

Data File : VL037096.D

Acq On : 2 Jun 2021 8:09

Operator : SY/AP

Sample : VSTDCCC010

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Jun 02 11:40:39 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021

QLast Update : Tue May 18 12:00:15 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1426912	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4330285	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	5141047	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3186721	8.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.50%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.03	85	2284635	9.438	ppbv	99
3) Chlorodifluoromethane	2.98	51	2612768	9.995	ppbv	96
4) Chloromethane	3.12	50	874182	9.827	ppbv	98
5) Vinyl Chloride	3.24	62	961908	9.893	ppbv	98
6) Bromomethane	3.46	94	576394	11.250	ppbv	100
7) Chloroethane	3.54	64	348921	11.052	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	2456689	10.809	ppbv	96
9) Propene	3.00	41	796549	8.509	ppbv	96
10) Heptane	8.10	43	2139818	9.173	ppbv	100
11) Trichlorofluoromethane	3.93	101	2624332	11.713	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1811905	11.353	ppbv	96
13) Ethanol	3.60	45	97274	7.788	ppbv	98
14) Bromoethene	3.73	108	773192	10.999	ppbv	99
15) Acetone	3.84	43	1278969	8.751	ppbv	97
16) 1,3-Butadiene	3.31	39	936840	10.317	ppbv	96
17) tert-Butyl alcohol	4.28	59	1346197	10.055	ppbv	98
18) 1,1-Dichloroethene	4.27	96	801293	10.858	ppbv	98
19) Isopropyl Alcohol	3.95	45	787367	10.022	ppbv #	35
20) Methylene Chloride	4.33	84	634682	8.101	ppbv	97
21) Allyl Chloride	4.40	41	1138948	10.330	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	809288	11.442	ppbv	98
23) Vinyl Acetate	5.06	43	2131014	9.186	ppbv #	99
24) 1,1-Dichloroethane	5.00	63	1793637	10.742	ppbv	100
25) Ethyl Acetate	5.66	43	3304636	9.409	ppbv	100
26) Hexane	5.67	57	1603540	8.938	ppbv	97
27) Carbon Disulfide	4.53	76	1820051	10.065	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	2051904	9.541	ppbv	99
29) Chloroform	5.74	83	2683106	10.585	ppbv	97
30) Cyclohexane	7.11	84	1431183	9.387	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1636076	10.171	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	2764648	10.157	ppbv	99
34) 2-Butanone	5.23	43	1584946	10.052	ppbv	100
35) Carbon Tetrachloride	7.00	117	2974937	10.340	ppbv	98
36) Benzene	6.87	78	3417718	9.163	ppbv	99
37) 1,2-Dichloroethane	6.29	62	2023254	10.941	ppbv	99
38) Trichloroethene	7.82	130	1464289	9.177	ppbv	99
39) 1,2-Dichloropropane	7.60	63	1284618	8.941	ppbv	95
40) 1,4-Dioxane	7.82	88	317445	9.357	ppbv #	100
41) Tetrahydrofuran	6.03	42	785552	8.747	ppbv	98
42) Bromodichloromethane	7.77	83	2869603	10.257	ppbv	99
43) Methyl Methacrylate	8.00	69	1235968	9.614	ppbv	98

Data File : VL037096.D
Acq On : 2 Jun 2021 8:09
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Jun 02 11:40:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5563128	8.693	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	1181184	12.026	ppbv	99
46) cis-1,3-Dichloropropene	8.68	75	1500672	11.360	ppbv	96
47) 1,1,2-Trichloroethane	9.46	97	1478682	9.833	ppbv	99
48) Dibromochloromethane	10.28	129	2633803	10.817	ppbv	100
49) Bromoform	13.02	173	2185136	10.866	ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	2415684	9.284	ppbv	98
51) 2-Hexanone	10.12	43	1282837	9.326	ppbv #	94
52) Tetrachloroethene	11.20	164	1451098	9.784	ppbv	96
53) Toluene	9.79	91	4146766	9.343	ppbv	98
54) 1,2-Dibromoethane	10.59	107	2231501	10.437	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.10	131	1786507	8.259	ppbv #	56
57) Chlorobenzene	12.13	112	3174241	7.963	ppbv	98
58) Ethyl Benzene	12.69	91	5539199	7.634	ppbv	99
59) m/p-Xylene	12.98	91	5173126	8.625	ppbv #	45
60) o-Xylene	13.67	91	4448744	7.777	ppbv	100
61) Styrene	13.51	104	2592335	8.044	ppbv	97
62) Isopropylbenzene	14.65	105	6271344	7.628	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	3030979	7.095	ppbv	99
64) n-propylbenzene	15.54	120	1691181	7.973	ppbv	99
65) tert-Butylbenzene	16.73	119	5733655	7.729	ppbv	99
66) Benzyl Chloride	16.97	91	267956	6.510	ppbv	95
67) sec-Butylbenzene	17.27	105	7621022	7.531	ppbv	100
69) p-Isopropyltoluene	17.63	119	6611592	7.599	ppbv	99
70) n-Butylbenzene	18.53	91	6240153	7.549	ppbv	99
71) 2-Chlorotoluene	15.43	91	4612866	7.769	ppbv	98
72) 4-Ethyltoluene	15.82	105	5521765	8.133	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	4991413	7.829	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	5197253	7.884	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	3165629	7.864	ppbv	98
76) 1,4-Dichlorobenzene	17.12	146	3150452	7.741	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	3109093	7.708	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	1938276	5.976	ppbv	99
79) Naphthalene	22.17	128	3855568	7.454	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	1032542	9.180	ppbv	98
81) 1,2,4-Trichlorobenzene	21.90	180	2284931	7.247	ppbv	96

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

Data File : VL037096.D

Acq On : 2 Jun 2021 8:09

Operator : SY/AP

Sample : VSTDCCC010

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

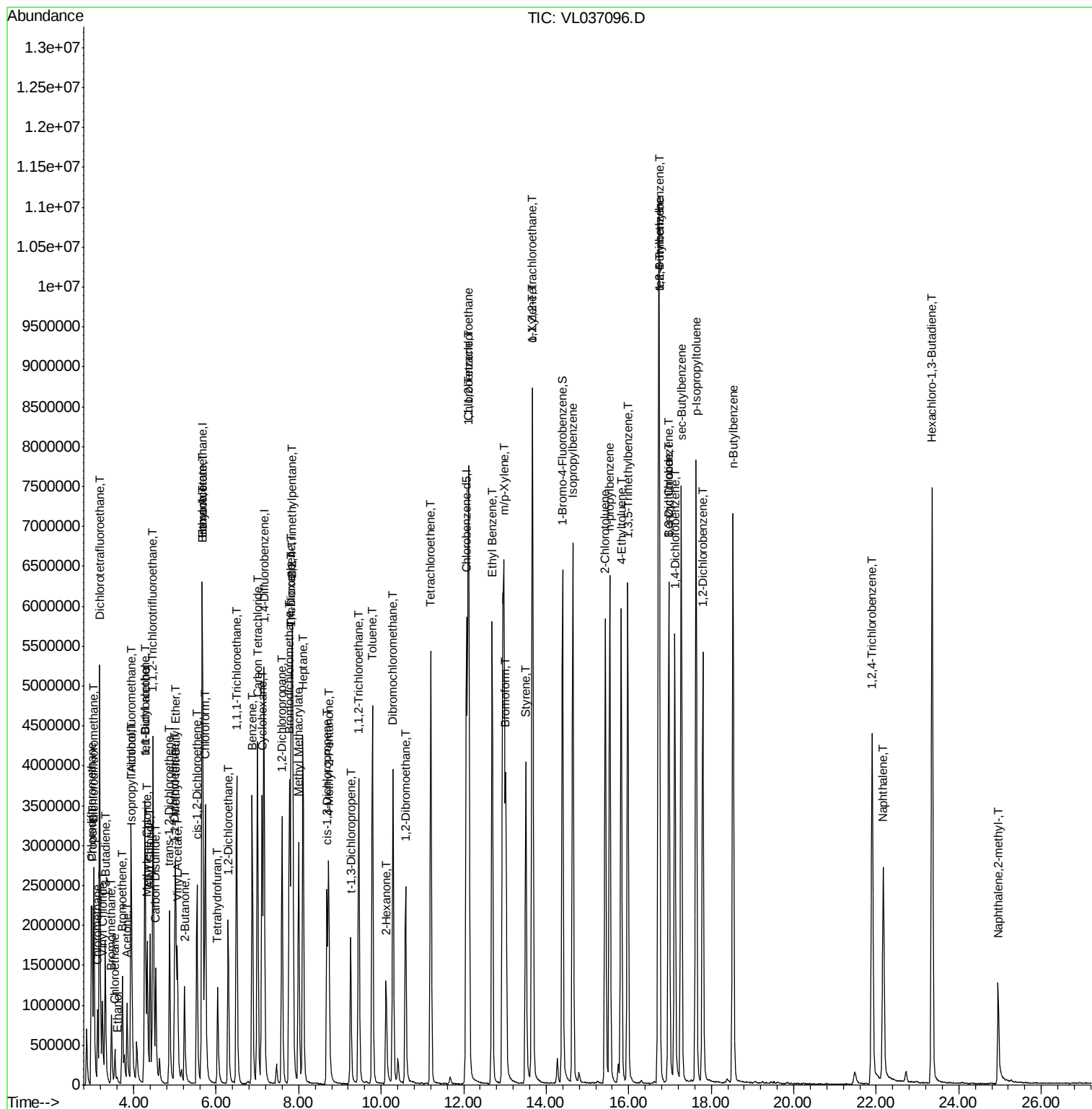
Quant Time: Jun 02 11:40:39 2021

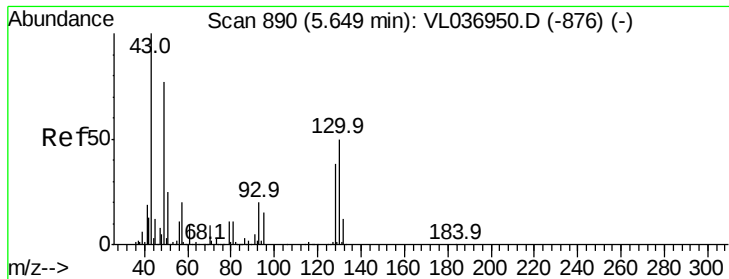
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_L\METHODS\VL051821AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue May 18 12:00:15 2021

QLast Update : Tue May 18 12:00:15 2021

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

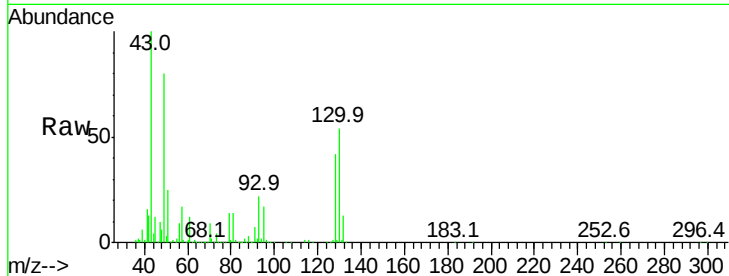
Tgt Ion: 49 Resp: 1426912

Ion Ratio Lower Upper

49 100

128 59.6 26.9 80.7

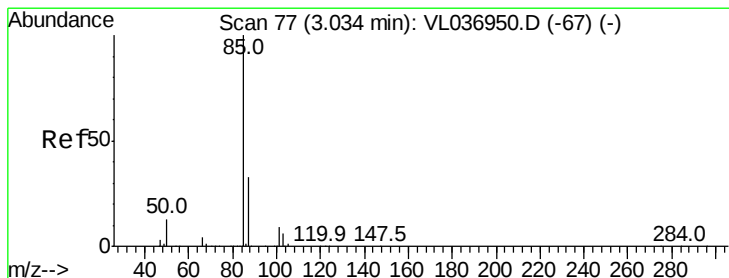
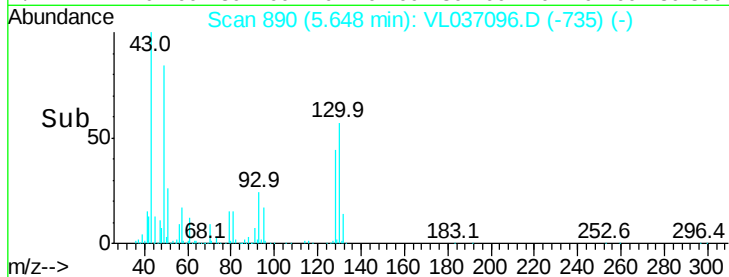
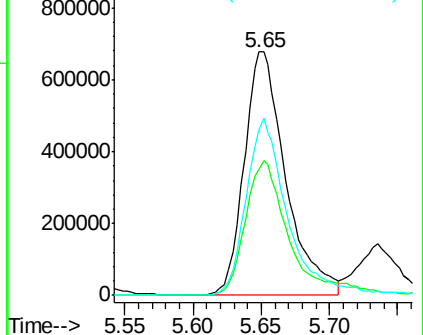
130 73.4 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.438 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.00 min

Lab File: VL037096.D

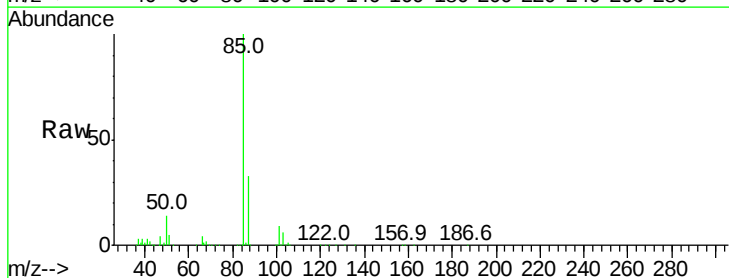
Acq: 2 Jun 2021 8:09

Tgt Ion: 85 Resp: 2284635

Ion Ratio Lower Upper

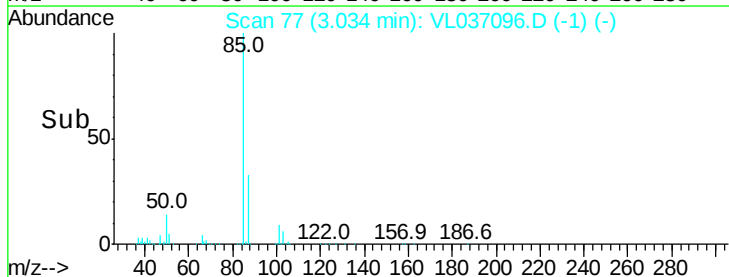
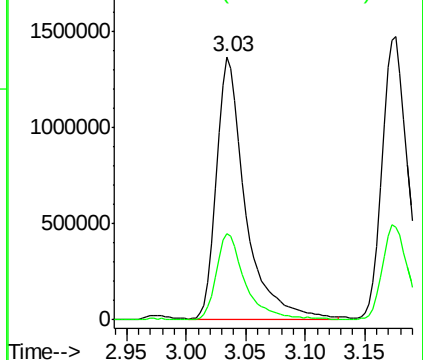
85 100

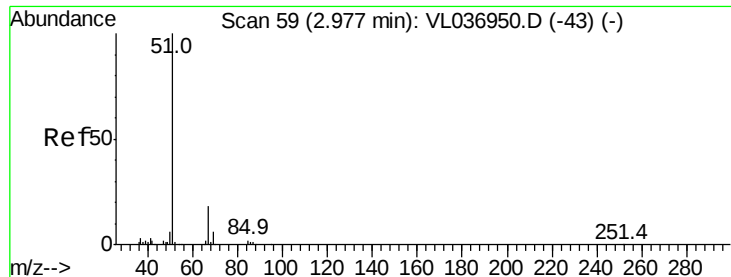
87 32.6 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.995 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

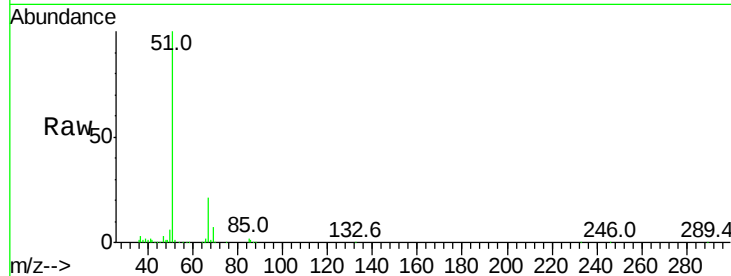
VSTDCCC010EC

Tgt Ion: 51 Resp: 2612768

Ion Ratio Lower Upper

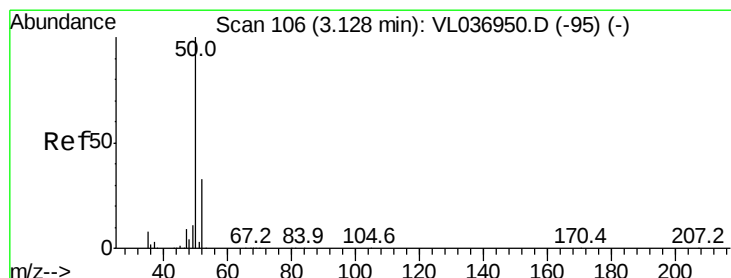
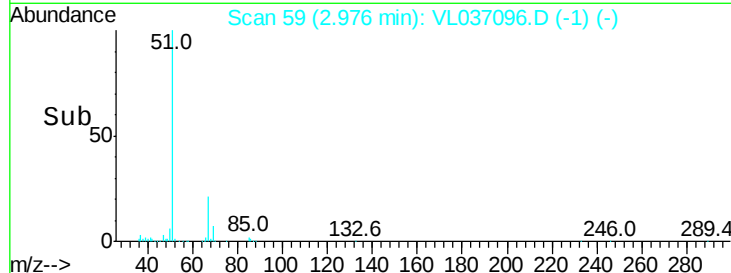
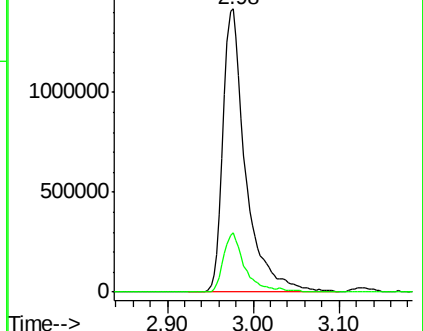
51 100

67 20.1 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.827 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.00 min

Lab File: VL037096.D

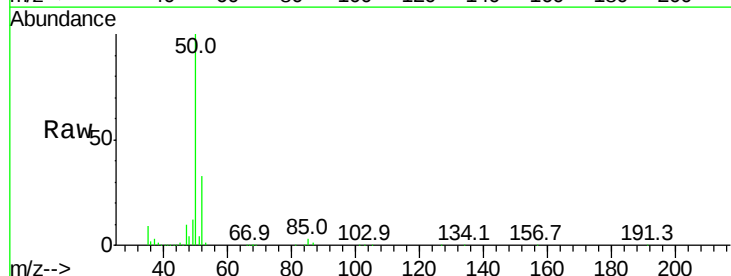
Acq: 2 Jun 2021 8:09

Tgt Ion: 50 Resp: 874182

Ion Ratio Lower Upper

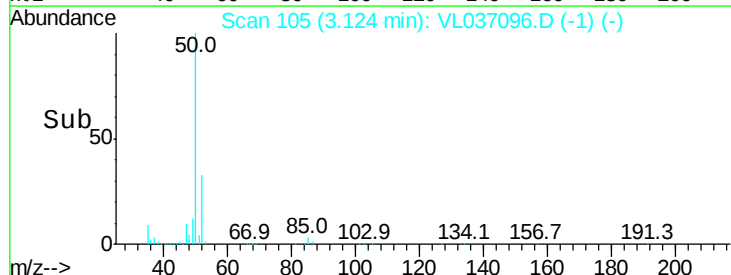
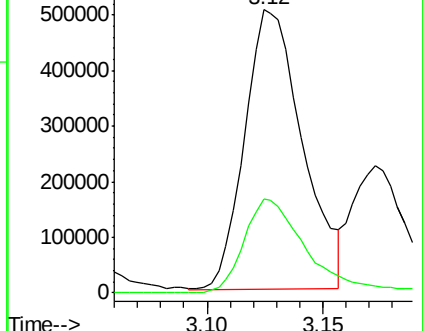
50 100

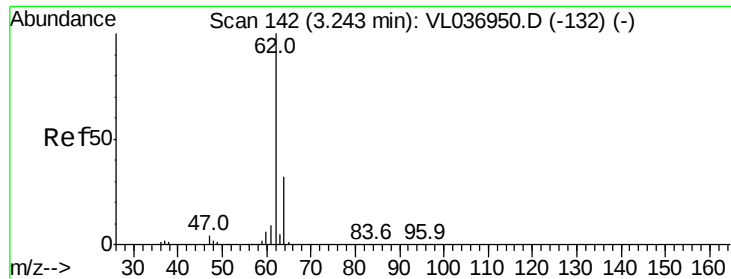
52 33.8 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.893 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

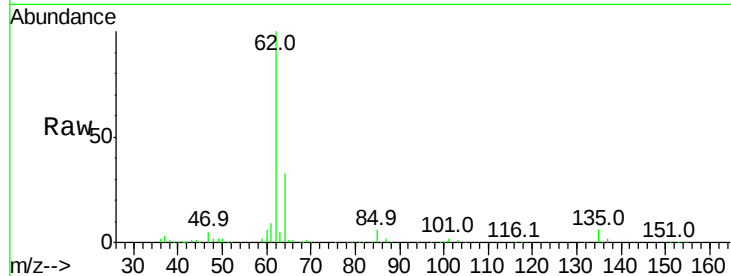
VSTDCCC010EC

Tgt Ion: 62 Resp: 961908

Ion Ratio Lower Upper

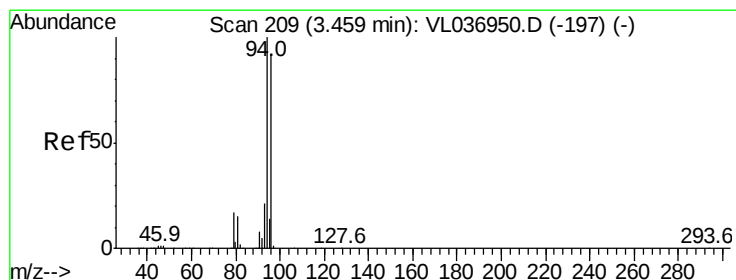
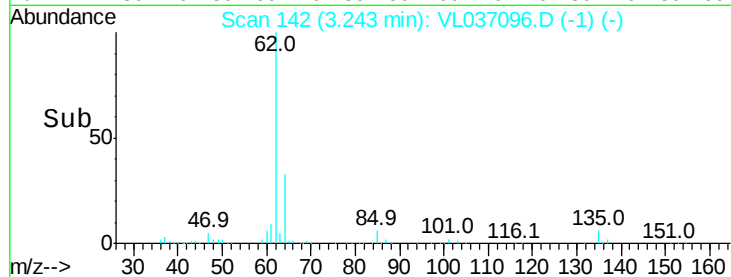
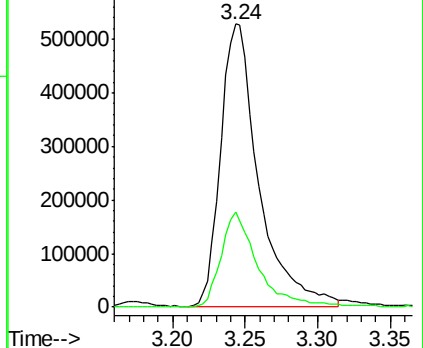
62 100

64 33.5 25.9 38.9



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 11.250 ppbv

RT: 3.46 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL037096.D

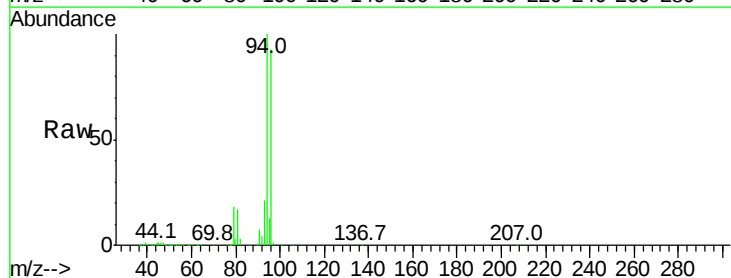
Acq: 2 Jun 2021 8:09

Tgt Ion: 94 Resp: 576394

Ion Ratio Lower Upper

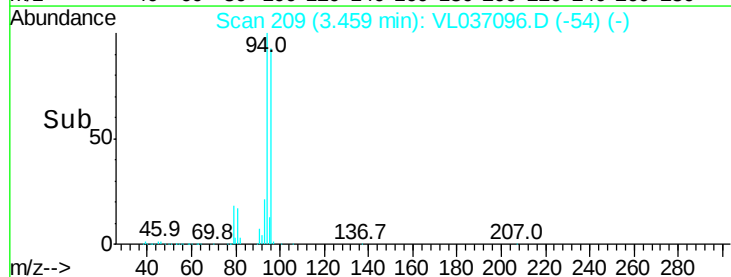
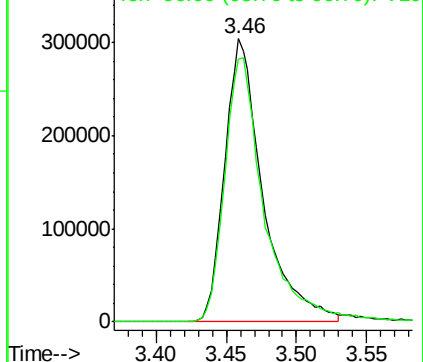
94 100

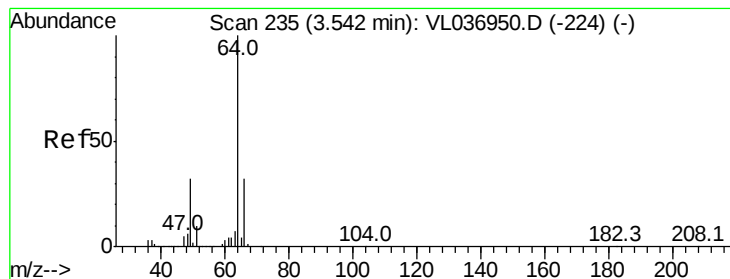
96 92.5 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 11.052 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

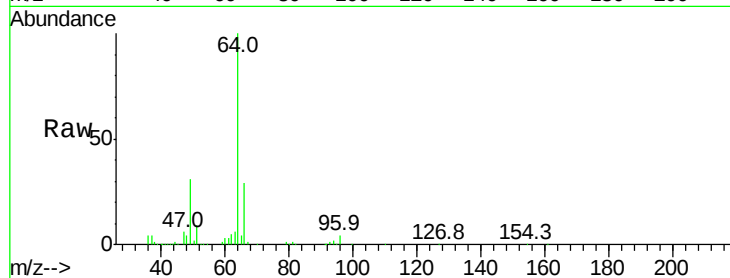
VSTDCCC010EC

Tgt Ion: 64 Resp: 348921

Ion Ratio Lower Upper

64 100

66 29.0 25.4 38.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.54

200000

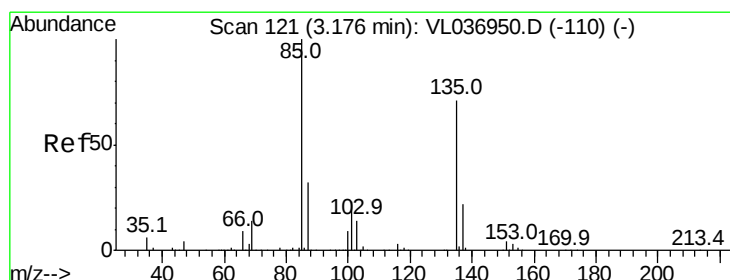
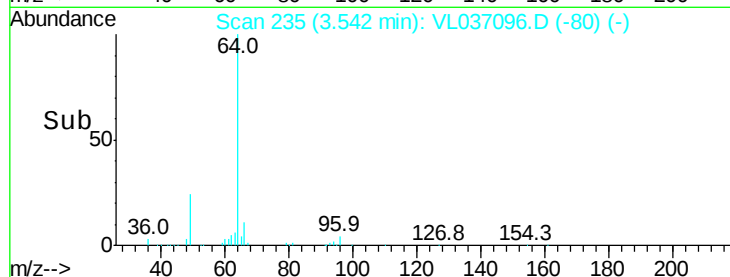
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.809 ppbv

RT: 3.18 min Scan# 121

Delta R.T. -0.00 min

Lab File: VL037096.D

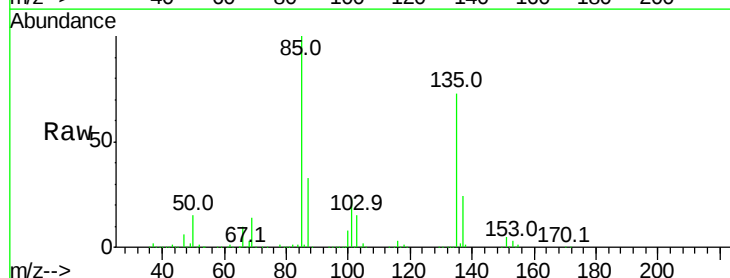
Acq: 2 Jun 2021 8:09

Tgt Ion: 85 Resp: 2456689

Ion Ratio Lower Upper

85 100

135 75.8 57.7 86.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.18

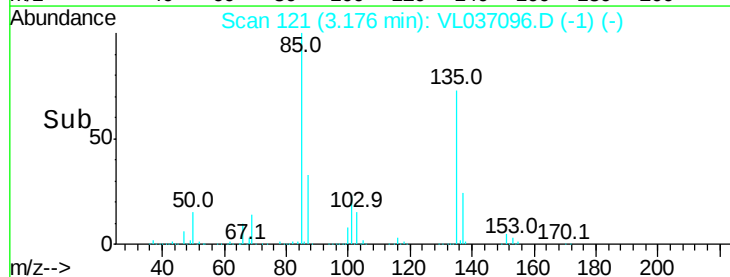
1500000

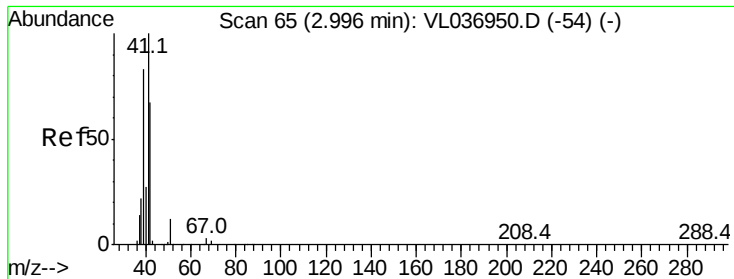
1000000

500000

0

Time-->





#9

Propene

Concen: 8.509 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

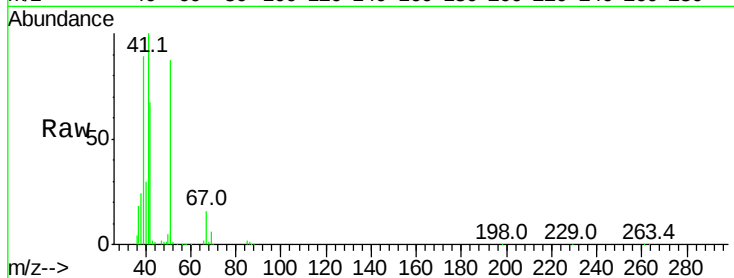
VSTDCCC010EC

Tgt Ion: 41 Resp: 796549

Ion Ratio Lower Upper

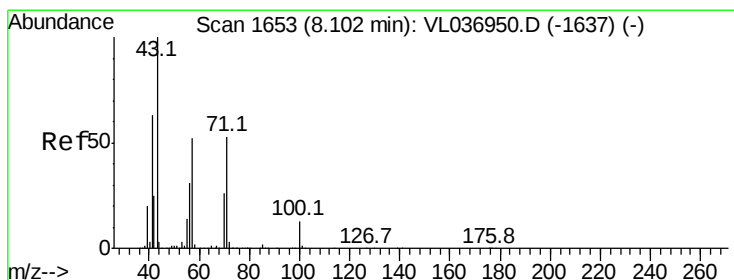
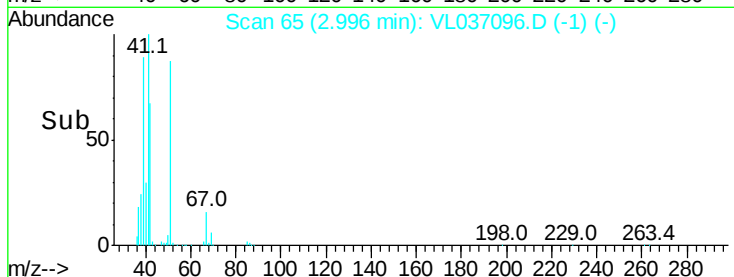
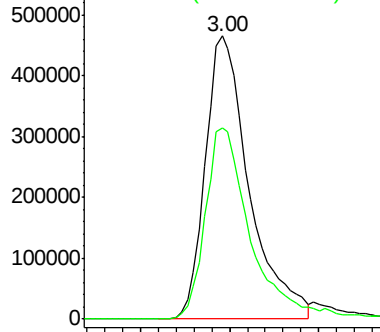
41 100

42 70.7 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 9.173 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VL037096.D

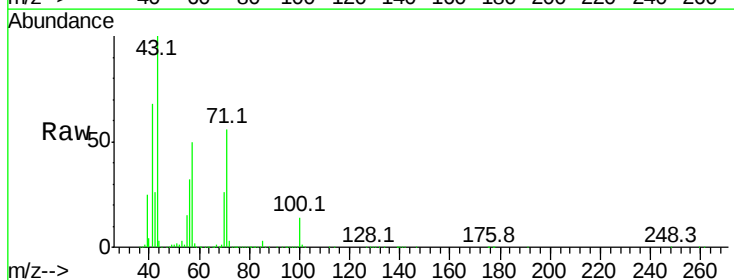
Acq: 2 Jun 2021 8:09

Tgt Ion: 43 Resp: 2139818

Ion Ratio Lower Upper

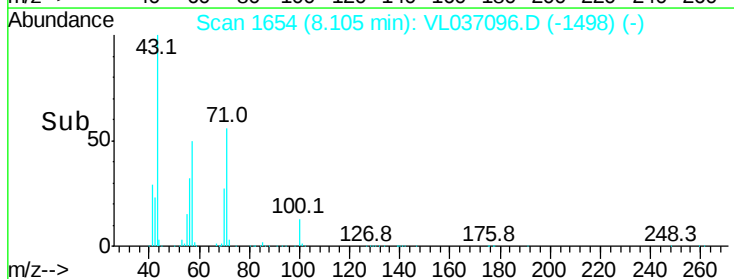
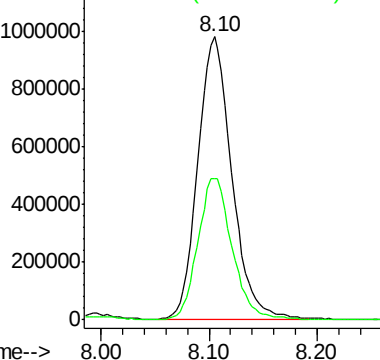
43 100

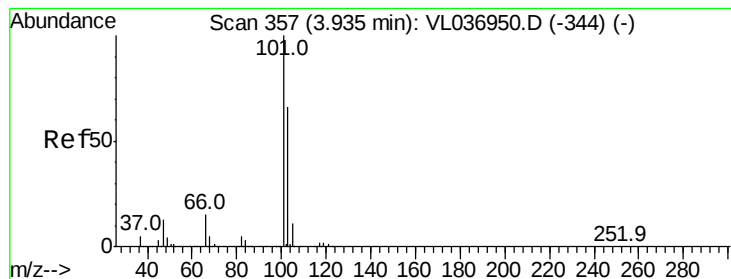
57 51.3 41.0 61.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 11.713 ppbv

RT: 3.93 min Scan# 357

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

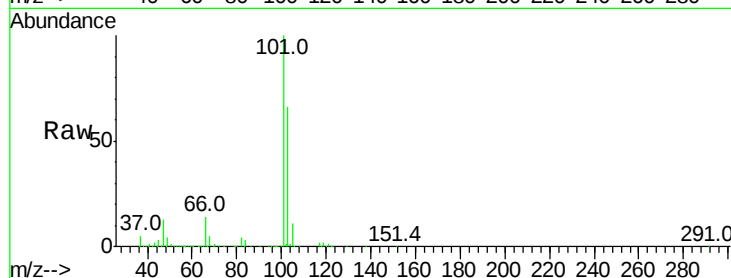
VSTDCCC010EC

Tgt Ion:101 Resp: 2624332

Ion Ratio Lower Upper

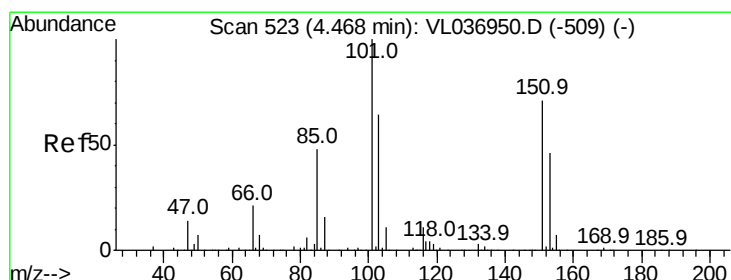
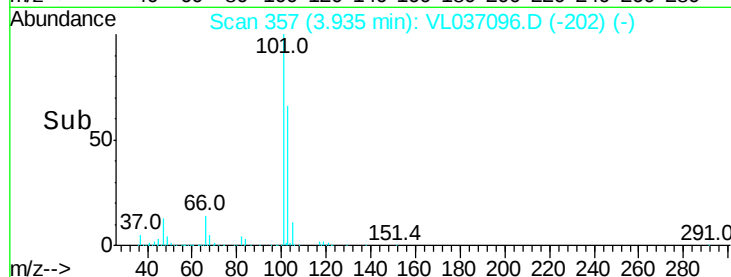
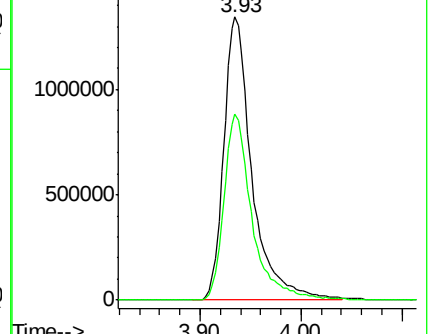
101 100

103 65.8 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 11.353 ppbv

RT: 4.47 min Scan# 523

Delta R.T. -0.00 min

Lab File: VL037096.D

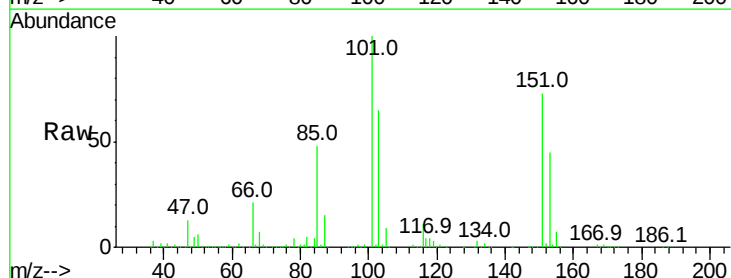
Acq: 2 Jun 2021 8:09

Tgt Ion:101 Resp: 1811905

Ion Ratio Lower Upper

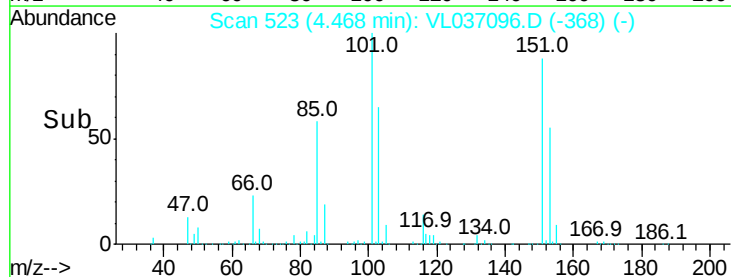
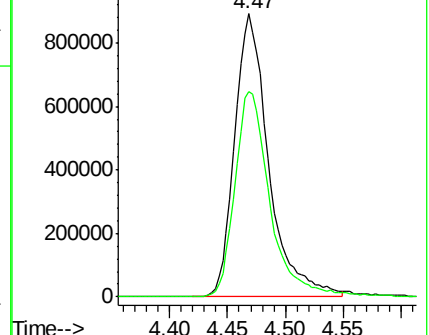
101 100

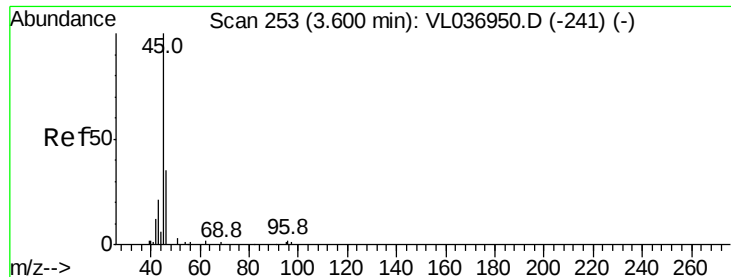
151 75.0 57.7 86.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 7.788 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

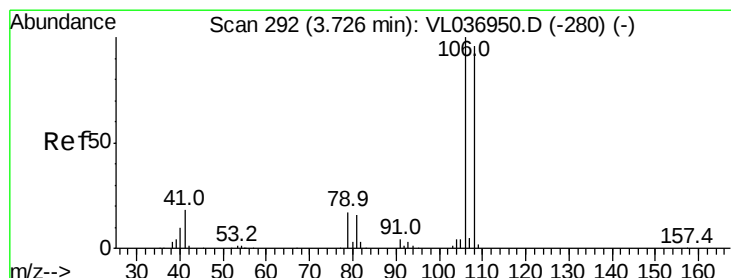
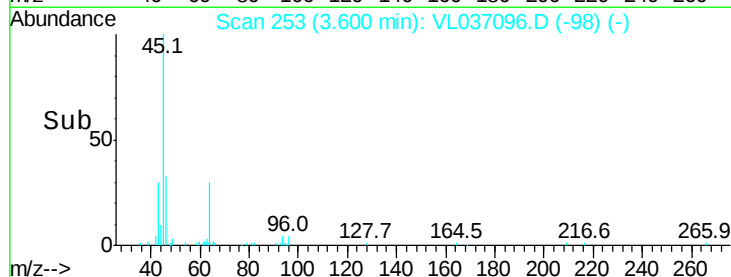
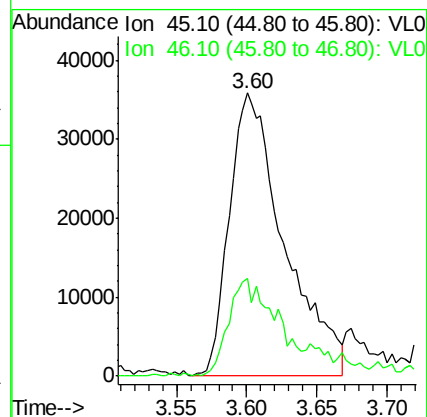
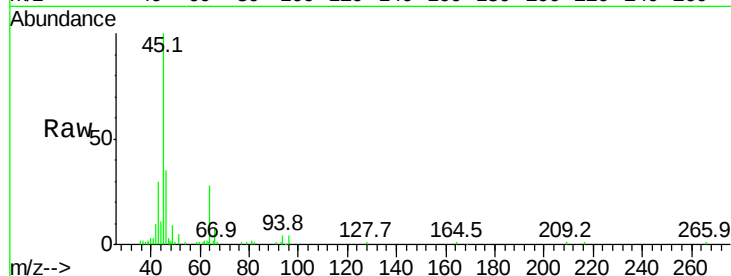
VSTDCCC010EC

Tgt Ion: 45 Resp: 97274

Ion Ratio Lower Upper

45 100

46 39.5 16.3 65.3



#14

Bromoethene

Concen: 10.999 ppbv

RT: 3.73 min Scan# 292

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

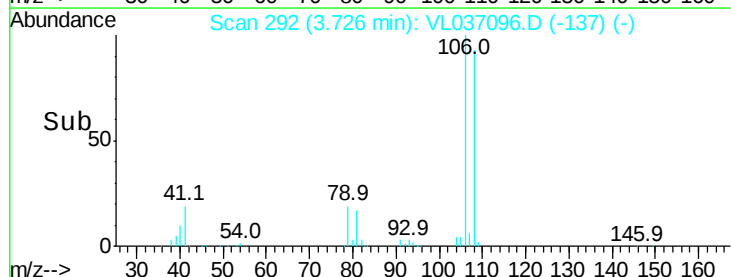
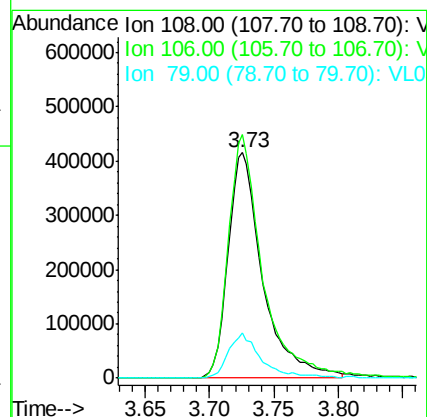
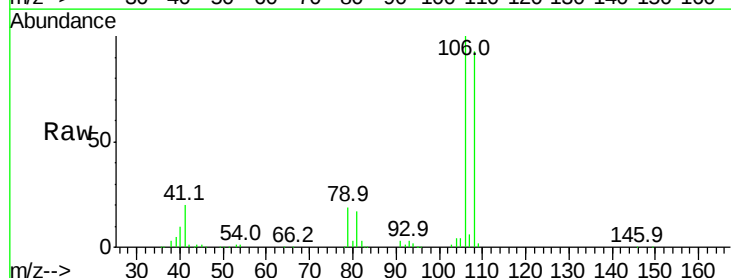
Tgt Ion: 108 Resp: 773192

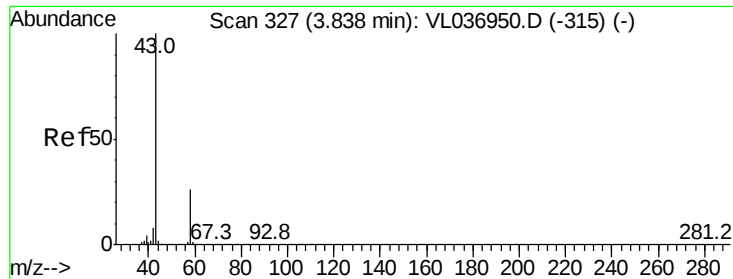
Ion Ratio Lower Upper

108 100

106 108.4 86.5 129.7

79 19.8 15.0 22.4





#15

Acetone

Concen: 8.751 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

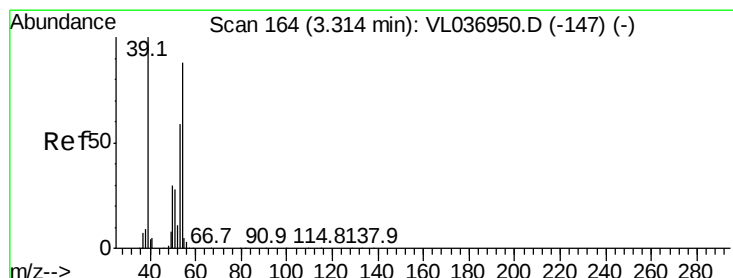
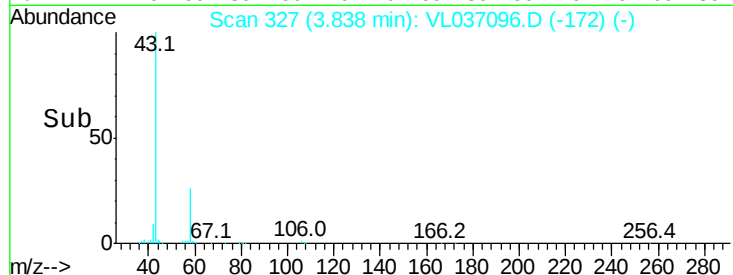
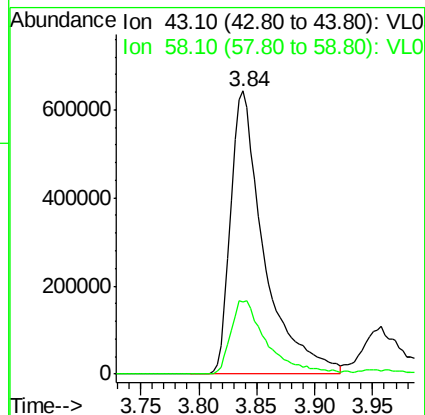
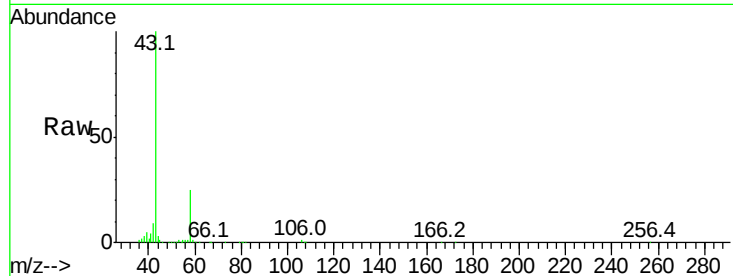
VSTDCCC010EC

Tgt Ion: 43 Resp: 1278969

Ion Ratio Lower Upper

43 100

58 28.4 24.0 36.0



#16

1,3-Butadiene

Concen: 10.317 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.00 min

Lab File: VL037096.D

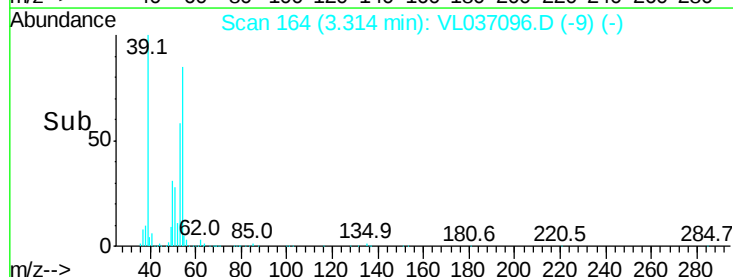
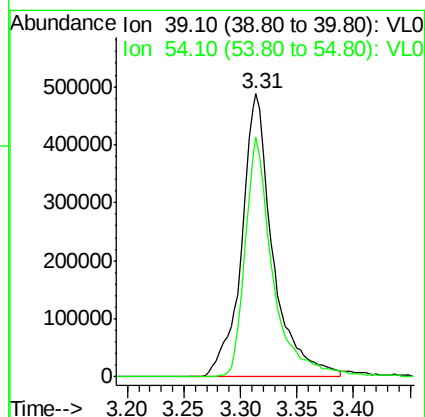
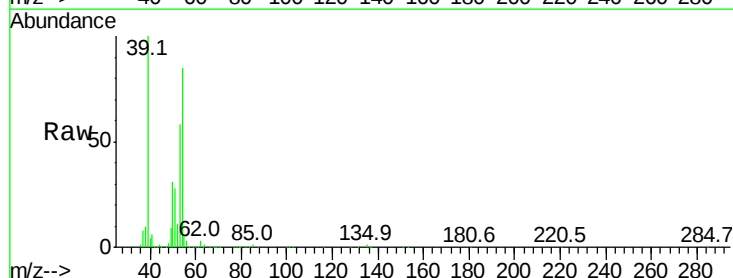
Acq: 2 Jun 2021 8:09

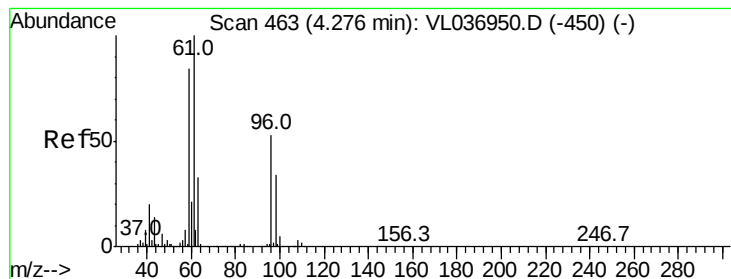
Tgt Ion: 39 Resp: 936840

Ion Ratio Lower Upper

39 100

54 75.7 63.2 94.8





#17

tert-Butyl alcohol

Concen: 10.055 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

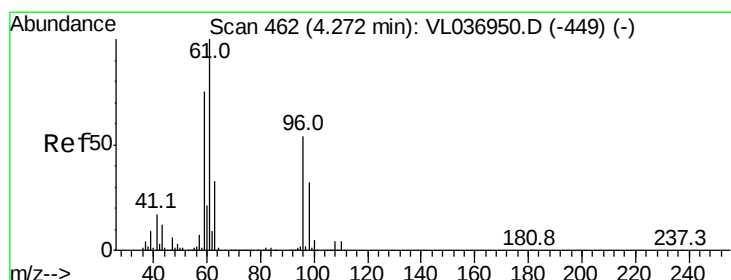
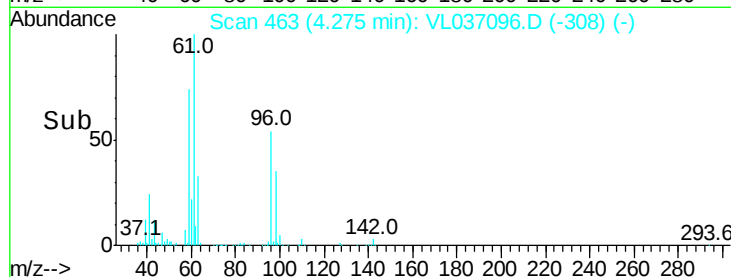
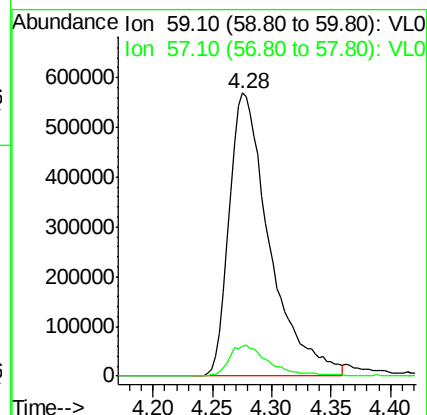
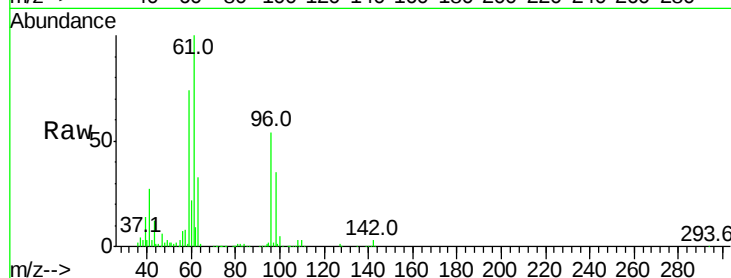
VSTDCCC010EC

Tgt Ion: 59 Resp: 1346197

Ion Ratio Lower Upper

59 100

57 11.2 8.3 12.5



#18

1,1-Dichloroethene

Concen: 10.858 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

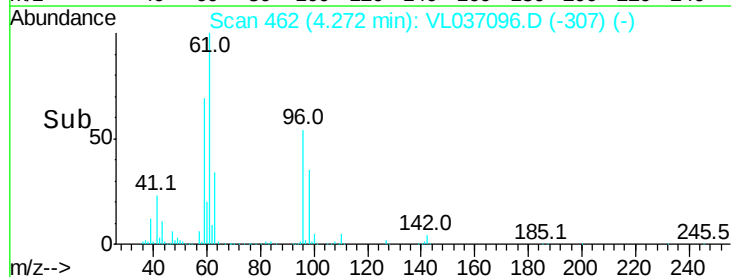
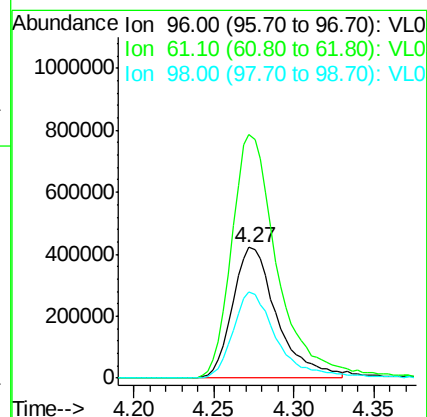
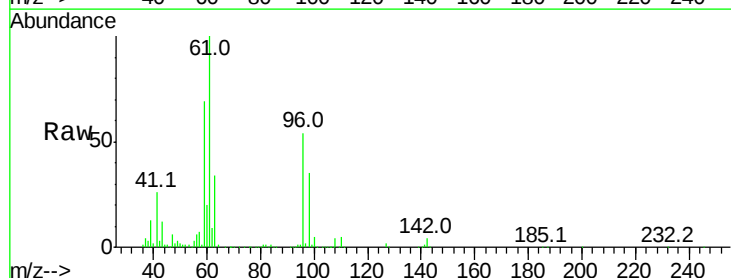
Tgt Ion: 96 Resp: 801293

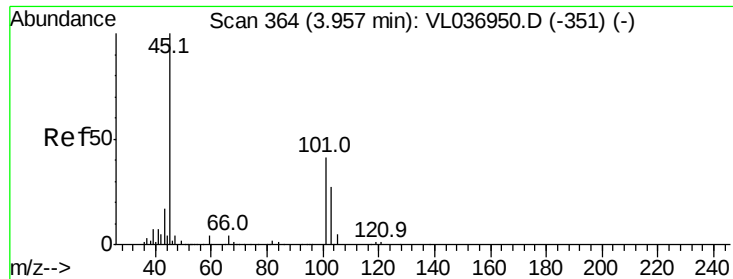
Ion Ratio Lower Upper

96 100

61 185.7 148.2 222.4

98 65.6 47.8 71.6





#19

Isopropyl Alcohol

Concen: 10.022 ppbv

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

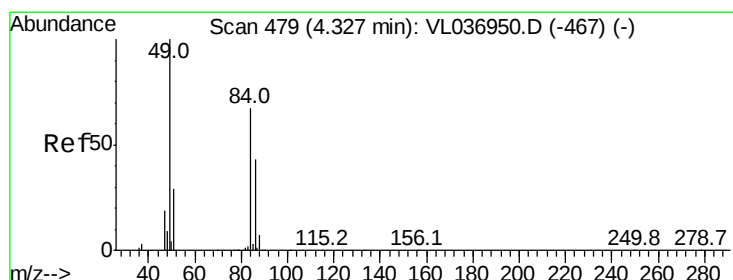
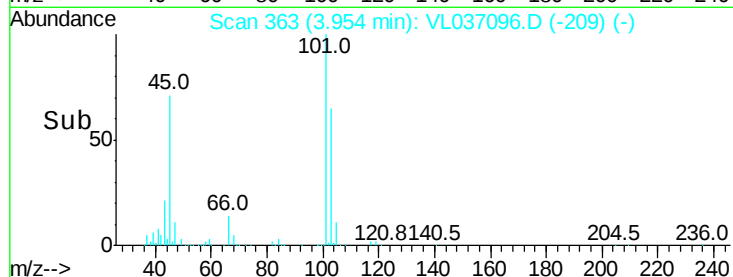
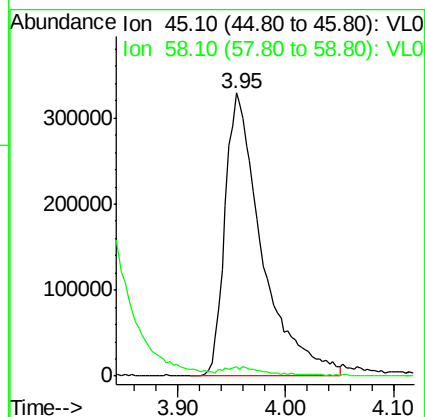
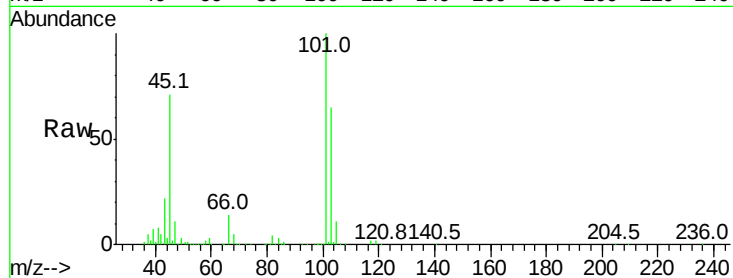
VSTDCCC010EC

Tgt Ion: 45 Resp: 787367

Ion Ratio Lower Upper

45 100

58 3.3 37.2 55.8#



#20

Methylene Chloride

Concen: 8.101 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Tgt Ion: 84 Resp: 634682

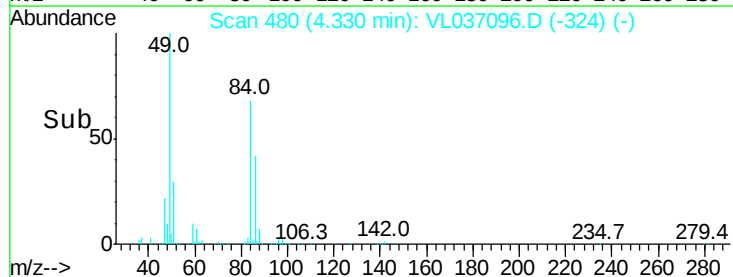
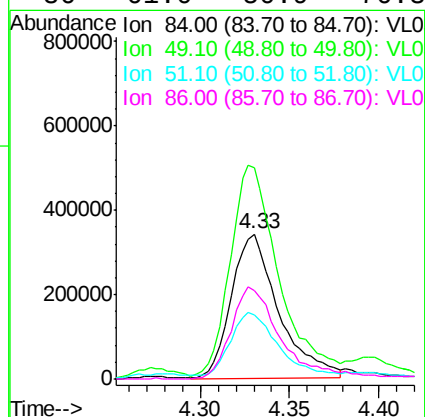
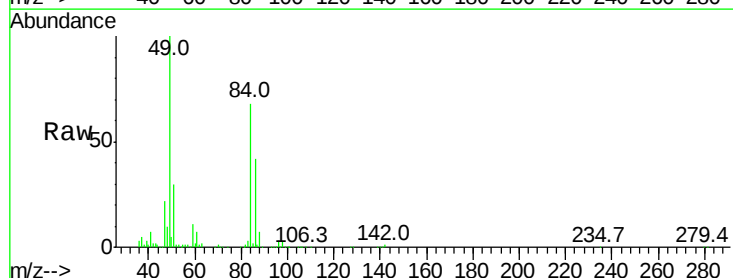
Ion Ratio Lower Upper

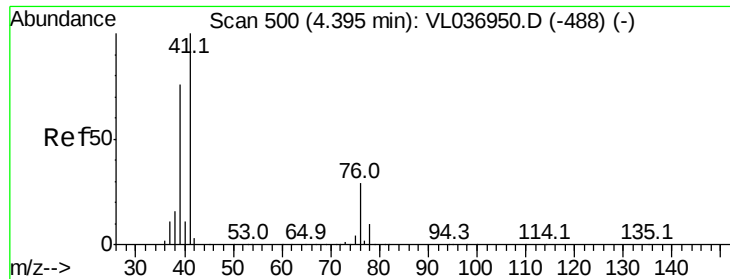
84 100

49 145.2 119.8 179.6

51 41.8 35.1 52.7

86 61.0 50.9 76.3





#21

Allyl Chloride

Concen: 10.330 ppbv

RT: 4.40 min Scan# 501

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

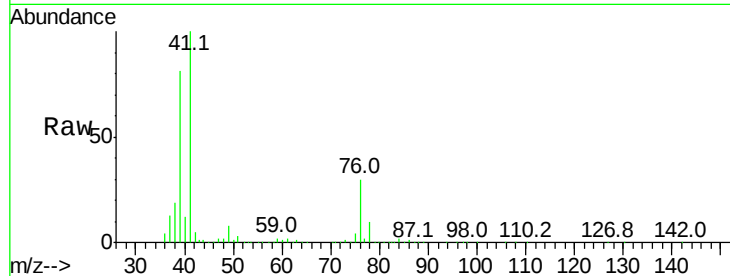
Tgt Ion: 41 Resp: 1138948

Ion Ratio Lower Upper

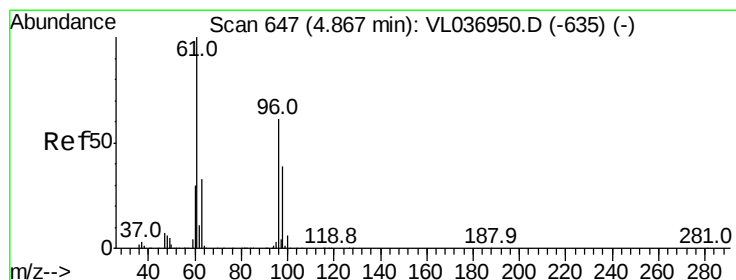
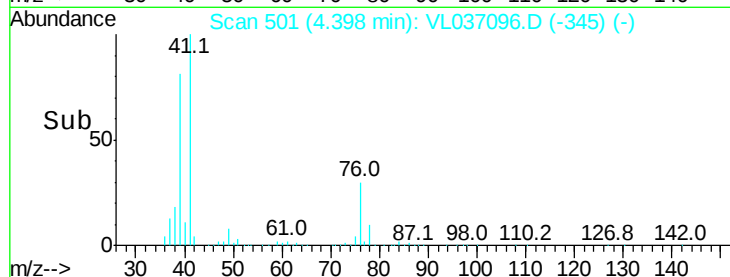
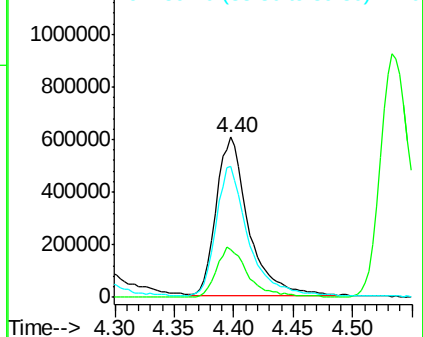
41 100

76 31.3 24.9 37.3

39 82.7 63.7 95.5



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 11.442 ppbv

RT: 4.87 min Scan# 647

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

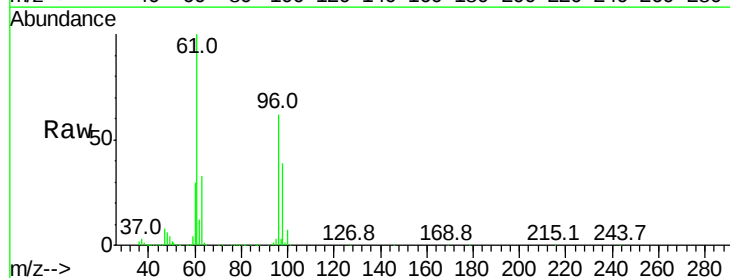
Tgt Ion: 96 Resp: 809288

Ion Ratio Lower Upper

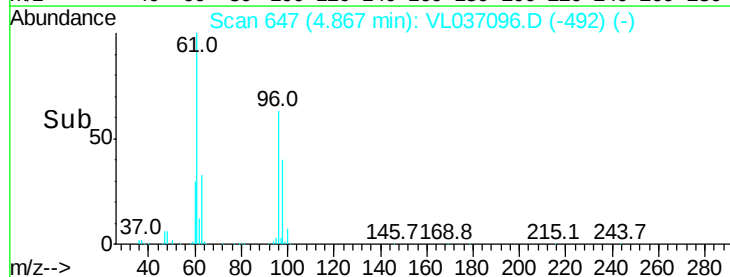
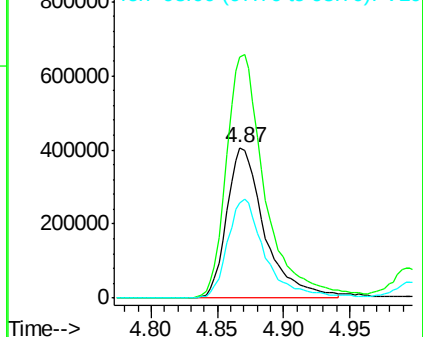
96 100

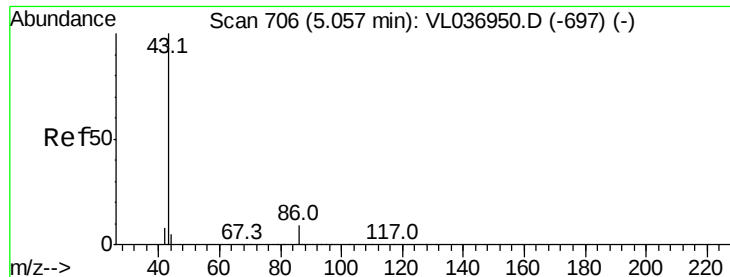
61 160.3 130.6 196.0

98 63.2 50.8 76.2



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 9.186 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

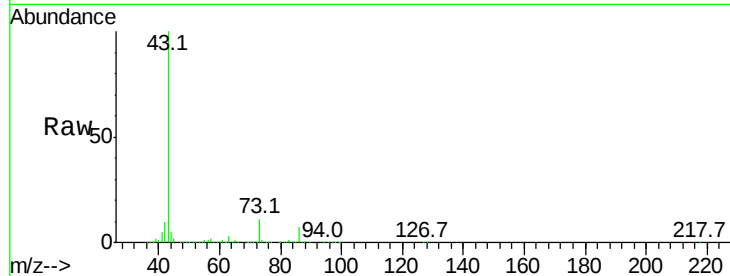
MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2131014

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.8	8.8
42	9.7	7.4	11.2
44	5.0	3.3	4.9#

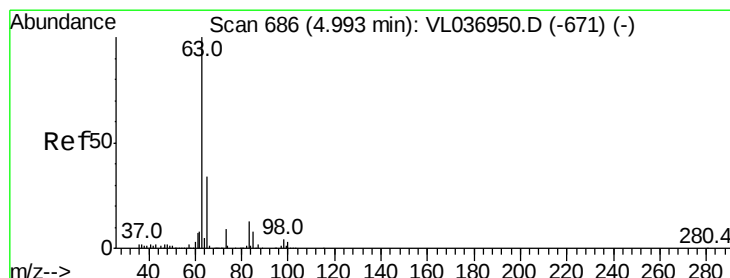
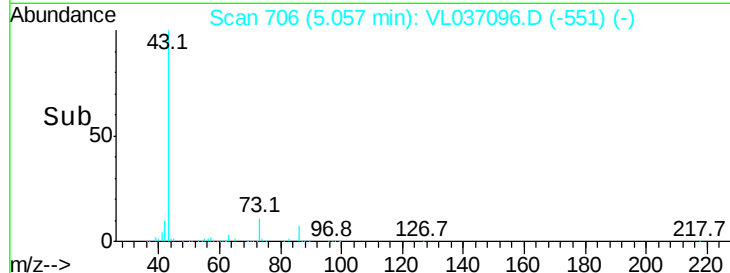
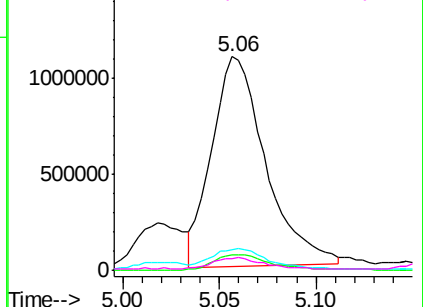


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 10.742 ppbv

RT: 5.00 min Scan# 687

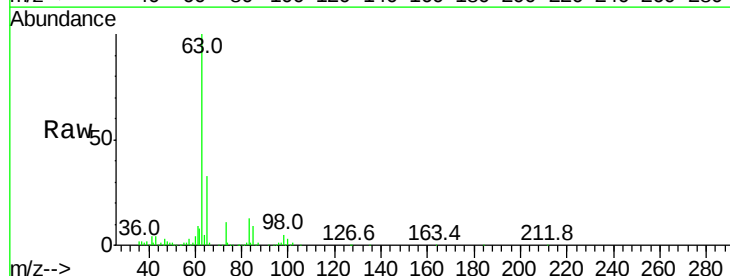
Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Tgt Ion: 63 Resp: 1793637

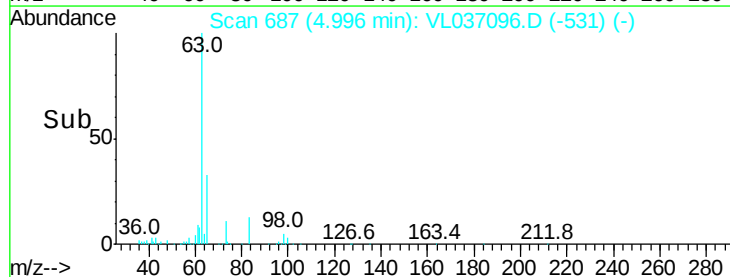
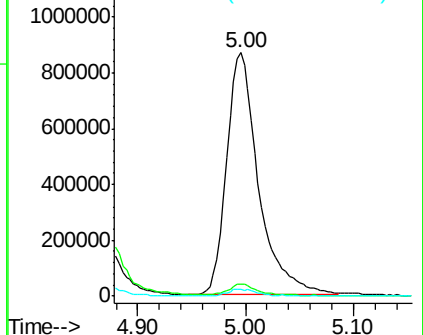
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.3	6.9
100	3.0	1.4	4.0

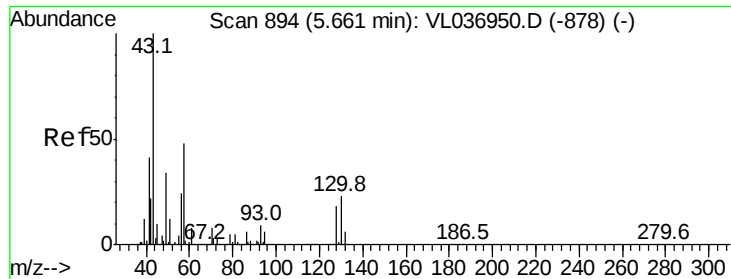


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 9.409 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 3304636

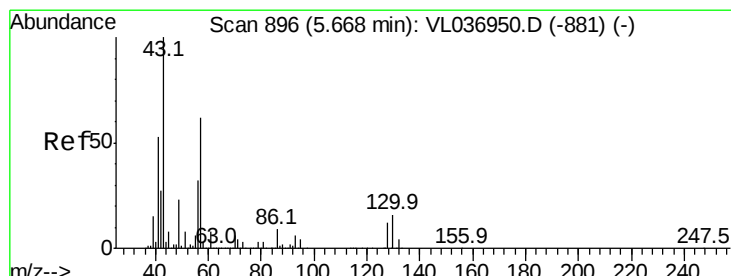
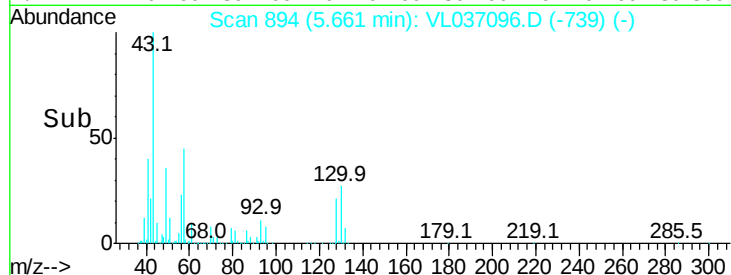
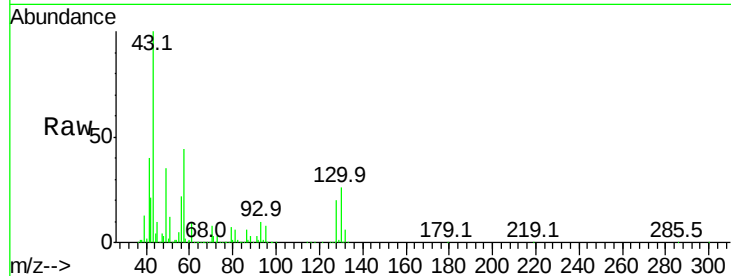
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.8
61	9.9	7.8	11.8
70	6.9	5.6	8.4

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: 8.938 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Tgt Ion: 57 Resp: 1603540

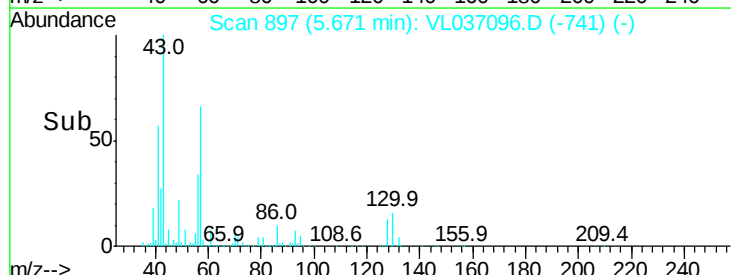
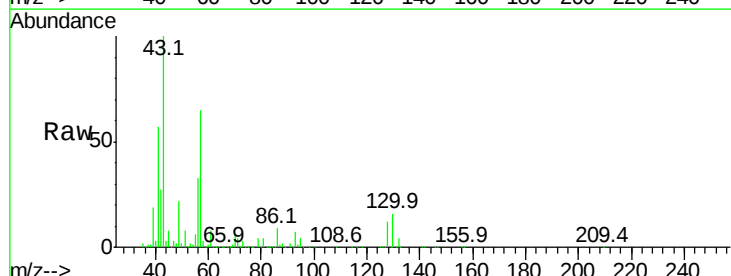
Ion	Ratio	Lower	Upper
57	100		
41	91.8	70.5	105.7
43	211.2	165.8	248.8
56	53.1	42.2	63.4

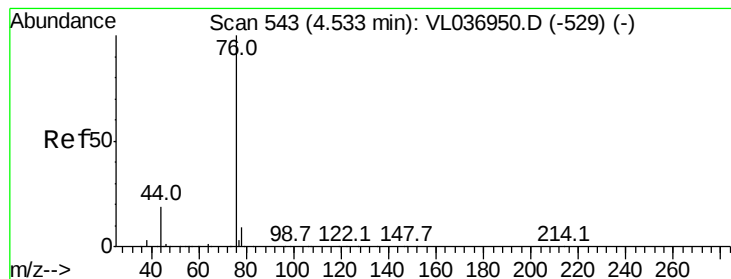
Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 10.065 ppbv

RT: 4.53 min Scan# 543

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

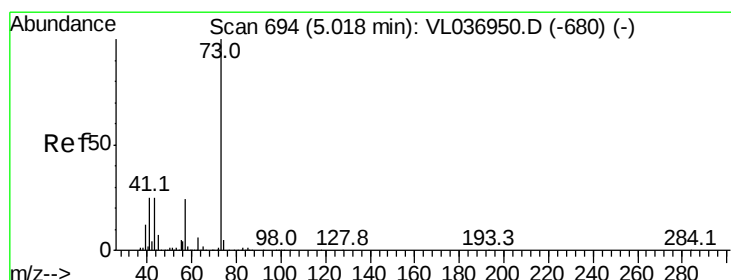
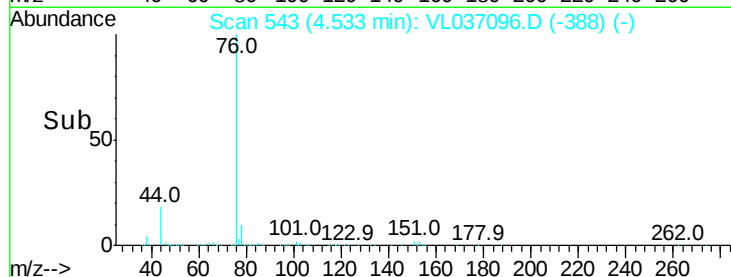
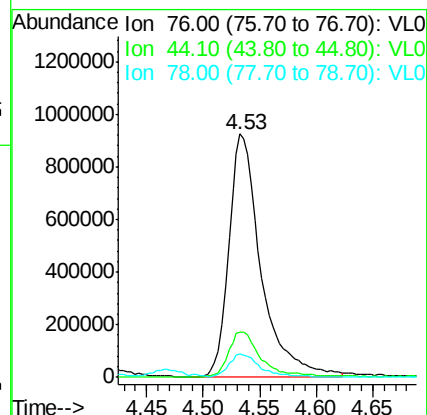
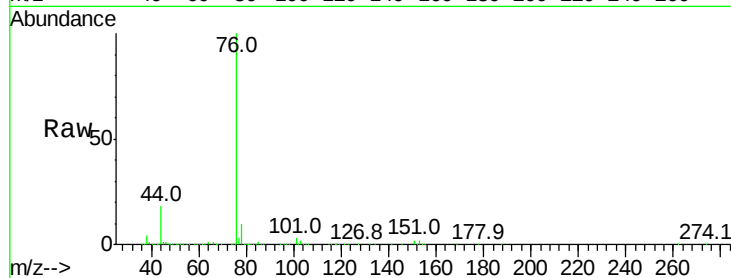
Tgt Ion: 76 Resp: 1820051

Ion Ratio Lower Upper

76 100

44 19.2 15.5 23.3

78 9.6 7.8 11.6



#28

Methyl tert-Butyl Ether

Concen: 9.541 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: VL037096.D

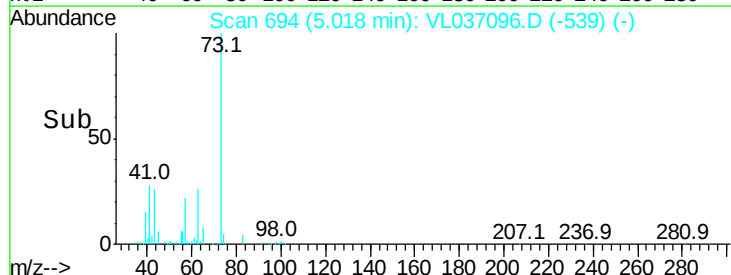
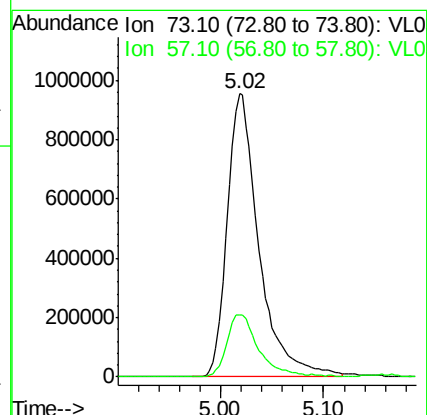
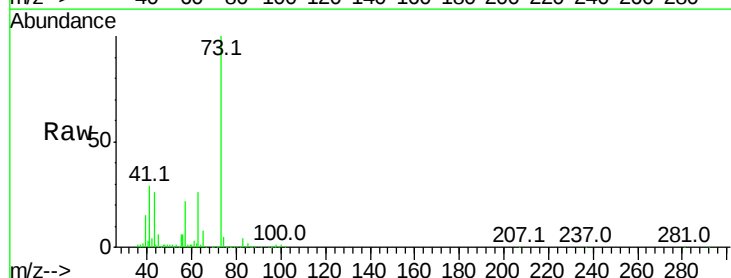
Acq: 2 Jun 2021 8:09

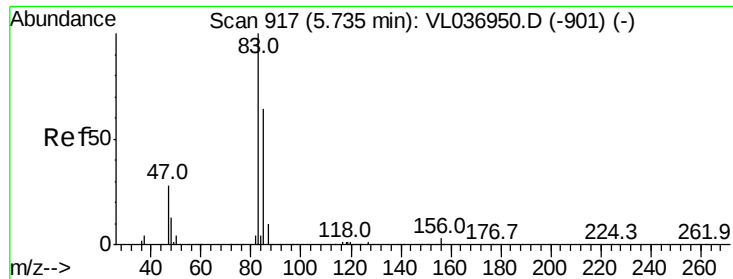
Tgt Ion: 73 Resp: 2051904

Ion Ratio Lower Upper

73 100

57 22.4 18.3 27.5

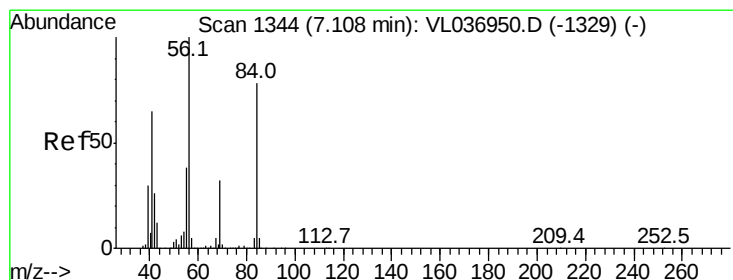
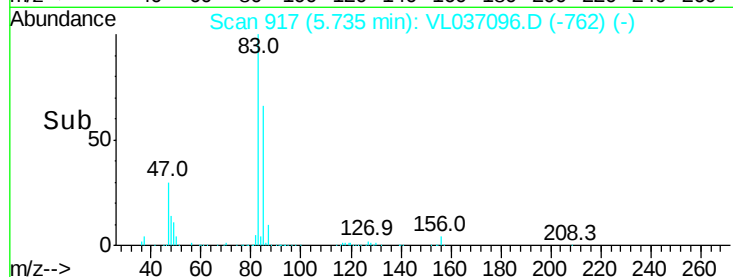
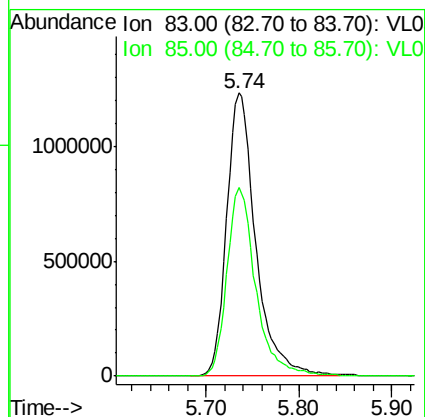
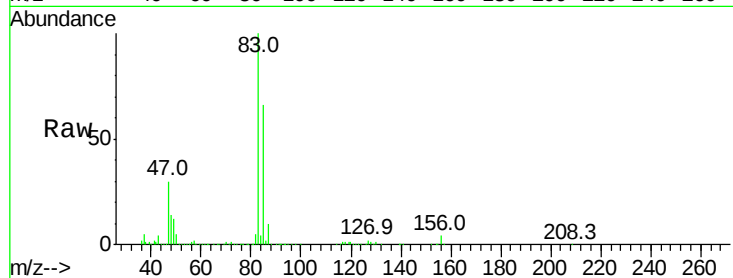




#29
Chloroform
Concen: 10.585 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL037096.D
Acq: 2 Jun 2021 8:09

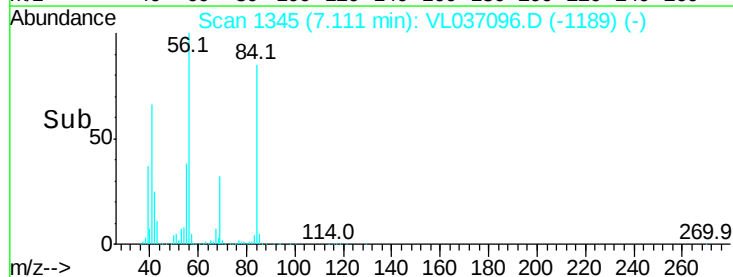
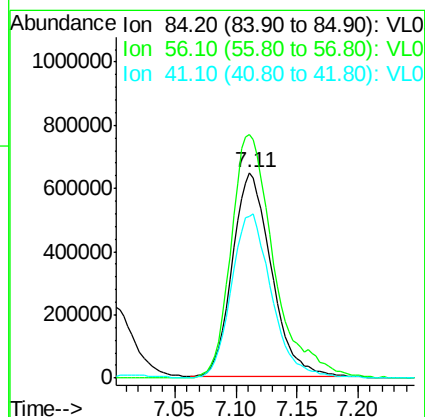
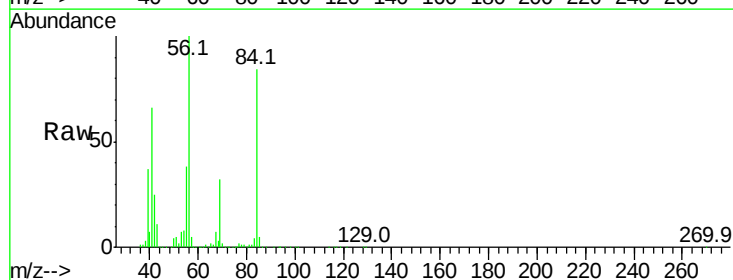
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

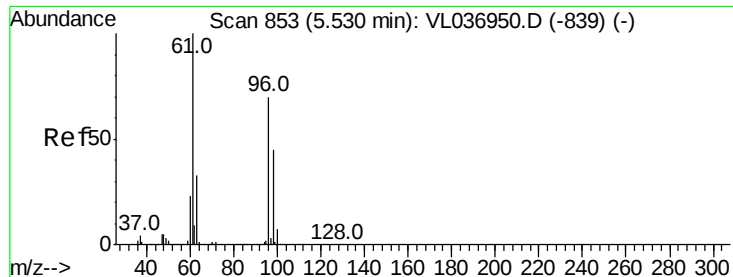
Tgt Ion: 83 Resp: 2683106
Ion Ratio Lower Upper
83 100
85 66.3 51.1 76.7



#30
Cyclohexane
Concen: 9.387 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL037096.D
Acq: 2 Jun 2021 8:09

Tgt Ion: 84 Resp: 1431183
Ion Ratio Lower Upper
84 100
56 132.1 107.9 161.9
41 84.0 65.5 98.3



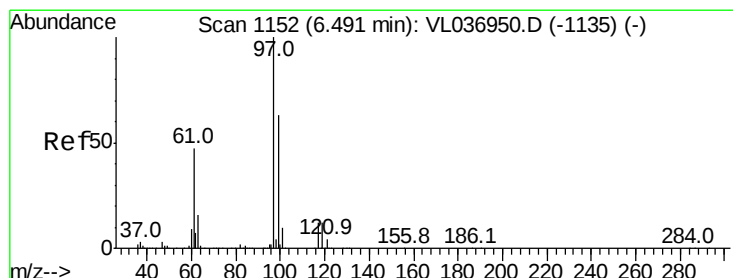
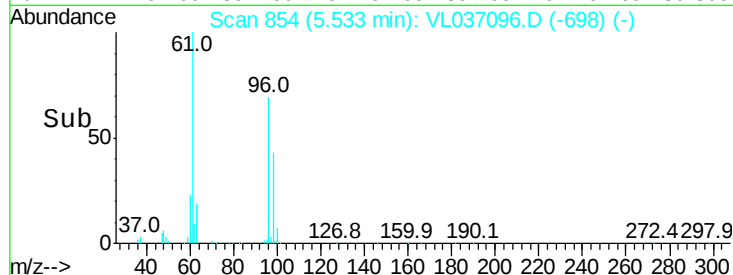
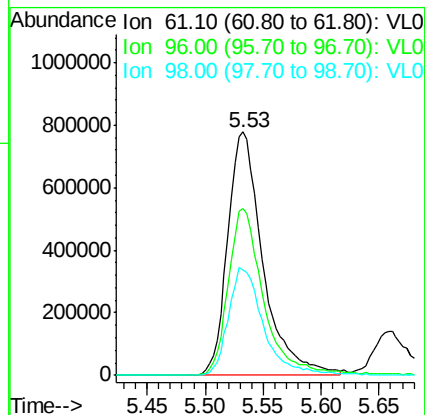
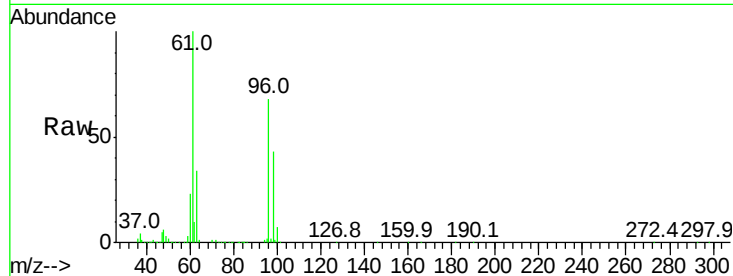


#31

cis-1,2-Dichloroethene
 Concen: 10.171 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

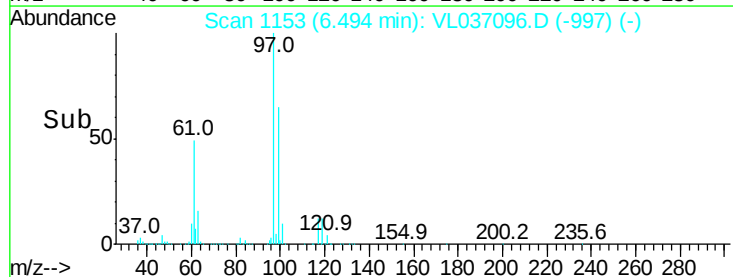
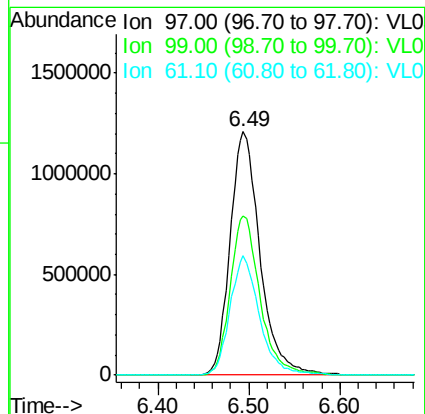
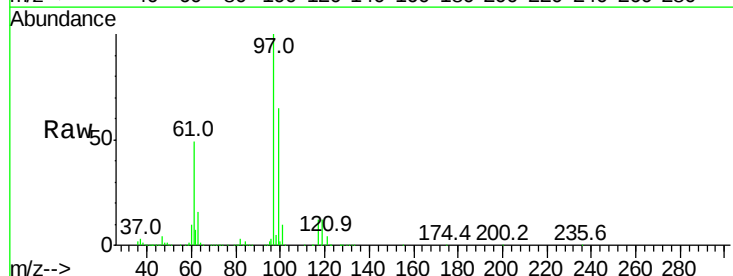
Tgt Ion: 61 Resp: 1636076
 Ion Ratio Lower Upper
 61 100
 96 68.4 55.9 83.9
 98 43.0 35.6 53.4

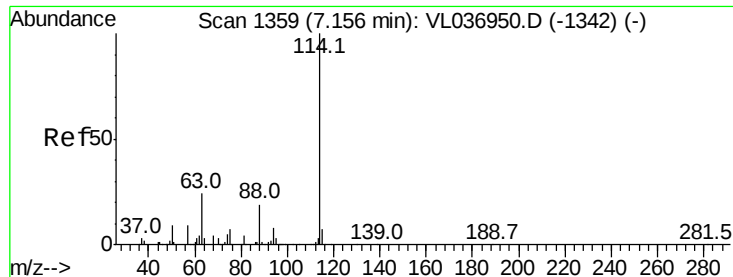


#32

1,1,1-Trichloroethane
 Concen: 10.157 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Tgt Ion: 97 Resp: 2764648
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.9 77.9
 61 48.7 37.6 56.4

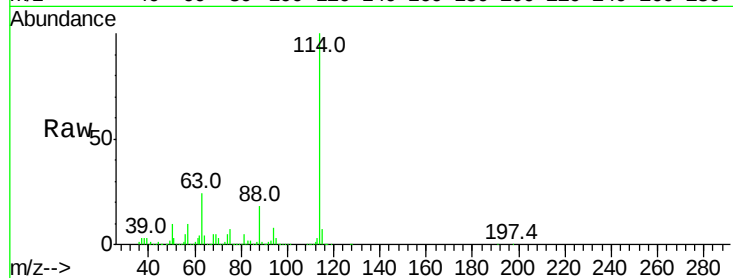




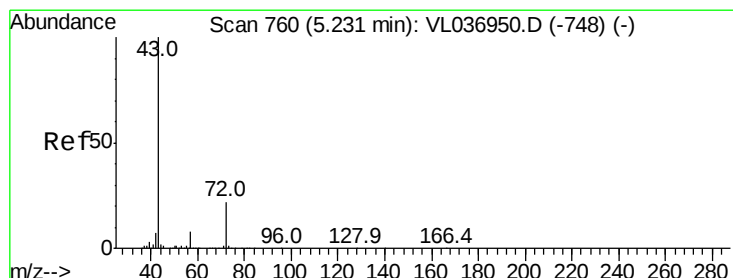
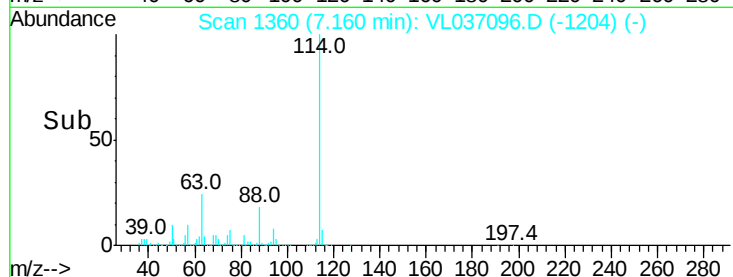
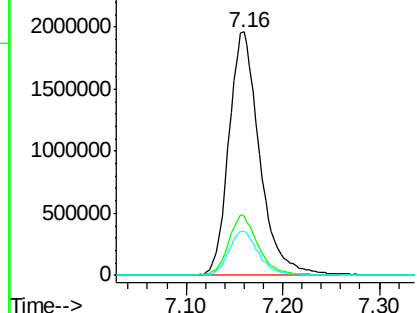
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:114 Resp: 4330285
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 17.9 14.6 21.8

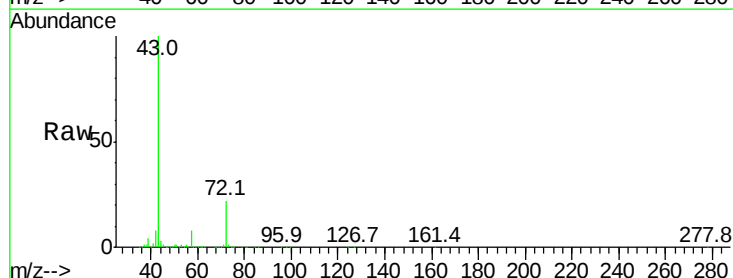


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

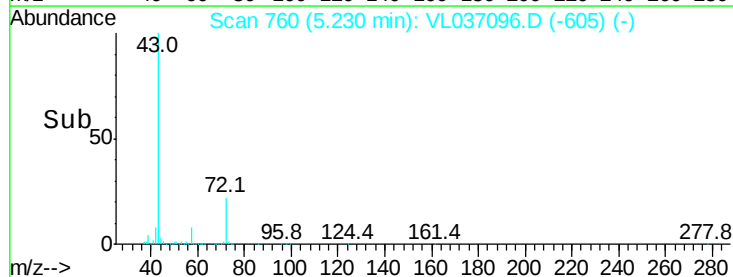
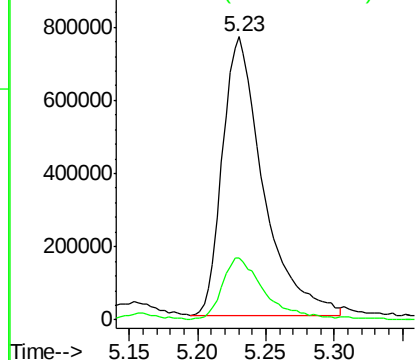


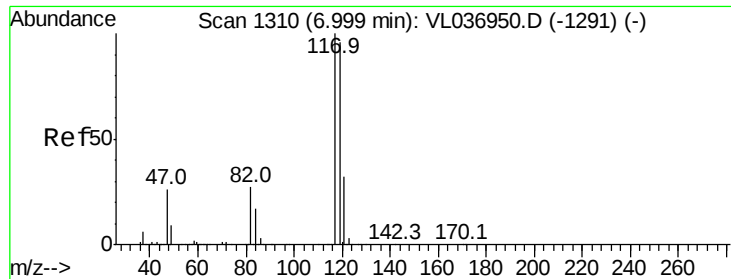
#34
 2-Butanone
 Concen: 10.052 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Tgt Ion: 43 Resp: 1584946
 Ion Ratio Lower Upper
 43 100
 72 23.7 19.0 28.4



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.340 ppbv

RT: 7.00 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

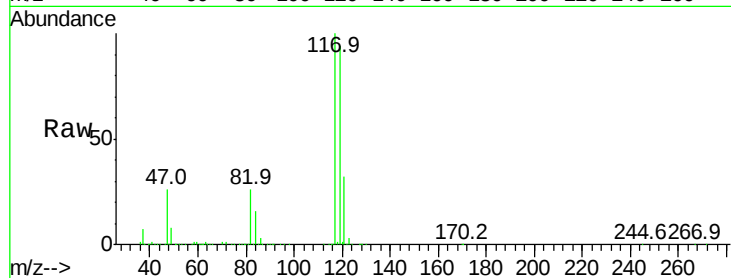
Tgt Ion:117 Resp: 2974937

Ion Ratio Lower Upper

117 100

119 93.8 76.6 114.8

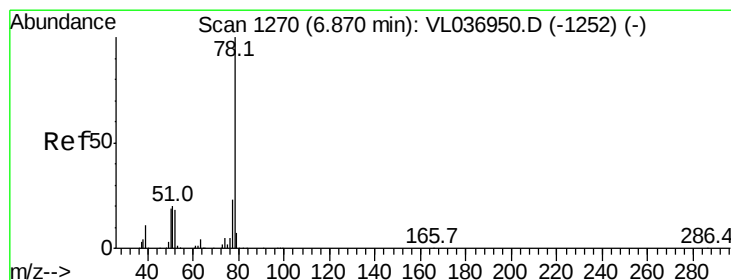
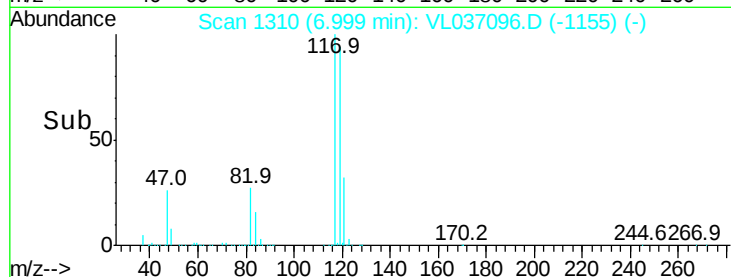
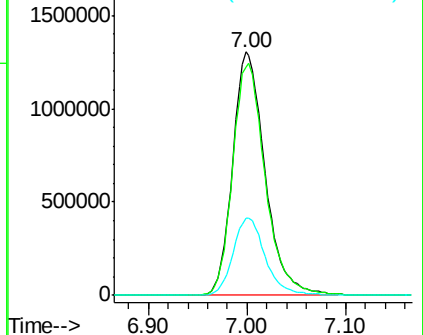
121 31.6 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.163 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

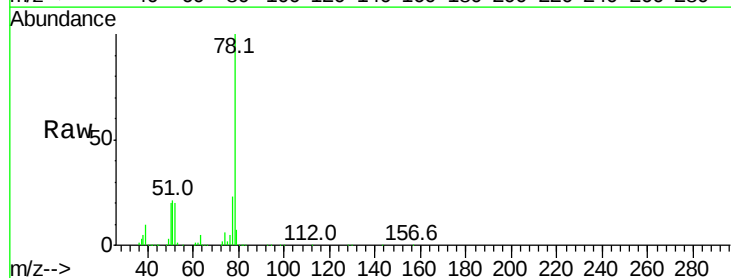
Tgt Ion: 78 Resp: 3417718

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

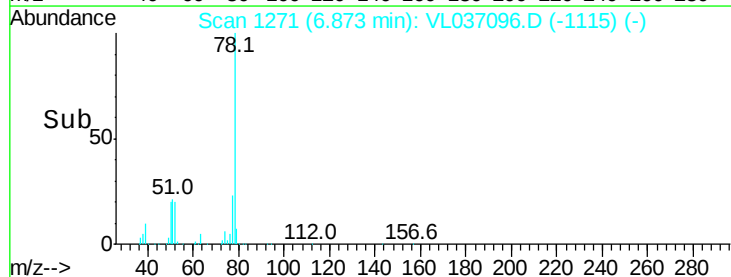
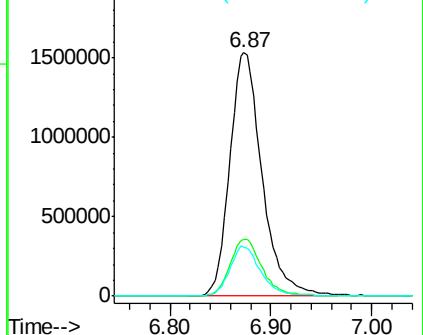
50 20.0 15.0 22.4

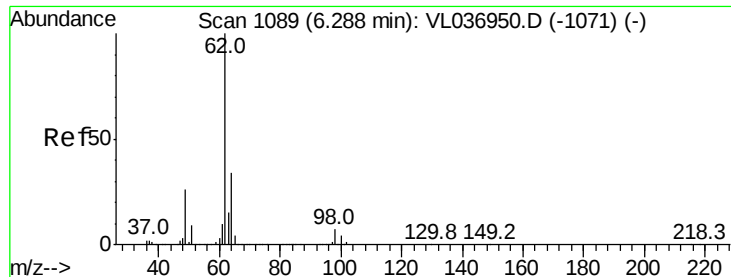


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

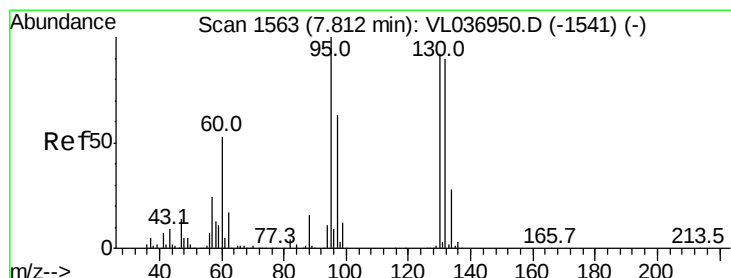
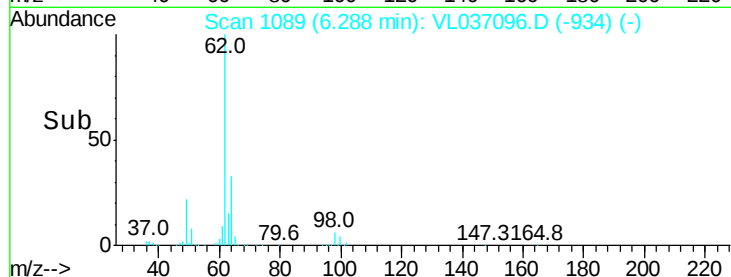
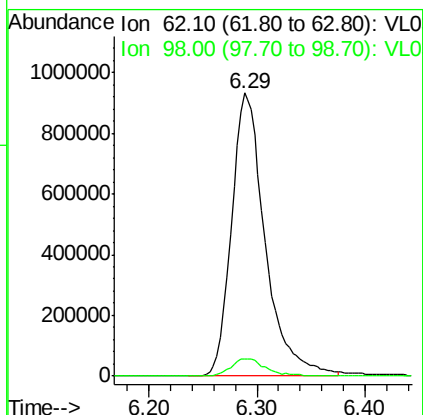
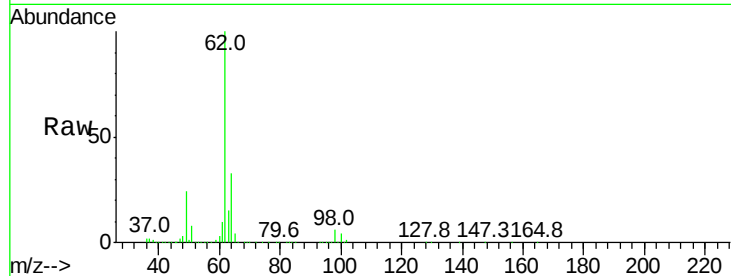




#37
 1,2-Dichloroethane
 Concen: 10.941 ppbv
 RT: 6.29 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

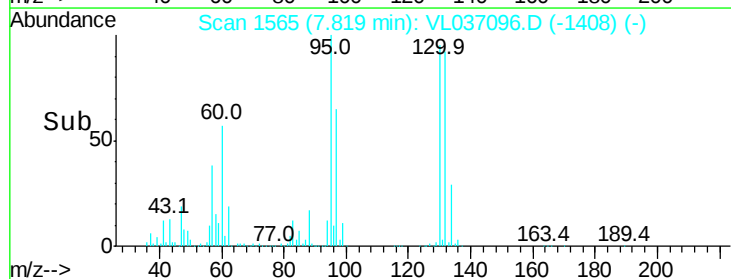
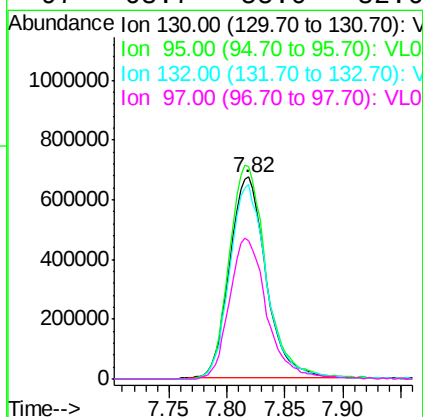
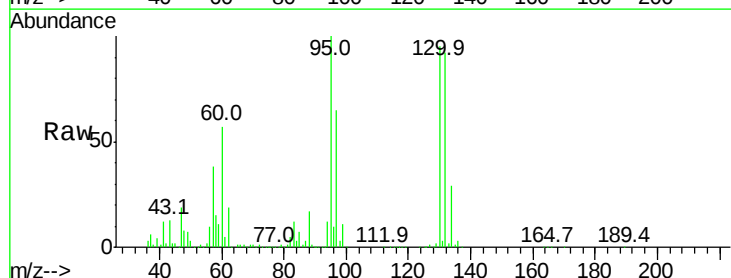
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

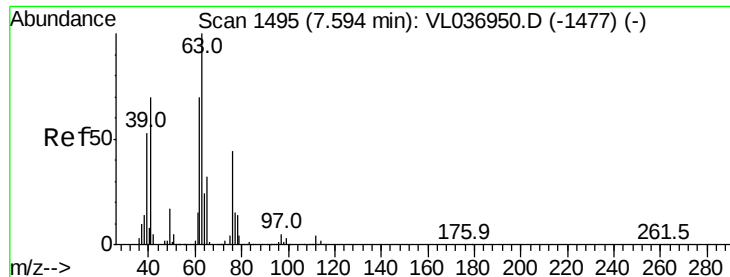
Tgt Ion: 62 Resp: 2023254
 Ion Ratio Lower Upper
 62 100
 98 6.4 5.5 8.3



#38
 Trichloroethene
 Concen: 9.177 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Tgt Ion:130 Resp: 1464289
 Ion Ratio Lower Upper
 130 100
 95 105.7 86.9 130.3
 132 97.1 78.4 117.6
 97 68.7 55.0 82.6





#39

1,2-Dichloropropane

Concen: 8.941 ppbv

RT: 7.60 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

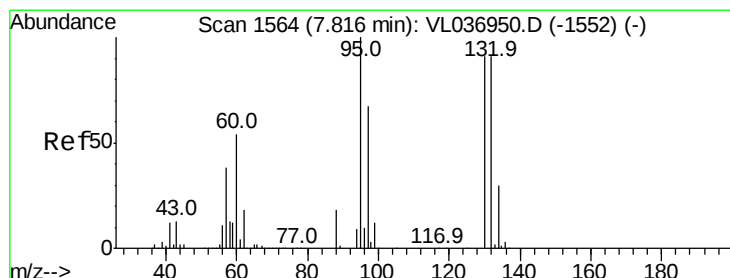
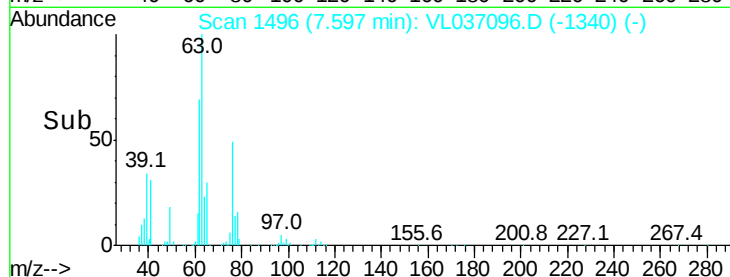
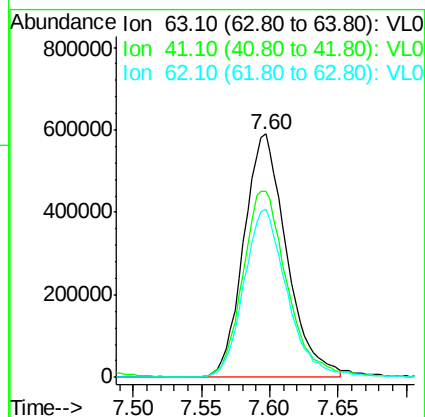
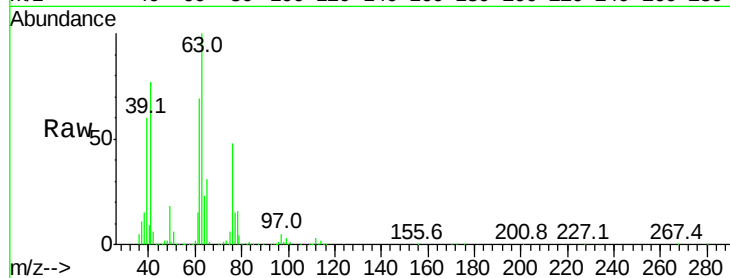
Tgt Ion: 63 Resp: 1284618

Ion Ratio Lower Upper

63 100

41 76.5 55.7 83.5

62 69.0 56.2 84.4



#40

1,4-Dioxane

Concen: 9.357 ppbv

RT: 7.82 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Tgt Ion: 88 Resp: 317445

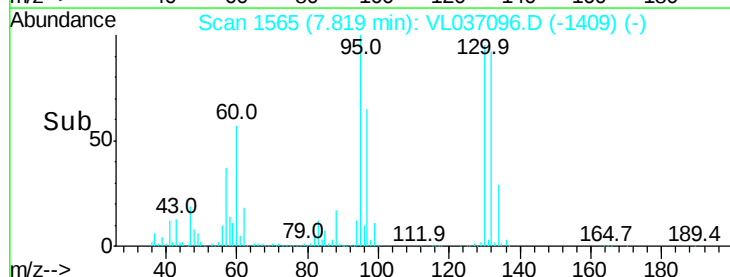
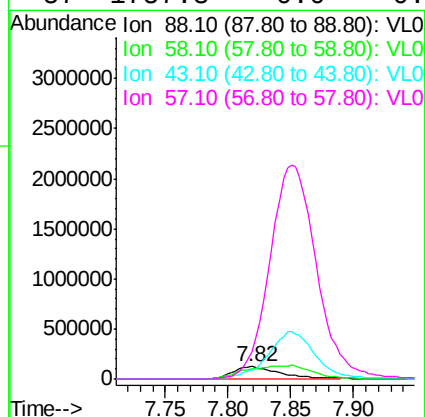
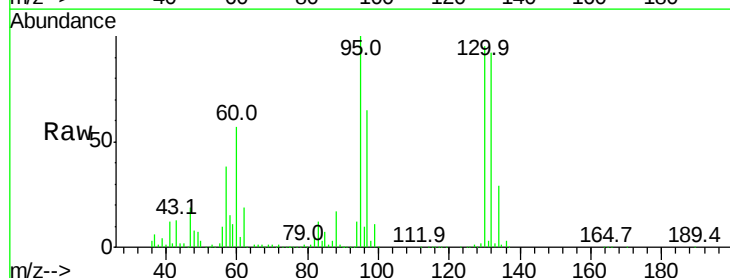
Ion Ratio Lower Upper

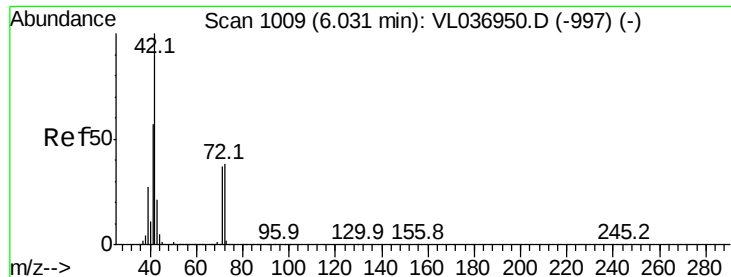
88 100

58 157.7 0.0 0.0#

43 393.1 0.0 0.0#

57 1757.3 0.0 0.0#





#41

Tetrahydrofuran

Concen: 8.747 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

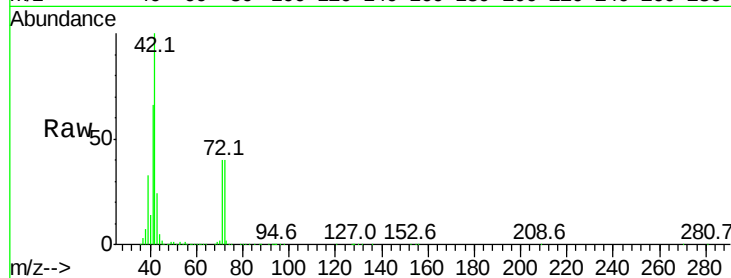
Tgt Ion: 42 Resp: 785552

Ion Ratio Lower Upper

42 100

72 40.4 31.4 47.2

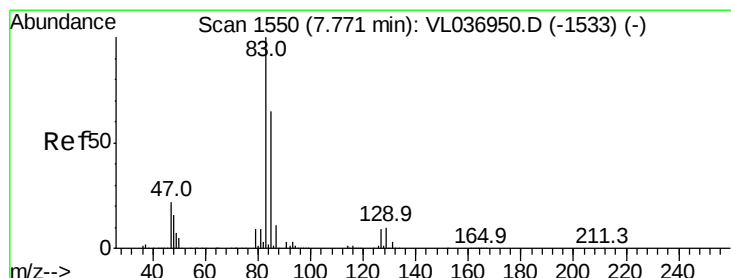
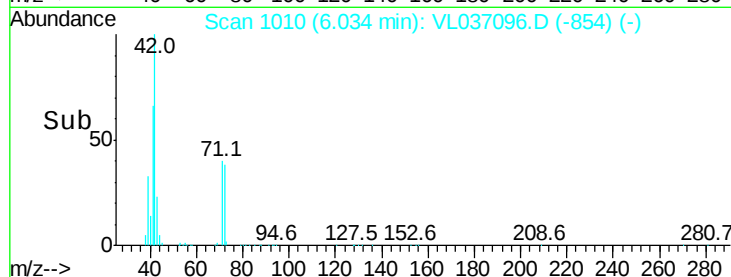
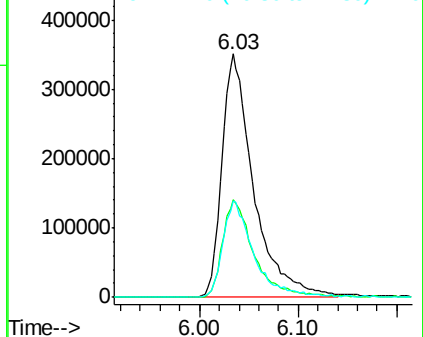
71 39.6 30.4 45.6



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: 10.257 ppbv

RT: 7.77 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

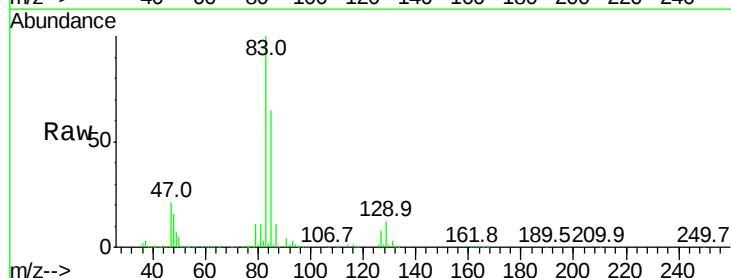
Tgt Ion: 83 Resp: 2869603

Ion Ratio Lower Upper

83 100

85 65.3 51.7 77.5

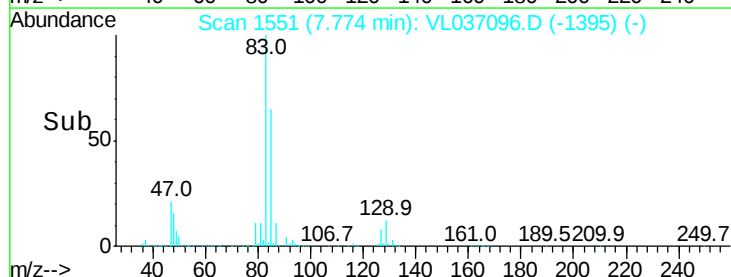
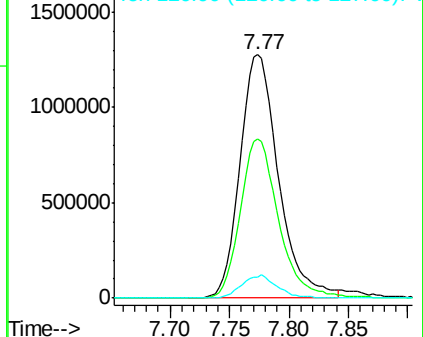
127 8.3 6.9 10.3

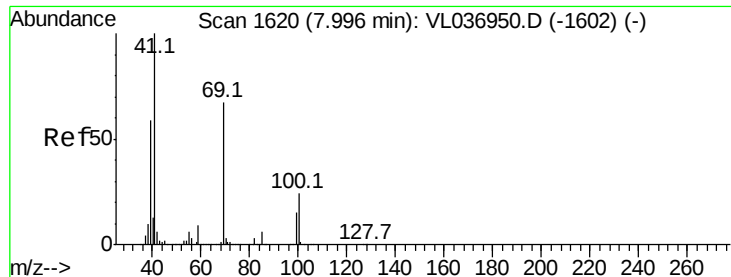


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 9.614 ppbv

RT: 8.00 min Scan# 1620

Delta R.T. -0.00 min

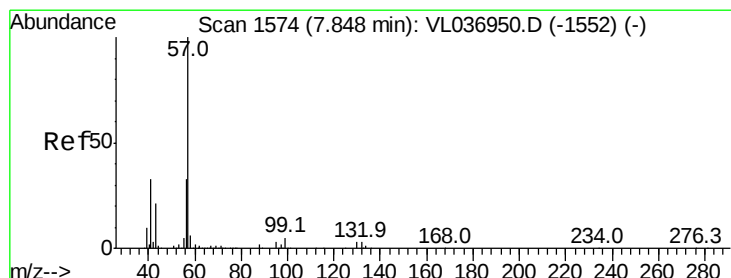
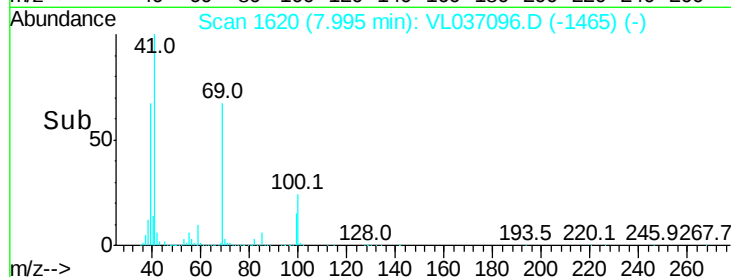
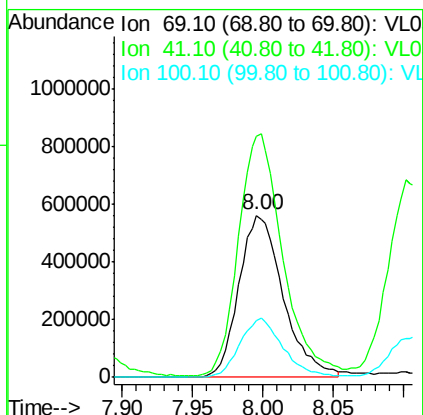
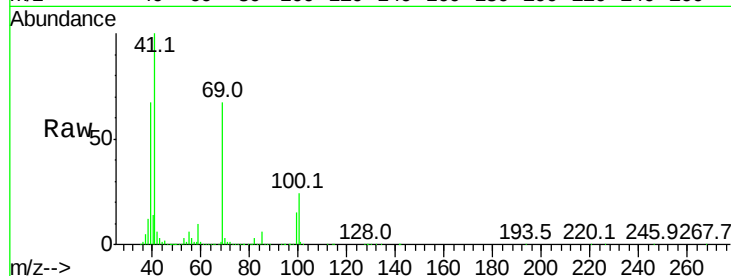
Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1235968

Ion	Ratio	Lower	Upper
69	100		
41	151.2	118.6	178.0
100	35.6	28.2	42.4



#44

2,2,4-Trimethylpentane

Concen: 8.693 ppbv

RT: 7.85 min Scan# 1575

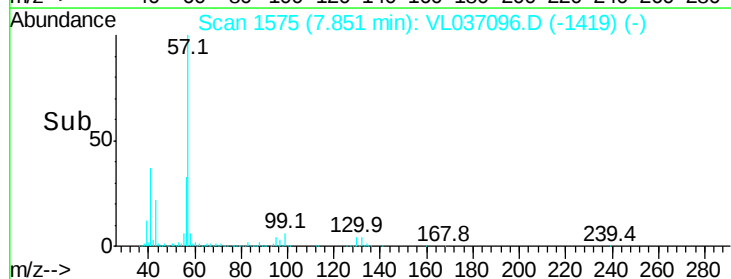
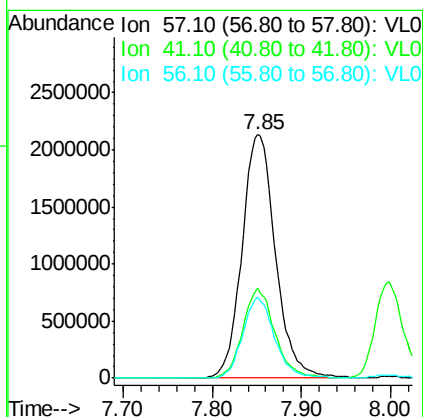
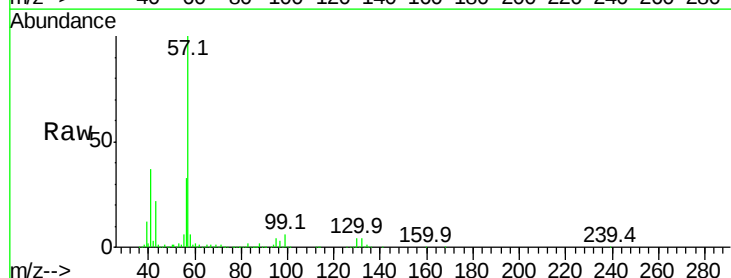
Delta R.T. 0.00 min

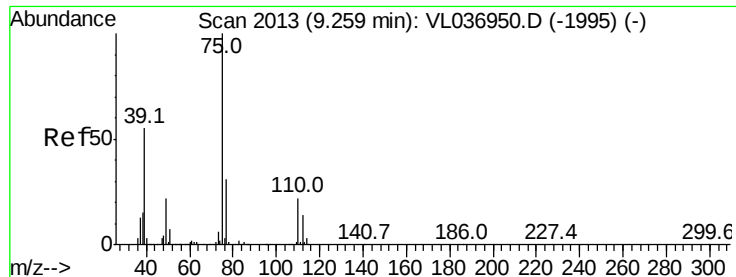
Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Tgt Ion: 57 Resp: 5563128

Ion	Ratio	Lower	Upper
57	100		
41	35.1	27.0	40.4
56	31.6	25.4	38.2





#45

t-1,3-Dichloropropene

Concen: 12.026 ppbv

RT: 9.26 min Scan# 2013

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

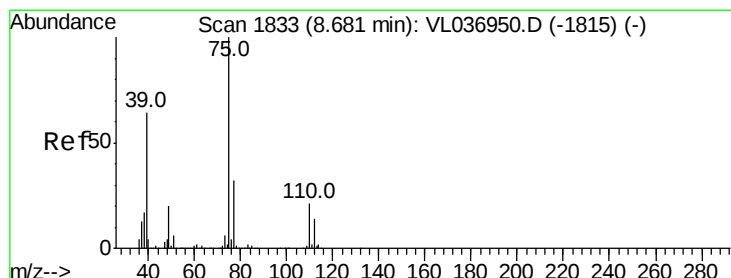
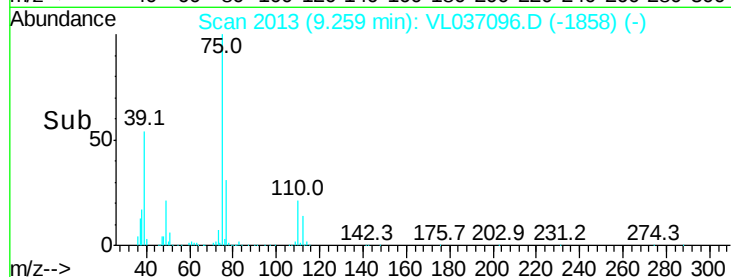
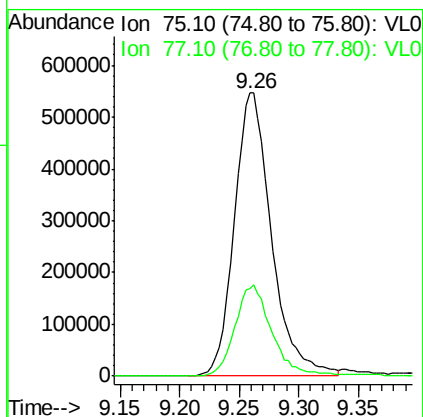
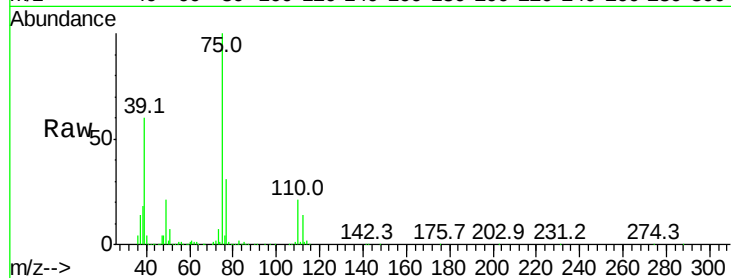
VSTDCCC010EC

Tgt Ion: 75 Resp: 1181184

Ion Ratio Lower Upper

75 100

77 30.8 24.4 36.6



#46

cis-1,3-Dichloropropene

Concen: 11.360 ppbv

RT: 8.68 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

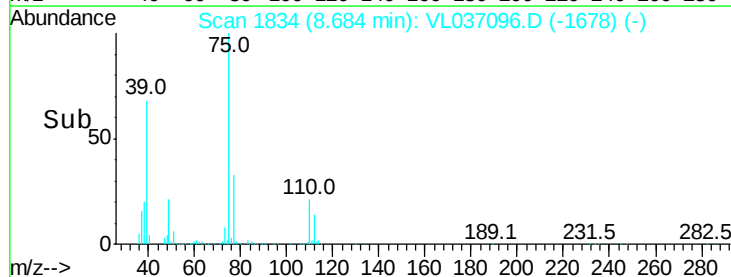
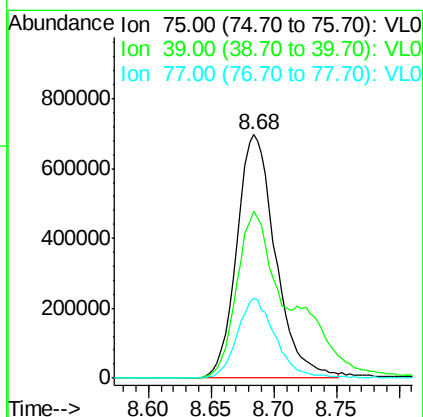
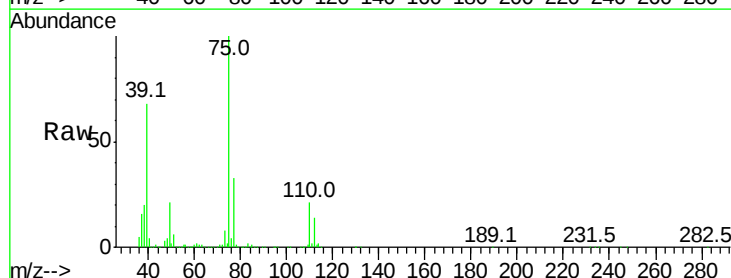
Tgt Ion: 75 Resp: 1500672

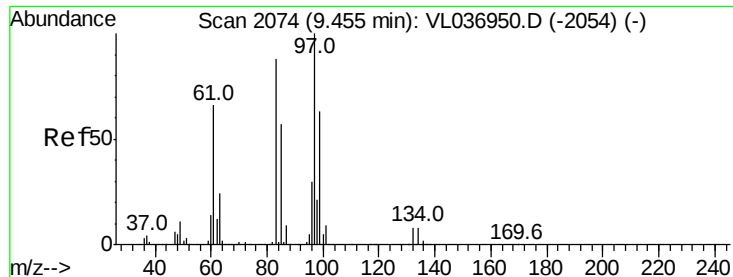
Ion Ratio Lower Upper

75 100

39 68.4 51.5 77.3

77 32.7 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 9.833 ppbv

RT: 9.46 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 1478682

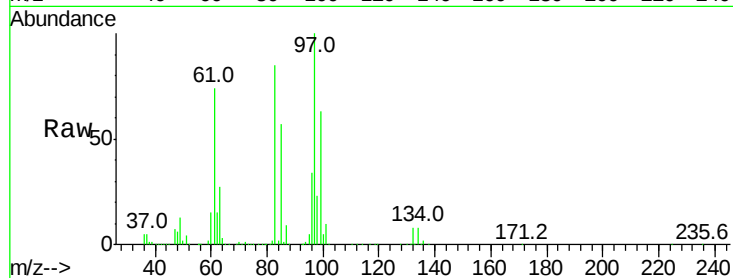
Ion Ratio Lower Upper

97 100

83 85.4 70.4 105.6

85 56.8 45.5 68.3

99 62.7 50.2 75.2

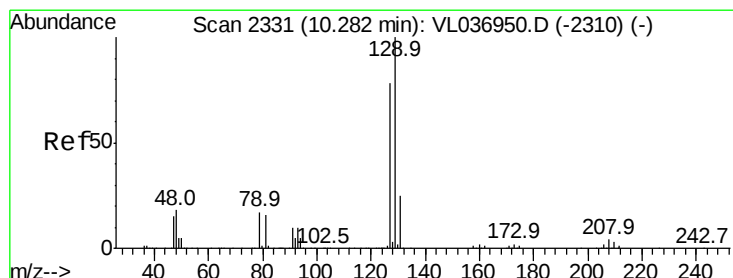
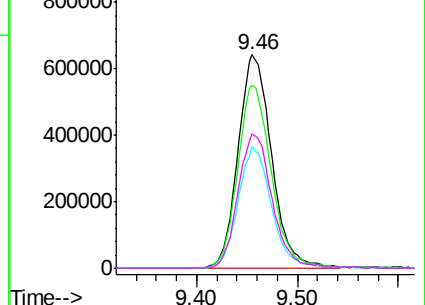
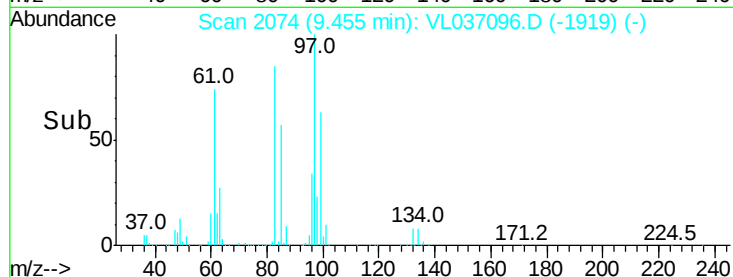


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.817 ppbv

RT: 10.28 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VL037096.D

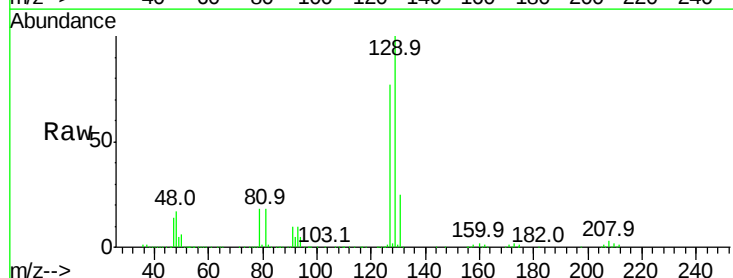
Acq: 2 Jun 2021 8:09

Tgt Ion: 129 Resp: 2633803

Ion Ratio Lower Upper

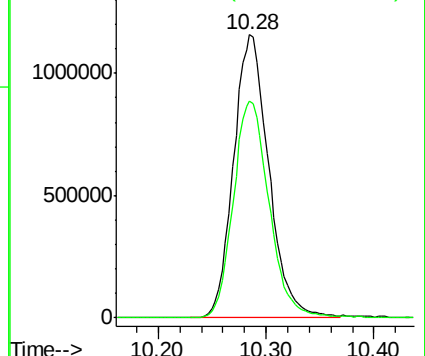
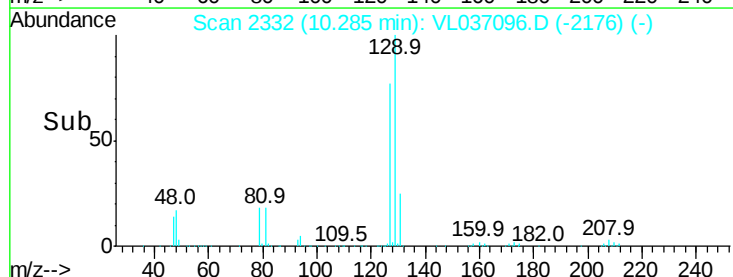
129 100

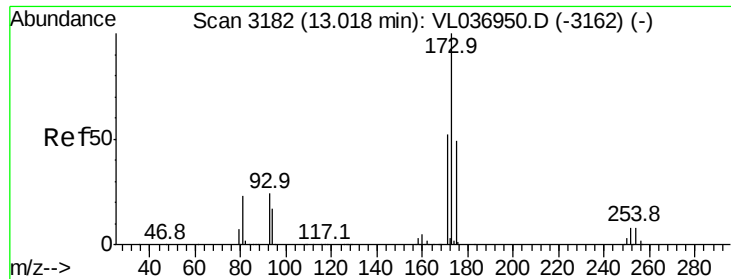
127 78.6 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.866 ppbv

RT: 13.02 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

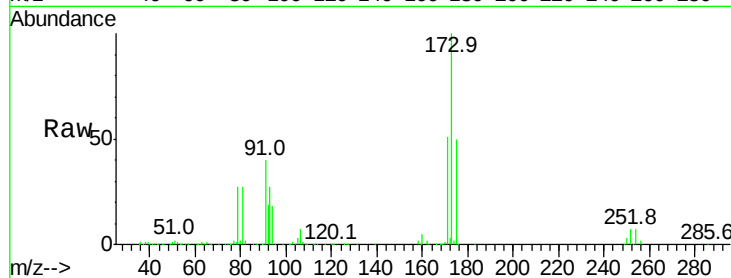
Tgt Ion:173 Resp: 2185136

Ion Ratio Lower Upper

173 100

175 50.5 40.4 60.6

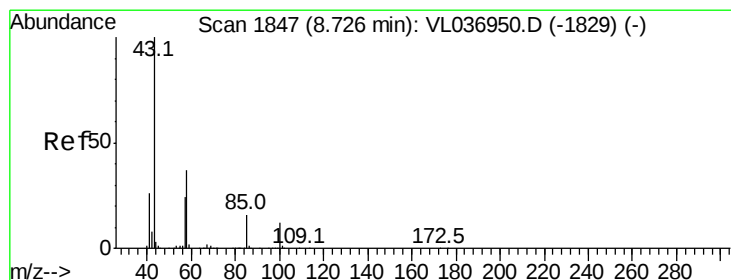
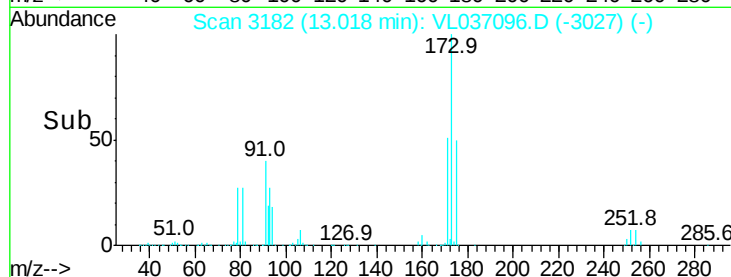
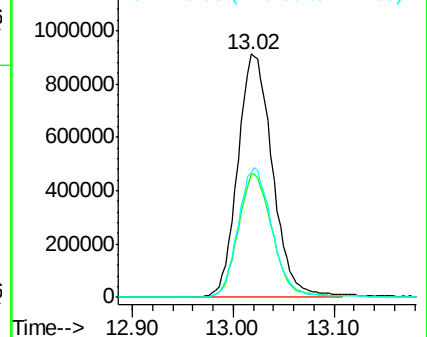
171 53.3 42.6 64.0



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: 9.284 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VL037096.D

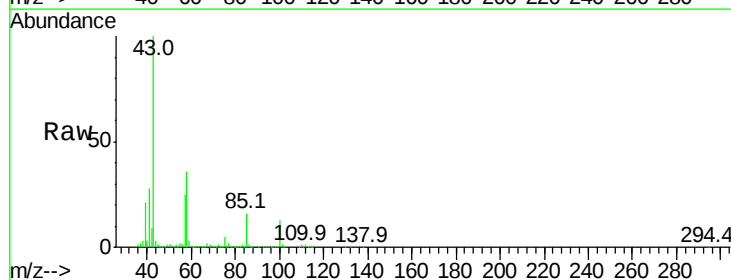
Acq: 2 Jun 2021 8:09

Tgt Ion: 43 Resp: 2415684

Ion Ratio Lower Upper

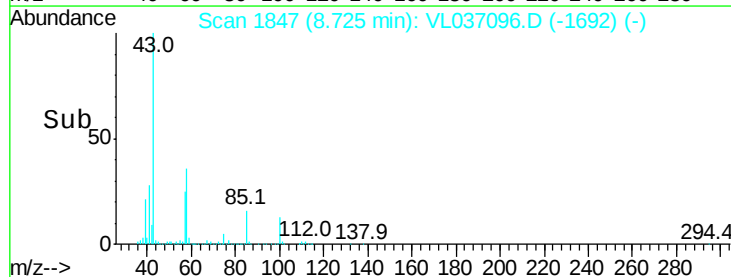
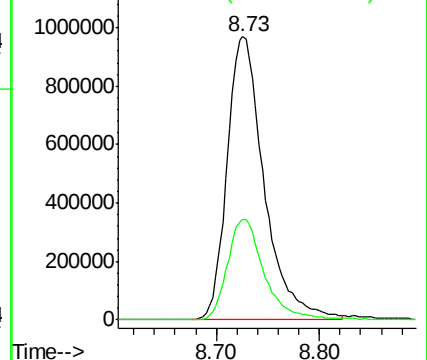
43 100

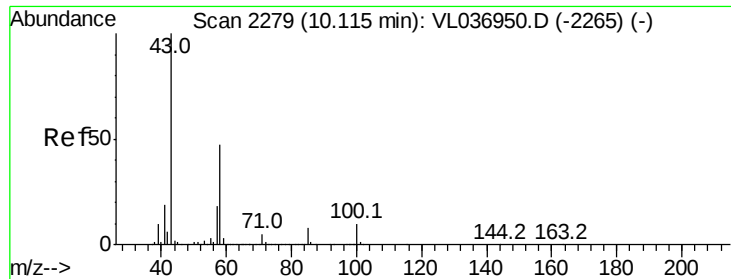
58 35.9 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 9.326 ppbv

RT: 10.12 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

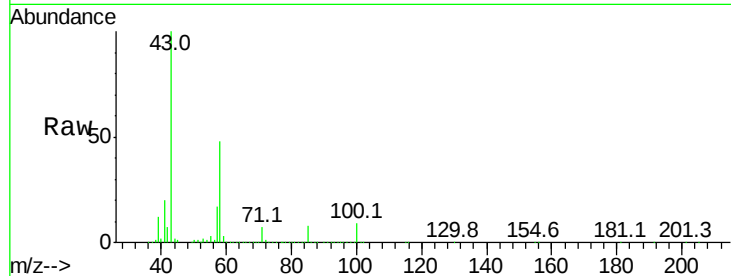
Tgt Ion: 43 Resp: 1282837

Ion Ratio Lower Upper

43 100

58 47.5 41.1 61.7

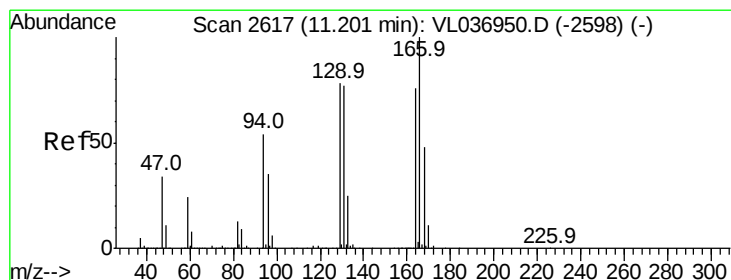
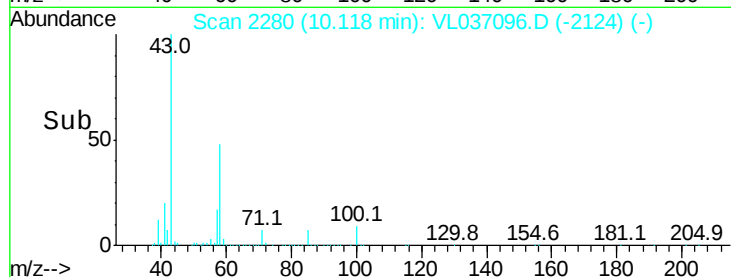
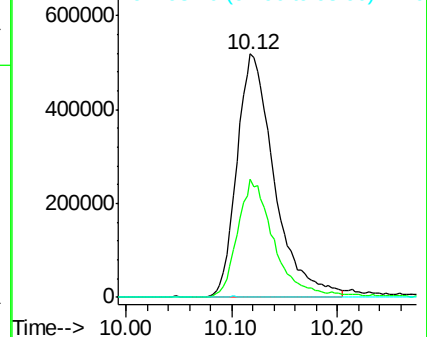
98 0.5 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 9.784 ppbv

RT: 11.20 min Scan# 2617

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Tgt Ion: 164 Resp: 1451098

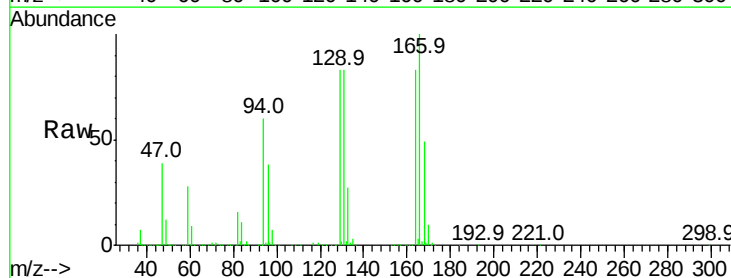
Ion Ratio Lower Upper

164 100

166 120.6 105.5 158.3

129 100.7 81.8 122.8

131 100.7 81.2 121.8

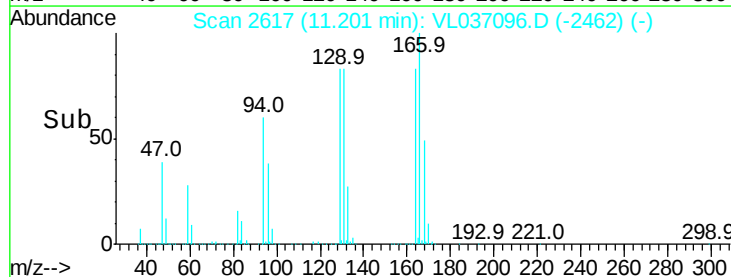
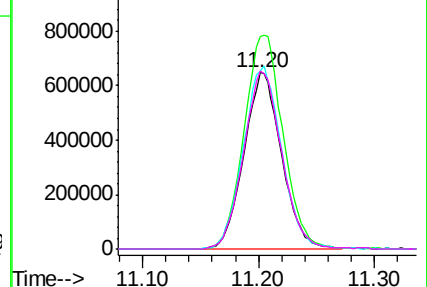


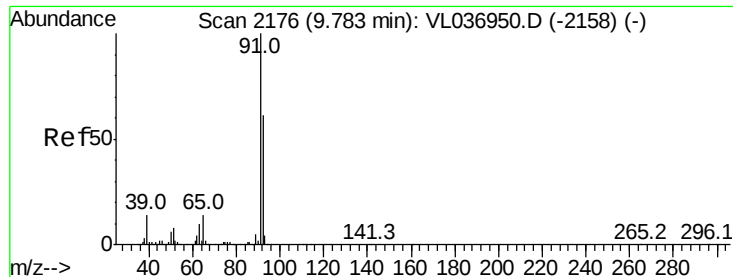
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.343 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

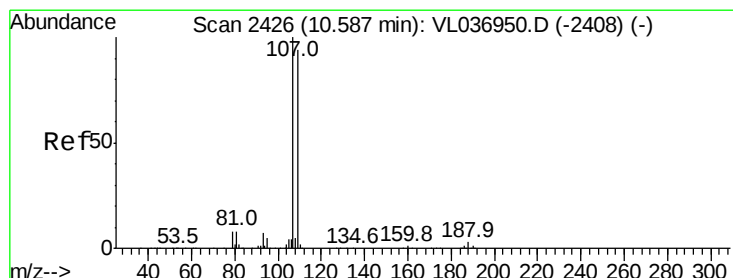
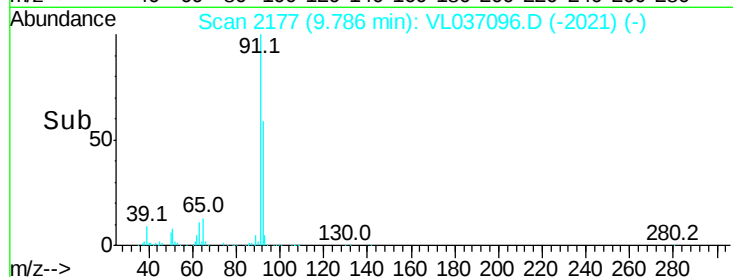
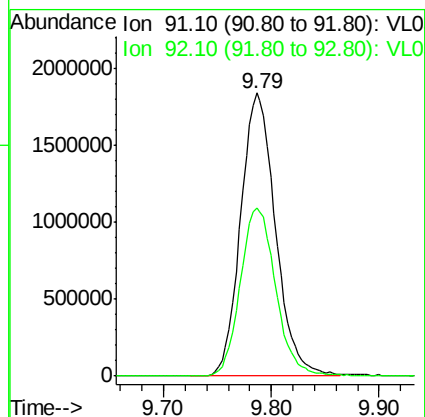
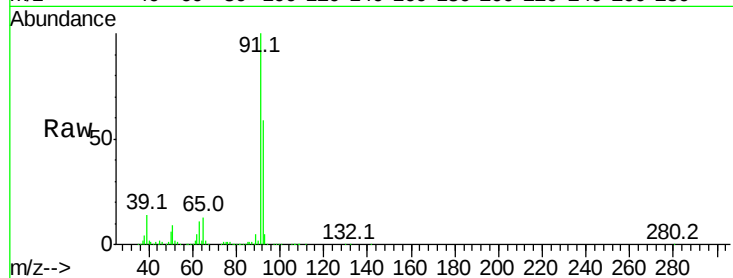
VSTDCCC010EC

Tgt Ion: 91 Resp: 4146766

Ion Ratio Lower Upper

91 100

92 60.7 49.5 74.3



#54

1,2-Dibromoethane

Concen: 10.437 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. 0.01 min

Lab File: VL037096.D

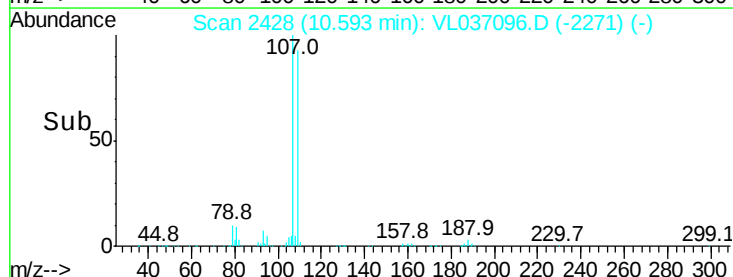
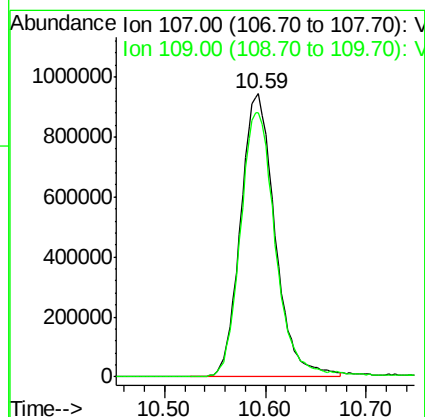
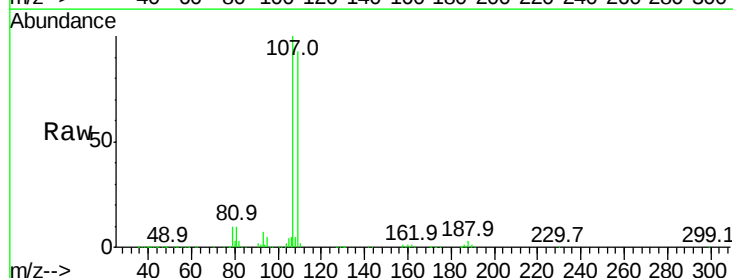
Acq: 2 Jun 2021 8:09

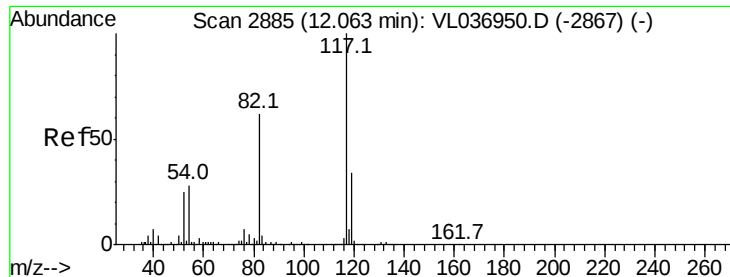
Tgt Ion: 107 Resp: 2231501

Ion Ratio Lower Upper

107 100

109 93.5 75.0 112.4

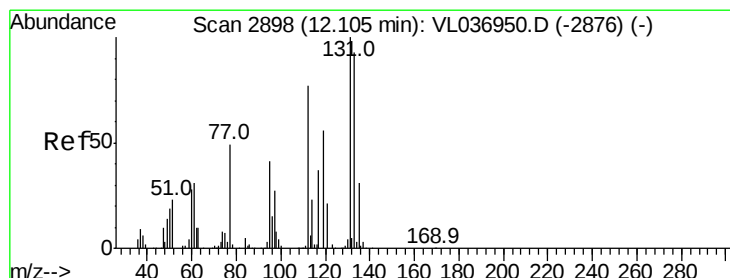
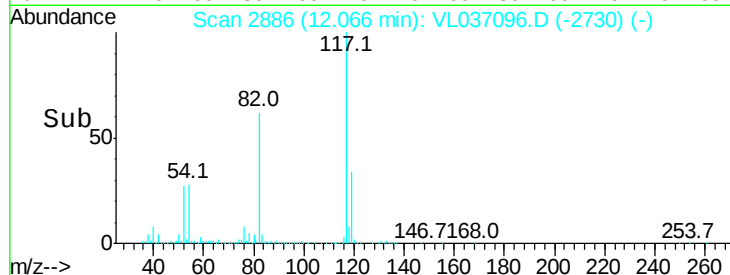
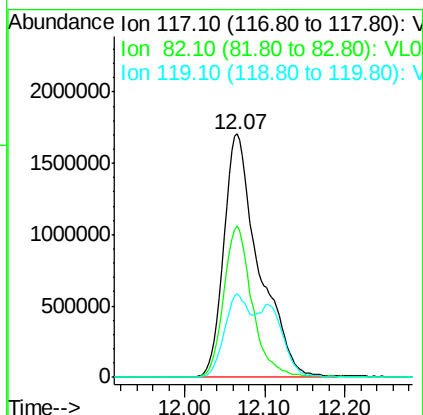
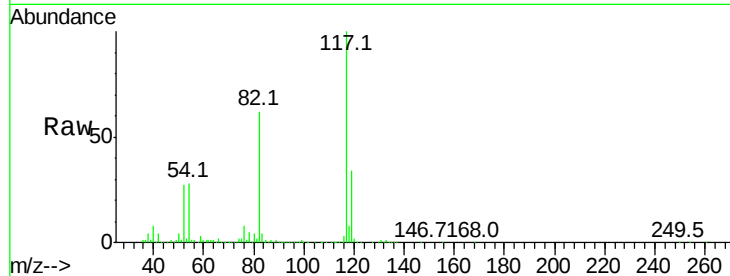




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL037096.D
Acq: 2 Jun 2021 8:09

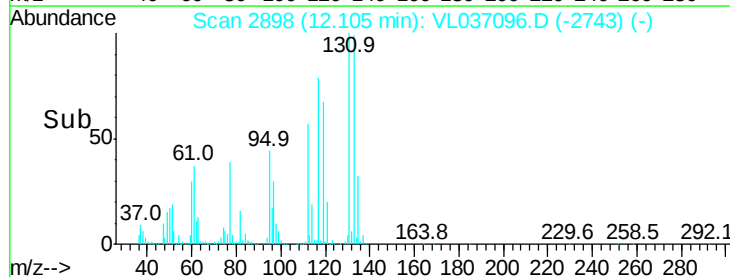
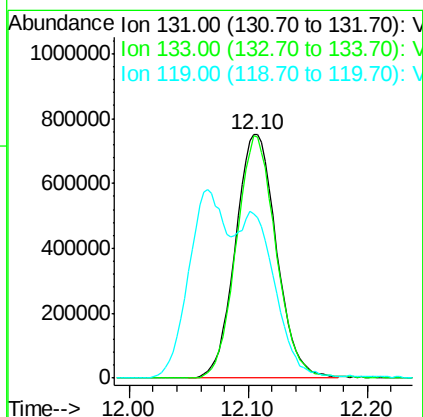
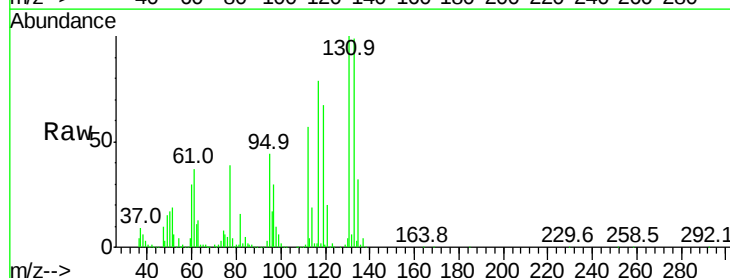
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

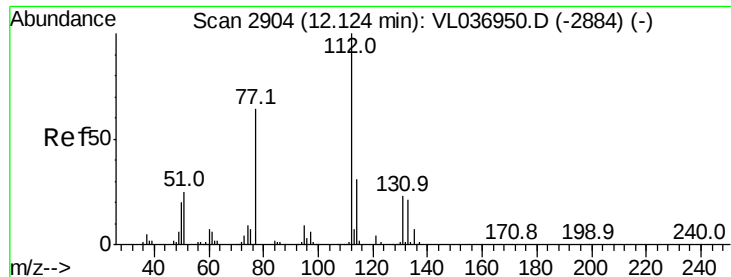
Tgt Ion:117 Resp: 5141047
Ion Ratio Lower Upper
117 100
82 50.5 52.6 79.0#
119 26.4 46.6 70.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.259 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL037096.D
Acq: 2 Jun 2021 8:09

Tgt Ion:131 Resp: 1786507
Ion Ratio Lower Upper
131 100
133 97.0 76.9 115.3
119 60.2 120.2 180.4#





#57

Chlorobenzene

Concen: 7.963 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

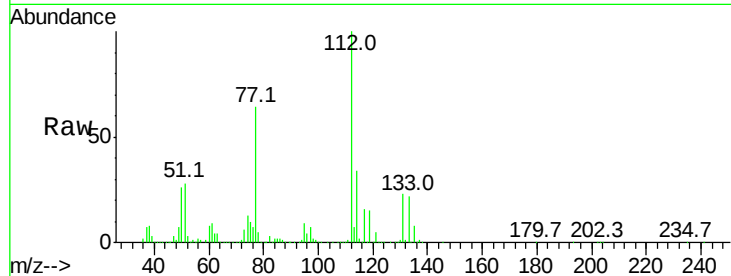
Tgt Ion: 112 Resp: 3174241

Ion Ratio Lower Upper

112 100

77 63.4 51.0 76.6

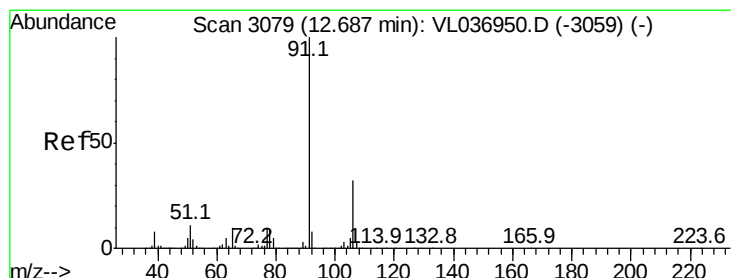
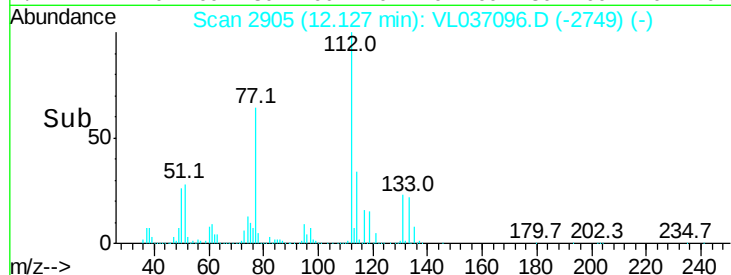
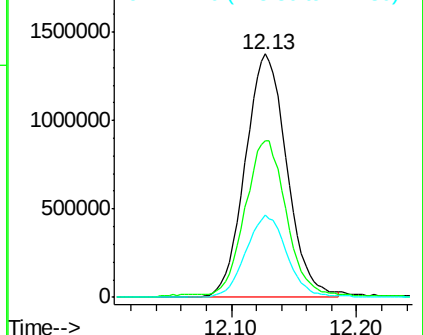
114 33.9 28.3 34.5



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: 7.634 ppbv

RT: 12.69 min Scan# 3080

Delta R.T. 0.00 min

Lab File: VL037096.D

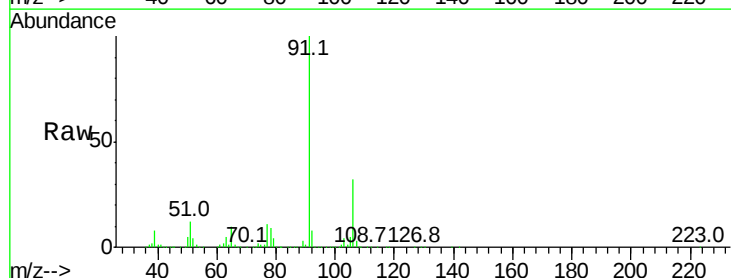
Acq: 2 Jun 2021 8:09

Tgt Ion: 91 Resp: 5539199

Ion Ratio Lower Upper

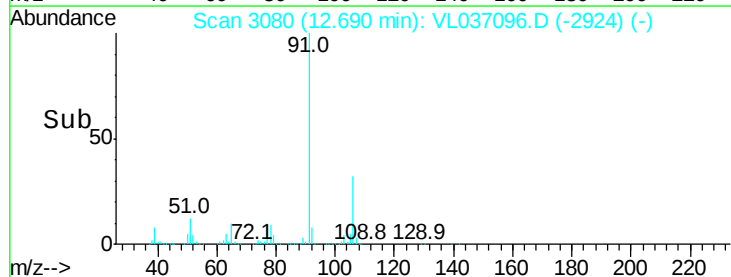
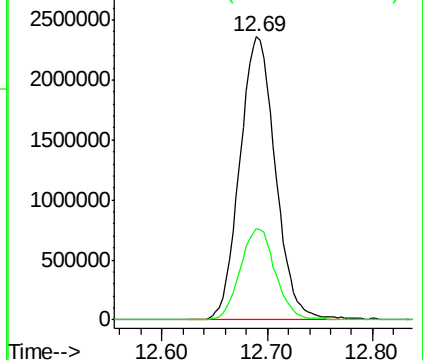
91 100

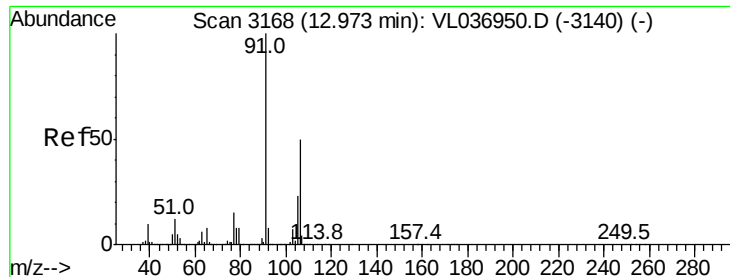
106 32.4 25.6 38.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 8.625 ppbv

RT: 12.98 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

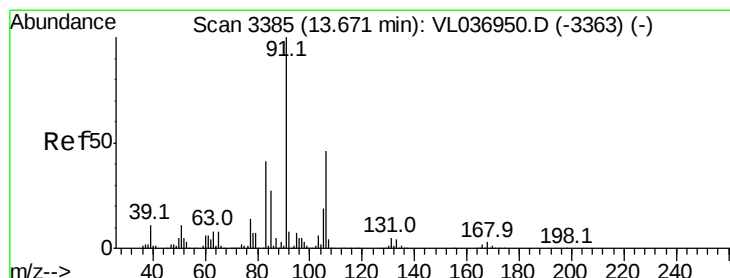
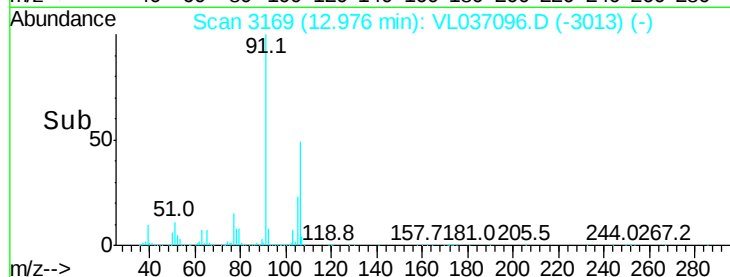
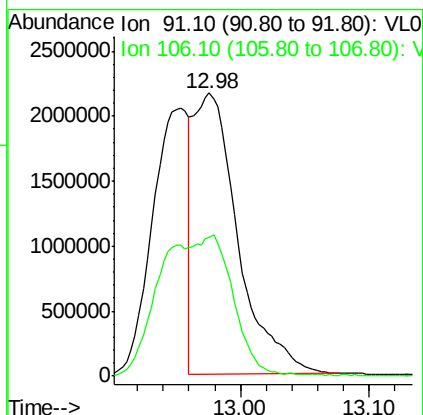
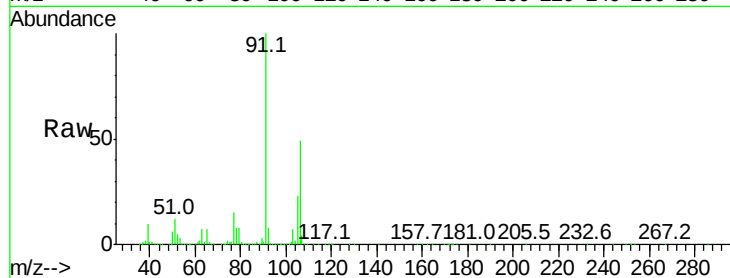
VSTDCCC010EC

Tgt Ion: 91 Resp: 5173126

Ion Ratio Lower Upper

91 100

106 83.5 37.4 56.2#



#60

o-Xylene

Concen: 7.777 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VL037096.D

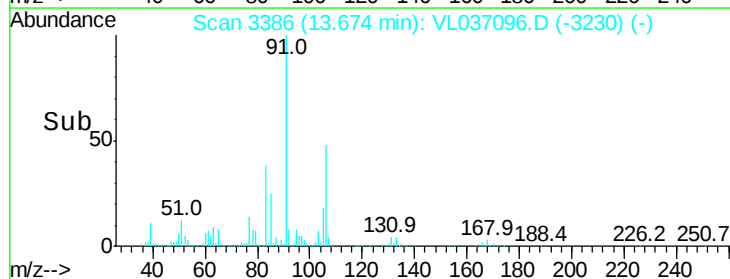
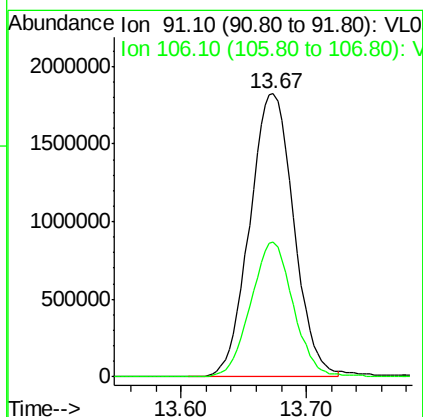
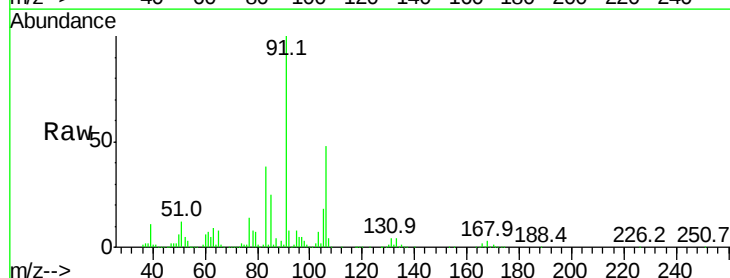
Acq: 2 Jun 2021 8:09

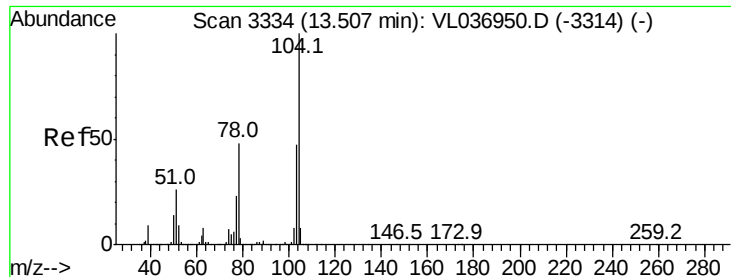
Tgt Ion: 91 Resp: 4448744

Ion Ratio Lower Upper

91 100

106 46.7 23.4 70.3





#61

Styrene

Concen: 8.044 ppbv

RT: 13.51 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

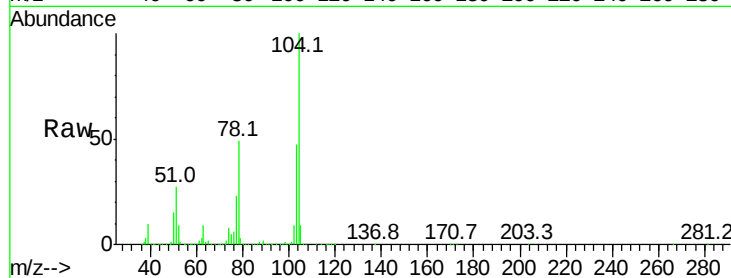
Tgt Ion:104 Resp: 2592335

Ion Ratio Lower Upper

104 100

78 51.4 39.0 58.6

103 48.3 38.0 57.0



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

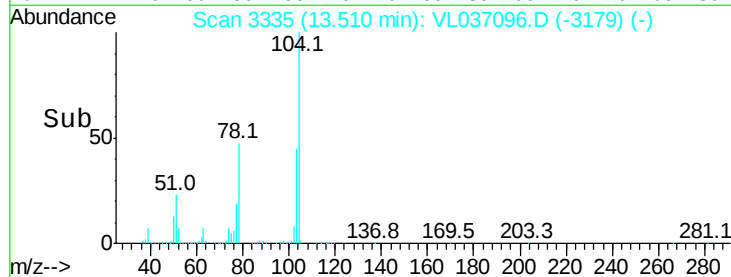
1500000

1000000

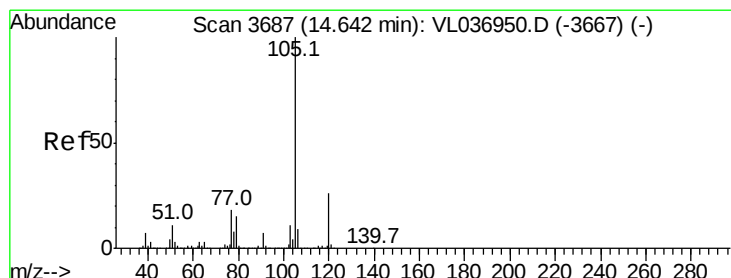
500000

0

13.40 13.50 13.60



Time-->



#62

Isopropylbenzene

Concen: 7.628 ppbv

RT: 14.65 min Scan# 3689

Delta R.T. 0.01 min

Lab File: VL037096.D

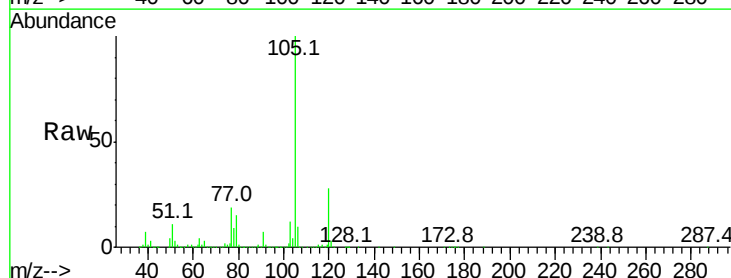
Acq: 2 Jun 2021 8:09

Tgt Ion:105 Resp: 6271344

Ion Ratio Lower Upper

105 100

120 27.1 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

3000000

2500000

2000000

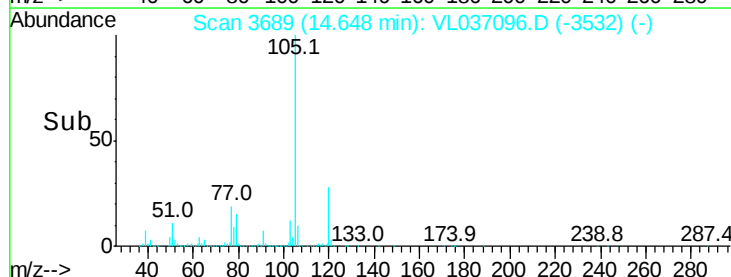
1500000

1000000

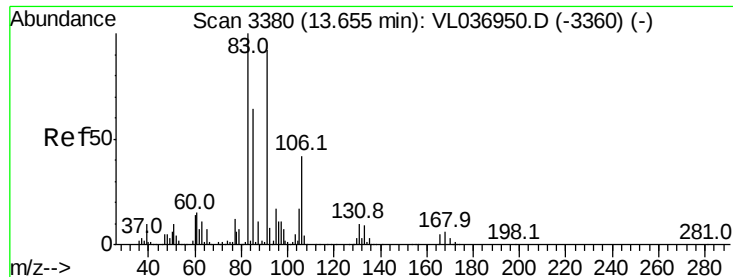
500000

0

14.60 14.70



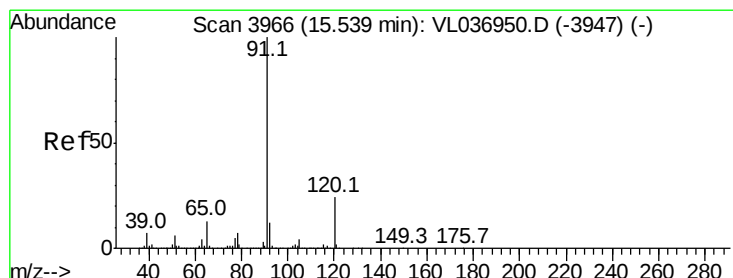
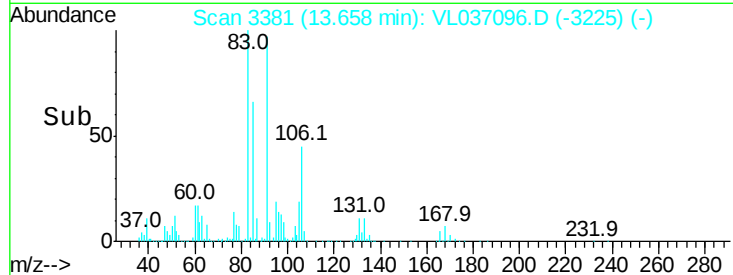
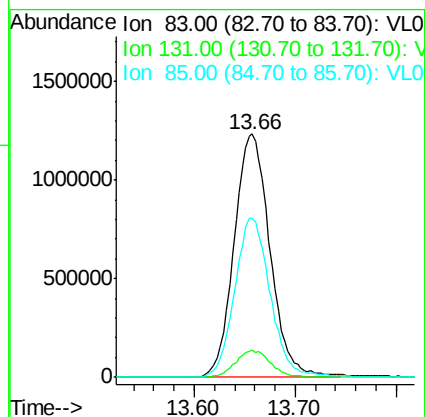
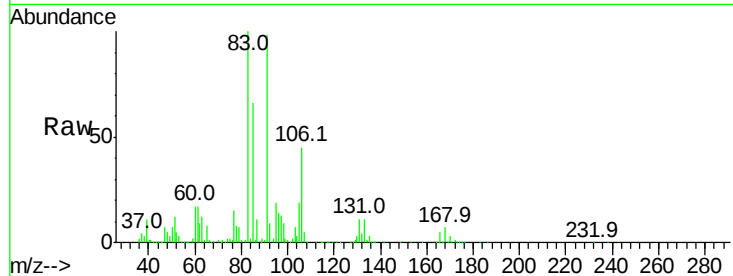
Time-->



#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.095 ppbv
 RT: 13.66 min Scan# 3381
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

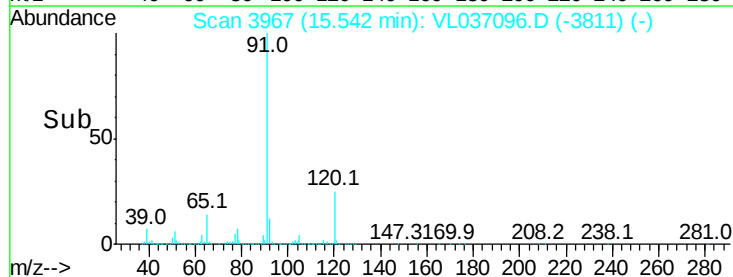
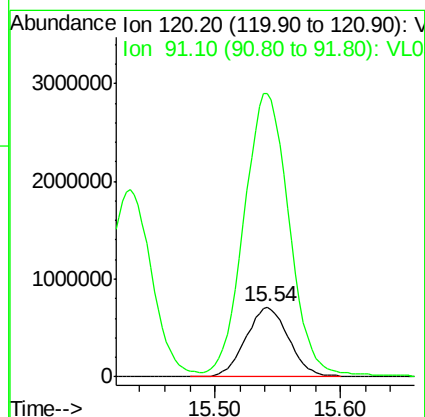
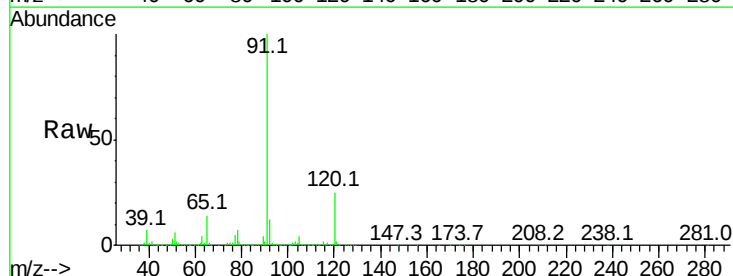
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

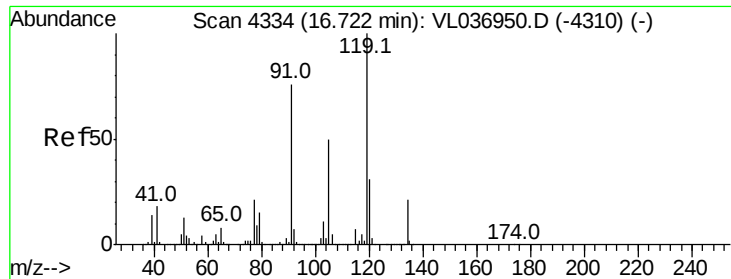
Tgt Ion: 83 Resp: 3030979
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.0 15.0
 85 65.8 32.9 98.6



#64
 n-propylbenzene
 Concen: 7.973 ppbv
 RT: 15.54 min Scan# 3967
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Tgt Ion: 120 Resp: 1691181
 Ion Ratio Lower Upper
 120 100
 91 432.2 343.8 515.6

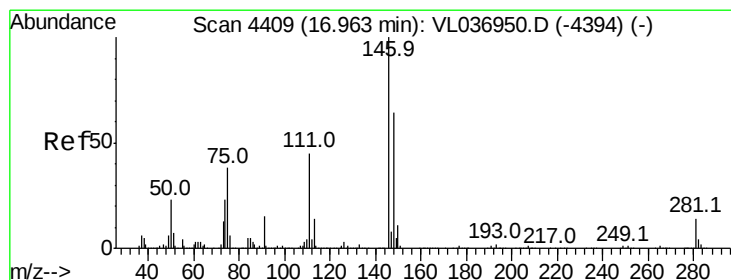
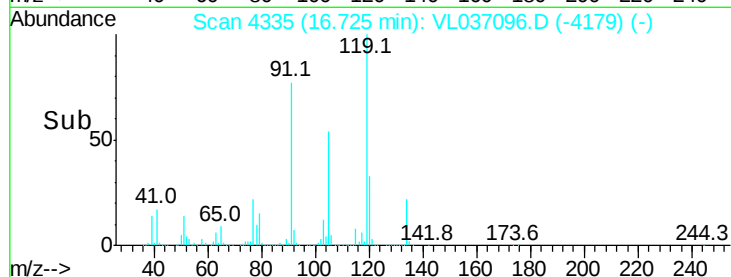
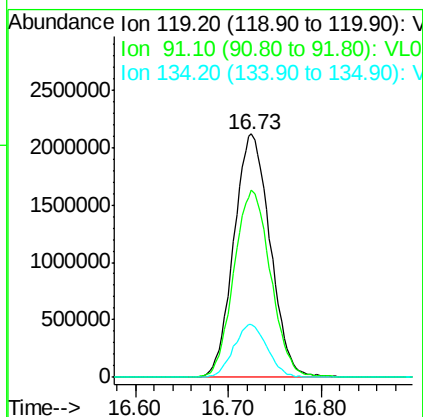
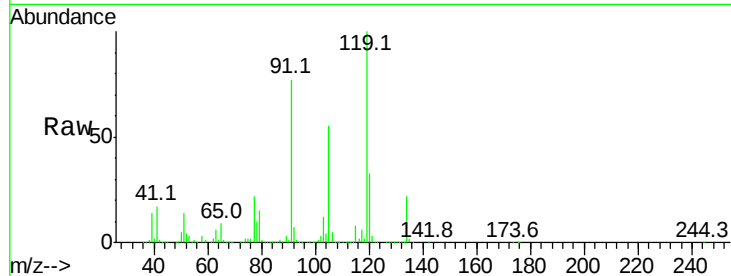




#65
 tert-Butylbenzene
 Concen: 7.729 ppbv
 RT: 16.73 min Scan# 4335
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

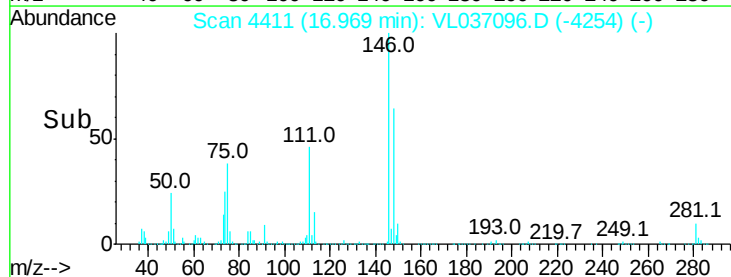
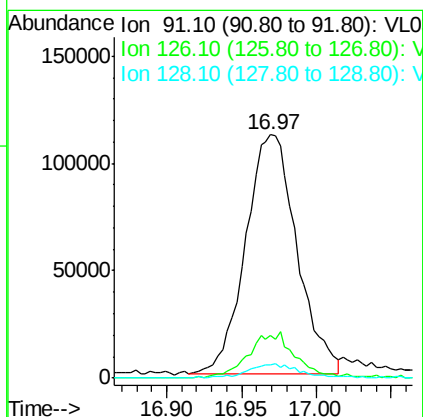
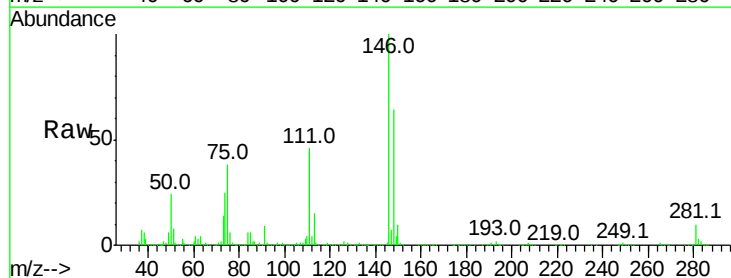
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

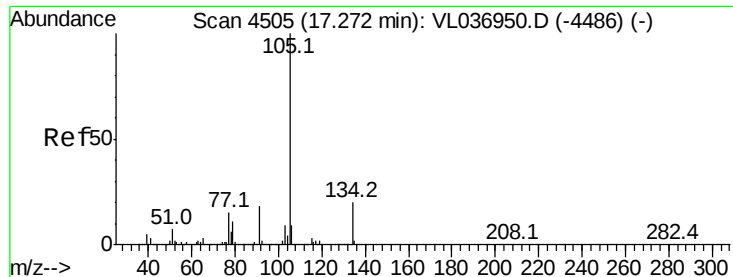
Tgt Ion:119 Resp: 5733655
 Ion Ratio Lower Upper
 119 100
 91 78.1 61.9 92.9
 134 20.2 16.2 24.4



#66
 Benzyl Chloride
 Concen: 6.510 ppbv
 RT: 16.97 min Scan# 4411
 Delta R.T. 0.01 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Tgt Ion: 91 Resp: 267956
 Ion Ratio Lower Upper
 91 100
 126 17.7 16.5 24.7
 128 6.3 5.5 8.3

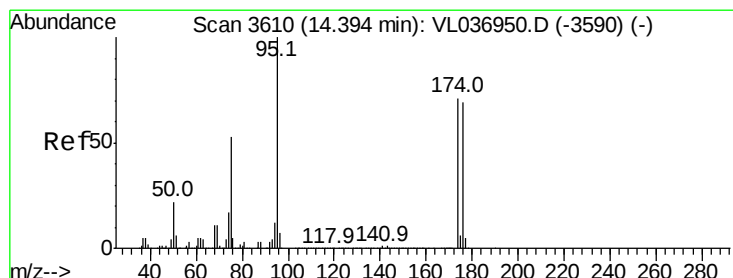
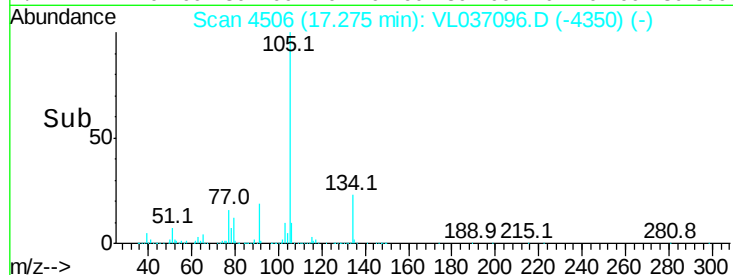
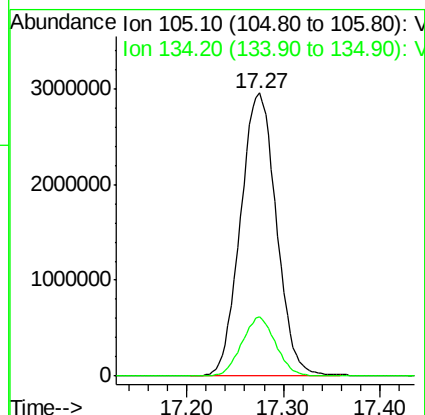
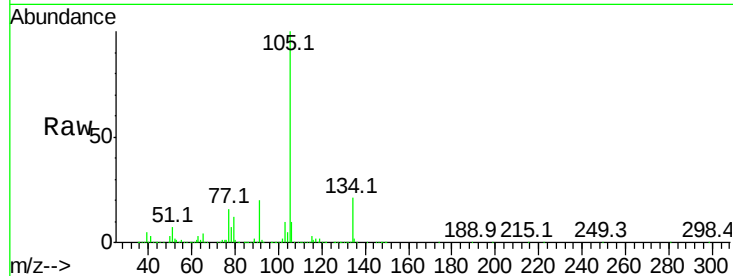




#67
 sec-Butylbenzene
 Concen: 7.531 ppbv
 RT: 17.27 min Scan# 4506
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

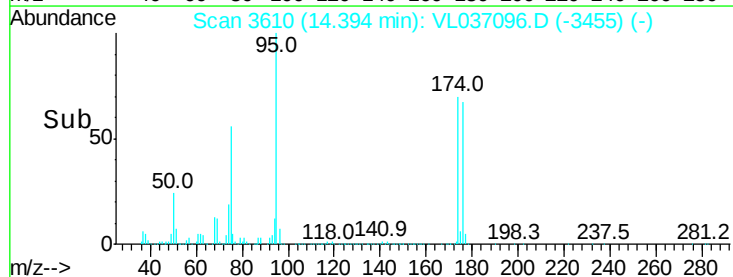
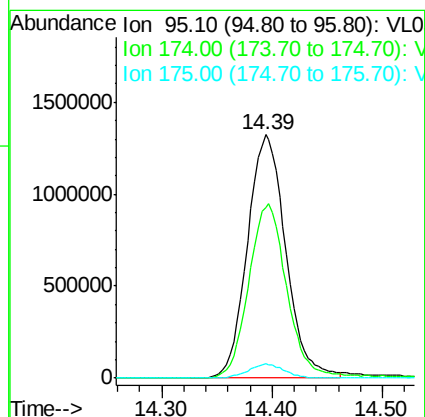
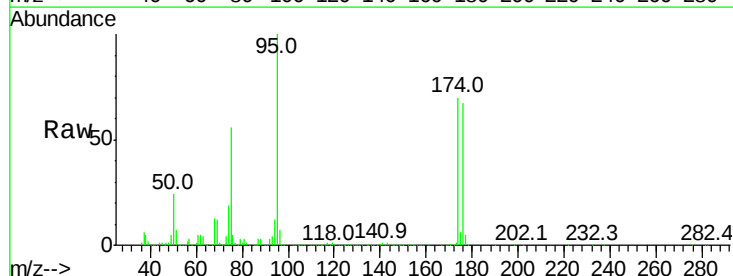
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

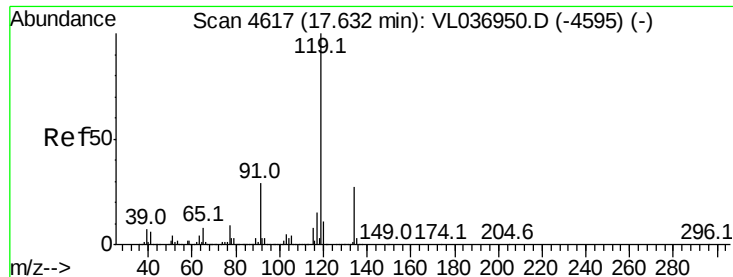
Tgt Ion: 105 Resp: 7621022
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.6 23.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.251 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Tgt Ion: 95 Resp: 3186721
 Ion Ratio Lower Upper
 95 100
 174 72.7 58.4 87.6
 175 5.5 4.4 6.6

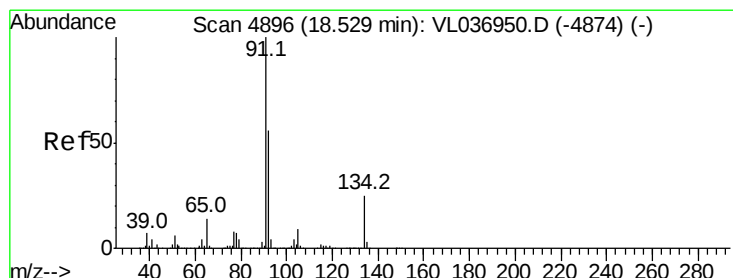
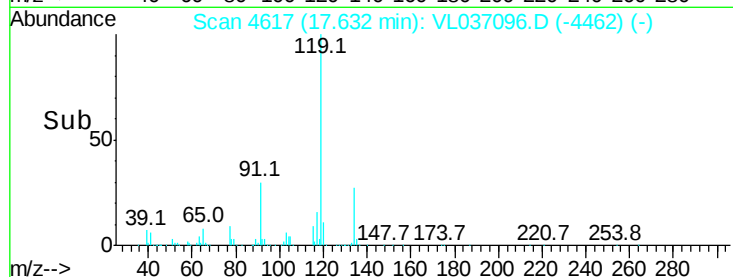
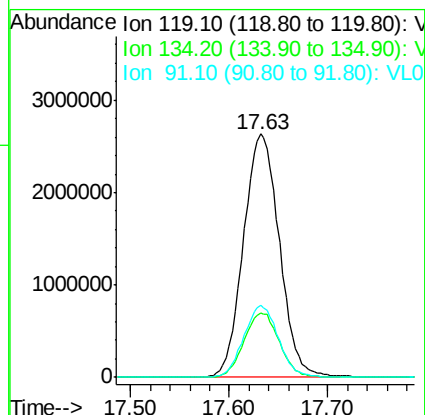
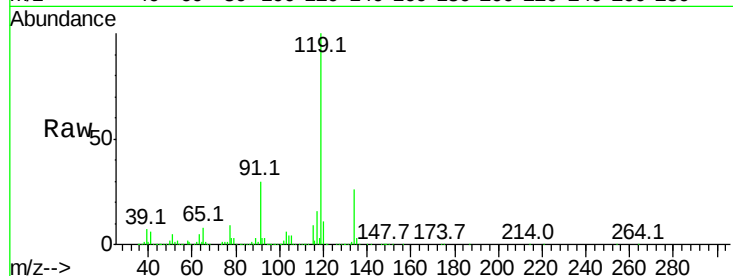




#69
p-Isopropyltoluene
Concen: 7.599 ppbv
RT: 17.63 min Scan# 4617
Delta R.T. -0.00 min
Lab File: VL037096.D
Acq: 2 Jun 2021 8:09

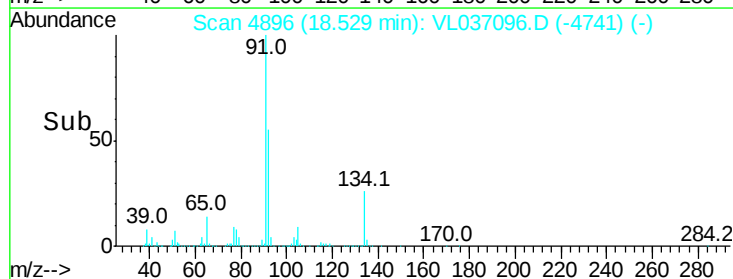
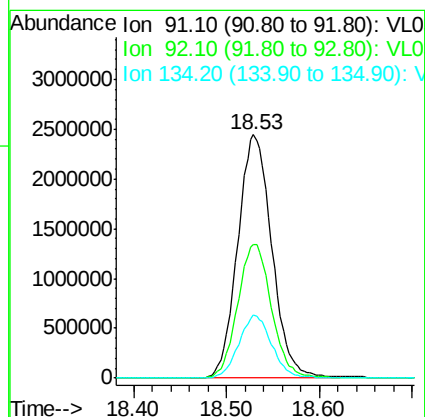
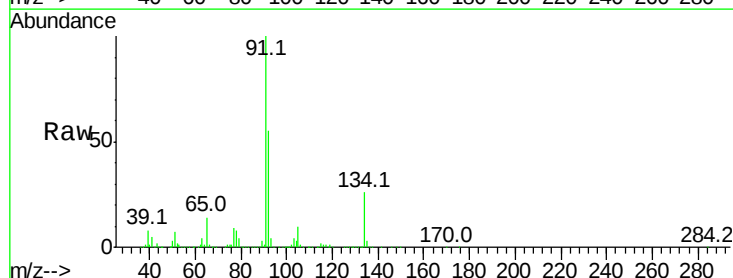
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

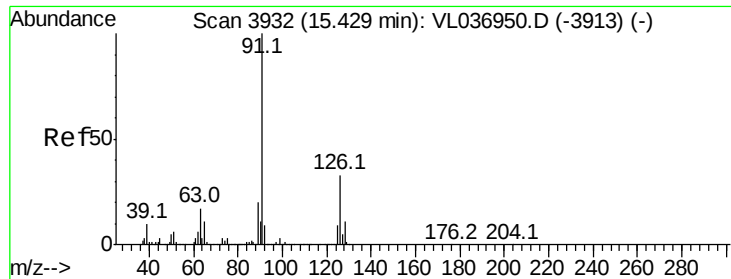
Tgt Ion: 119 Resp: 6611592
Ion Ratio Lower Upper
119 100
134 26.3 21.2 31.8
91 28.9 22.2 33.4



#70
n-Butylbenzene
Concen: 7.549 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. -0.00 min
Lab File: VL037096.D
Acq: 2 Jun 2021 8:09

Tgt Ion: 91 Resp: 6240153
Ion Ratio Lower Upper
91 100
92 54.8 44.6 66.8
134 25.1 20.2 30.2





#71

2-Chlorotoluene

Concen: 7.769 ppbv

RT: 15.43 min Scan# 3933

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

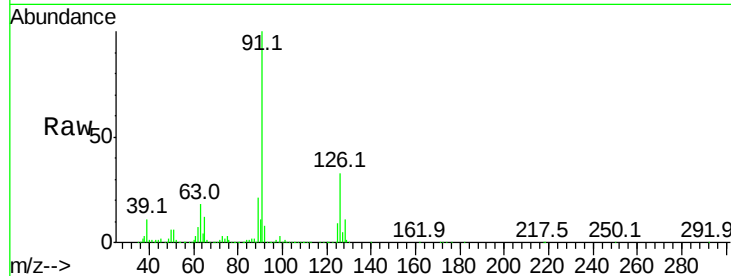
VSTDCCC010EC

Tgt Ion: 91 Resp: 4612866

Ion Ratio Lower Upper

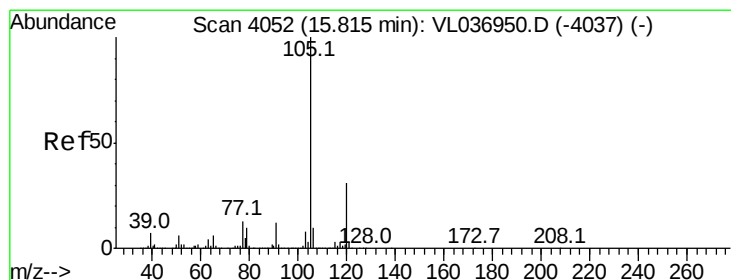
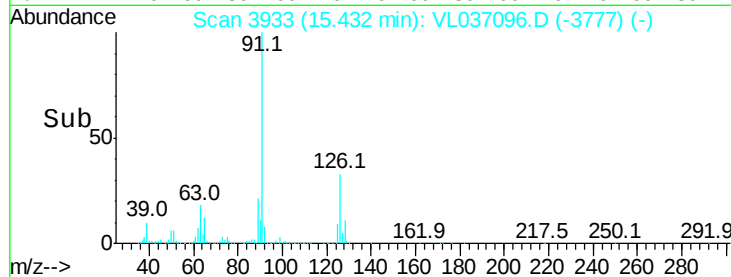
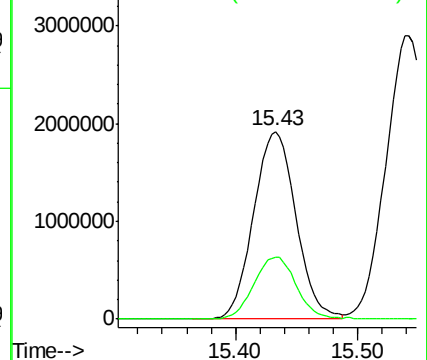
91 100

126 33.9 13.1 52.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 8.133 ppbv

RT: 15.82 min Scan# 4053

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Tgt Ion: 105 Resp: 5521765

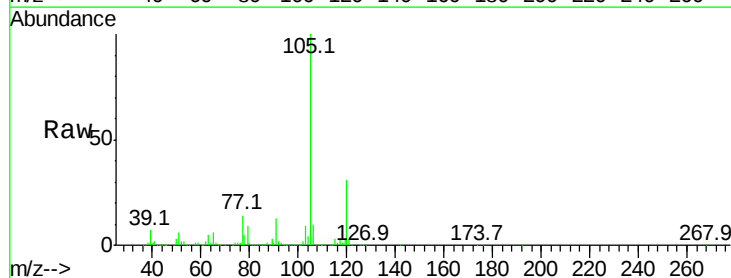
Ion Ratio Lower Upper

105 100

120 30.7 24.6 37.0

91 12.7 9.8 14.6

77 13.4 10.4 15.6

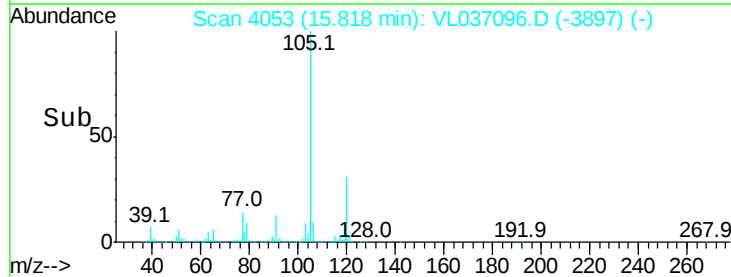
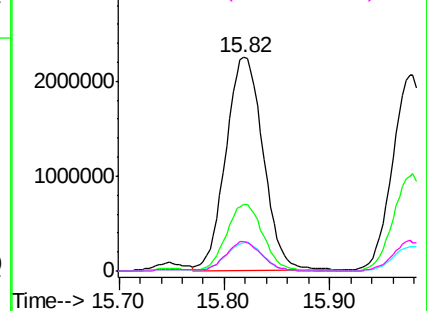


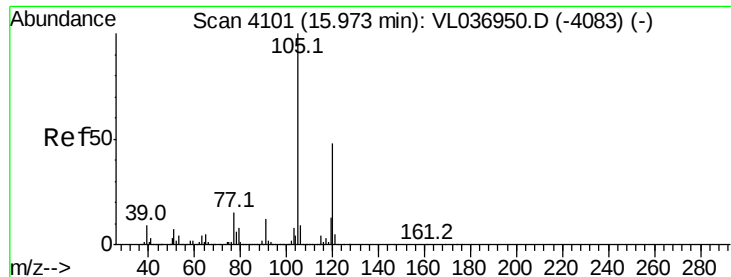
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

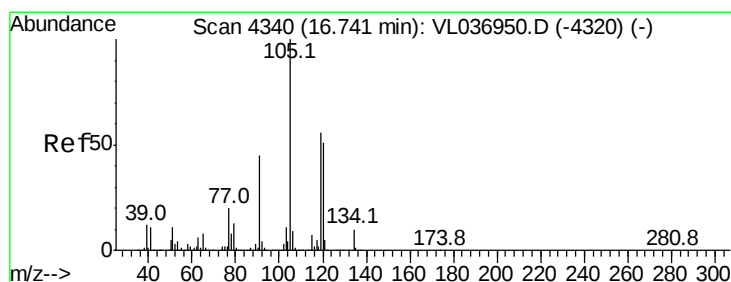
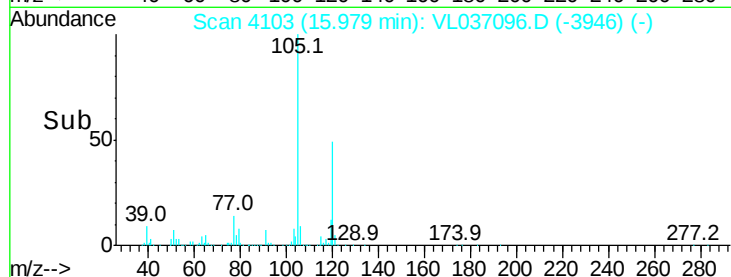
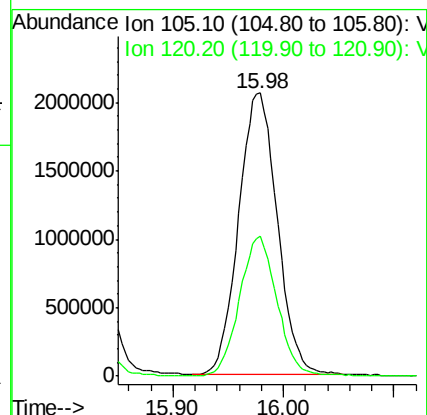
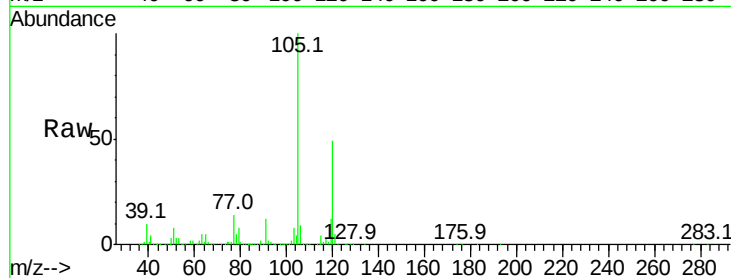




#73
 1,3,5-Trimethylbenzene
 Concen: 7.829 ppbv
 RT: 15.98 min Scan# 4103
 Delta R.T. 0.01 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

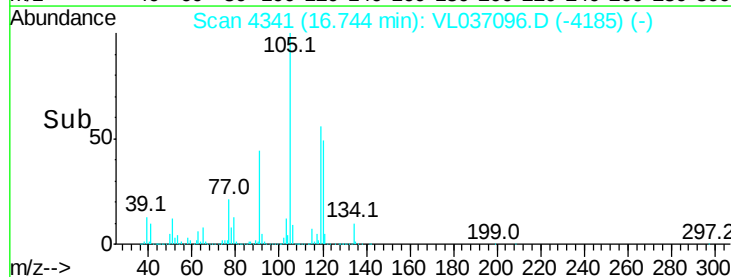
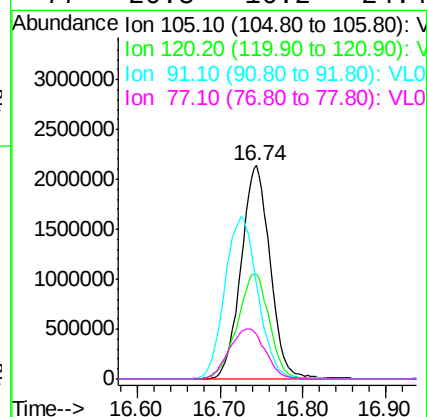
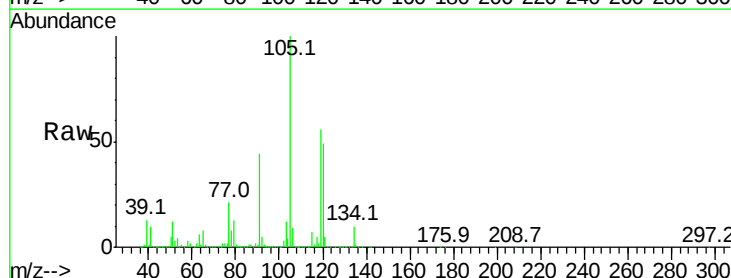
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

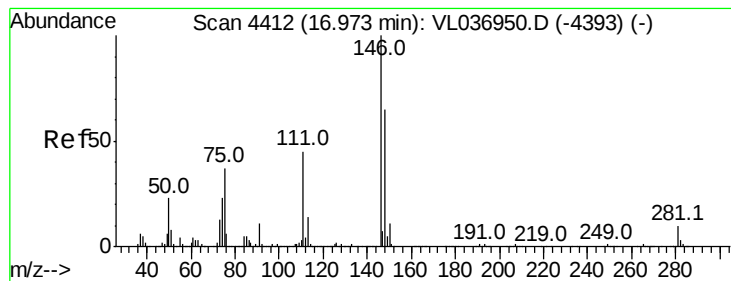
Tgt Ion:105 Resp: 4991413
 Ion Ratio Lower Upper
 105 100
 120 49.6 38.6 58.0



#74
 1,2,4-Trimethylbenzene
 Concen: 7.884 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Tgt Ion:105 Resp: 5197253
 Ion Ratio Lower Upper
 105 100
 120 49.3 40.6 61.0
 91 44.2 37.4 56.0
 77 20.8 16.2 24.4





#75

1,3-Dichlorobenzene

Concen: 7.864 ppbv

RT: 16.98 min Scan# 4413

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

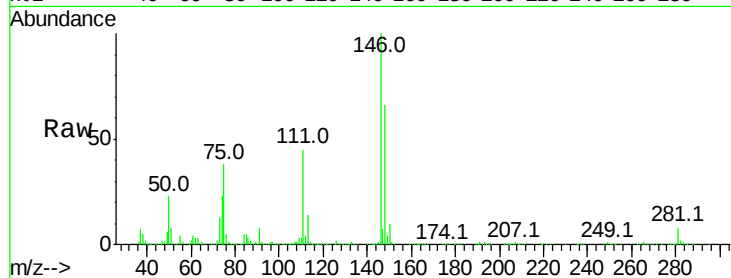
Tgt Ion:146 Resp: 3165629

Ion Ratio Lower Upper

146 100

111 45.6 22.2 66.6

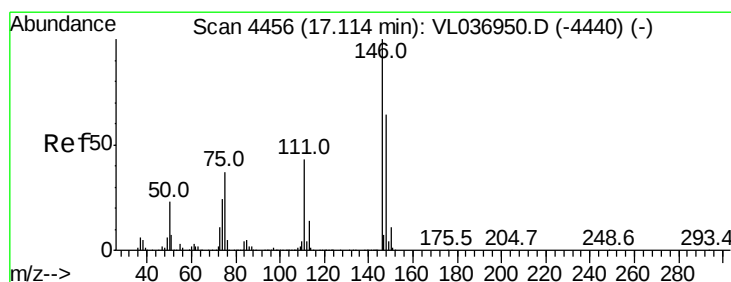
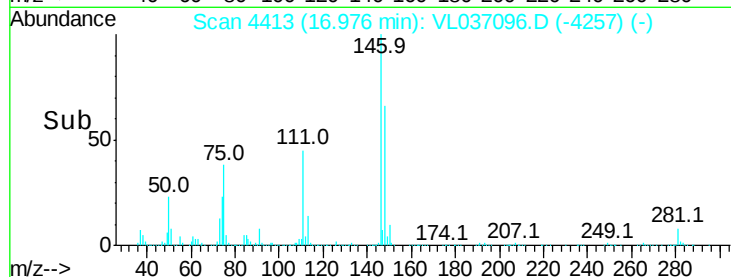
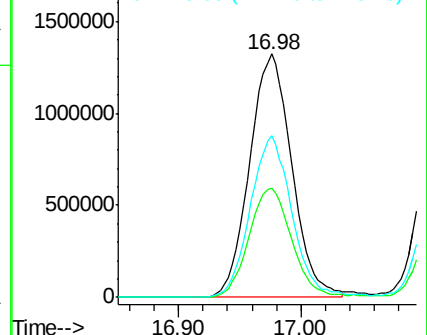
148 65.5 32.3 96.8



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: 7.741 ppbv

RT: 17.12 min Scan# 4457

Delta R.T. 0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

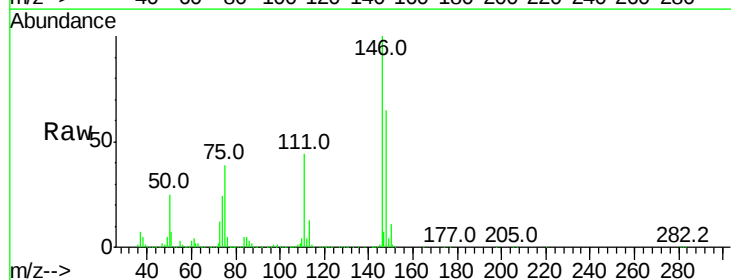
Tgt Ion:146 Resp: 3150452

Ion Ratio Lower Upper

146 100

111 43.8 22.6 67.7

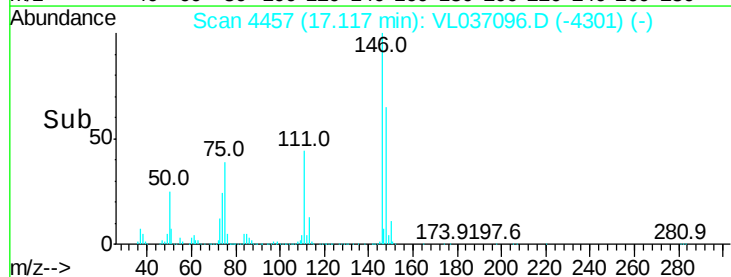
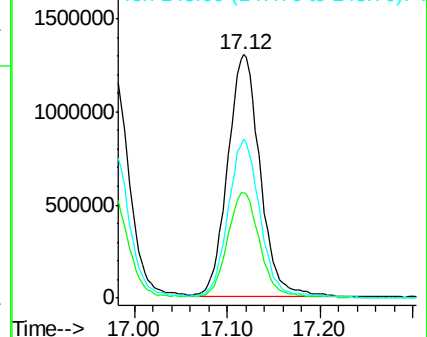
148 65.2 33.5 100.5

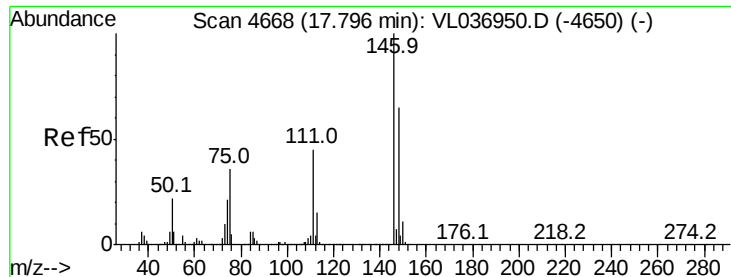


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.708 ppbv

RT: 17.80 min Scan# 4668

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

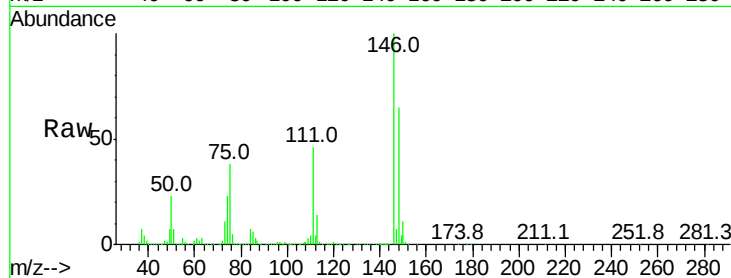
Tgt Ion:146 Resp: 3109093

Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.1	69.2
148	64.7	32.5	97.4

146 100

111 46.3 23.1 69.2

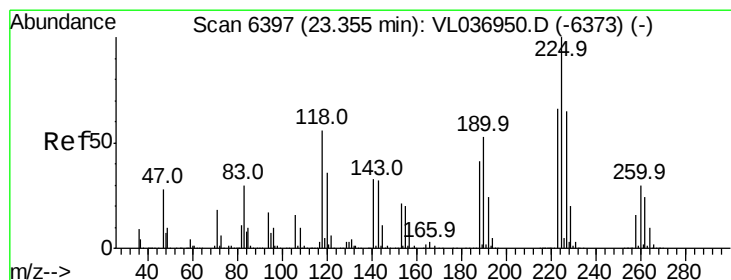
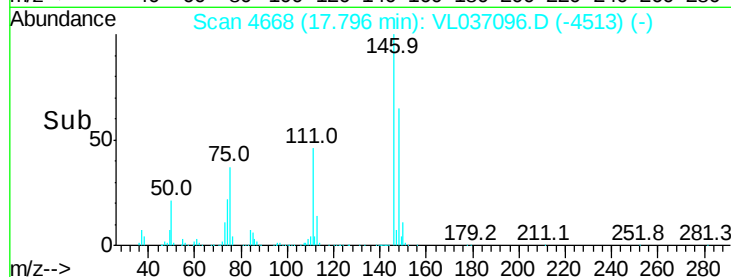
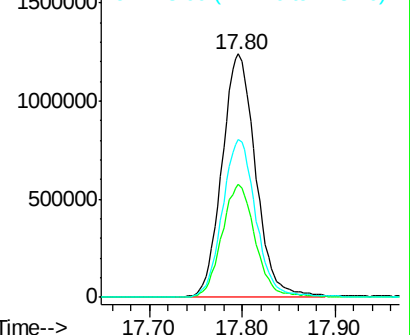
148 64.7 32.5 97.4



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: 5.976 ppbv

RT: 23.36 min Scan# 6397

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

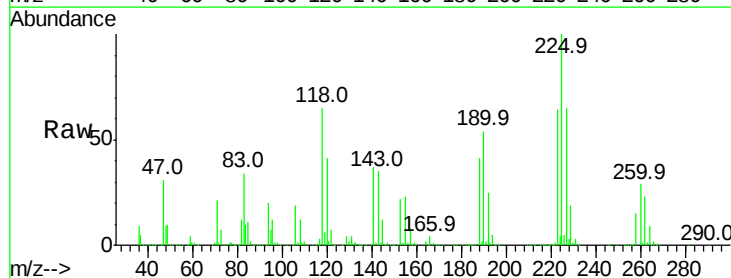
Tgt Ion:225 Resp: 1938276

Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.9	77.9
227	65.6	51.8	77.6

225 100

223 65.0 51.9 77.9

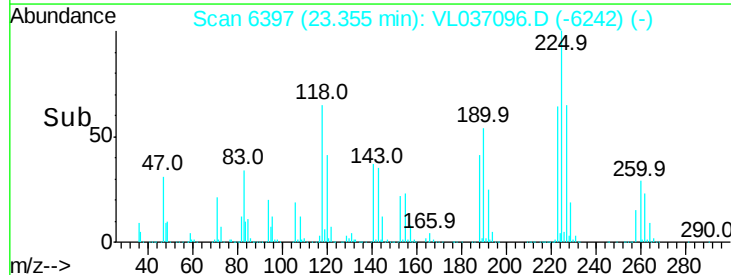
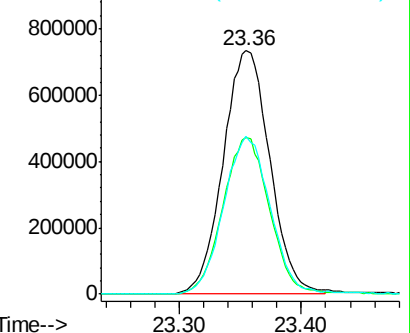
227 65.6 51.8 77.6

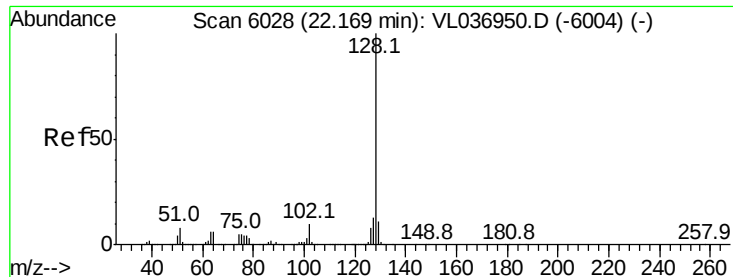


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 7.454 ppbv

RT: 22.17 min Scan# 6028

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

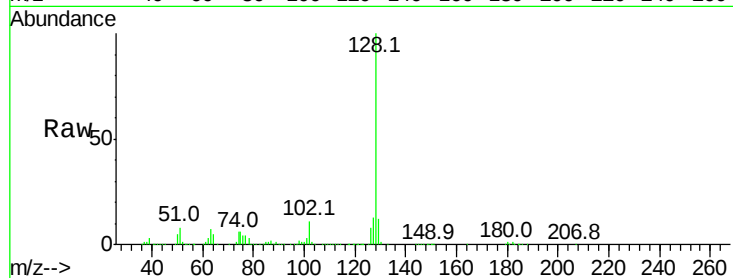
Tgt Ion:128 Resp: 3855568

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

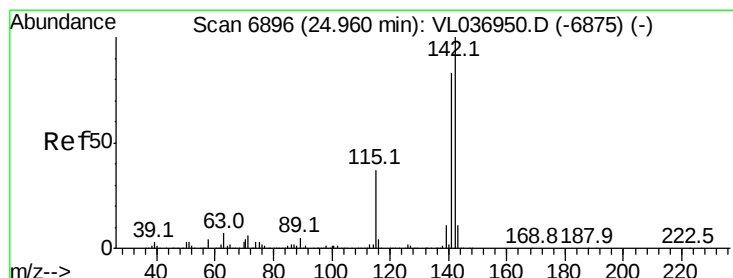
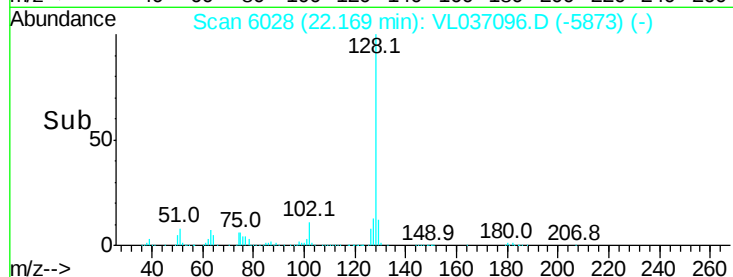
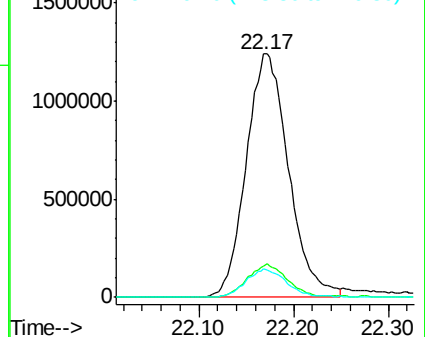
129 11.9 9.0 13.6



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: 9.180 ppbv

RT: 24.96 min Scan# 6895

Delta R.T. -0.00 min

Lab File: VL037096.D

Acq: 2 Jun 2021 8:09

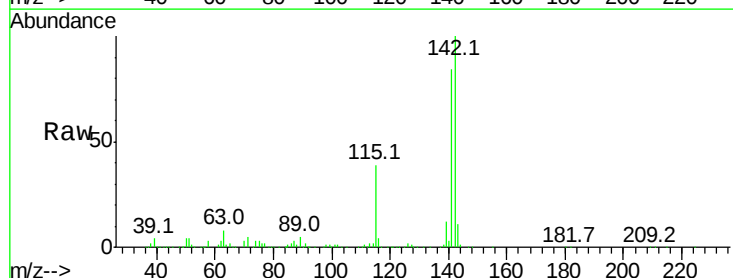
Tgt Ion:142 Resp: 1032542

Ion Ratio Lower Upper

142 100

141 85.1 69.3 103.9

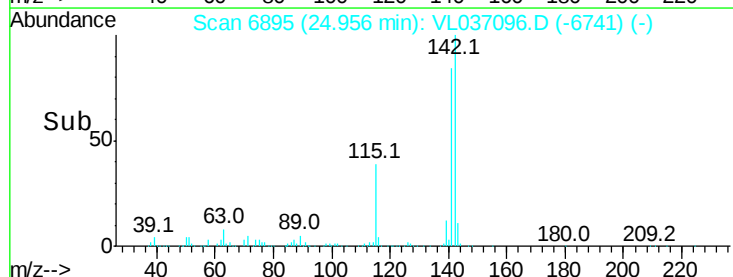
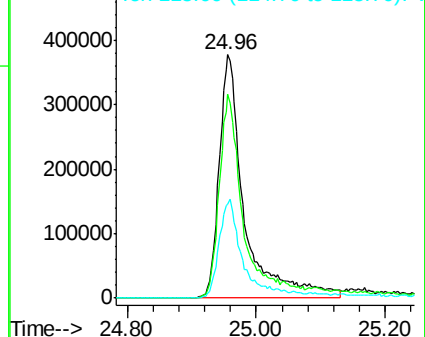
115 38.8 29.1 43.7

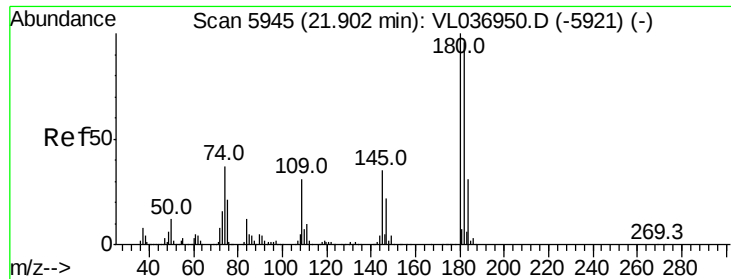


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

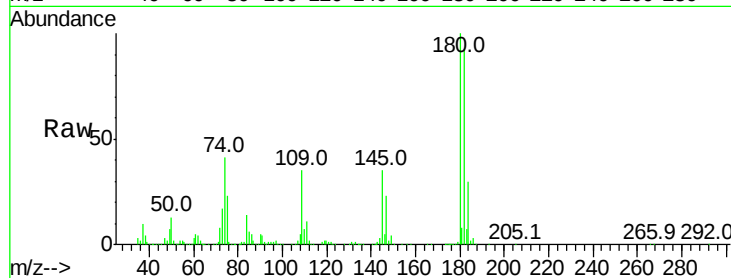




#81
 1,2,4-Trichlorobenzene
 Concen: 7.247 ppbv
 RT: 21.90 min Scan# 5946
 Delta R.T. 0.00 min
 Lab File: VL037096.D
 Acq: 2 Jun 2021 8:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 2284931
 Ion Ratio Lower Upper
 180 100
 182 97.2 81.7 122.5
 184 30.4 24.9 37.3



Abundance Ion 180.00 (179.70 to 180.70): V
 1000000 Ion 182.00 (181.70 to 182.70): V
 800000 Ion 184.00 (183.70 to 184.70): V

