

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036263.D
 Acq On : 22 Jan 2021 11:55
 Operator : SY/AP
 Sample : VL0122ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

Quant Time: Jan 23 04:34:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1606604	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	3596847	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	4260456	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2872723	8.15	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	1954731	9.077 ppbv	98
3) Chlorodifluoromethane	3.00	51	2076109	10.522 ppbv	99
4) Chloromethane	3.15	50	984885	10.099 ppbv	99
5) Vinyl Chloride	3.27	62	974556	10.561 ppbv	96
6) Bromomethane	3.49	94	549726	10.655 ppbv	96
7) Chloroethane	3.57	64	345928	10.885 ppbv	97
8) Dichlorotetrafluoroethane	3.20	85	2164598	10.375 ppbv	99
9) Propene	3.02	41	877012	9.334 ppbv	99
10) Heptane	8.15	43	2322821	9.959 ppbv	99
11) Trichlorofluoromethane	3.97	101	2300034	10.505 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1448819	10.915 ppbv	98
13) Ethanol	3.62	45	83914	5.688 ppbv	62
14) Bromoethene	3.75	108	628049	10.391 ppbv	98
15) Acetone	3.87	43	1880972	9.560 ppbv	97
16) 1,3-Butadiene	3.34	39	946399	9.873 ppbv	94
17) tert-Butyl alcohol	4.31	59	1548389	9.536 ppbv	99
18) 1,1-Dichloroethene	4.31	96	618798	10.055 ppbv	98
19) Isopropyl Alcohol	3.99	45	1082376	9.125 ppbv	99
20) Methylene Chloride	4.36	84	580666	9.246 ppbv	91
21) Allyl Chloride	4.43	41	1112748	10.390 ppbv	93
22) trans-1,2-Dichloroethene	4.91	96	626688	11.022 ppbv	94
23) Vinyl Acetate	5.10	43	2621951	10.997 ppbv #	96
24) 1,1-Dichloroethane	5.03	63	1831586	10.605 ppbv	98
25) Ethyl Acetate	5.70	43	3938739	9.970 ppbv	100
26) Hexane	5.71	57	1593853	9.691 ppbv	99
27) Carbon Disulfide	4.57	76	1637337	12.450 ppbv	98
28) Methyl tert-Butyl Ether	5.05	73	2288169	10.287 ppbv	96
29) Chloroform	5.78	83	2562103	10.880 ppbv	94
30) Cyclohexane	7.15	84	1344146	10.695 ppbv	99
31) cis-1,2-Dichloroethene	5.57	61	1669459	10.620 ppbv	95
32) 1,1,1-Trichloroethane	6.53	97	2500655	10.979 ppbv	100
34) 2-Butanone	5.27	43	2537680	9.580 ppbv	99
35) Carbon Tetrachloride	7.04	117	2531508	11.139 ppbv	99
36) Benzene	6.92	78	3307362	10.035 ppbv	98
37) 1,2-Dichloroethane	6.33	62	2116750	10.673 ppbv	99
38) Trichloroethene	7.86	130	1110900	9.101 ppbv	95
39) 1,2-Dichloropropane	7.64	63	1352718	10.109 ppbv	98
40) 1,4-Dioxane	7.86	88	237004	4.896 ppbv #	81
41) Tetrahydrofuran	6.07	42	1436159	9.382 ppbv	99
42) Bromodichloromethane	7.82	83	2772058	11.121 ppbv	96
43) Methyl Methacrylate	8.04	69	1489566	10.635 ppbv	97

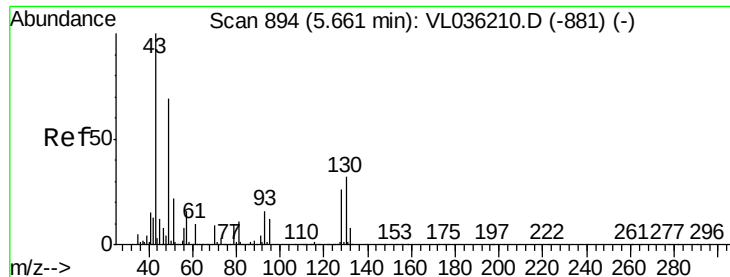
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036263.D
 Acq On : 22 Jan 2021 11:55
 Operator : SY/AP
 Sample : VL0122ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

Quant Time: Jan 23 04:34:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	5681679	9.386	ppbv	99
45) t-1,3-Dichloropropene	9.31	75	1632473	12.271	ppbv	97
46) cis-1,3-Dichloropropene	8.73	75	1960721	11.470	ppbv	99
47) 1,1,2-Trichloroethane	9.51	97	1308011	10.218	ppbv	95
48) Dibromochloromethane	10.33	129	2112175	11.278	ppbv	100
49) Bromoform	13.07	173	1747364	11.177	ppbv	99
50) 4-Methyl-2-Pentanone	8.77	43	3946253	9.992	ppbv	100
51) 2-Hexanone	10.16	43	3223444	10.346	ppbv	99
52) Tetrachloroethene	11.25	164	1054776	8.685	ppbv	97
53) Toluene	9.83	91	3706539	10.054	ppbv	100
54) 1,2-Dibromoethane	10.64	107	1958051	10.319	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.15	131	1588025	8.352	ppbv #	91
57) Chlorobenzene	12.18	112	2576227	7.707	ppbv	98
58) Ethyl Benzene	12.74	91	4996573	7.903	ppbv	98
59) m/p-Xylene	13.03	91	5083869	9.358	ppbv #	57
60) o-Xylene	13.72	91	3945818	7.535	ppbv	99
61) Styrene	13.56	104	2758293	8.342	ppbv	98
62) Isopropylbenzene	14.70	105	5857377	7.523	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.71	83	2839001	7.281	ppbv	100
64) n-propylbenzene	15.59	120	1522561	7.959	ppbv	99
65) tert-Butylbenzene	16.78	119	4959086	7.517	ppbv	100
66) Benzyl Chloride	17.02	91	1881125	11.161	ppbv	99
67) sec-Butylbenzene	17.32	105	7184037	7.336	ppbv	99
69) p-Isopropyltoluene	17.69	119	5885816	7.578	ppbv	99
70) n-Butylbenzene	18.58	91	6320721	7.638	ppbv	99
71) 2-Chlorotoluene	15.48	91	4688878	7.662	ppbv	99
72) 4-Ethyltoluene	15.87	105	4567362	7.729	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	4310202	7.652	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	4399055	7.613	ppbv	98
75) 1,3-Dichlorobenzene	17.03	146	2368784	7.644	ppbv	99
76) 1,4-Dichlorobenzene	17.17	146	2325721	7.596	ppbv	99
77) 1,2-Dichlorobenzene	17.85	146	2356008	7.784	ppbv	99
78) Hexachloro-1,3-Butadiene	23.41	225	1697495	7.012	ppbv	100
79) Naphthalene	22.24	128	3257065	9.643	ppbv	99
80) Naphthalene, 2-methyl-	25.00	142	960323	13.325	ppbv	97
81) 1,2,4-Trichlorobenzene	21.97	180	1648483	8.360	ppbv	100

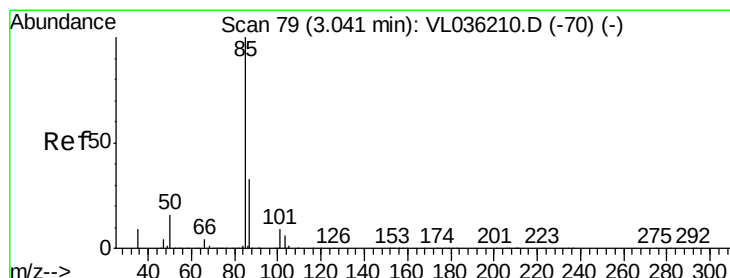
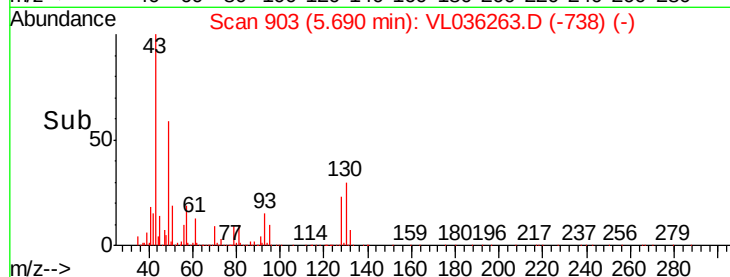
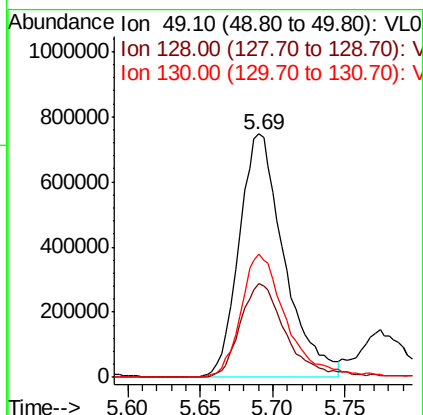
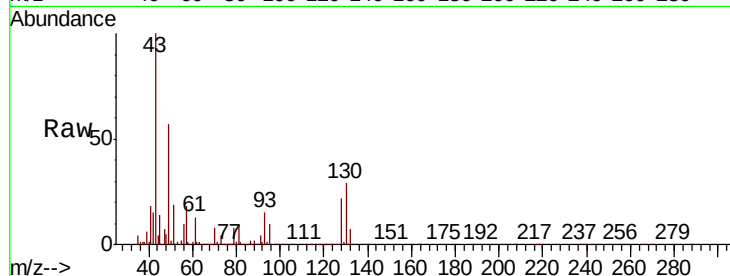
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 903
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

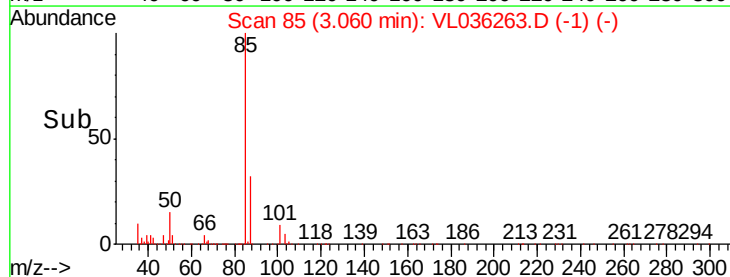
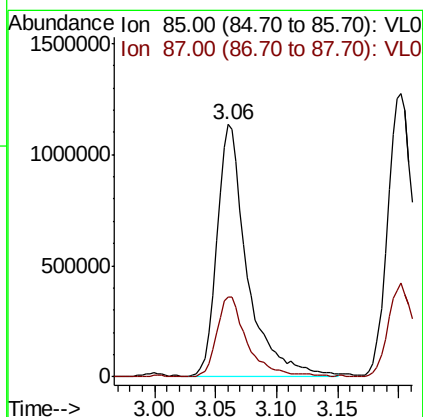
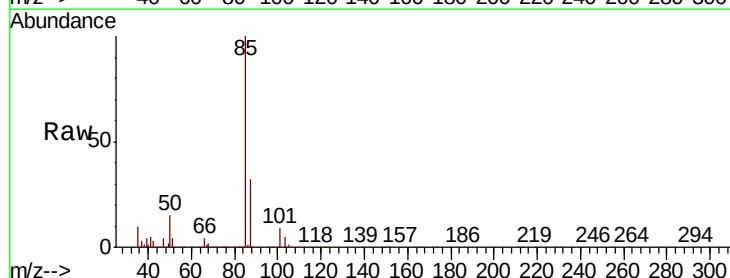
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

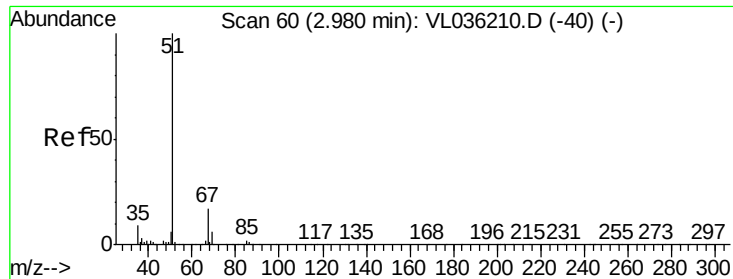
Tot Ion: 49 Resp: 1606604
 Ion Ratio Lower Upper
 49 100
 128 40.5 20.1 60.2
 130 52.4 25.3 75.9



#2
 Dichlorodifluoromethane
 Concen: 9.077 ppbv
 RT: 3.06 min Scan# 85
 Delta R.T. 0.02 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 85 Resp: 1954731
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.4 39.6

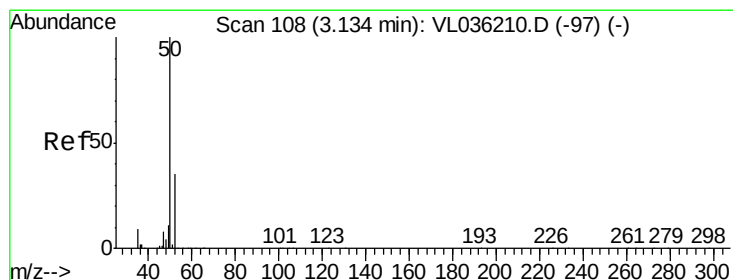
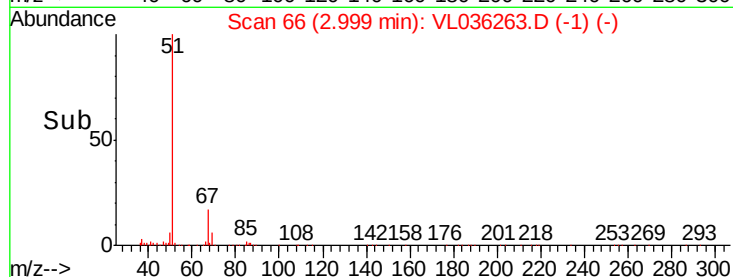
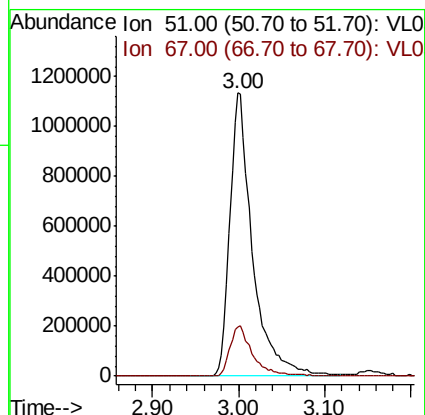
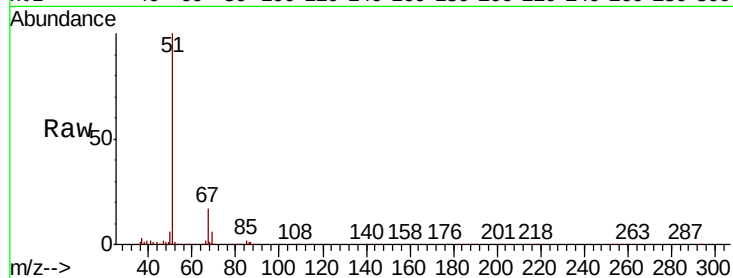




#3
Chlorodifluoromethane
Concen: 10.522 ppbv
RT: 3.00 min Scan# 66
Delta R.T. 0.02 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

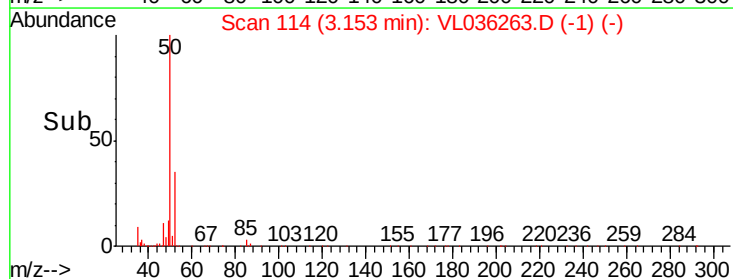
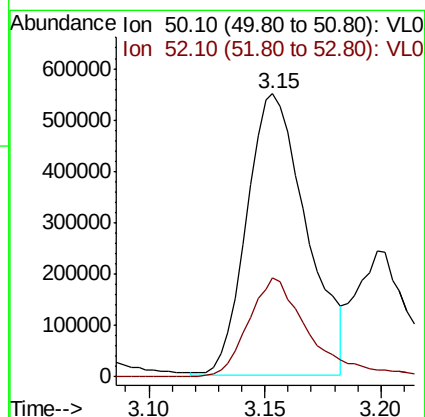
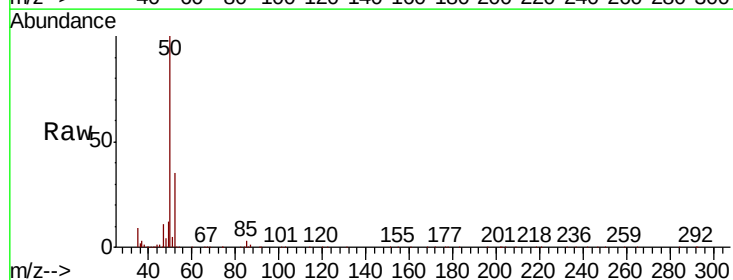
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

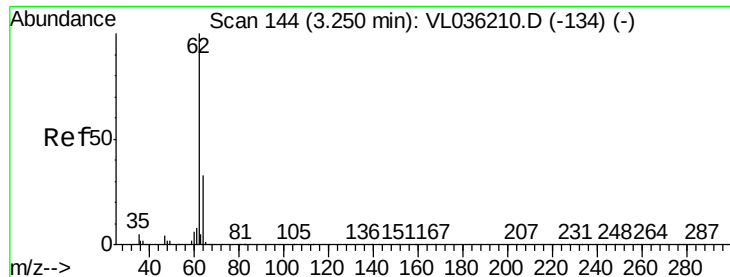
Tot Ion: 51 Resp: 2076109
Ion Ratio Lower Upper
51 100
67 17.9 14.0 21.0



#4
Chloromethane
Concen: 10.099 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.02 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 50 Resp: 984885
Ion Ratio Lower Upper
50 100
52 35.4 27.8 41.8





#5

Vinyl Chloride

Concen: 10.561 ppbv

RT: 3.27 min Scan# 150

Delta R.T. 0.02 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

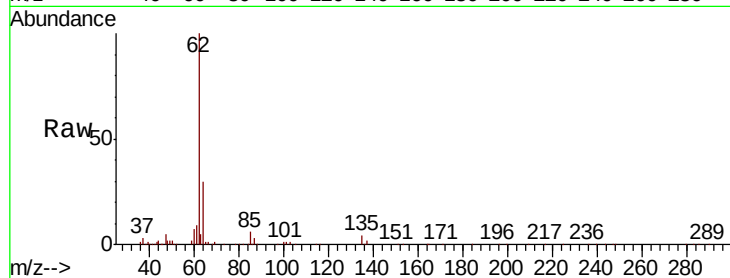
VL0122ABS01

Tot Ion: 62 Resp: 974556

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.27

600000

500000

400000

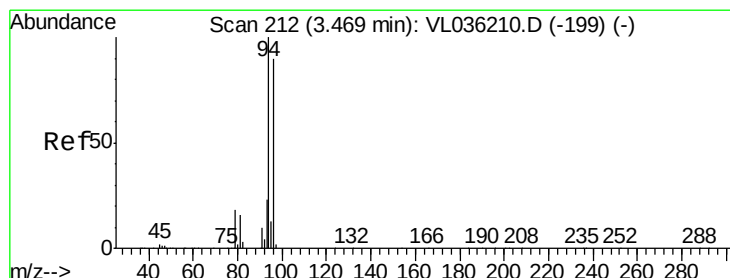
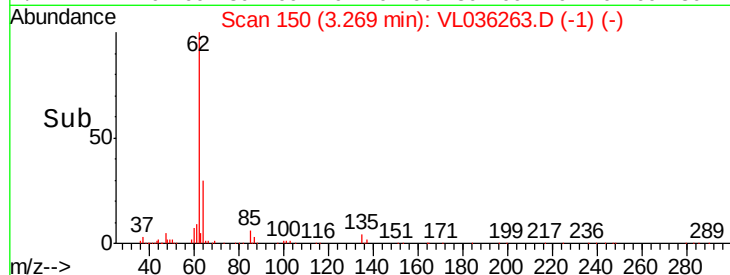
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 10.655 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.02 min

Lab File: VL036263.D

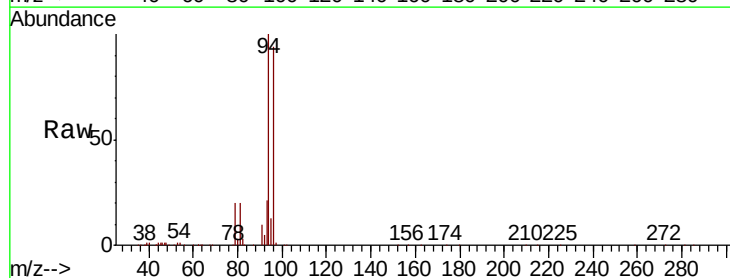
Acq: 22 Jan 2021 11:55

Tgt Ion: 94 Resp: 549726

Ion Ratio Lower Upper

94 100

96 93.8 71.9 107.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.49

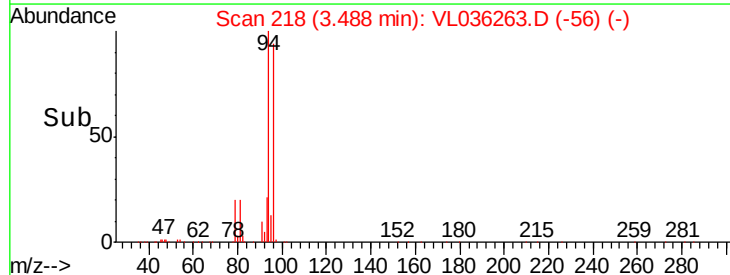
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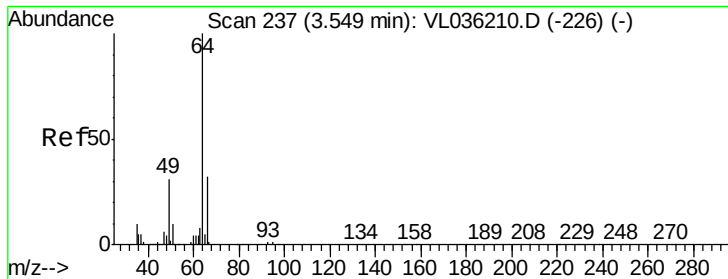
200000

100000

0

Time-->





#7

Chloroethane

Concen: 10.885 ppbv

RT: 3.57 min Scan# 245

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

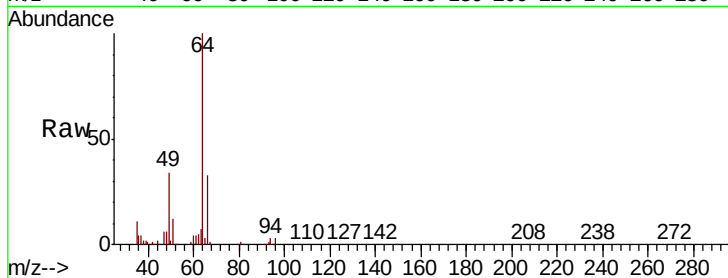
VL0122ABS01

Tot Ion: 64 Resp: 345928

Ion Ratio Lower Upper

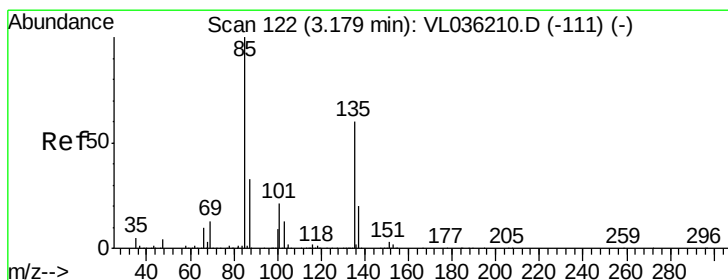
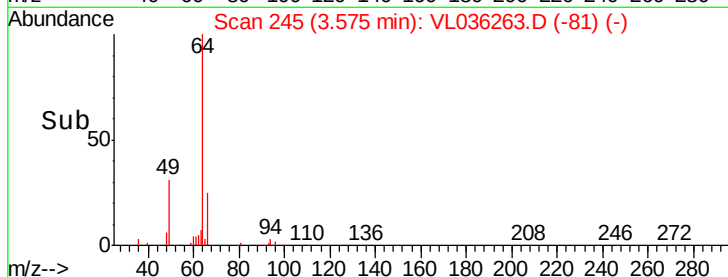
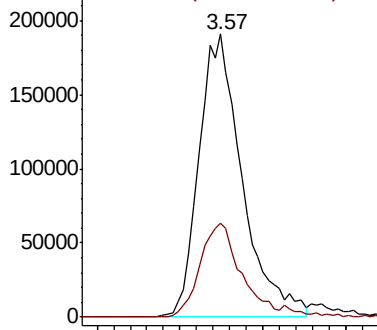
64 100

66 33.3 25.2 37.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 10.375 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.02 min

Lab File: VL036263.D

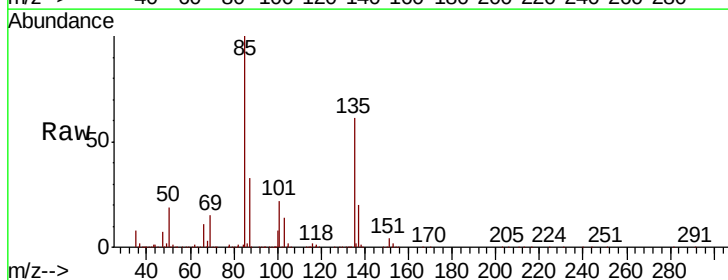
Acq: 22 Jan 2021 11:55

Tgt Ion: 85 Resp: 2164598

Ion Ratio Lower Upper

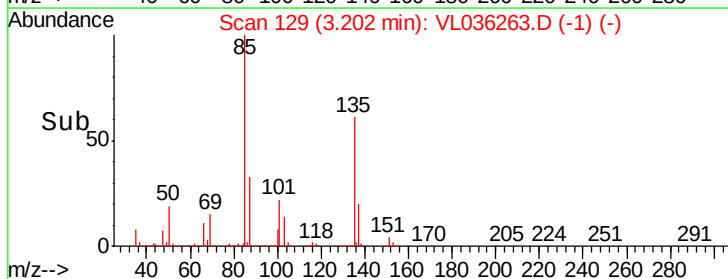
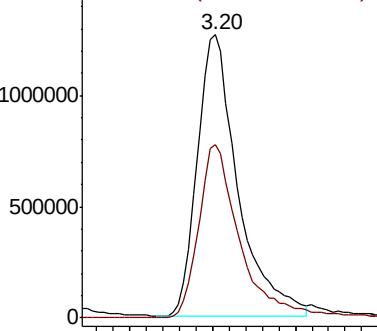
85 100

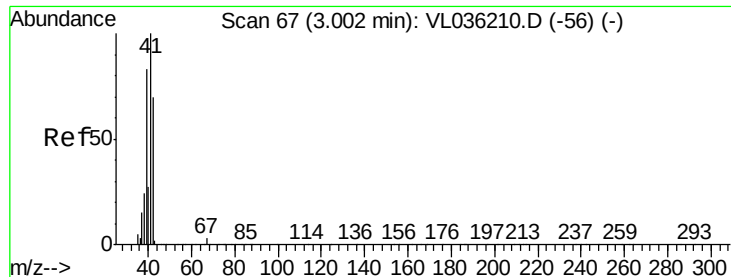
135 63.5 51.5 77.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 9.334 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

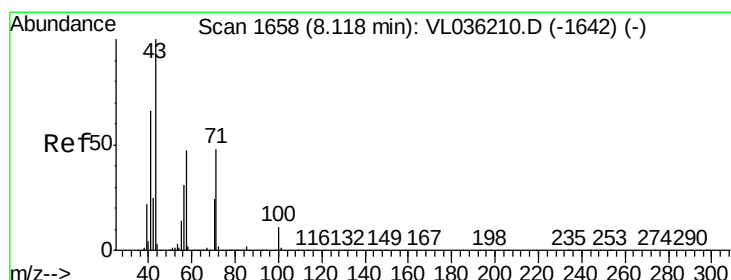
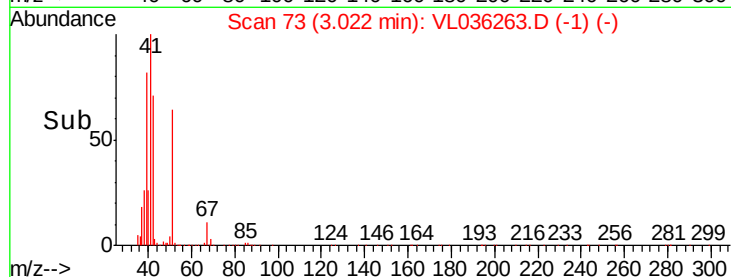
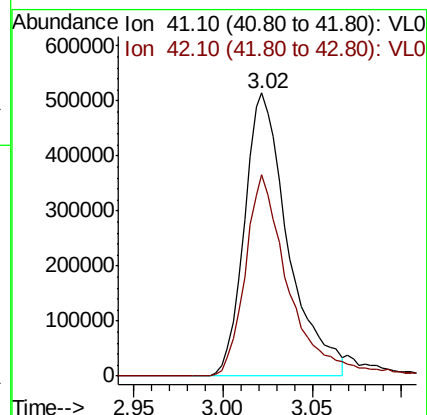
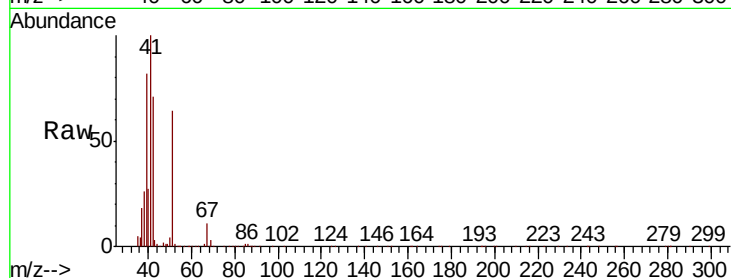
VL0122ABS01

Tot Ion: 41 Resp: 877012

Ion Ratio Lower Upper

41 100

42 72.2 57.1 85.7



#10

Heptane

Concen: 9.959 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. 0.03 min

Lab File: VL036263.D

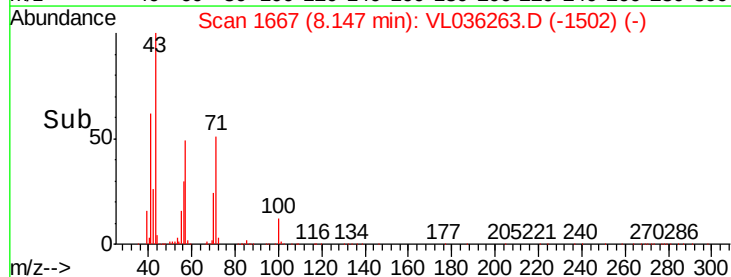
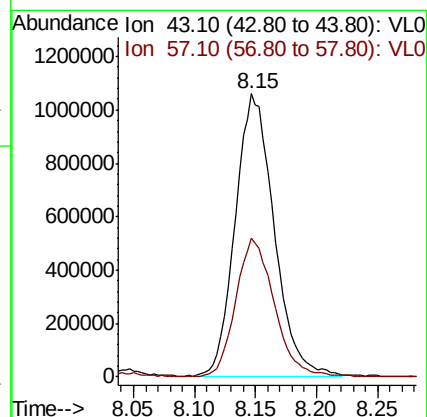
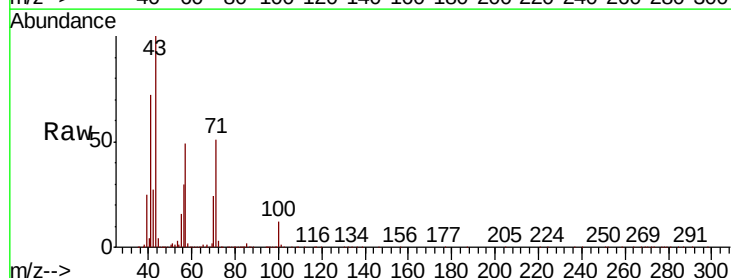
Acq: 22 Jan 2021 11:55

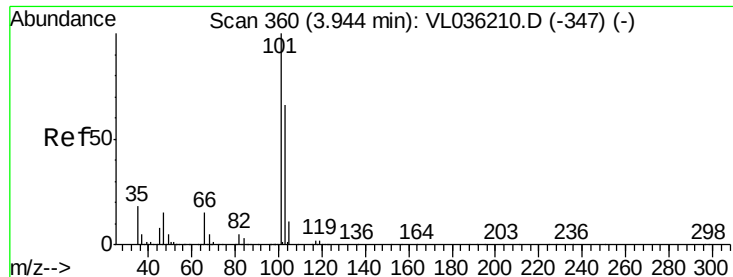
Tgt Ion: 43 Resp: 2322821

Ion Ratio Lower Upper

43 100

57 48.5 38.1 57.1





#11

Trichlorofluoromethane

Concen: 10.505 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

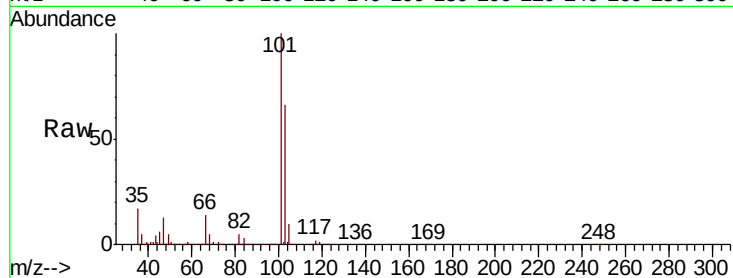
VL0122ABS01

Tot Ion:101 Resp: 2300034

Ion Ratio Lower Upper

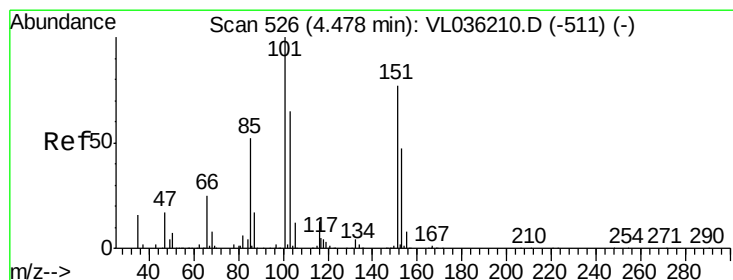
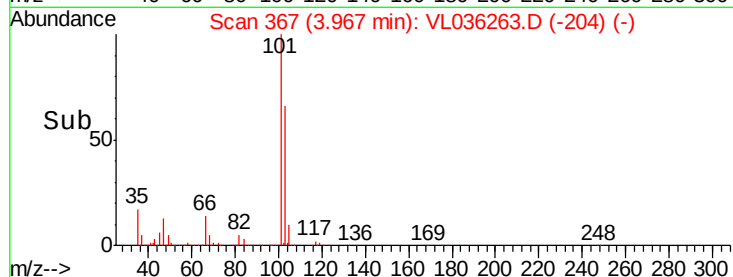
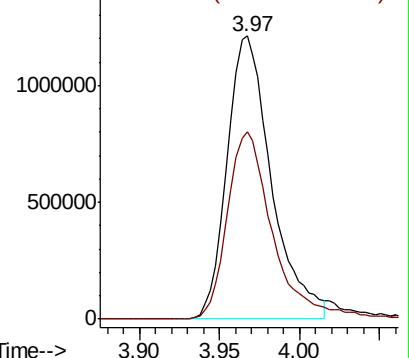
101 100

103 66.2 52.6 78.8



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: 10.915 ppbv

RT: 4.51 min Scan# 535

Delta R.T. 0.03 min

Lab File: VL036263.D

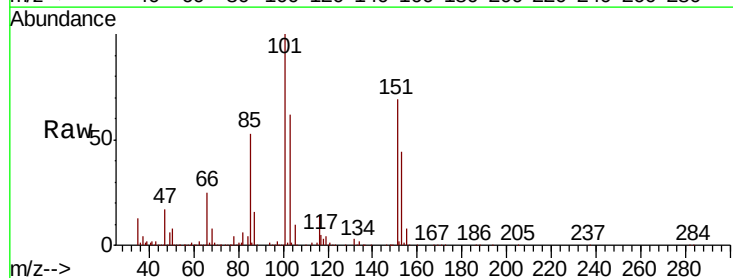
Acq: 22 Jan 2021 11:55

Tgt Ion:101 Resp: 1448819

Ion Ratio Lower Upper

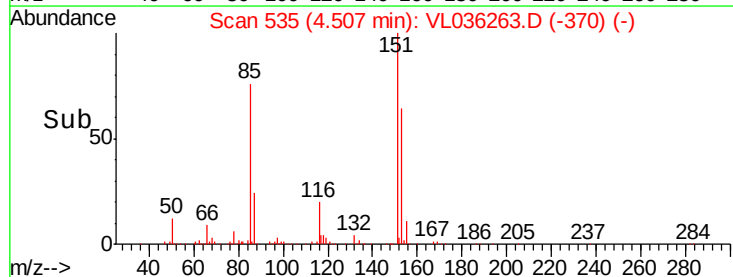
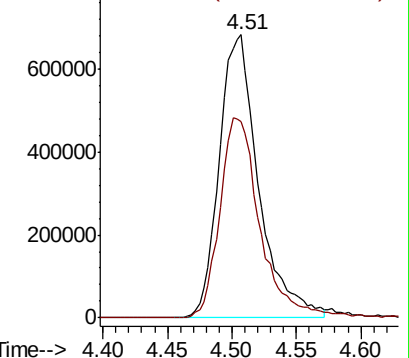
101 100

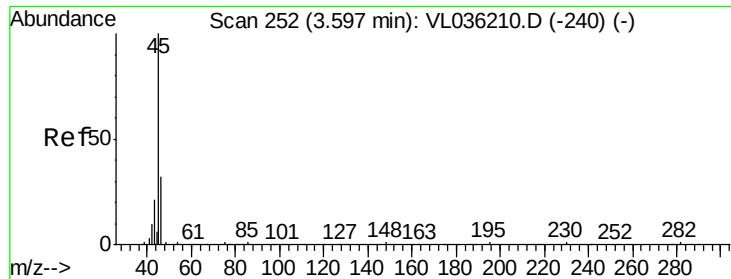
151 72.6 59.8 89.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

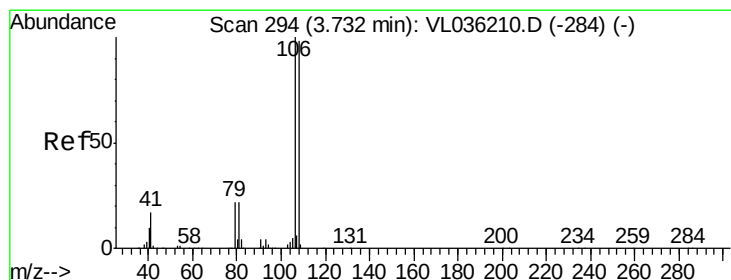
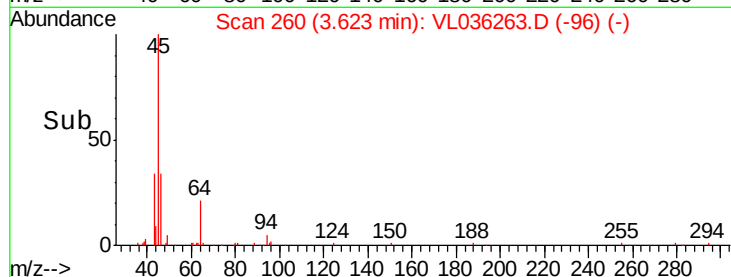
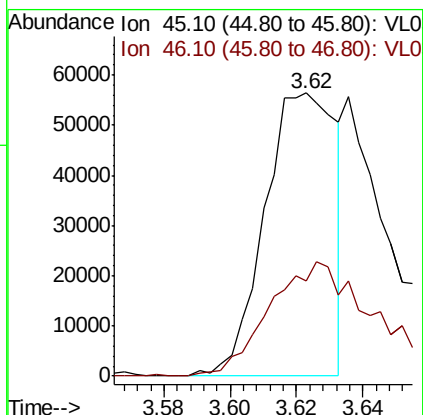
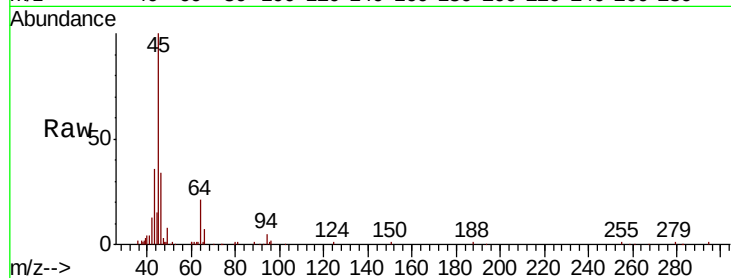




#13
Ethanol
Concen: 5.688 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

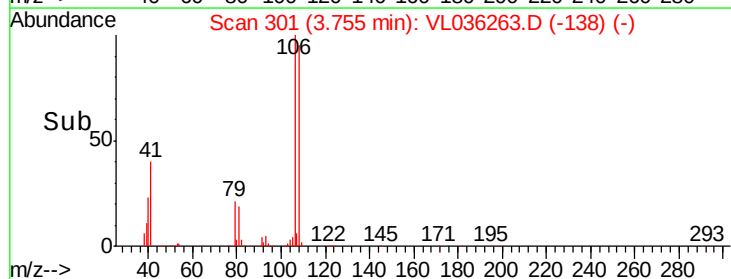
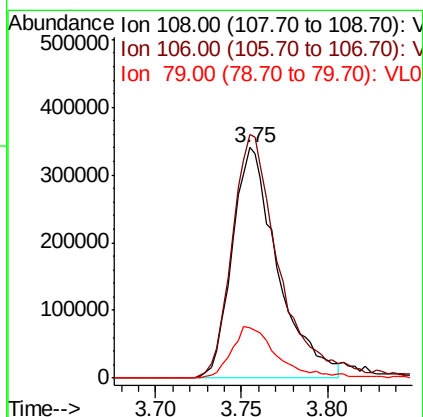
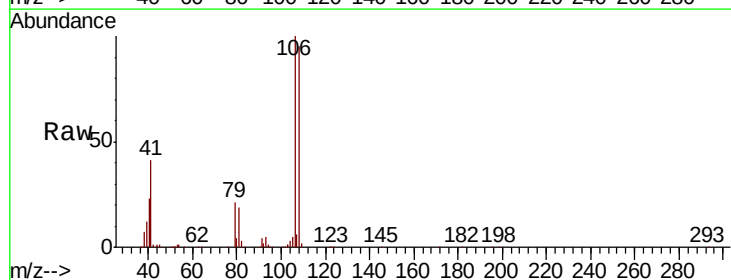
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

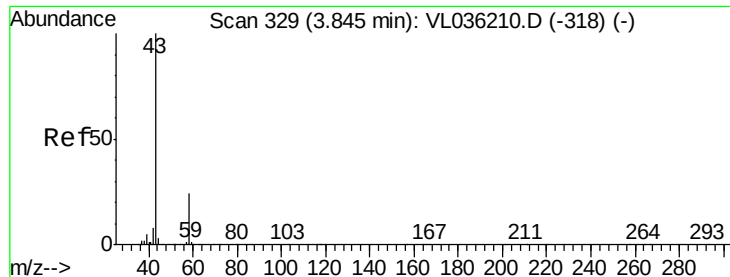
Tot Ion: 45 Resp: 83914
Ion Ratio Lower Upper
45 100
46 74.1 19.2 77.0



#14
Bromoethene
Concen: 10.391 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.02 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 108 Resp: 628049
Ion Ratio Lower Upper
108 100
106 112.0 91.4 137.2
79 23.1 18.3 27.5





#15

Acetone

Concen: 9.560 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

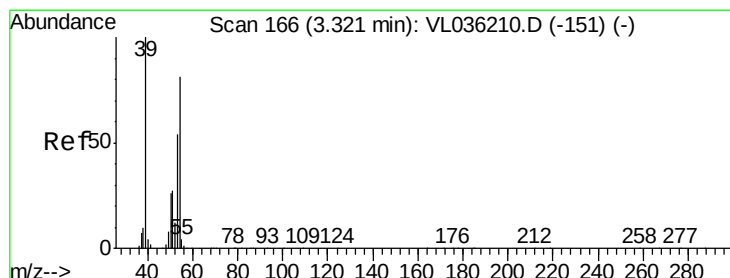
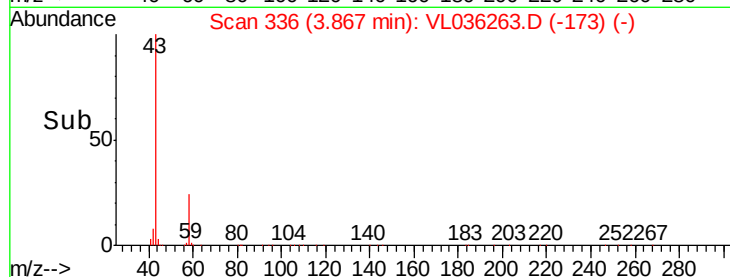
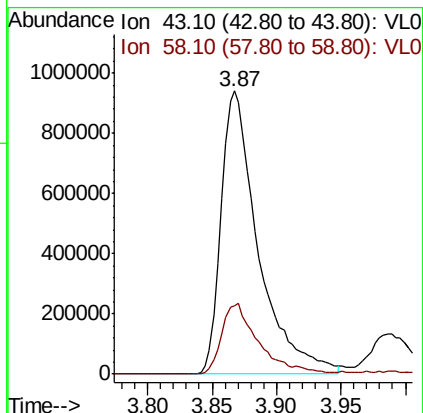
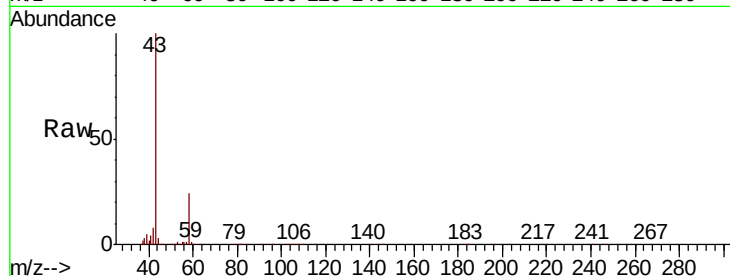
VL0122ABS01

Tot Ion: 43 Resp: 1880972

Ion Ratio Lower Upper

43 100

58 24.8 20.9 31.3



#16

1,3-Butadiene

Concen: 9.873 ppbv

RT: 3.34 min Scan# 173

Delta R.T. 0.02 min

Lab File: VL036263.D

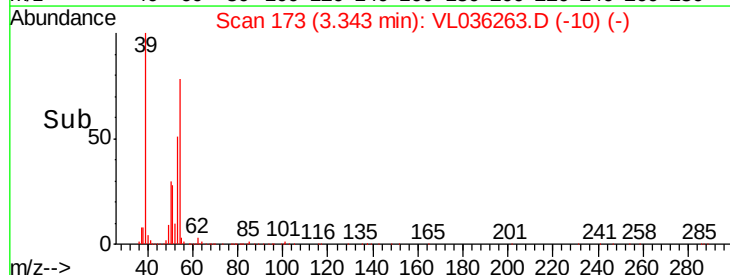
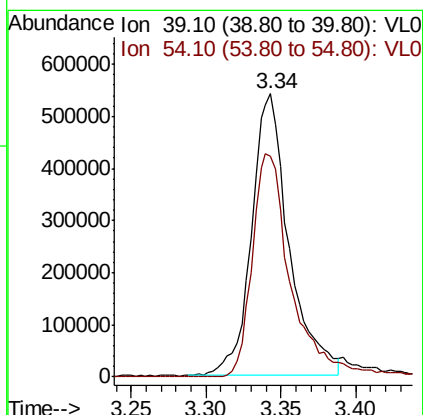
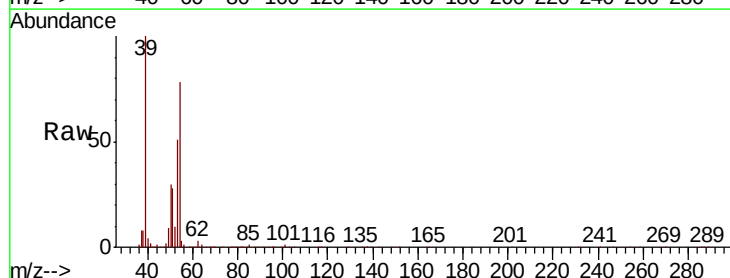
Acq: 22 Jan 2021 11:55

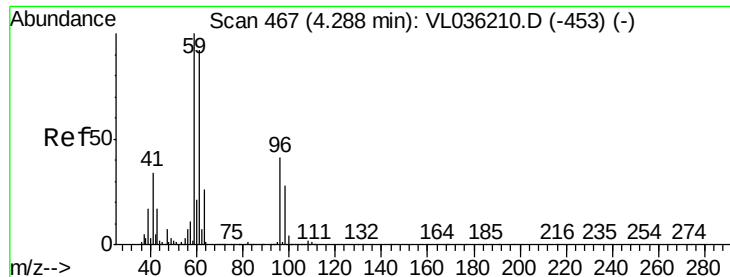
Tgt Ion: 39 Resp: 946399

Ion Ratio Lower Upper

39 100

54 83.0 62.5 93.7





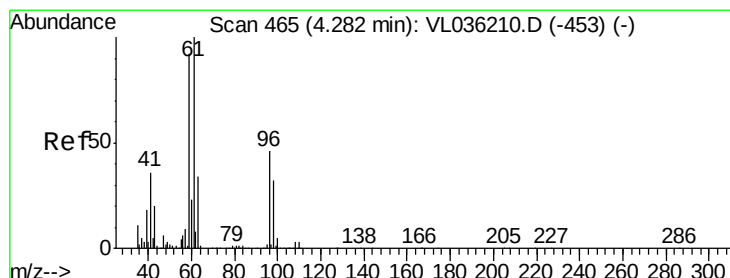
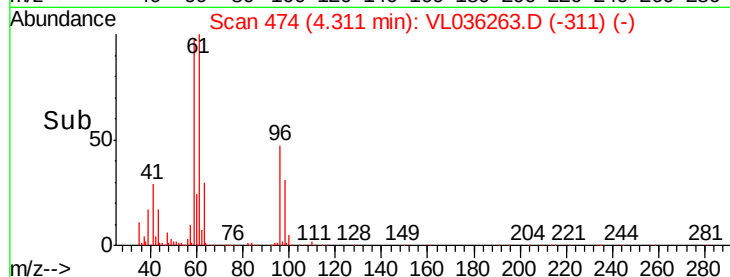
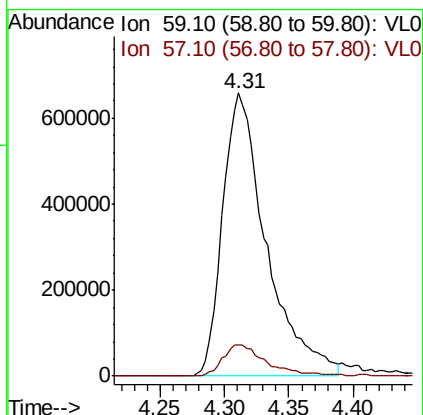
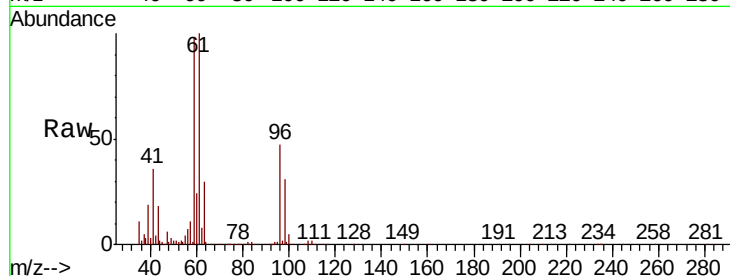
#17

tert-Butyl alcohol
Concen: 9.536 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

Tot Ion: 59 Resp: 1548389

Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.2	13.8

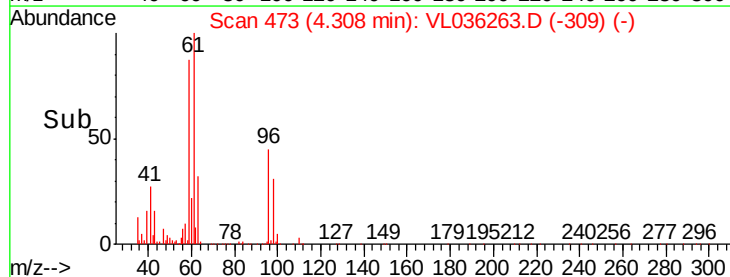
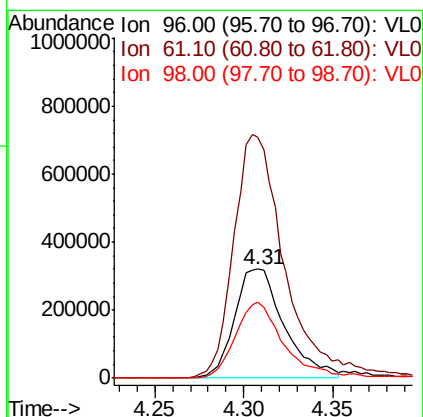
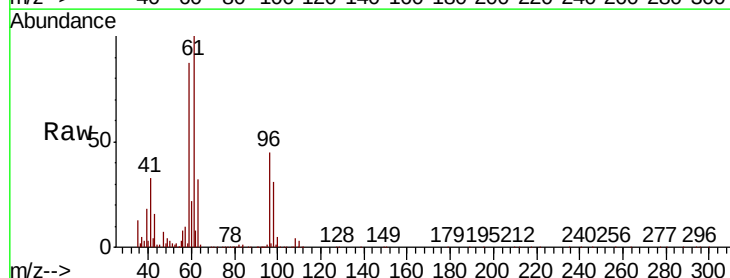


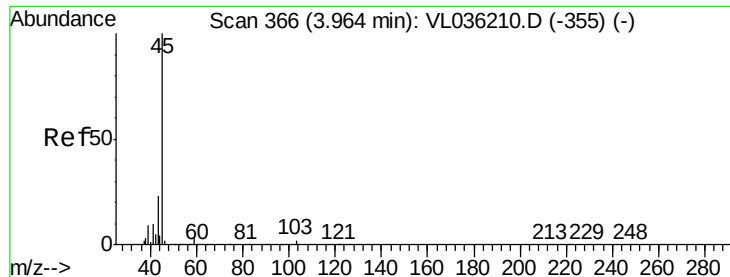
#18

1,1-Dichloroethene
Concen: 10.055 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 96 Resp: 618798

Ion	Ratio	Lower	Upper
96	100		
61	221.4	173.4	260.0
98	69.3	54.9	82.3



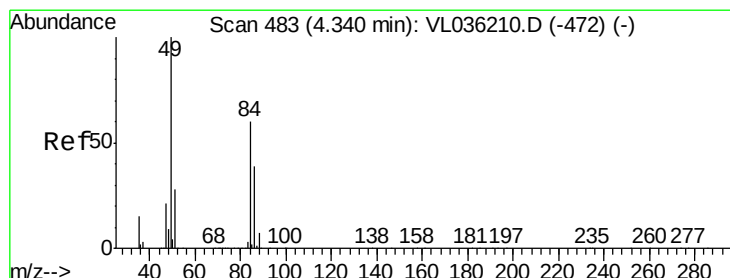
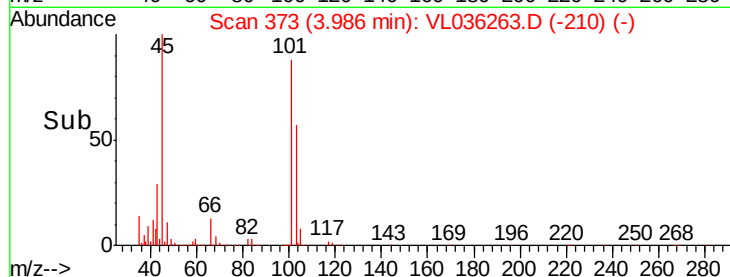
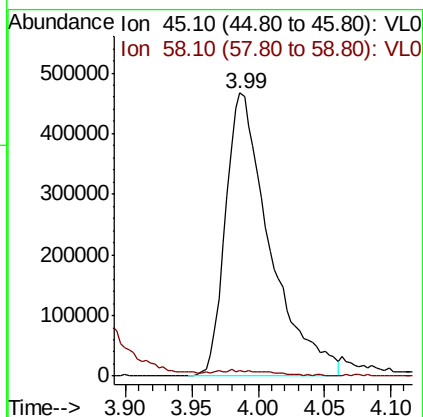
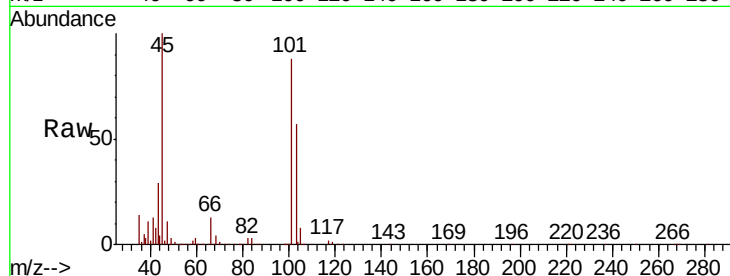


#19

Isopropyl Alcohol
 Concen: 9.125 ppbv
 RT: 3.99 min Scan# 373
 Delta R.T. 0.02 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

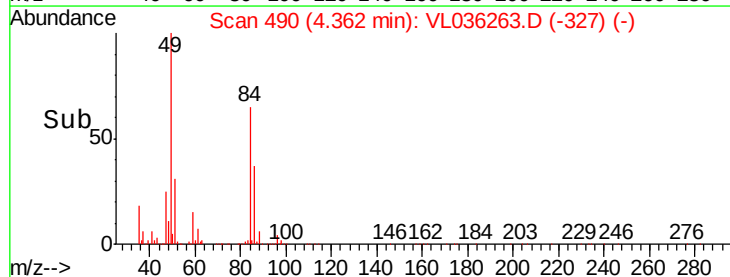
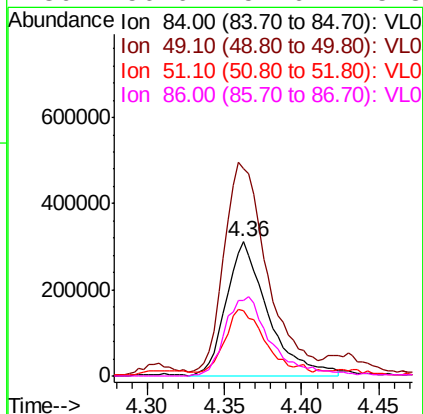
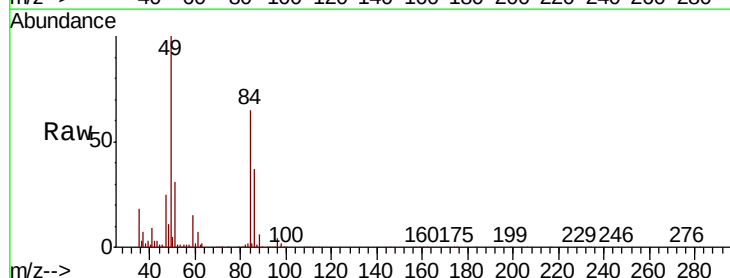
Tot Ion: 45 Resp: 1082376
 Ion Ratio Lower Upper
 45 100
 58 2.8 1.9 2.9

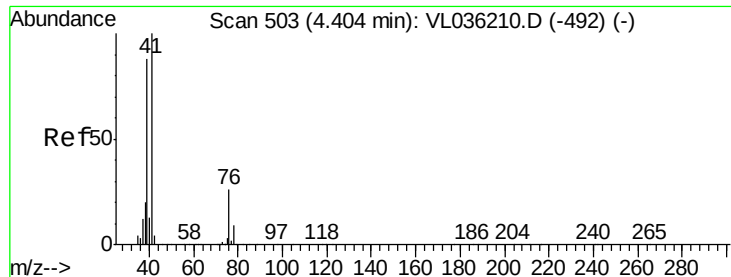


#20

Methylene Chloride
 Concen: 9.246 ppbv
 RT: 4.36 min Scan# 490
 Delta R.T. 0.02 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 84 Resp: 580666
 Ion Ratio Lower Upper
 84 100
 49 152.5 134.1 201.1
 51 46.3 37.4 56.0
 86 56.6 52.6 78.8





#21

Allvl Chloride

Concen: 10.390 ppbv

RT: 4.43 min Scan# 511

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

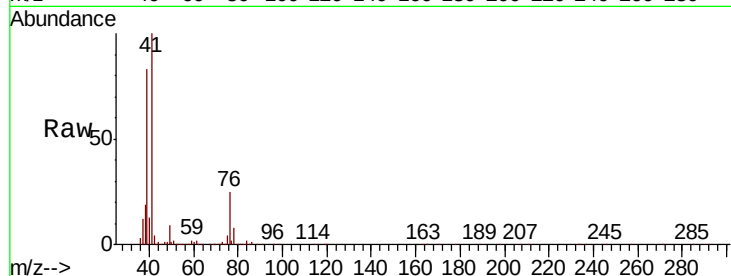
Tot Ion: 41 Resp: 1112748

Ion Ratio Lower Upper

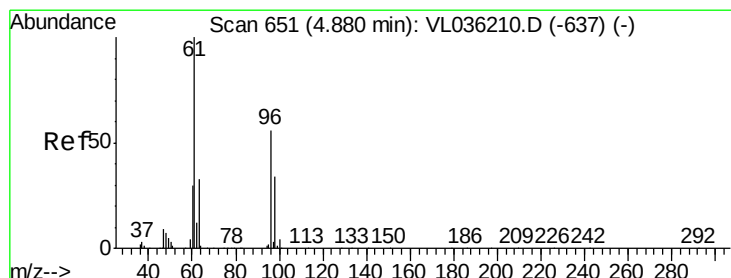
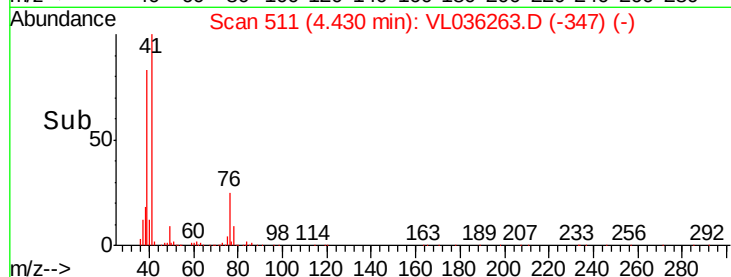
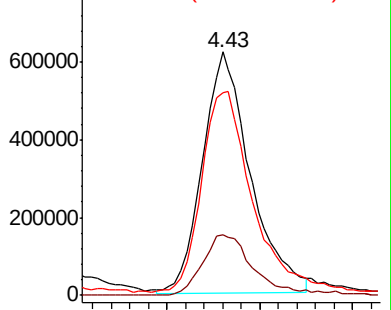
41 100

76 27.2 20.5 30.7

39 92.6 67.8 101.8



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: 11.022 ppbv

RT: 4.91 min Scan# 659

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

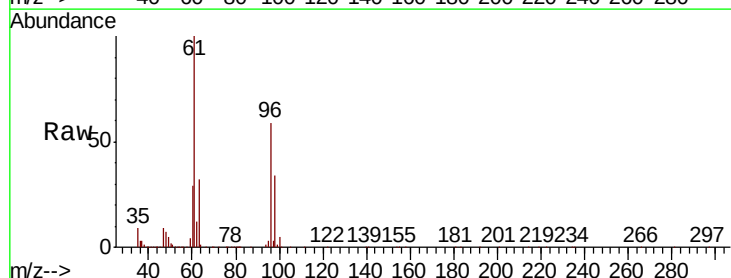
Tgt Ion: 96 Resp: 626688

Ion Ratio Lower Upper

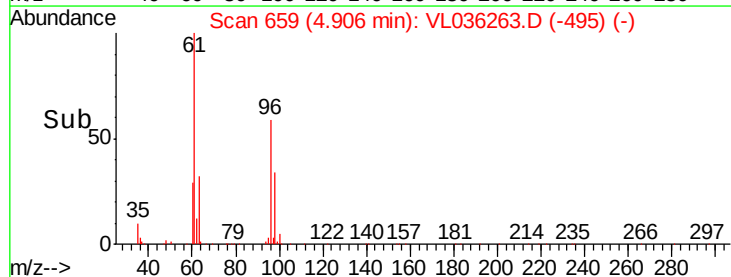
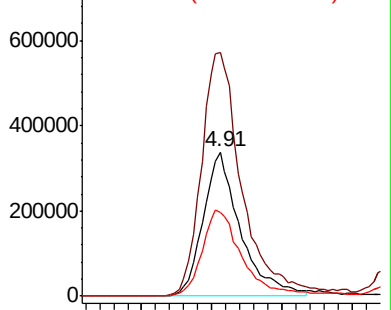
96 100

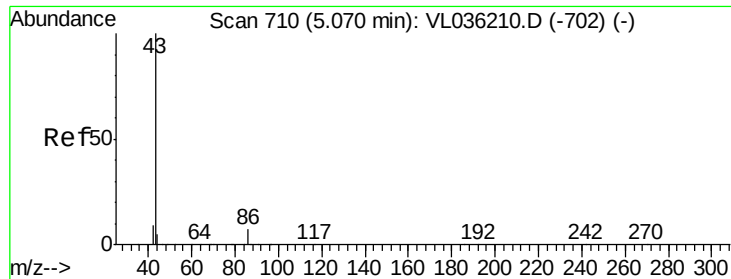
61 169.0 142.7 214.1

98 57.7 48.7 73.1



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: 10.997 ppbv

RT: 5.10 min Scan# 718

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

Tot Ion: 43 Resp: 2621951

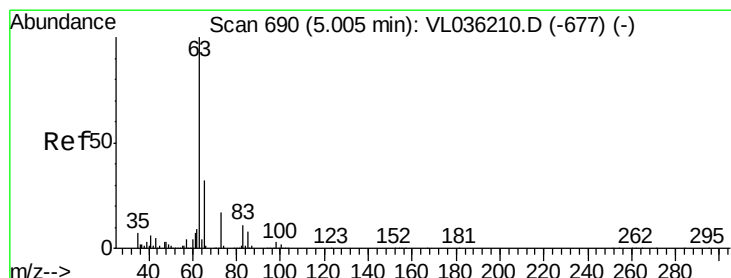
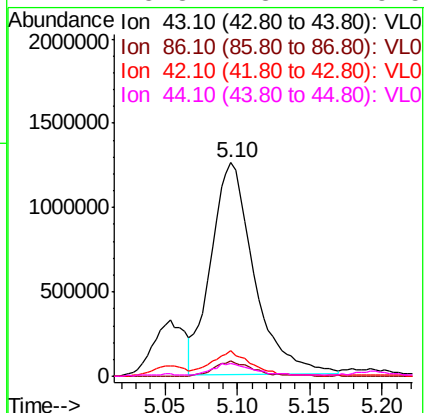
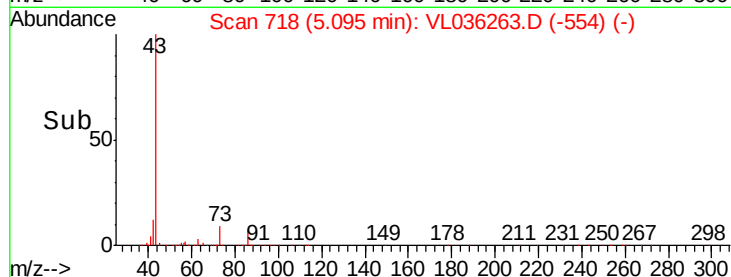
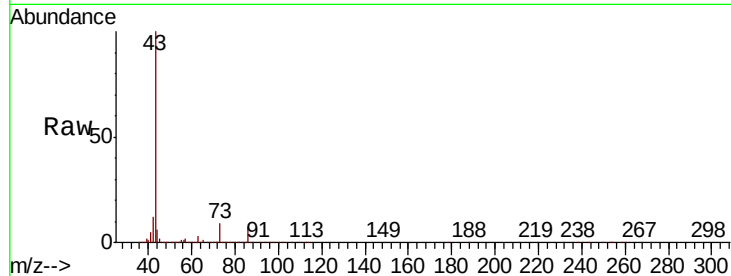
Ion Ratio Lower Upper

43 100

86 7.0 4.9 7.3

42 11.6 7.8 11.6

44 5.8 3.7 5.5#



#24

1,1-Dichloroethane

Concen: 10.605 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

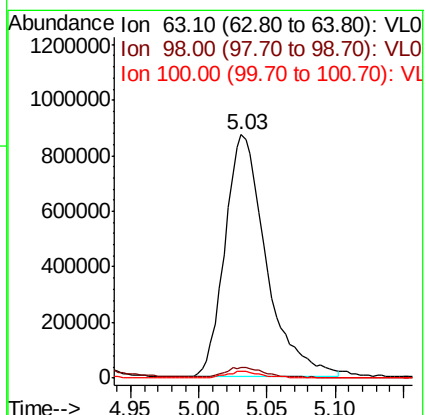
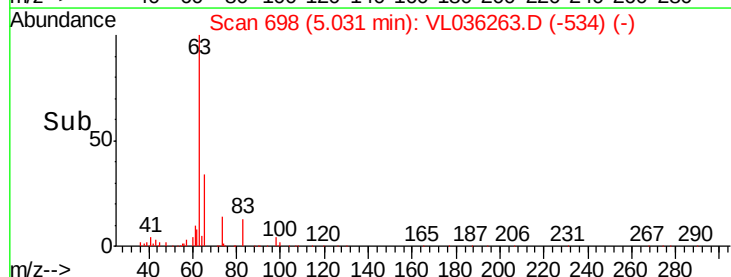
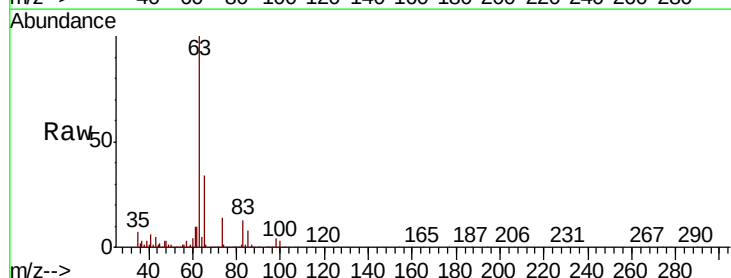
Tgt Ion: 63 Resp: 1831586

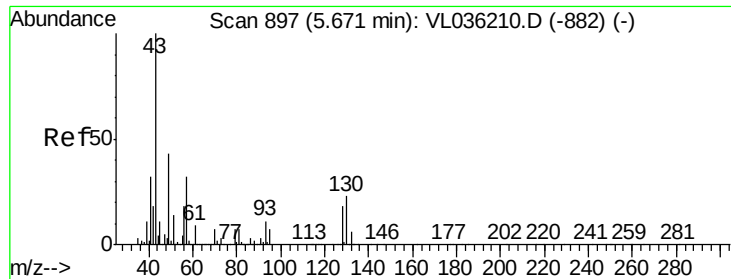
Ion Ratio Lower Upper

63 100

98 4.2 1.7 5.1

100 2.8 1.1 3.1

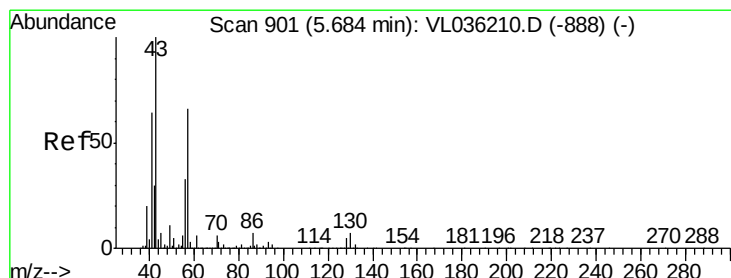
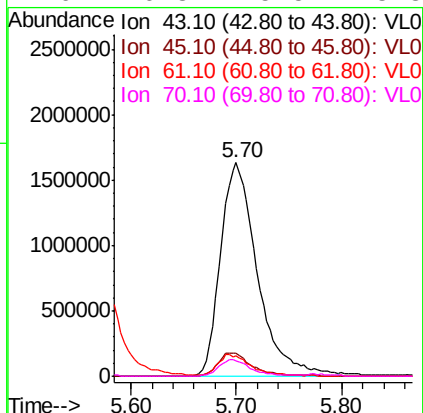
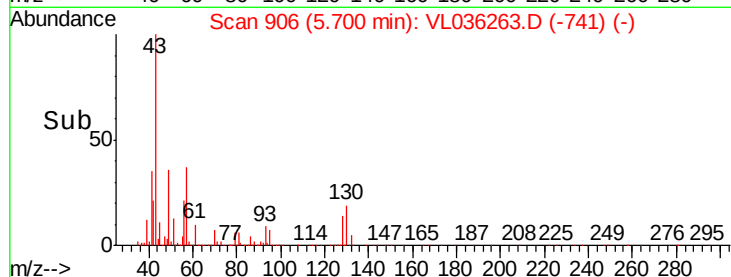
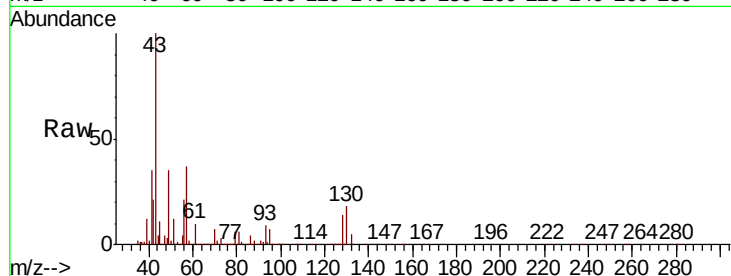




#25
Ethyl Acetate
Concen: 9.970 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

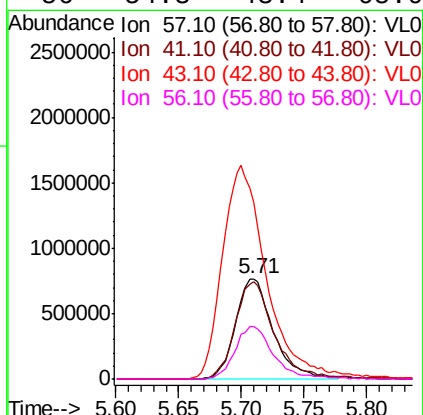
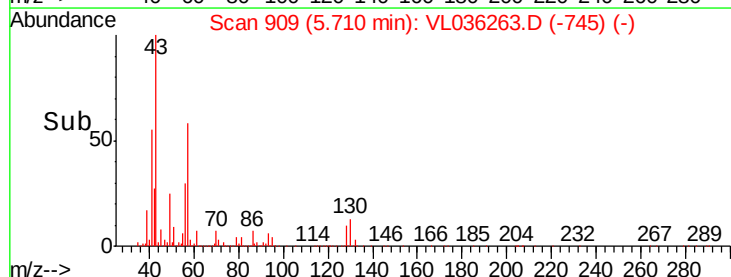
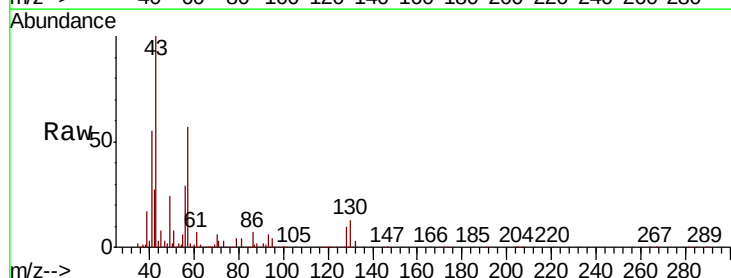
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

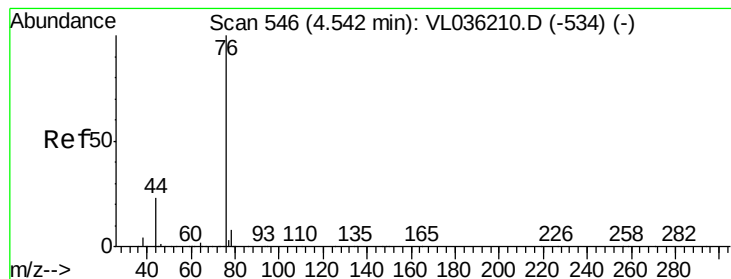
Tot Ion:	43	Resp:	3938739
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.3	12.5
61	9.2	7.4	11.2
70	6.8	5.5	8.3



#26
Hexane
Concen: 9.691 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion:	57	Resp:	1593853
Ion	Ratio	Lower	Upper
57	100		
41	102.7	83.0	124.6
43	250.2	202.4	303.6
56	54.3	43.4	65.0





#27

Carbon Disulfide

Concen: 12.450 ppbv

RT: 4.57 min Scan# 554

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

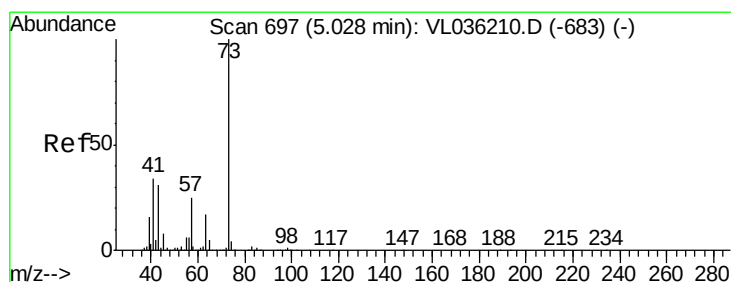
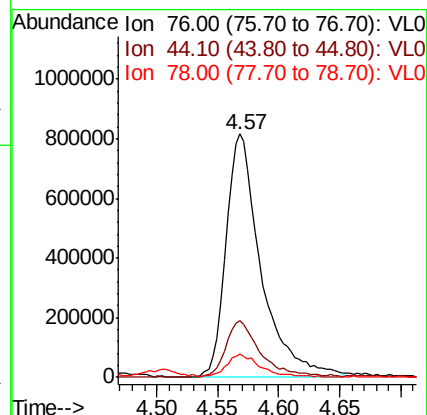
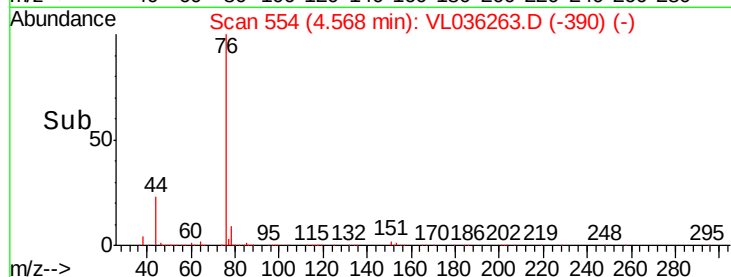
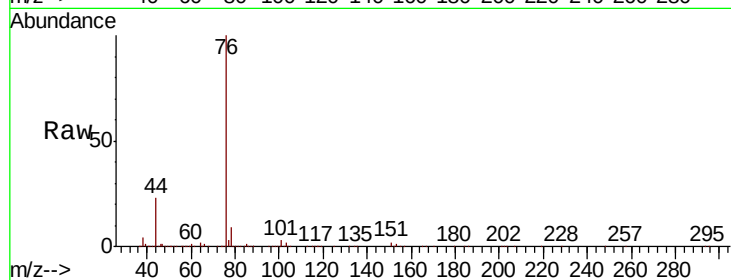
Tot Ion: 76 Resp: 1637337

Ion	Ratio	Lower	Upper
76	100		
44	22.8	19.0	28.6
78	9.4	8.0	12.0

76 100

44 22.8 19.0 28.6

78 9.4 8.0 12.0



#28

Methyl tert-Butyl Ether

Concen: 10.287 ppbv

RT: 5.05 min Scan# 705

Delta R.T. 0.03 min

Lab File: VL036263.D

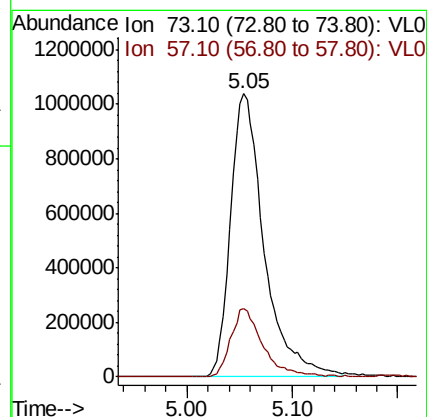
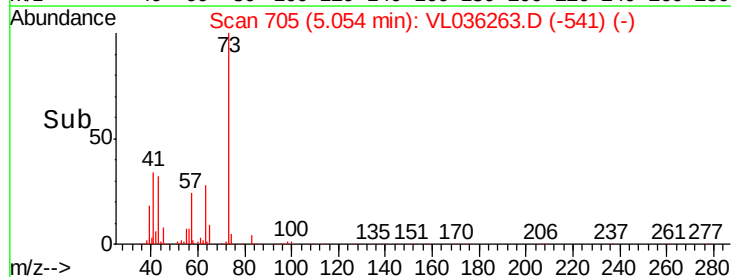
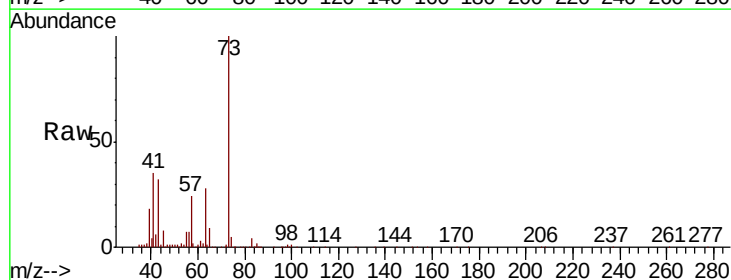
Acq: 22 Jan 2021 11:55

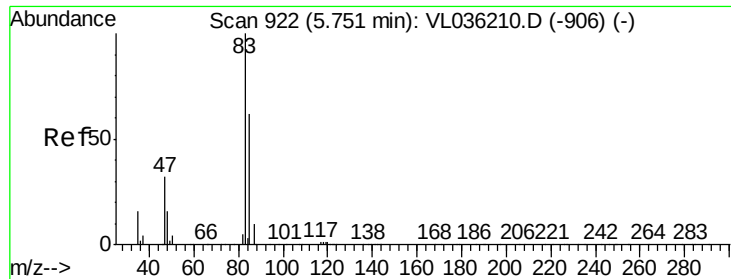
Tgt Ion: 73 Resp: 2288169

Ion	Ratio	Lower	Upper
73	100		
57	23.3	20.4	30.6

73 100

57 23.3 20.4 30.6

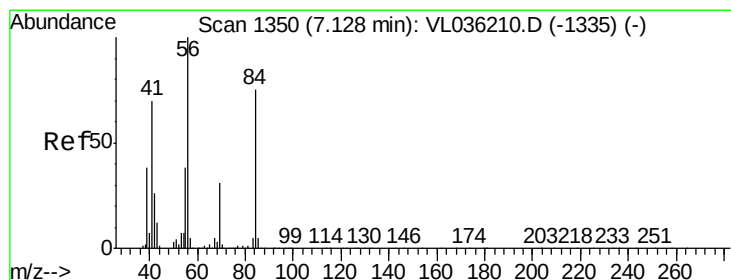
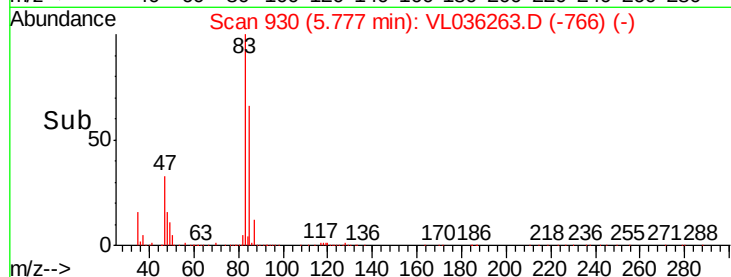
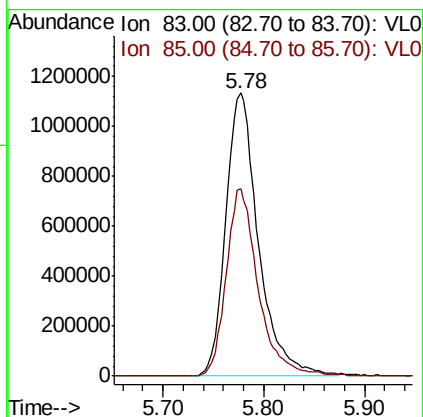
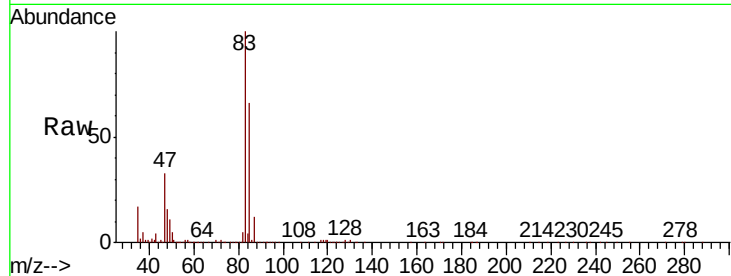




#29
Chloroform
Concen: 10.880 ppbv
RT: 5.78 min Scan# 930
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

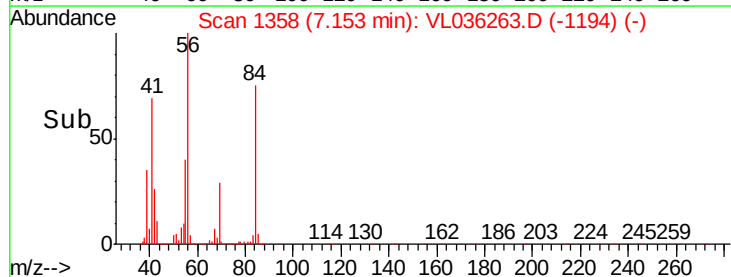
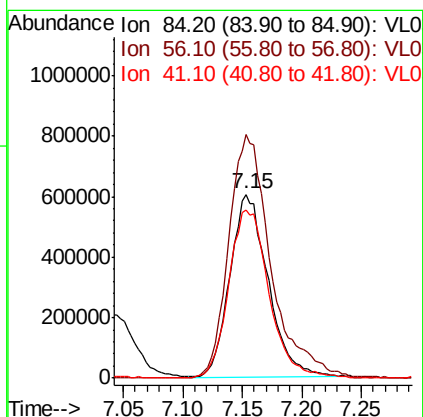
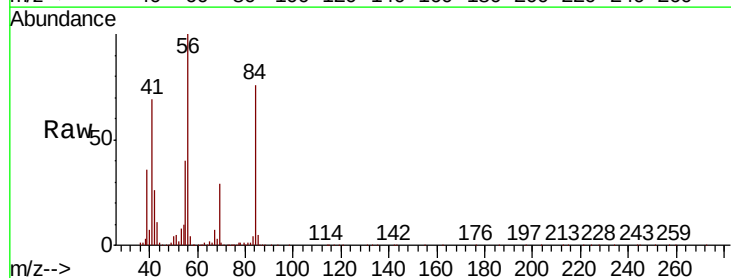
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

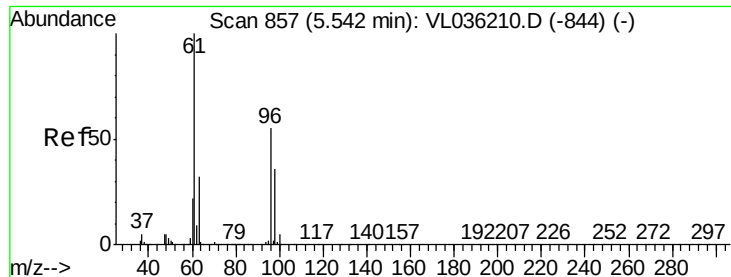
Tot Ion: 83 Resp: 2562103
Ion Ratio Lower Upper
83 100
85 66.0 49.3 73.9



#30
Cyclohexane
Concen: 10.695 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 84 Resp: 1344146
Ion Ratio Lower Upper
84 100
56 148.2 119.4 179.0
41 97.5 79.4 119.0



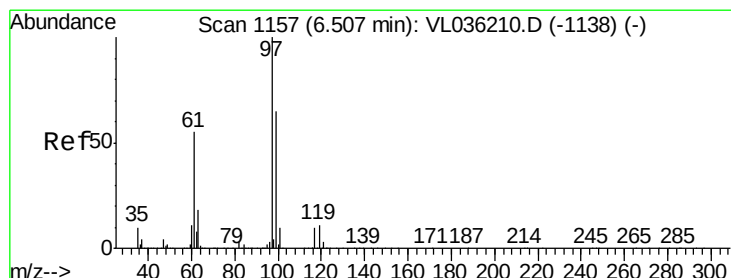
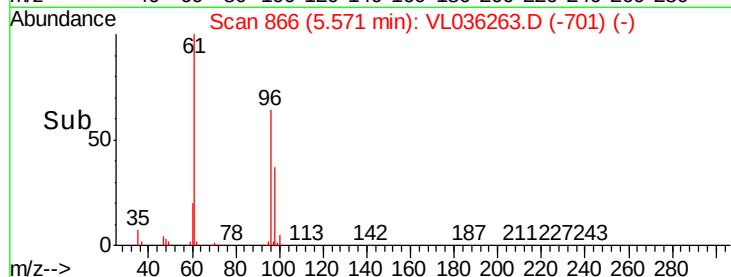
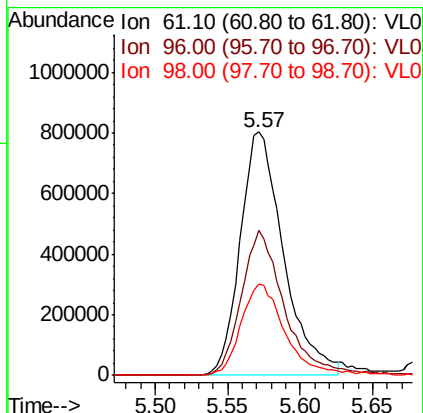
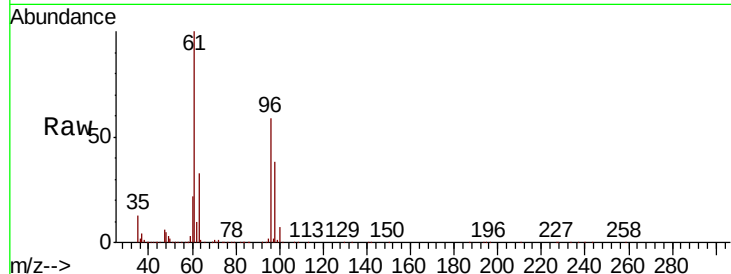


#31

cis-1,2-Dichloroethene
 Concen: 10.620 ppbv
 RT: 5.57 min Scan# 866
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

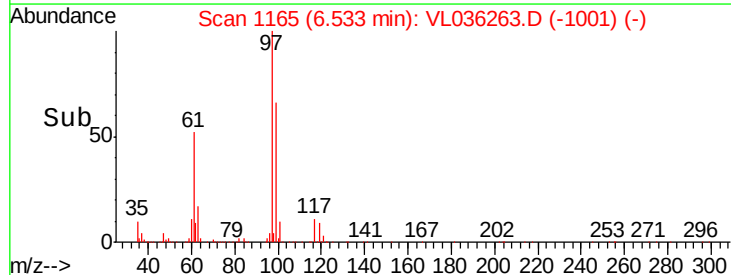
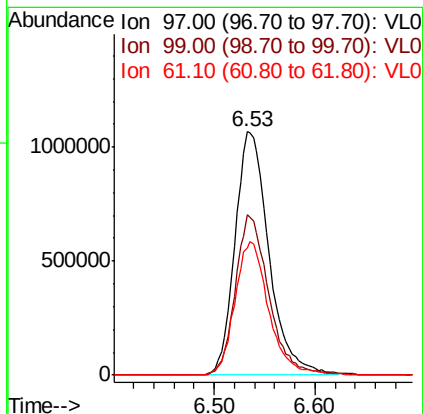
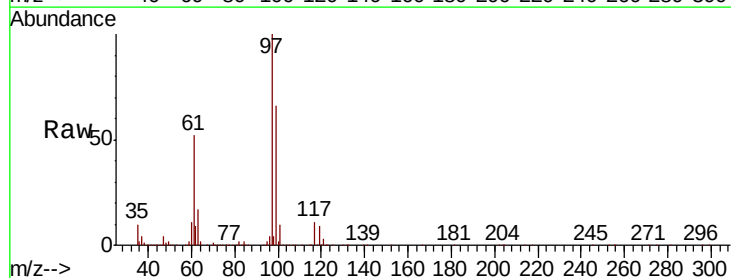
Tot Ion: 61 Resp: 1669459
 Ion Ratio Lower Upper
 61 100
 96 59.4 44.1 66.1
 98 37.7 28.6 42.8

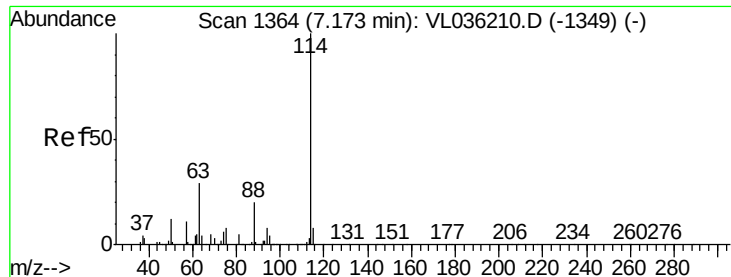


#32

1,1,1-Trichloroethane
 Concen: 10.979 ppbv
 RT: 6.53 min Scan# 1165
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 97 Resp: 2500655
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.0 78.0
 61 55.1 43.6 65.4

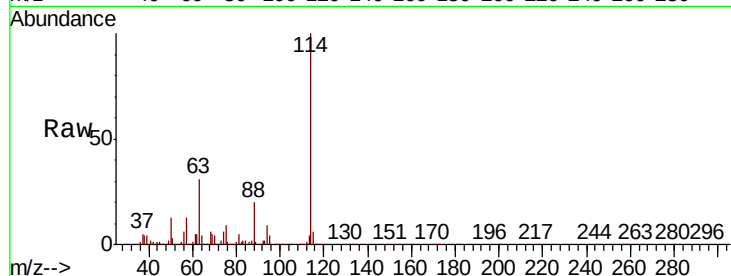




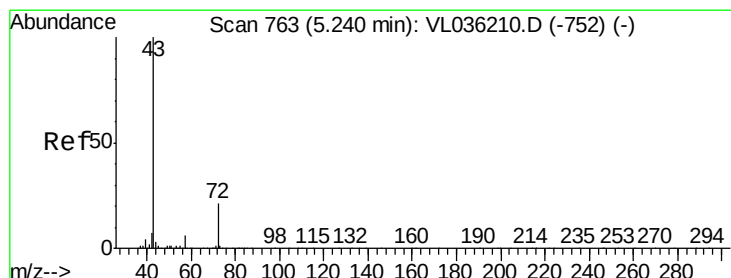
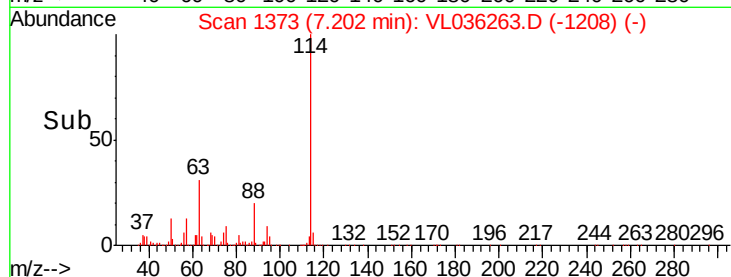
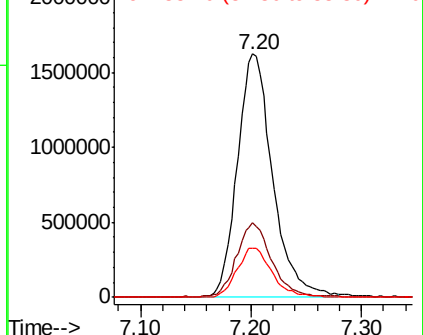
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

Tot Ion:114 Resp: 3596847
 Ion Ratio Lower Upper
 114 100
 63 30.8 24.7 37.1
 88 20.5 16.6 24.8

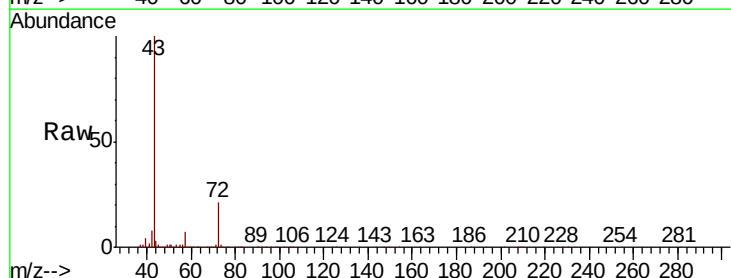


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

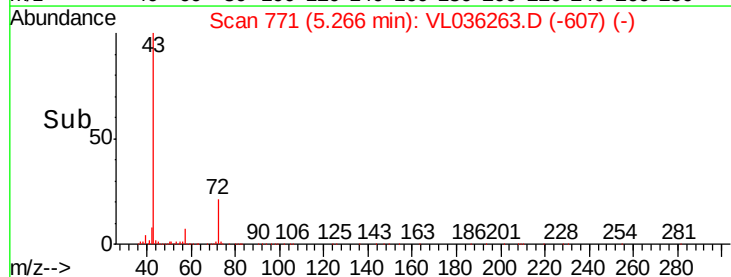
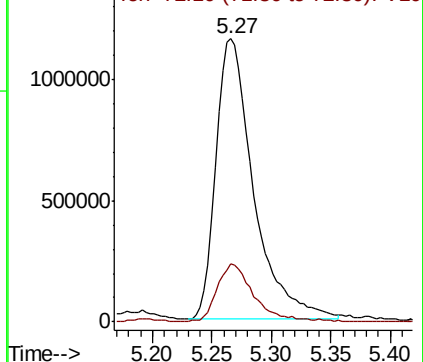


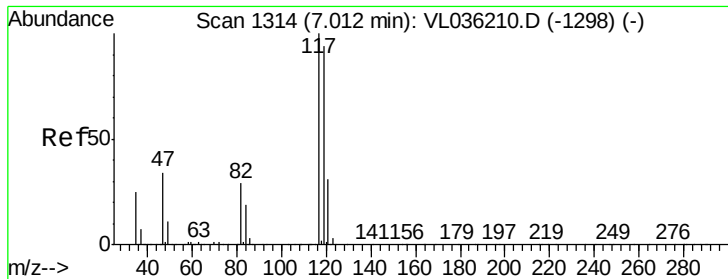
#34
 2-Butanone
 Concen: 9.580 ppbv
 RT: 5.27 min Scan# 771
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 43 Resp: 2537680
 Ion Ratio Lower Upper
 43 100
 72 20.4 16.1 24.1



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





#35

Carbon Tetrachloride

Concen: 11.139 ppbv

RT: 7.04 min Scan# 1324

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

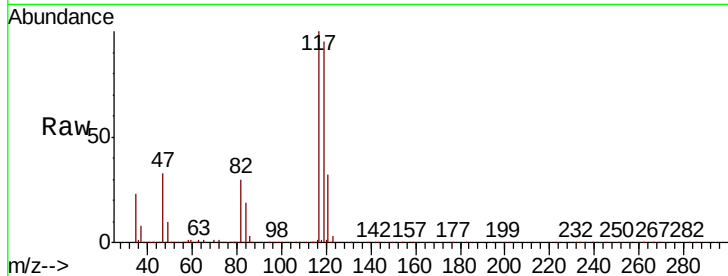
Tot Ion:117 Resp: 2531508

Ion Ratio Lower Upper

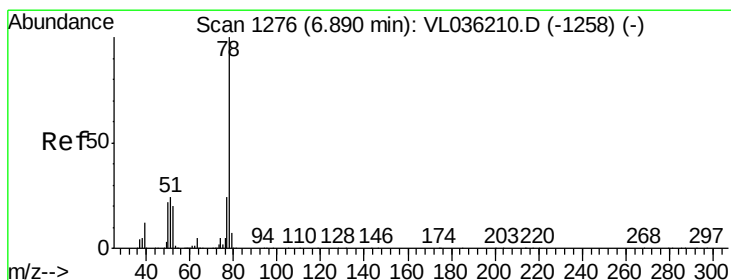
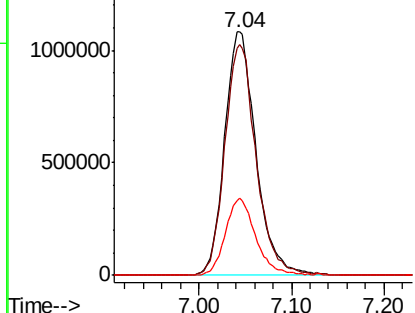
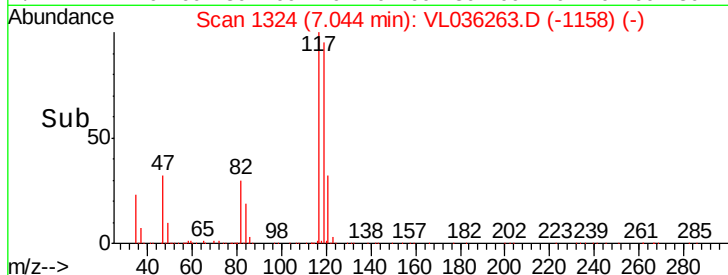
117 100

119 94.9 74.9 112.3

121 31.8 25.0 37.6



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: 10.035 ppbv

RT: 6.92 min Scan# 1284

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

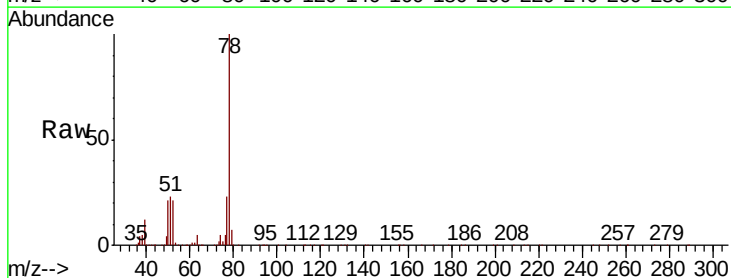
Tgt Ion: 78 Resp: 3307362

Ion Ratio Lower Upper

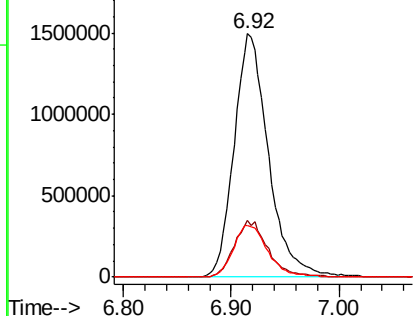
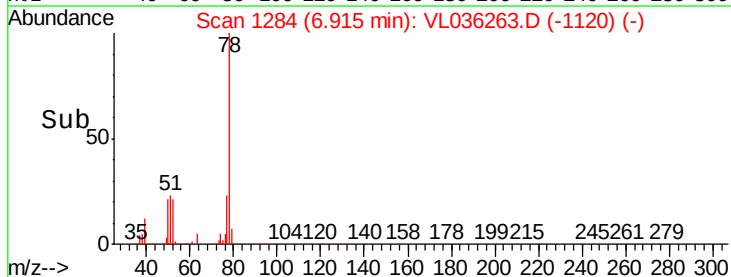
78 100

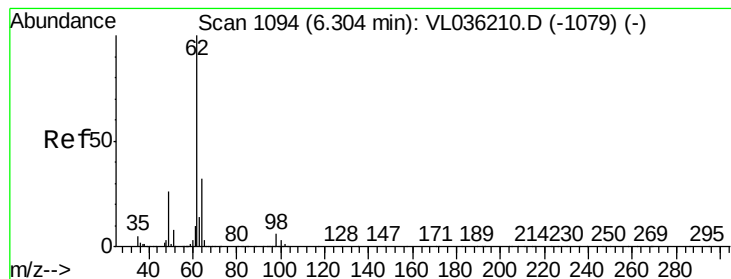
77 23.0 19.4 29.0

50 21.2 17.4 26.2



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: 10.673 ppbv

RT: 6.33 min Scan# 1103

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

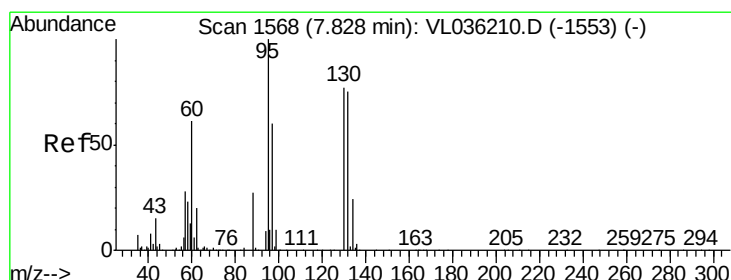
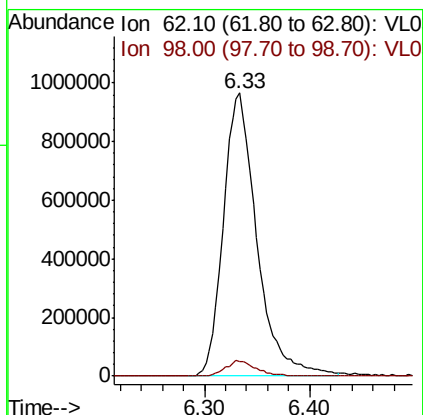
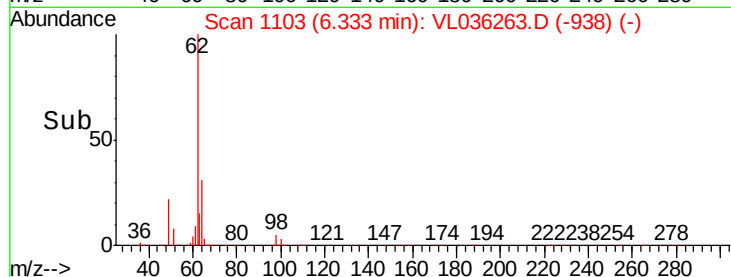
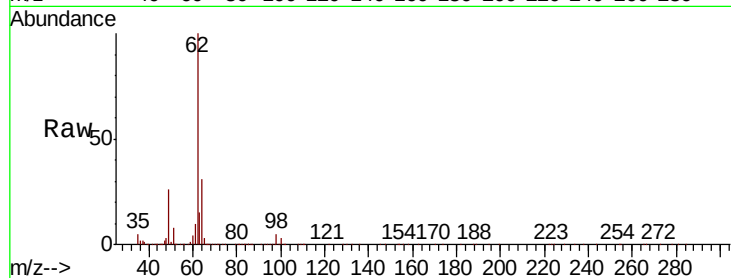
VL0122ABS01

Tot Ion: 62 Resp: 2116750

Ion Ratio Lower Upper

62 100

98 5.3 4.4 6.6



#38

Trichloroethene

Concen: 9.101 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. 0.04 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Tgt Ion: 130 Resp: 1110900

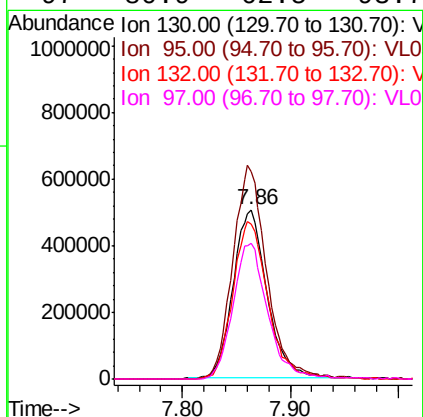
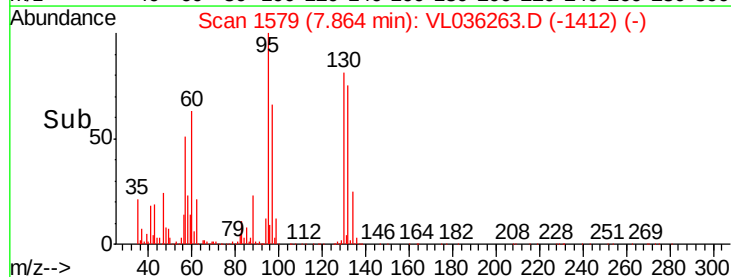
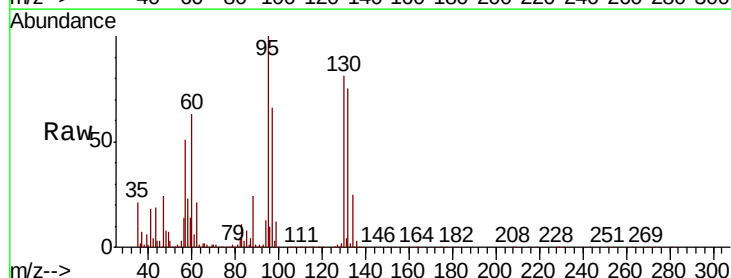
Ion Ratio Lower Upper

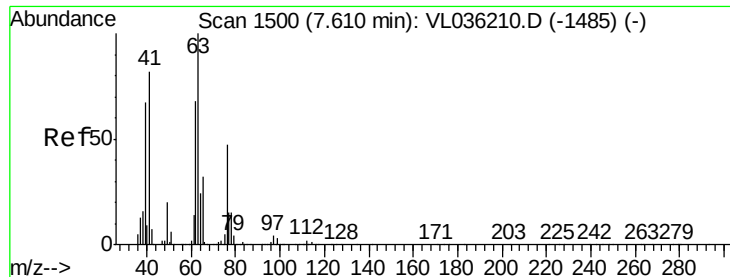
130 100

95 123.3 103.9 155.9

132 92.2 77.4 116.2

97 80.9 62.5 93.7





#39

1,2-Dichloropropane

Concen: 10.109 ppbv

RT: 7.64 min Scan# 1509

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

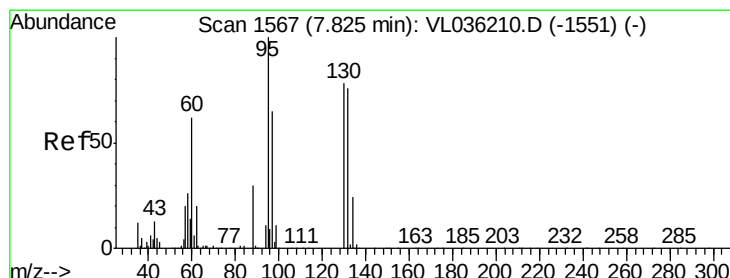
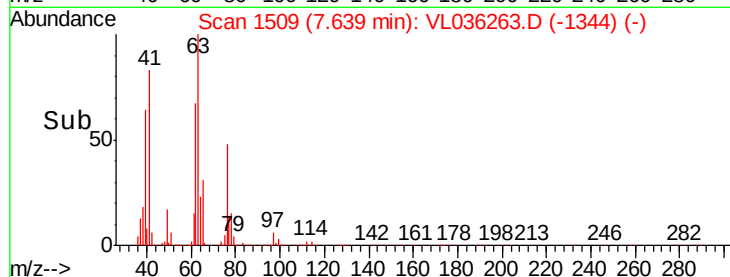
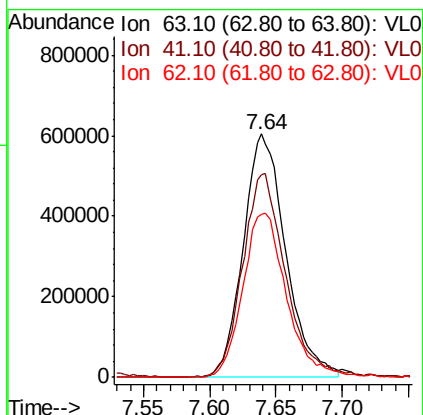
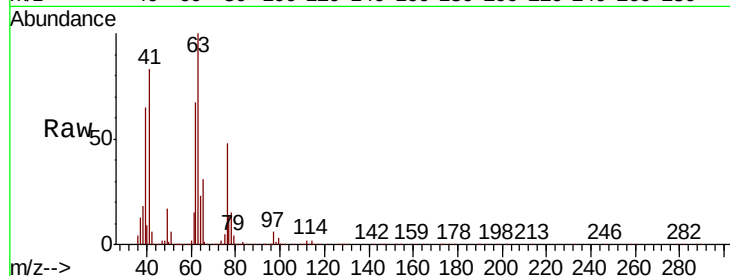
Tot Ion: 63 Resp: 1352718

Ion Ratio Lower Upper

63 100

41 83.3 66.1 99.1

62 66.4 54.8 82.2



#40

1,4-Dioxane

Concen: 4.896 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. 0.04 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Tgt Ion: 88 Resp: 237004

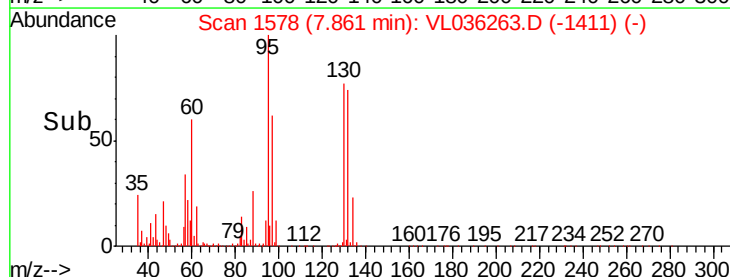
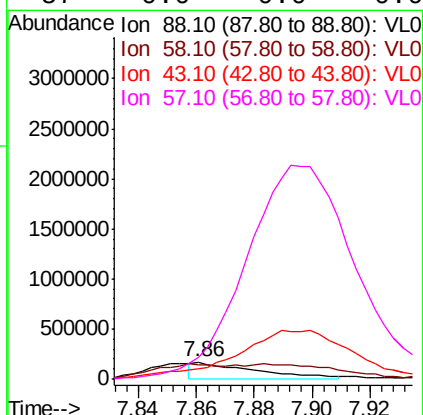
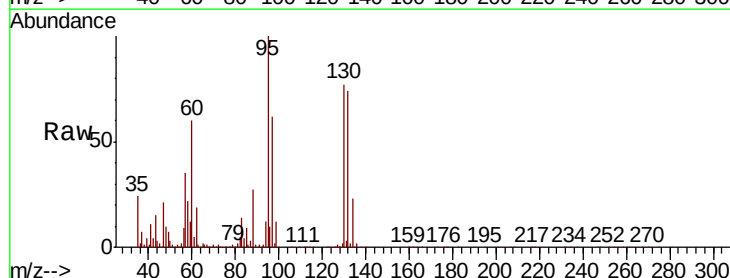
Ion Ratio Lower Upper

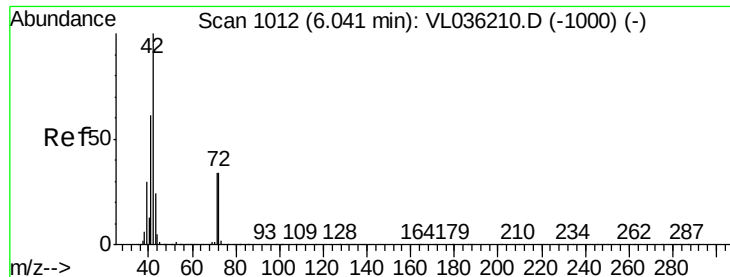
88 100

58 129.2 123.0 184.6

43 0.0 0.0 0.0

57 0.0 0.0 0.0

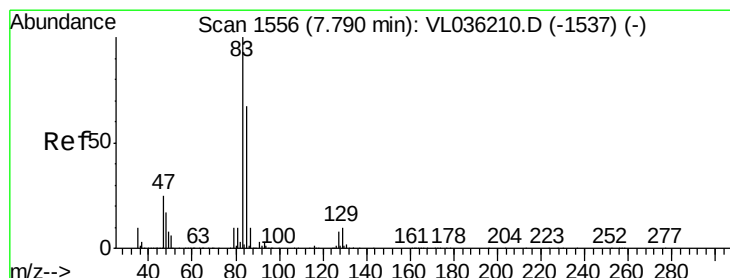
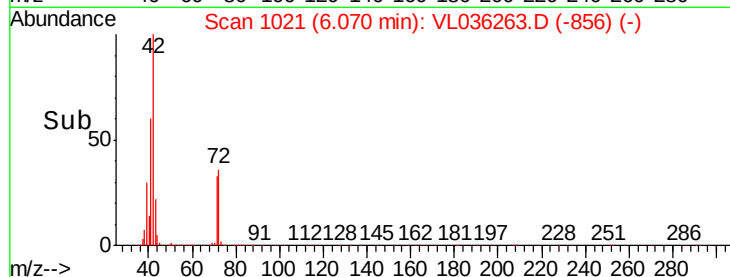
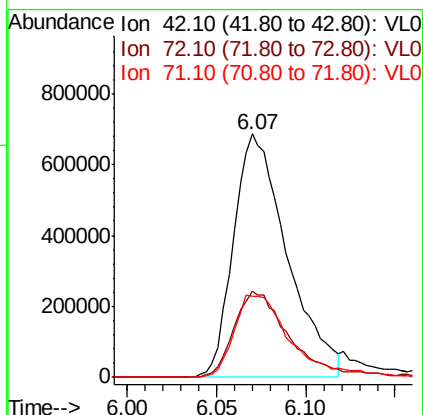
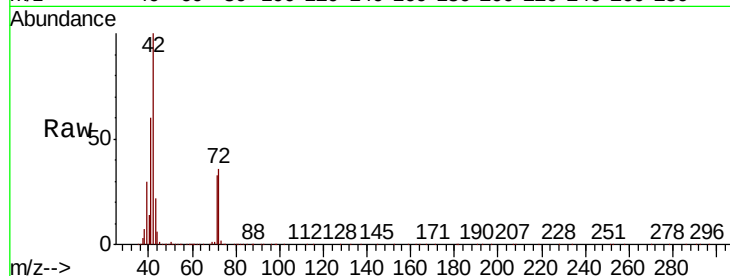




#41
Tetrahydrofuran
Concen: 9.382 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

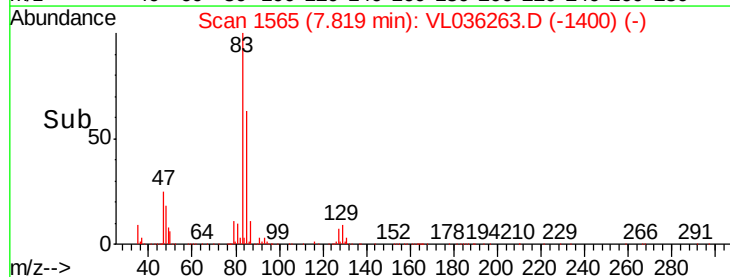
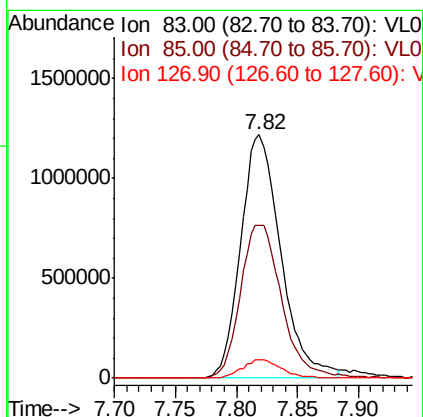
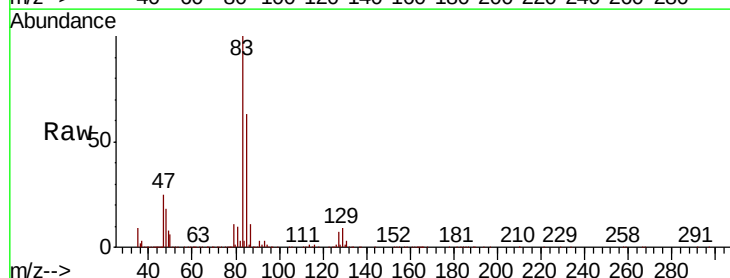
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

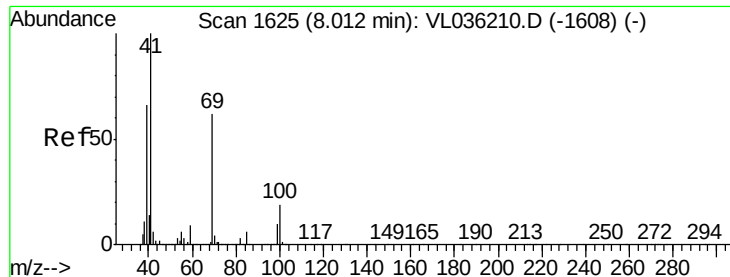
Tot Ion: 42 Resp: 1436159
Ion Ratio Lower Upper
42 100
72 37.7 29.5 44.3
71 36.7 29.1 43.7



#42
Bromodichloromethane
Concen: 11.121 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 83 Resp: 2772058
Ion Ratio Lower Upper
83 100
85 63.0 53.4 80.2
127 7.4 6.2 9.2

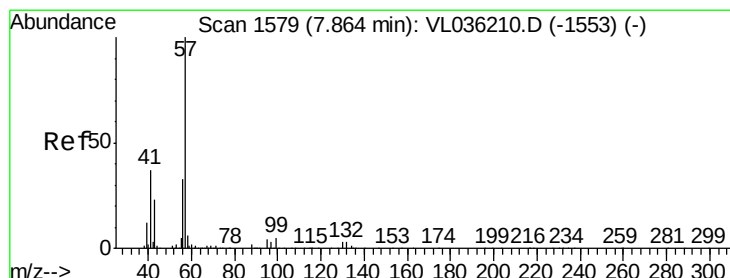
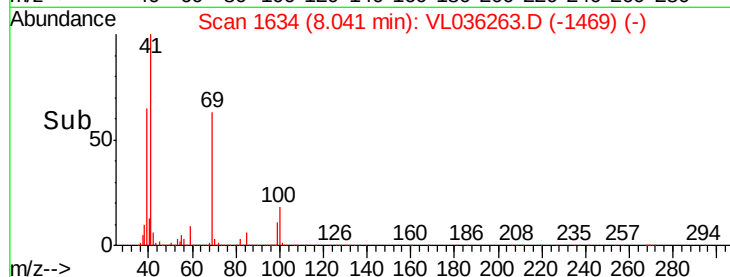
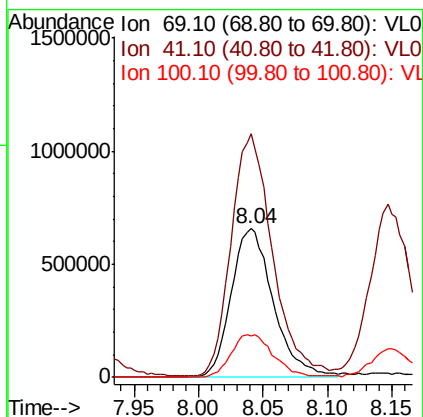
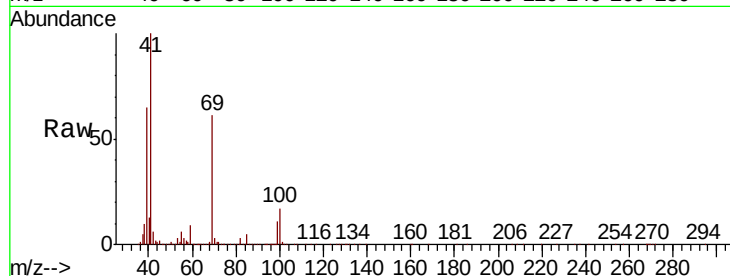




#43
Methyl Methacrylate
Concen: 10.635 ppbv
RT: 8.04 min Scan# 1634
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

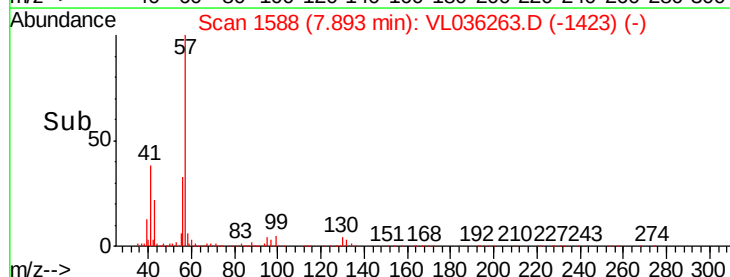
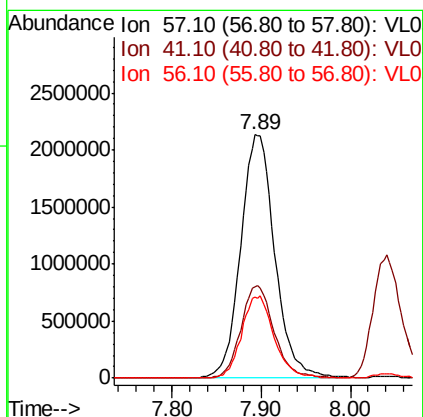
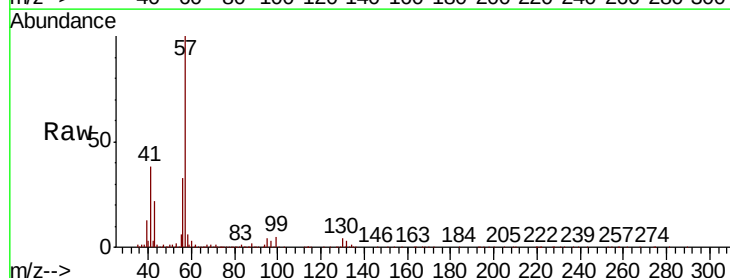
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

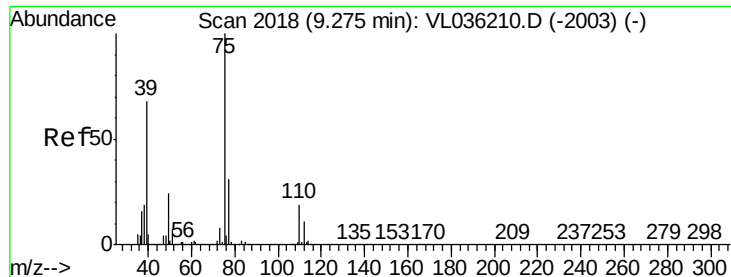
Tot Ion: 69 Resp: 1489566
Ion Ratio Lower Upper
69 100
41 162.0 133.4 200.2
100 29.5 24.3 36.5



#44
2,2,4-Trimethylpentane
Concen: 9.386 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 57 Resp: 5681679
Ion Ratio Lower Upper
57 100
41 36.6 28.5 42.7
56 32.3 25.5 38.3

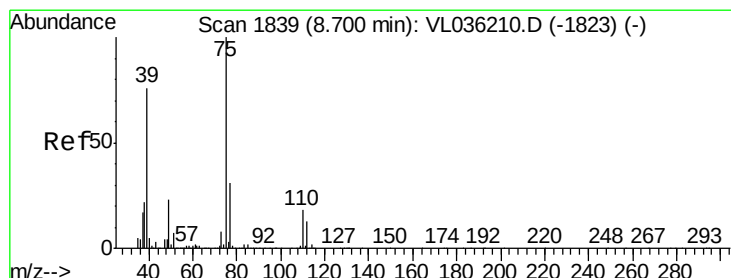
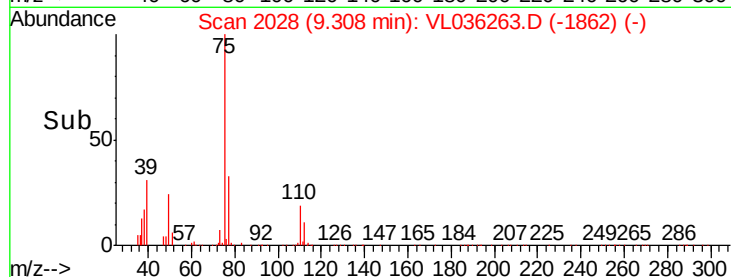
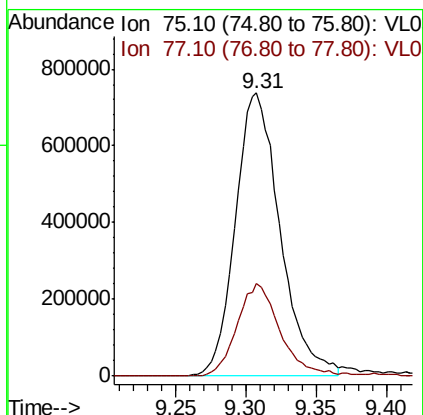
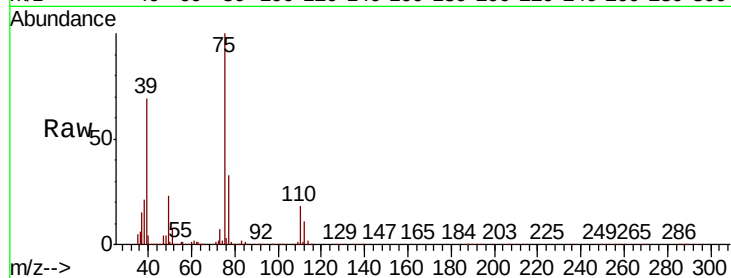




#45
 t-1,3-Dichloropropene
 Concen: 12.271 ppbv
 RT: 9.31 min Scan# 2028
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

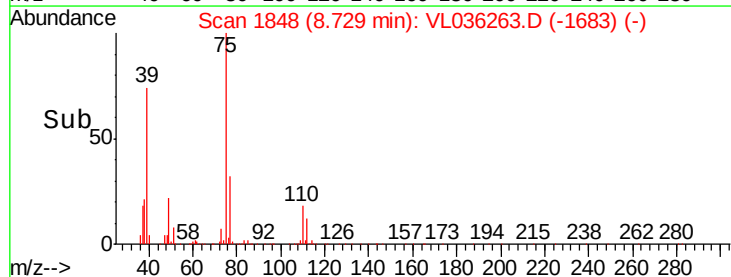
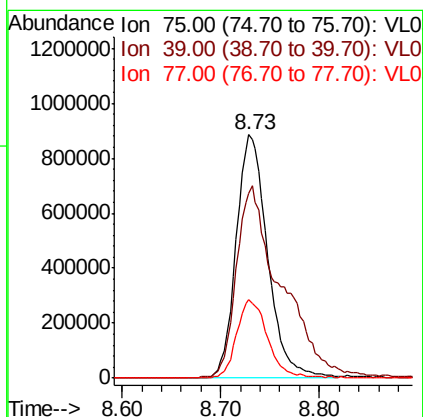
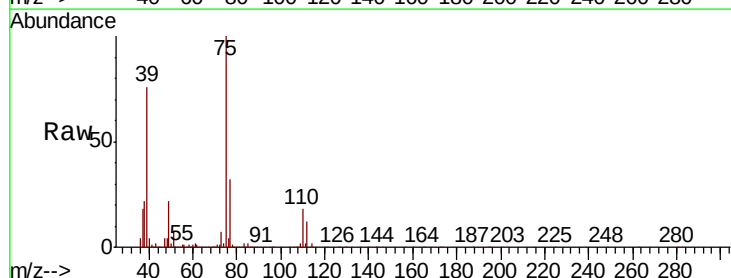
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

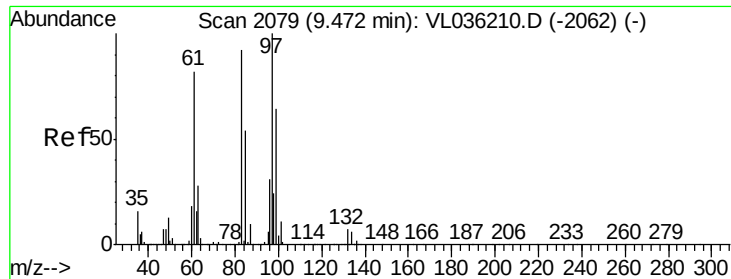
Tot Ion: 75 Resp: 1632473
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.7 37.1



#46
 cis-1,3-Dichloropropene
 Concen: 11.470 ppbv
 RT: 8.73 min Scan# 1848
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 75 Resp: 1960721
 Ion Ratio Lower Upper
 75 100
 39 75.6 61.2 91.8
 77 32.1 24.6 37.0



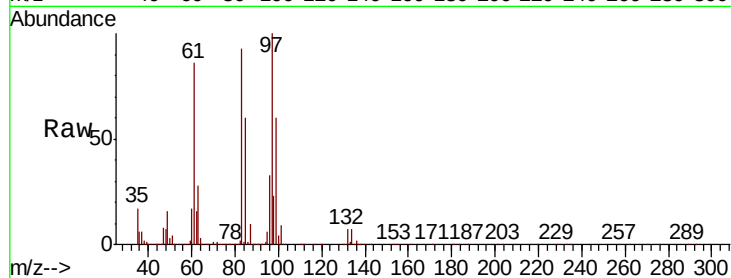


#47
 1,1,2-Trichloroethane
 Concen: 10.218 ppbv
 RT: 9.51 min Scan# 2090
 Delta R.T. 0.04 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

Tot Ion: 97 Resp: 1308011

Ion	Ratio	Lower	Upper
97	100		
83	93.1	73.3	109.9
85	59.9	43.2	64.8
99	59.7	51.5	77.3



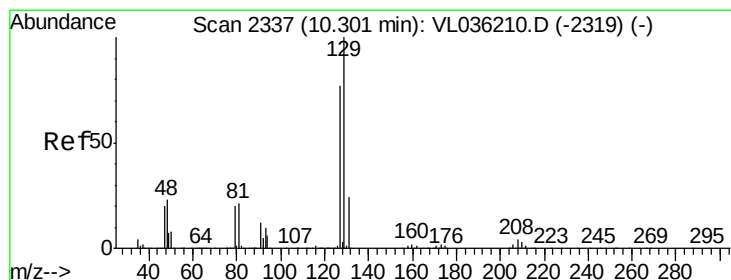
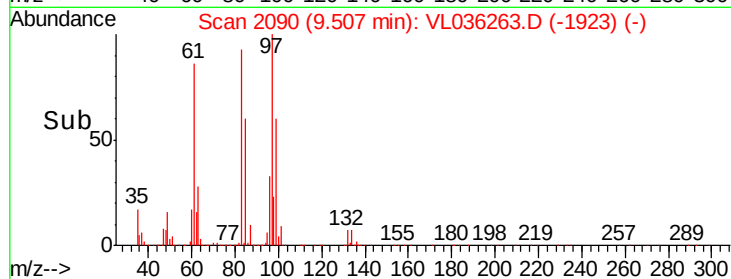
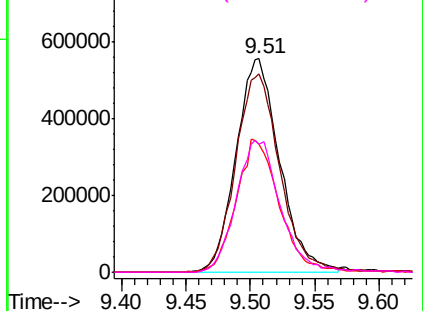
Abundance

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

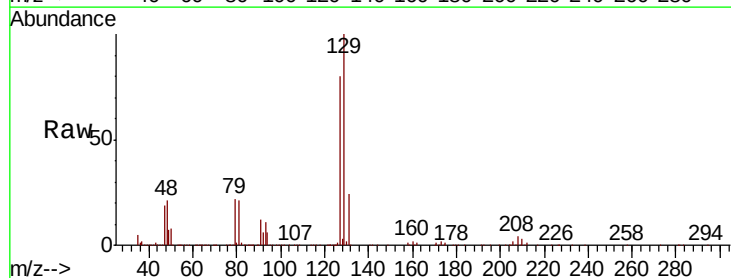
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 11.278 ppbv
 RT: 10.33 min Scan# 2347
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 129 Resp: 2112175

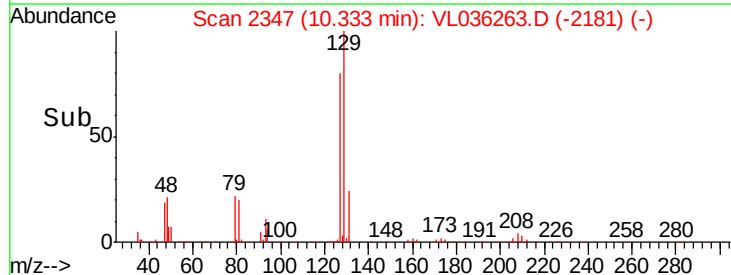
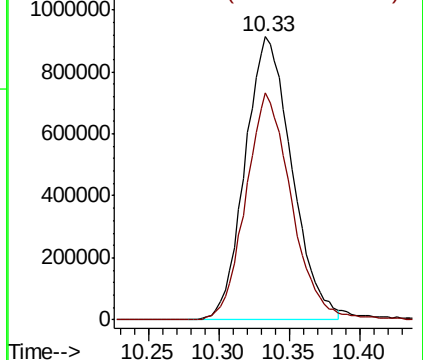
Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.6	118.8

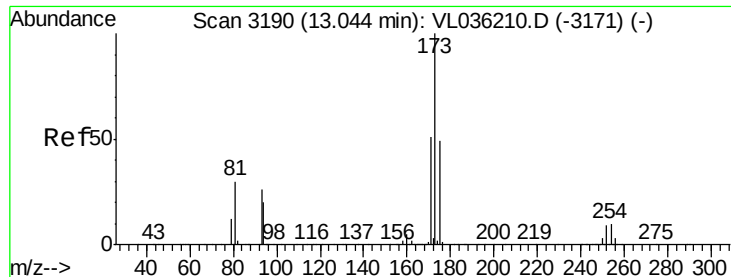


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.177 ppbv

RT: 13.07 min Scan# 3199

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

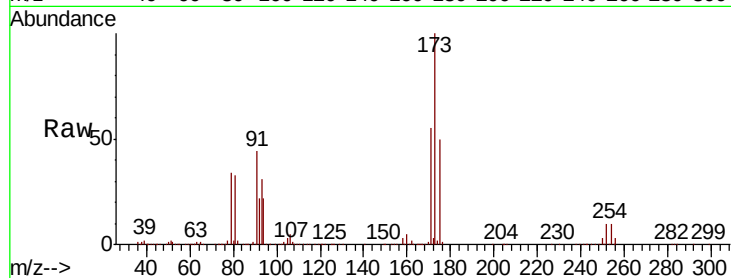
Tot Ion:173 Resp: 1747364

Ion Ratio Lower Upper

173 100

175 50.3 40.7 61.1

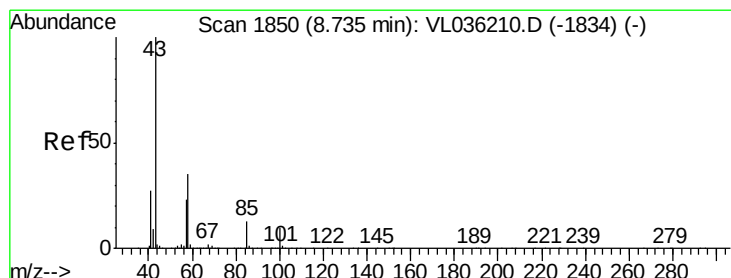
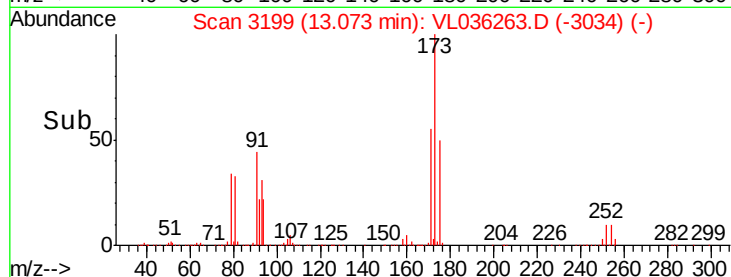
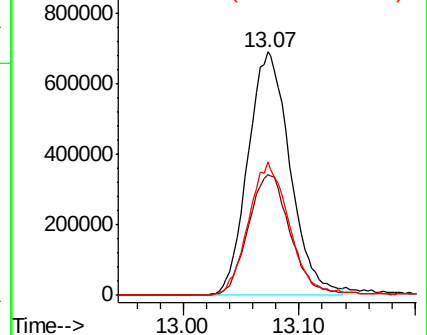
171 54.0 43.0 64.6



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: 9.992 ppbv

RT: 8.77 min Scan# 1861

Delta R.T. 0.04 min

Lab File: VL036263.D

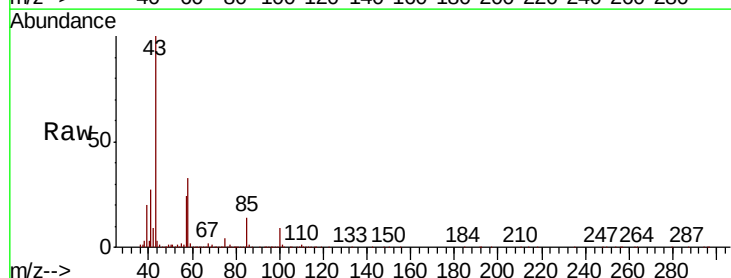
Acq: 22 Jan 2021 11:55

Tgt Ion: 43 Resp: 3946253

Ion Ratio Lower Upper

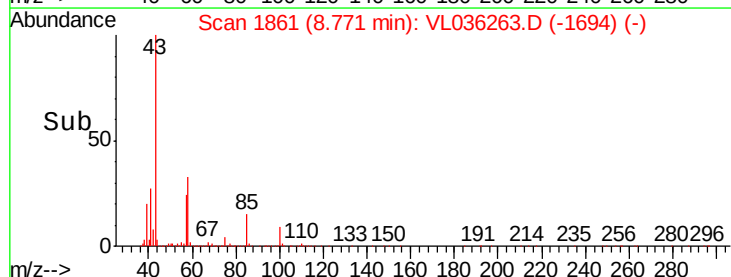
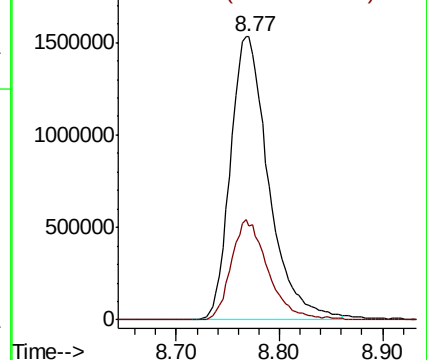
43 100

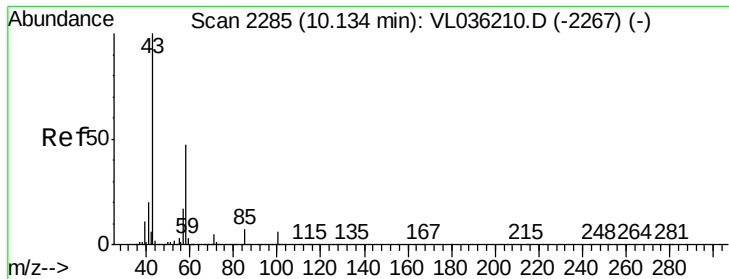
58 34.4 27.6 41.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

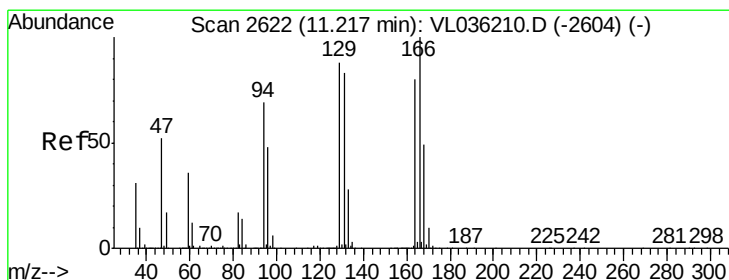
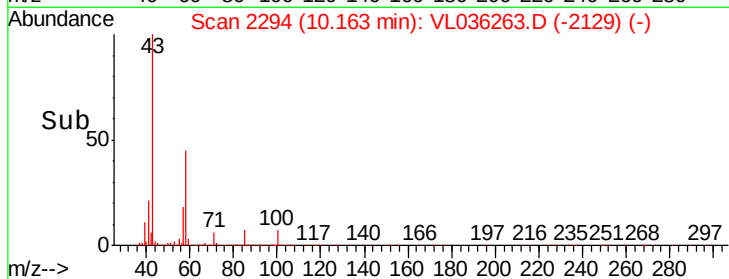
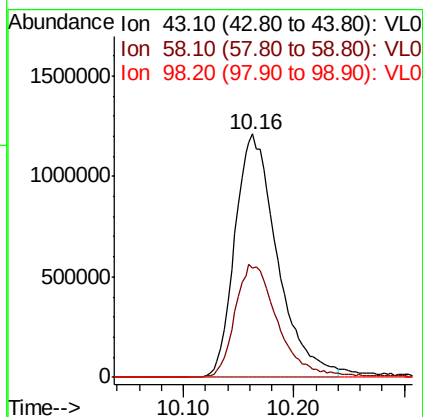
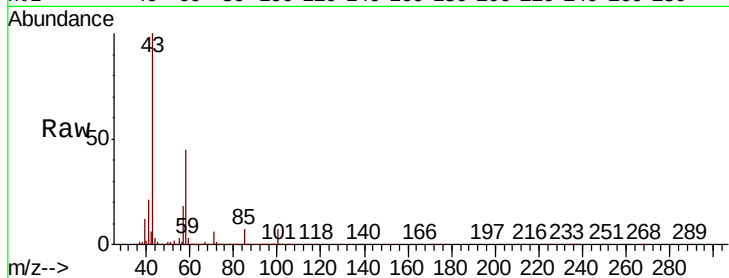




#51
2-Hexanone
Concen: 10.346 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

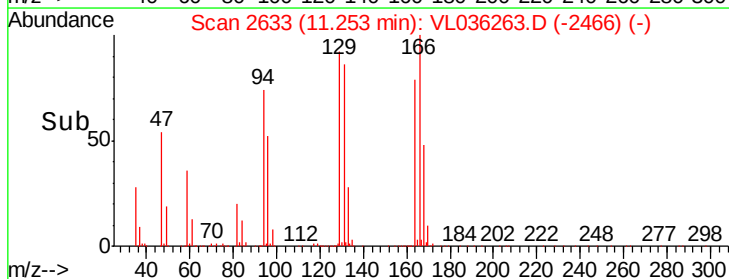
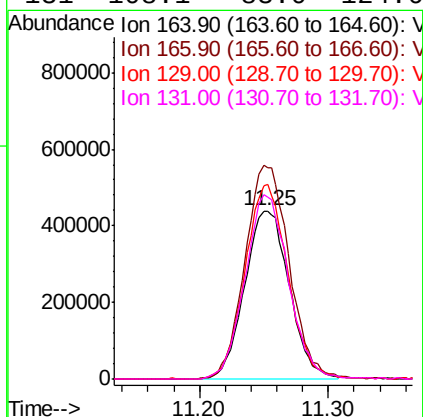
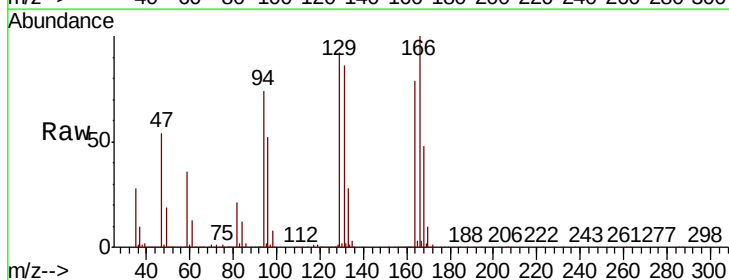
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

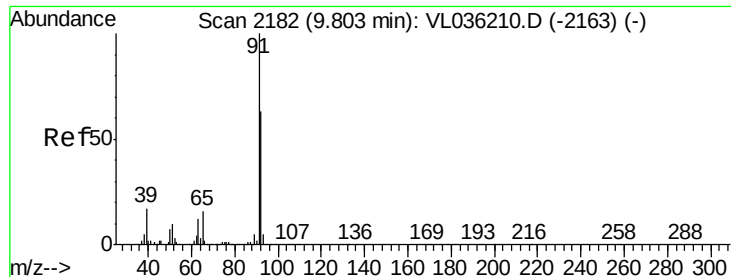
Tot Ion: 43 Resp: 3223444
Ion Ratio Lower Upper
43 100
58 47.7 37.4 56.0
98 0.2 0.2 0.2



#52
Tetrachloroethene
Concen: 8.685 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.04 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 164 Resp: 1054776
Ion Ratio Lower Upper
164 100
166 126.1 99.9 149.9
129 115.7 88.2 132.4
131 108.1 83.0 124.6





#53

Toluene

Concen: 10.054 ppbv

RT: 9.83 min Scan# 2192

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

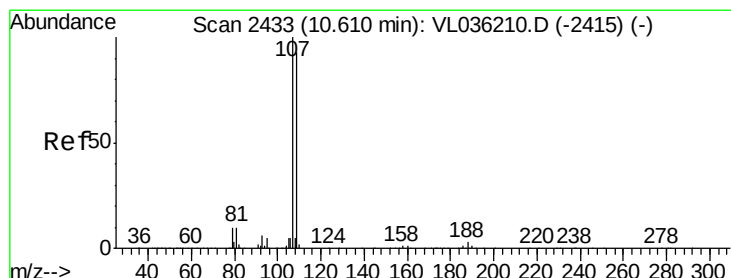
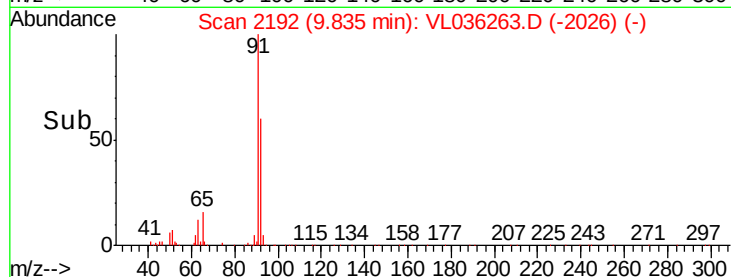
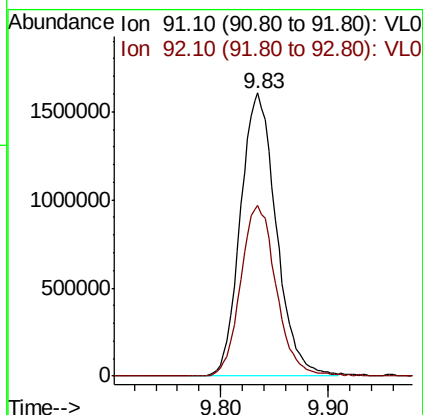
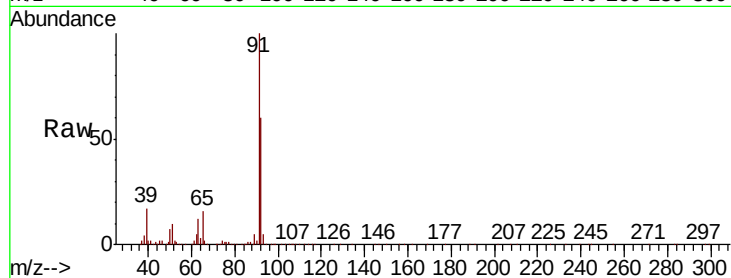
VL0122ABS01

Tot Ion: 91 Resp: 3706539

Ion Ratio Lower Upper

91 100

92 60.2 48.5 72.7



#54

1,2-Dibromoethane

Concen: 10.319 ppbv

RT: 10.64 min Scan# 2442

Delta R.T. 0.03 min

Lab File: VL036263.D

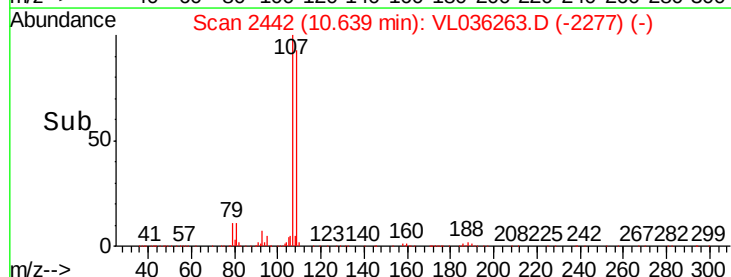
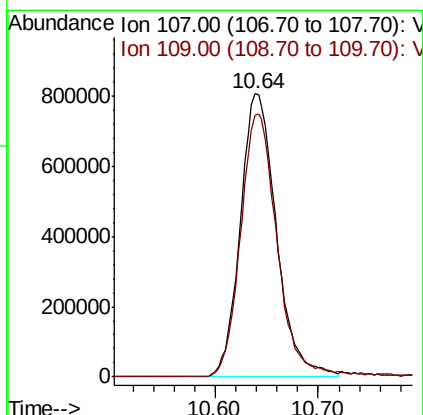
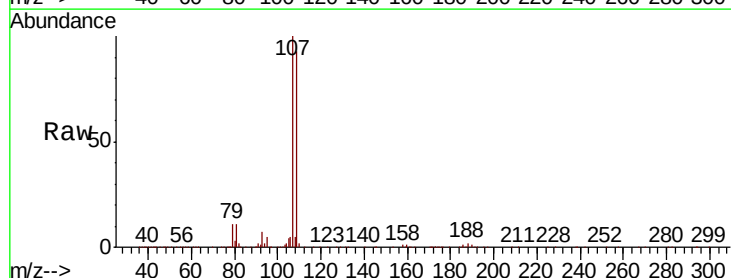
Acq: 22 Jan 2021 11:55

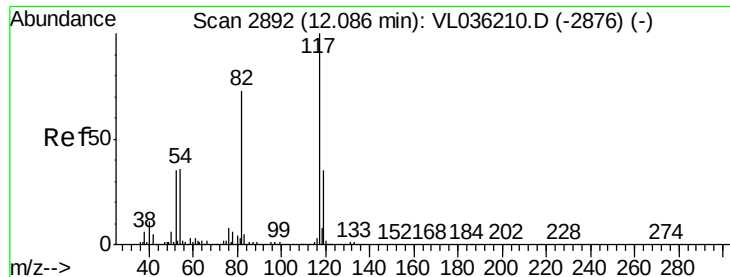
Tgt Ion: 107 Resp: 1958051

Ion Ratio Lower Upper

107 100

109 92.5 74.5 111.7

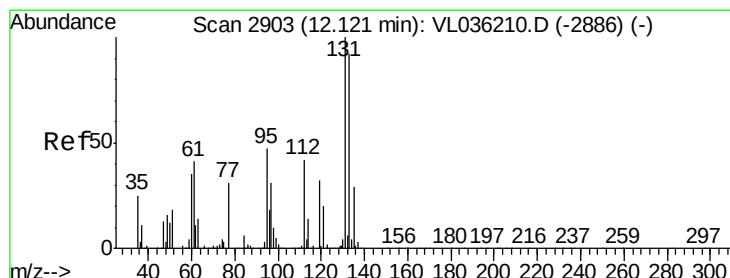
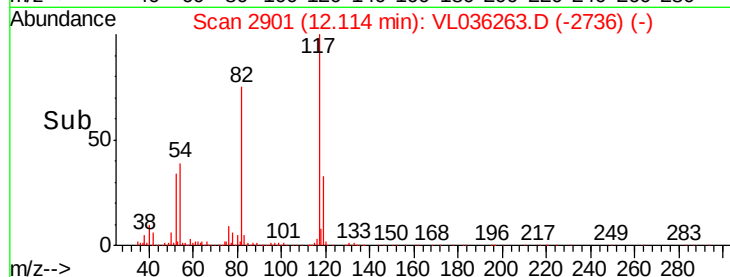
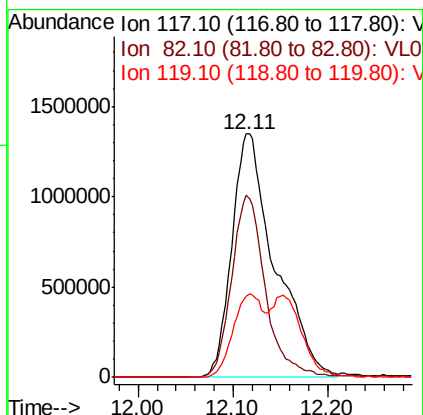
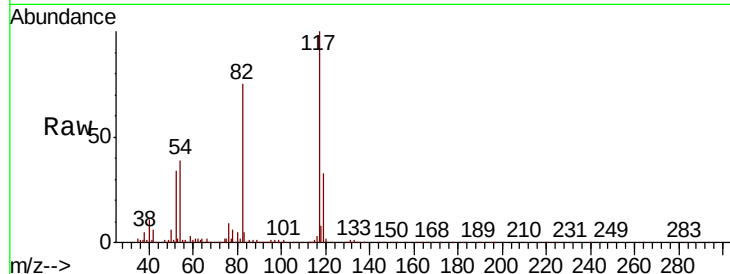




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

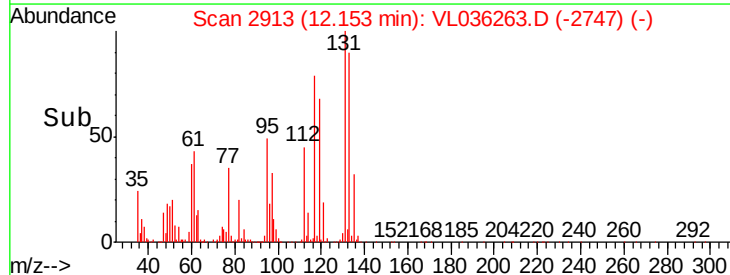
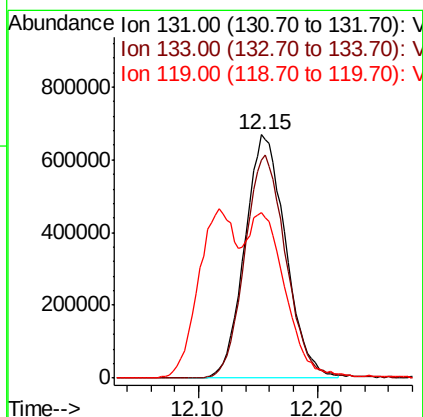
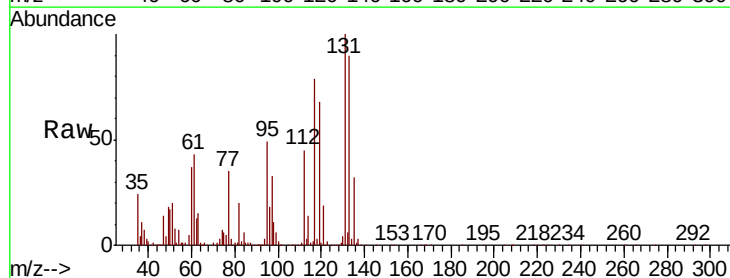
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

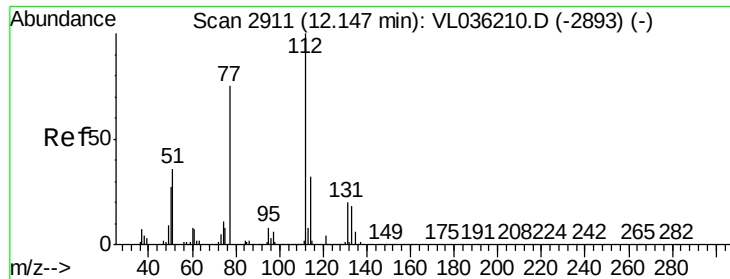
Tot Ion:117 Resp: 4260456
Ion Ratio Lower Upper
117 100
82 59.5 59.7 89.5#
119 23.4 28.6 43.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.352 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion:131 Resp: 1588025
Ion Ratio Lower Upper
131 100
133 93.6 76.5 114.7
119 72.5 45.4 68.0#

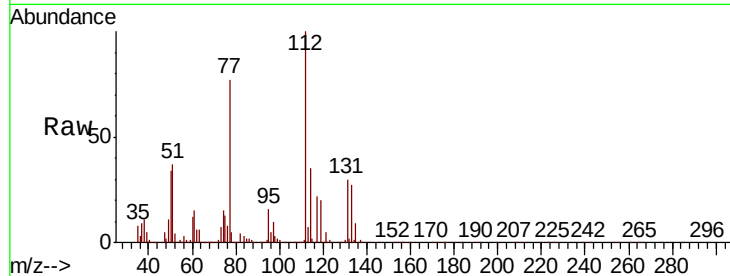




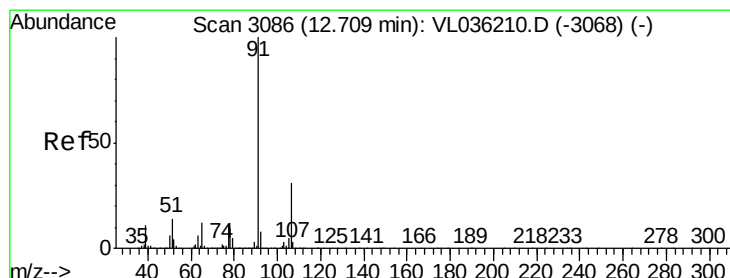
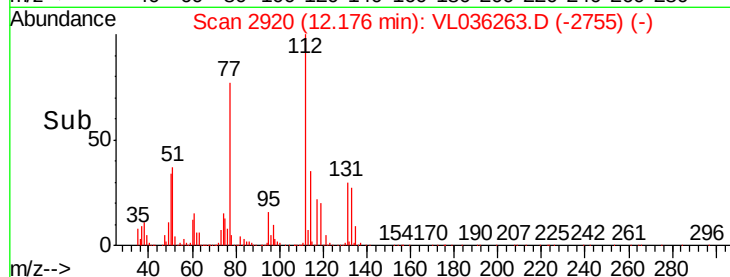
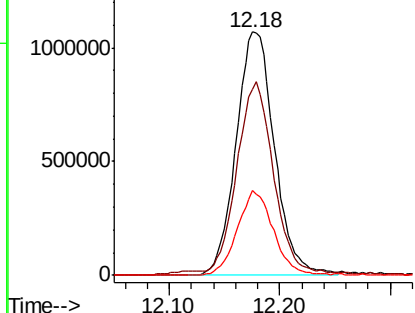
#57
Chlorobenzene
Concen: 7.707 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

Tot Ion: 112 Resp: 2576227
Ion Ratio Lower Upper
112 100
77 75.5 59.6 89.4
114 35.0 28.7 35.1

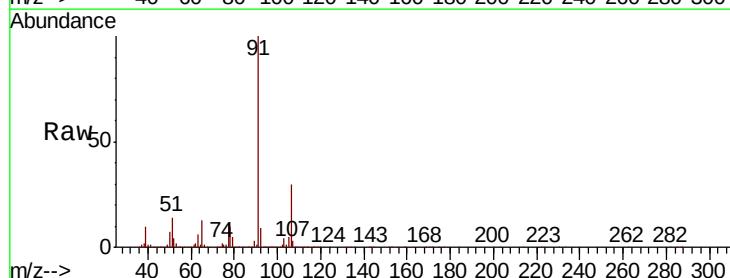


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

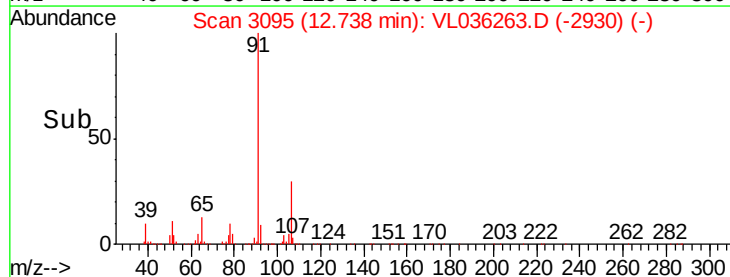
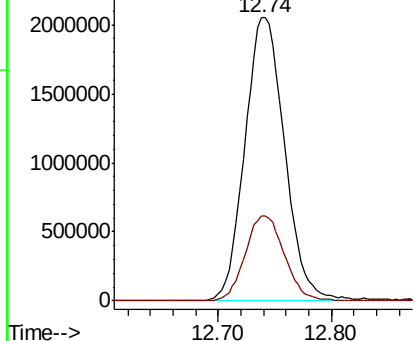


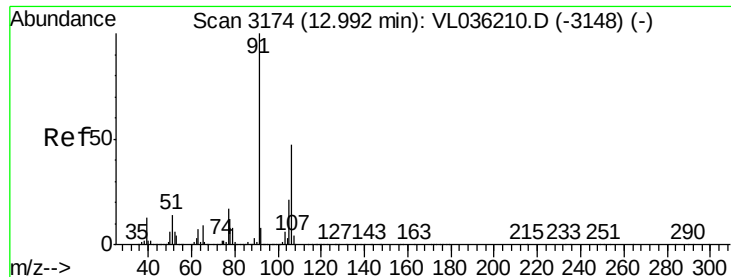
#58
Ethyl Benzene
Concen: 7.903 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 91 Resp: 4996573
Ion Ratio Lower Upper
91 100
106 30.1 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 9.358 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. 0.04 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

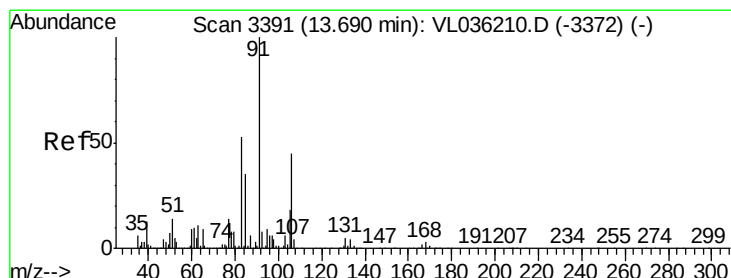
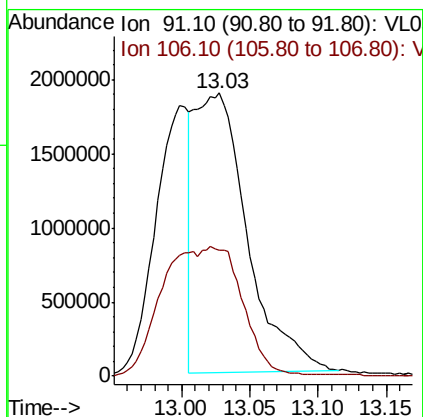
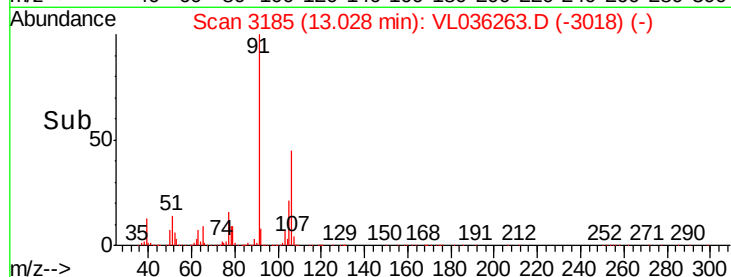
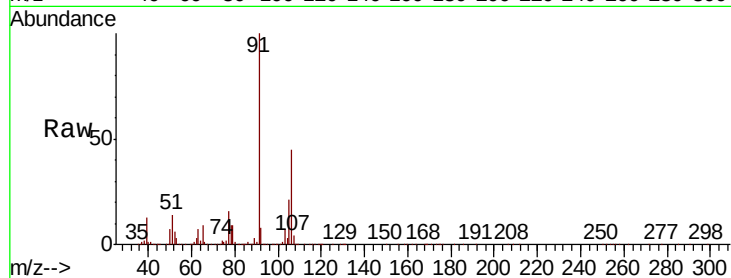
VL0122ABS01

Tot Ion: 91 Resp: 5083869

Ion Ratio Lower Upper

91 100

106 70.9 34.6 51.8#



#60

o-Xylene

Concen: 7.535 ppbv

RT: 13.72 min Scan# 3401

Delta R.T. 0.03 min

Lab File: VL036263.D

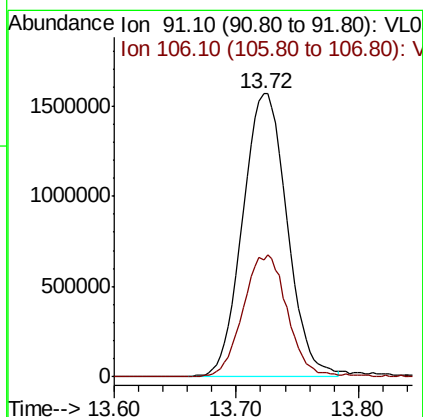
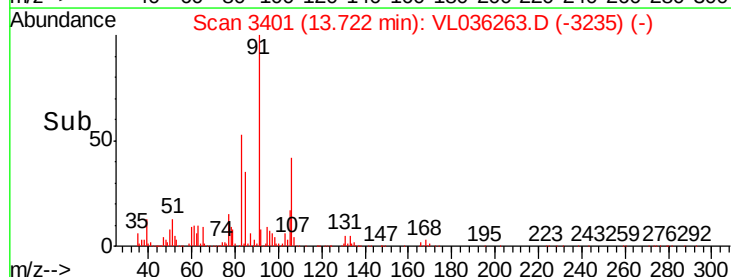
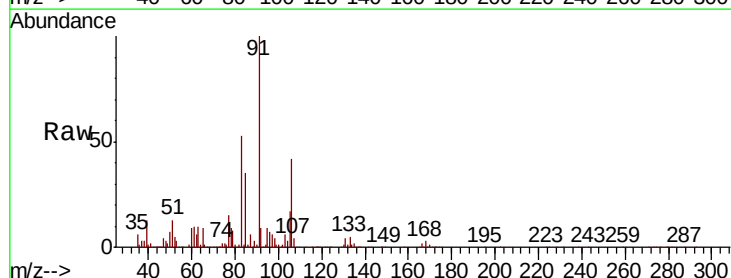
Acq: 22 Jan 2021 11:55

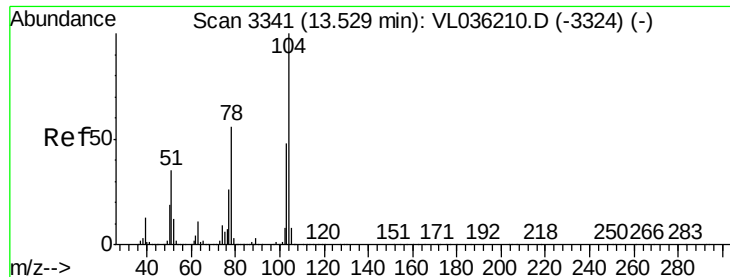
Tgt Ion: 91 Resp: 3945818

Ion Ratio Lower Upper

91 100

106 43.1 21.9 65.8





#61

Stvrene

Concen: 8.342 ppbv

RT: 13.56 min Scan# 3351

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

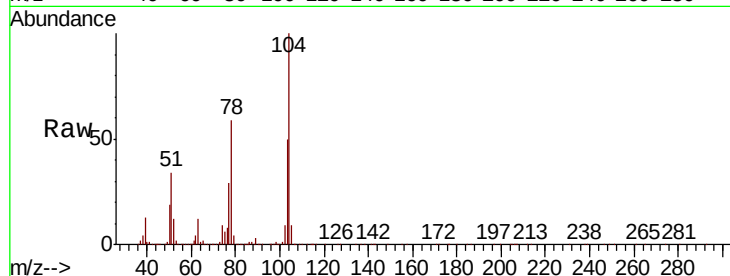
Tot Ion:104 Resp: 2758293

Ion Ratio Lower Upper

104 100

78 59.8 46.8 70.2

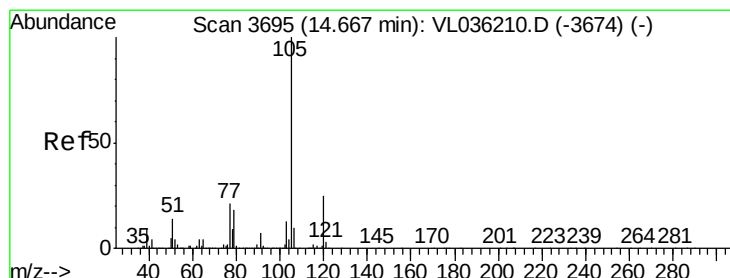
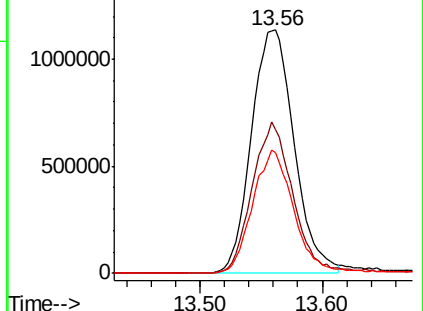
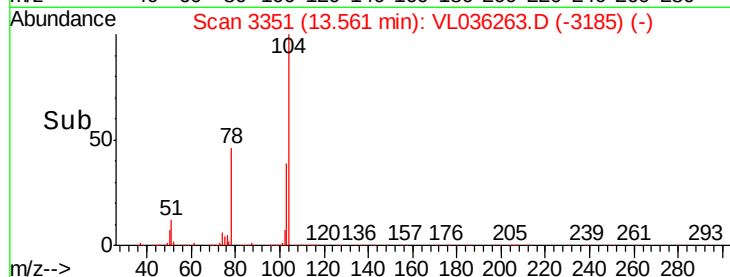
103 49.0 38.4 57.6



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.523 ppbv

RT: 14.70 min Scan# 3704

Delta R.T. 0.03 min

Lab File: VL036263.D

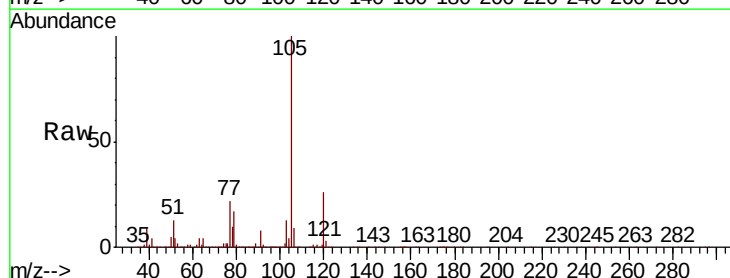
Acq: 22 Jan 2021 11:55

Tgt Ion:105 Resp: 5857377

Ion Ratio Lower Upper

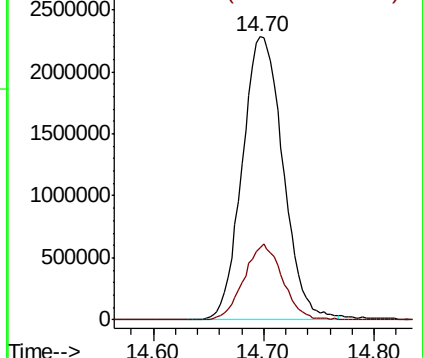
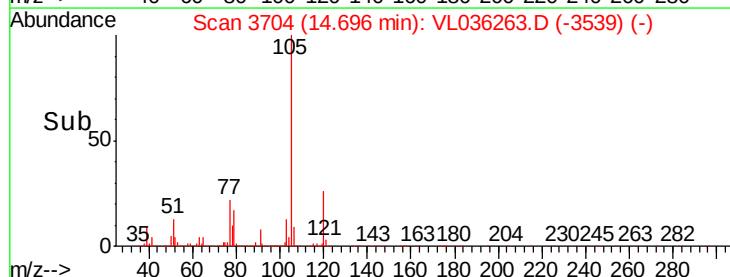
105 100

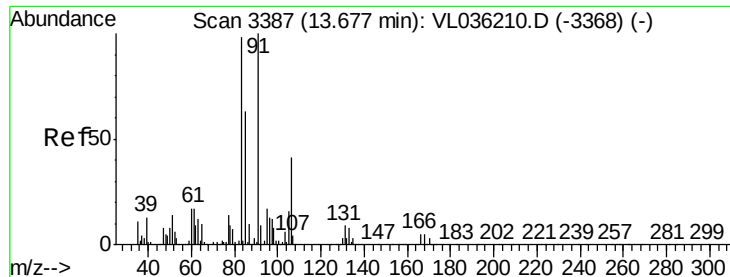
120 25.6 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.281 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

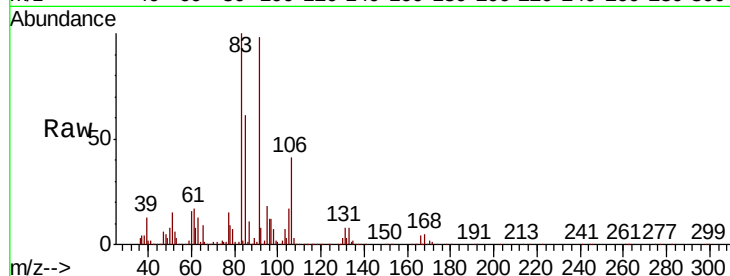
Tot Ion: 83 Resp: 2839001

Ion Ratio Lower Upper

83 100

131 8.8 4.5 13.5

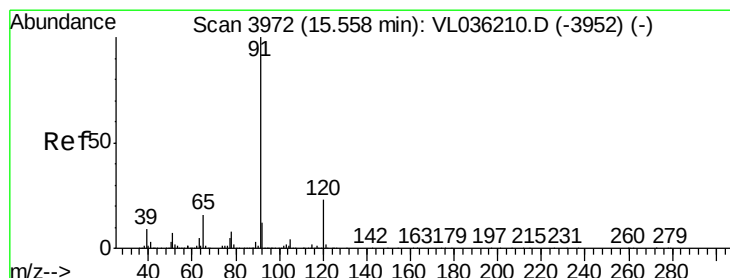
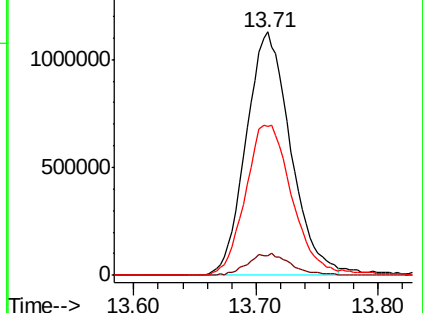
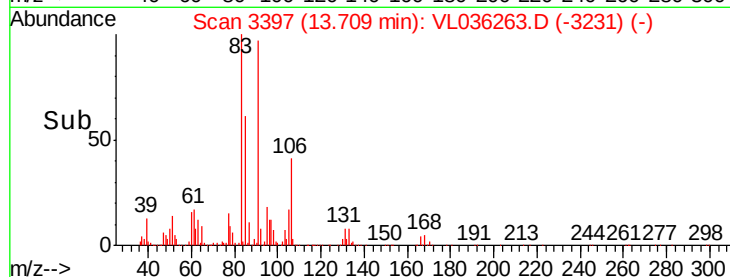
85 66.3 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.959 ppbv

RT: 15.59 min Scan# 3982

Delta R.T. 0.03 min

Lab File: VL036263.D

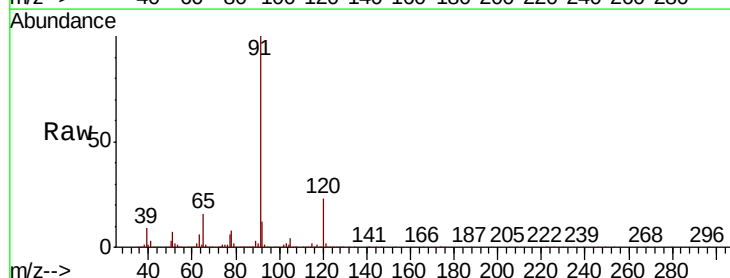
Acq: 22 Jan 2021 11:55

Tgt Ion:120 Resp: 1522561

Ion Ratio Lower Upper

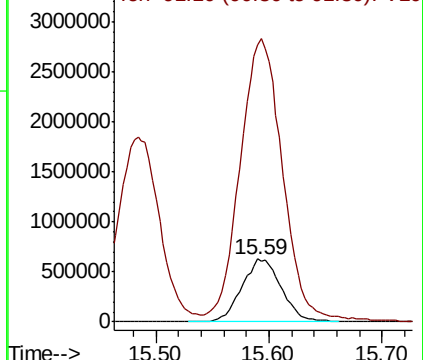
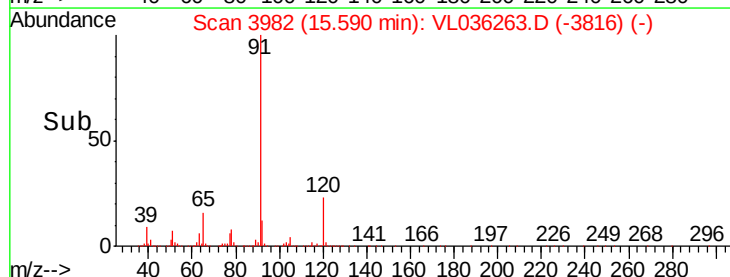
120 100

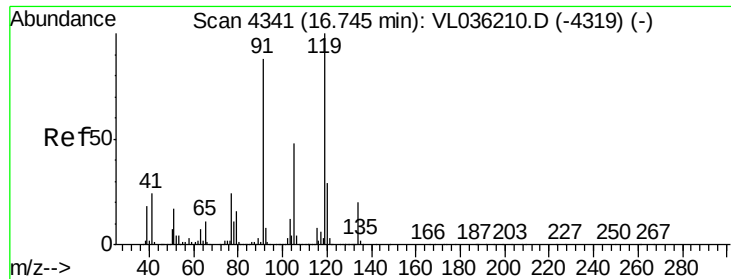
91 487.9 391.8 587.6



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.517 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

VL0122ABS01

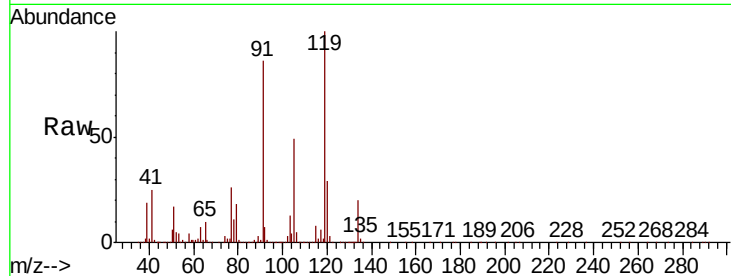
Tot Ion:119 Resp: 4959086

Ion Ratio Lower Upper

119 100

91 89.3 71.0 106.6

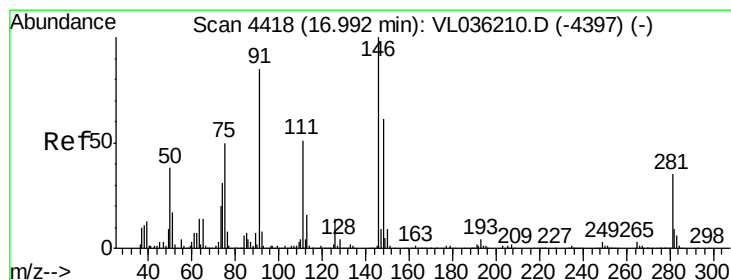
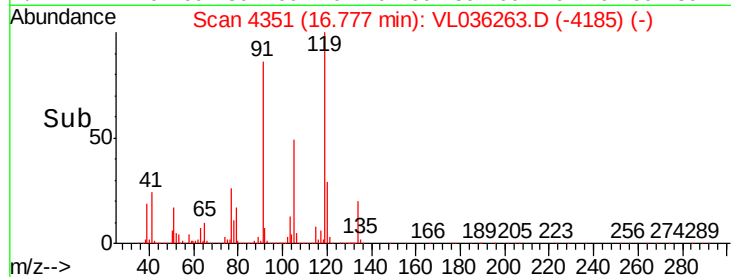
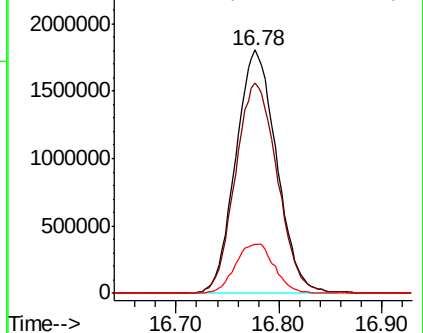
134 19.7 15.8 23.6



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 11.161 ppbv

RT: 17.02 min Scan# 4428

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

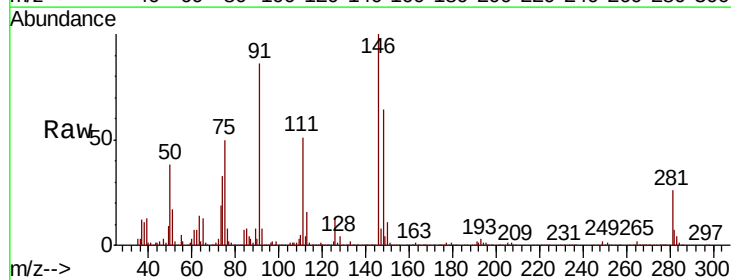
Tgt Ion: 91 Resp: 1881125

Ion Ratio Lower Upper

91 100

126 15.1 12.6 19.0

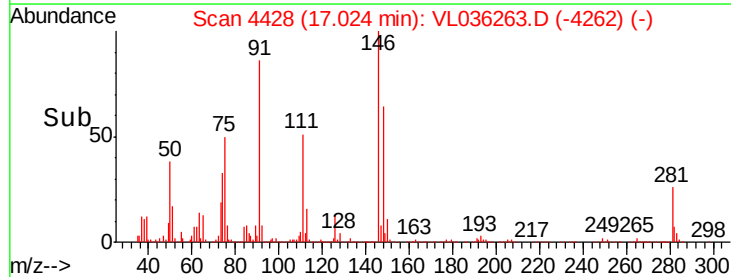
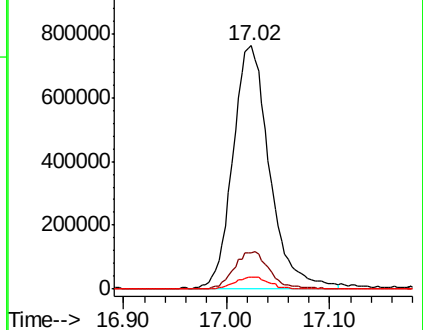
128 4.9 3.8 5.6

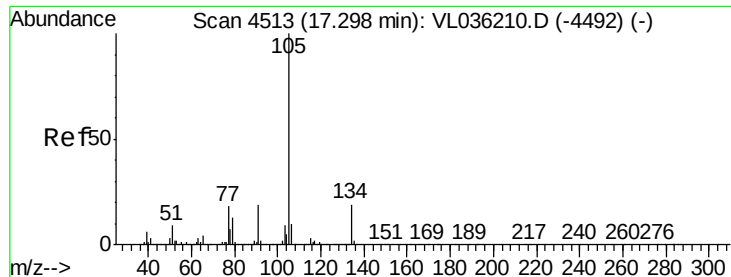


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

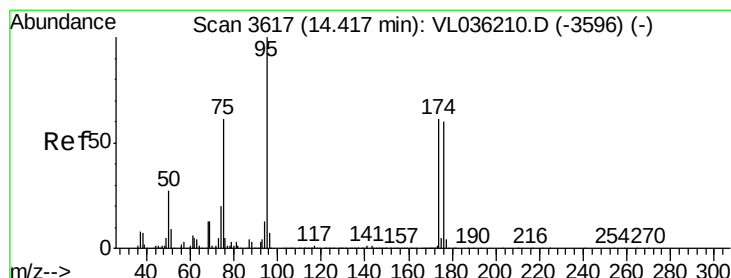
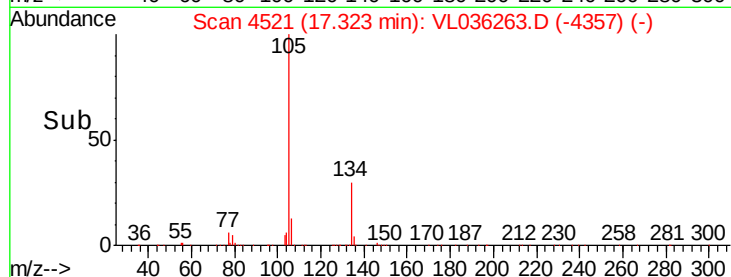
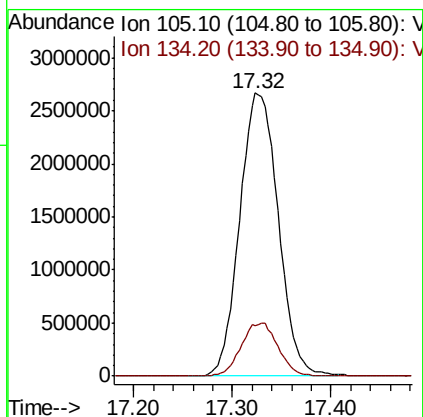
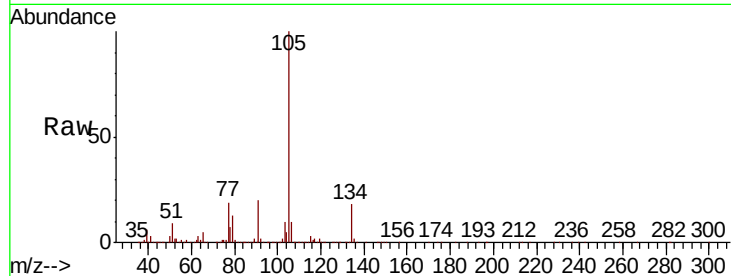




#67
 sec-Butylbenzene
 Concen: 7.336 ppbv
 RT: 17.32 min Scan# 4521
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

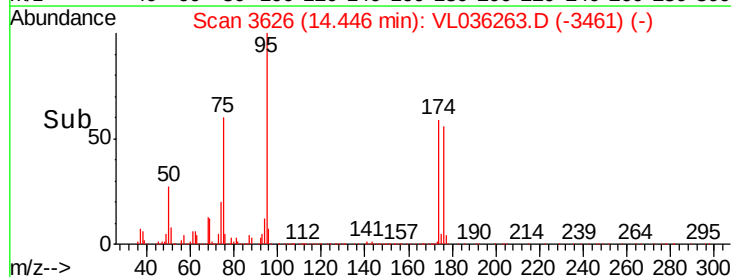
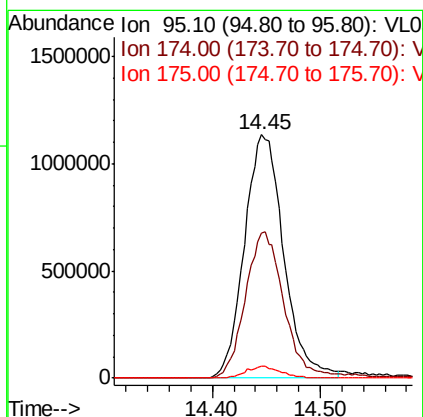
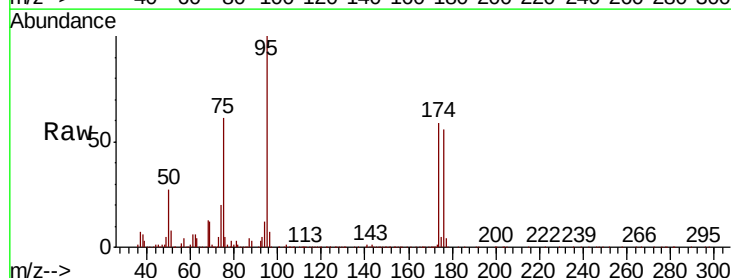
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

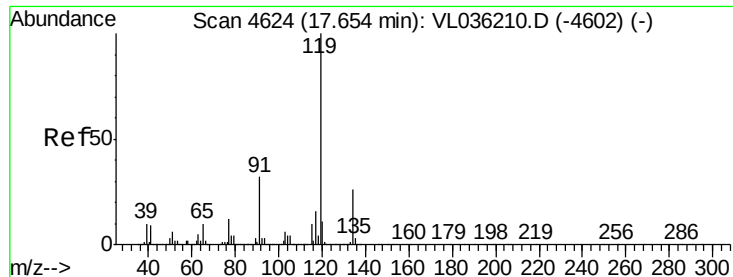
Tot Ion: 105 Resp: 7184037
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.146 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 95 Resp: 2872723
 Ion Ratio Lower Upper
 95 100
 174 60.1 49.4 74.0
 175 4.5 3.8 5.8

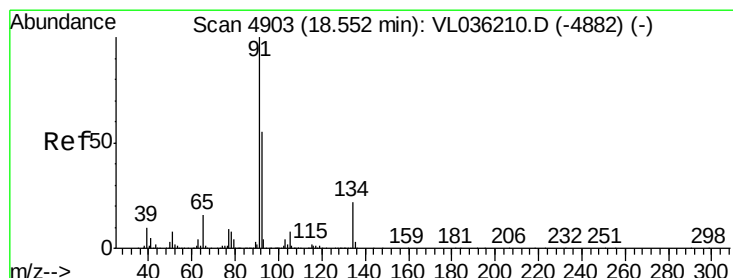
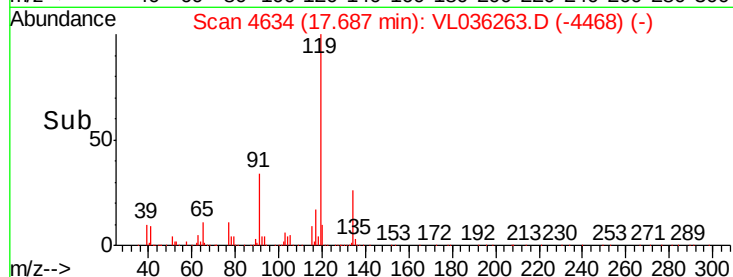
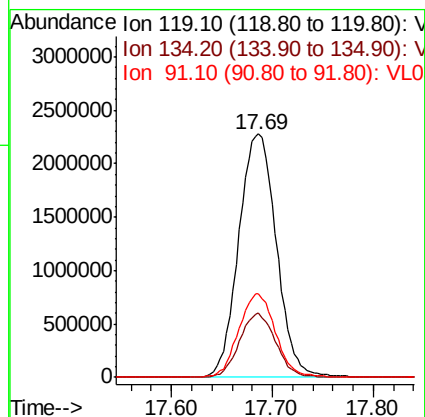
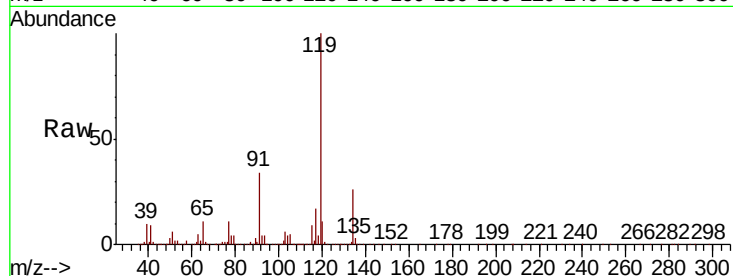




#69
 p-Isopropyltoluene
 Concen: 7.578 ppbv
 RT: 17.69 min Scan# 4634
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

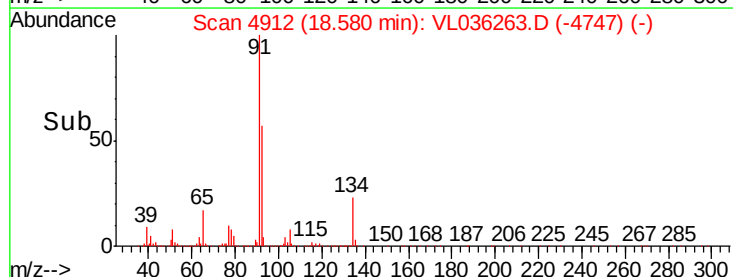
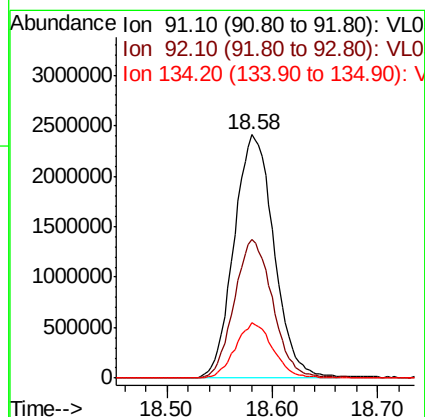
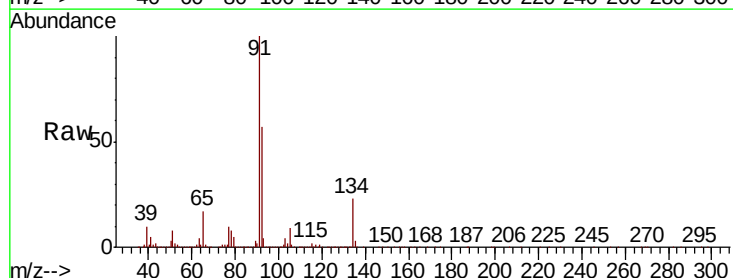
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

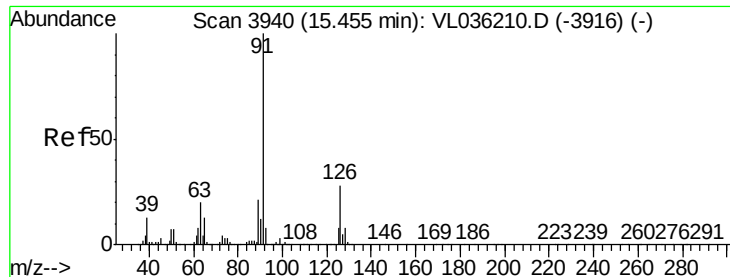
Tot Ion:119 Resp: 5885816
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.2 30.4
 91 33.4 26.0 39.0



#70
 n-Butylbenzene
 Concen: 7.638 ppbv
 RT: 18.58 min Scan# 4912
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion: 91 Resp: 6320721
 Ion Ratio Lower Upper
 91 100
 92 55.4 44.0 66.0
 134 21.5 17.0 25.4

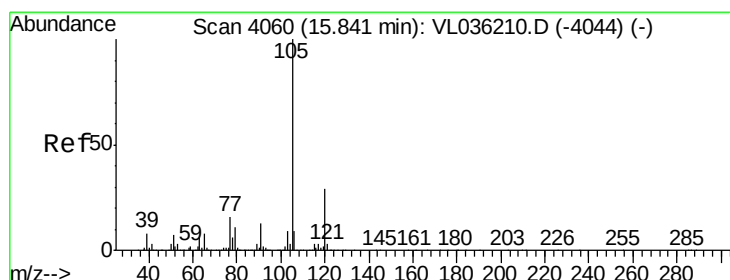
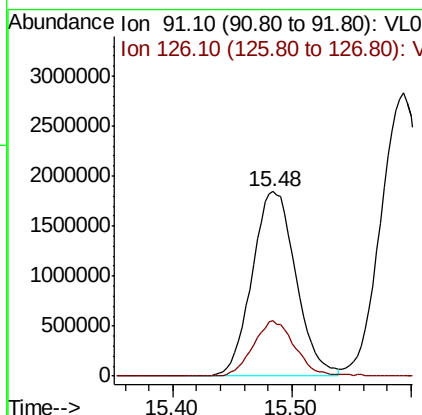
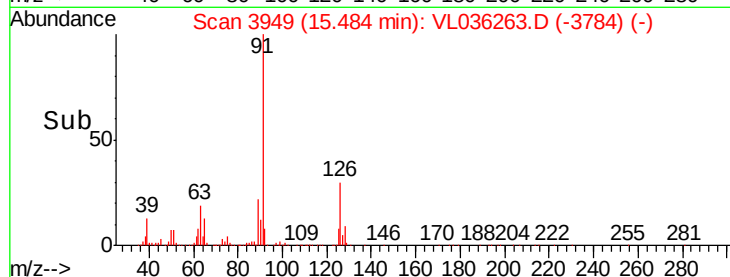
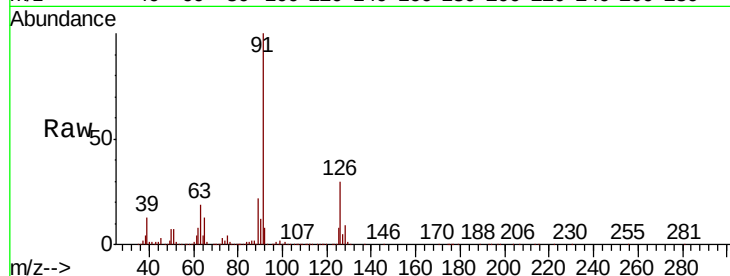




#71
2-Chlorotoluene
Concen: 7.662 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

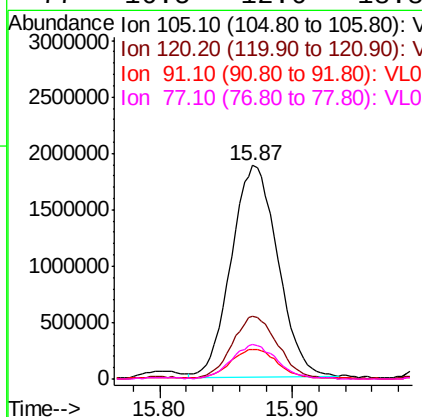
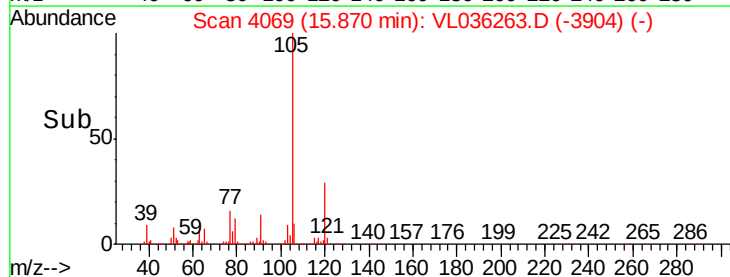
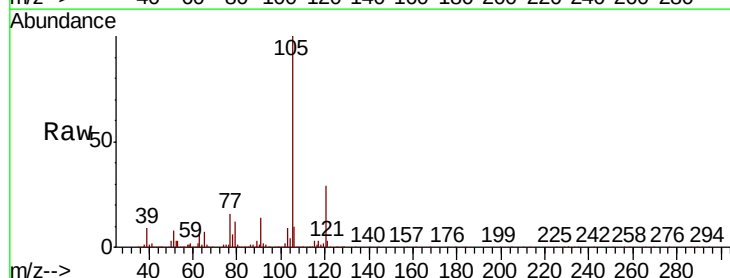
Instrument :
MSVOA_L
ClientSampleId :
VL0122ABS01

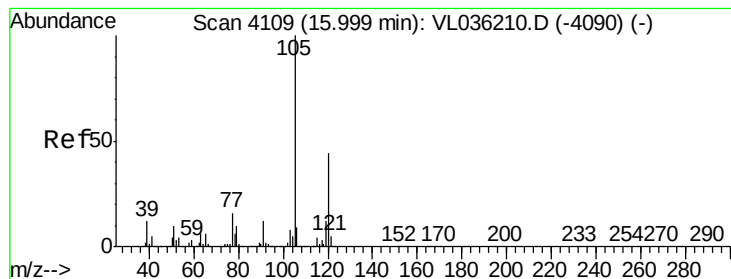
Tot Ion: 91 Resp: 4688878
Ion Ratio Lower Upper
91 100
126 29.2 11.5 45.9



#72
4-Ethyltoluene
Concen: 7.729 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. 0.03 min
Lab File: VL036263.D
Acq: 22 Jan 2021 11:55

Tgt Ion: 105 Resp: 4567362
Ion Ratio Lower Upper
105 100
120 29.5 23.7 35.5
91 14.2 11.9 17.9
77 16.5 12.6 18.8





#73

1,3,5-Trimethylbenzene

Concen: 7.652 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

MSVOA_L

ClientSampleId :

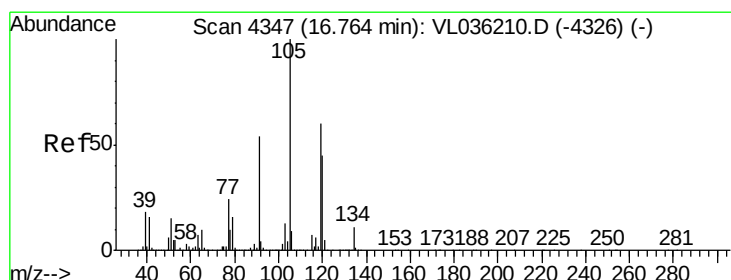
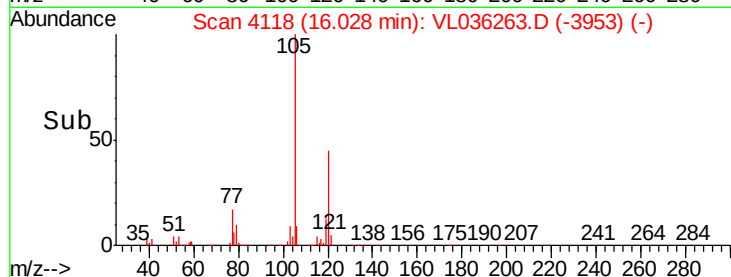
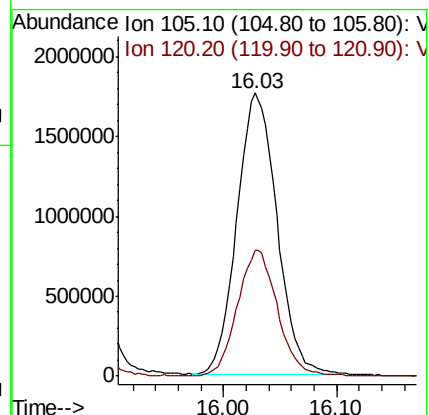
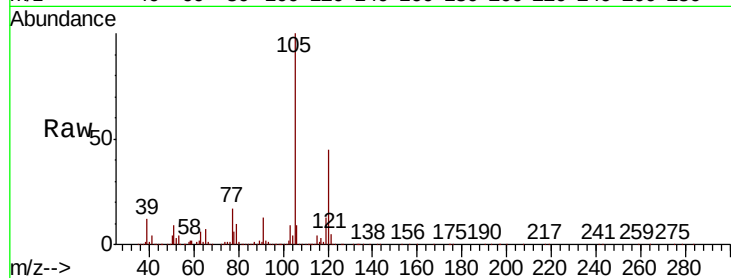
VL0122ABS01

Tot Ion:105 Resp: 4310202

Ion Ratio Lower Upper

105 100

120 44.9 35.5 53.3



#74

1,2,4-Trimethylbenzene

Concen: 7.613 ppbv

RT: 16.80 min Scan# 4357

Delta R.T. 0.03 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Tgt Ion:105 Resp: 4399055

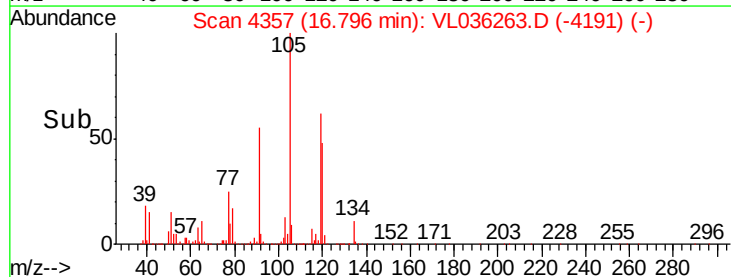
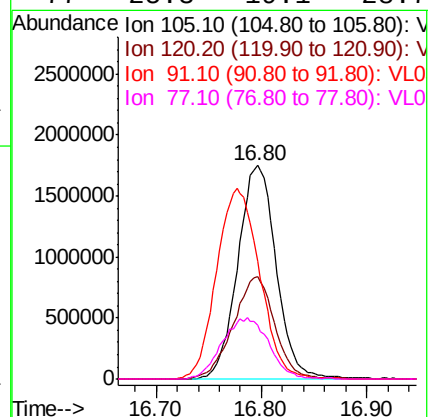
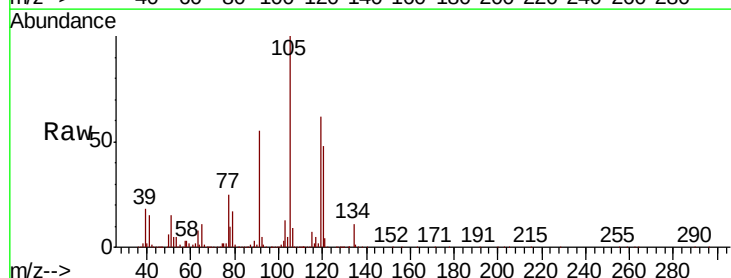
Ion Ratio Lower Upper

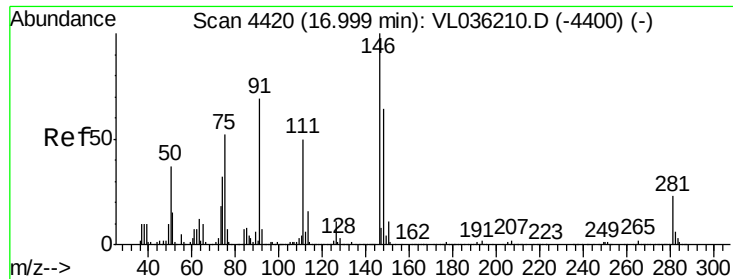
105 100

120 47.9 36.2 54.2

91 54.7 43.3 64.9

77 25.3 19.1 28.7

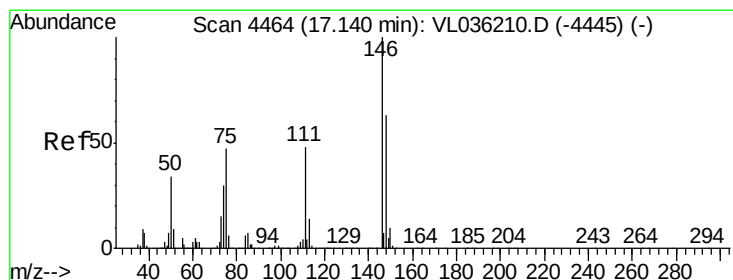
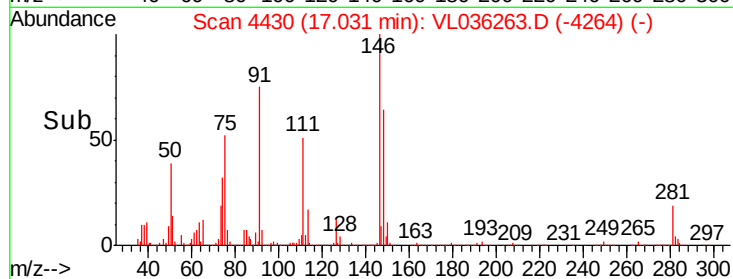
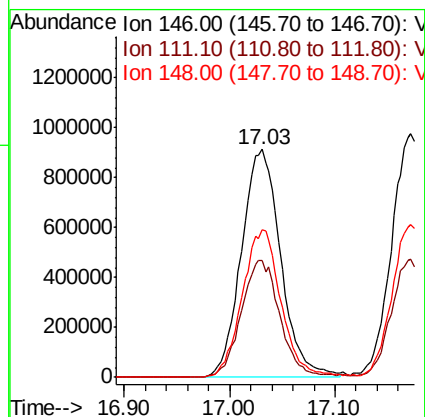
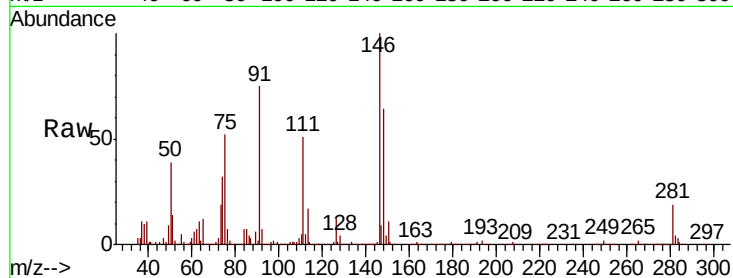




#75
 1,3-Dichlorobenzene
 Concen: 7.644 ppbv
 RT: 17.03 min Scan# 4430
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

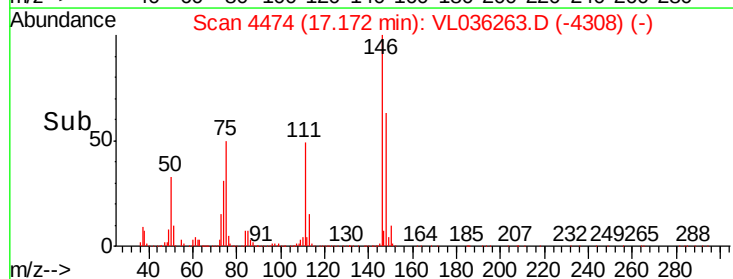
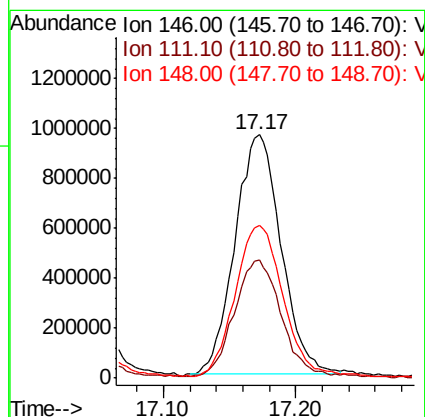
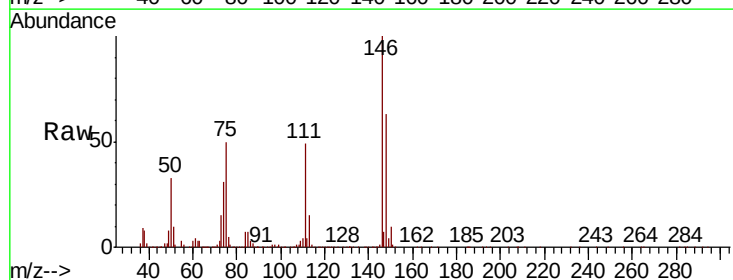
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

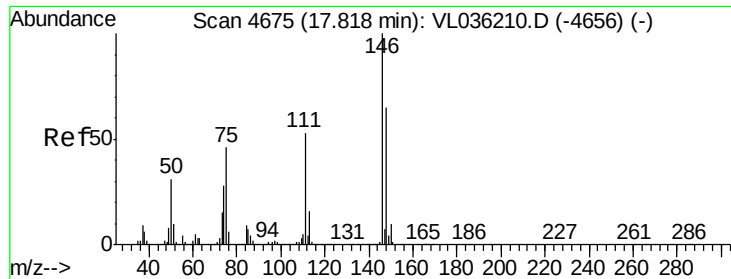
Tot Ion:146 Resp: 2368784
 Ion Ratio Lower Upper
 146 100
 111 51.0 25.5 76.5
 148 64.0 32.4 97.2



#76
 1,4-Dichlorobenzene
 Concen: 7.596 ppbv
 RT: 17.17 min Scan# 4474
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion:146 Resp: 2325721
 Ion Ratio Lower Upper
 146 100
 111 50.9 25.4 76.0
 148 67.5 33.3 99.9

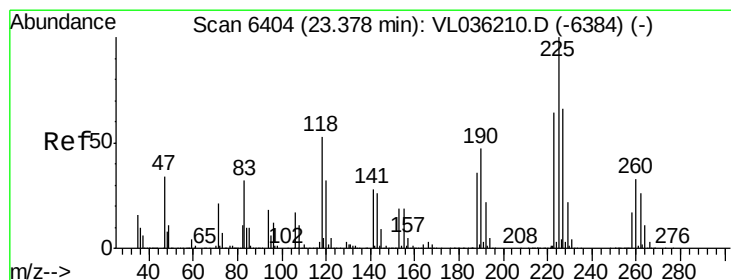
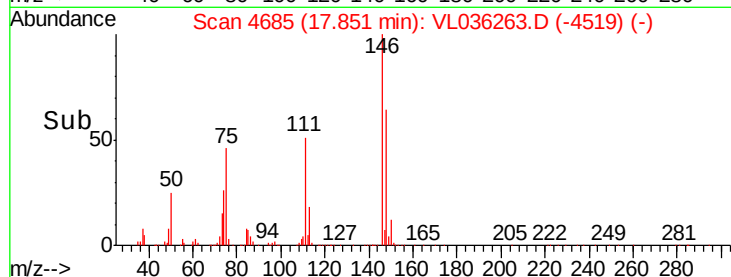
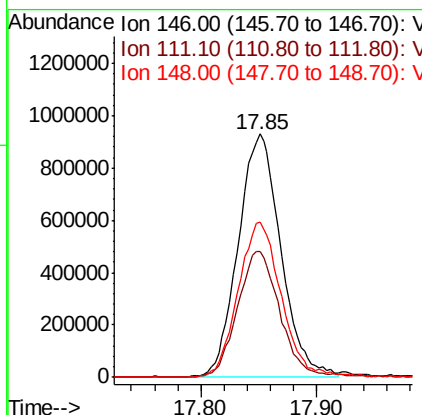
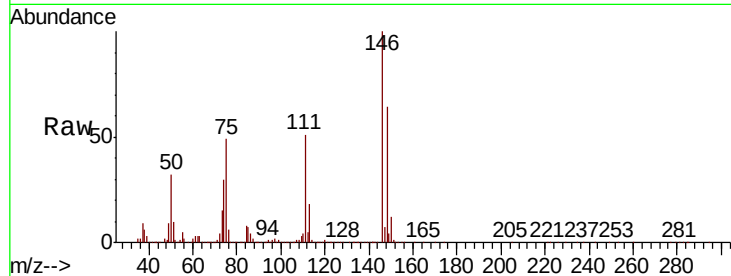




#77
 1,2-Dichlorobenzene
 Concen: 7.784 ppbv
 RT: 17.85 min Scan# 4685
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

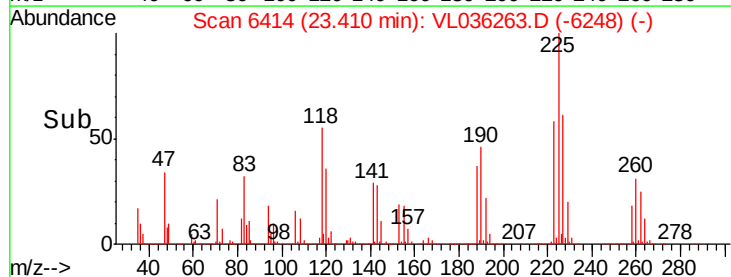
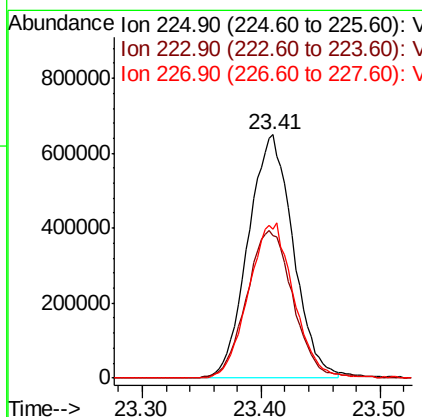
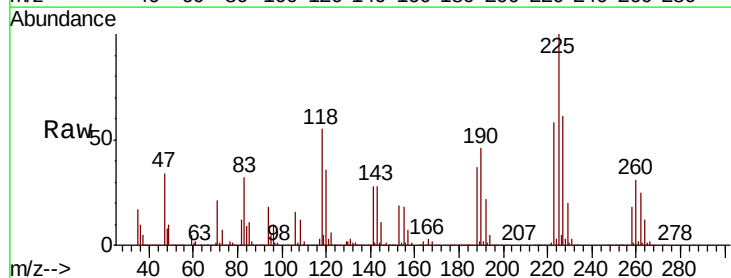
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

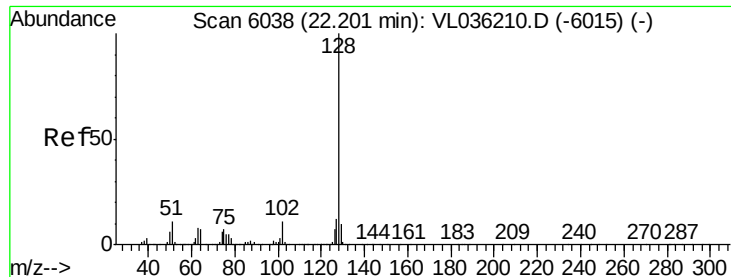
Tot Ion:146 Resp: 2356008
 Ion Ratio Lower Upper
 146 100
 111 52.3 26.5 79.4
 148 64.5 32.8 98.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.012 ppbv
 RT: 23.41 min Scan# 6414
 Delta R.T. 0.03 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Tgt Ion:225 Resp: 1697495
 Ion Ratio Lower Upper
 225 100
 223 62.9 50.5 75.7
 227 64.7 51.7 77.5





#79

Naphthalene

Concen: 9.643 ppbv

RT: 22.24 min Scan# 6049

Delta R.T. 0.04 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Instrument :

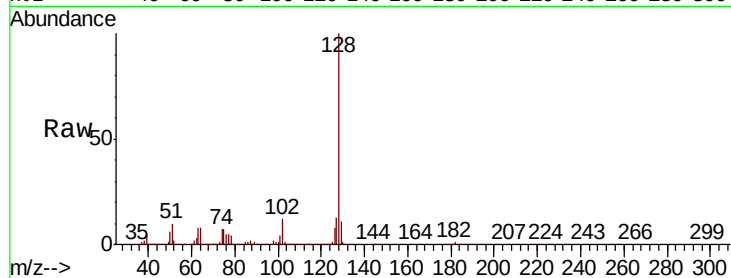
MSVOA_L

ClientSampleId :

VL0122ABS01

Tot Ion:128 Resp: 3257065

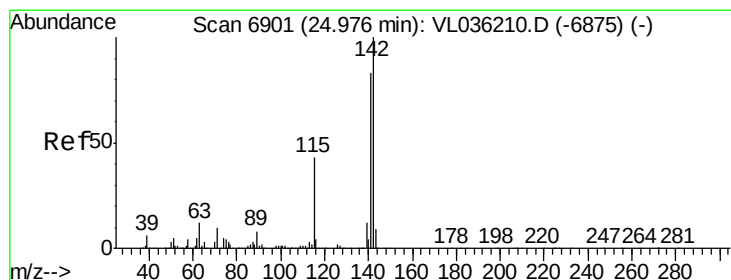
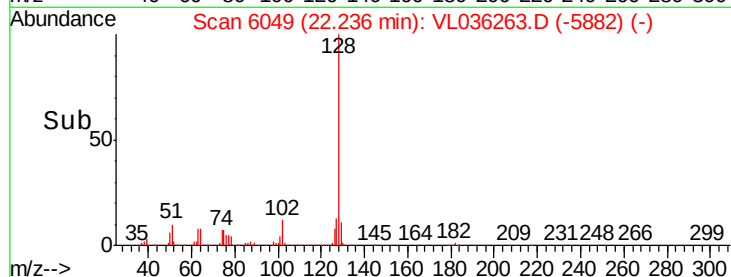
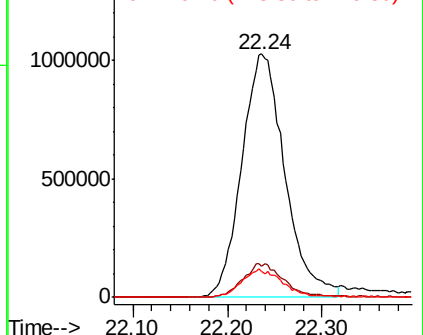
Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.9	14.9
129	10.5	8.4	12.6



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: 13.325 ppbv

RT: 25.00 min Scan# 6908

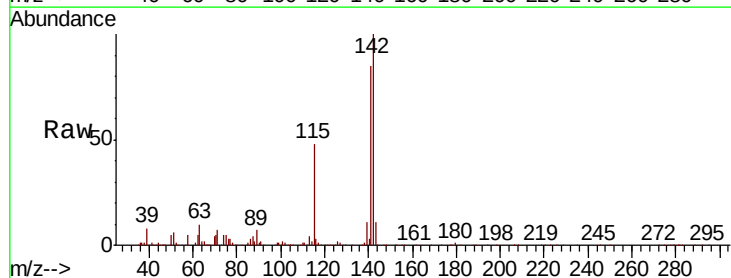
Delta R.T. 0.02 min

Lab File: VL036263.D

Acq: 22 Jan 2021 11:55

Tgt Ion:142 Resp: 960323

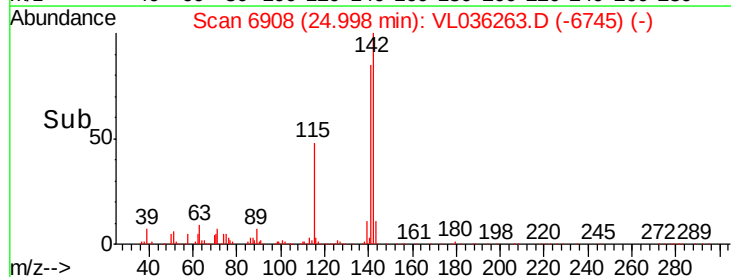
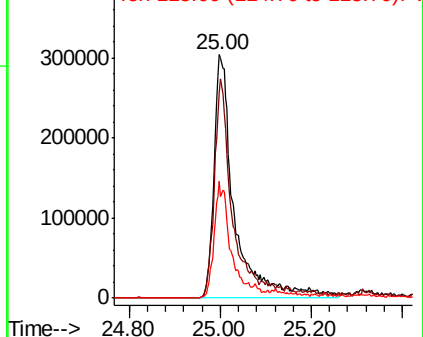
Ion	Ratio	Lower	Upper
142	100		
141	82.9	68.6	102.8
115	43.3	32.9	49.3

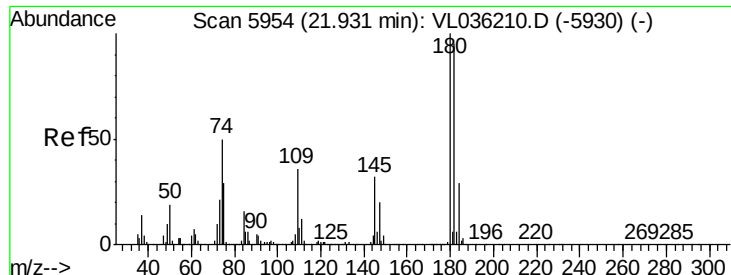


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

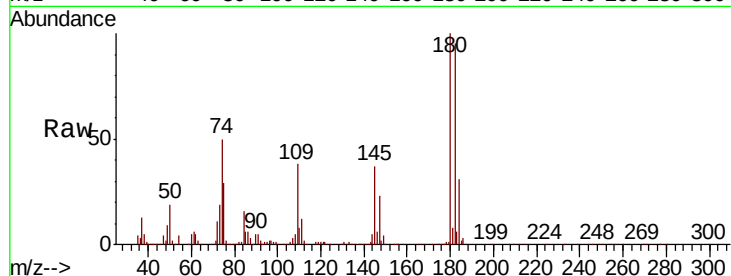




#81
 1,2,4-Trichlorobenzene
 Concen: 8.360 ppbv
 RT: 21.97 min Scan# 5965
 Delta R.T. 0.04 min
 Lab File: VL036263.D
 Acq: 22 Jan 2021 11:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0122ABS01

Tot Ion:180 Resp: 1648483
 Ion Ratio Lower Upper
 180 100
 182 99.8 79.9 119.9
 184 31.9 25.6 38.4



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

