

Data File : VL036437.D

Acq On : 3 Mar 2021 12:05

Operator : SY/AP

Sample : VSTDIC0.1

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Quant Time: Mar 03 13:10:22 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030321AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 03 10:40:25 2021

QLast Update : Wed Mar 03 10:40:25 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1754668	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3907141	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3517198	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2968808	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds

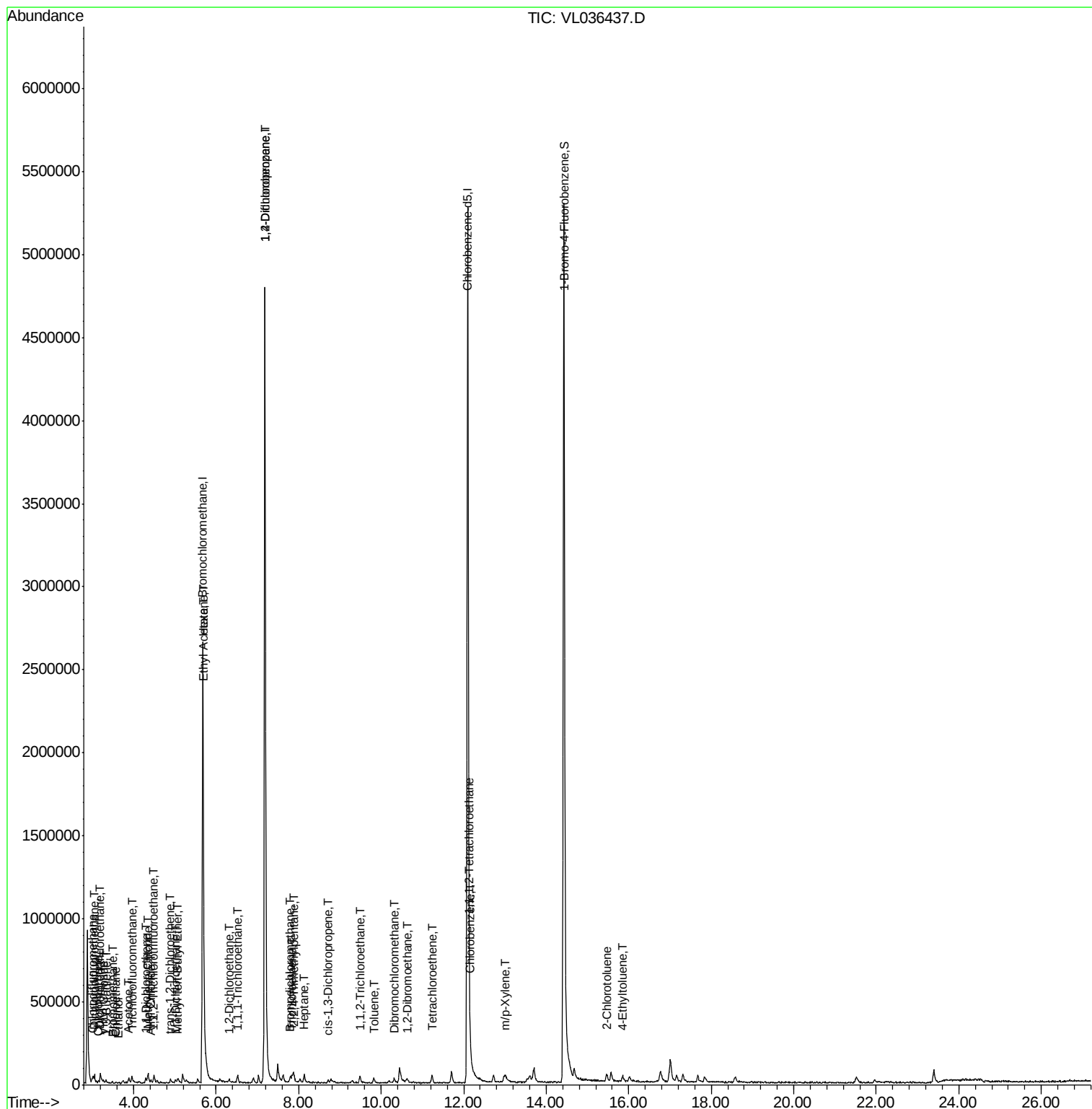
						Qvalue
2) Dichlorodifluoromethane	3.05	85	32793	0.125	ppbv	95
3) Chlorodifluoromethane	2.99	51	25384	0.116	ppbv	97
4) Chloromethane	3.14	50	4035	0.038	ppbv #	87
5) Vinyl Chloride	3.26	62	3666	0.037	ppbv #	77
6) Bromomethane	3.48	94	4028	0.069	ppbv #	67
7) Chloroethane	3.56	64	1722	0.049	ppbv	92
8) Dichlorotetrafluoroethane	3.19	85	24216	0.102	ppbv	84
10) Heptane	8.13	43	10403	0.043	ppbv #	36
11) Trichlorofluoromethane	3.96	101	27211	0.106	ppbv #	82
12) 1,1,2-Trichlorotrifluoroet	4.49	101	16559	0.104	ppbv	95
13) Ethanol	3.62	45	617	0.040	ppbv #	34
15) Acetone	3.88	43	23634	0.110	ppbv #	49
16) 1,3-Butadiene	3.33	39	4907	0.048	ppbv #	22
18) 1,1-Dichloroethene	4.29	96	2423	0.034	ppbv #	66
20) Methylene Chloride	4.35	84	9619	0.139	ppbv	90
21) Allyl Chloride	4.41	41	5201	0.044	ppbv #	1
22) trans-1,2-Dichloroethene	4.89	96	3556	0.054	ppbv #	83
24) 1,1-Dichloroethane	5.01	63	7371	0.040	ppbv #	86
25) Ethyl Acetate	5.69	43	16392	0.040	ppbv #	50
26) Hexane	5.69	57	10734	0.063	ppbv #	29
28) Methyl tert-Butyl Ether	5.06	73	18644	0.084	ppbv	91
32) 1,1,1-Trichloroethane	6.52	97	15891	0.062	ppbv #	48
37) 1,2-Dichloroethane	6.32	62	7063	0.034	ppbv #	48
38) Trichloroethene	7.84	130	3745	0.031	ppbv #	25
39) 1,2-Dichloropropane	7.18	63	1079221	8.005	ppbv #	21
42) Bromodichloromethane	7.80	83	8746	0.032	ppbv #	83
44) 2,2,4-Trimethylpentane	7.87	57	25491	0.042	ppbv #	41
46) cis-1,3-Dichloropropene	8.71	75	6687	0.039	ppbv	89
47) 1,1,2-Trichloroethane	9.48	97	6236	0.045	ppbv #	52
48) Dibromochloromethane	10.31	129	8824	0.043	ppbv #	24
52) Tetrachloroethene	11.23	164	5237	0.043	ppbv #	60
53) Toluene	9.82	91	15050	0.042	ppbv #	46
54) 1,2-Dibromoethane	10.62	107	15878	0.080	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.14	131	6341	0.039	ppbv #	1
57) Chlorobenzene	12.16	112	10445	0.038	ppbv #	69
59) m/p-Xylene	13.01	91	20157	0.048	ppbv #	58
71) 2-Chlorotoluene	15.46	91	24699	0.053	ppbv	83
72) 4-Ethyltoluene	15.86	105	21356	0.047	ppbv #	82

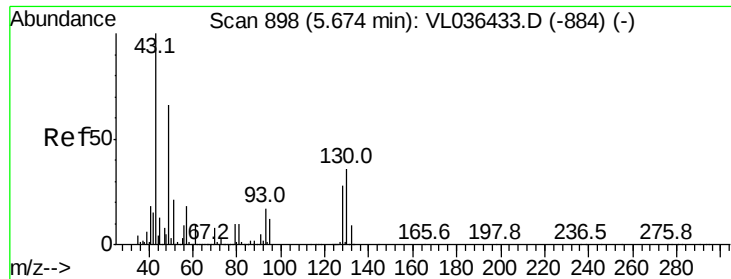
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 1 Sample Multiplier: 1

VSTDICC0.1

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 12:05

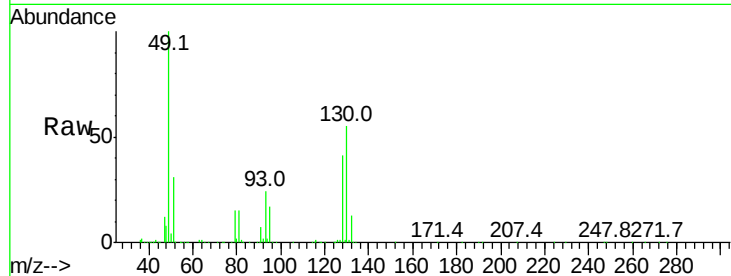
Tgt Ion: 49 Resp: 1754668

Ion Ratio Lower Upper

49 100

128 43.2 22.4 67.2

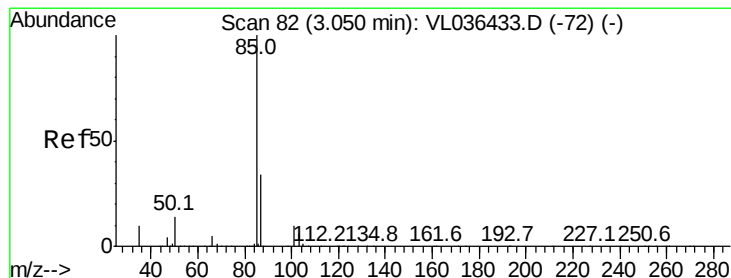
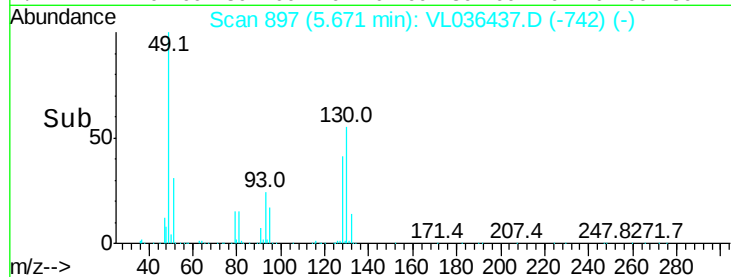
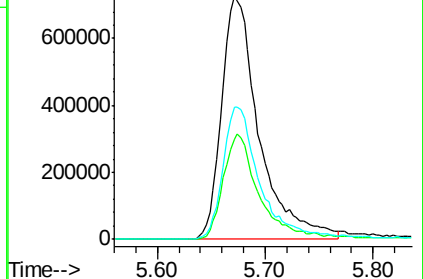
130 55.2 28.0 84.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.125 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL036437.D

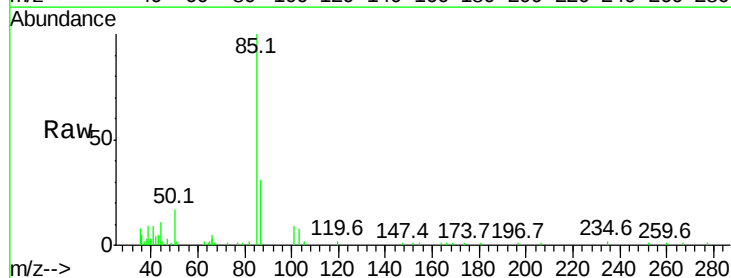
Acq: 3 Mar 2021 12:05

Tgt Ion: 85 Resp: 32793

Ion Ratio Lower Upper

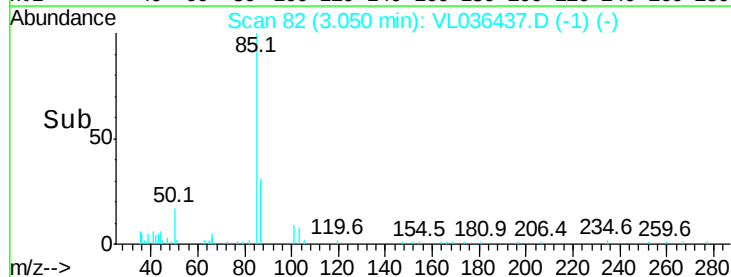
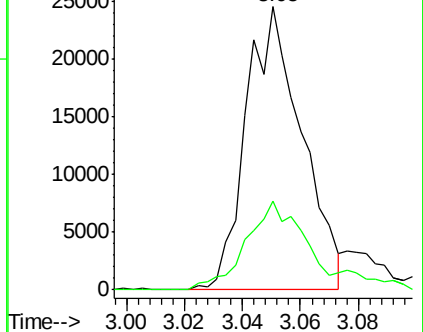
85 100

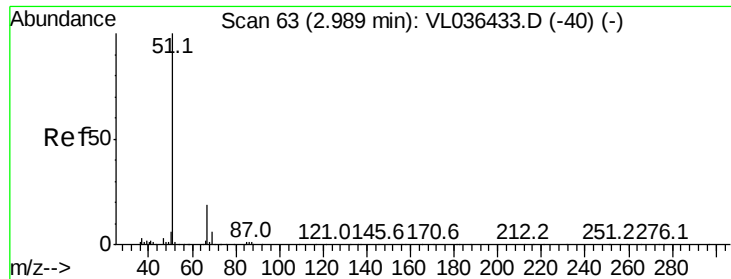
87 31.3 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.116 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

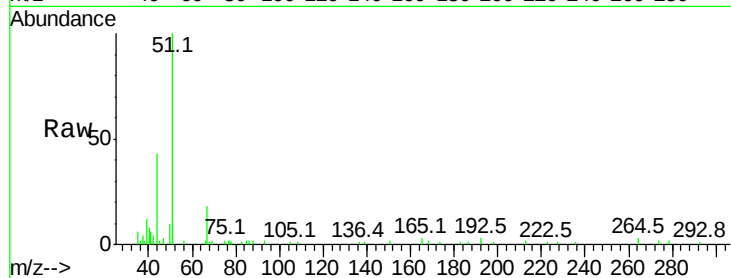
Acq: 3 Mar 2021 12:05

Tgt Ion: 51 Resp: 25384

Ion Ratio Lower Upper

51 100

67 19.8 14.8 22.2



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.99

15000

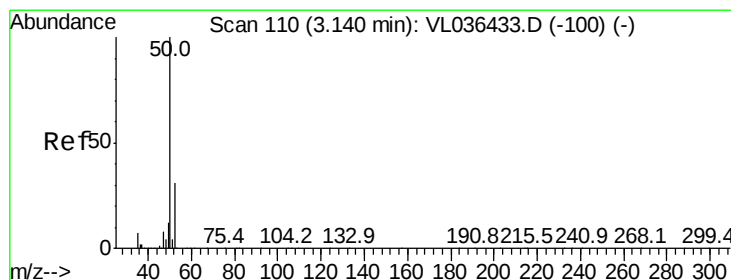
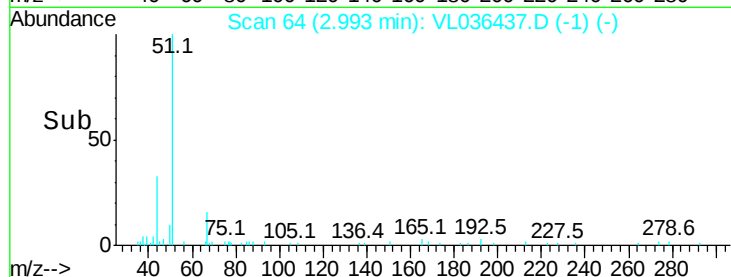
10000

5000

0

Time-->

2.90 3.00 3.10



#4

Chloromethane

Concen: 0.038 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL036437.D

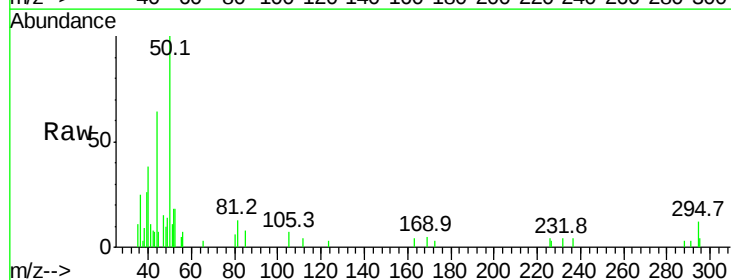
Acq: 3 Mar 2021 12:05

Tgt Ion: 50 Resp: 4035

Ion Ratio Lower Upper

50 100

52 37.9 24.6 36.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.14

8000

6000

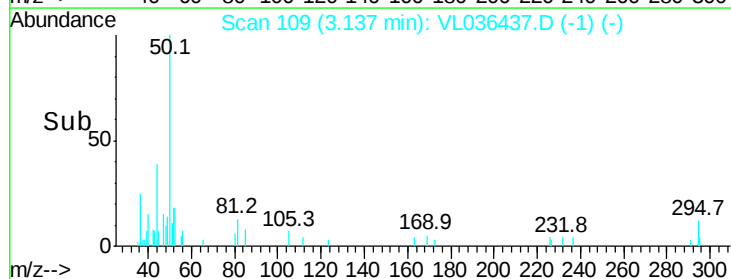
4000

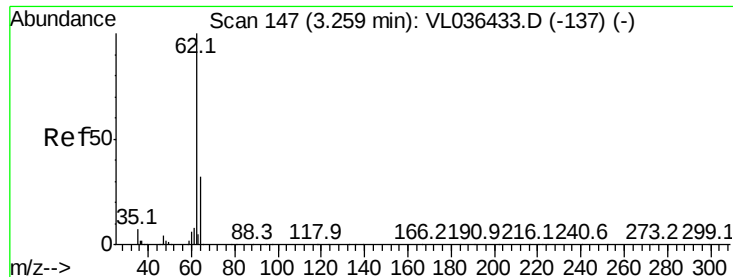
2000

0

Time-->

3.11 3.12 3.13 3.14





#5

Vinyl Chloride

Concen: 0.037 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

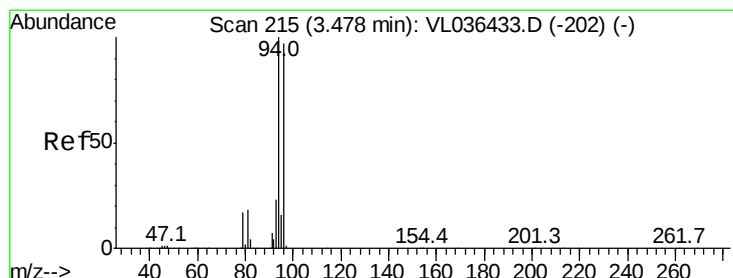
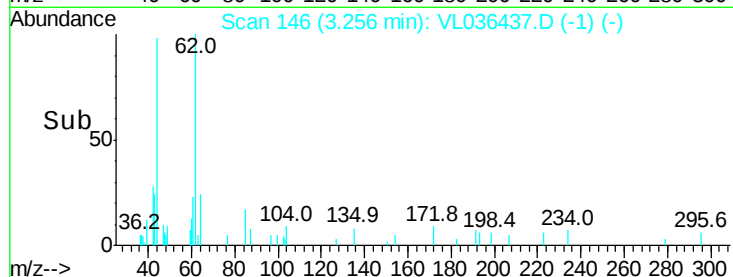
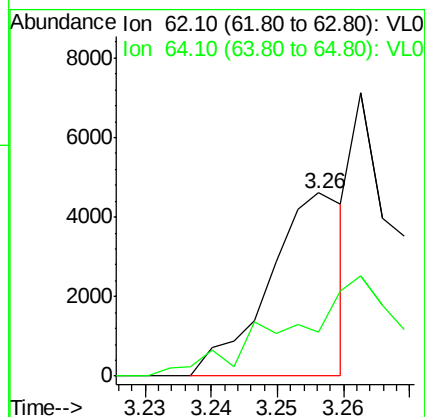
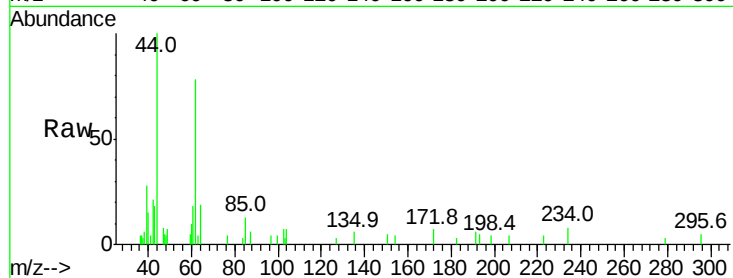
Acq: 3 Mar 2021 12:05

Tgt Ion: 62 Resp: 3666

Ion Ratio Lower Upper

62 100

64 18.9 25.4 38.2#



#6

Bromomethane

Concen: 0.069 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL036437.D

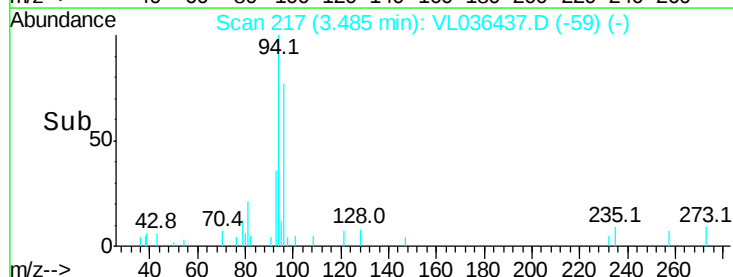
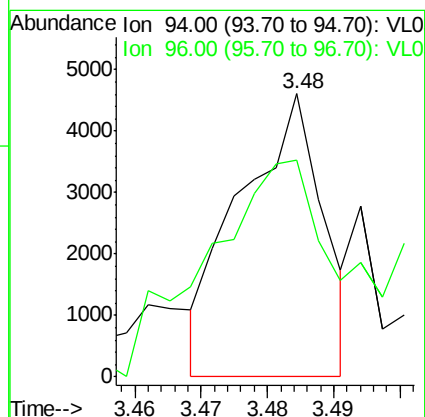
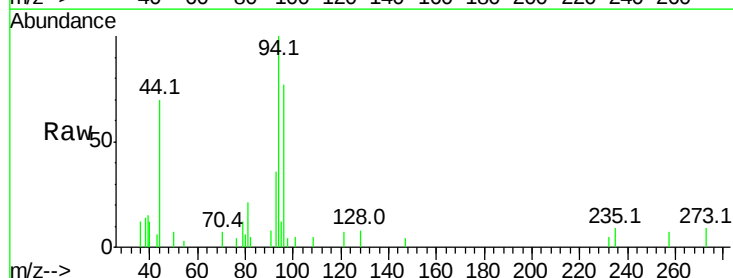
Acq: 3 Mar 2021 12:05

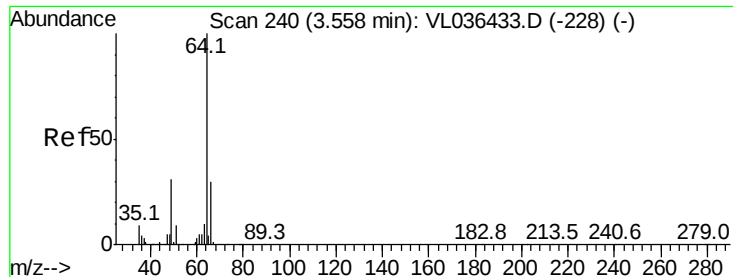
Tgt Ion: 94 Resp: 4028

Ion Ratio Lower Upper

94 100

96 63.9 77.3 115.9#





#7

Chloroethane

Concen: 0.049 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

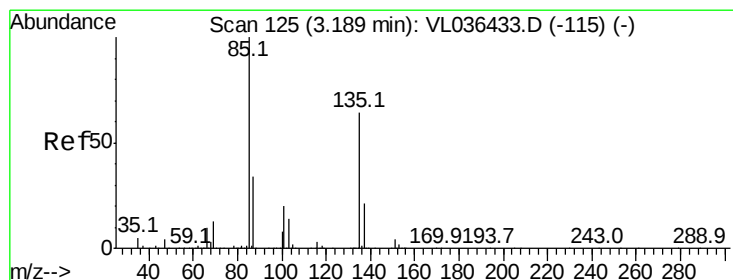
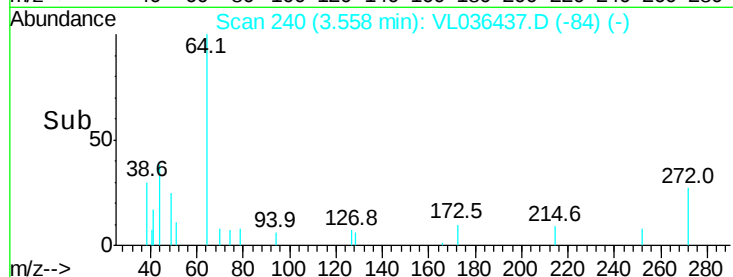
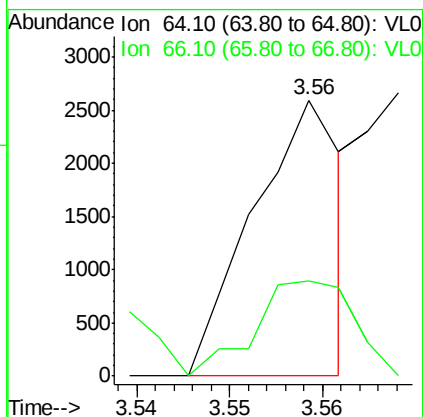
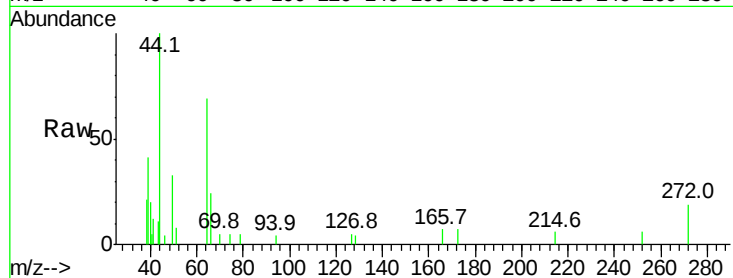
Acq: 3 Mar 2021 12:05 VSTDIC0.1

Tgt Ion: 64 Resp: 1722

Ion Ratio Lower Upper

64 100

66 34.6 24.3 36.5



#8

Dichlorotetrafluoroethane

Concen: 0.102 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL036437.D

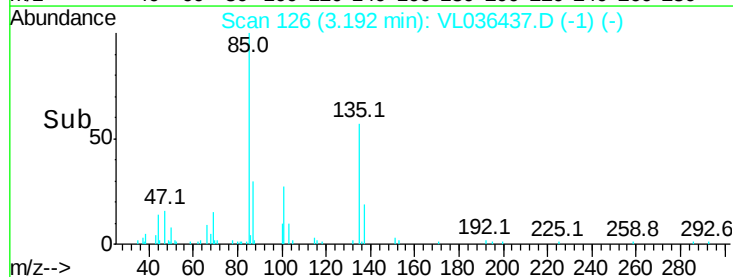
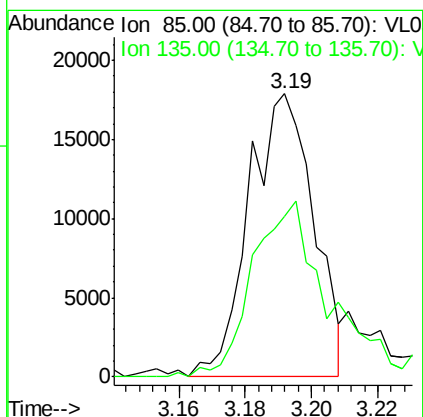
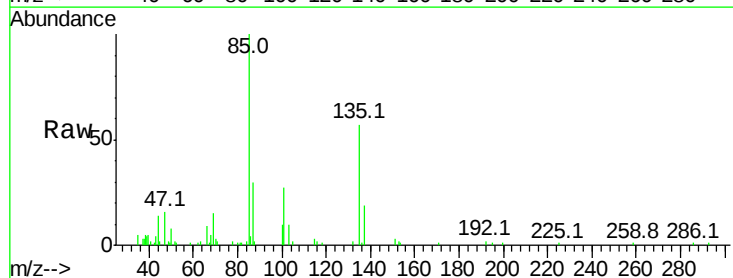
Acq: 3 Mar 2021 12:05

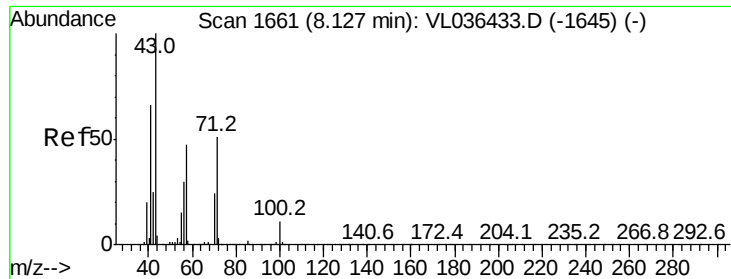
Tgt Ion: 85 Resp: 24216

Ion Ratio Lower Upper

85 100

135 78.4 52.8 79.2





#10

Heptane

Concen: 0.043 ppbv

RT: 8.13 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

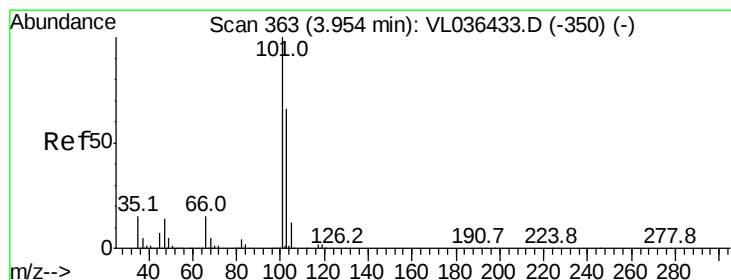
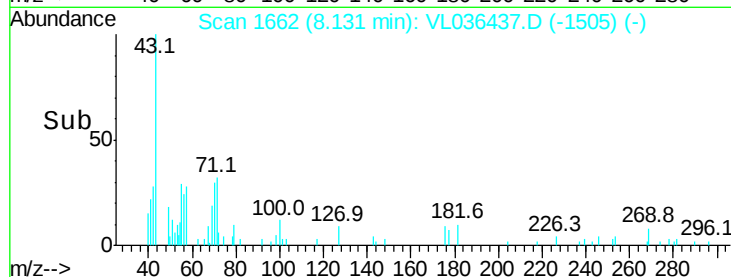
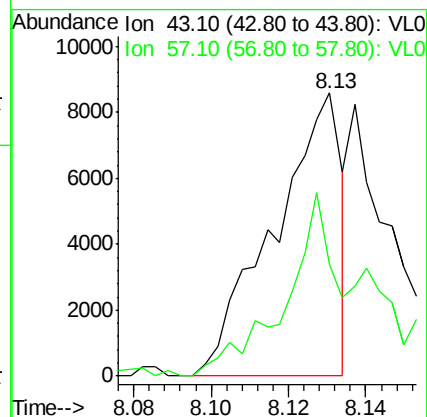
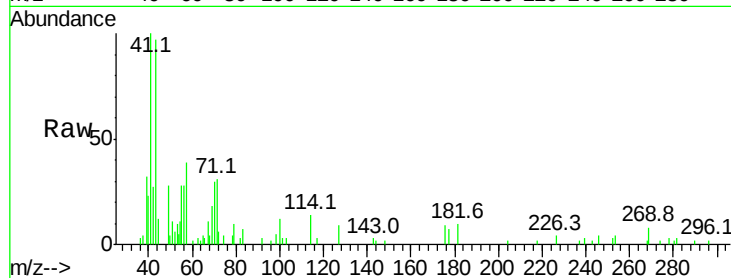
Acq: 3 Mar 2021 12:05 VSTDIC01

Tgt Ion: 43 Resp: 10403

Ion Ratio Lower Upper

43 100

57 92.5 39.1 58.7#



#11

Trichlorofluoromethane

Concen: 0.106 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VL036437.D

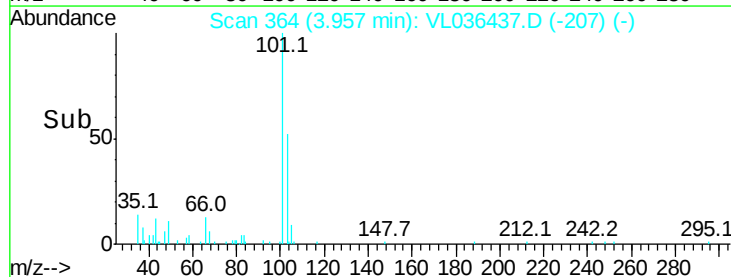
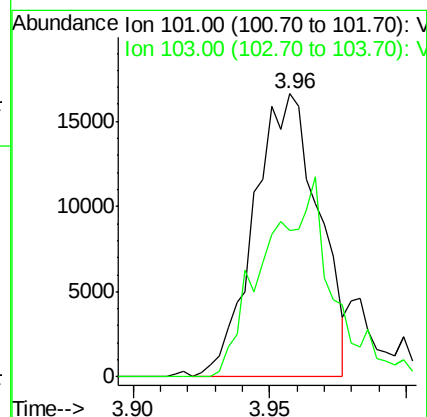
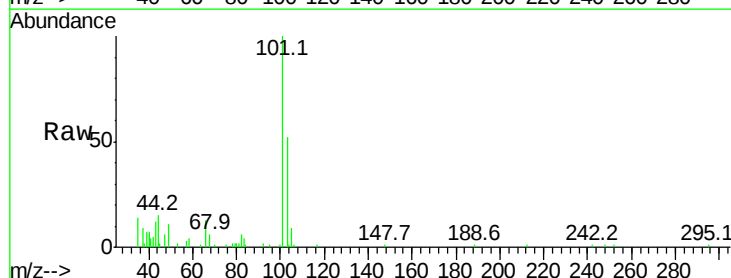
Acq: 3 Mar 2021 12:05

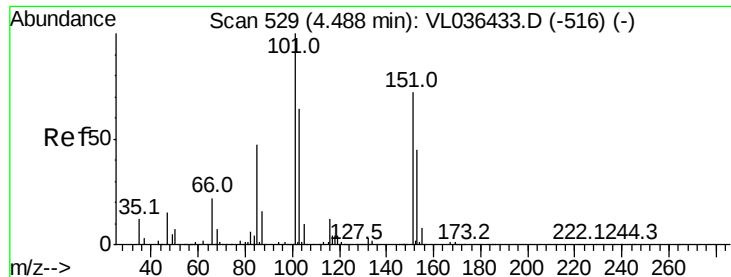
Tgt Ion: 101 Resp: 27211

Ion Ratio Lower Upper

101 100

103 51.6 52.4 78.6#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.104 ppbv

RT: 4.49 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

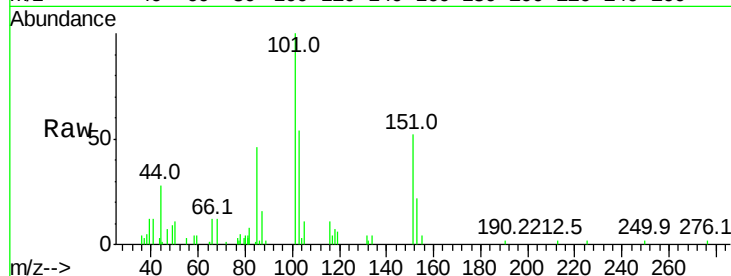
Acq: 3 Mar 2021 12:05 VSTDIC0.1

Tgt Ion: 101 Resp: 16559

Ion Ratio Lower Upper

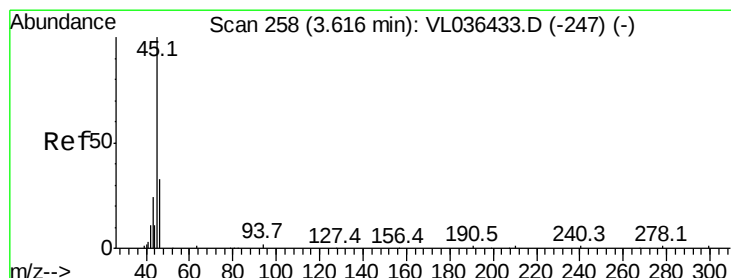
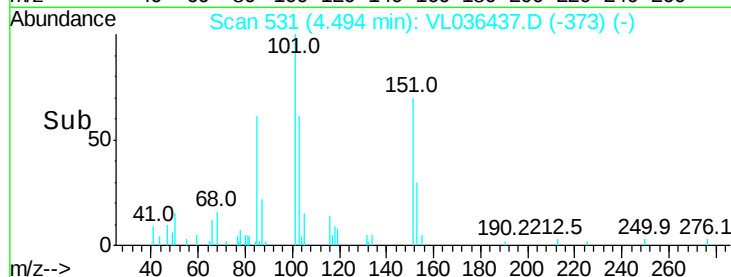
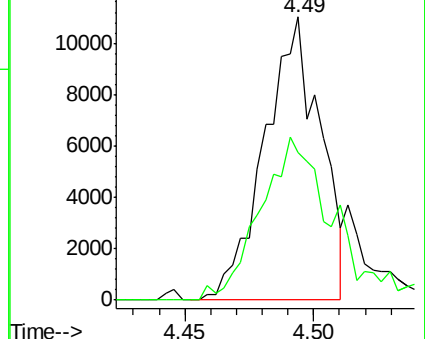
101 100

151 77.6 59.0 88.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 0.040 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.00 min

Lab File: VL036437.D

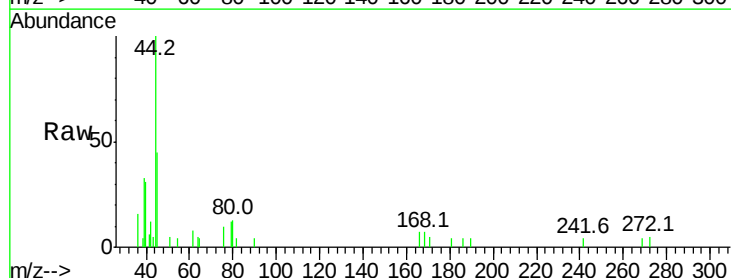
Acq: 3 Mar 2021 12:05

Tgt Ion: 45 Resp: 617

Ion Ratio Lower Upper

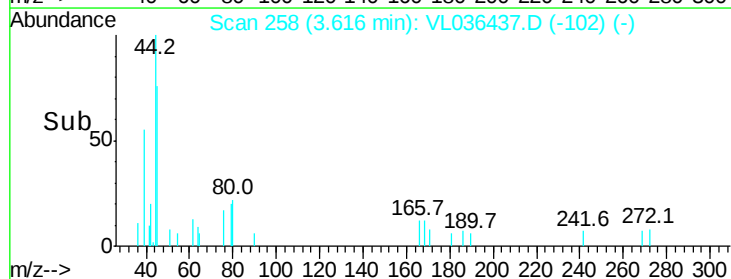
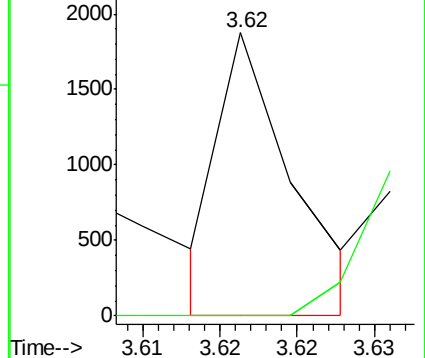
45 100

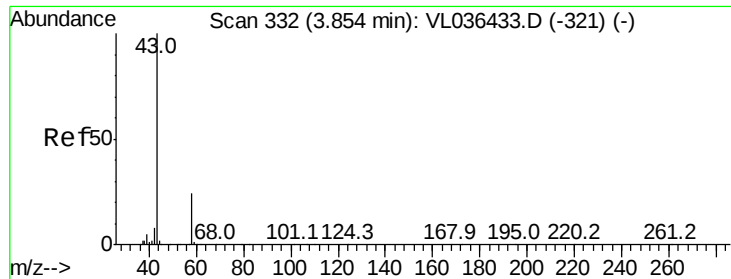
46 0.0 16.8 67.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.110 ppbv

RT: 3.88 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

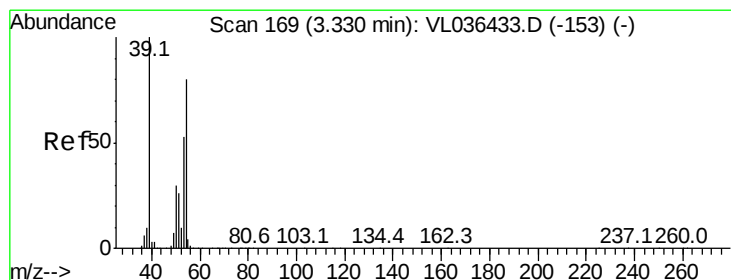
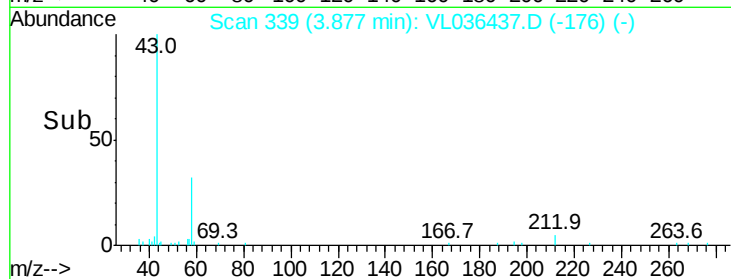
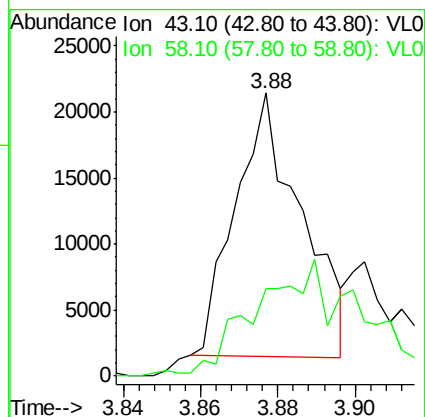
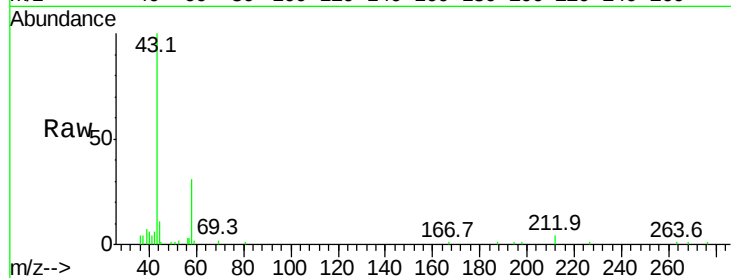
Acq: 3 Mar 2021 12:05

Tgt Ion: 43 Resp: 23634

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.6#



#16

1,3-Butadiene

Concen: 0.048 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.00 min

Lab File: VL036437.D

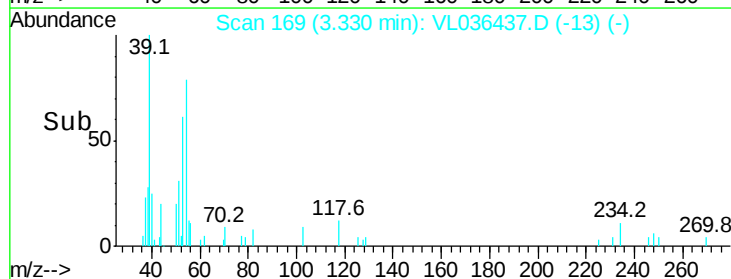
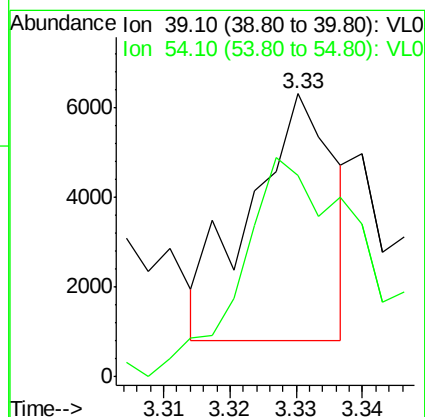
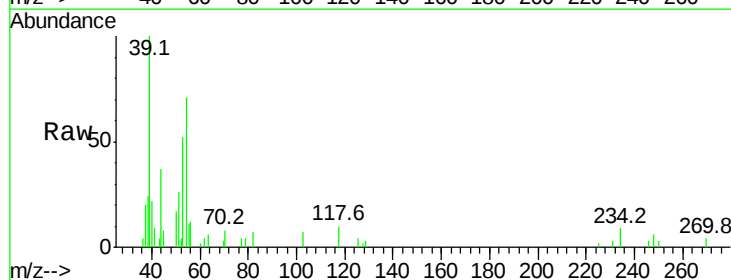
Acq: 3 Mar 2021 12:05

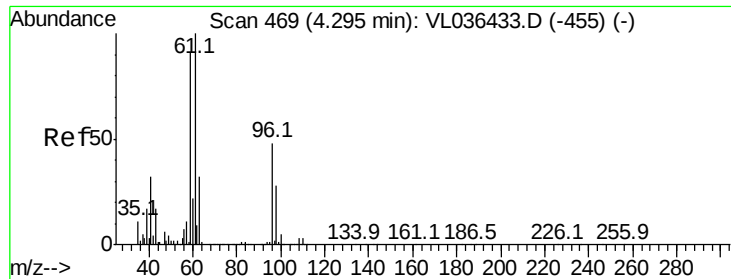
Tgt Ion: 39 Resp: 4907

Ion Ratio Lower Upper

39 100

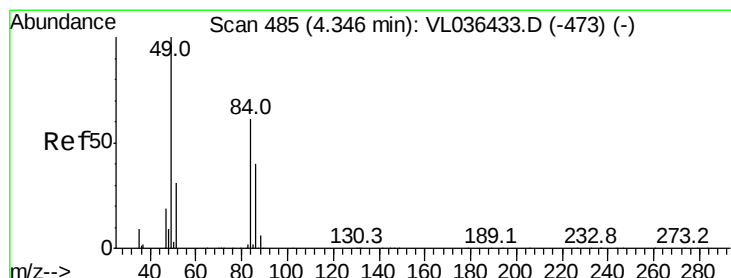
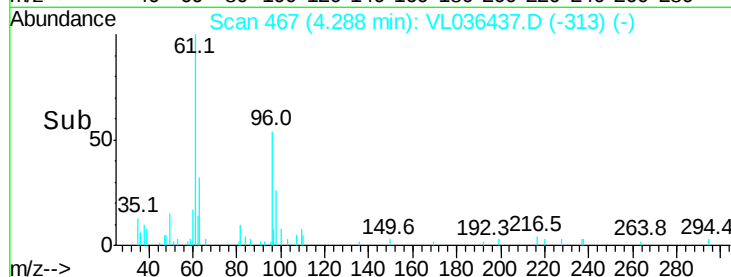
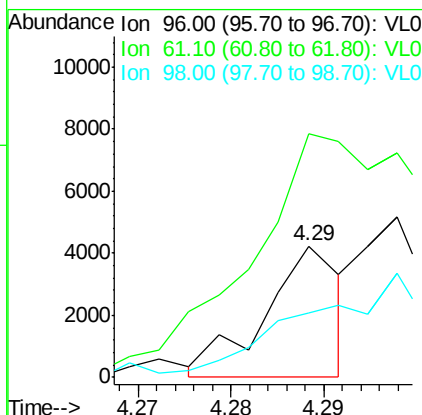
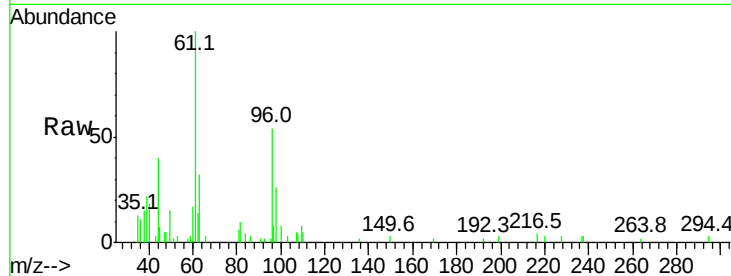
54 149.5 64.5 96.7#





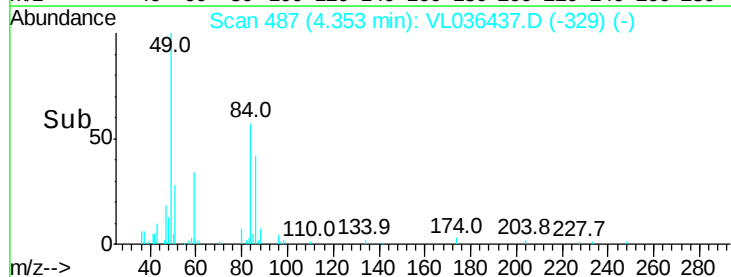
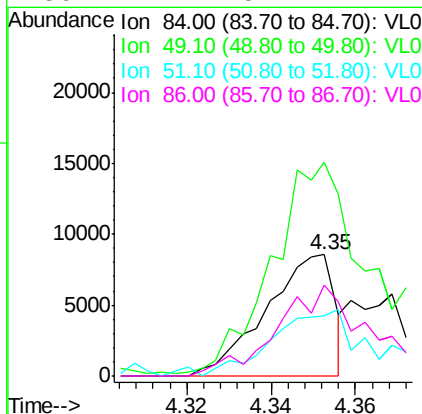
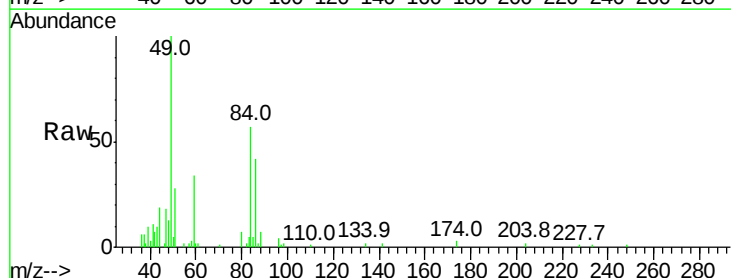
#18
 1,1-Dichloroethene
 Concen: 0.034 ppbv
 RT: 4.29 Instrument: MSVOA_1
 Delta R.T. Client SampleId:
 Lab File: VSTDIC0.1
 Acq: 3 Mar 2021 12:05

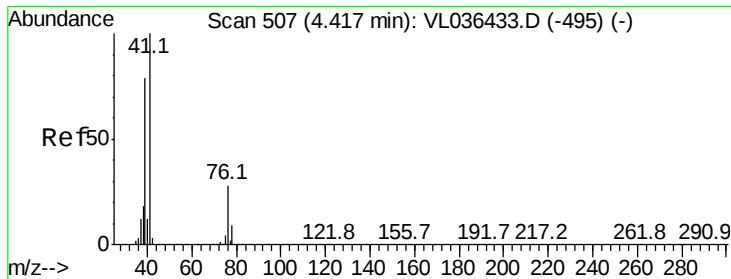
Tgt Ion: 96 Resp: 2423
 Ion Ratio Lower Upper
 96 100
 61 148.4 168.2 252.2#
 98 47.5 47.8 71.6#



#20
 Methylene Chloride
 Concen: 0.139 ppbv
 RT: 4.35 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: VL036437.D
 Acq: 3 Mar 2021 12:05

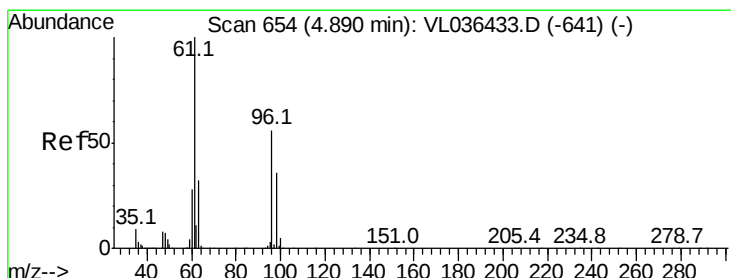
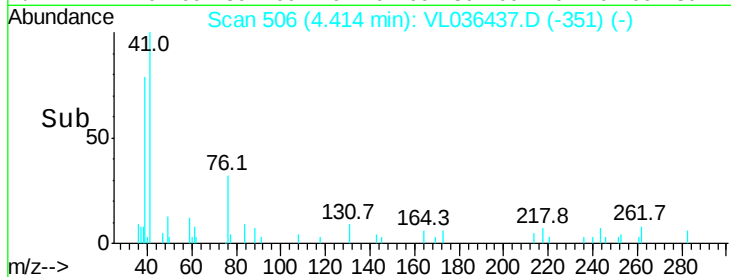
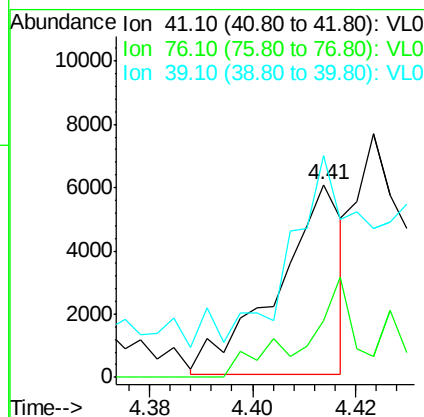
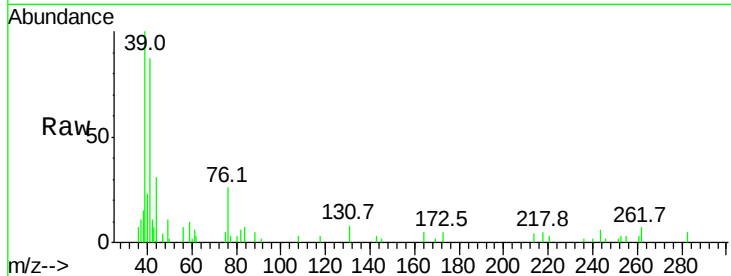
Tgt Ion: 84 Resp: 9619
 Ion Ratio Lower Upper
 84 100
 49 172.9 130.2 195.2
 51 42.3 40.5 60.7
 86 74.4 51.4 77.2





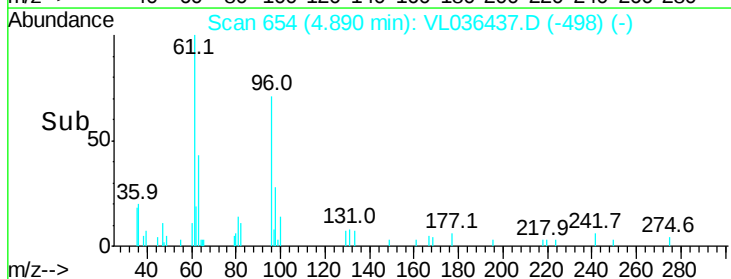
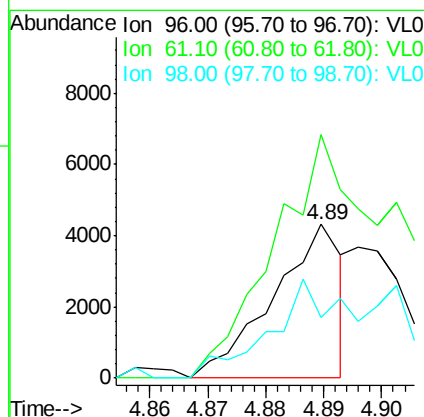
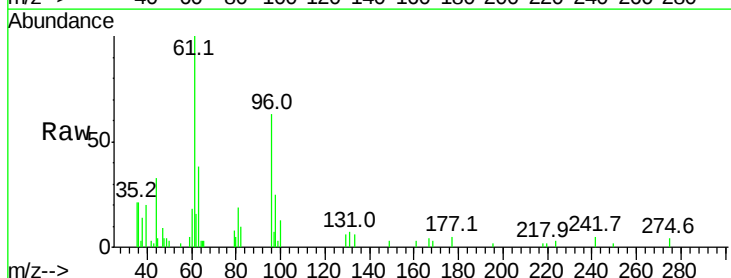
#21
 Allyl Chloride
 Concen: 0.044 ppbv
 RT: 4.41 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDIC0.1
 Acq: 3 Mar 2021 12:05

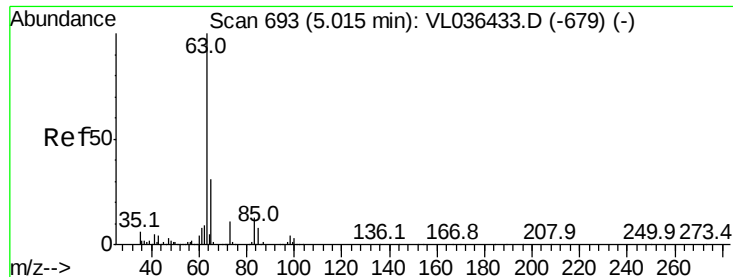
Tgt Ion: 41 Resp: 5201
 Ion Ratio Lower Upper
 41 100
 76 56.3 21.8 32.8#
 39 194.4 66.0 99.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.054 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VL036437.D
 Acq: 3 Mar 2021 12:05

Tgt Ion: 96 Resp: 3556
 Ion Ratio Lower Upper
 96 100
 61 158.5 142.1 213.1
 98 44.0 50.6 75.8#





#24

1,1-Dichloroethane

Concen: 0.040 ppbv

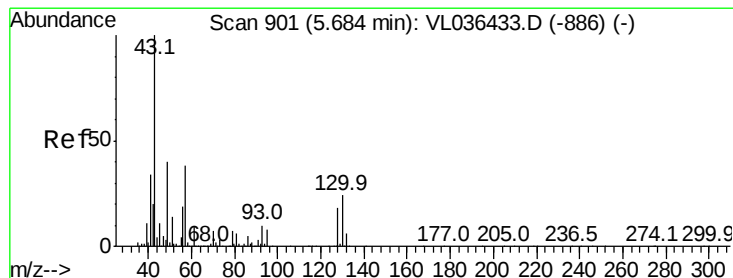
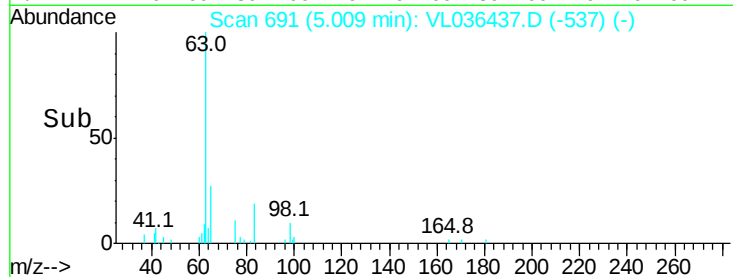
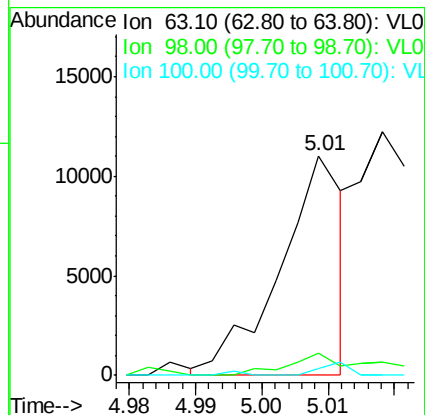
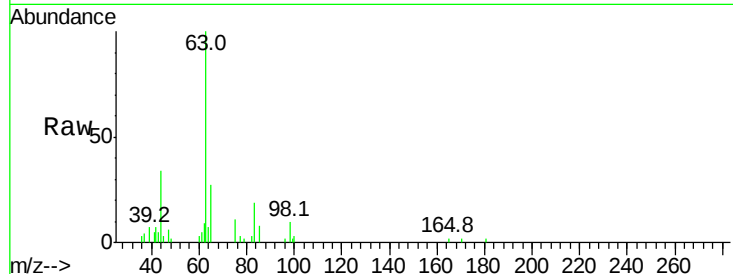
RT: 5.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 12:05 VSTDIC0.1

Tgt Ion:	63	Resp:	7371
Ion	Ratio	Lower	Upper
63	100		
98	10.7	2.0	5.8#
100	3.4	1.3	3.8



#25

Ethyl Acetate

Concen: 0.040 ppbv

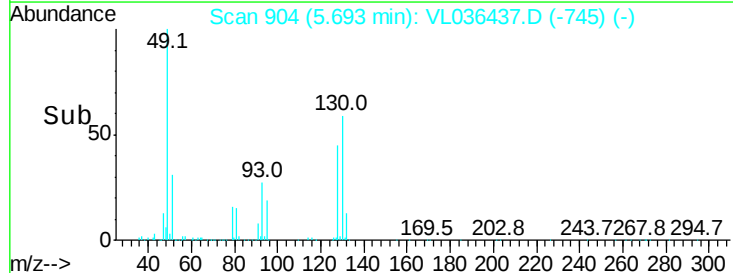
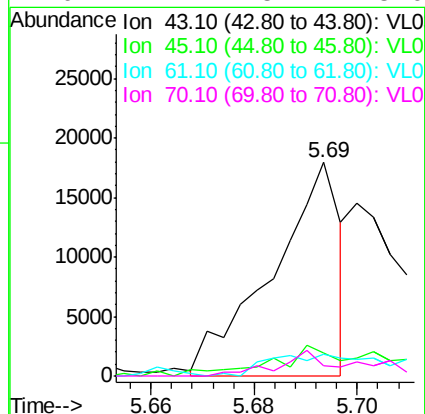
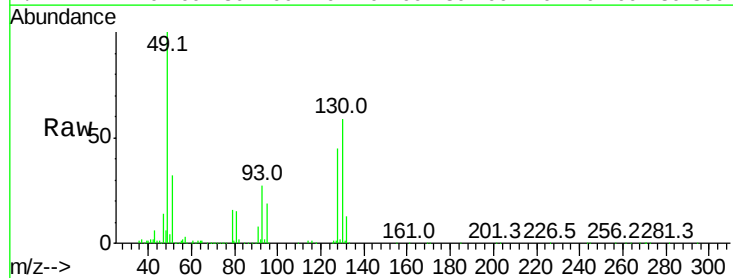
RT: 5.69 min Scan# 904

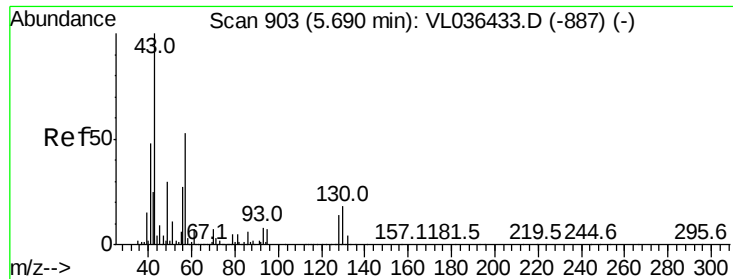
Delta R.T. 0.01 min

Lab File: VL036437.D

Acq: 3 Mar 2021 12:05

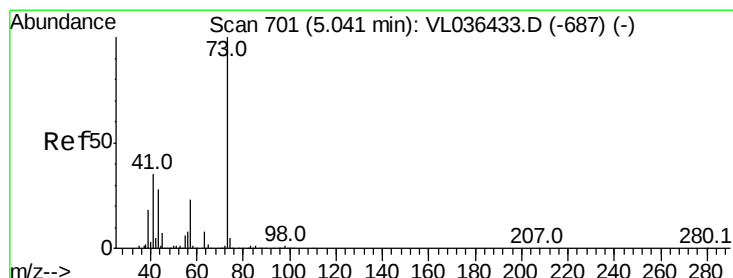
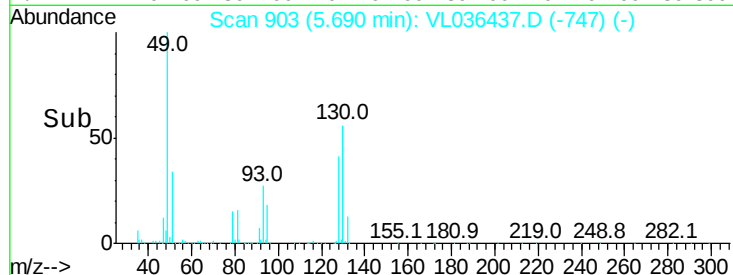
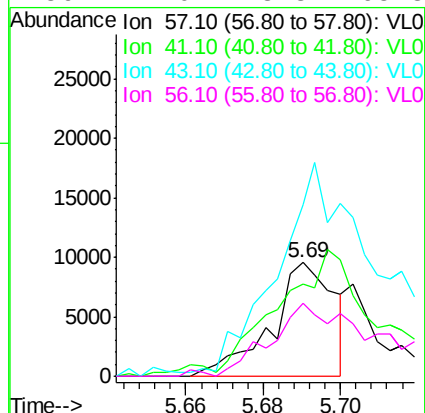
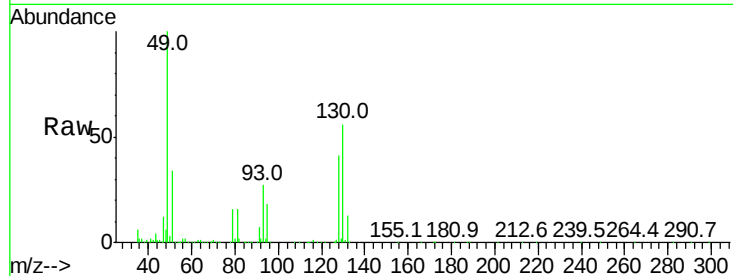
Tgt Ion:	43	Resp:	16392
Ion	Ratio	Lower	Upper
43	100		
45	28.2	8.0	12.0#
61	33.3	7.7	11.5#
70	17.1	5.4	8.0#





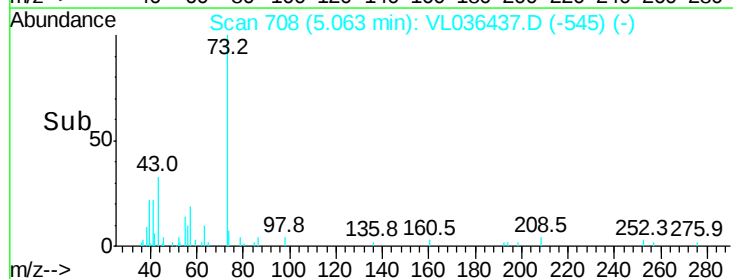
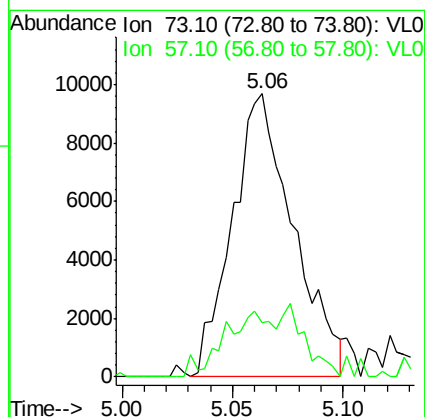
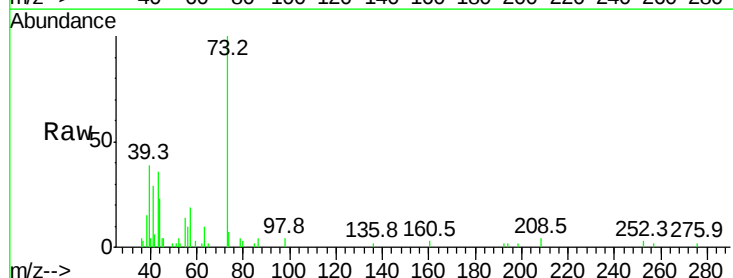
#26
Hexane
Concen: 0.063 ppbv
RT: 5.69
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 3 Mar 2021 12:05

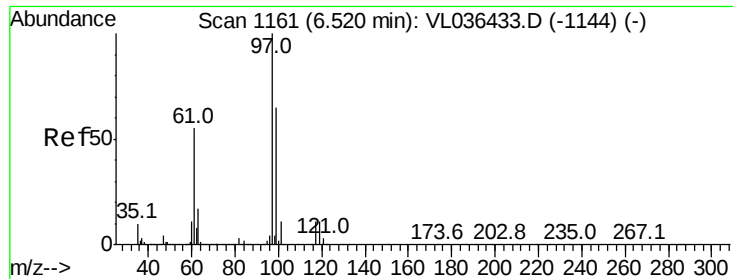
Tgt Ion:	57	Resp:	10734
Ion	Ratio	Lower	Upper
57	100		
41	211.9	80.4	120.6#
43	343.8	199.8	299.6#
56	111.0	43.8	65.8#



#28
Methyl tert-Butyl Ether
Concen: 0.084 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.02 min
Lab File: VL036437.D
Acq: 3 Mar 2021 12:05

Tgt Ion:	73	Resp:	18644
Ion	Ratio	Lower	Upper
73	100		
57	28.4	19.0	28.6





#32

1,1,1-Trichloroethane

Concen: 0.062 ppbv

RT: 6.52 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Mar 2021 12:05

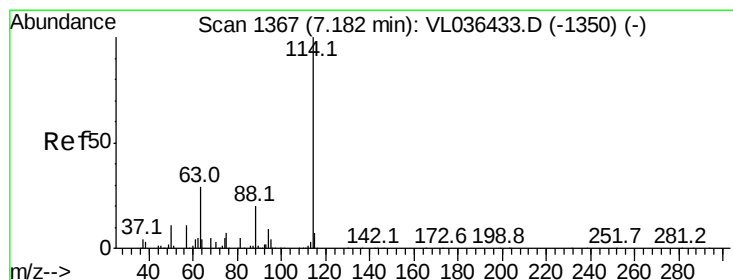
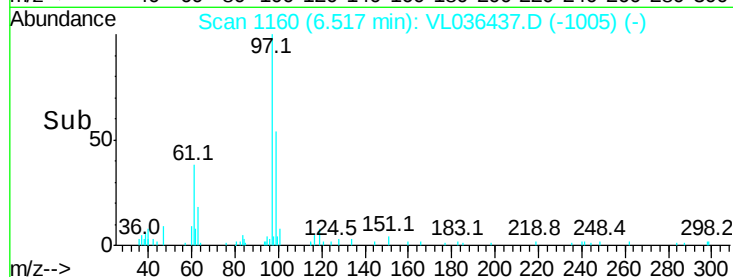
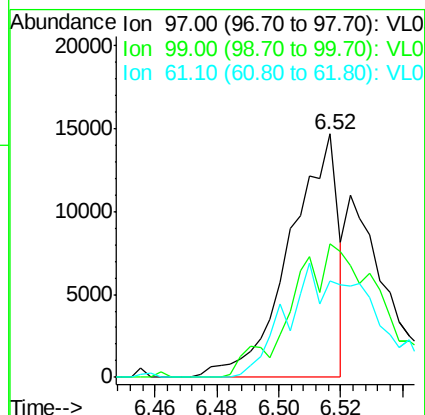
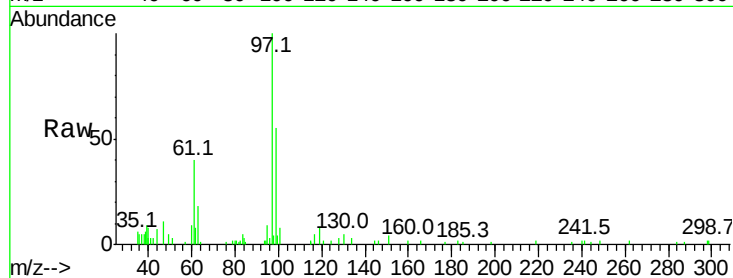
Tgt Ion: 97 Resp: 15891

Ion Ratio Lower Upper

97 100

99 109.0 52.1 78.1#

61 87.1 42.2 63.4#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VL036437.D

Acq: 3 Mar 2021 12:05

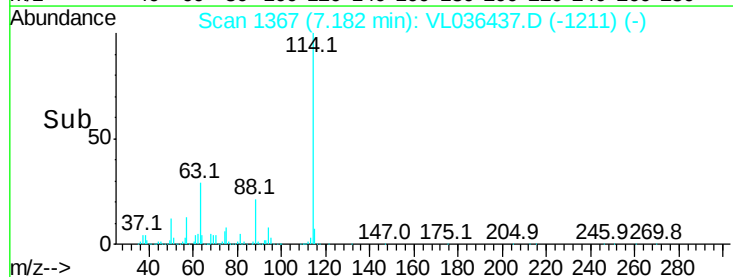
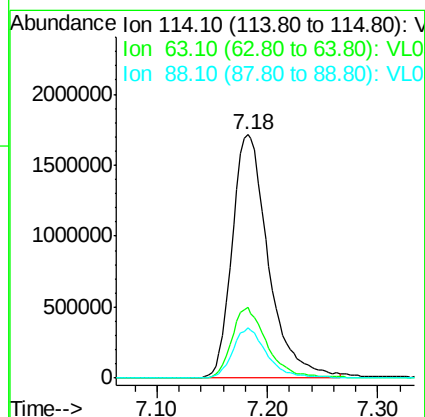
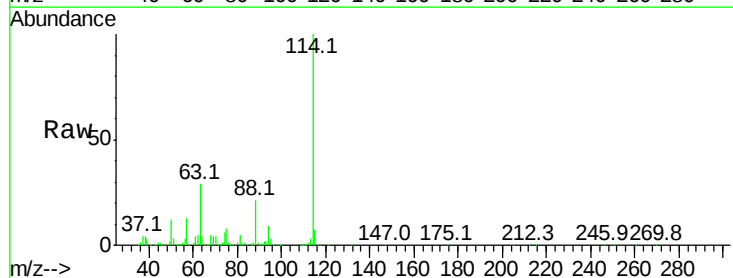
Tgt Ion: 114 Resp: 3907141

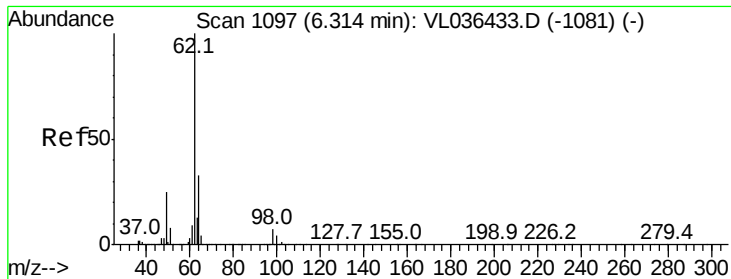
Ion Ratio Lower Upper

114 100

63 28.7 23.3 34.9

88 19.7 15.6 23.4





#37

1,2-Dichloroethane

Concen: 0.034 ppbv

RT: 6.32 Instrument: MSVOA_1

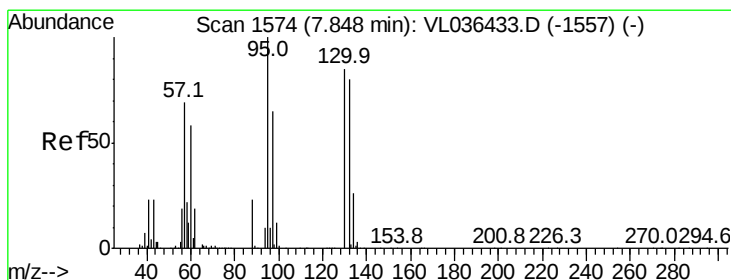
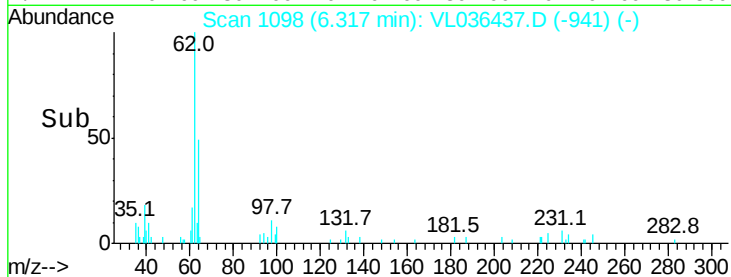
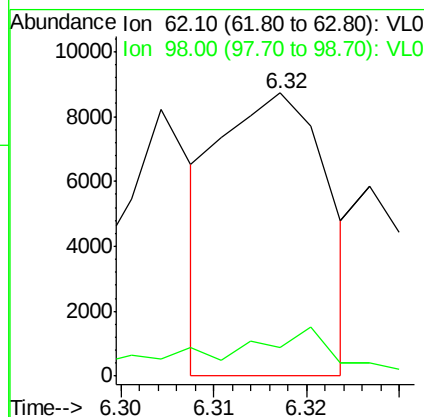
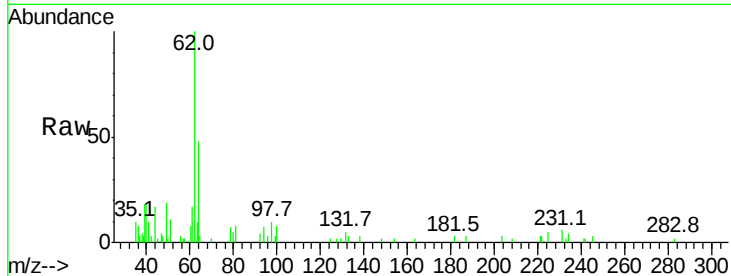
Delta R.T. ClientSampleId:

Lab File: VSTDIC0.1

Acq: 3 Mar 2021 12:05

Tgt Ion: 62 Resp: 7063

Ion	Ratio	Lower	Upper
62	100		
98	23.4	4.8	7.2#



#38

Trichloroethene

Concen: 0.031 ppbv

RT: 7.84 min Scan# 1573

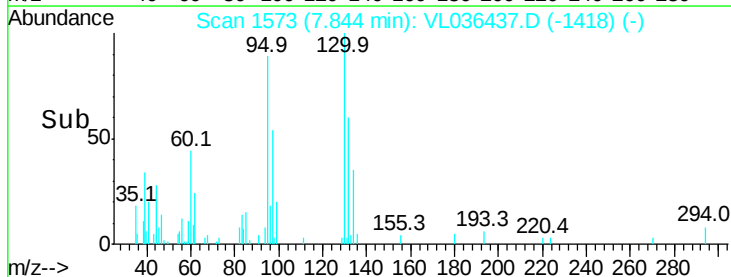
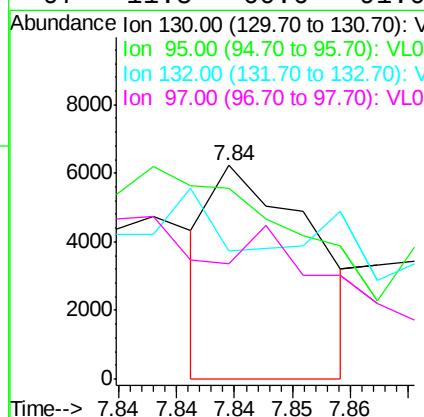
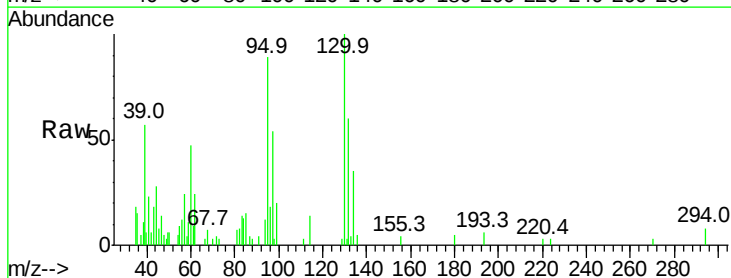
Delta R.T. -0.00 min

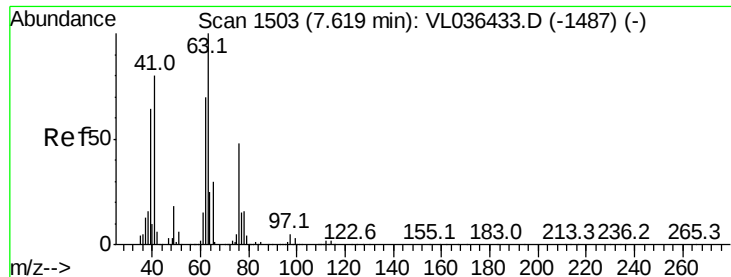
Lab File: VL036437.D

Acq: 3 Mar 2021 12:05

Tgt Ion: 130 Resp: 3745

Ion	Ratio	Lower	Upper
130	100		
95	55.3	93.8	140.8#
132	0.0	74.6	112.0#
97	11.5	60.6	91.0#





#39

1,2-Dichloropropane

Concen: 8.005 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 12:05 VSTDIC0.1

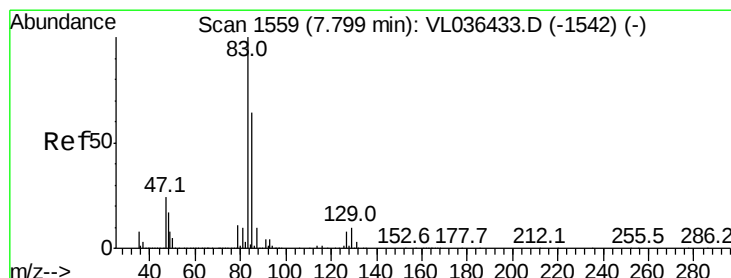
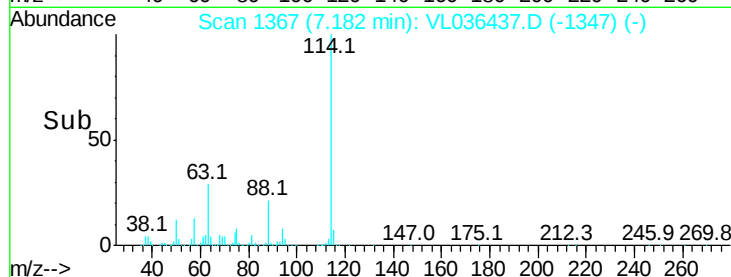
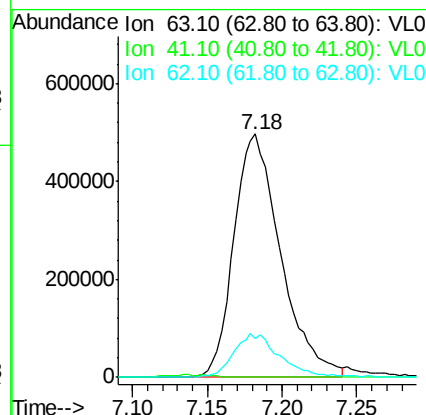
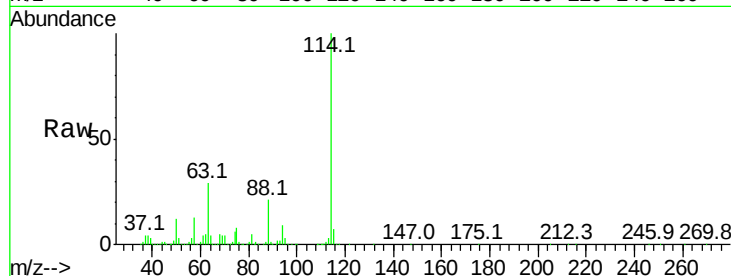
Tgt Ion: 63 Resp: 1079221

Ion Ratio Lower Upper

63 100

41 0.0 64.4 96.6#

62 15.9 55.7 83.5#



#42

Bromodichloromethane

Concen: 0.032 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VL036437.D

Acq: 3 Mar 2021 12:05

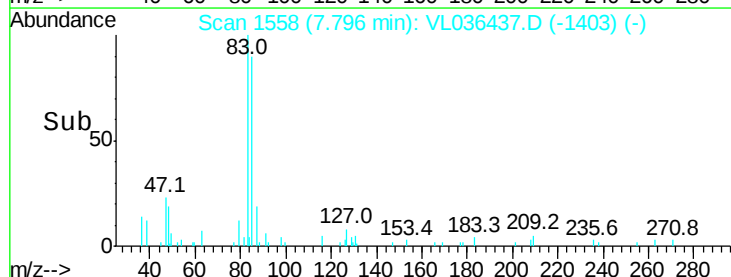
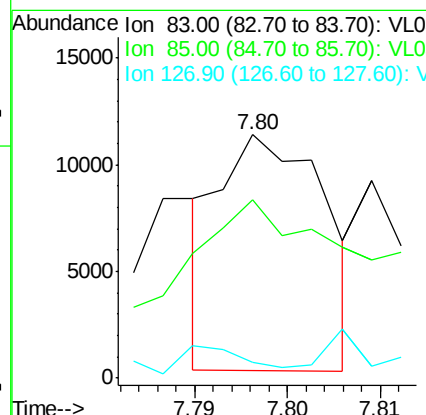
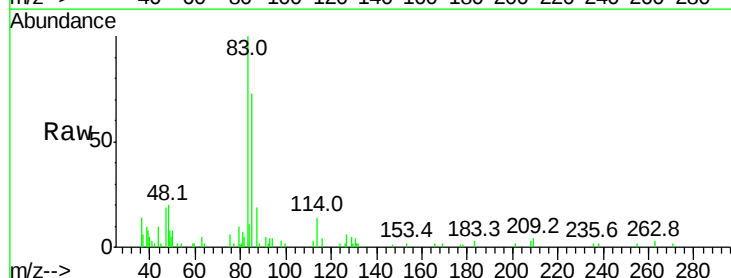
Tgt Ion: 83 Resp: 8746

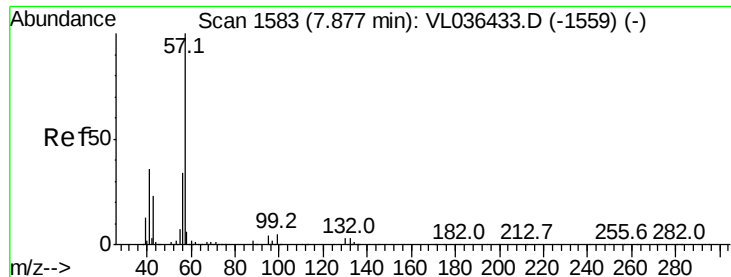
Ion Ratio Lower Upper

83 100

85 50.9 51.2 76.8#

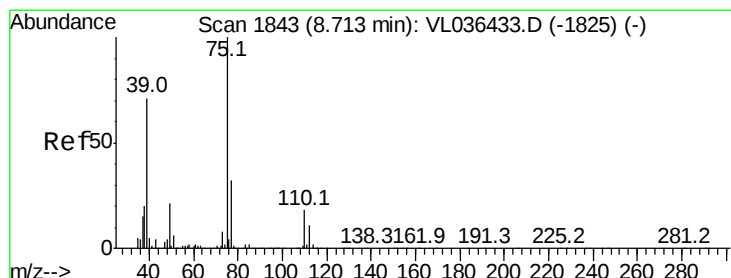
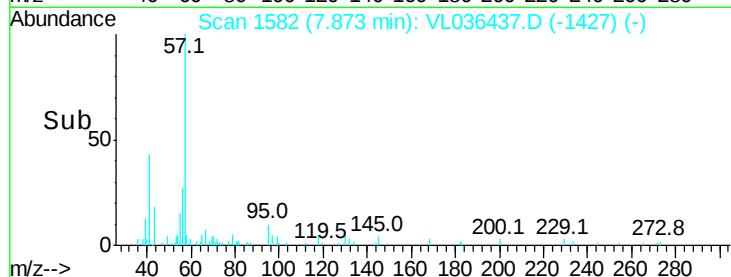
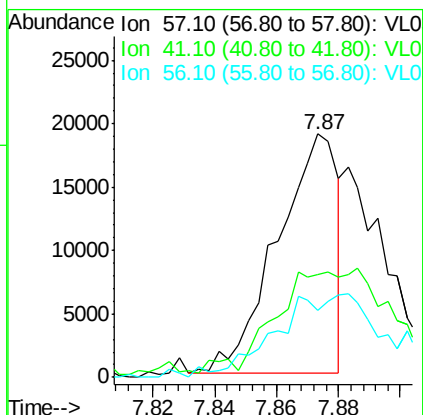
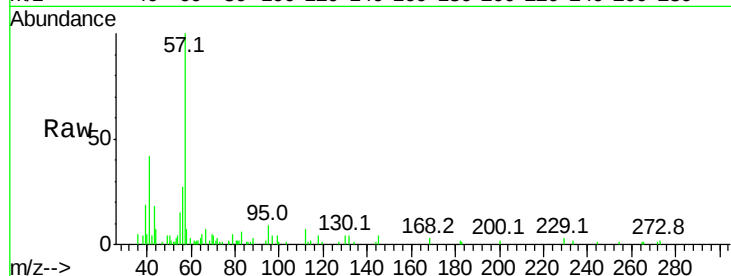
127 0.0 6.0 9.0#





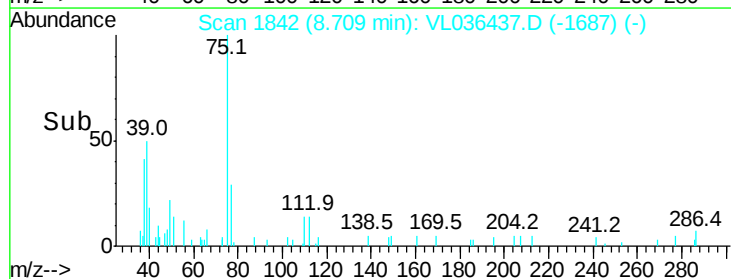
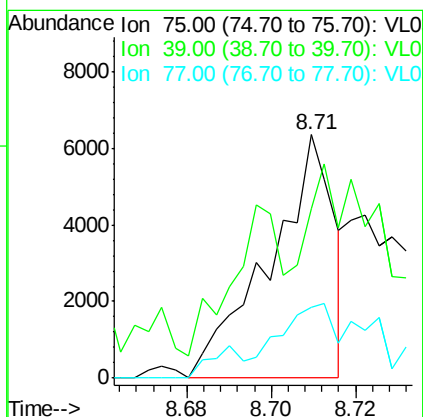
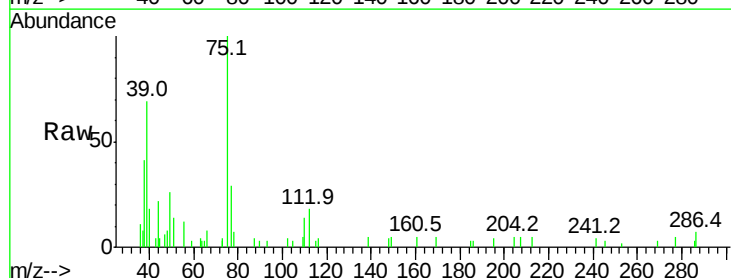
#44
 2,2,4-Trimethylpentane
 Concen: 0.042 ppbv
 RT: 7.87
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VSTDIC0.1
 Acq: 3 Mar 2021 12:05

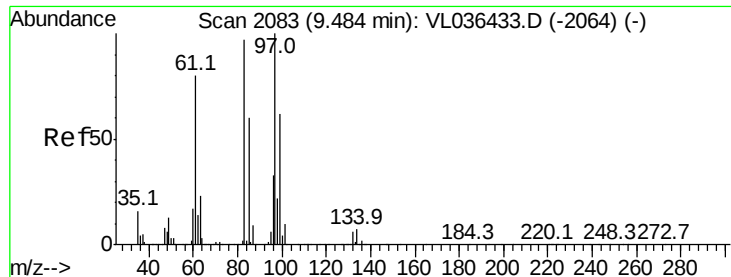
Tgt Ion: 57 Resp: 25491
 Ion Ratio Lower Upper
 57 100
 41 0.0 28.2 42.2#
 56 0.0 25.9 38.9#



#46
 cis-1,3-Dichloropropene
 Concen: 0.039 ppbv
 RT: 8.71 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VL036437.D
 Acq: 3 Mar 2021 12:05

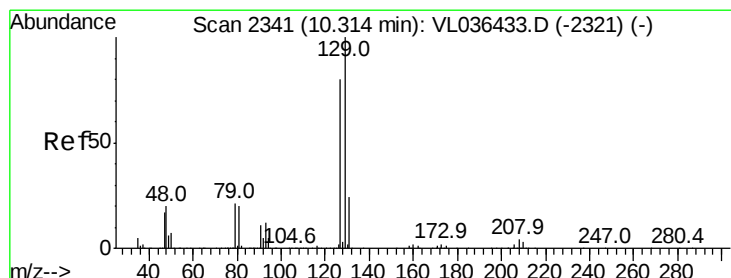
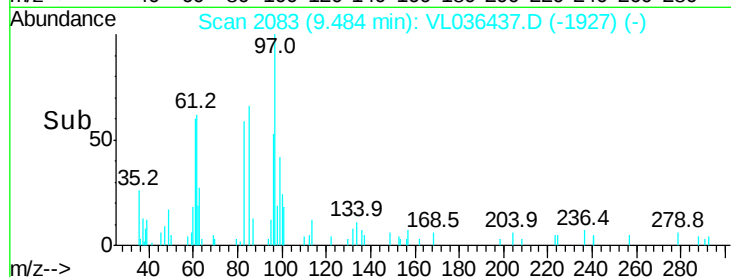
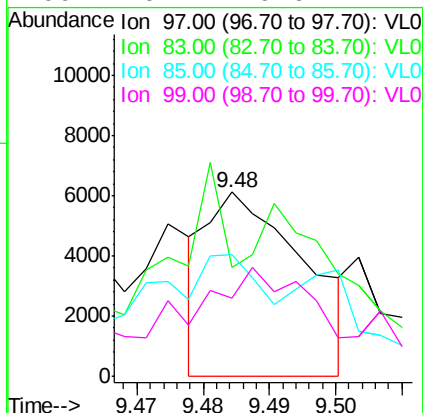
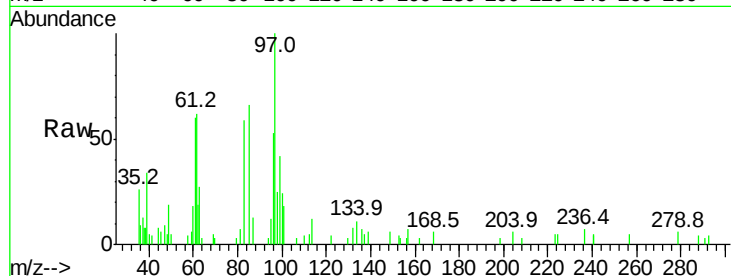
Tgt Ion: 75 Resp: 6687
 Ion Ratio Lower Upper
 75 100
 39 60.2 57.1 85.7
 77 29.2 25.3 37.9





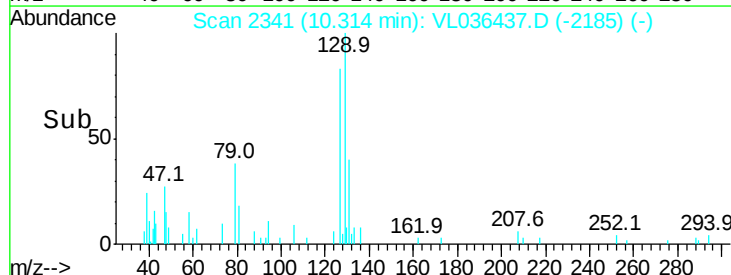
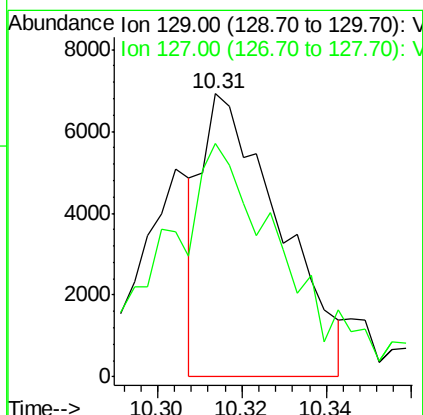
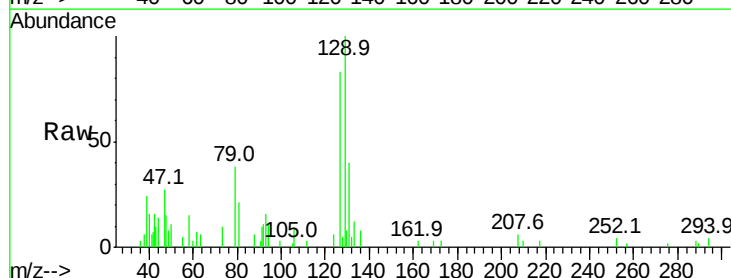
#47
 1,1,2-Trichloroethane
 Concen: 0.045 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC01
 Acq: 3 Mar 2021 12:05

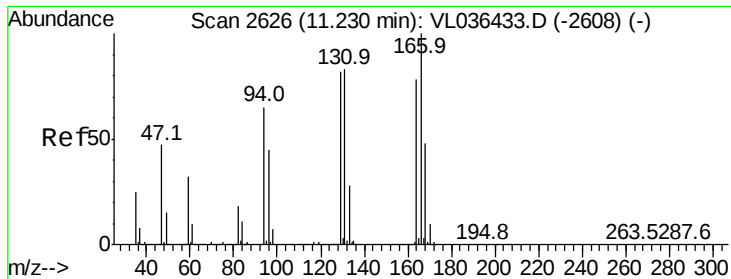
Tgt Ion: 97 Resp: 6236
 Ion Ratio Lower Upper
 97 100
 83 8.1 77.8 116.8#
 85 53.1 47.6 71.4
 99 46.7 49.6 74.4#



#48
 Dibromochloromethane
 Concen: 0.043 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.00 min
 Lab File: VL036437.D
 Acq: 3 Mar 2021 12:05

Tgt Ion: 129 Resp: 8824
 Ion Ratio Lower Upper
 129 100
 127 144.9 39.4 118.1#





#52

Tetrachloroethene

Concen: 0.043 ppbv

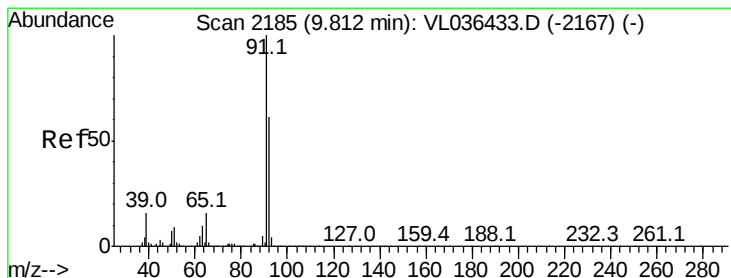
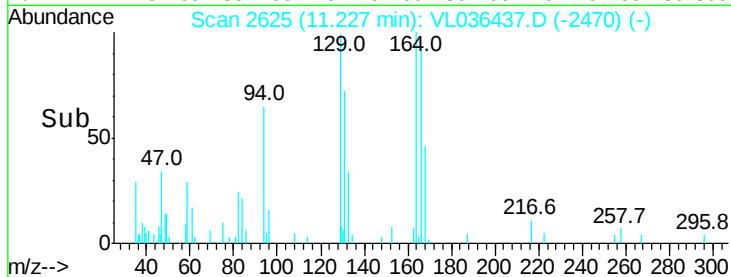
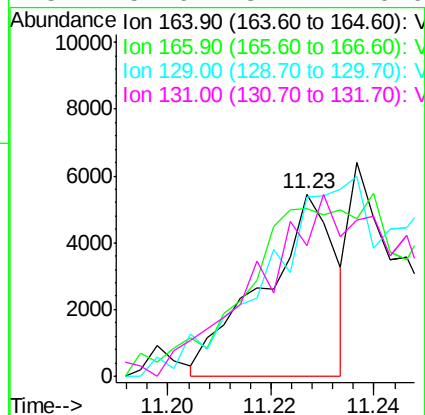
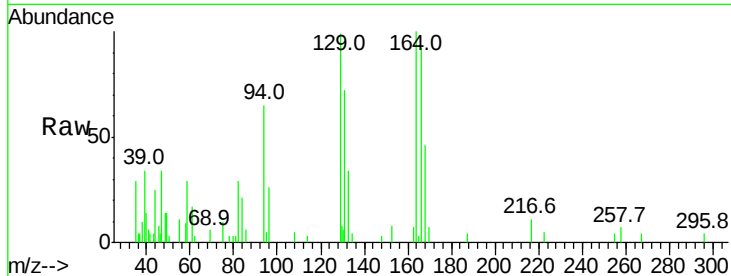
RT: 11.23

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 12:05

Tgt Ion:	164	Resp:	5237
Ion	Ratio	Lower	Upper
164	100		
166	75.2	102.0	153.0#
129	80.1	83.3	124.9#
131	54.9	84.4	126.6#



#53

Toluene

Concen: 0.042 ppbv

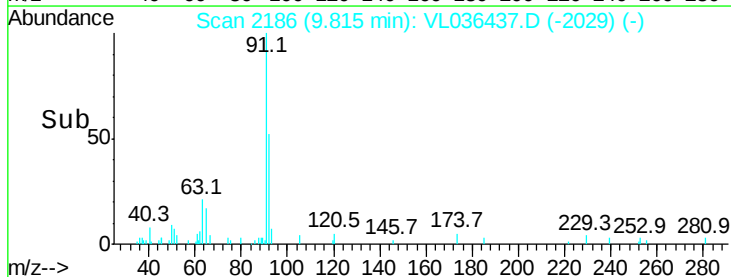
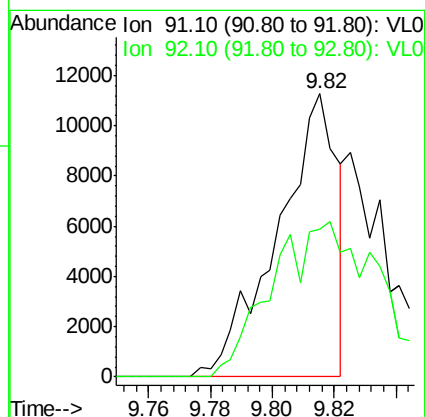
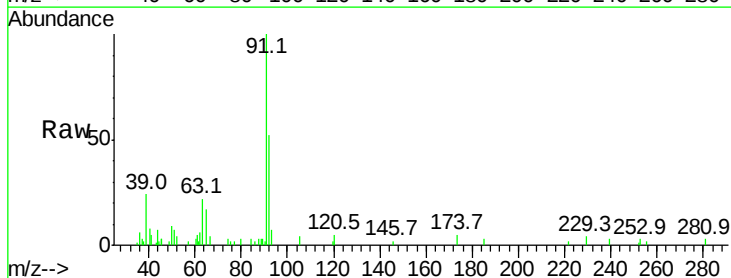
RT: 9.82 min Scan# 2186

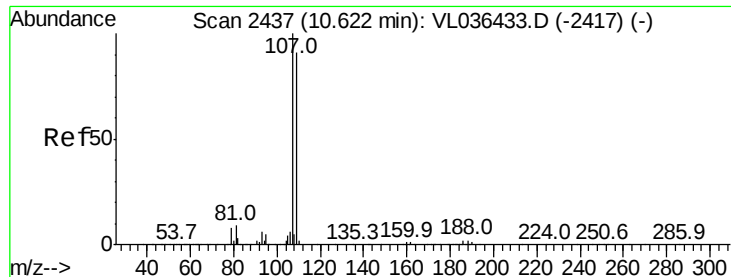
Delta R.T. 0.00 min

Lab File: VL036437.D

Acq: 3 Mar 2021 12:05

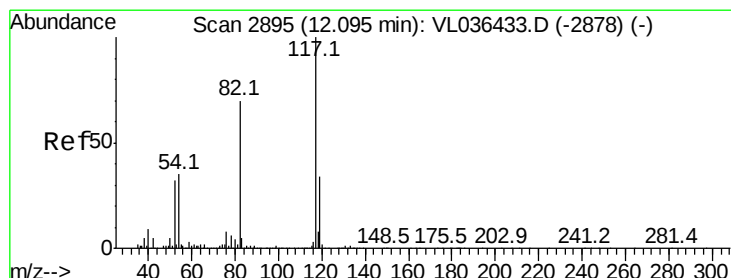
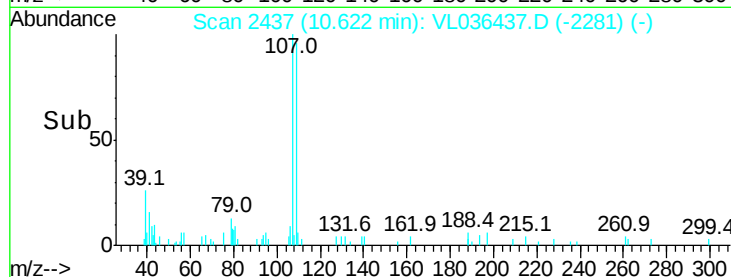
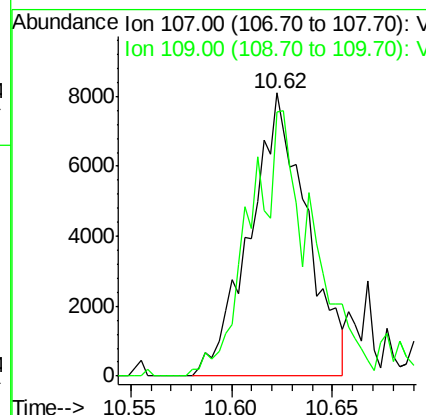
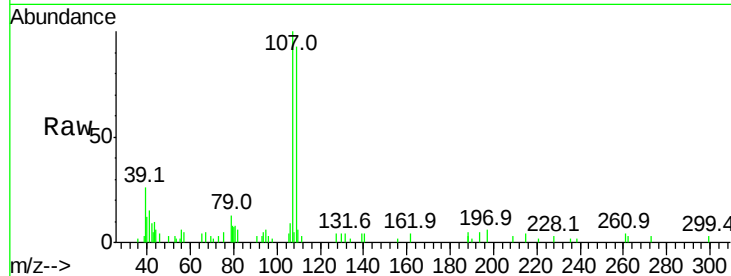
Tgt Ion:	91	Resp:	15050
Ion	Ratio	Lower	Upper
91	100		
92	102.9	49.0	73.6#





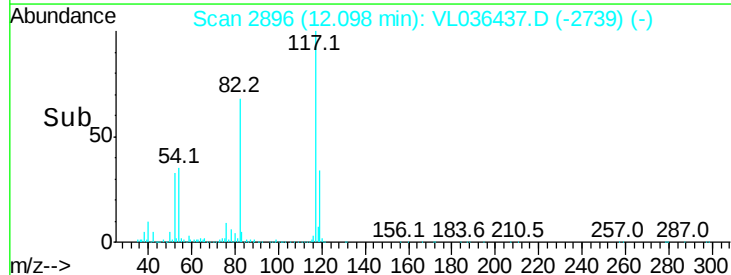
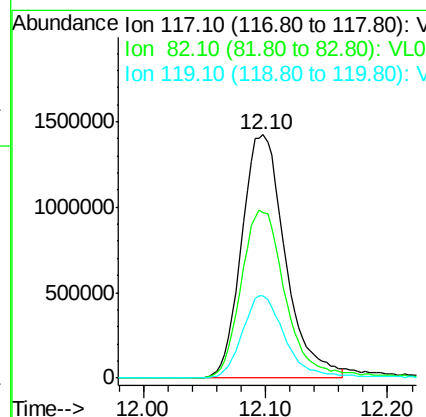
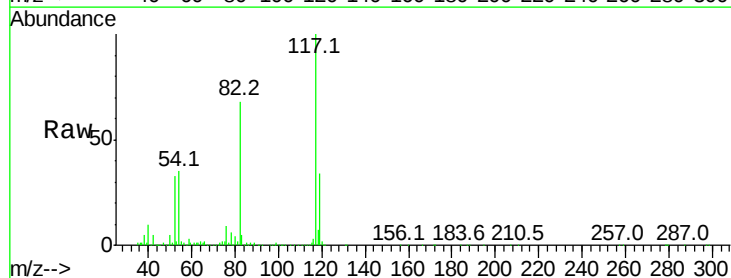
#54
 1,2-Dibromoethane
 Concen: 0.080 ppbv
 RT: 10.62 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VSTDIC0.1
 Acq: 3 Mar 2021 12:05

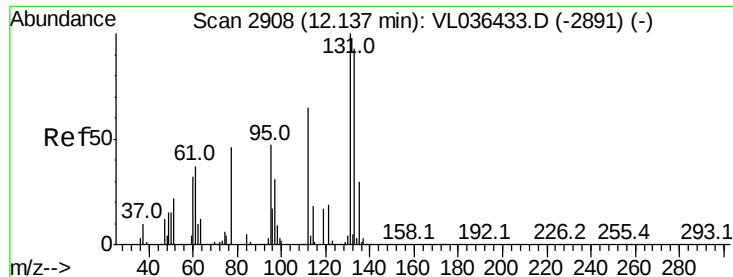
Tgt Ion:107 Resp: 15878
 Ion Ratio Lower Upper
 107 100
 109 90.7 73.0 109.6



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. 0.00 min
 Lab File: VL036437.D
 Acq: 3 Mar 2021 12:05

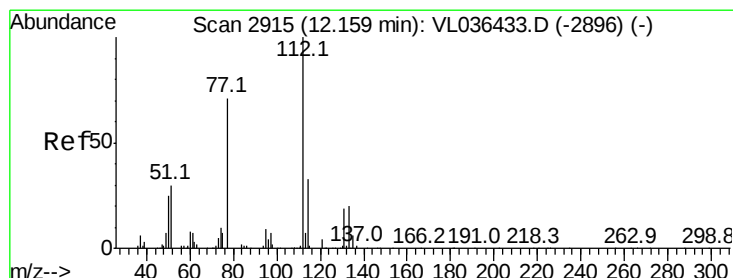
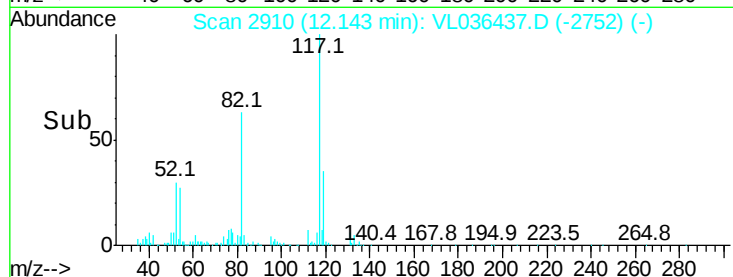
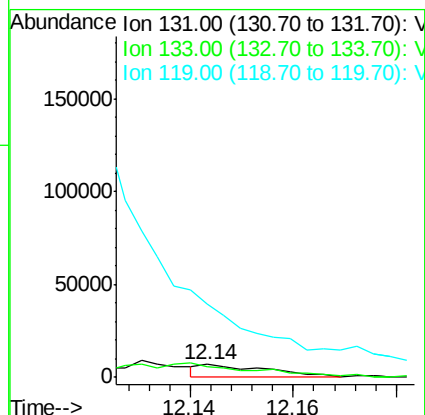
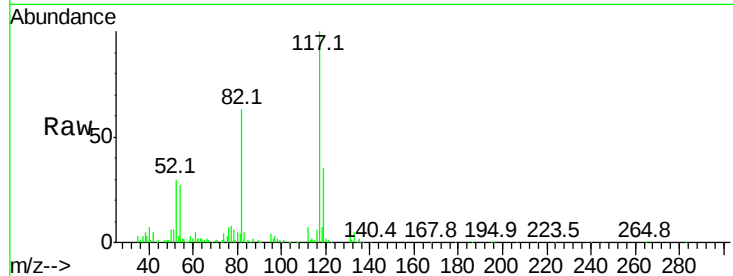
Tgt Ion:117 Resp: 3517198
 Ion Ratio Lower Upper
 117 100
 82 72.7 56.5 84.7
 119 34.1 27.0 40.4





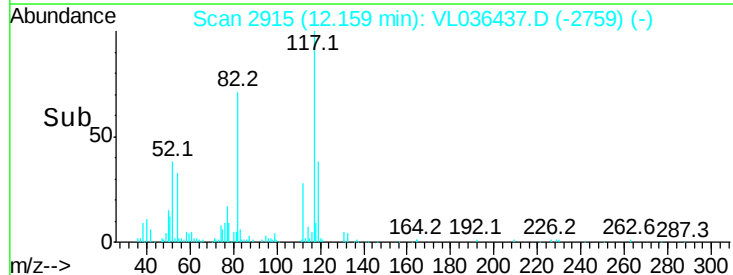
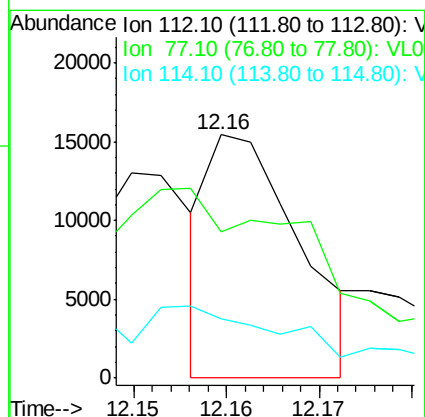
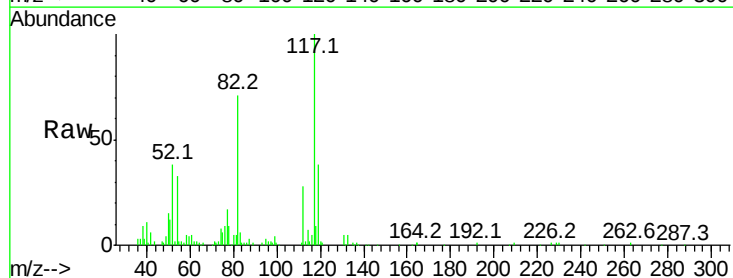
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.039 ppbv
 RT: 12.14 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 12:05

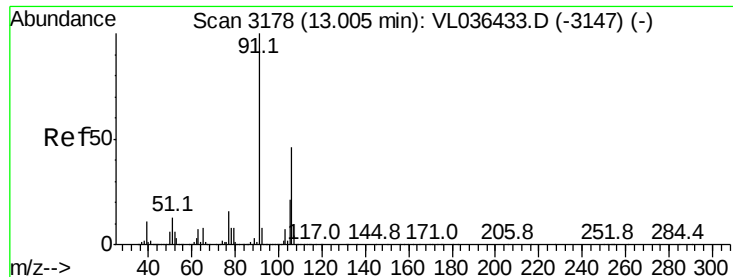
Tgt Ion:131 Resp: 6341
 Ion Ratio Lower Upper
 131 100
 133 251.2 76.4 114.6#
 119 0.0 112.8 169.2#



#57
 Chlorobenzene
 Concen: 0.038 ppbv
 RT: 12.16 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VL036437.D
 Acq: 3 Mar 2021 12:05

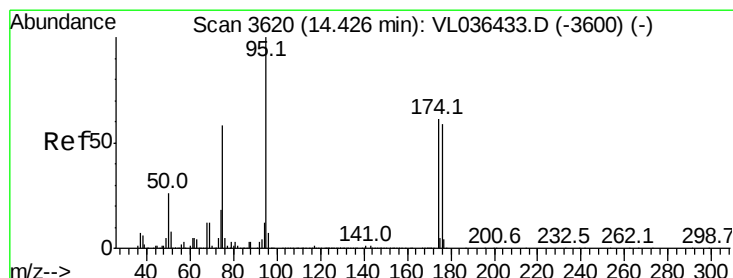
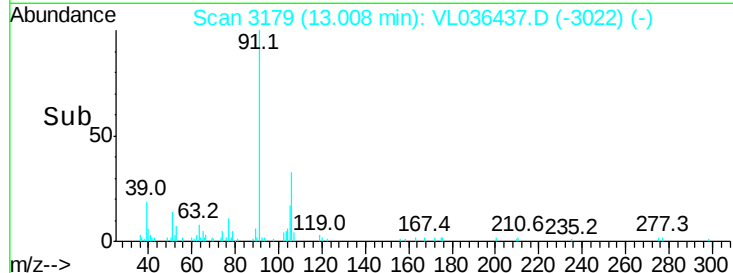
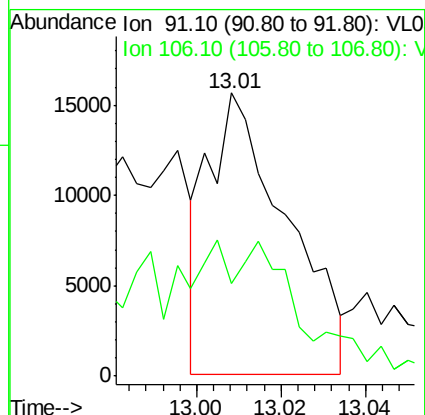
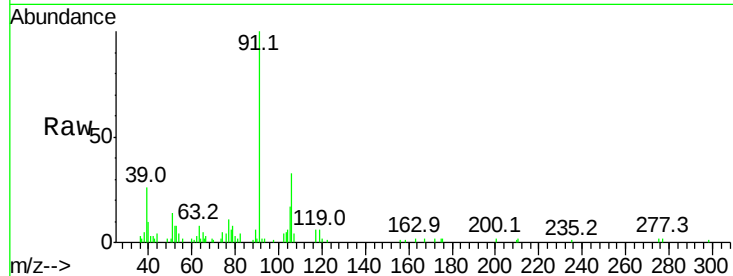
Tgt Ion:112 Resp: 10445
 Ion Ratio Lower Upper
 112 100
 77 39.0 57.6 86.4#
 114 25.2 29.5 36.1#





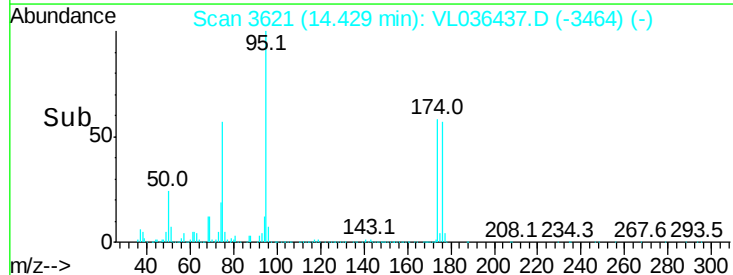
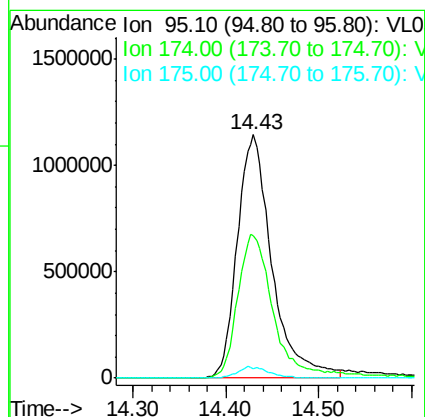
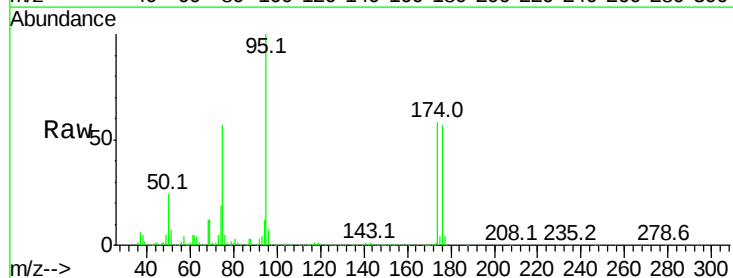
#59
m/p-Xylene
Concen: 0.048 ppbv
RT: 13.01 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 3 Mar 2021 12:05

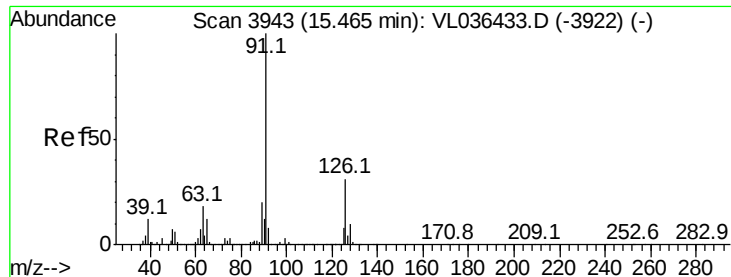
Tgt Ion: 91 Resp: 20157
Ion Ratio Lower Upper
91 100
106 70.5 35.0 52.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.259 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.00 min
Lab File: VL036437.D
Acq: 3 Mar 2021 12:05

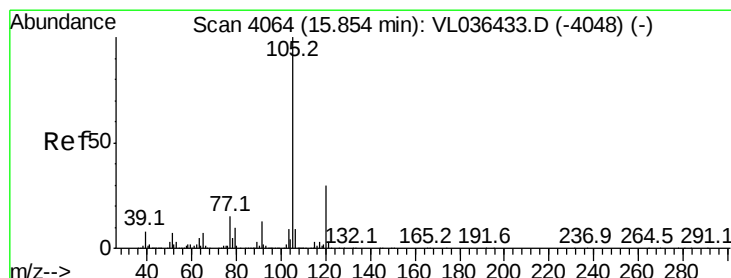
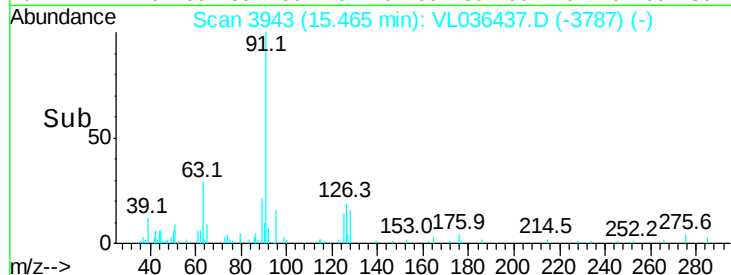
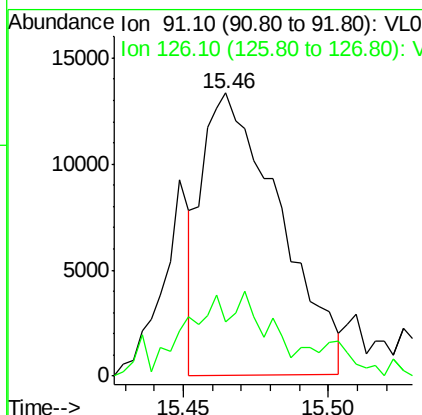
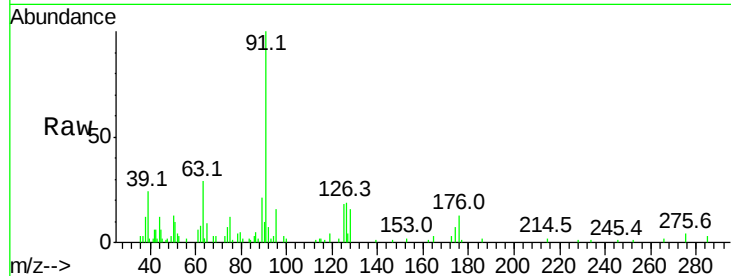
Tgt Ion: 95 Resp: 2968808
Ion Ratio Lower Upper
95 100
174 63.1 51.0 76.4
175 4.6 3.8 5.6





#71
 2-Chlorotoluene
 Concen: 0.053 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VSTDIC0.1
 Acq: 3 Mar 2021 12:05

Tgt Ion: 91 Resp: 24699
 Ion Ratio Lower Upper
 91 100
 126 39.0 12.0 48.0



#72
 4-Ethyltoluene
 Concen: 0.047 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.00 min
 Lab File: VL036437.D
 Acq: 3 Mar 2021 12:05

Tgt Ion: 105 Resp: 21356
 Ion Ratio Lower Upper
 105 100
 120 42.0 23.8 35.6#
 91 13.0 10.9 16.3
 77 24.4 11.9 17.9#

