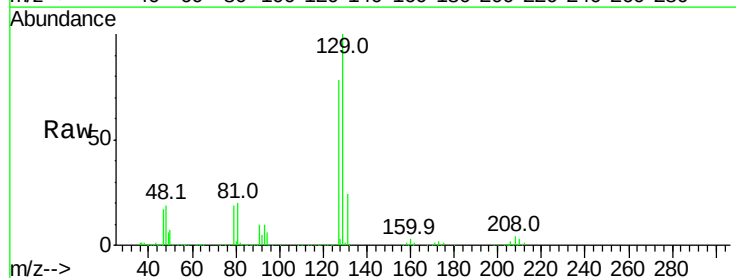
Acq: 3 Apr 2021 11:05

Tgt Ion: 129 Resp: 1403788

Ion Ratio Lower Upper

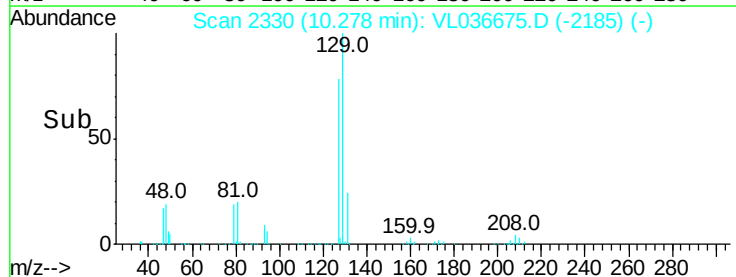
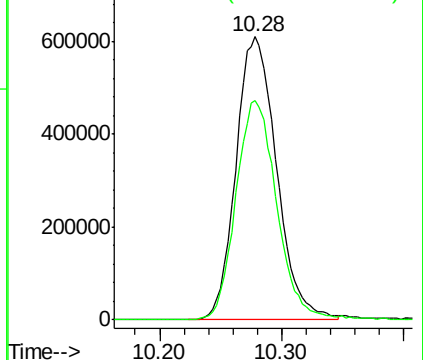
129 100

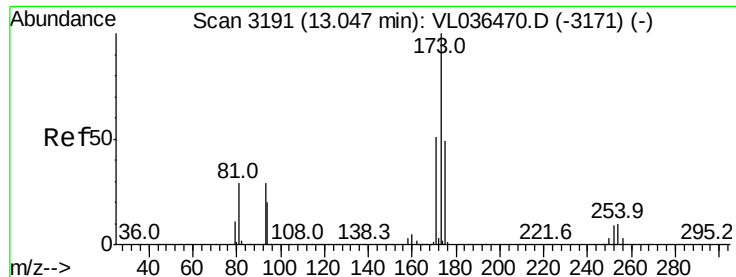
127 78.5 39.6 118.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 8.706 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

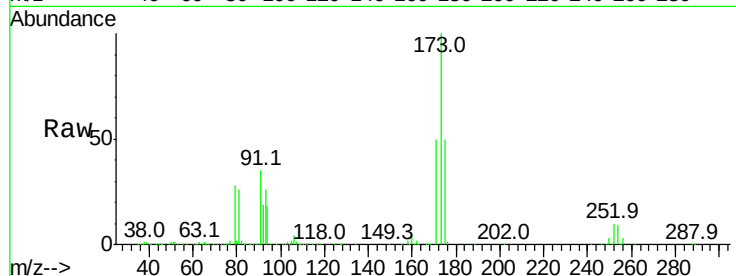
Tgt Ion:173 Resp: 1177160

Ion Ratio Lower Upper

173 100

175 49.6 39.6 59.4

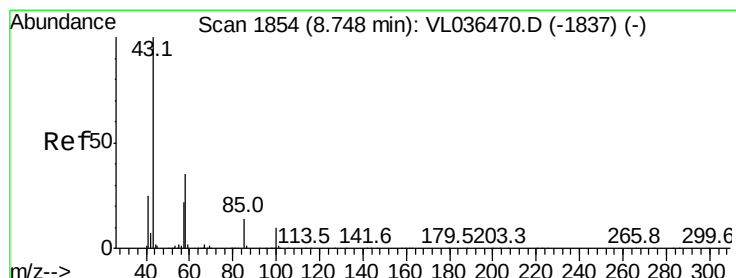
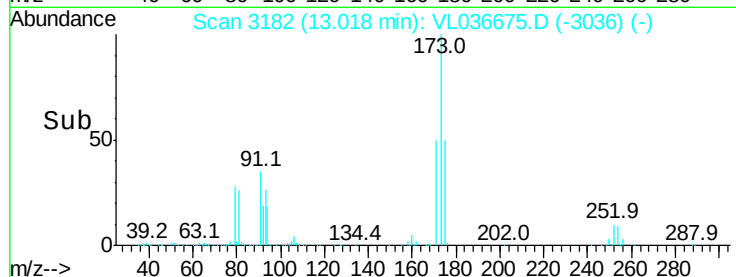
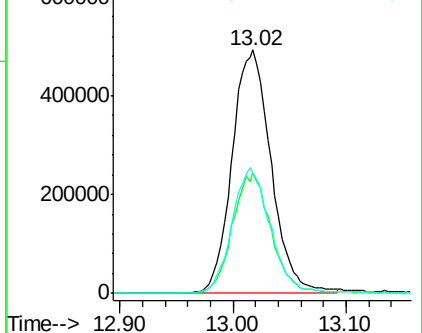
171 51.7 41.4 62.0



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: 7.307 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. -0.03 min

Lab File: VL036675.D

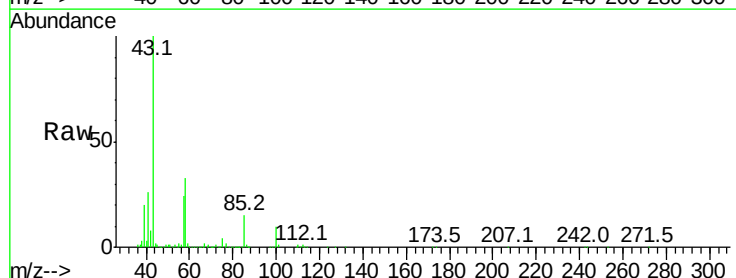
Acq: 3 Apr 2021 11:05

Tgt Ion: 43 Resp: 1499234

Ion Ratio Lower Upper

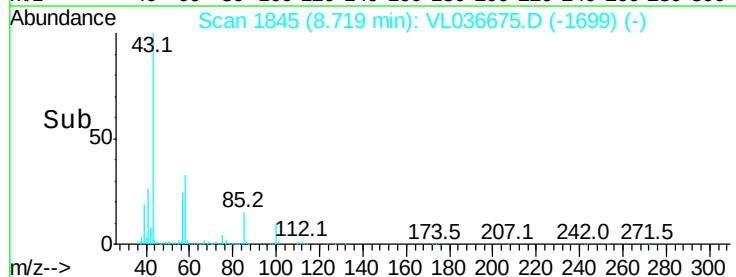
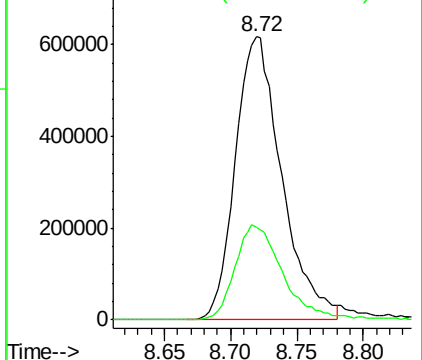
43 100

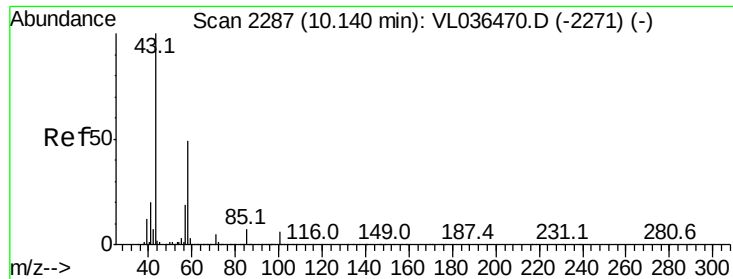
58 35.1 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 8.372 ppbv

RT: 10.11 min Scan# 2279

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

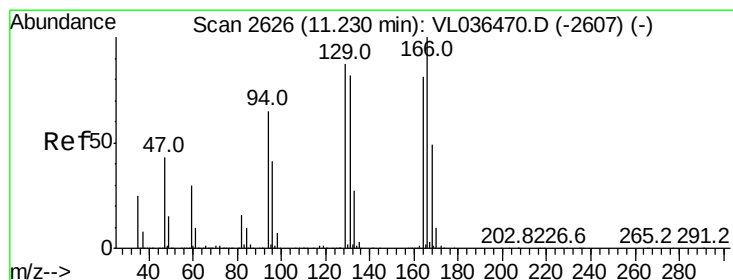
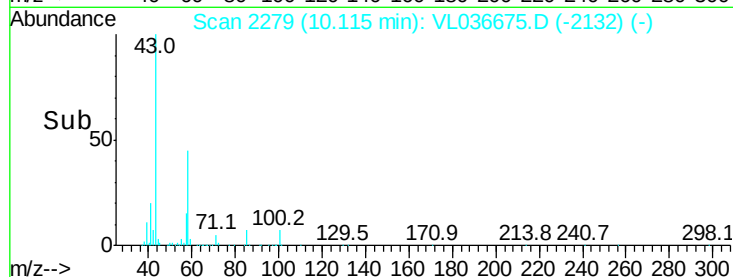
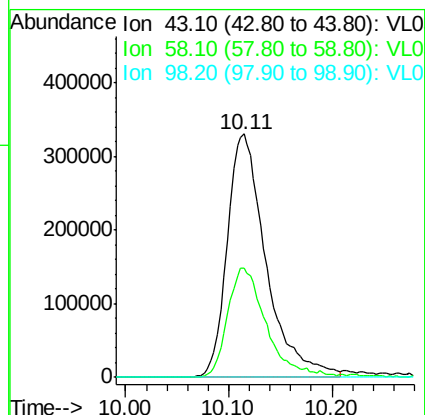
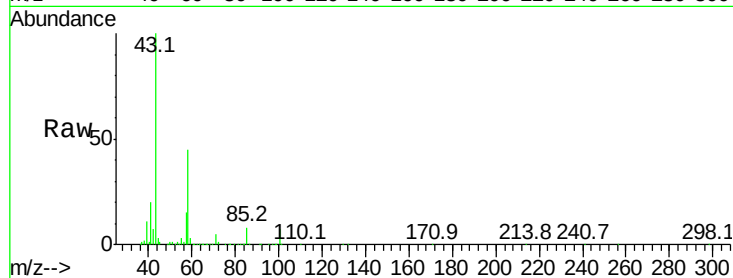
Tgt Ion: 43 Resp: 866811

Ion Ratio Lower Upper

43 100

58 45.9 37.7 56.5

98 0.2 0.2 0.2



#52

Tetrachloroethene

Concen: 8.058 ppbv

RT: 11.20 min Scan# 2616

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion: 164 Resp: 794934

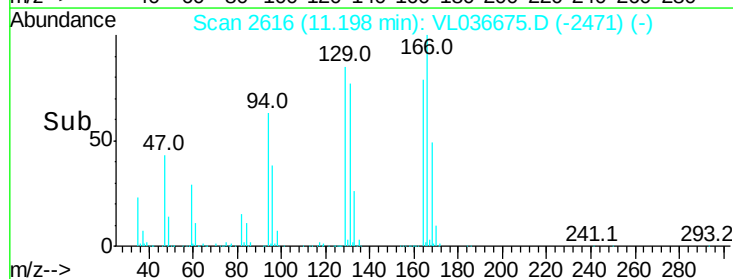
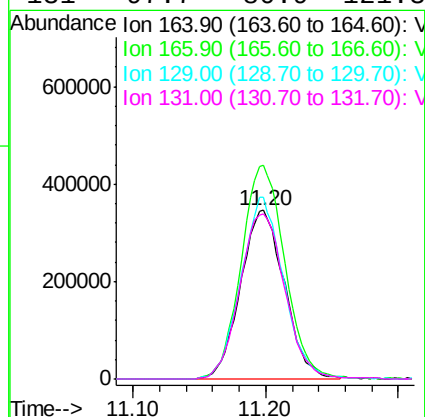
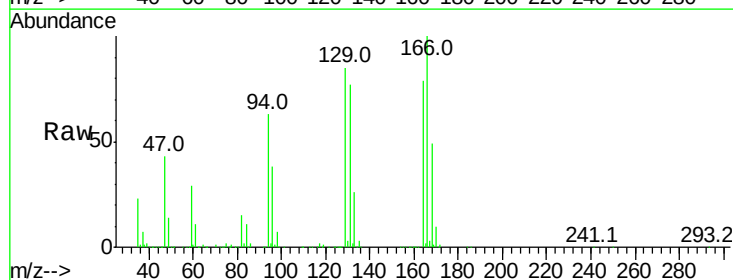
Ion Ratio Lower Upper

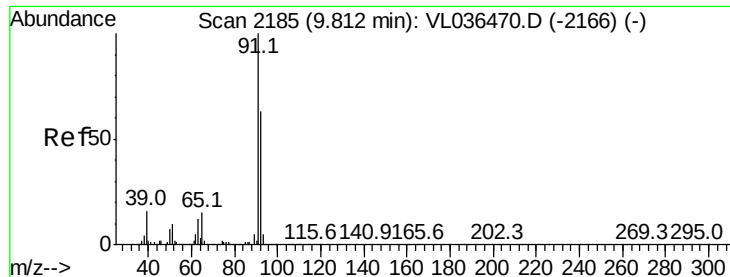
164 100

166 126.6 98.3 147.5

129 107.2 85.8 128.8

131 97.7 80.9 121.3





#53

Toluene

Concen: 8.384 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

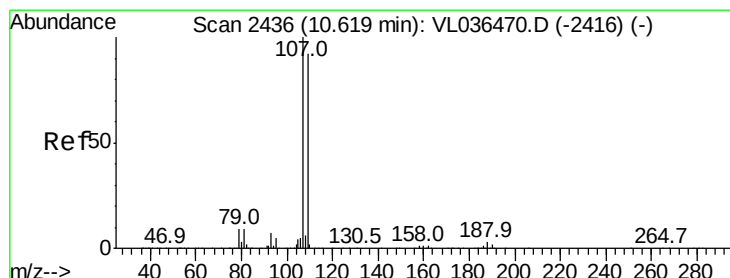
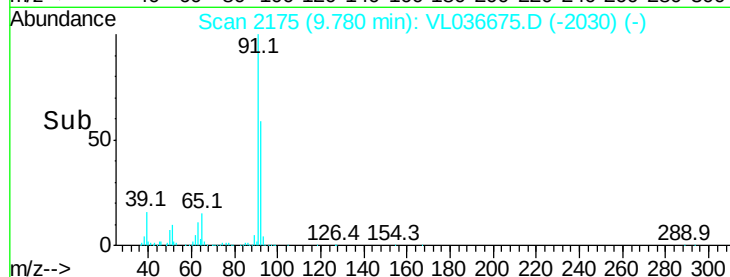
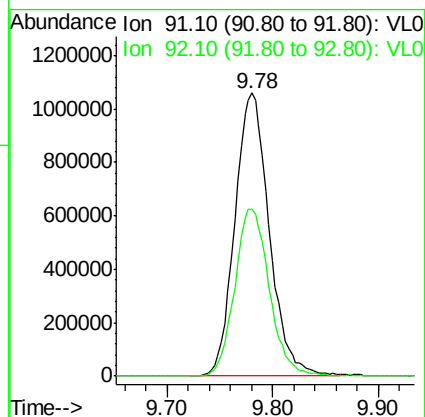
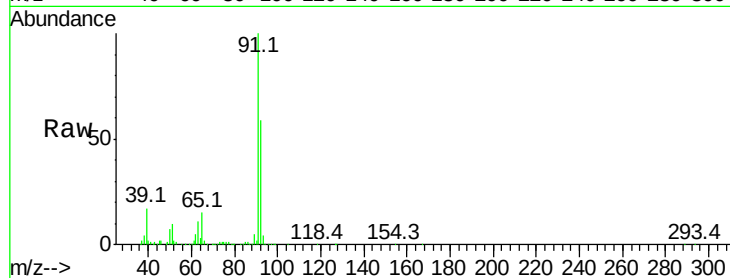
VSTDCCC010EC

Tgt Ion: 91 Resp: 2392077

Ion Ratio Lower Upper

91 100

92 60.0 48.8 73.2



#54

1,2-Dibromoethane

Concen: 7.903 ppbv

RT: 10.58 min Scan# 2425

Delta R.T. -0.04 min

Lab File: VL036675.D

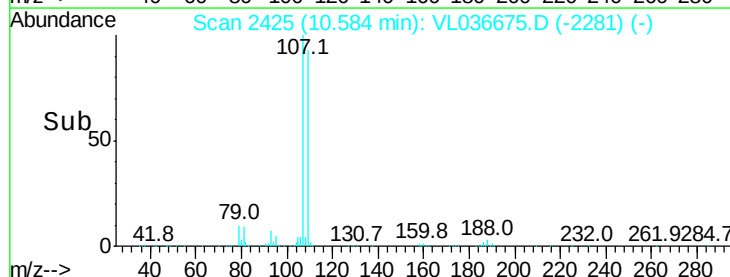
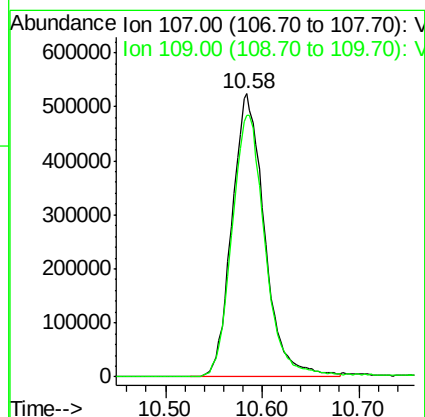
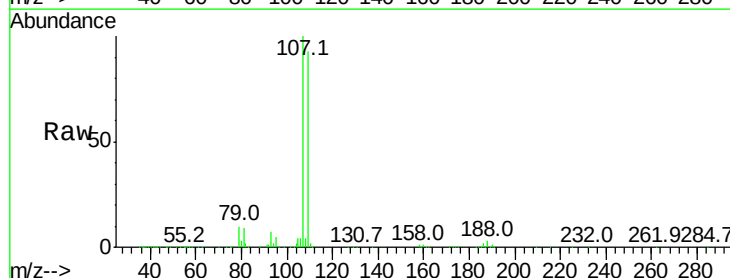
Acq: 3 Apr 2021 11:05

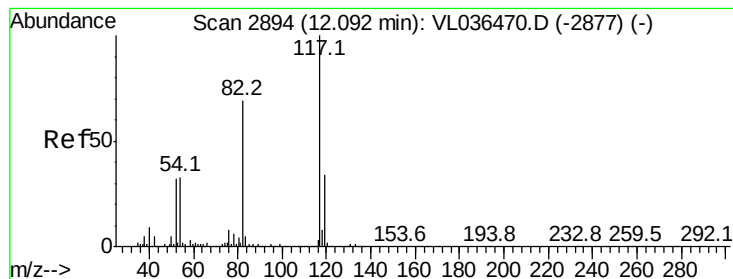
Tgt Ion: 107 Resp: 1228612

Ion Ratio Lower Upper

107 100

109 92.5 73.9 110.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

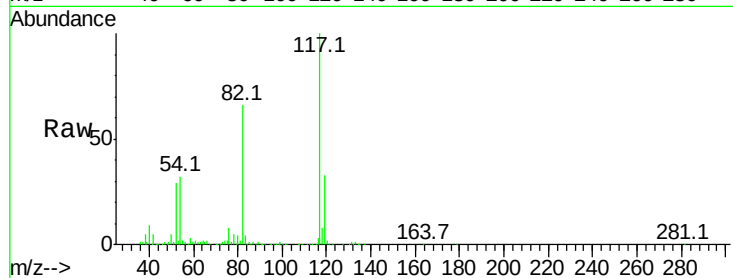
Tgt Ion:117 Resp: 3226362

Ion Ratio Lower Upper

117 100

82 55.8 57.4 86.0#

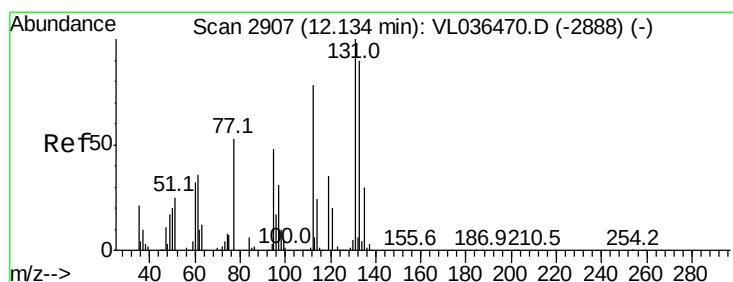
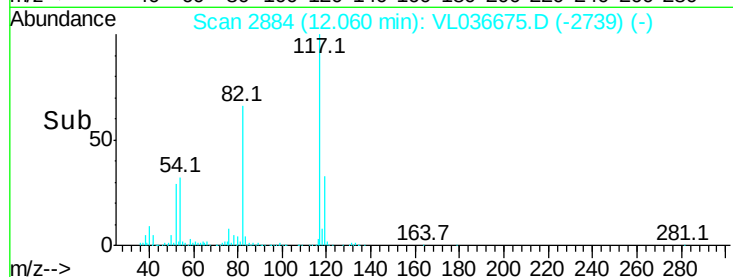
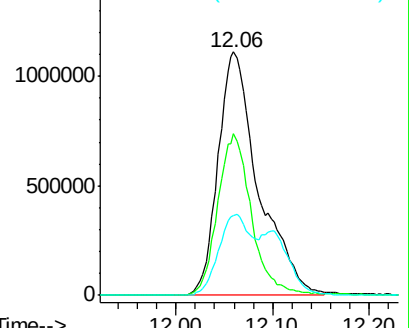
119 46.2 47.4 71.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 6.830 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

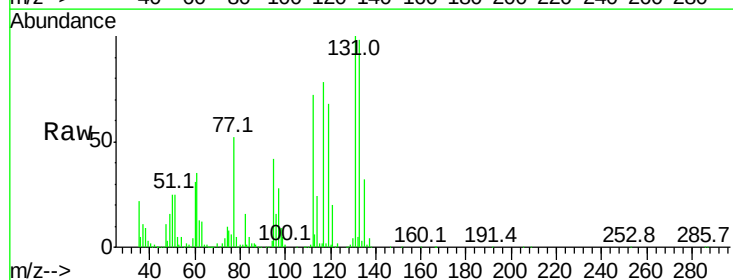
Tgt Ion:131 Resp: 996703

Ion Ratio Lower Upper

131 100

133 97.7 75.8 113.6

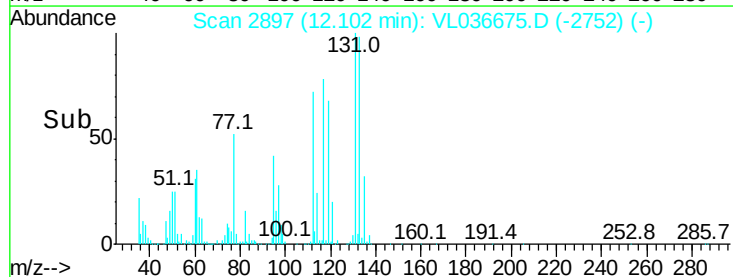
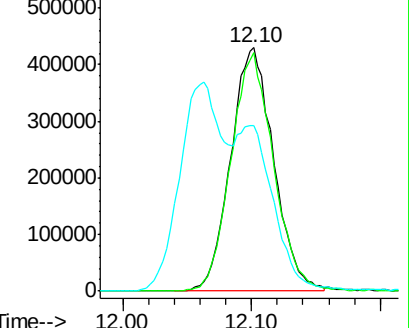
119 149.7 48.7 73.1#

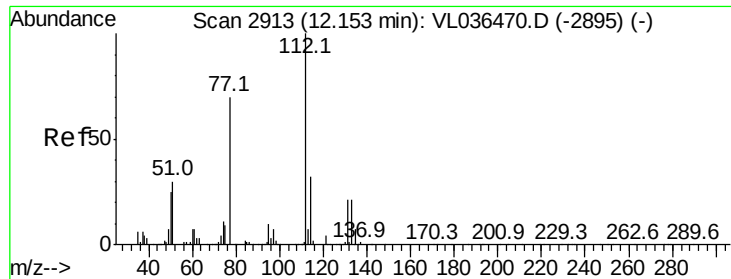


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

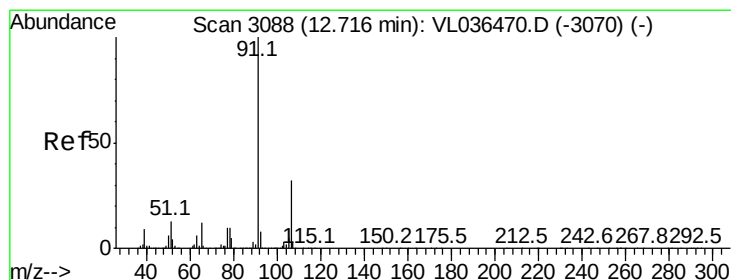
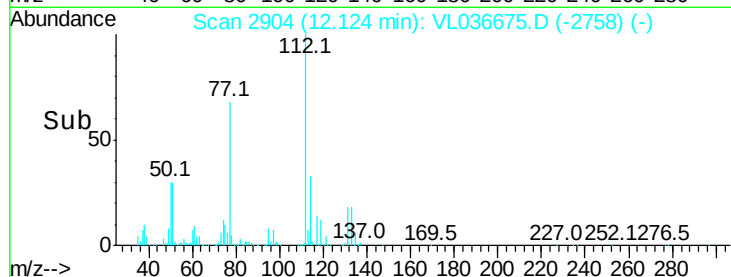
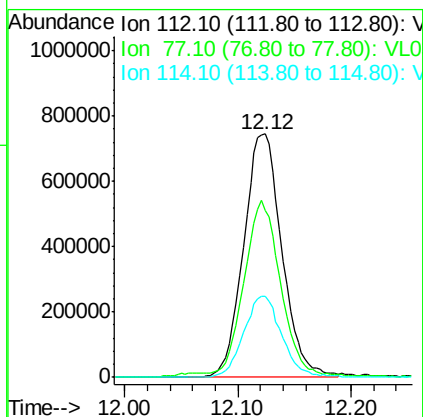
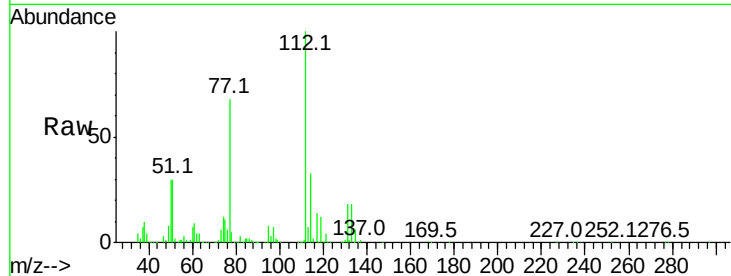




#57
Chlorobenzene
Concen: 6.388 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

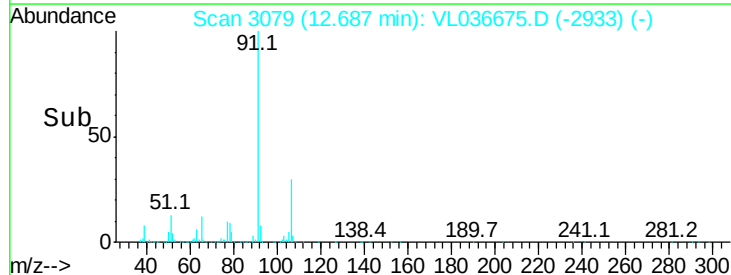
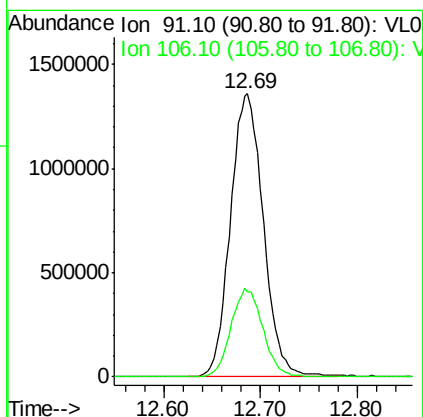
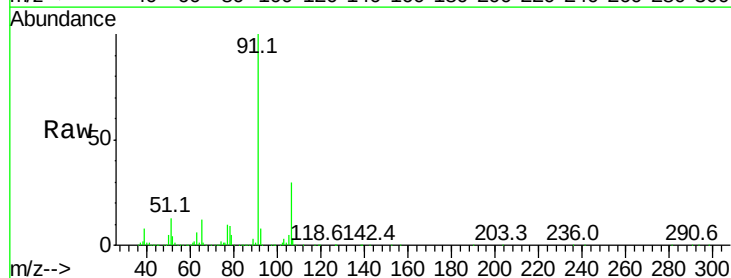
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

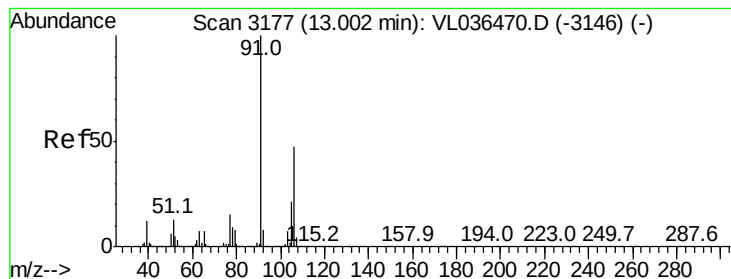
Tgt Ion: 112 Resp: 1753550
Ion Ratio Lower Upper
112 100
77 67.5 56.0 84.0
114 33.0 29.0 35.4



#58
Ethyl Benzene
Concen: 6.833 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Tgt Ion: 91 Resp: 3207551
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9





#59

m/p-Xylene

Concen: 6.913 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

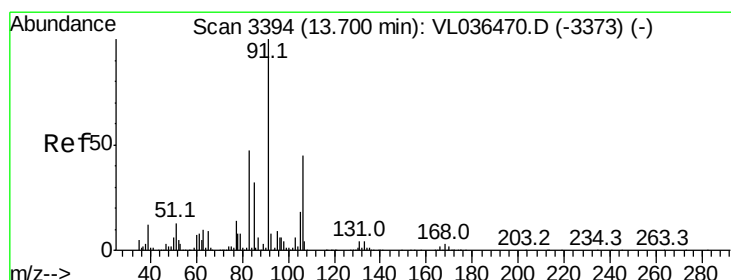
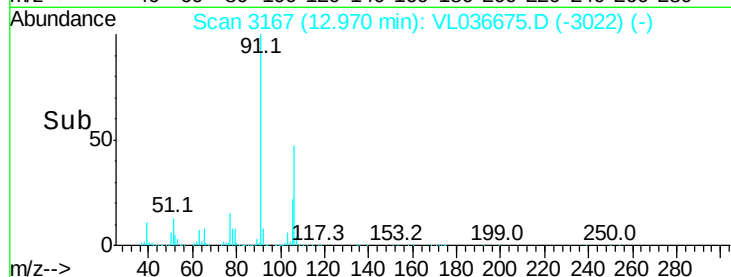
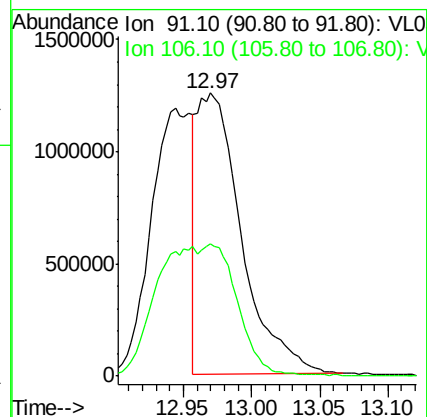
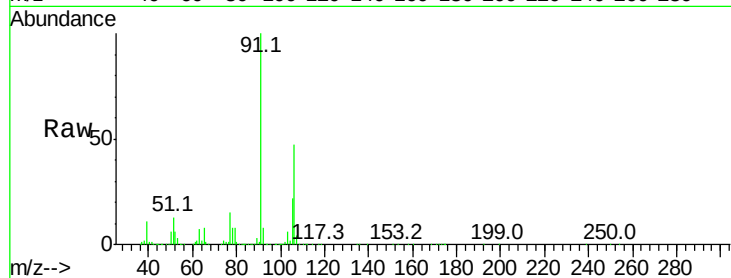
VSTDCCC010EC

Tgt Ion: 91 Resp: 2830154

Ion Ratio Lower Upper

91 100

106 84.9 35.3 52.9#



#60

o-Xylene

Concen: 6.371 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. -0.03 min

Lab File: VL036675.D

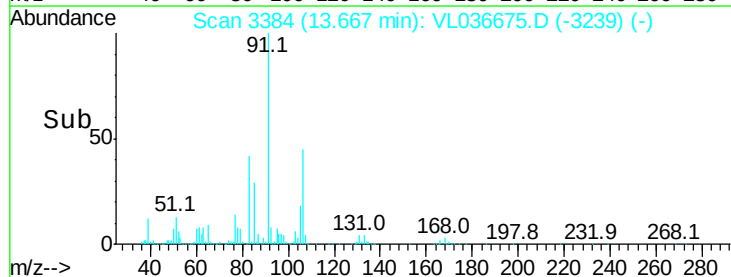
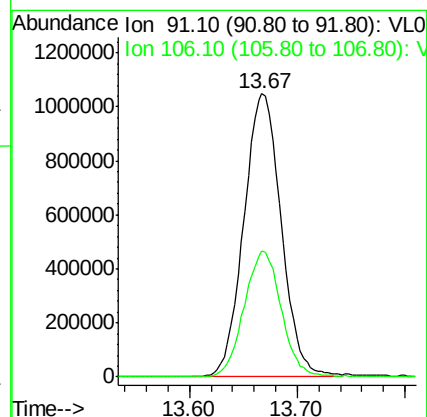
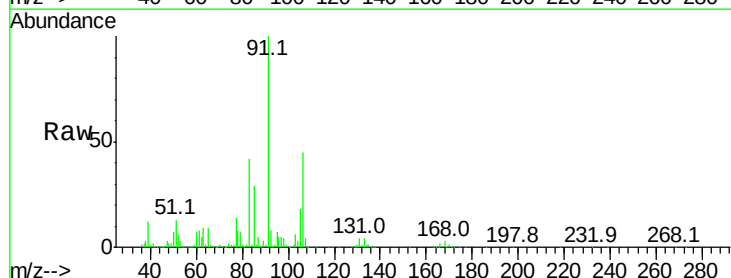
Acq: 3 Apr 2021 11:05

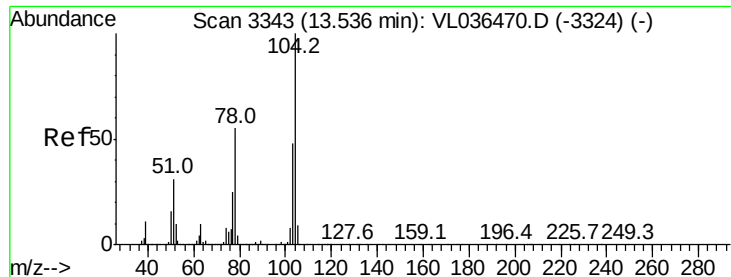
Tgt Ion: 91 Resp: 2522220

Ion Ratio Lower Upper

91 100

106 44.4 22.3 66.9

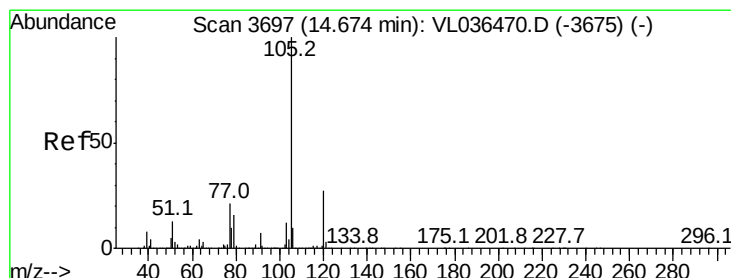
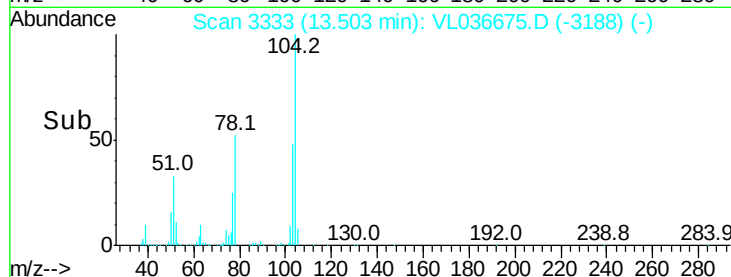
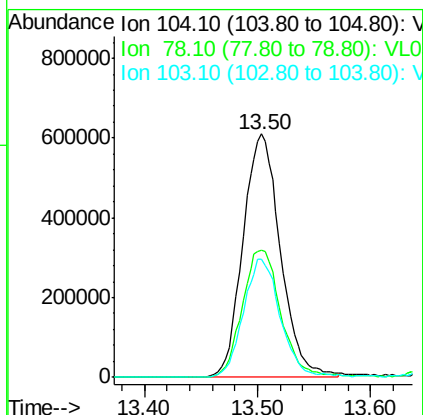
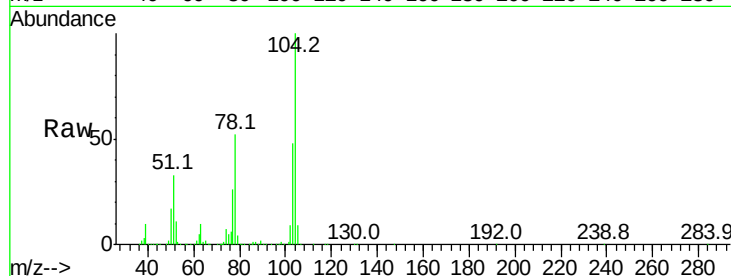




#61
Styrene
Concen: 7.051 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

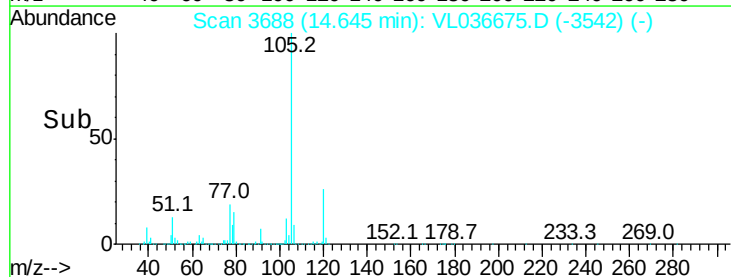
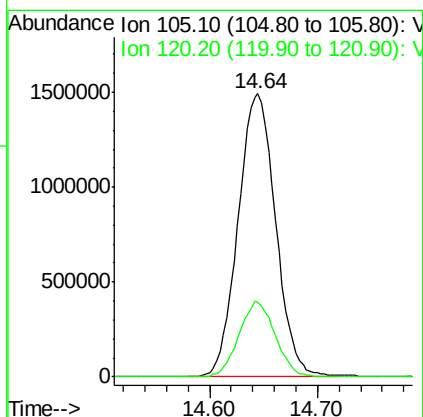
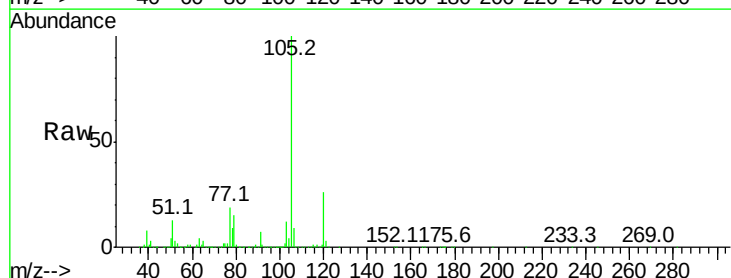
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

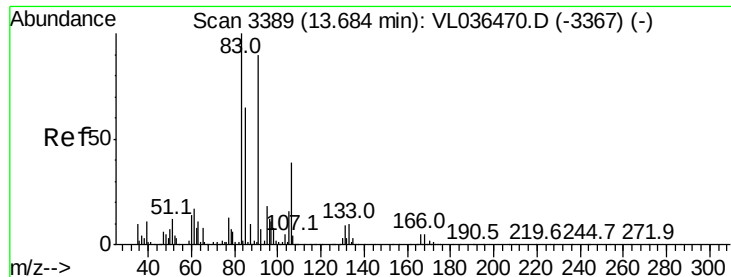
Tgt Ion:104 Resp: 1404178
Ion Ratio Lower Upper
104 100
78 54.4 43.8 65.8
103 48.4 38.3 57.5



#62
Isopropylbenzene
Concen: 6.767 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.03 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Tgt Ion:105 Resp: 3607623
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 5.589 ppbv

RT: 13.65 min Scan# 3379

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

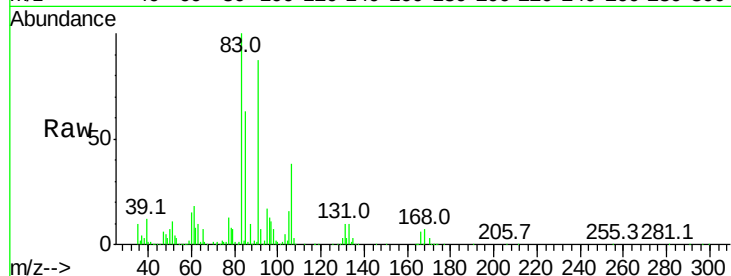
Tgt Ion: 83 Resp: 1687659

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.0

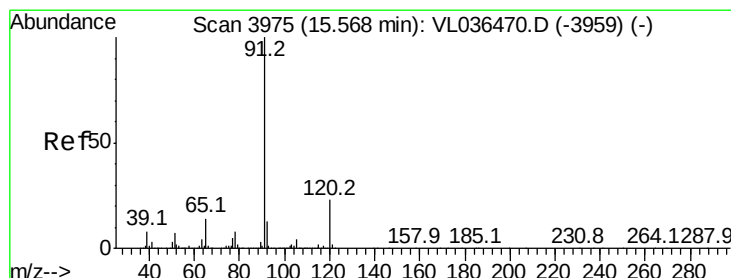
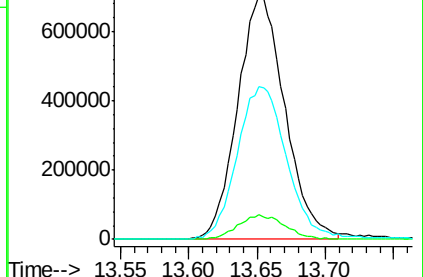
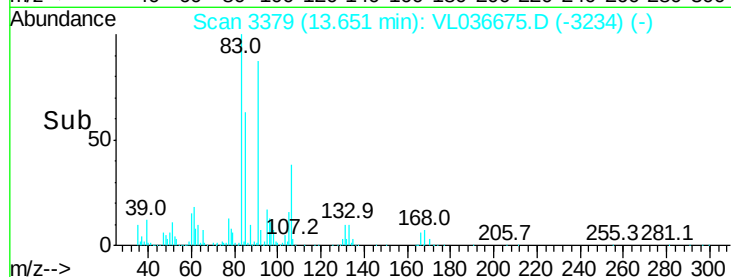
85 66.5 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.205 ppbv

RT: 15.54 min Scan# 3965

Delta R.T. -0.03 min

Lab File: VL036675.D

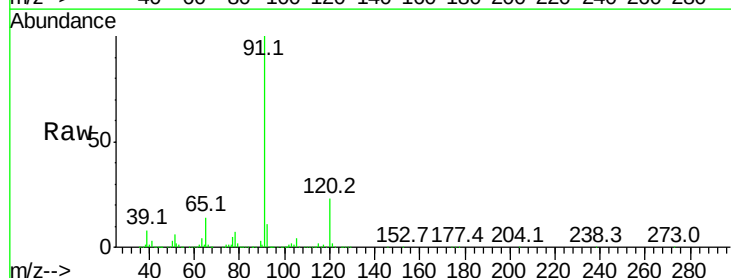
Acq: 3 Apr 2021 11:05

Tgt Ion: 120 Resp: 939035

Ion Ratio Lower Upper

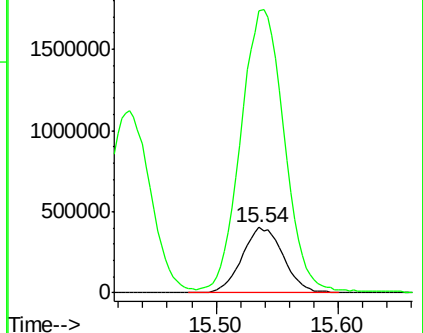
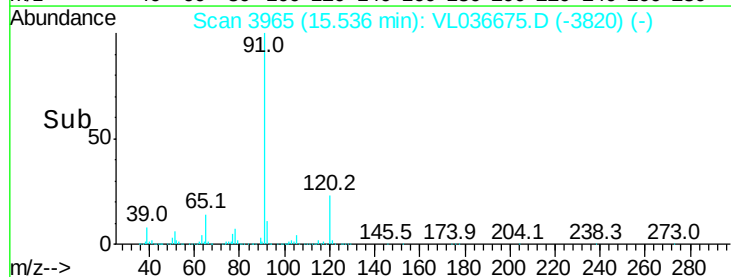
120 100

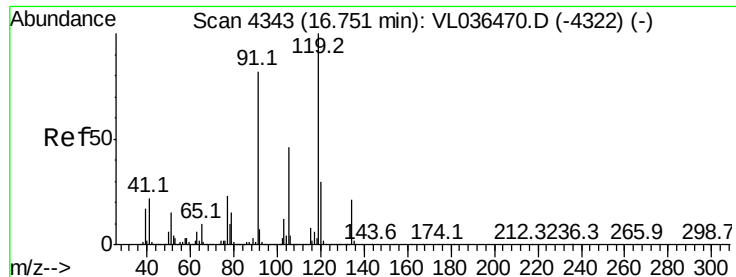
91 461.3 377.4 566.2



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

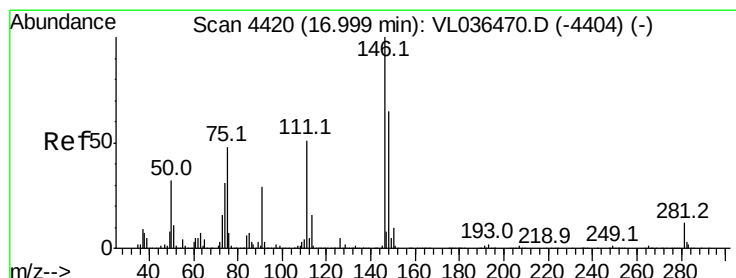
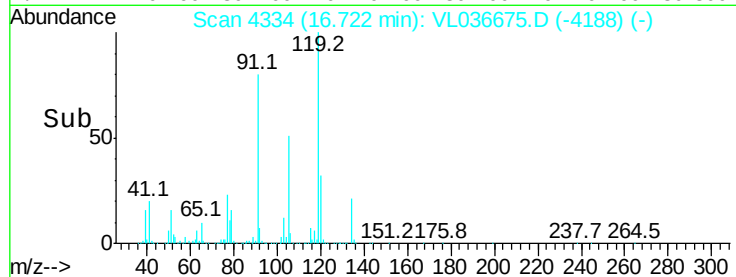
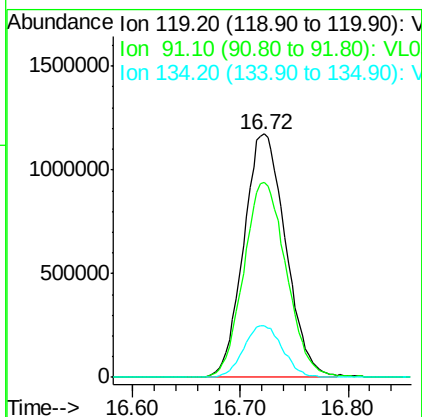
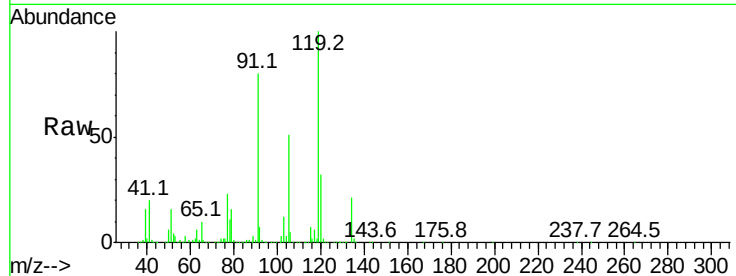




#65
 tert-Butylbenzene
 Concen: 6.850 ppbv
 RT: 16.72 min Scan# 4334
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

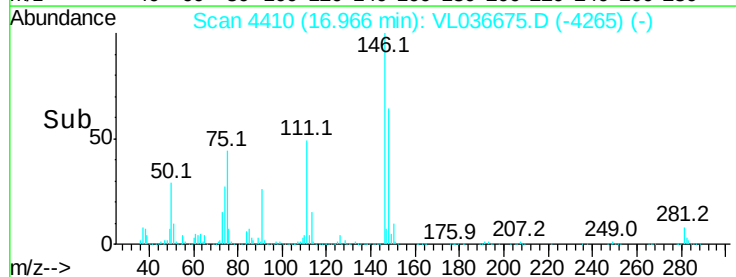
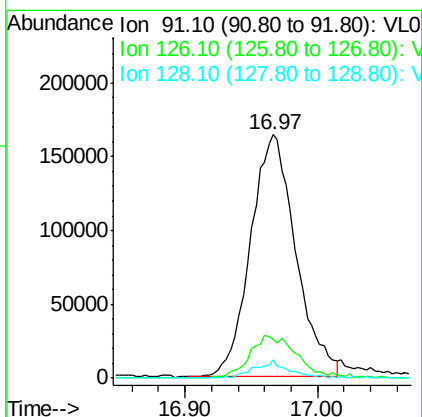
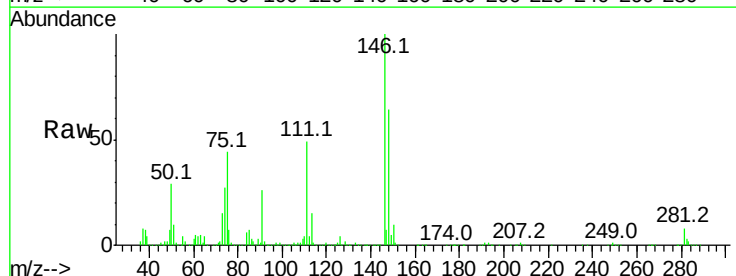
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

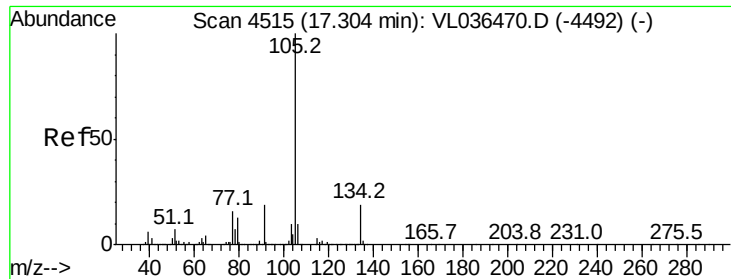
Tgt Ion: 119 Resp: 3166303
 Ion Ratio Lower Upper
 119 100
 91 81.5 67.5 101.3
 134 19.9 15.8 23.8



#66
 Benzyl Chloride
 Concen: 7.634 ppbv
 RT: 16.97 min Scan# 4410
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

Tgt Ion: 91 Resp: 390035
 Ion Ratio Lower Upper
 91 100
 126 18.8 13.5 20.3
 128 6.0 4.2 6.4





#67

sec-Butylbenzene

Concen: 6.700 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

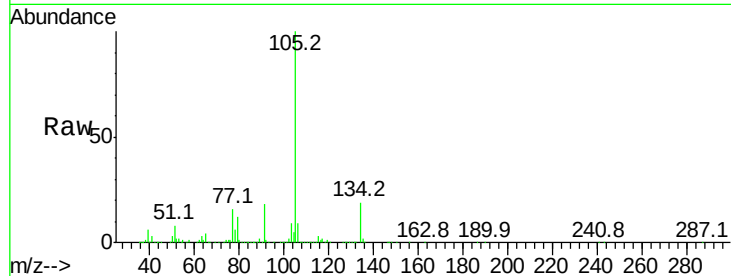
VSTDCCC010EC

Tgt Ion:105 Resp: 4371504

Ion Ratio Lower Upper

105 100

134 18.4 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

2000000

1500000

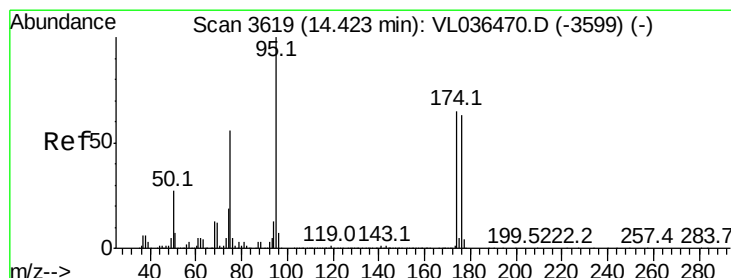
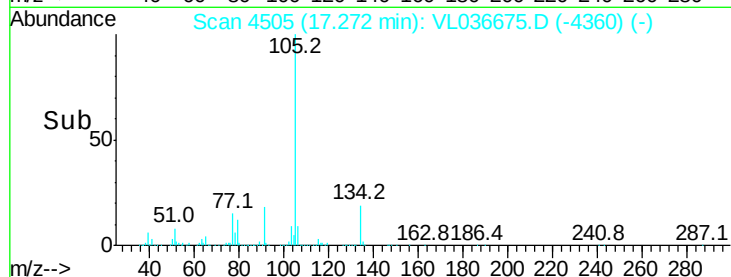
1000000

500000

0

17.20 17.30

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 8.394 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

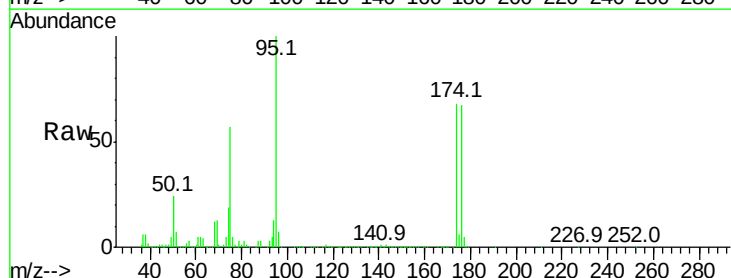
Tgt Ion: 95 Resp: 2158407

Ion Ratio Lower Upper

95 100

174 70.1 51.0 76.6

175 5.5 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

1200000

1000000

800000

600000

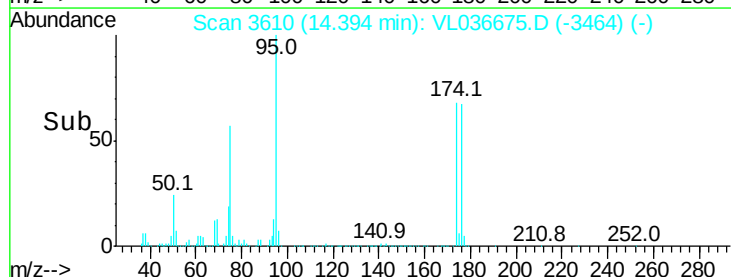
400000

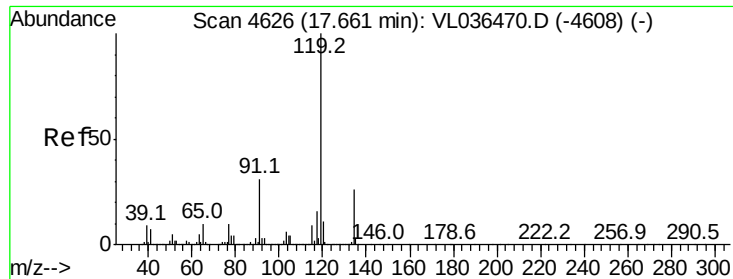
200000

0

14.30 14.40

Time-->

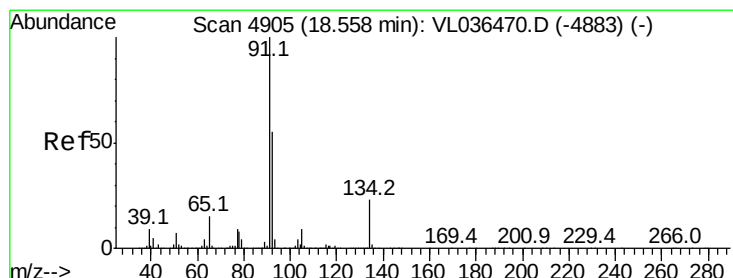
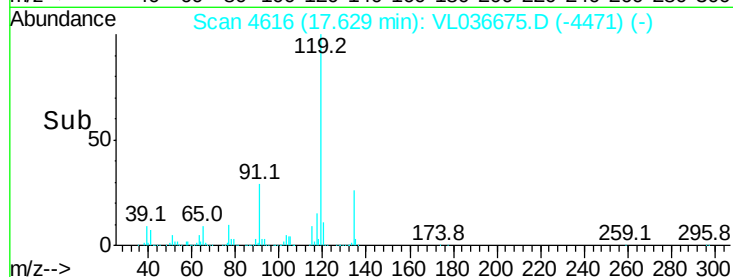
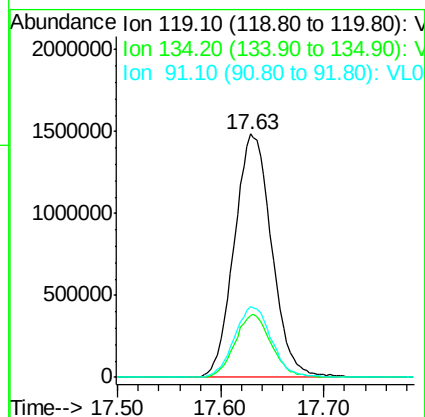
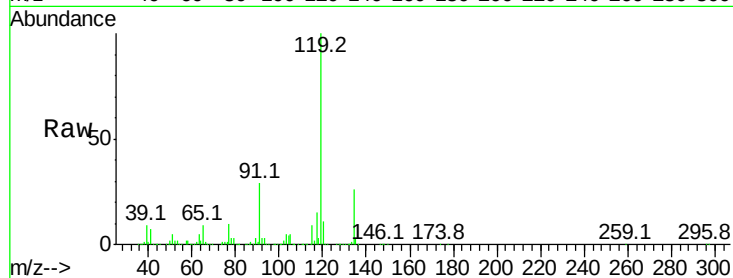




#69
 p-Isopropyltoluene
 Concen: 7.339 ppbv
 RT: 17.63 min Scan# 4616
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

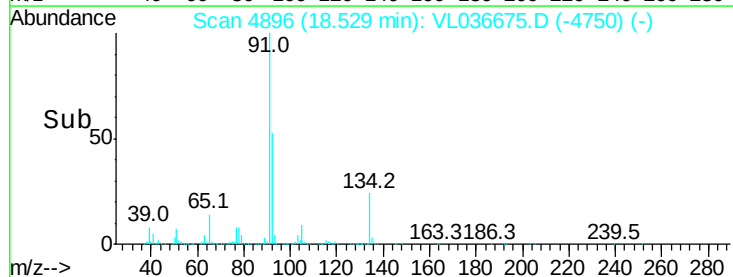
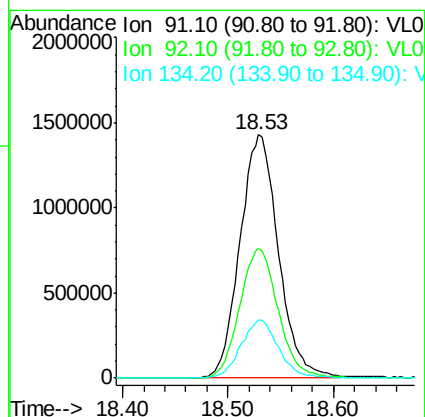
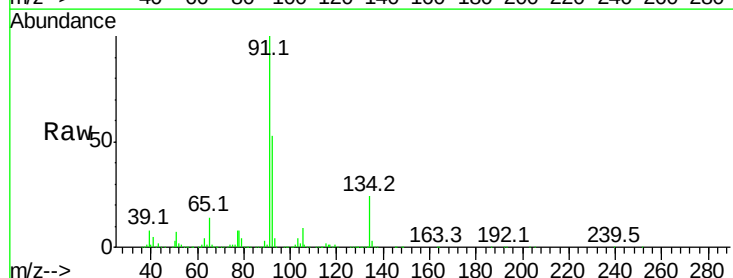
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

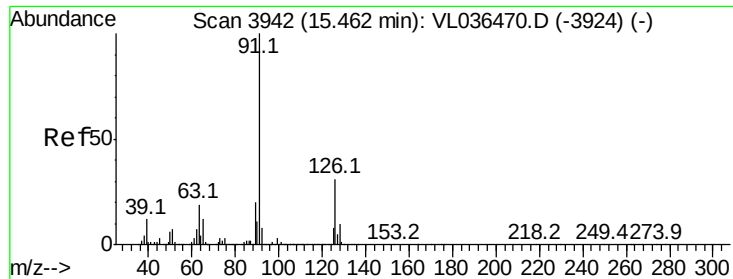
Tgt Ion: 119 Resp: 3739544
 Ion Ratio Lower Upper
 119 100
 134 25.1 20.6 30.8
 91 29.0 25.0 37.6



#70
 n-Butylbenzene
 Concen: 6.859 ppbv
 RT: 18.53 min Scan# 4896
 Delta R.T. -0.03 min
 Lab File: VL036675.D
 Acq: 3 Apr 2021 11:05

Tgt Ion: 91 Resp: 3623963
 Ion Ratio Lower Upper
 91 100
 92 53.5 43.8 65.8
 134 23.5 18.0 27.0





#71

2-Chlorotoluene

Concen: 6.797 ppbv

RT: 15.43 min Scan# 3932

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

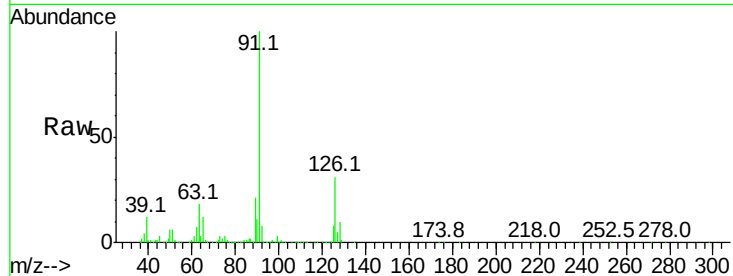
VSTDCCC010EC

Tgt Ion: 91 Resp: 2715148

Ion Ratio Lower Upper

91 100

126 31.0 12.1 48.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): VL0

2000000

1500000

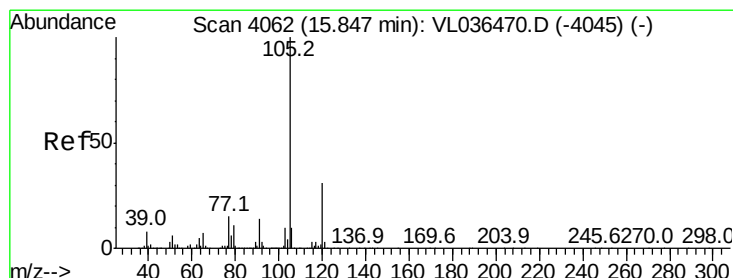
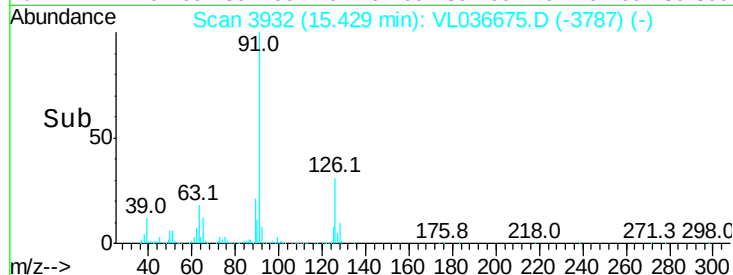
1000000

500000

0

15.40 15.43 15.50

Time-->



#72

4-Ethyltoluene

Concen: 7.046 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion: 105 Resp: 3056447

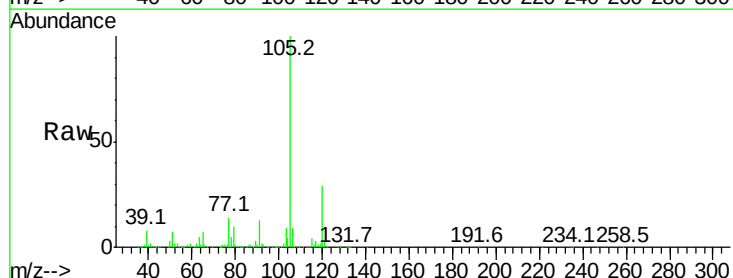
Ion Ratio Lower Upper

105 100

120 29.5 24.0 36.0

91 13.0 11.0 16.4

77 14.1 11.7 17.5



Abundance Ion 105.10 (104.80 to 105.80): VL0

Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2000000

1500000

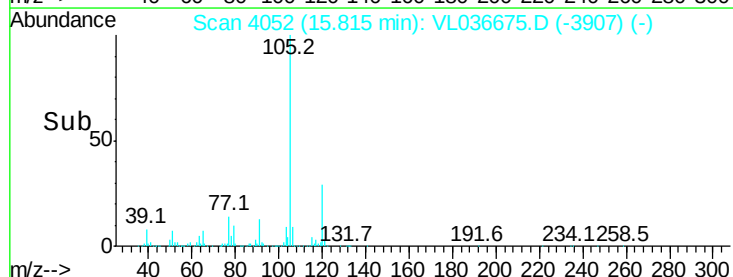
1000000

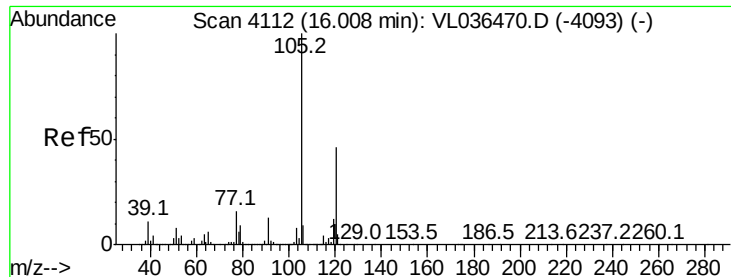
500000

0

15.75 15.82 15.85 15.90

Time-->





#73

1,3,5-Trimethylbenzene

Concen: 6.772 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

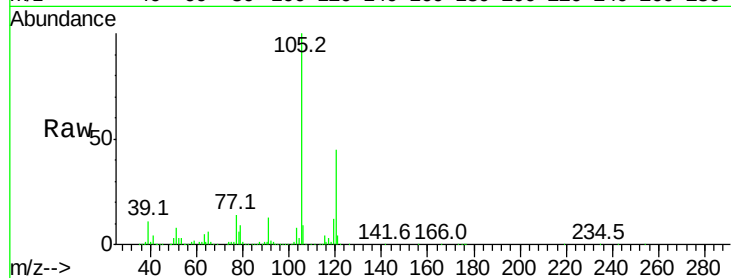
VSTDCCC010EC

Tgt Ion:105 Resp: 2741660

Ion Ratio Lower Upper

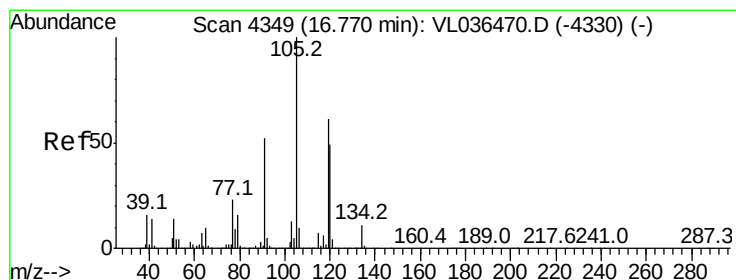
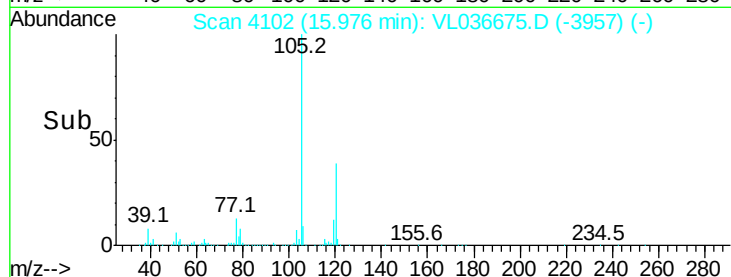
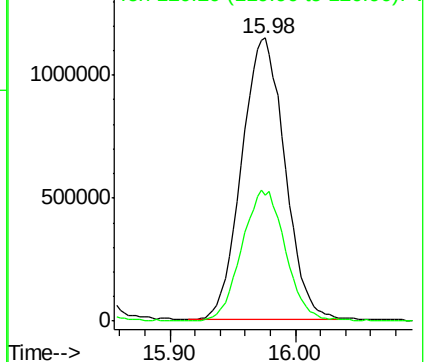
105 100

120 44.7 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: 6.529 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion:105 Resp: 2828703

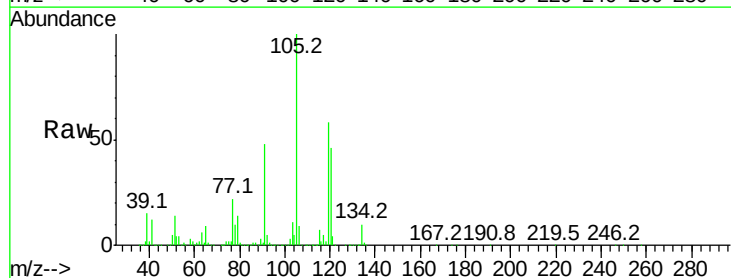
Ion Ratio Lower Upper

105 100

120 46.1 39.2 58.8

91 48.0 42.6 64.0

77 21.5 18.6 28.0

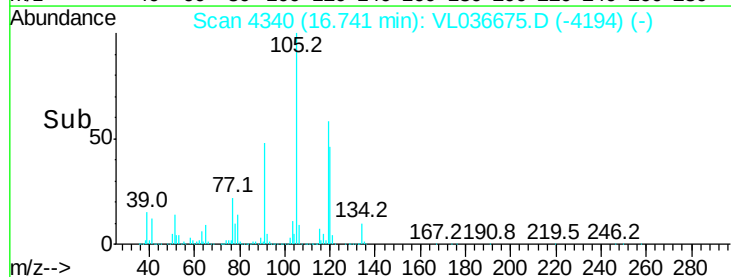
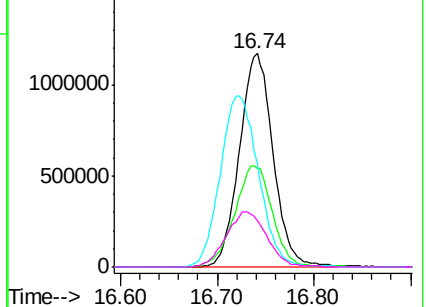


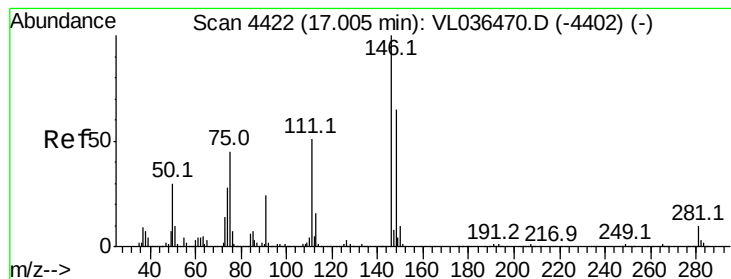
Abundance Ion 105.10 (104.80 to 105.80): V

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: 6.893 ppbv

RT: 16.97 min Scan# 4412

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

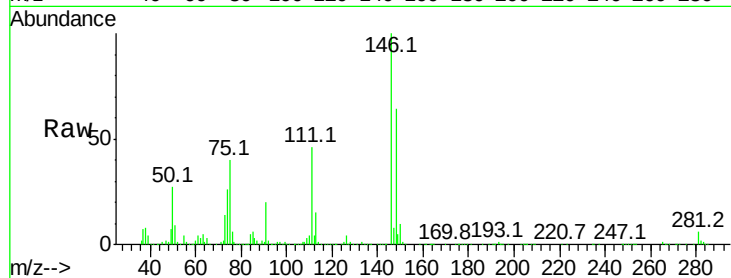
Tgt Ion:146 Resp: 1680987

Ion Ratio Lower Upper

146 100

111 47.4 24.5 73.5

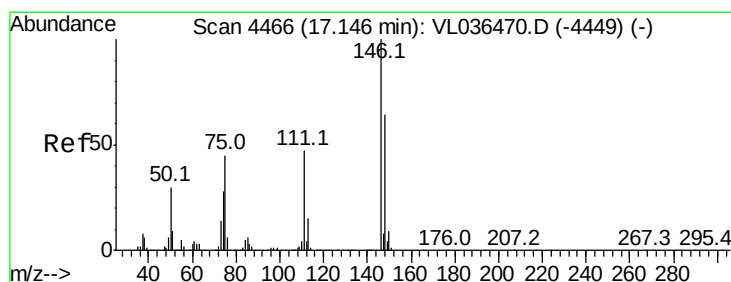
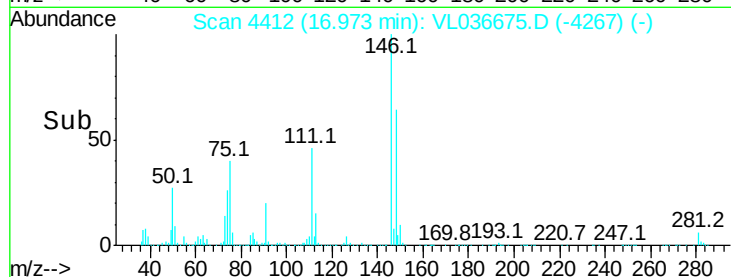
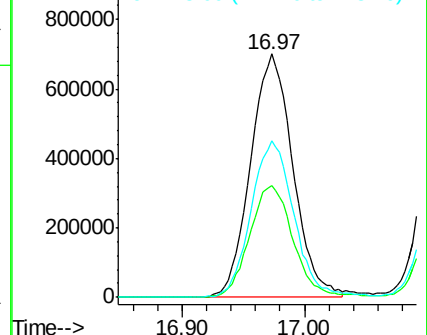
148 65.4 32.3 96.9



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



#76

1,4-Dichlorobenzene

Concen: 6.725 ppbv

RT: 17.11 min Scan# 4456

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

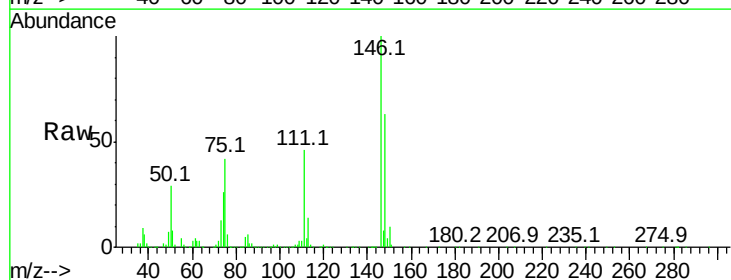
Tgt Ion:146 Resp: 1628384

Ion Ratio Lower Upper

146 100

111 47.9 24.3 72.8

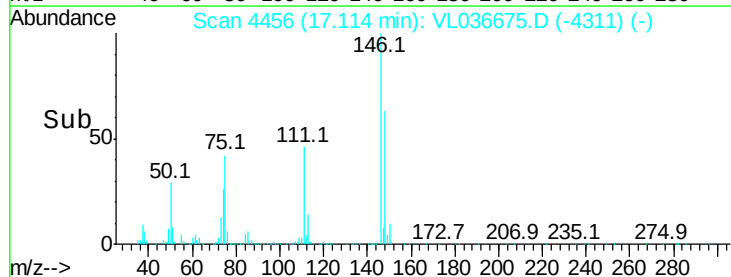
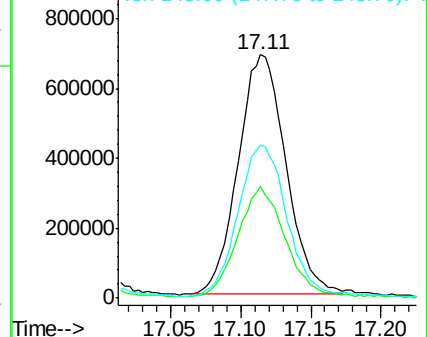
148 66.8 33.0 98.9

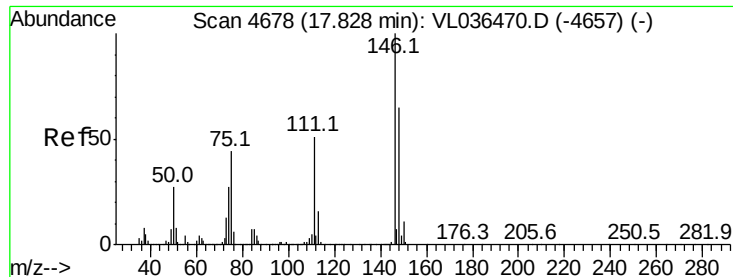


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.162 ppbv

RT: 17.79 min Scan# 4667

Delta R.T. -0.04 min

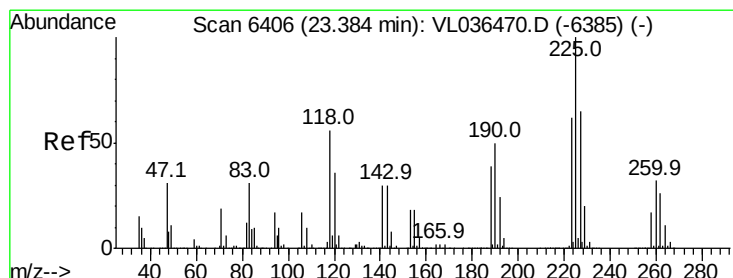
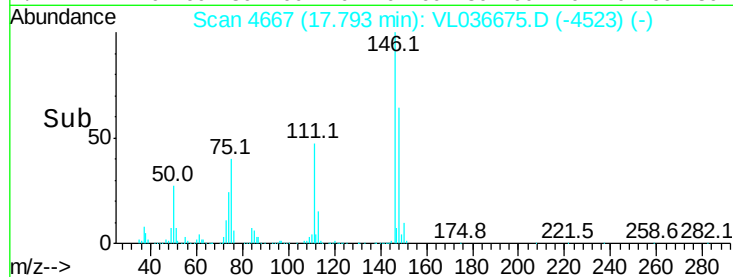
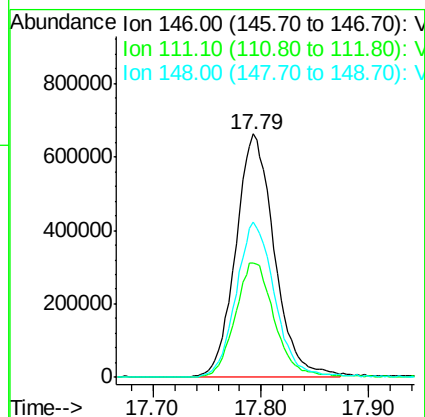
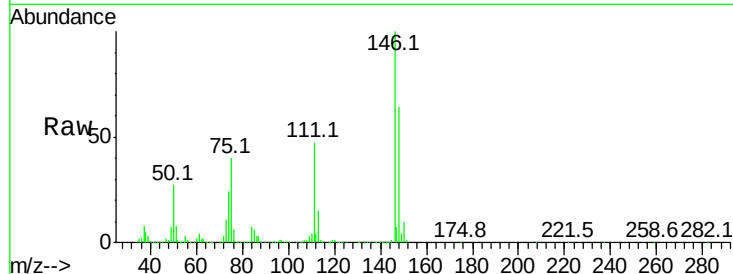
Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1641847

Ion	Ratio	Lower	Upper
146	100		
111	48.3	25.5	76.5
148	64.3	32.9	98.6



#78

Hexachloro-1,3-Butadiene

Concen: 6.417 ppbv

RT: 23.36 min Scan# 6397

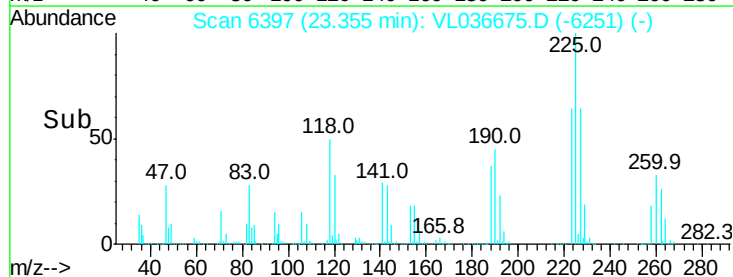
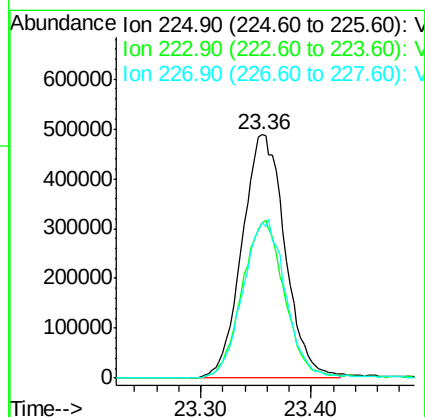
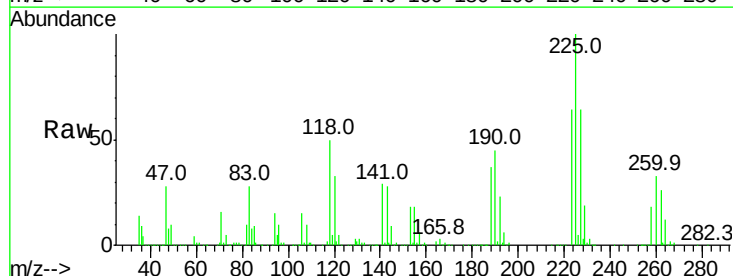
Delta R.T. -0.03 min

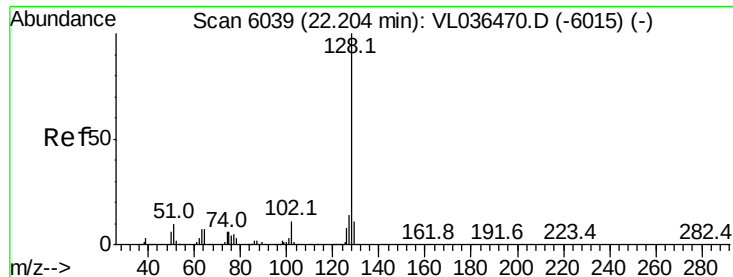
Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Tgt Ion:225 Resp: 1317327

Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	75.8
227	65.0	52.2	78.2

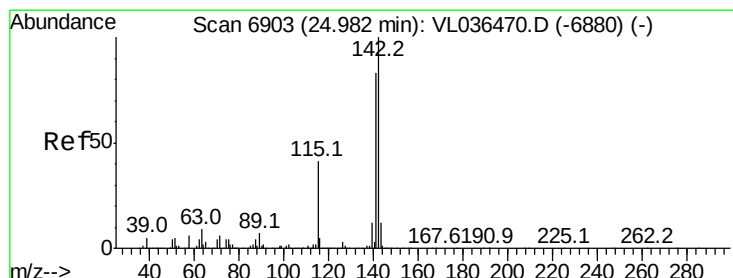
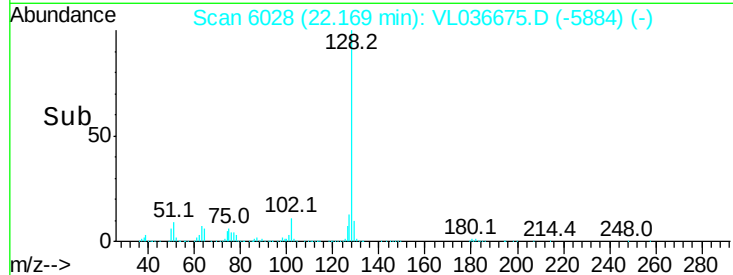
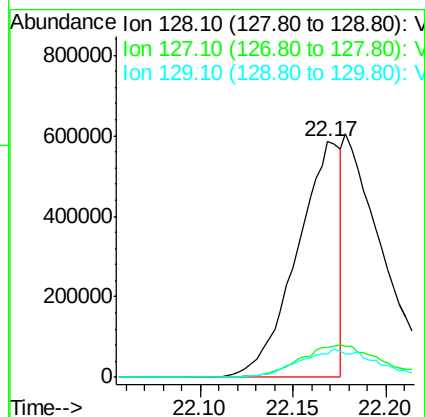
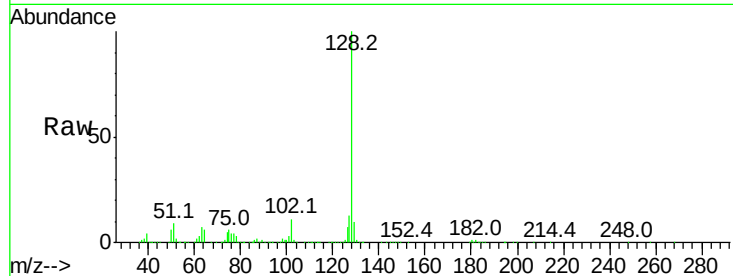




#79
Naphthalene
Concen: 3.802 ppbv
RT: 22.17 min Scan# 6028
Delta R.T. -0.04 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

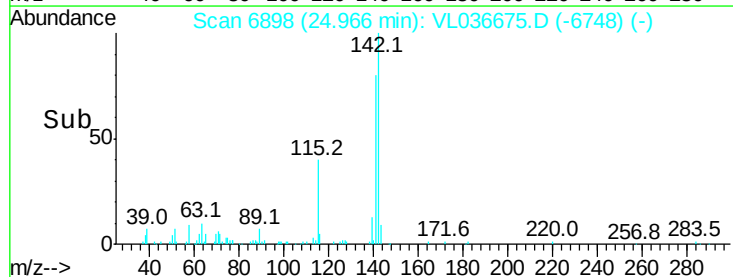
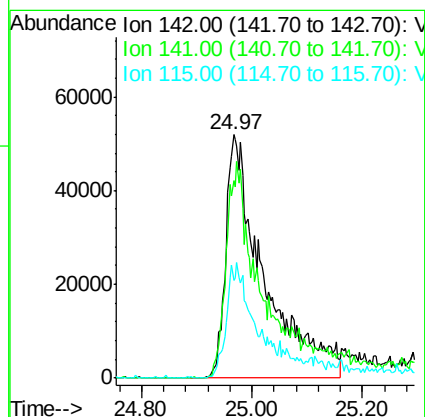
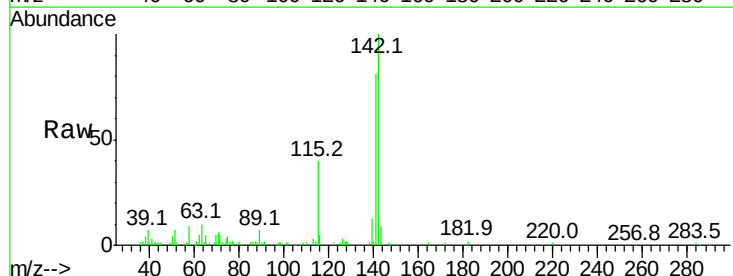
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

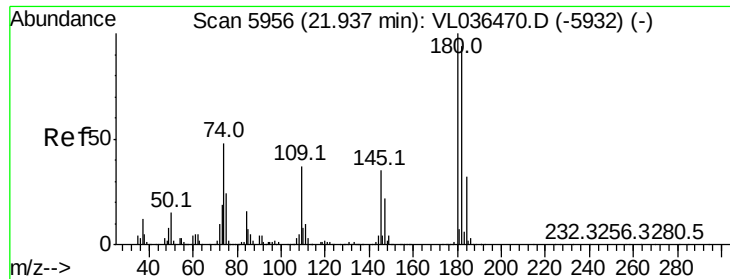
Tgt Ion:	128	Resp:	961110
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.9	16.3
129	10.0	9.0	13.4



#80
Naphthalene, 2-methyl-
Concen: 4.978 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. -0.02 min
Lab File: VL036675.D
Acq: 3 Apr 2021 11:05

Tgt Ion:	142	Resp:	248192
Ion	Ratio	Lower	Upper
142	100		
141	79.5	67.8	101.8
115	34.8	34.0	51.0





#81

1,2,4-Trichlorobenzene

Concen: 7.663 ppbv

RT: 21.91 min Scan# 5946

Delta R.T. -0.03 min

Lab File: VL036675.D

Acq: 3 Apr 2021 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

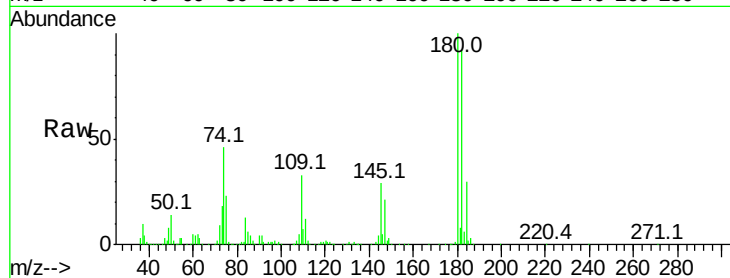
Tgt Ion:180 Resp: 1196172

Ion Ratio Lower Upper

180 100

182 99.7 80.8 121.2

184 32.4 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

