

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036748.D
 Acq On : 8 Apr 2021 12:47
 Operator : SY/AP
 Sample : VL0408ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Quant Time: Apr 09 08:38:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1247021	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3127809	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2978003	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2318203	9.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1809369	8.896	ppbv 98
3) Chlorodifluoromethane	2.98	51	2311564	9.921	ppbv 100
4) Chloromethane	3.13	50	753165	9.152	ppbv 99
5) Vinyl Chloride	3.25	62	755042	8.923	ppbv 96
6) Bromomethane	3.47	94	394415	8.466	ppbv 97
7) Chloroethane	3.55	64	254334	8.747	ppbv 95
8) Dichlorotetrafluoroethane	3.18	85	1801471	9.280	ppbv 98
9) Propene	3.00	41	685669	9.231	ppbv 98
10) Heptane	8.12	43	1801054	9.518	ppbv 98
11) Trichlorofluoromethane	3.94	101	1836149	8.858	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1189802	8.978	ppbv 99
13) Ethanol	3.60	45	76696	8.671	ppbv 98
14) Bromoethene	3.74	108	500437	9.083	ppbv 99
15) Acetone	3.84	43	977707	7.966	ppbv 98
16) 1,3-Butadiene	3.32	39	789167	9.236	ppbv 98
17) tert-Butyl alcohol	4.29	59	1024615	9.590	ppbv 100
18) 1,1-Dichloroethene	4.28	96	511839	8.683	ppbv 93
19) Isopropyl Alcohol	3.96	45	586383	8.685	ppbv 98
20) Methylene Chloride	4.34	84	443455	7.717	ppbv 93
21) Allyl Chloride	4.40	41	837956	8.565	ppbv 97
22) trans-1,2-Dichloroethene	4.88	96	503720	9.217	ppbv 97
23) Vinyl Acetate	5.07	43	1818250	8.661	ppbv 99
24) 1,1-Dichloroethane	5.00	63	1381085	9.025	ppbv 98
25) Ethyl Acetate	5.67	43	2695584	9.238	ppbv 99
26) Hexane	5.68	57	1255428	9.271	ppbv 99
27) Carbon Disulfide	4.54	76	1292603	9.690	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1426344	8.932	ppbv 99
29) Chloroform	5.74	83	2036490	9.404	ppbv 100
30) Cyclohexane	7.12	84	553426	5.039	ppbv # 1
31) cis-1,2-Dichloroethene	5.54	61	1230483	9.395	ppbv 97
32) 1,1,1-Trichloroethane	6.51	97	2059698	9.437	ppbv 99
34) 2-Butanone	5.24	43	1258372	8.242	ppbv 98
35) Carbon Tetrachloride	7.01	117	2187552	9.106	ppbv 96
36) Benzene	6.89	78	2689153	9.322	ppbv 100
37) 1,2-Dichloroethane	6.30	62	1541041	9.077	ppbv 99
38) Trichloroethene	7.83	130	986935	8.791	ppbv 99
39) 1,2-Dichloropropane	7.61	63	1050104	8.974	ppbv 94
40) 1,4-Dioxane	7.83	88	106388	3.906	ppbv # 1
41) Tetrahydrofuran	6.05	42	527772	7.497	ppbv 92
42) Bromodichloromethane	7.79	83	2175043	9.418	ppbv 99
43) Methyl Methacrylate	8.01	69	1002292	10.347	ppbv 98

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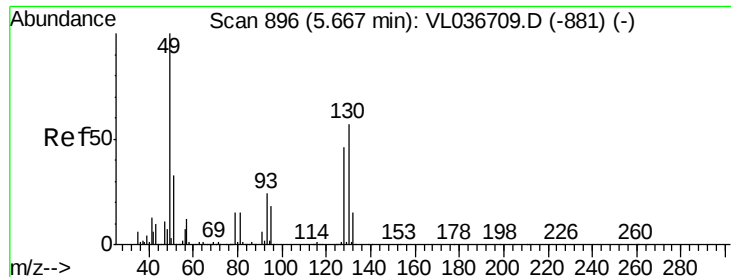
Instrument :
 MSVOA_L
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Quant Time: Apr 09 08:38:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4564602	8.991	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	964372	8.719	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	1231619	8.711	ppbv	96
47) 1,1,2-Trichloroethane	9.47	97	1106409	9.335	ppbv	97
48) Dibromochloromethane	10.30	129	1802082	9.974	ppbv	100
49) Bromoform	13.04	173	1507458	10.355	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1957396	8.860	ppbv	99
51) 2-Hexanone	10.14	43	1015077	9.105	ppbv #	99
52) Tetrachloroethene	11.22	164	914966	8.614	ppbv	99
53) Toluene	9.80	91	3038160	9.890	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1582604	9.455	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1280097	9.504	ppbv	95
57) Chlorobenzene	12.14	112	2295413	9.059	ppbv	97
58) Ethyl Benzene	12.71	91	4135340	9.545	ppbv	99
59) m/p-Xylene	12.99	91	3669505	9.710	ppbv #	37
60) o-Xylene	13.69	91	3318436	9.082	ppbv	100
61) Styrene	13.52	104	1794794	9.764	ppbv	100
62) Isopropylbenzene	14.66	105	4627328	9.404	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2457807	8.818	ppbv	99
64) n-propylbenzene	15.56	120	1202817	9.998	ppbv	99
65) tert-Butylbenzene	16.74	119	4038750	9.466	ppbv	100
66) Benzyl Chloride	16.99	91	306856	6.506	ppbv	98
67) sec-Butylbenzene	17.29	105	5680746	9.432	ppbv	99
69) p-Isopropyltoluene	17.65	119	4699737	9.993	ppbv	99
70) n-Butylbenzene	18.55	91	4792029	9.827	ppbv	100
71) 2-Chlorotoluene	15.45	91	3578536	9.705	ppbv	99
72) 4-Ethyltoluene	15.84	105	3902578	9.747	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	3521763	9.424	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3699719	9.252	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	2171462	9.647	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2108737	9.436	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2132230	10.077	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	1662922	8.776	ppbv	99
79) Naphthalene	22.20	128	2568751	11.008	ppbv	100
80) Naphthalene, 2-methyl-	24.98	142	365255	7.938	ppbv	97
81) 1,2,4-Trichlorobenzene	21.93	180	1571864	10.910	ppbv	99

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

[illegible]



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

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VL0408ABS01

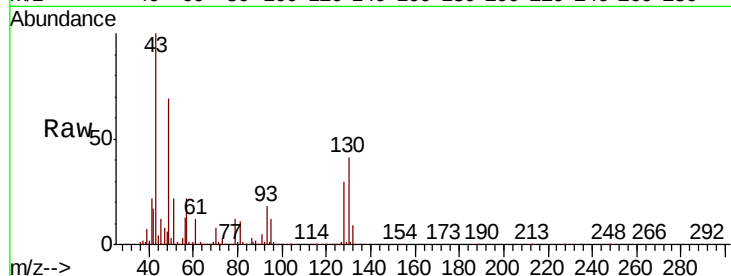
Tot Ion: 49 Resp: 1247021

Ion Ratio Lower Upper

49 100

128 48.6 23.5 70.6

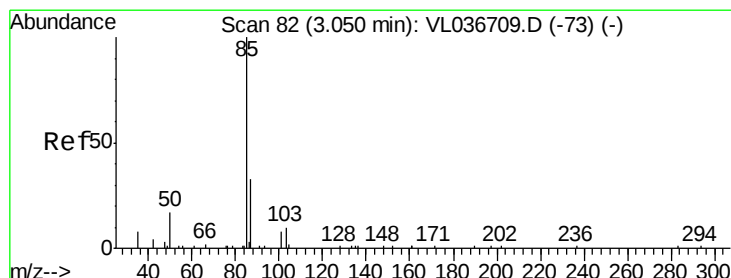
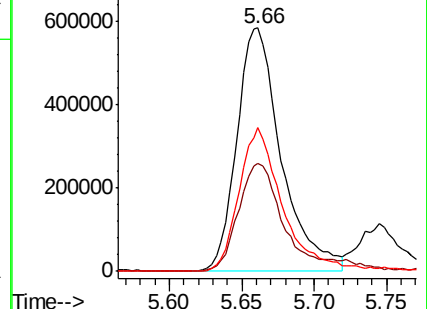
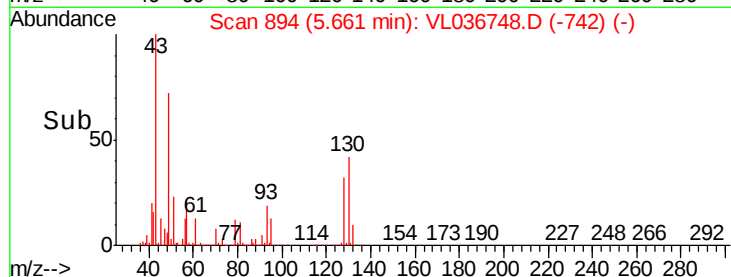
130 58.8 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 8.896 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL036748.D

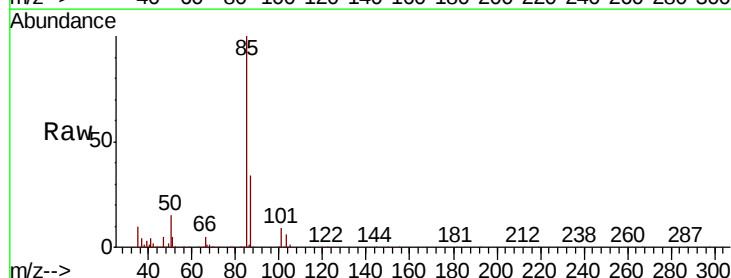
Acq: 8 Apr 2021 12:47

Tgt Ion: 85 Resp: 1809369

Ion Ratio Lower Upper

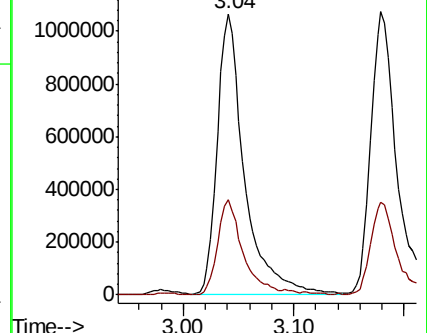
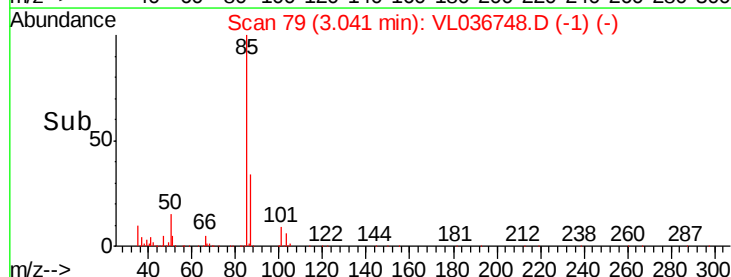
85 100

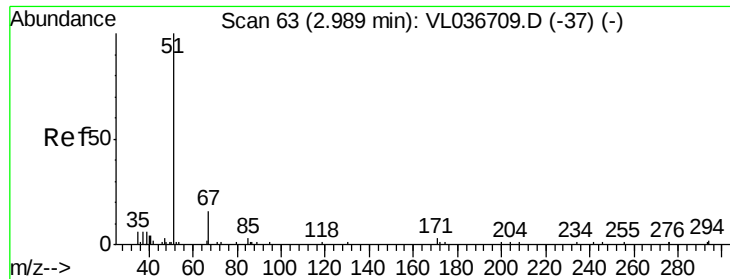
87 33.8 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

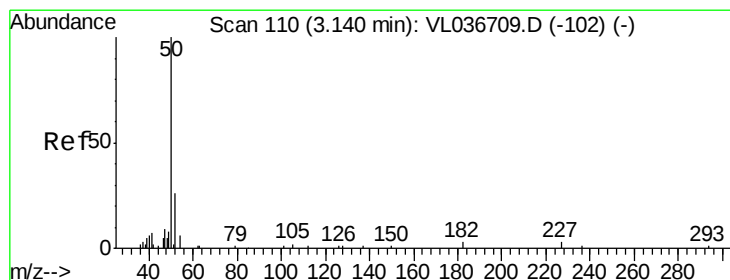
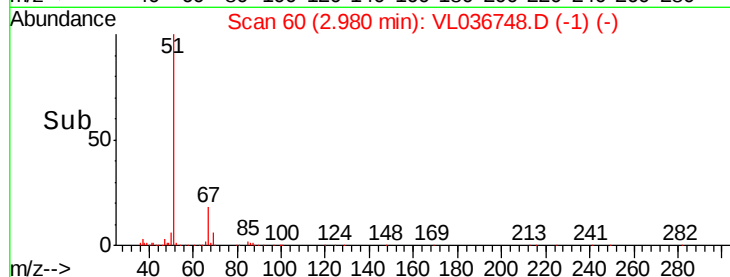
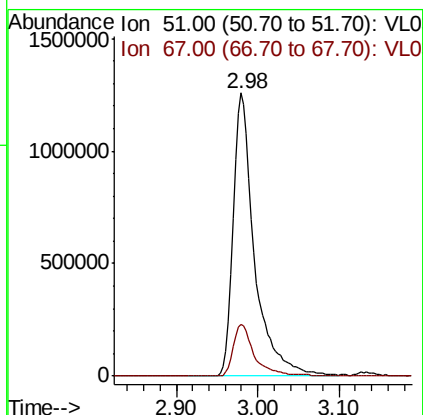
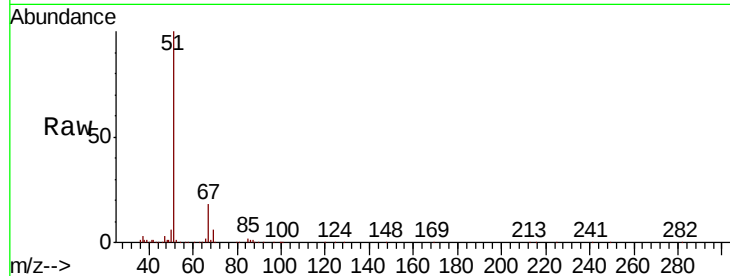




#3
Chlorodifluoromethane
Concen: 9.921 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

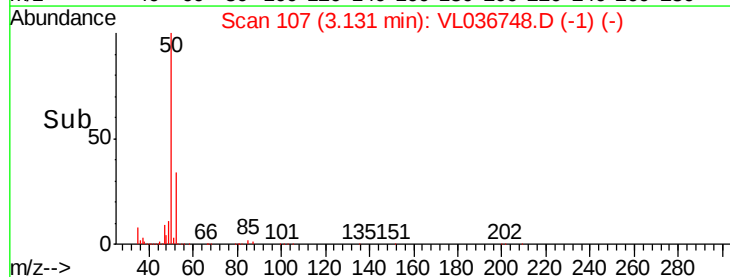
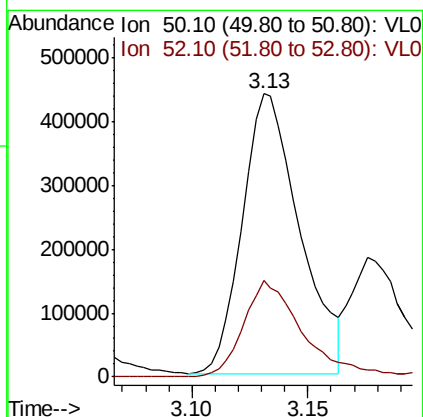
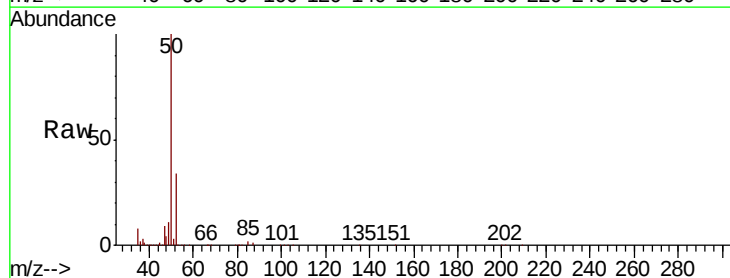
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

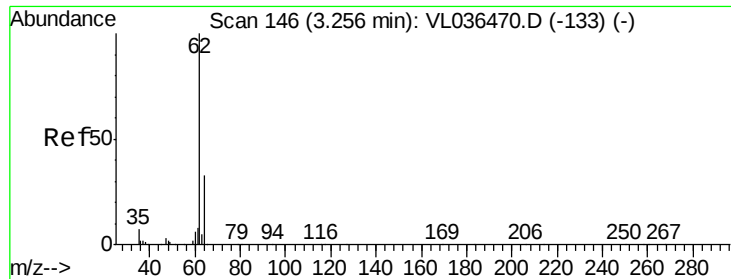
Tot Ion: 51 Resp: 2311564
Ion Ratio Lower Upper
51 100
67 18.4 14.7 22.1



#4
Chloromethane
Concen: 9.152 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion: 50 Resp: 753165
Ion Ratio Lower Upper
50 100
52 34.5 27.0 40.6





#5

Vinyl Chloride

Concen: 8.923 ppbv

RT: 3.25 min Scan# 143

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

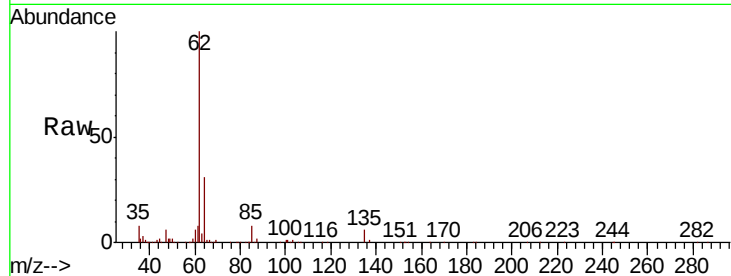
VL0408ABS01

Tot Ion: 62 Resp: 755042

Ion Ratio Lower Upper

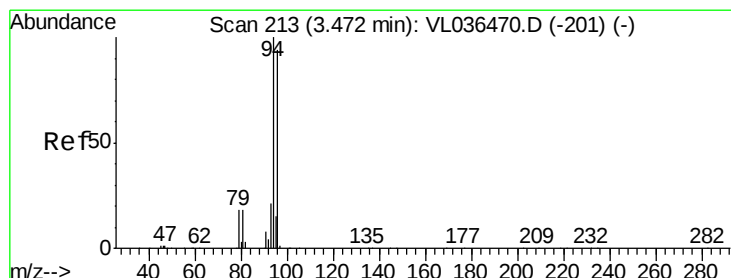
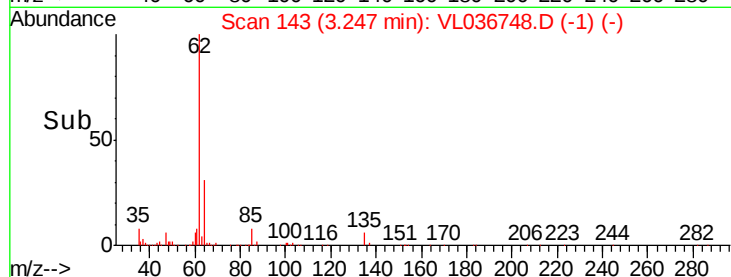
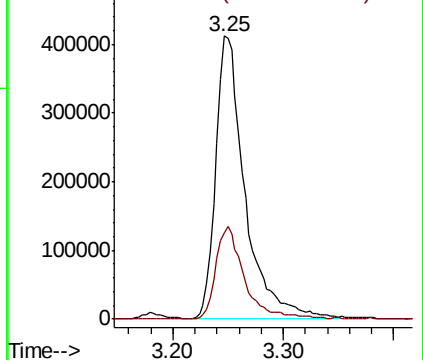
62 100

64 30.6 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.466 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL036748.D

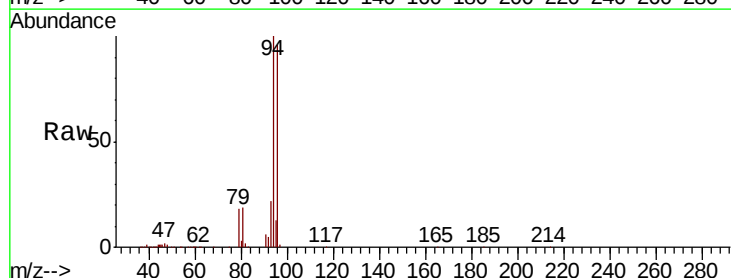
Acq: 8 Apr 2021 12:47

Tgt Ion: 94 Resp: 394415

Ion Ratio Lower Upper

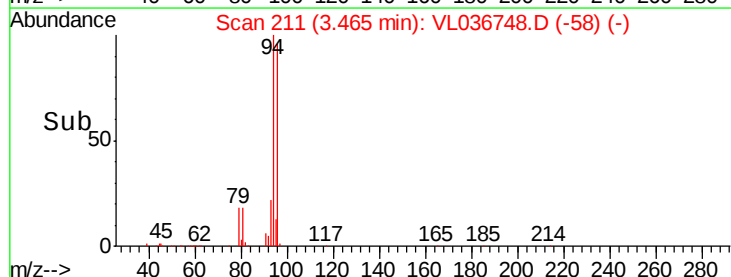
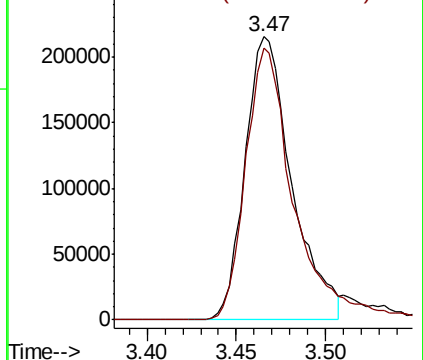
94 100

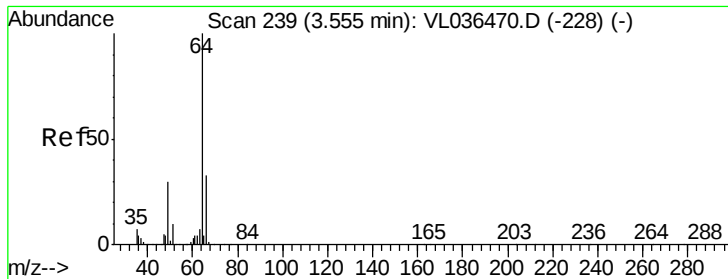
96 96.3 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.747 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.00 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

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ClientSampleId :

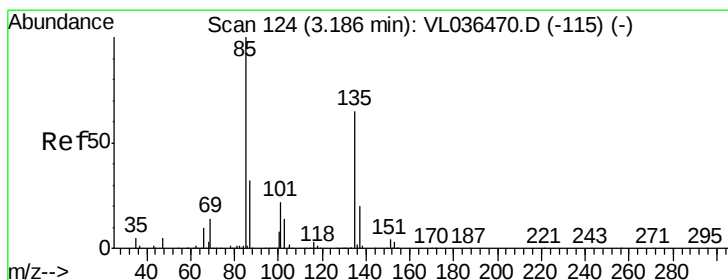
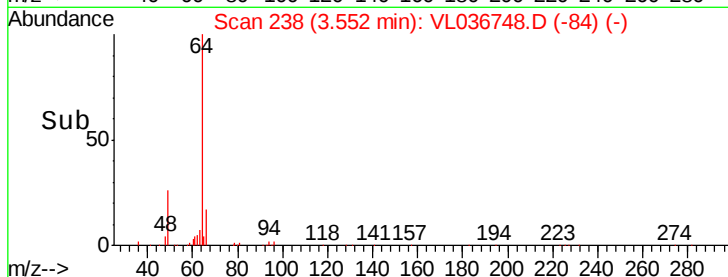
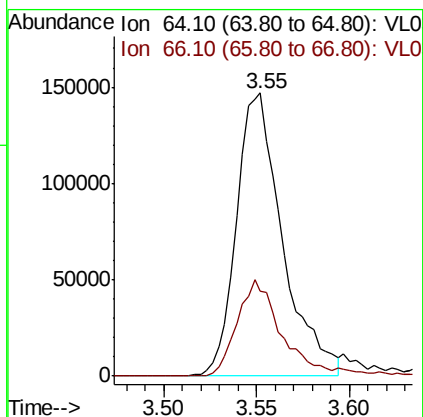
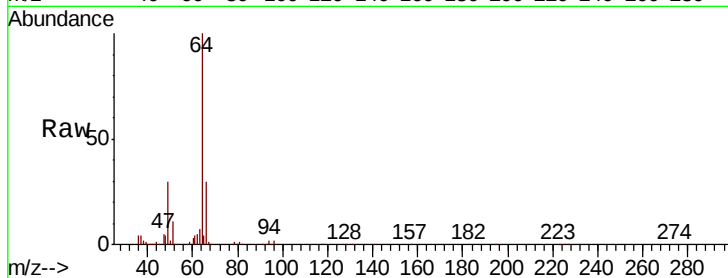
VL0408ABS01

Tot Ion: 64 Resp: 254334

Ion Ratio Lower Upper

64 100

66 29.8 26.2 39.2



#8

Dichlorotetrafluoroethane

Concen: 9.280 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.01 min

Lab File: VL036748.D

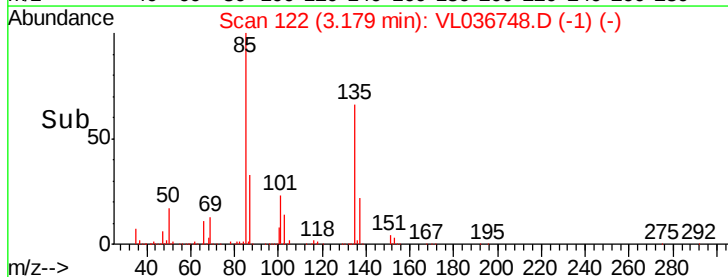
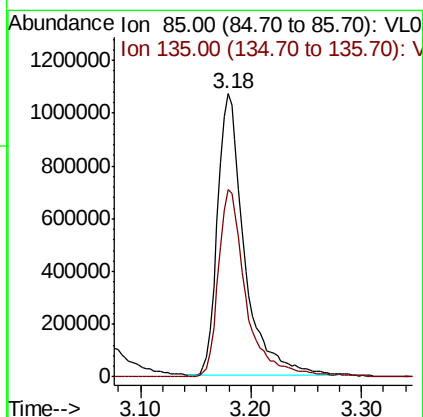
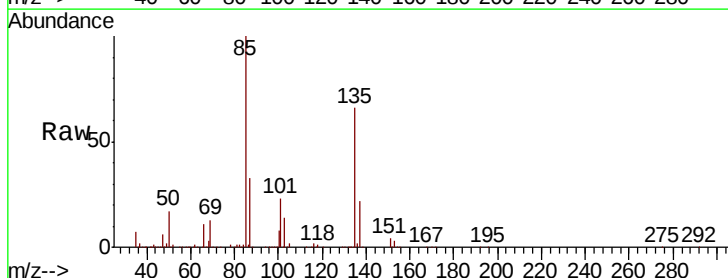
Acq: 8 Apr 2021 12:47

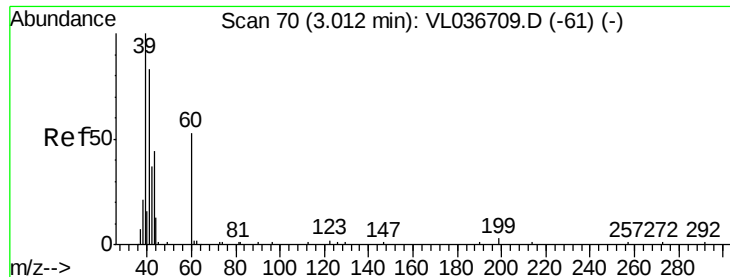
Tgt Ion: 85 Resp: 1801471

Ion Ratio Lower Upper

85 100

135 69.2 54.3 81.5





#9

Propene

Concen: 9.231 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

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ClientSampleId :

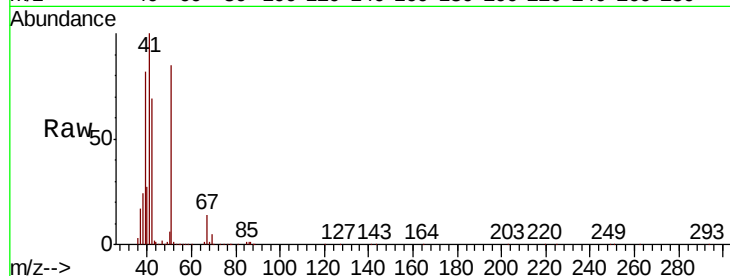
VL0408ABS01

Tot Ion: 41 Resp: 685669

Ion Ratio Lower Upper

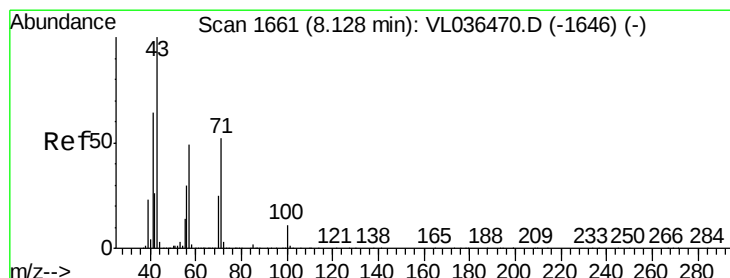
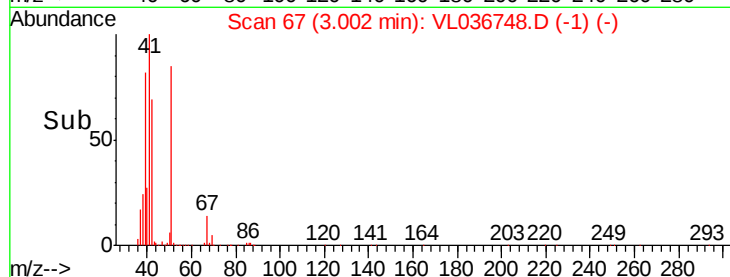
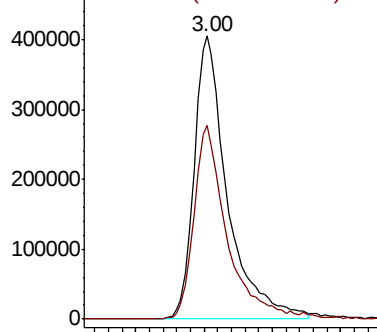
41 100

42 69.2 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 9.518 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL036748.D

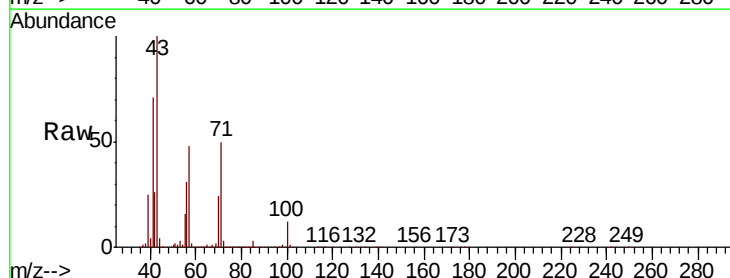
Acq: 8 Apr 2021 12:47

Tgt Ion: 43 Resp: 1801054

Ion Ratio Lower Upper

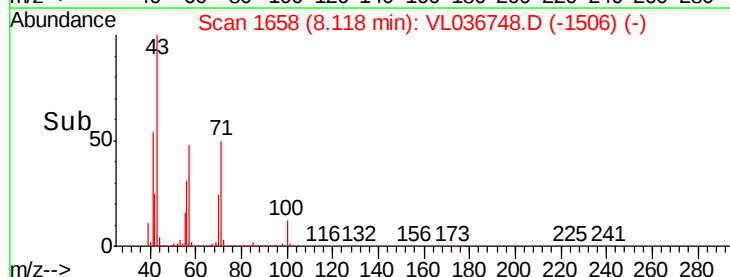
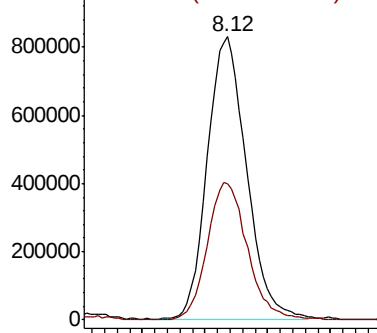
43 100

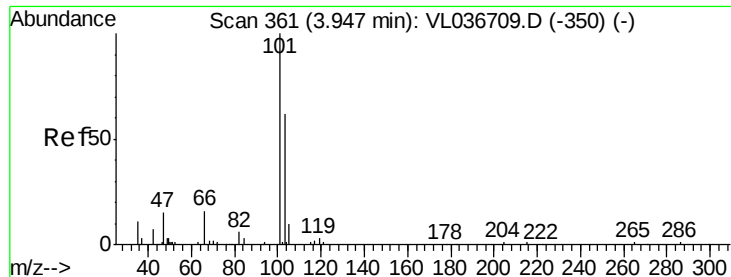
57 49.9 39.0 58.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

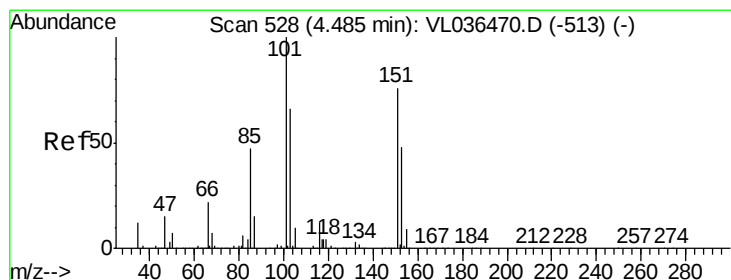
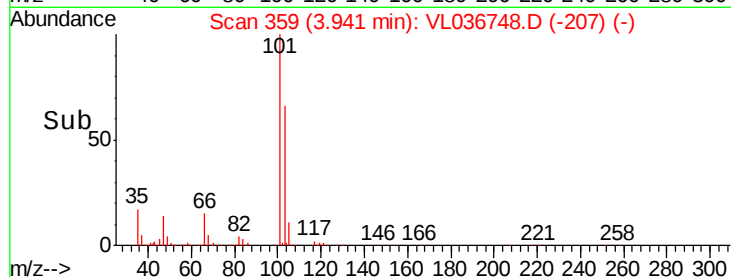
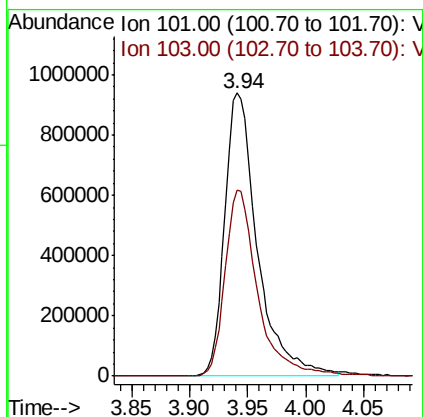
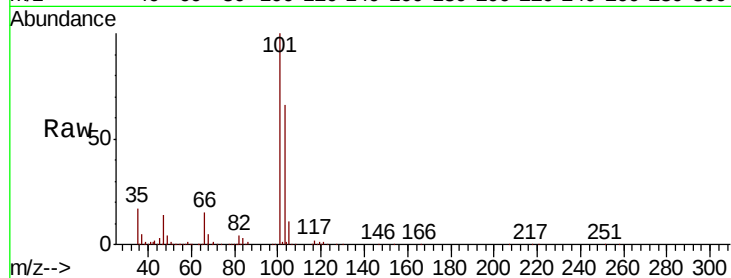




#11
 Trichlorofluoromethane
 Concen: 8.858 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

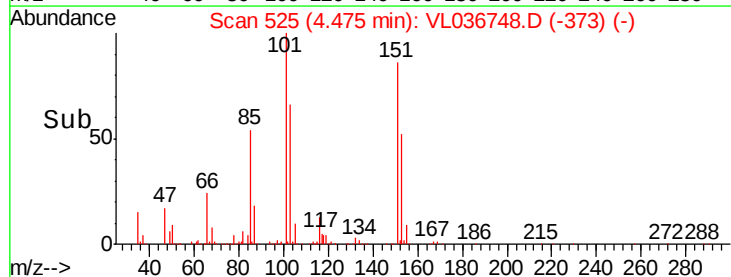
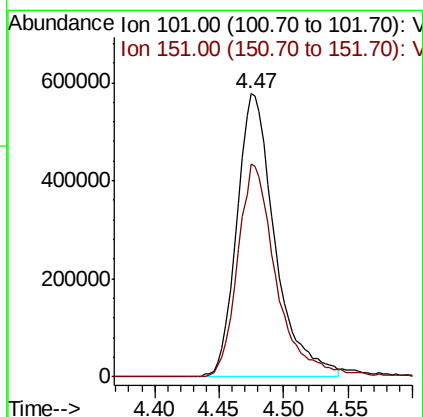
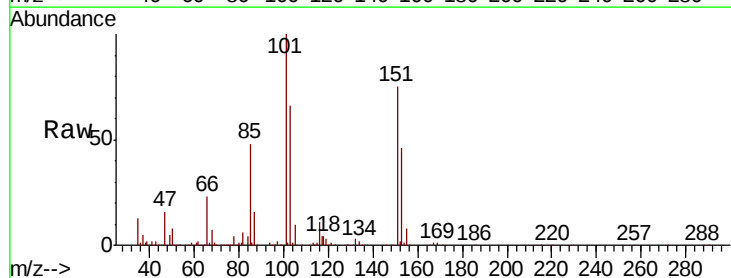
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

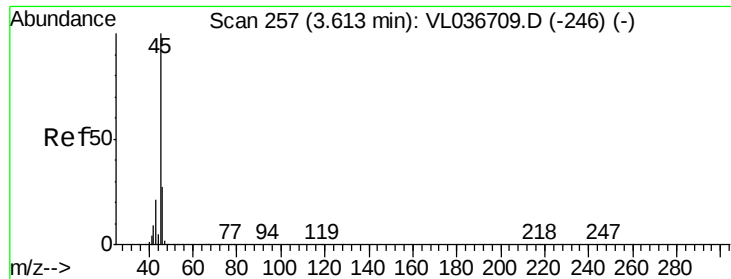
Tot Ion:101 Resp: 1836149
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.978 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion:101 Resp: 1189802
 Ion Ratio Lower Upper
 101 100
 151 76.7 60.9 91.3





#13

Ethanol

Concen: 8.671 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

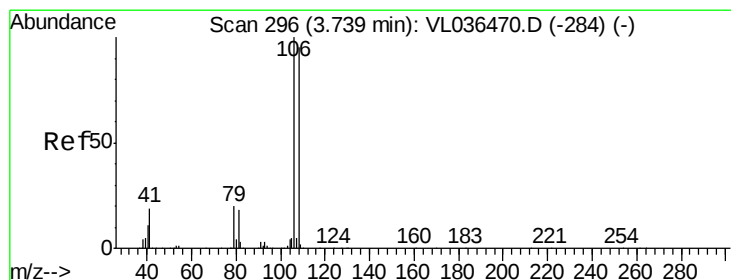
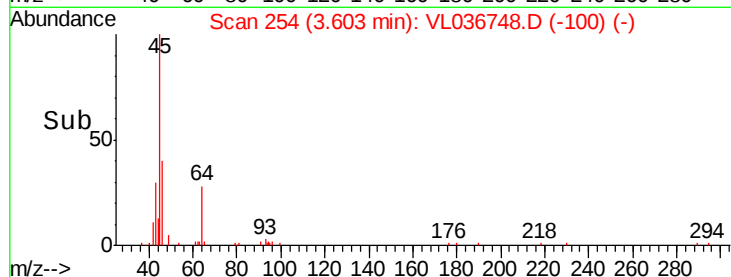
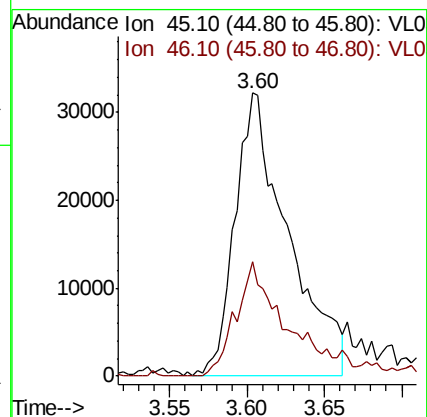
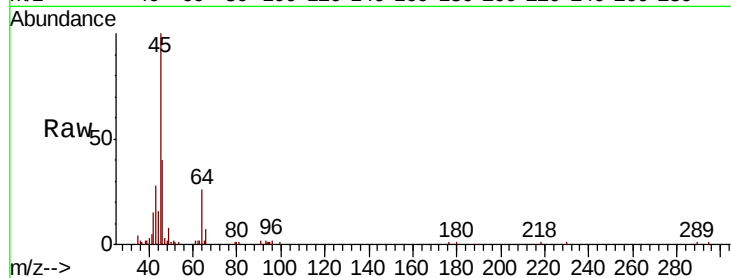
VL0408ABS01

Tot Ion: 45 Resp: 76696

Ion Ratio Lower Upper

45 100

46 42.7 16.6 66.2



#14

Bromoethene

Concen: 9.083 ppbv

RT: 3.74 min Scan# 295

Delta R.T. -0.00 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

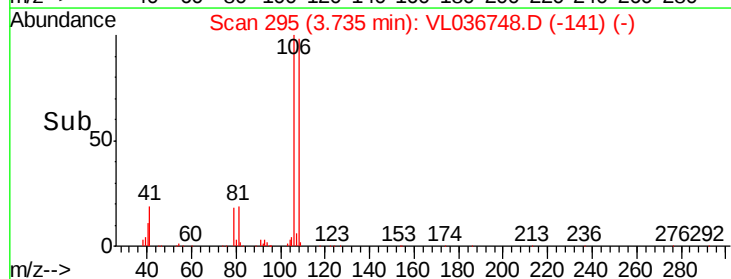
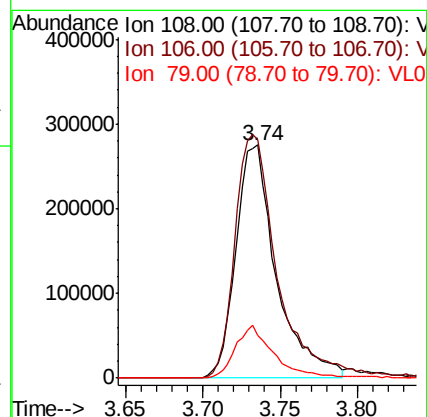
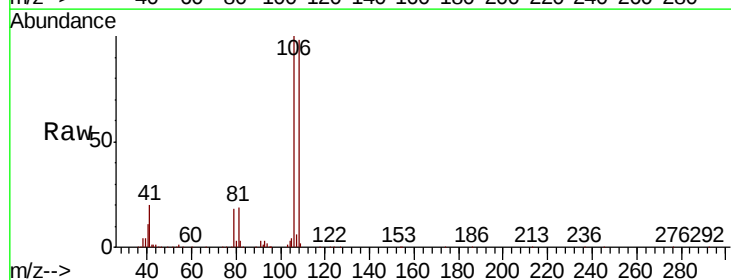
Tgt Ion: 108 Resp: 500437

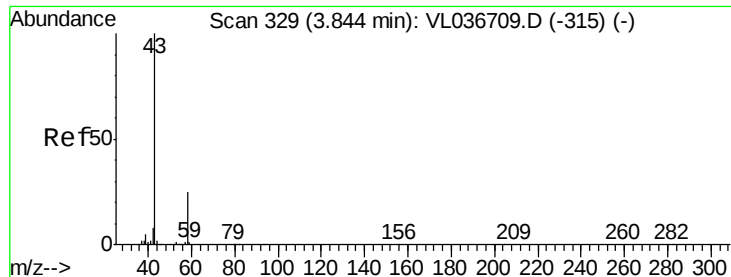
Ion Ratio Lower Upper

108 100

106 111.7 89.0 133.6

79 22.6 16.6 25.0





#15

Acetone

Concen: 7.966 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

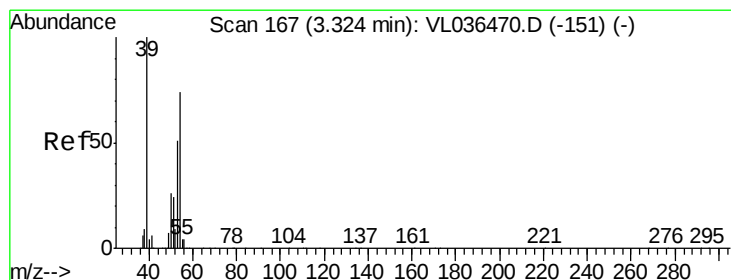
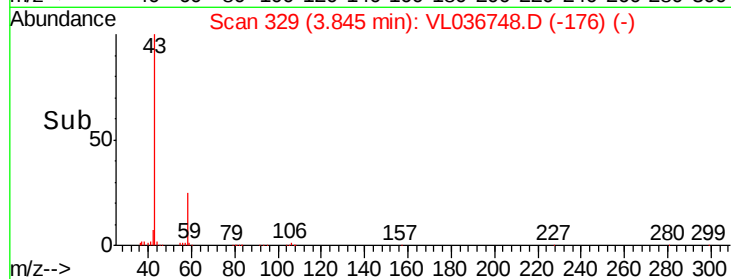
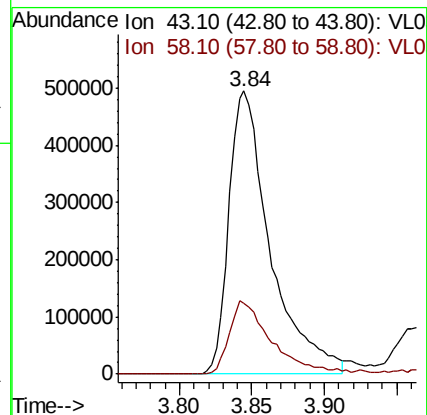
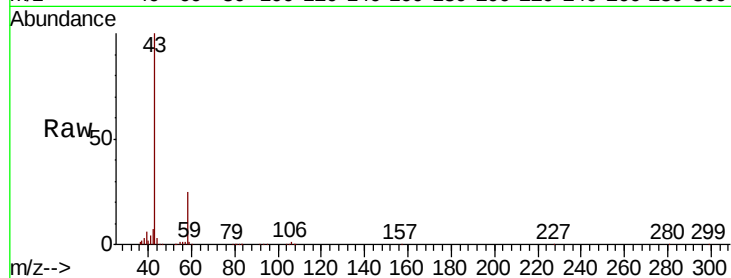
VL0408ABS01

Tot Ion: 43 Resp: 977707

Ion Ratio Lower Upper

43 100

58 27.4 21.2 31.8



#16

1,3-Butadiene

Concen: 9.236 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.01 min

Lab File: VL036748.D

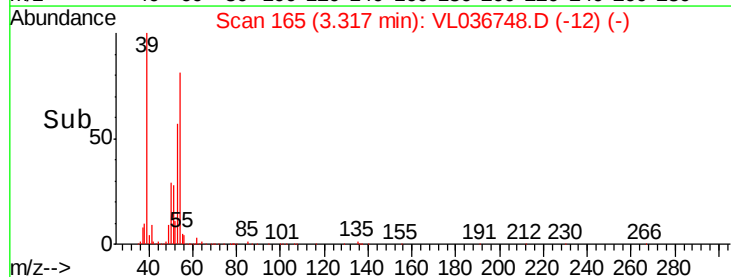
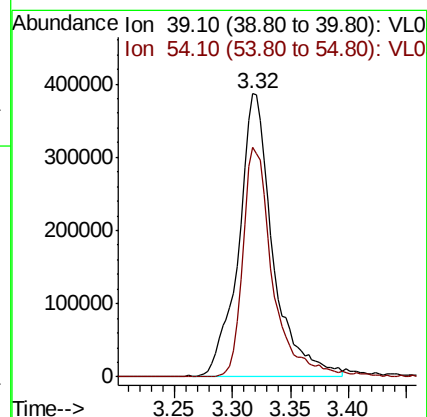
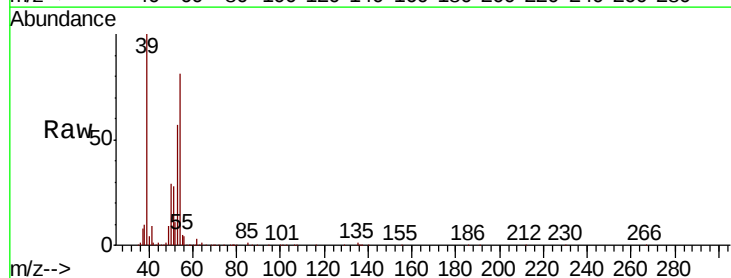
Acq: 8 Apr 2021 12:47

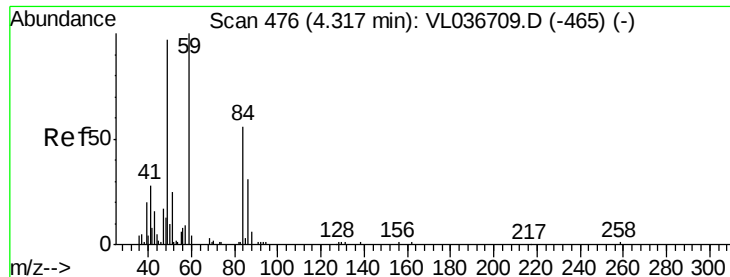
Tgt Ion: 39 Resp: 789167

Ion Ratio Lower Upper

39 100

54 71.5 58.8 88.2



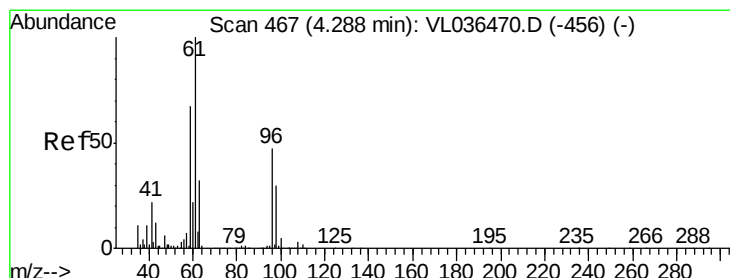
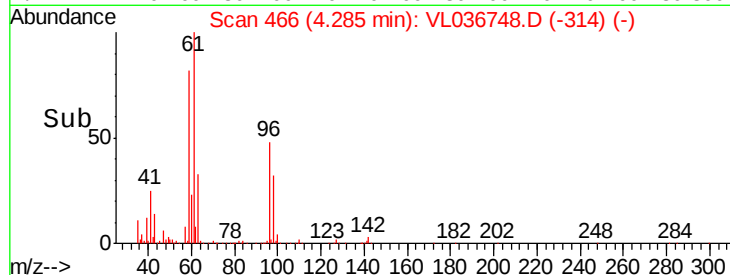
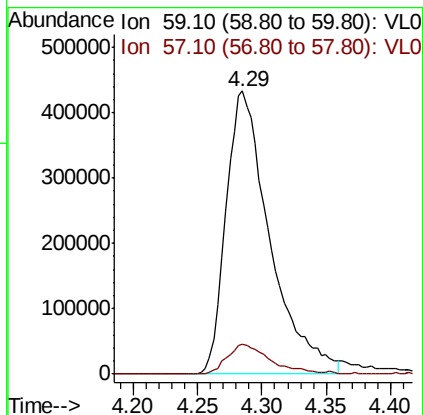
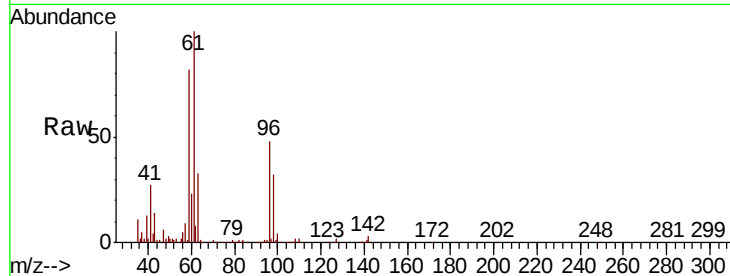


#17

tert-Butyl alcohol
 Concen: 9.590 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

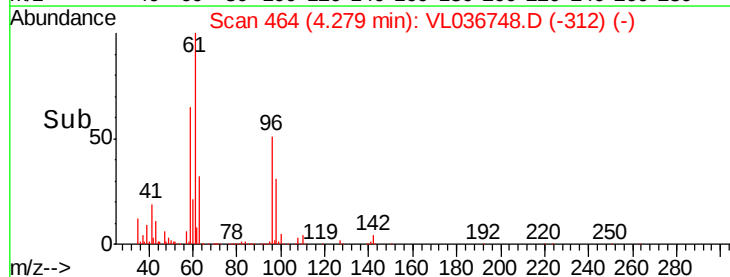
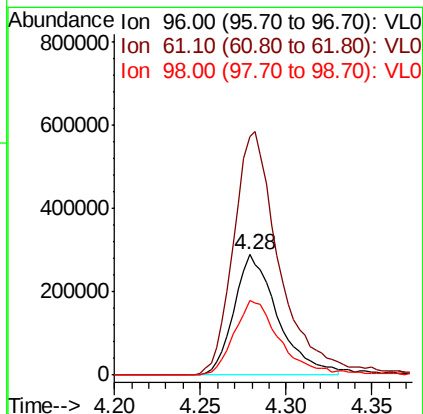
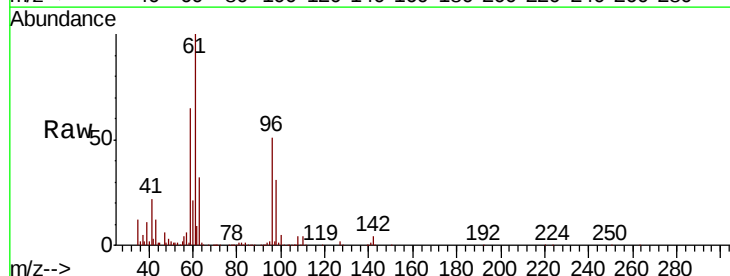
Tot Ion: 59 Resp: 1024615
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 12.8

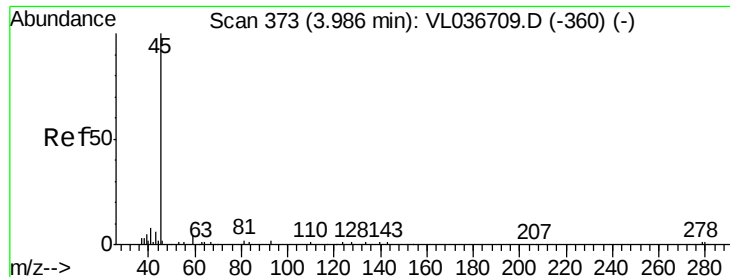


#18

1,1-Dichloroethene
 Concen: 8.683 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 96 Resp: 511839
 Ion Ratio Lower Upper
 96 100
 61 197.7 168.6 253.0
 98 61.6 50.8 76.2



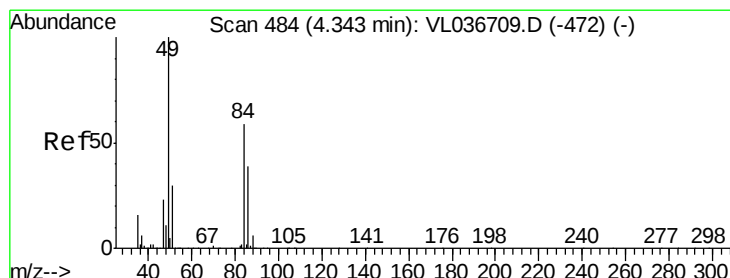
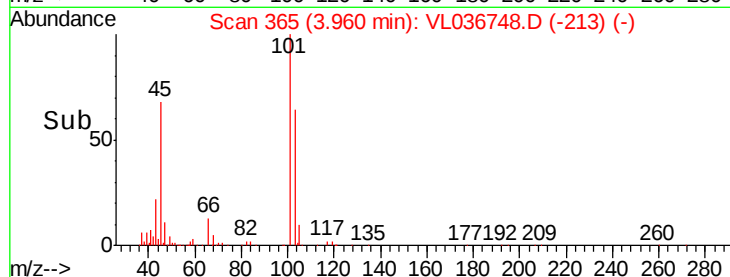
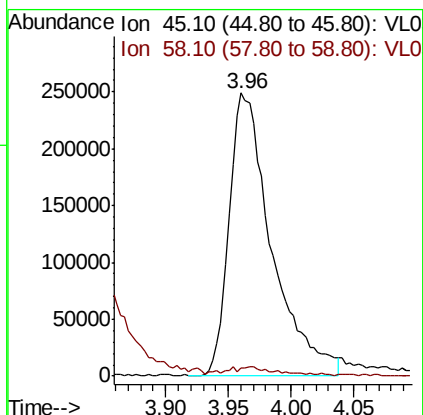
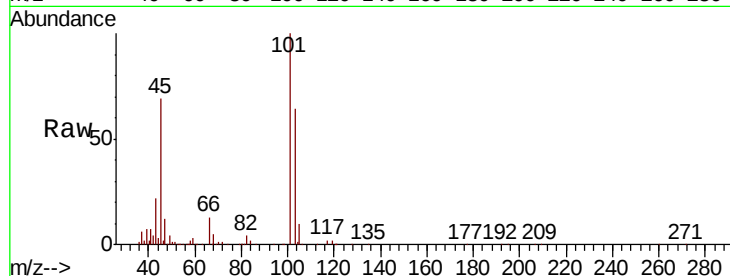


#19

Isopropyl Alcohol
 Concen: 8.685 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

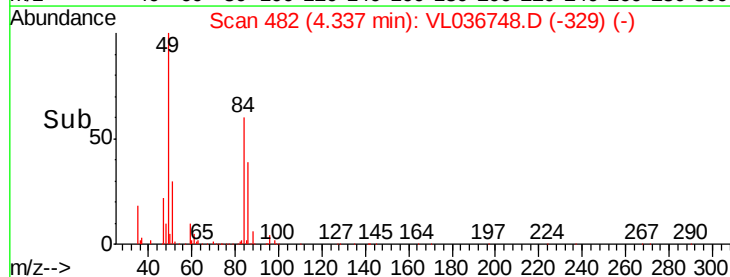
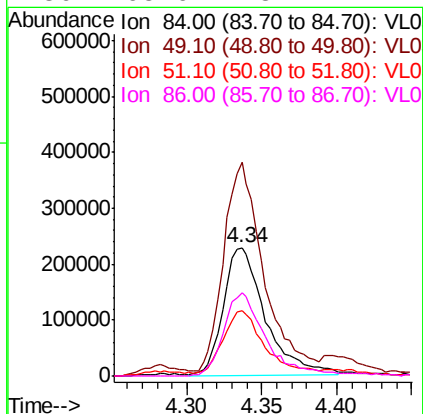
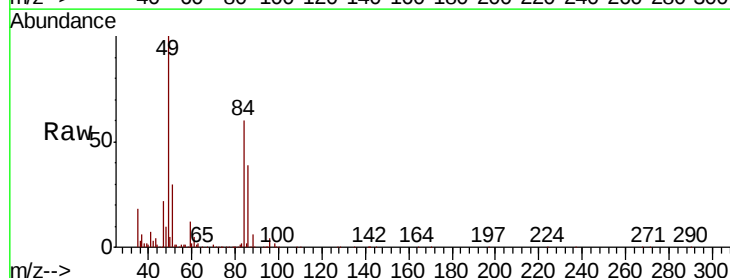
Tot Ion: 45 Resp: 586383
 Ion Ratio Lower Upper
 45 100
 58 4.3 2.9 4.3

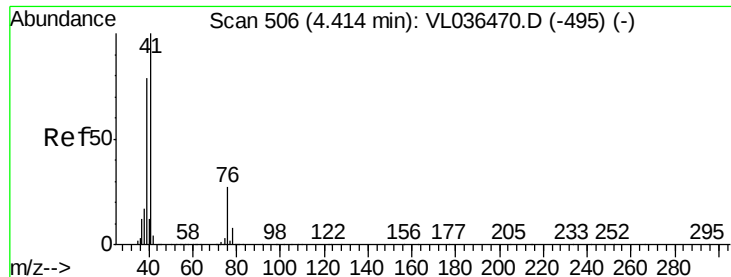


#20

Methylene Chloride
 Concen: 7.717 ppbv
 RT: 4.34 min Scan# 482
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 84 Resp: 443455
 Ion Ratio Lower Upper
 84 100
 49 164.9 122.9 184.3
 51 48.3 36.9 55.3
 86 65.6 48.2 72.4

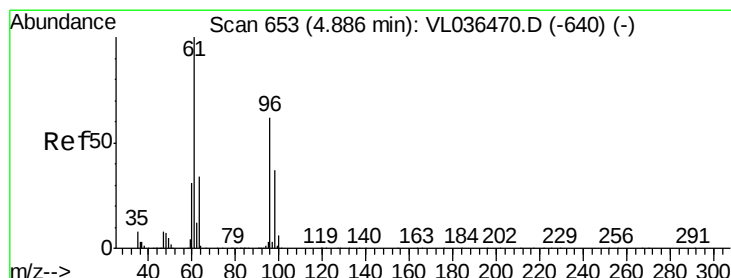
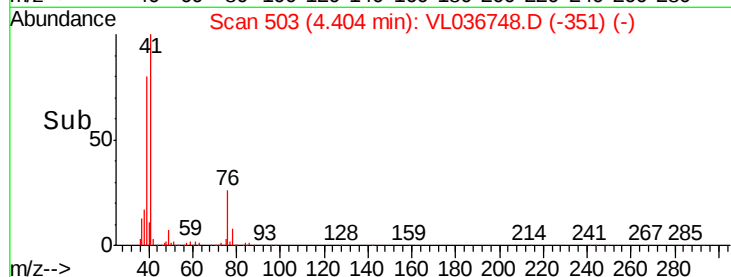
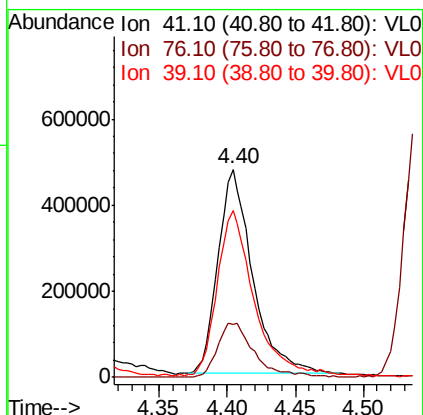
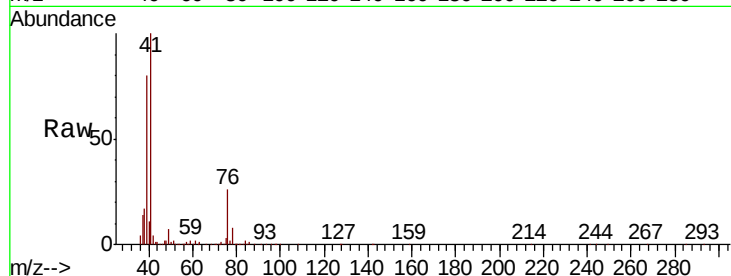




#21
Allvl Chloride
Concen: 8.565 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

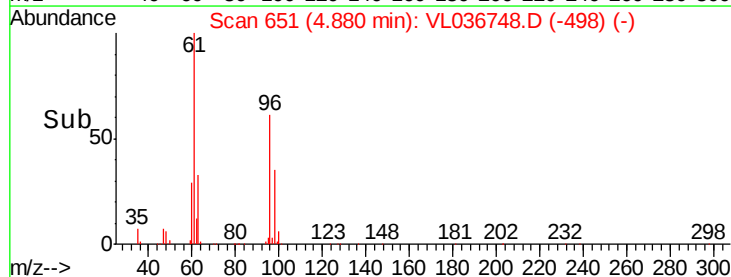
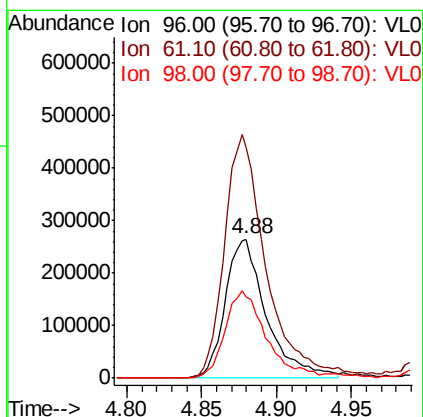
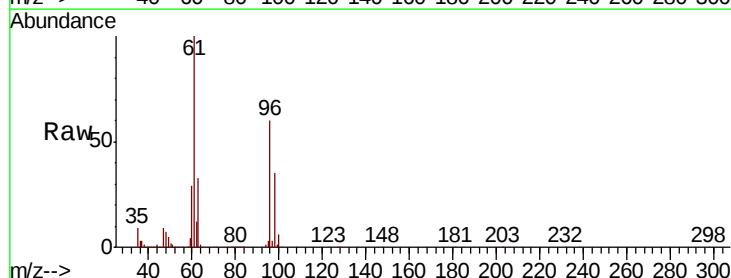
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

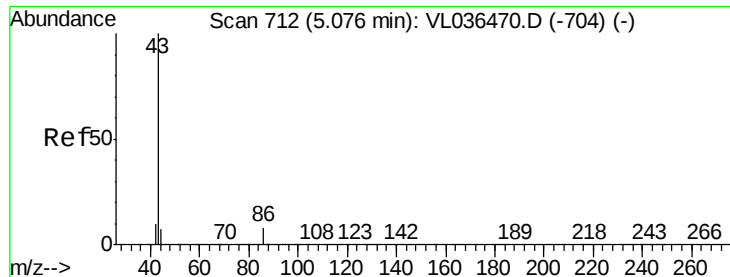
Tot Ion: 41 Resp: 837956
Ion Ratio Lower Upper
41 100
76 28.4 22.9 34.3
39 87.4 67.3 100.9



#22
trans-1,2-Dichloroethene
Concen: 9.217 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion: 96 Resp: 503720
Ion Ratio Lower Upper
96 100
61 165.9 129.4 194.0
98 58.1 48.2 72.4





#23

Vinyl Acetate

Concen: 8.661 ppbv

RT: 5.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

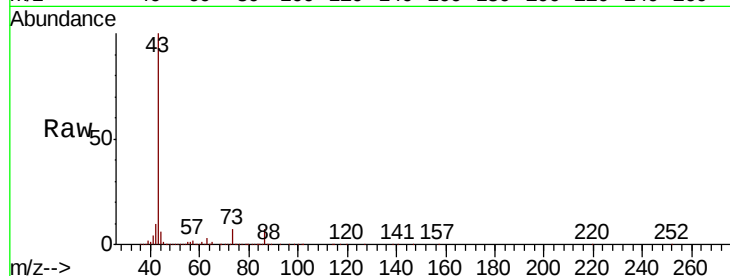
MSVOA_L

ClientSampleId :

VL0408ABS01

Tot Ion: 43 Resp: 1818250

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.4	8.0
42	10.0	8.5	12.7
44	6.0	4.6	7.0



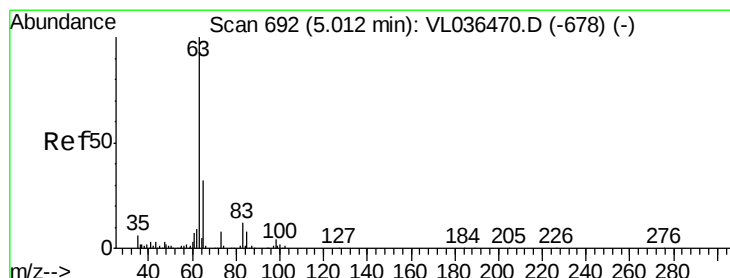
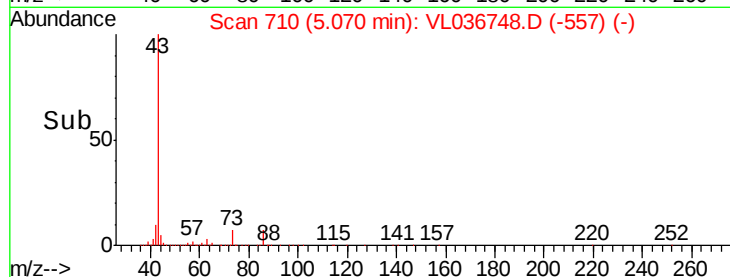
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.025 ppbv

RT: 5.00 min Scan# 689

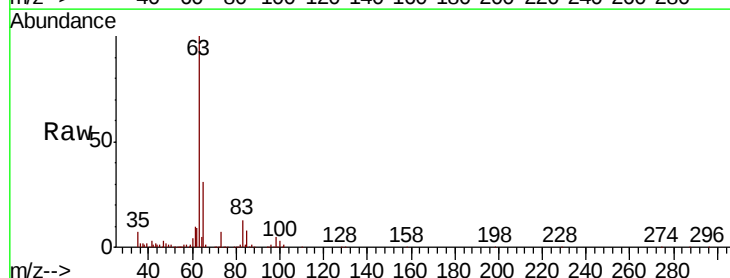
Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Tgt Ion: 63 Resp: 1381085

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.1	6.2
100	2.8	0.9	2.8

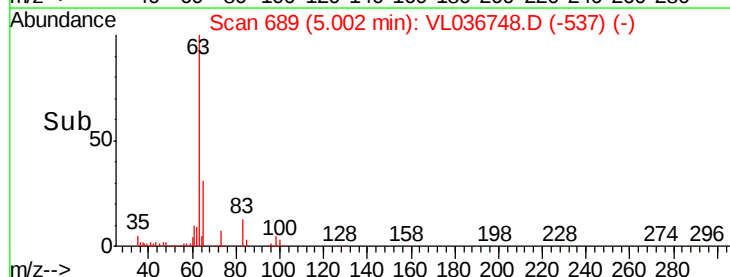


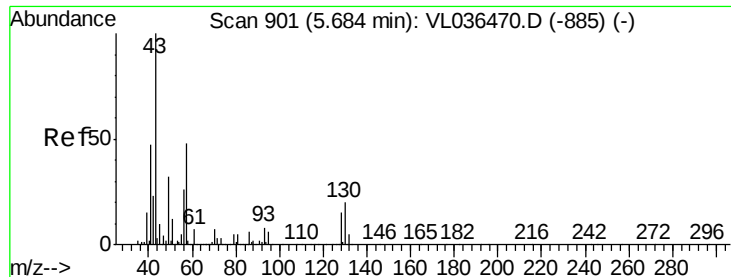
Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 9.238 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

Tot Ion: 43 Resp: 2695584

Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.9	11.9
61	9.1	7.4	11.2
70	6.4	5.1	7.7

43 100

45 9.5 7.9 11.9

61 9.1 7.4 11.2

70 6.4 5.1 7.7

Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

1500000

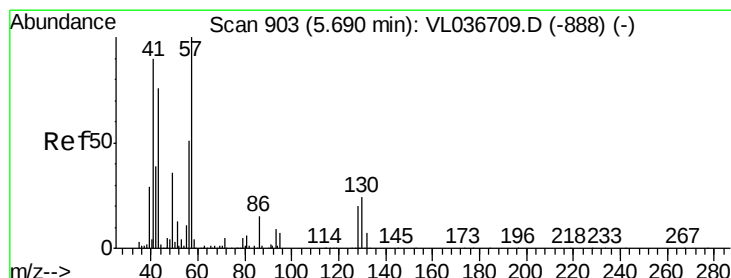
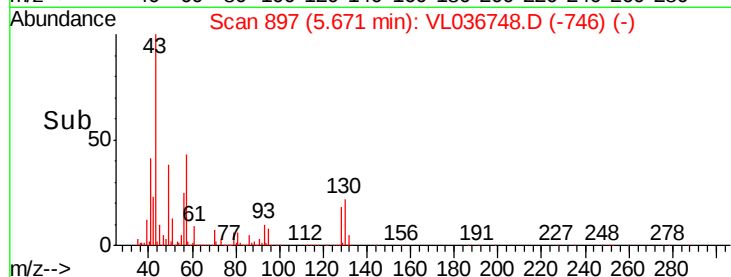
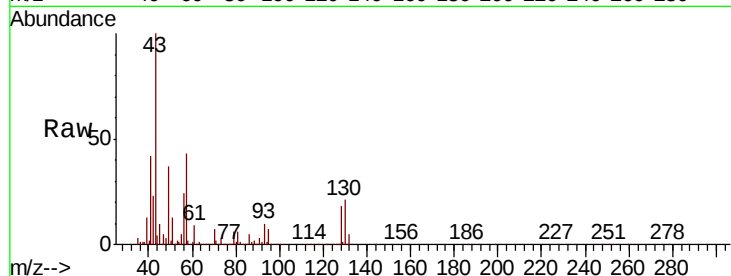
1000000

500000

0

5.60 5.67 5.80

Time-->



#26

Hexane

Concen: 9.271 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Tgt Ion: 57 Resp: 1255428

Ion	Ratio	Lower	Upper
57	100		
41	98.1	77.2	115.8
43	216.9	173.8	260.6
56	56.5	43.8	65.6

57 100

41 98.1 77.2 115.8

43 216.9 173.8 260.6

56 56.5 43.8 65.6

Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

1500000

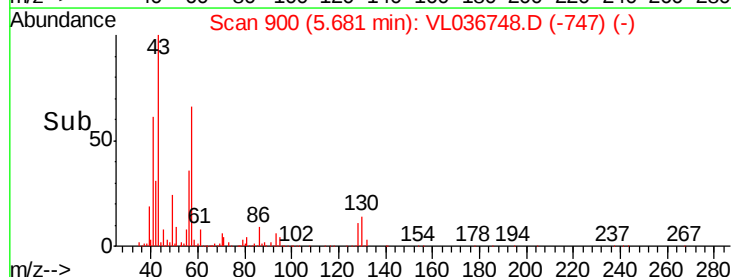
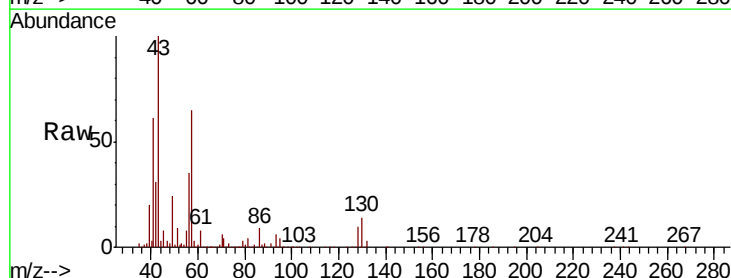
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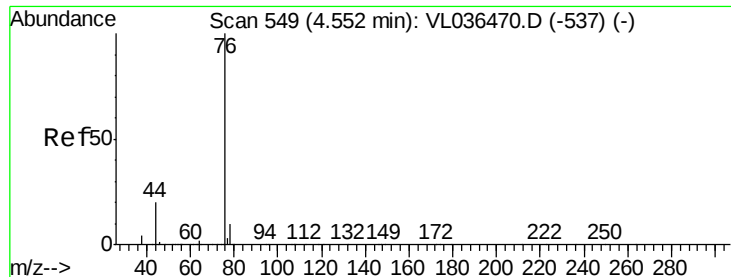
500000

0

5.60 5.65 5.68 5.75

Time-->





#27

Carbon Disulfide

Concen: 9.690 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

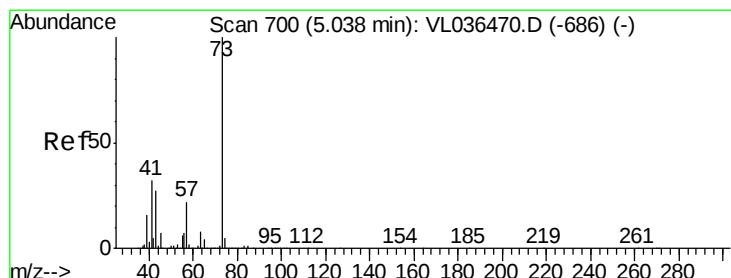
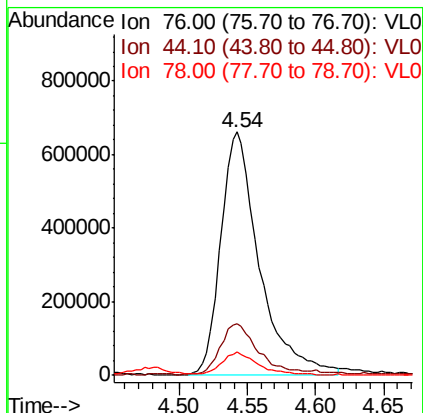
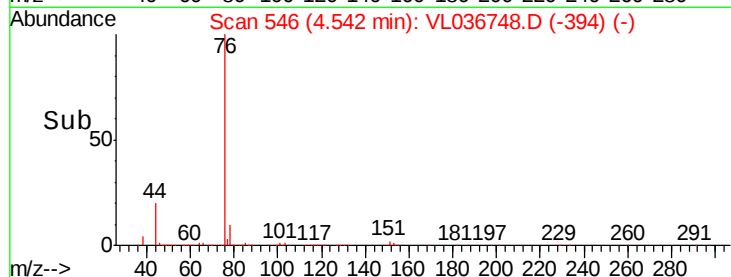
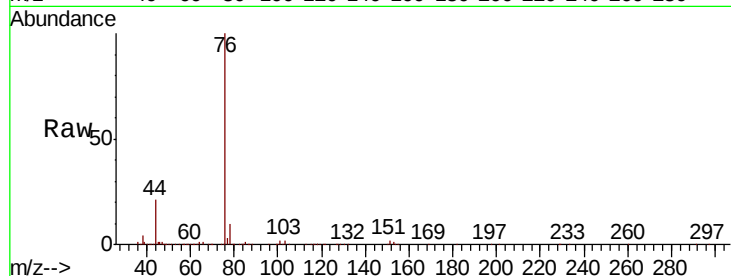
Tot Ion: 76 Resp: 1292603

Ion Ratio Lower Upper

76 100

44 22.3 17.5 26.3

78 9.7 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 8.932 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.01 min

Lab File: VL036748.D

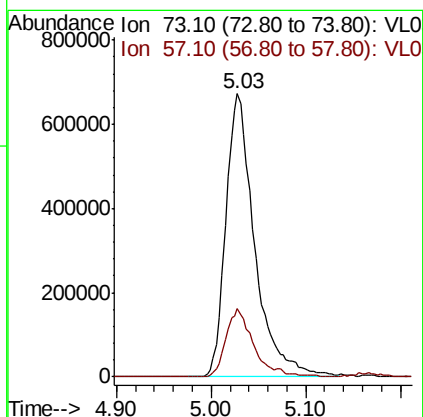
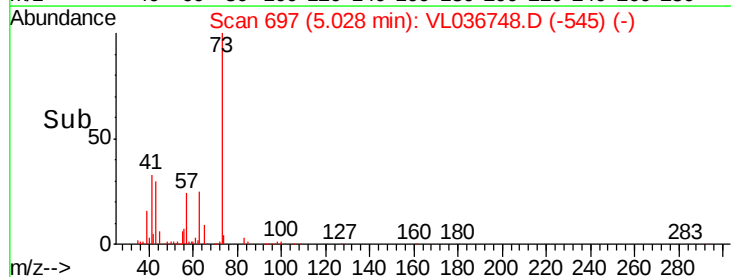
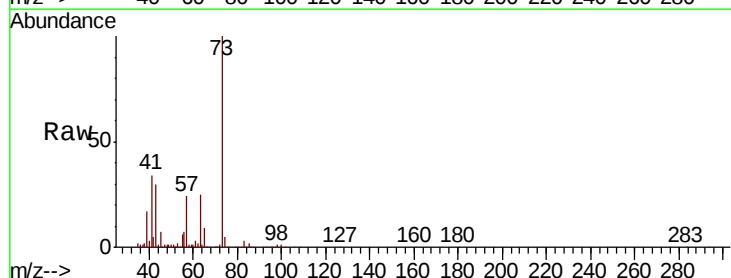
Acq: 8 Apr 2021 12:47

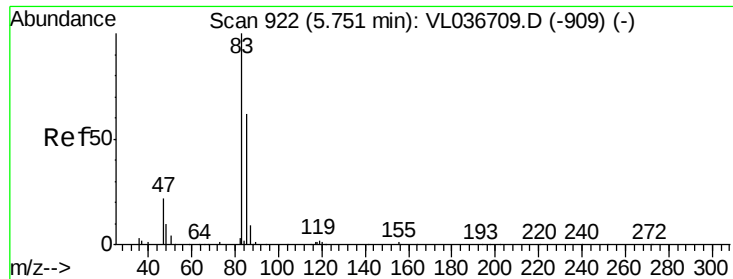
Tgt Ion: 73 Resp: 1426344

Ion Ratio Lower Upper

73 100

57 23.4 18.5 27.7





#29

Chloroform

Concen: 9.404 ppbv

RT: 5.74 min Scan# 920

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

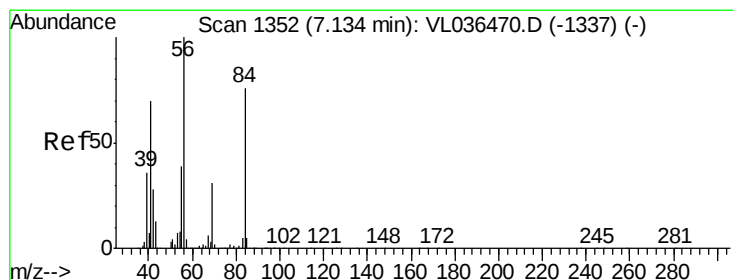
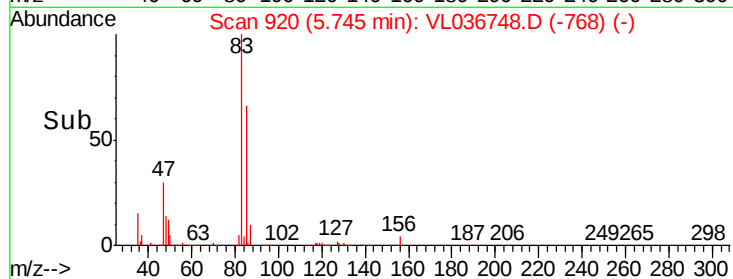
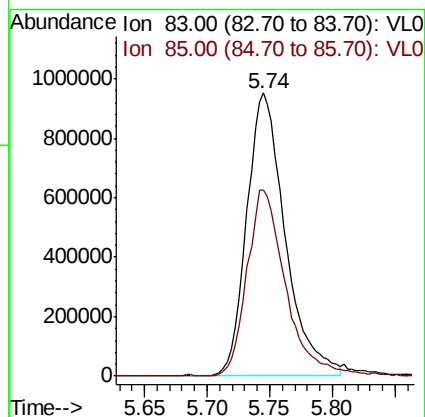
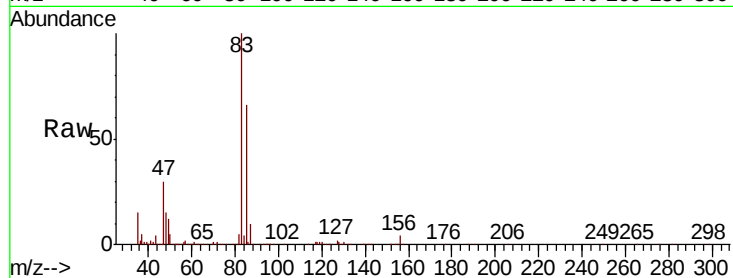
VL0408ABS01

Tot Ion: 83 Resp: 2036490

Ion Ratio Lower Upper

83 100

85 65.5 52.6 78.8



#30

Cyclohexane

Concen: 5.039 ppbv

RT: 7.12 min Scan# 1348

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

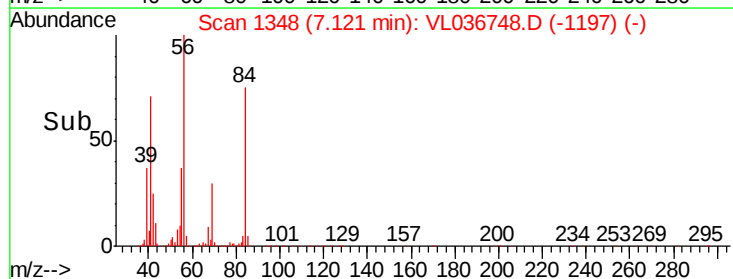
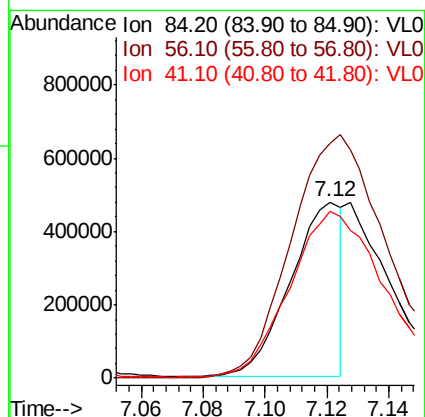
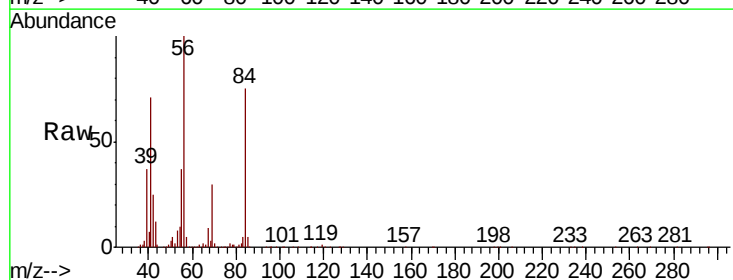
Tgt Ion: 84 Resp: 553426

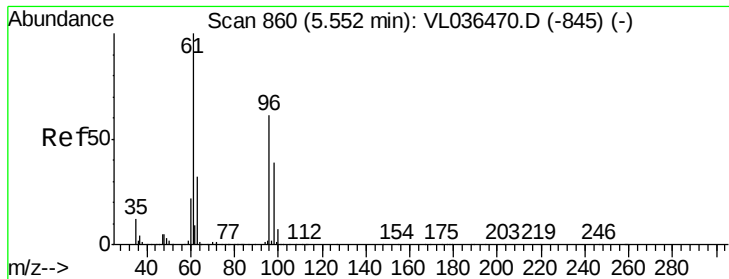
Ion Ratio Lower Upper

84 100

56 0.0 114.6 171.8#

41 183.2 75.3 112.9#

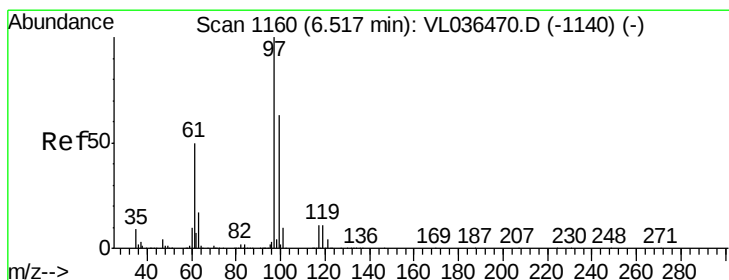
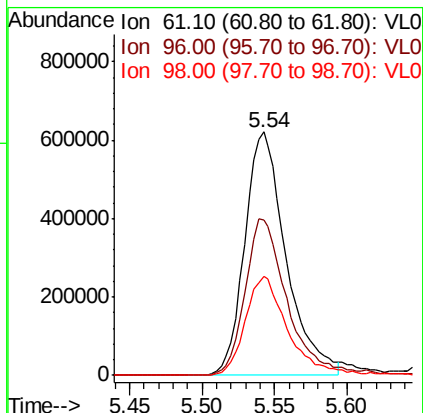
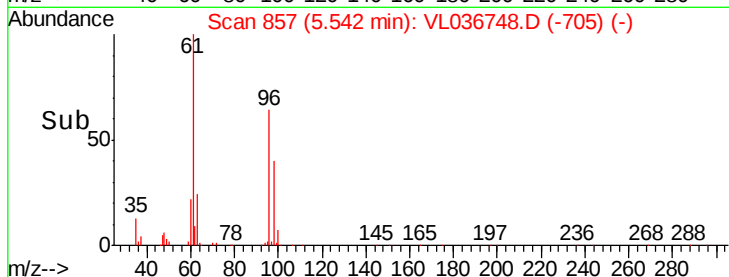
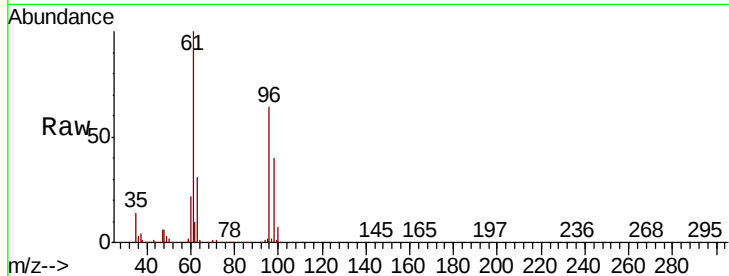




#31
 cis-1,2-Dichloroethene
 Concen: 9.395 ppbv
 RT: 5.54 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

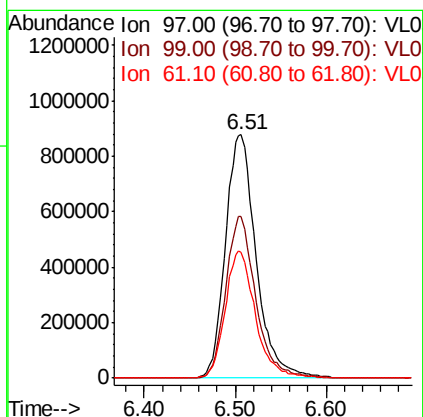
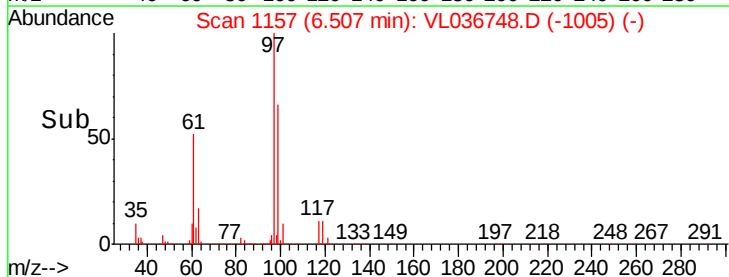
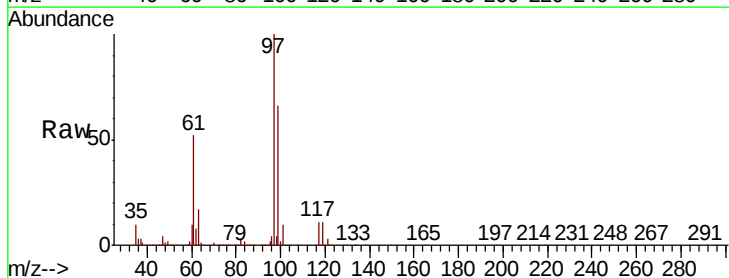
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

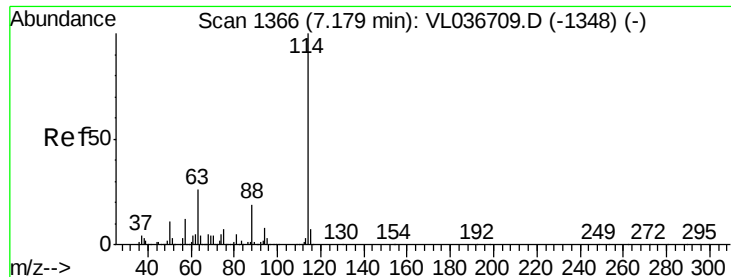
Tot Ion: 61 Resp: 1230483
 Ion Ratio Lower Upper
 61 100
 96 63.9 48.7 73.1
 98 40.5 31.4 47.0



#32
 1,1,1-Trichloroethane
 Concen: 9.437 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 97 Resp: 2059698
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.4 77.0
 61 51.3 40.6 60.8

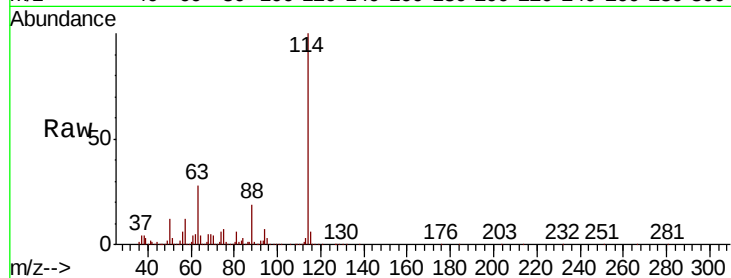




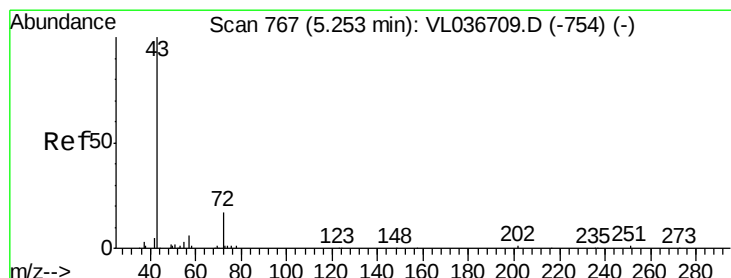
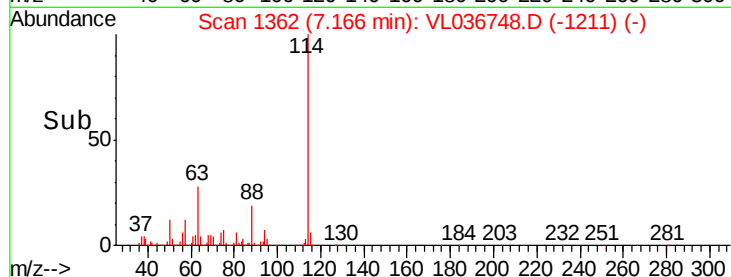
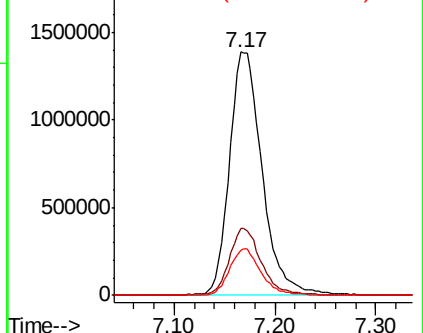
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Tot Ion:114 Resp: 3127809
 Ion Ratio Lower Upper
 114 100
 63 27.5 22.4 33.6
 88 18.7 15.4 23.0

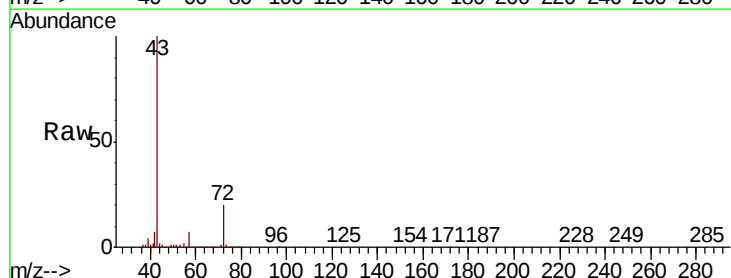


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

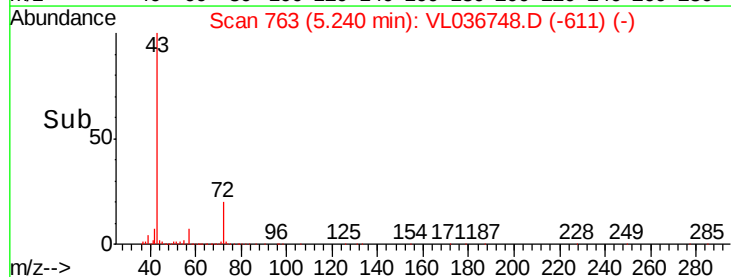
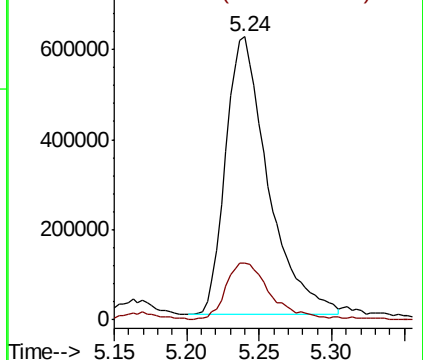


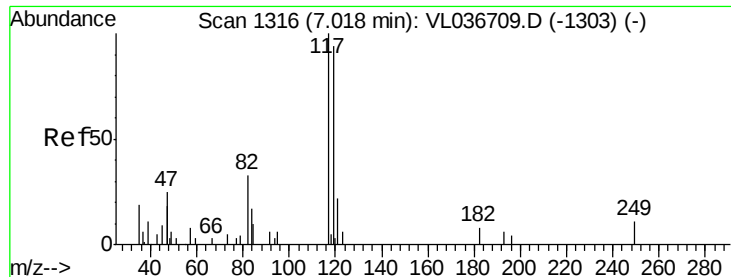
#34
 2-Butanone
 Concen: 8.242 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 43 Resp: 1258372
 Ion Ratio Lower Upper
 43 100
 72 22.1 17.0 25.6



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





#35

Carbon Tetrachloride

Concen: 9.106 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

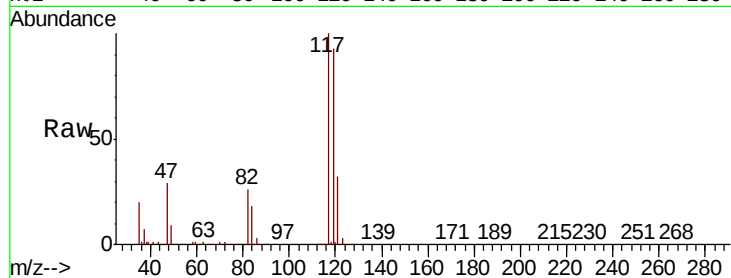
Tot Ion:117 Resp: 2187552

Ion Ratio Lower Upper

117 100

119 93.3 78.2 117.2

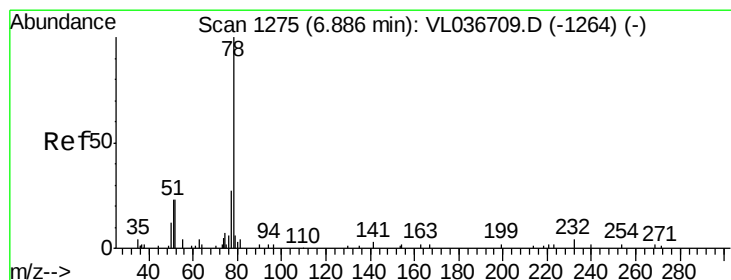
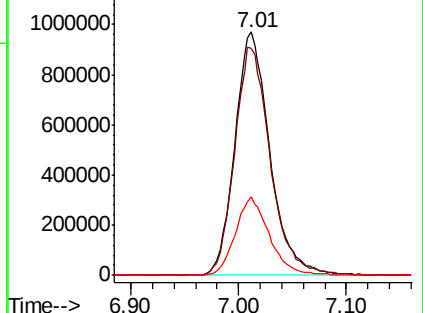
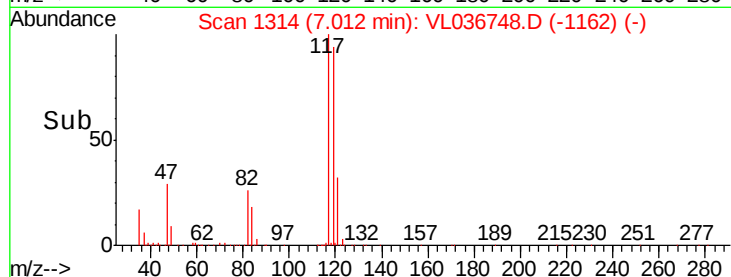
121 32.0 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.322 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

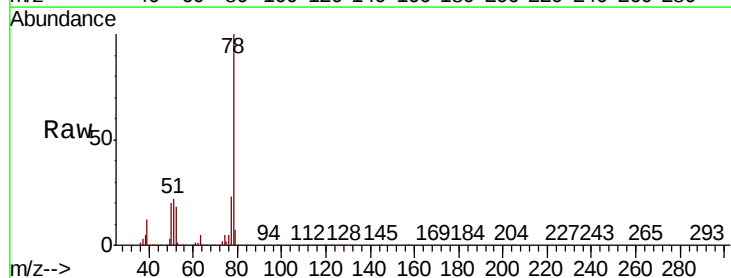
Tgt Ion: 78 Resp: 2689153

Ion Ratio Lower Upper

78 100

77 22.6 18.0 27.0

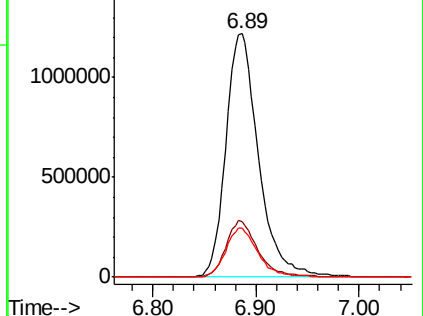
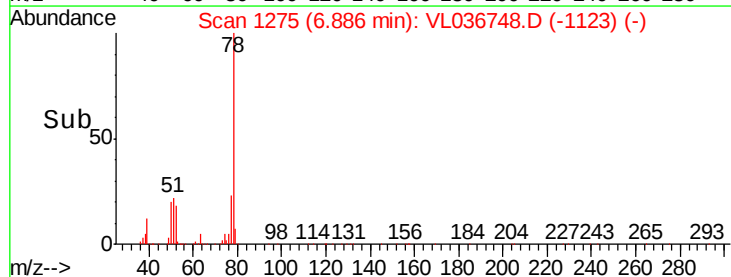
50 20.3 16.5 24.7

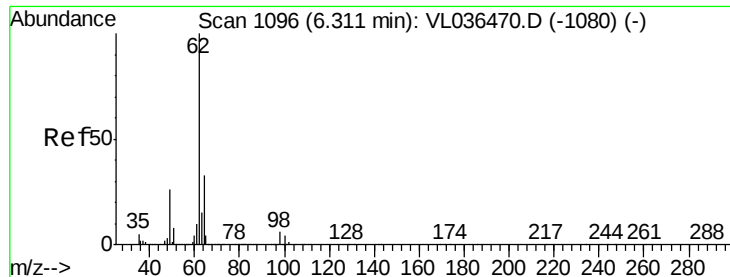


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

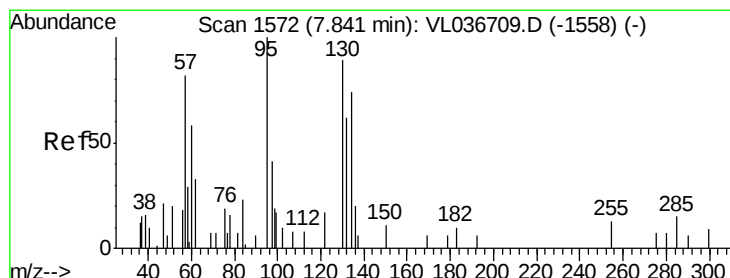
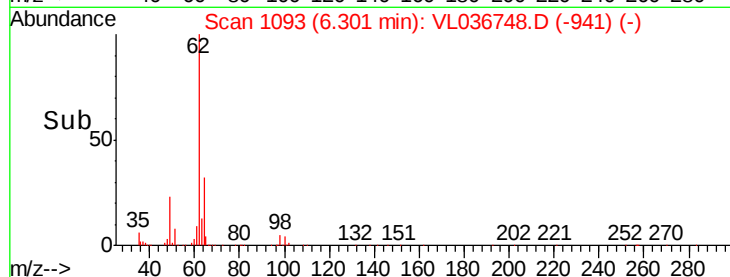
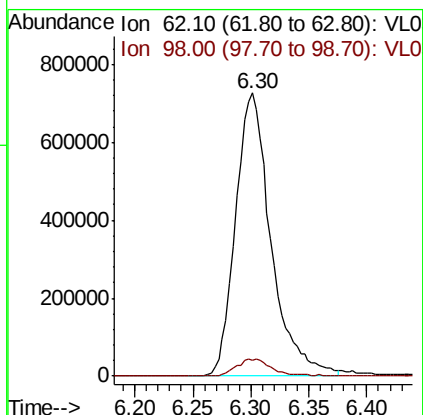
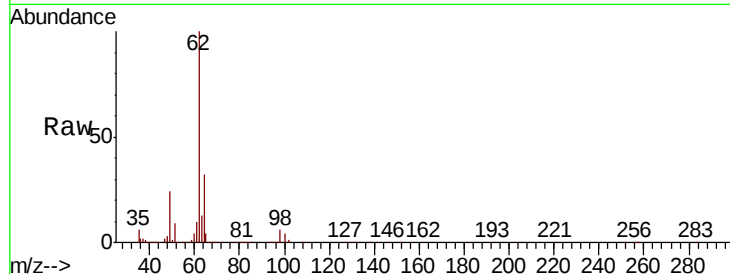




#37
 1,2-Dichloroethane
 Concen: 9.077 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

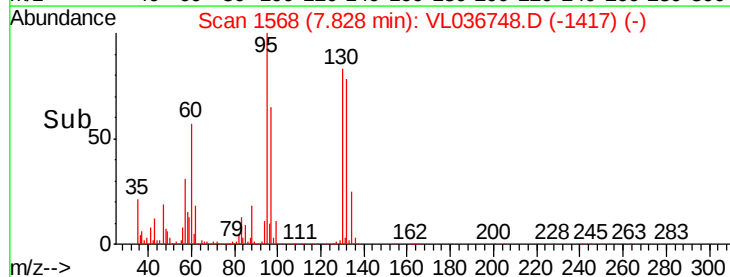
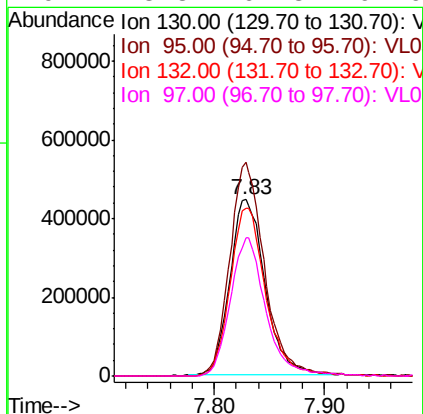
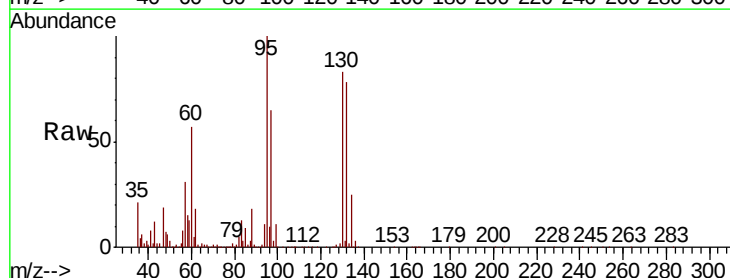
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

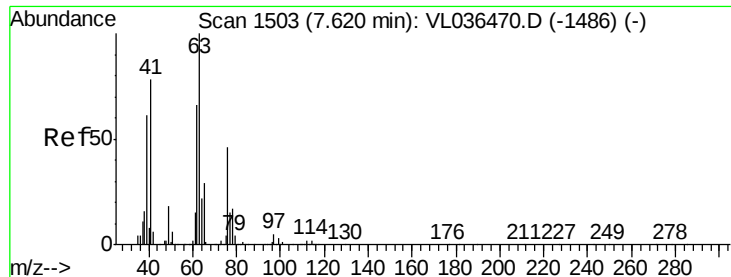
Tot Ion: 62 Resp: 1541041
 Ion Ratio Lower Upper
 62 100
 98 6.3 4.9 7.3



#38
 Trichloroethene
 Concen: 8.791 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 130 Resp: 986935
 Ion Ratio Lower Upper
 130 100
 95 121.6 95.7 143.5
 132 95.2 76.2 114.4
 97 78.8 61.8 92.6

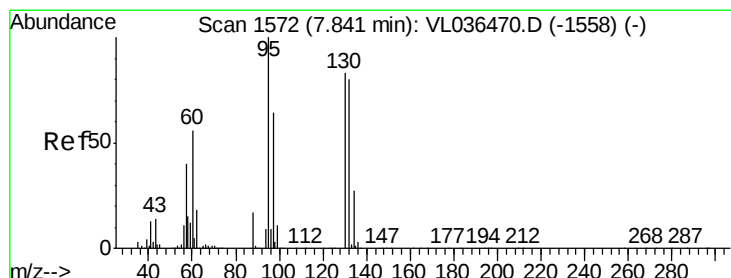
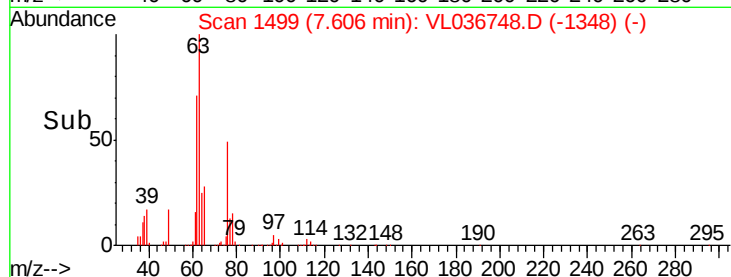
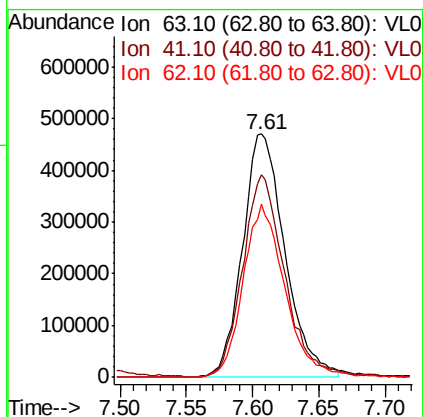
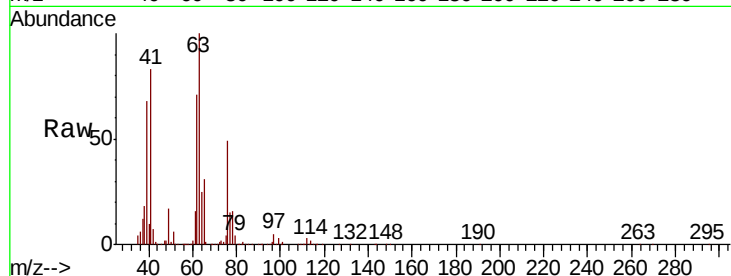




#39
 1,2-Dichloropropane
 Concen: 8.974 ppbv
 RT: 7.61 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

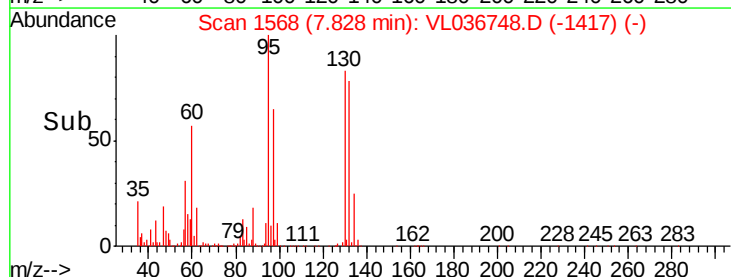
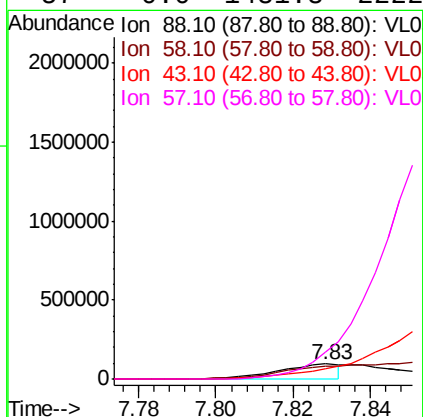
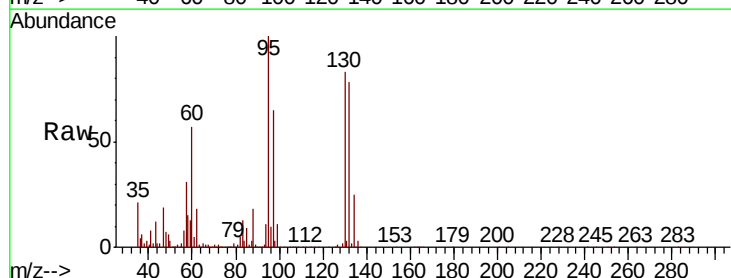
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

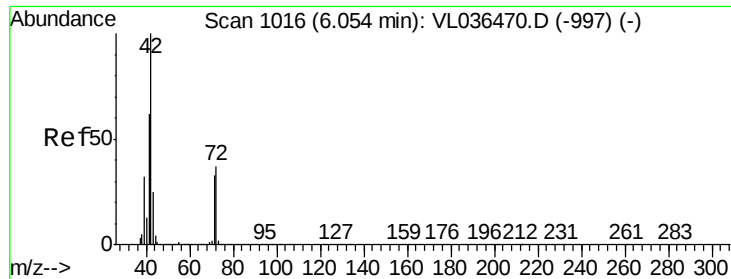
Tot Ion: 63 Resp: 1050104
 Ion Ratio Lower Upper
 63 100
 41 82.9 62.4 93.6
 62 70.9 52.8 79.2



#40
 1,4-Dioxane
 Concen: 3.906 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 88 Resp: 106388
 Ion Ratio Lower Upper
 88 100
 58 0.0 134.1 201.1#
 43 0.0 346.6 520.0#
 57 0.0 1481.8 2222.8#

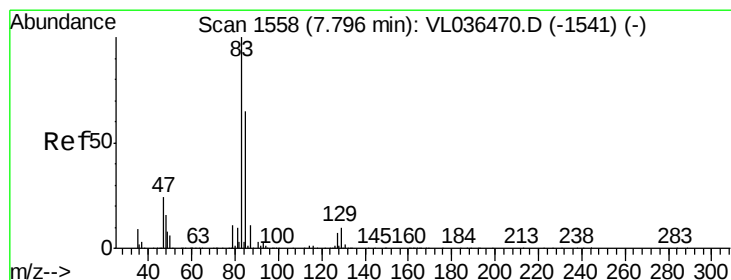
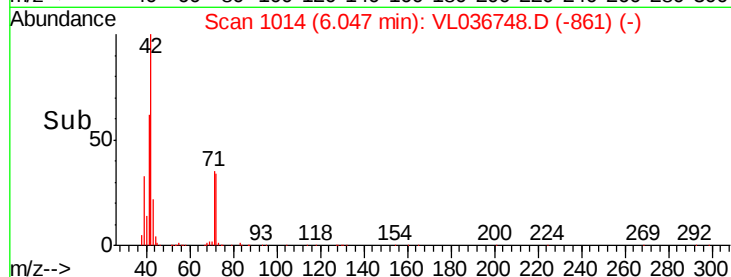
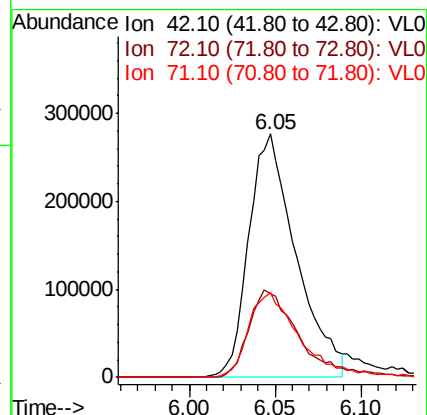
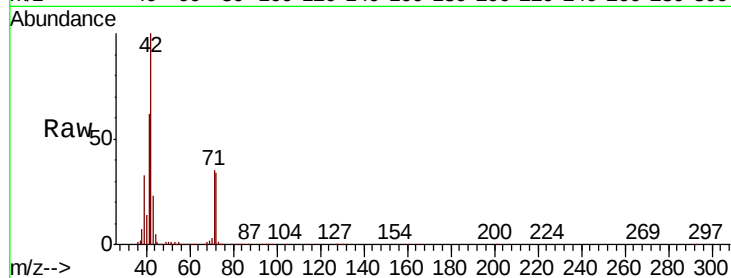




#41
Tetrahydrofuran
Concen: 7.497 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

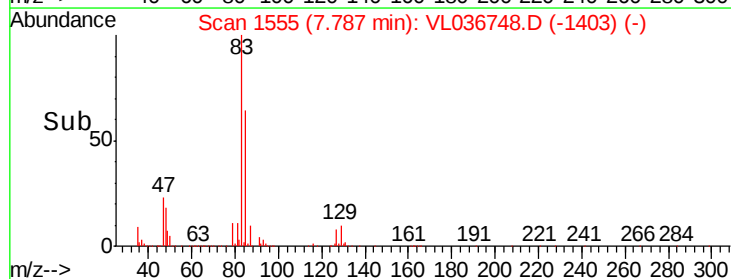
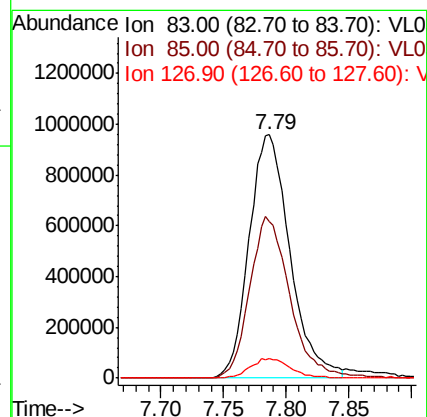
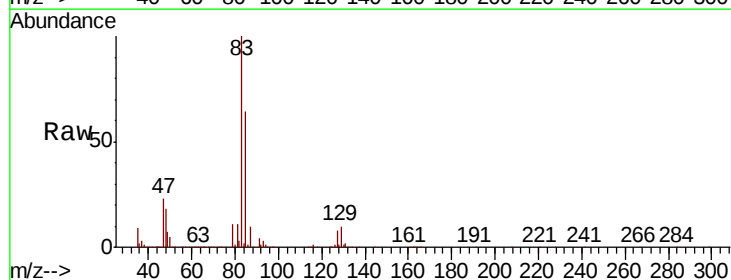
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

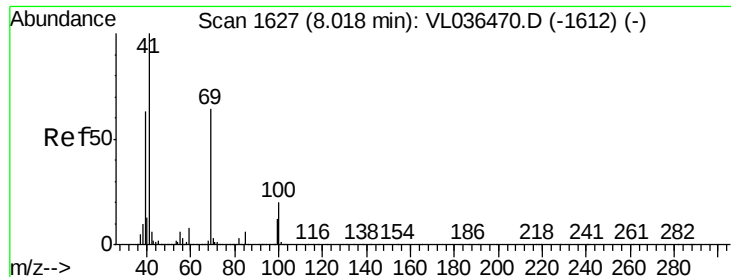
Tot Ion: 42 Resp: 527772
Ion Ratio Lower Upper
42 100
72 39.1 27.6 41.4
71 38.7 27.0 40.4



#42
Bromodichloromethane
Concen: 9.418 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion: 83 Resp: 2175043
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6
127 8.2 5.8 8.8

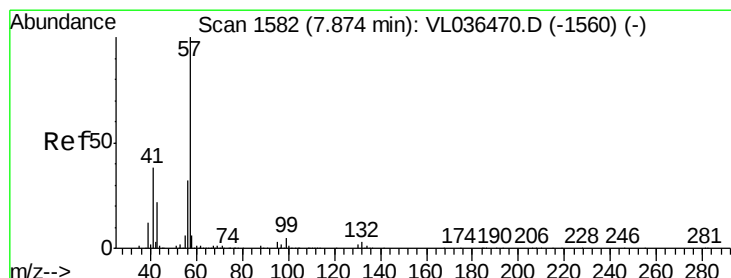
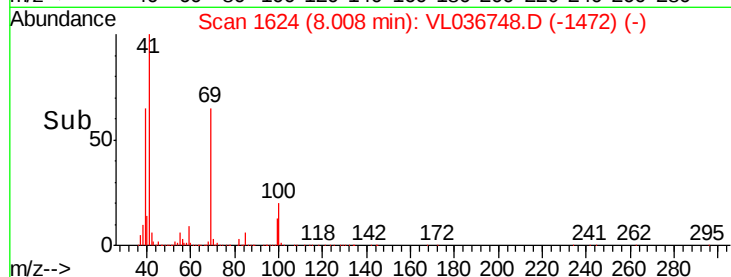
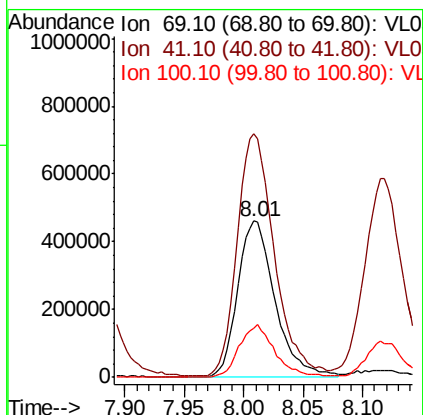
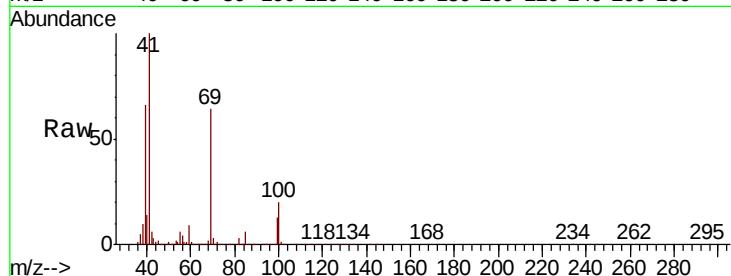




#43
Methvl Methacrvlate
Concen: 10.347 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

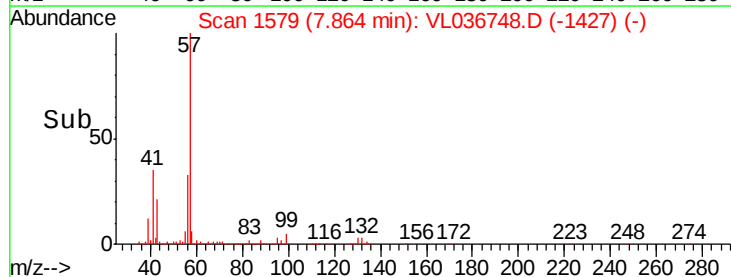
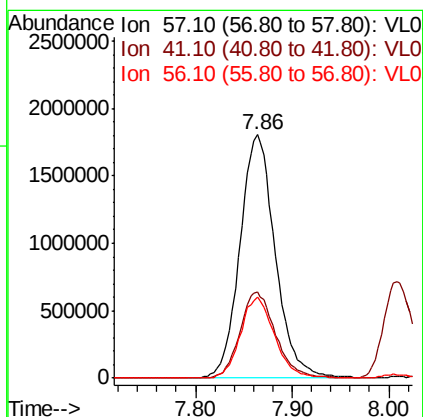
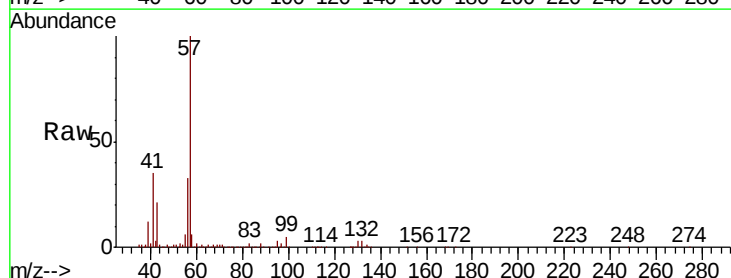
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

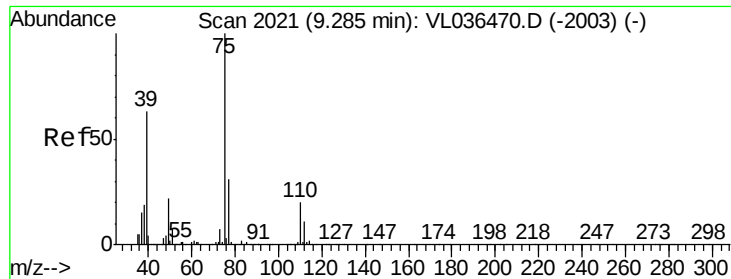
Tot Ion: 69 Resp: 1002292
Ion Ratio Lower Upper
69 100
41 155.7 126.8 190.2
100 32.2 24.9 37.3



#44
2,2,4-Trimethylpentane
Concen: 8.991 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion: 57 Resp: 4564602
Ion Ratio Lower Upper
57 100
41 35.5 28.8 43.2
56 32.4 26.1 39.1

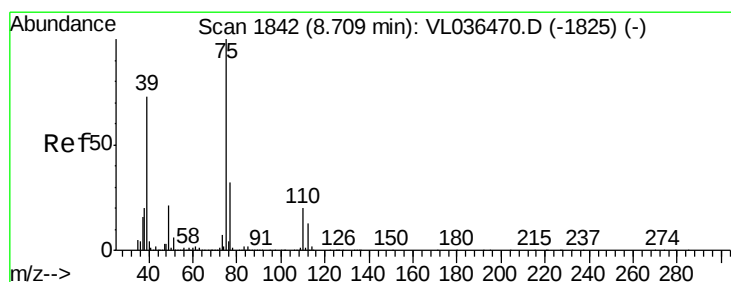
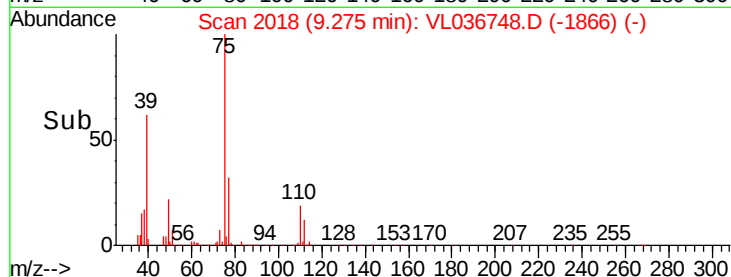
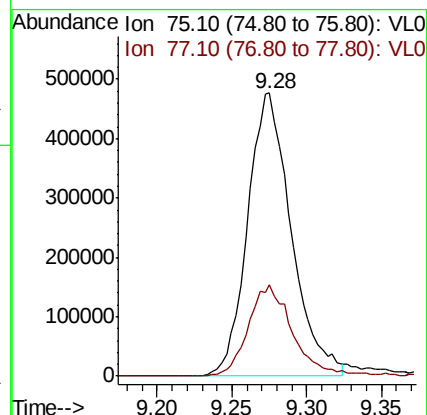
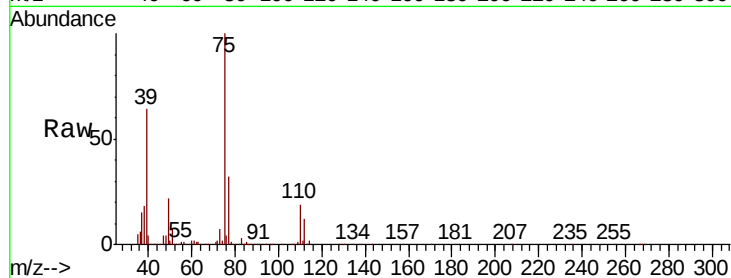




#45
t-1,3-Dichloropropene
Concen: 8.719 ppbv
RT: 9.28 min Scan# 2018
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

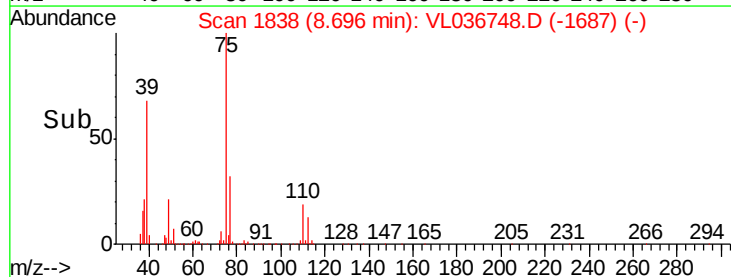
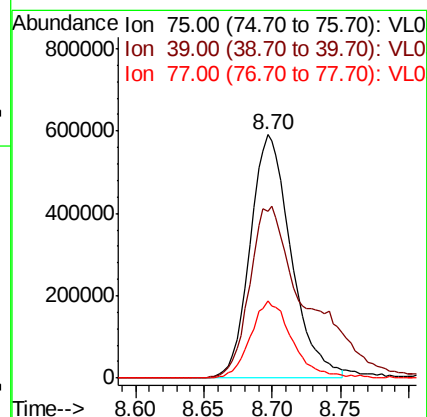
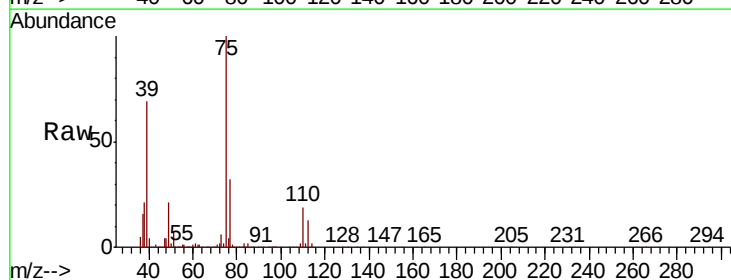
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

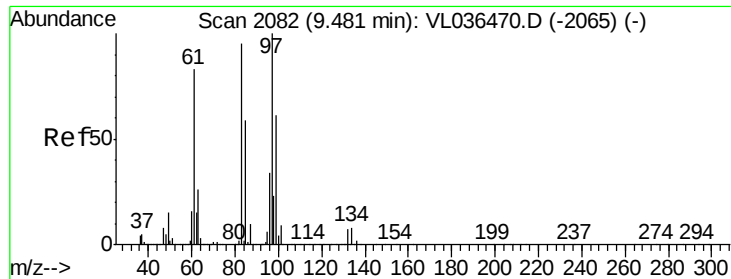
Tot Ion: 75 Resp: 964372
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7



#46
cis-1,3-Dichloropropene
Concen: 8.711 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion: 75 Resp: 1231619
Ion Ratio Lower Upper
75 100
39 68.4 58.2 87.2
77 31.8 25.2 37.8



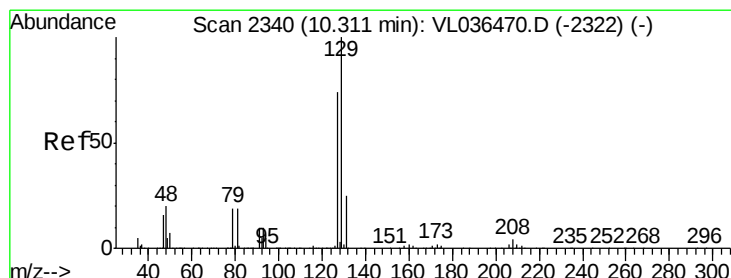
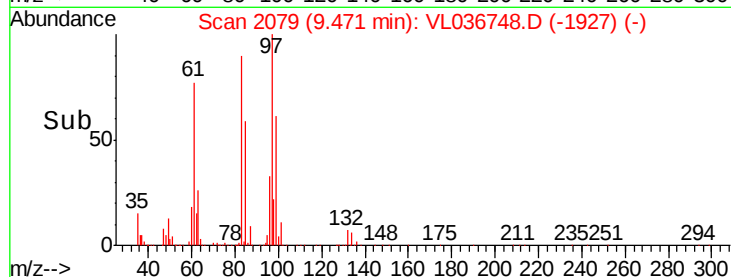
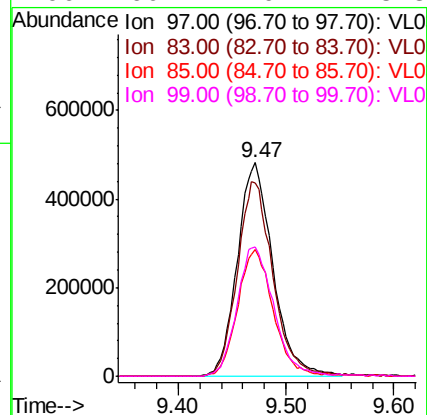
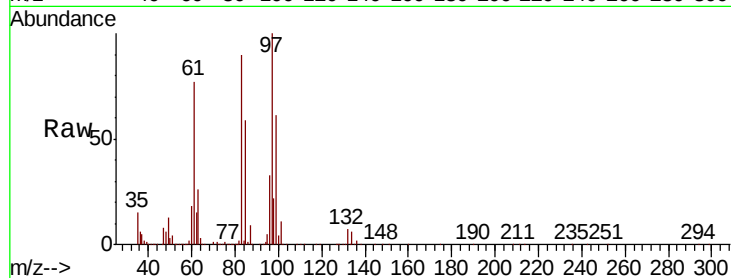


#47
 1,1,2-Trichloroethane
 Concen: 9.335 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Tot Ion: 97 Resp: 1106409

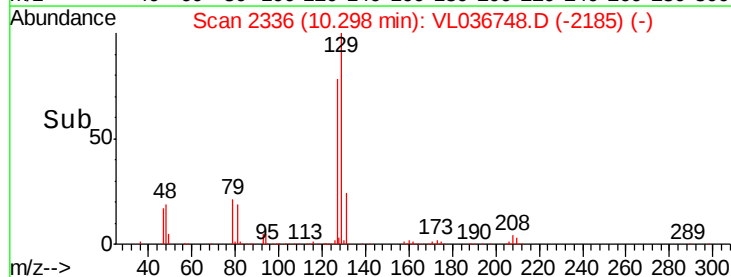
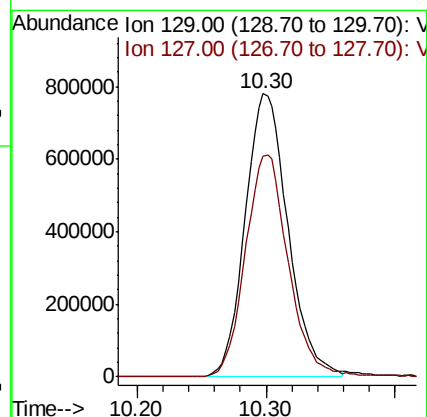
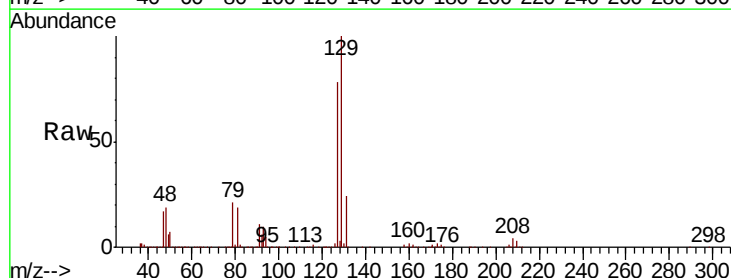
Ion	Ratio	Lower	Upper
97	100		
83	90.2	75.8	113.8
85	59.4	47.1	70.7
99	60.7	49.2	73.8

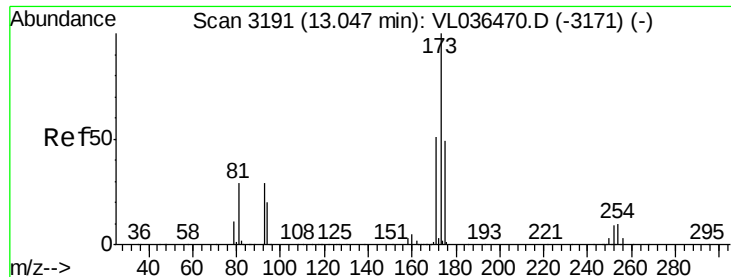


#48
 Dibromochloromethane
 Concen: 9.974 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 129 Resp: 1802082

Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.6	118.8





#49

Bromoform

Concen: 10.355 ppbv

RT: 13.04 min Scan# 3188

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

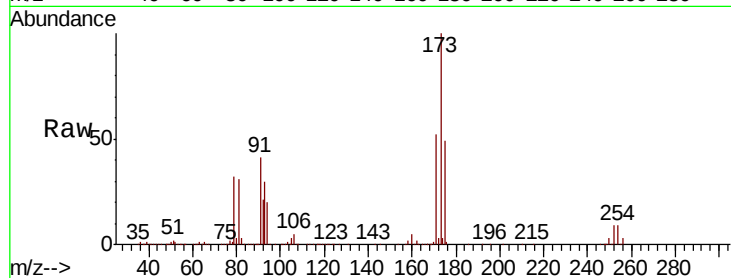
Tot Ion:173 Resp: 1507458

Ion Ratio Lower Upper

173 100

175 50.6 39.6 59.4

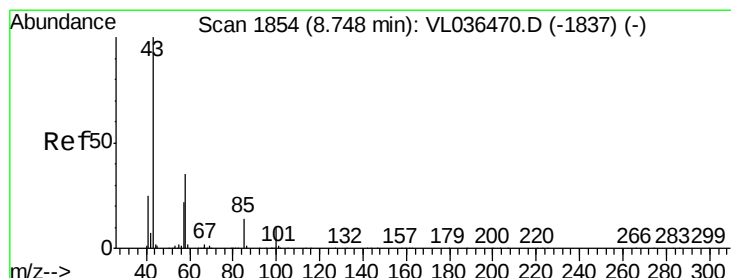
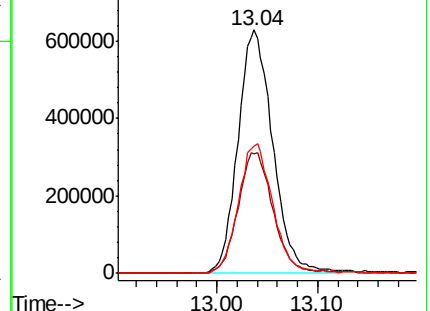
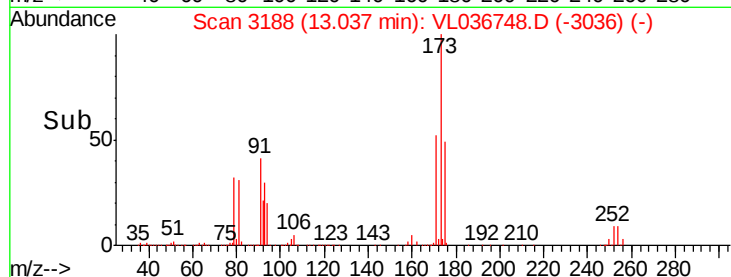
171 53.0 41.4 62.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 8.860 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.01 min

Lab File: VL036748.D

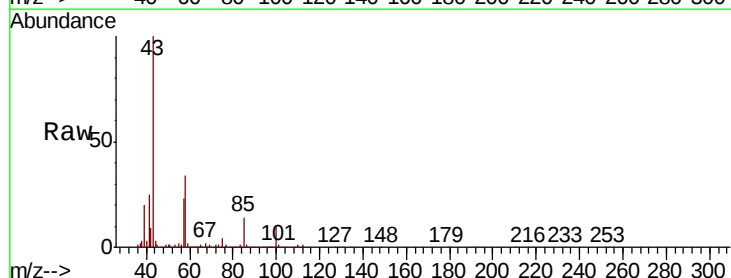
Acq: 8 Apr 2021 12:47

Tgt Ion: 43 Resp: 1957396

Ion Ratio Lower Upper

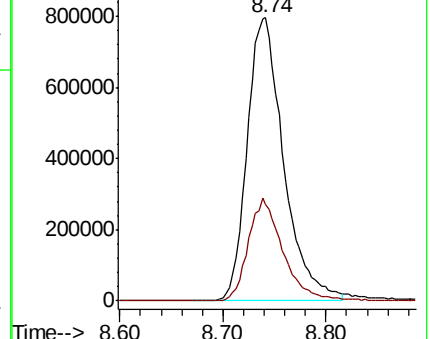
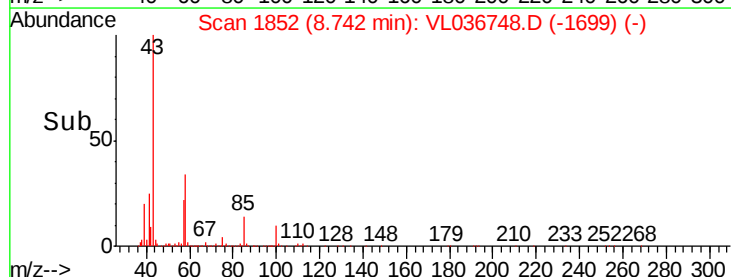
43 100

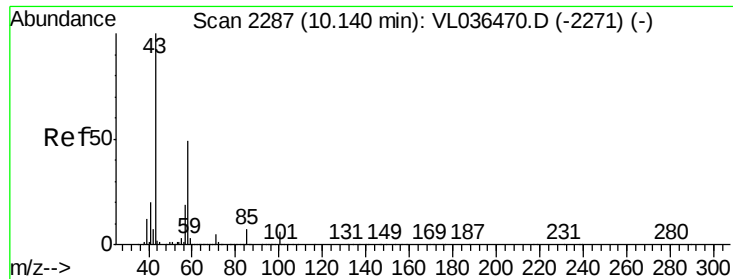
58 34.7 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

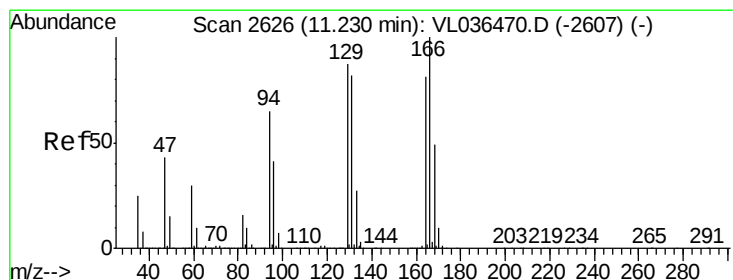
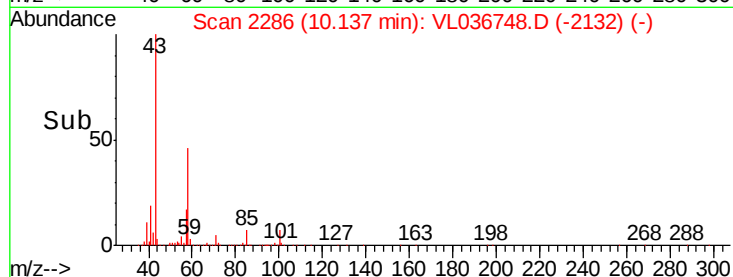
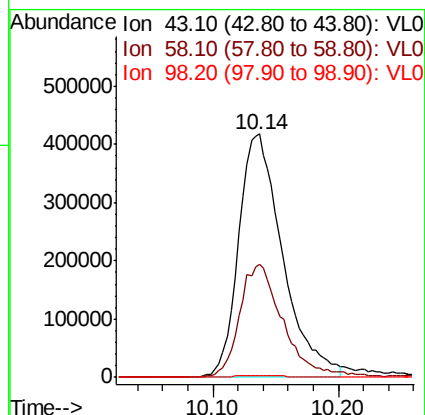
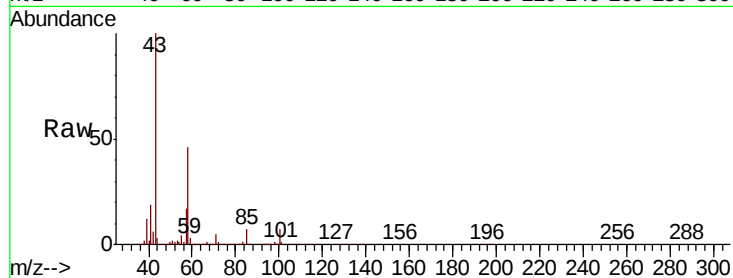




#51
2-Hexanone
Concen: 9.105 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. -0.00 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

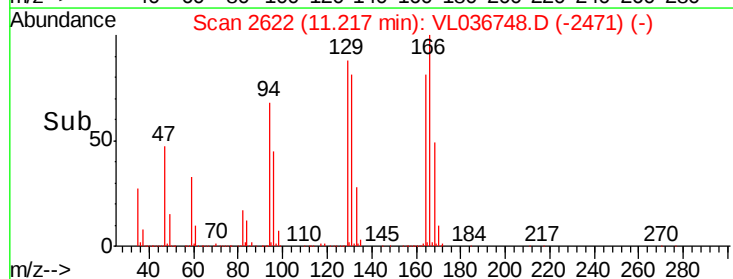
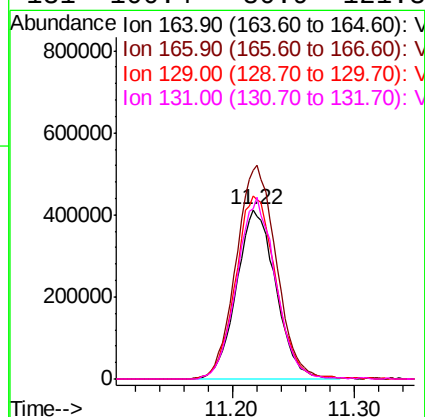
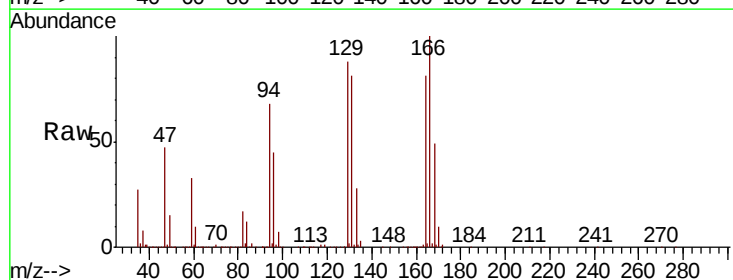
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

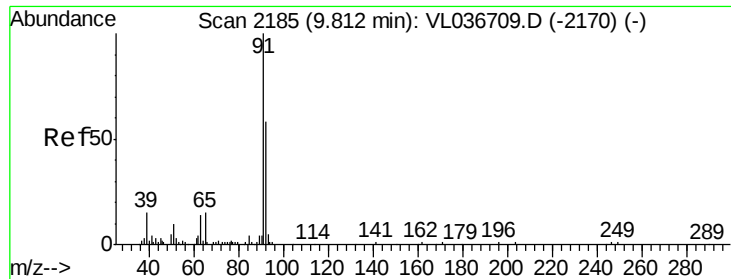
Tot Ion: 43 Resp: 1015077
Ion Ratio Lower Upper
43 100
58 46.3 37.7 56.5
98 1.1 0.2 0.2#



#52
Tetrachloroethene
Concen: 8.614 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion: 164 Resp: 914966
Ion Ratio Lower Upper
164 100
166 123.3 98.3 147.5
129 108.5 85.8 128.8
131 100.4 80.9 121.3





#53

Toluene

Concen: 9.890 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

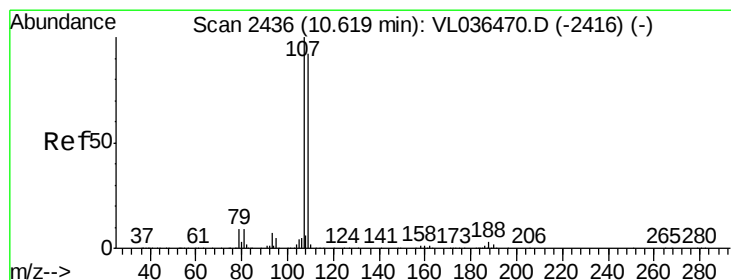
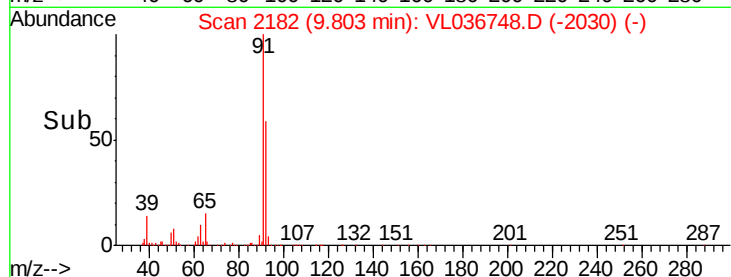
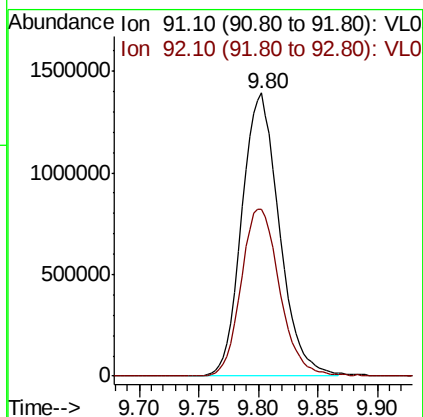
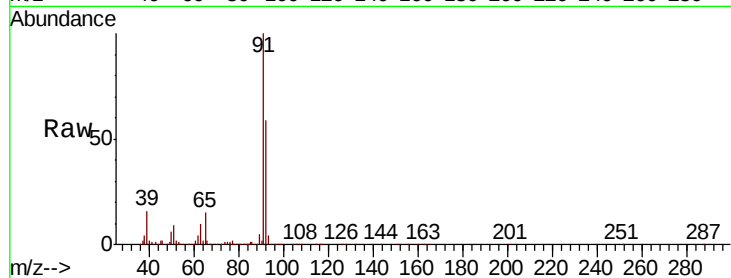
VL0408ABS01

Tot Ion: 91 Resp: 3038160

Ion Ratio Lower Upper

91 100

92 61.0 48.8 73.2



#54

1,2-Dibromoethane

Concen: 9.455 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.02 min

Lab File: VL036748.D

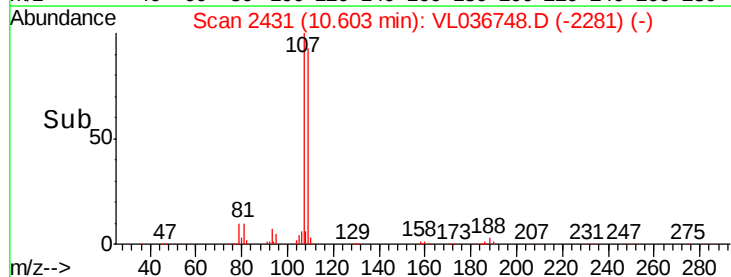
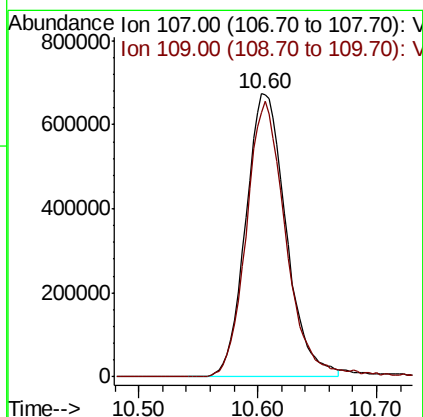
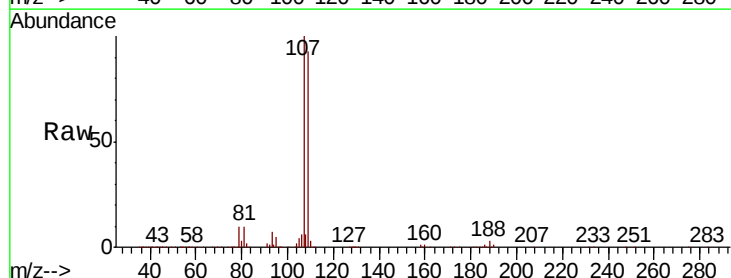
Acq: 8 Apr 2021 12:47

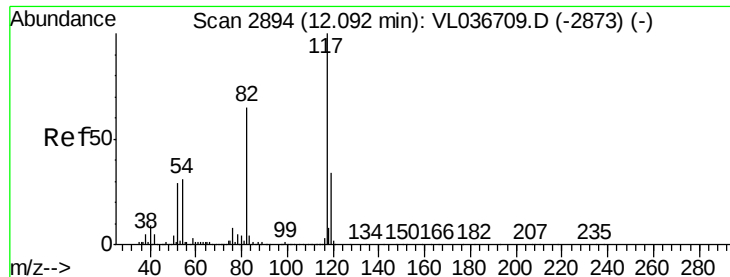
Tgt Ion:107 Resp: 1582604

Ion Ratio Lower Upper

107 100

109 93.4 73.9 110.9

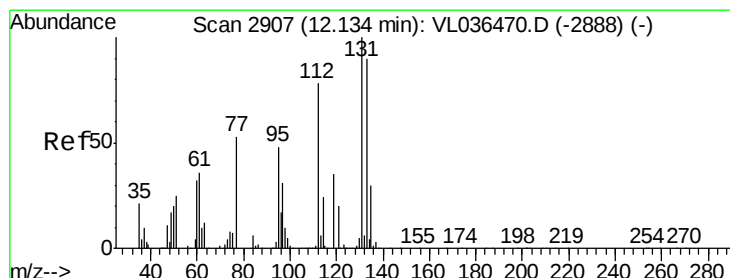
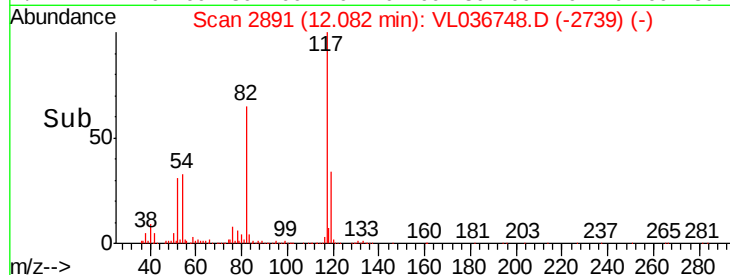
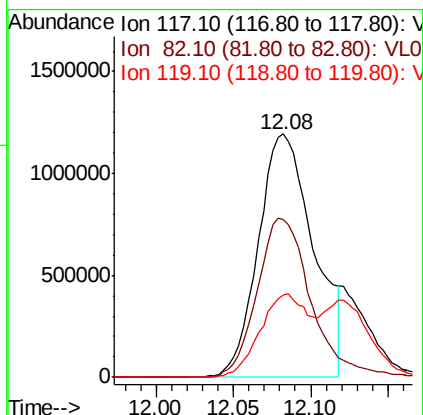
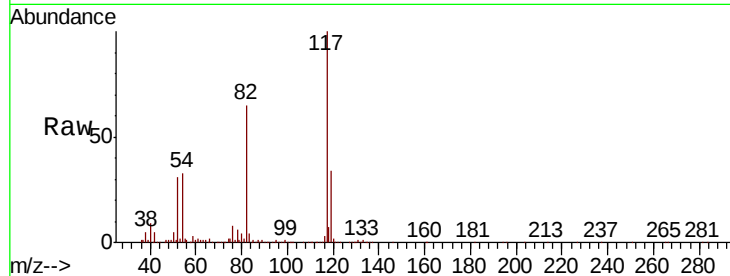




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

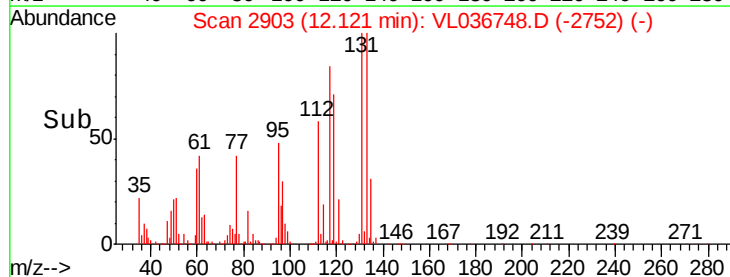
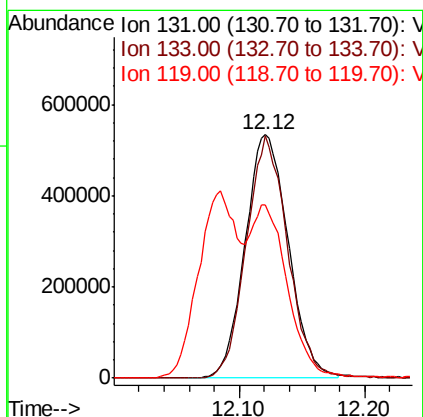
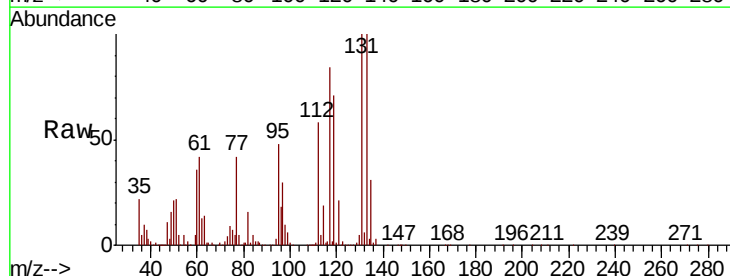
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

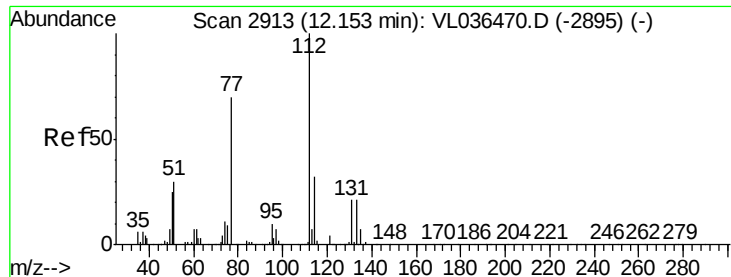
Tot Ion:117 Resp: 2978003
Ion Ratio Lower Upper
117 100
82 64.3 57.4 86.0
119 29.3 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 9.504 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion:131 Resp: 1280097
Ion Ratio Lower Upper
131 100
133 95.6 75.8 113.6
119 69.0 48.7 73.1





#57

Chlorobenzene

Concen: 9.059 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

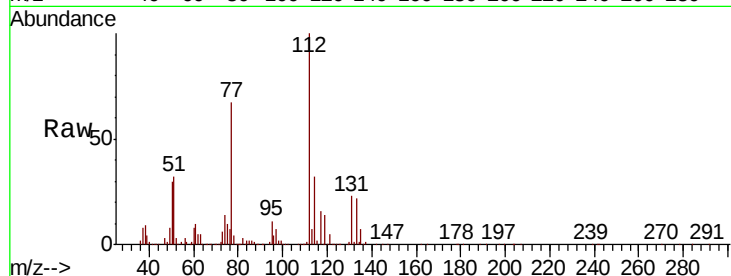
Tot Ion:112 Resp: 2295413

Ion Ratio Lower Upper

112 100

77 66.2 56.0 84.0

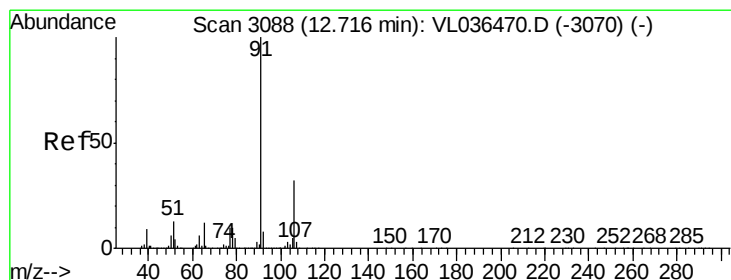
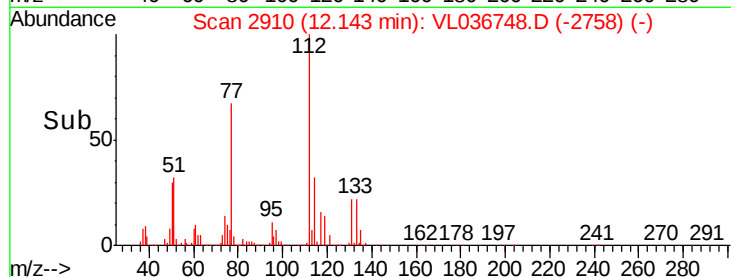
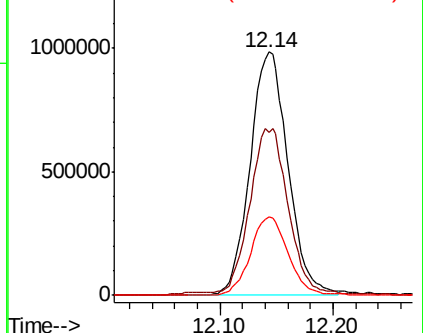
114 32.3 29.0 35.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.545 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL036748.D

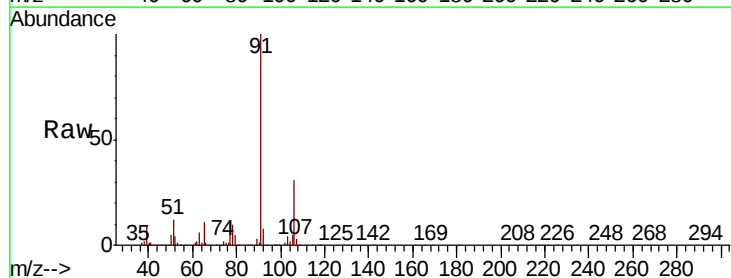
Acq: 8 Apr 2021 12:47

Tgt Ion: 91 Resp: 4135340

Ion Ratio Lower Upper

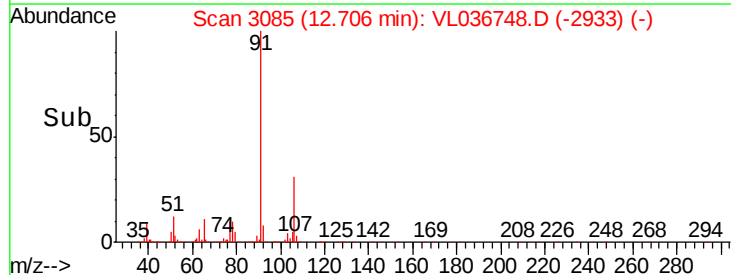
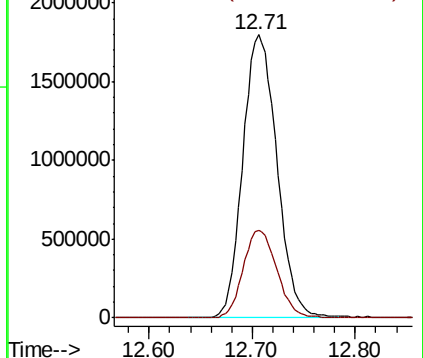
91 100

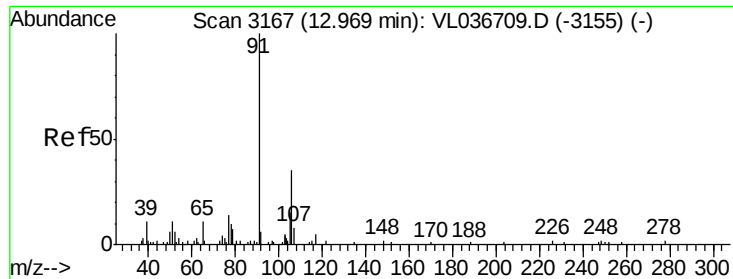
106 30.8 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

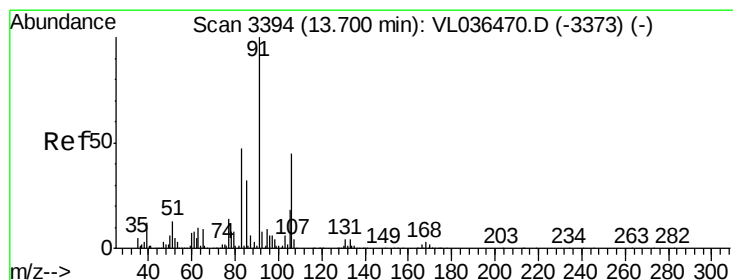
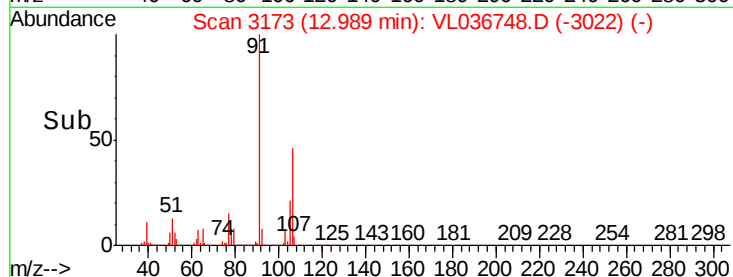
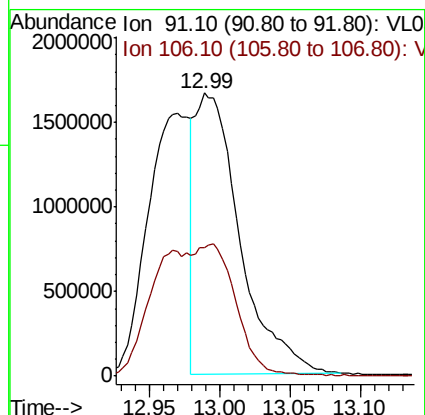
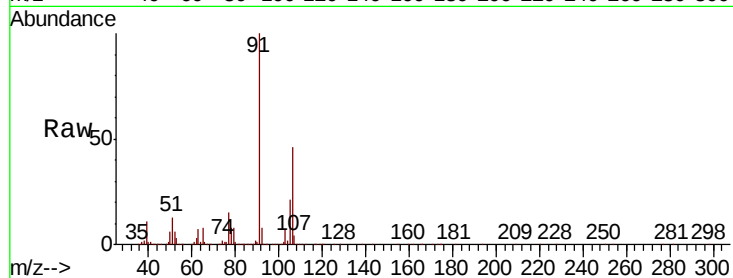




#59
m/p-Xylene
Concen: 9.710 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

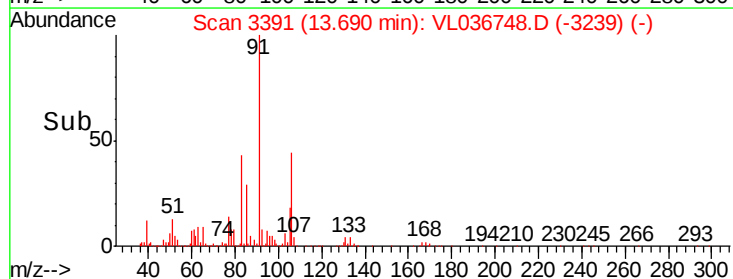
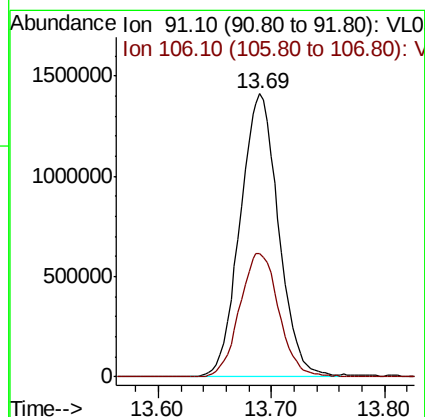
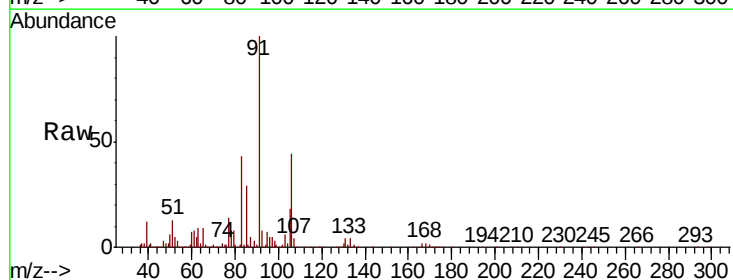
Instrument :
MSVOA_L
ClientSampleId :
VL0408ABS01

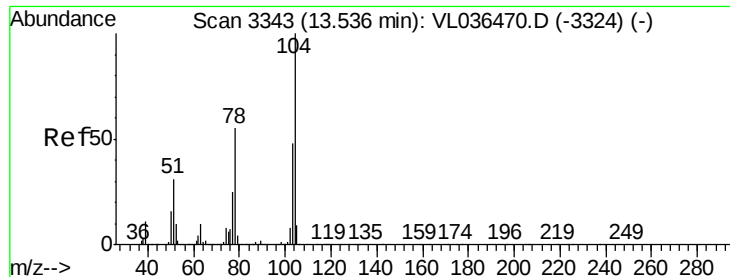
Tot Ion: 91 Resp: 3669505
Ion Ratio Lower Upper
91 100
106 84.9 35.3 52.9#



#60
o-Xylene
Concen: 9.082 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL036748.D
Acq: 8 Apr 2021 12:47

Tgt Ion: 91 Resp: 3318436
Ion Ratio Lower Upper
91 100
106 44.9 22.3 66.9





#61

Stvrene

Concen: 9.764 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

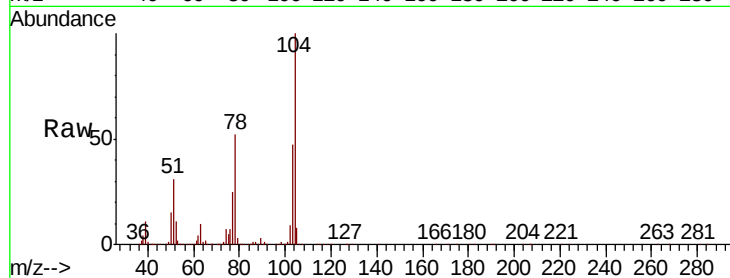
Tot Ion:104 Resp: 1794794

Ion Ratio Lower Upper

104 100

78 54.4 43.8 65.8

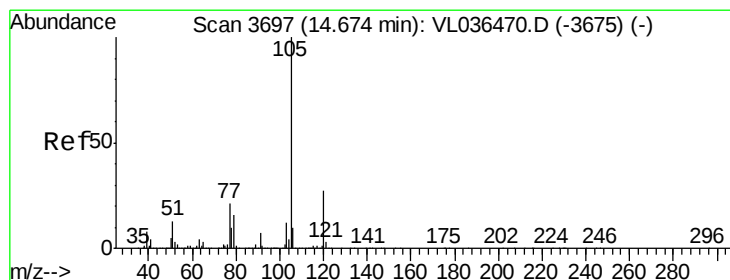
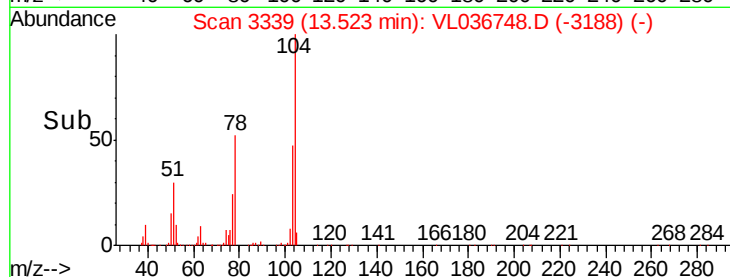
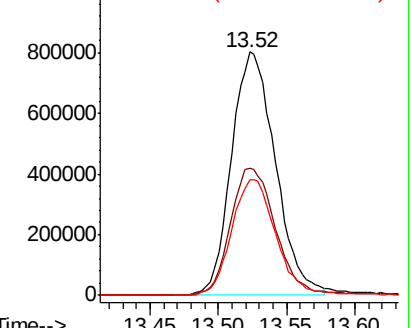
103 48.1 38.3 57.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.404 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. -0.01 min

Lab File: VL036748.D

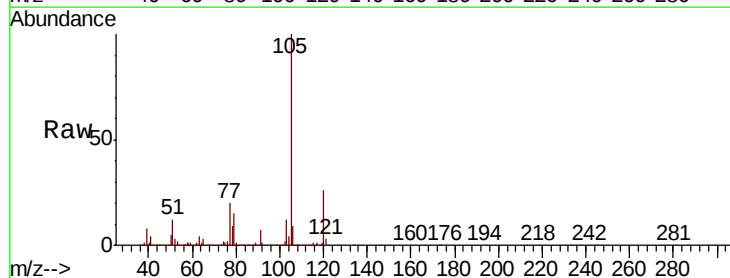
Acq: 8 Apr 2021 12:47

Tgt Ion:105 Resp: 4627328

Ion Ratio Lower Upper

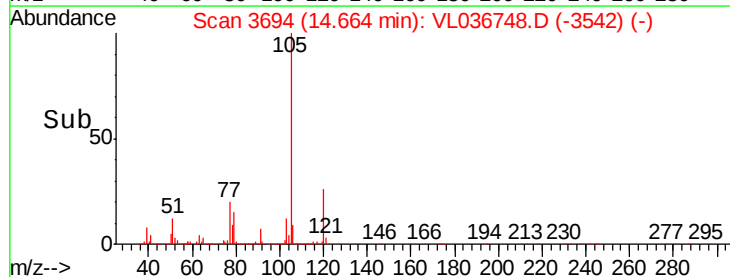
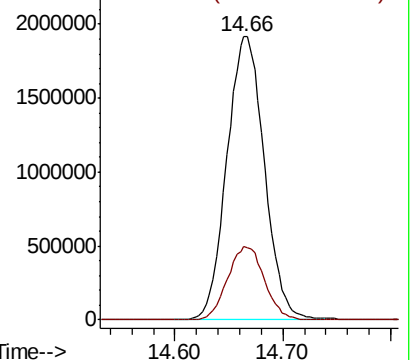
105 100

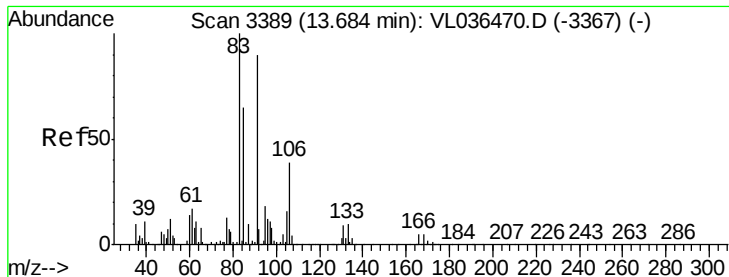
120 25.7 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

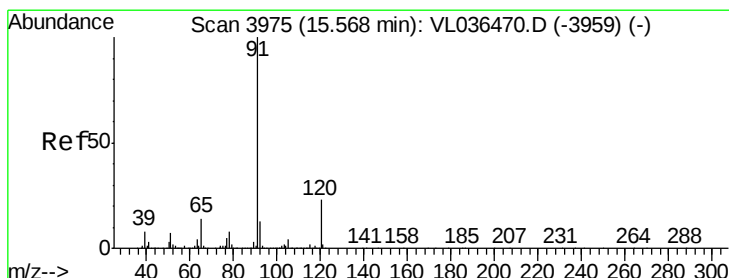
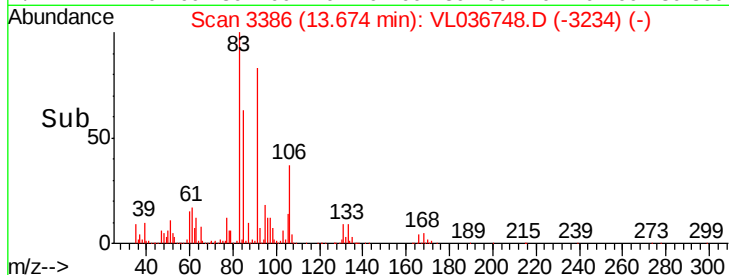
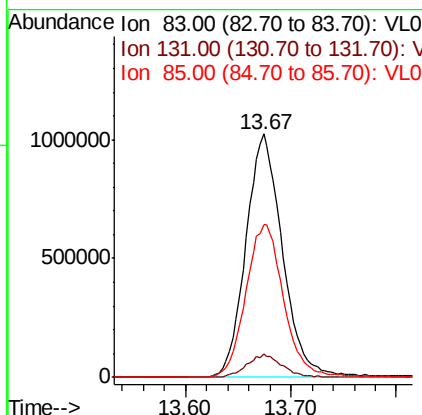
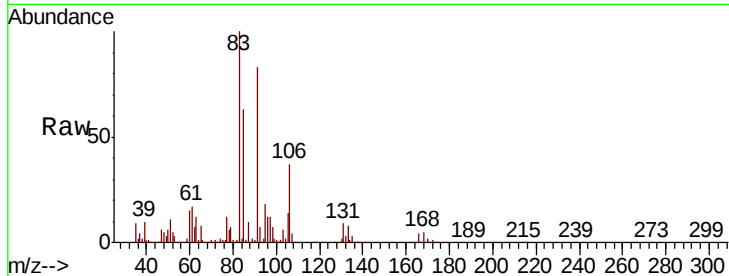




#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.818 ppbv
 RT: 13.67 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

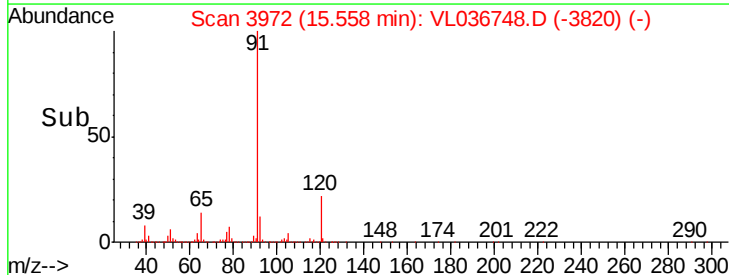
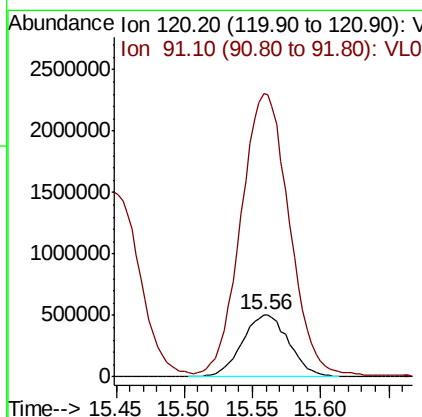
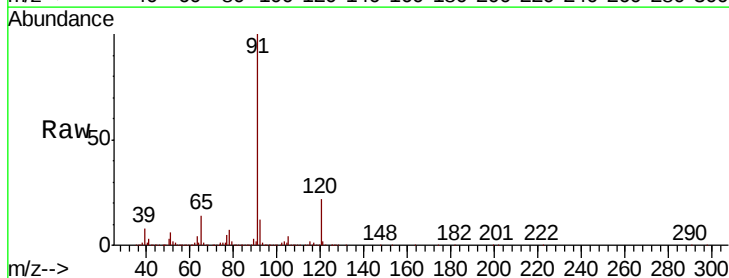
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

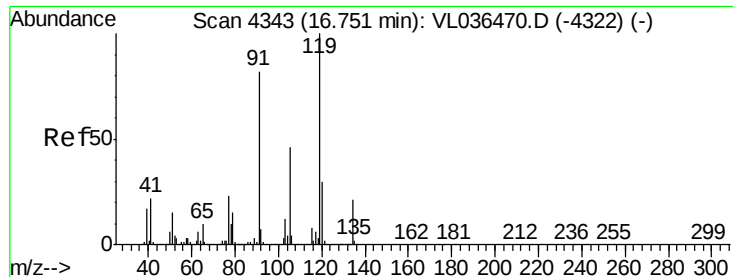
Tot Ion: 83 Resp: 2457807
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.7 14.0
 85 65.4 33.1 99.3



#64
 n-propylbenzene
 Concen: 9.998 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion:120 Resp: 1202817
 Ion Ratio Lower Upper
 120 100
 91 475.0 377.4 566.2





#65

tert-Butylbenzene

Concen: 9.466 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

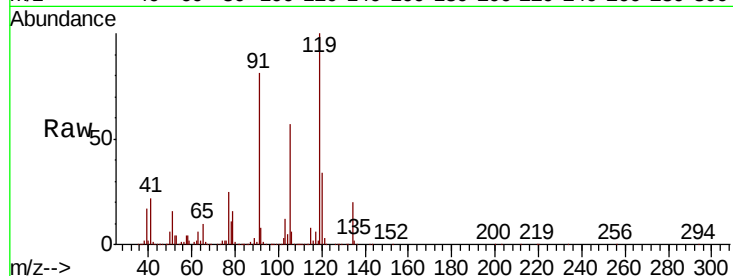
Tot Ion:119 Resp: 4038750

Ion Ratio Lower Upper

119 100

91 84.3 67.5 101.3

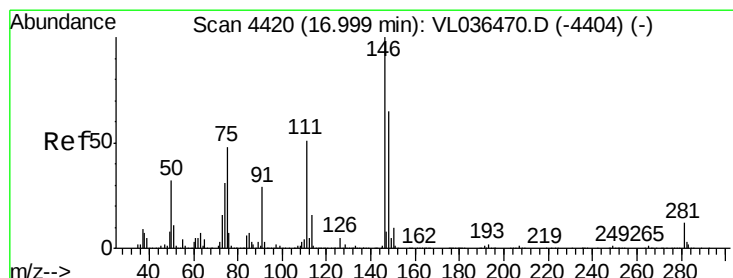
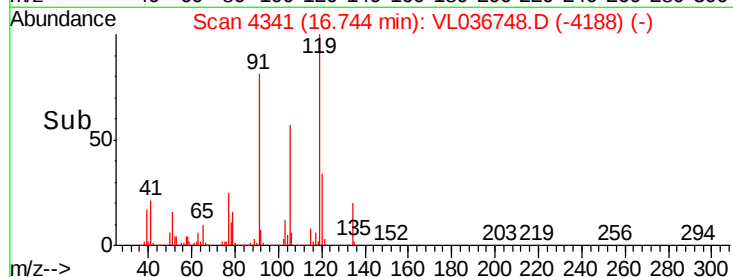
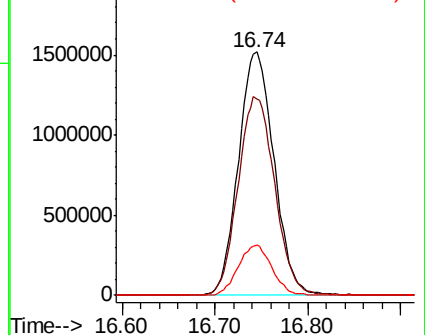
134 19.7 15.8 23.8



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: 6.506 ppbv

RT: 16.99 min Scan# 4416

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

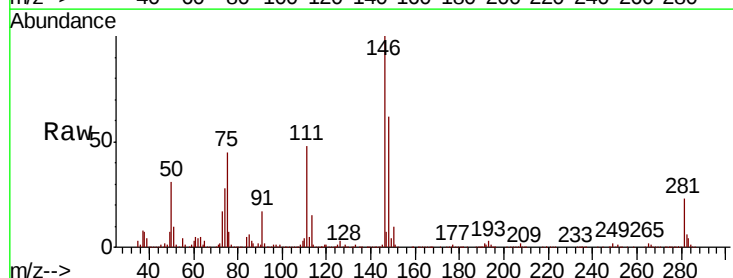
Tgt Ion: 91 Resp: 306856

Ion Ratio Lower Upper

91 100

126 17.9 13.5 20.3

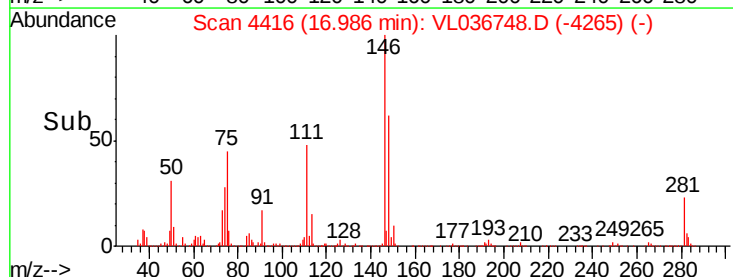
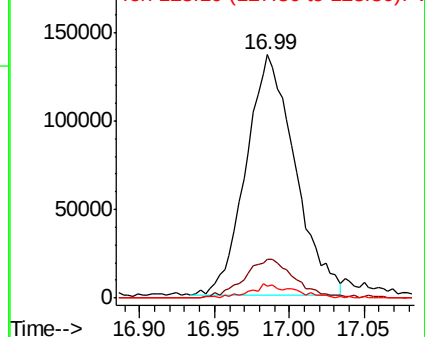
128 5.8 4.2 6.4

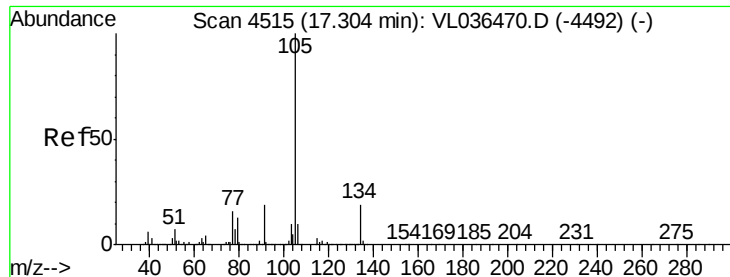


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 9.432 ppbv

RT: 17.29 min Scan# 4512

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

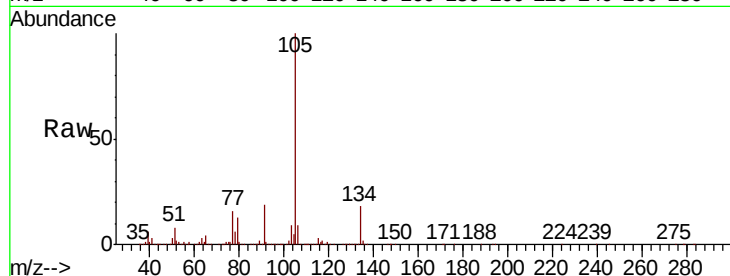
VL0408ABS01

Tot Ion:105 Resp: 5680746

Ion Ratio Lower Upper

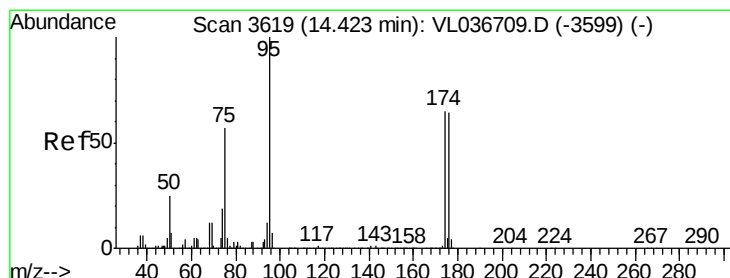
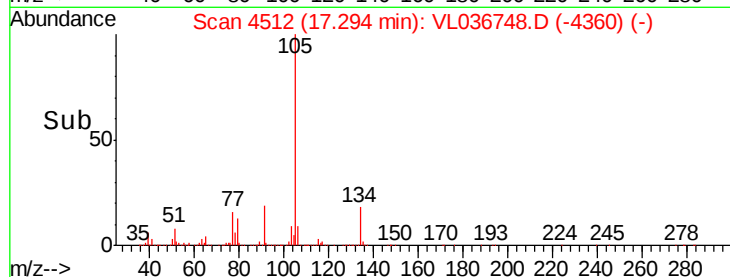
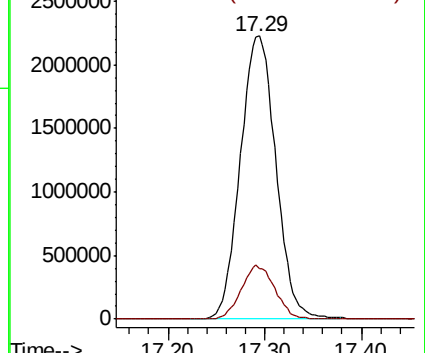
105 100

134 18.1 14.7 22.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.767 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

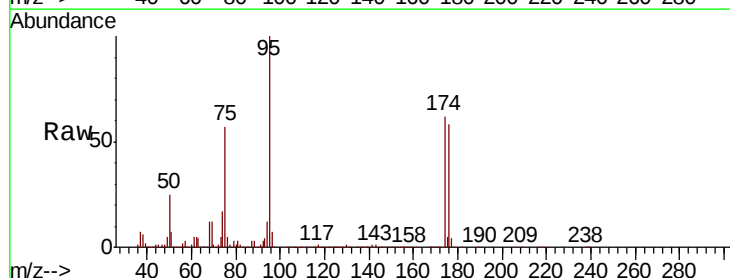
Tgt Ion: 95 Resp: 2318203

Ion Ratio Lower Upper

95 100

174 63.2 51.0 76.6

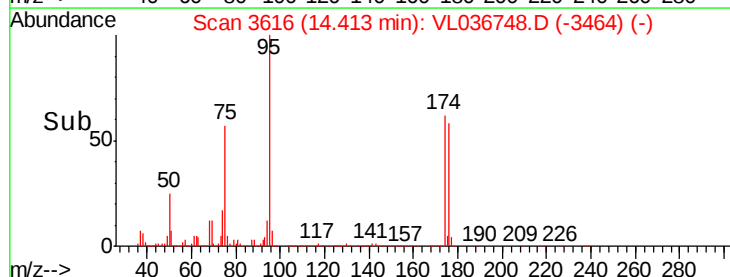
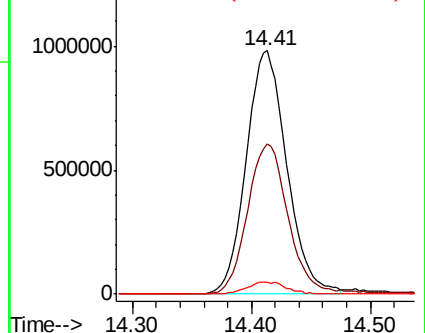
175 4.8 3.9 5.9

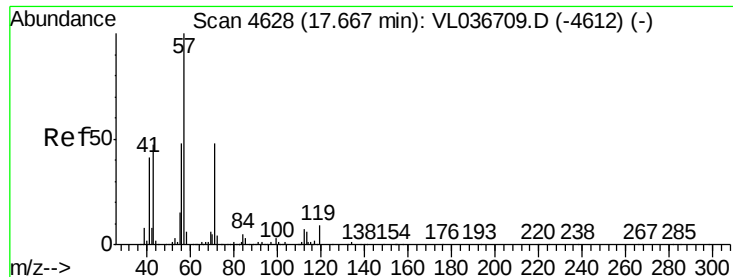


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

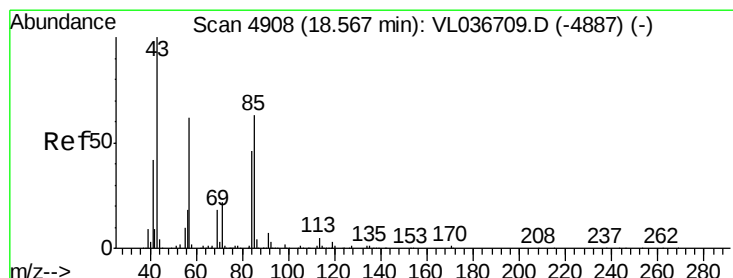
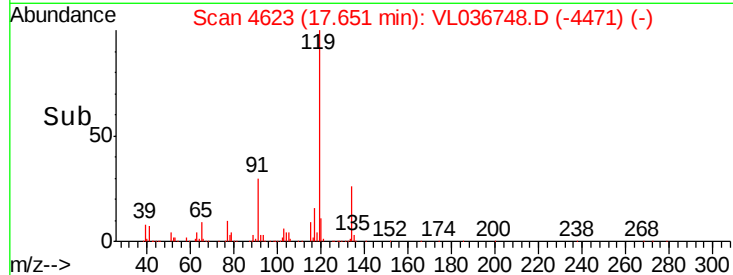
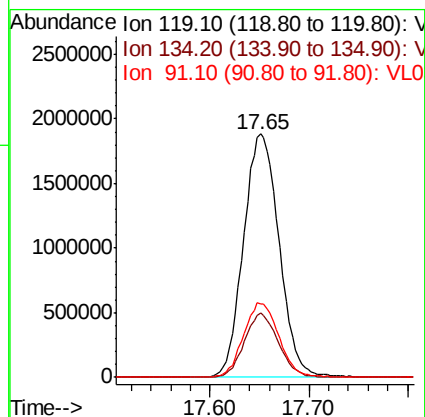
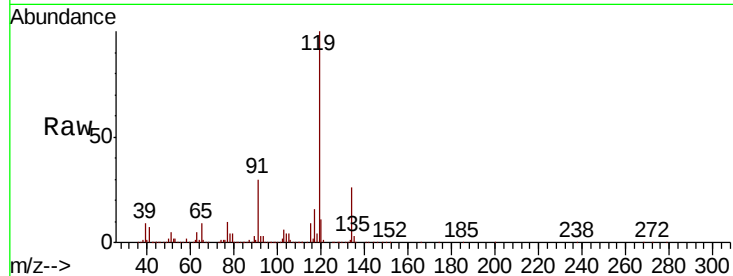




#69
 p-Isopropyltoluene
 Concen: 9.993 ppbv
 RT: 17.65 min Scan# 4623
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

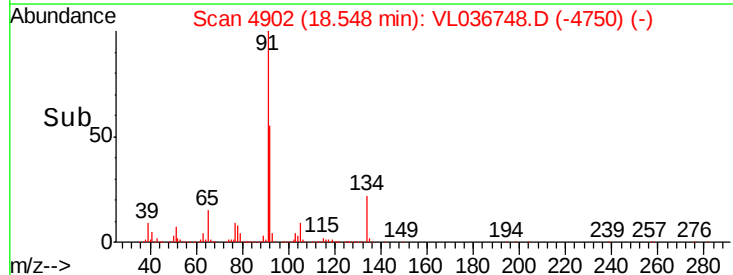
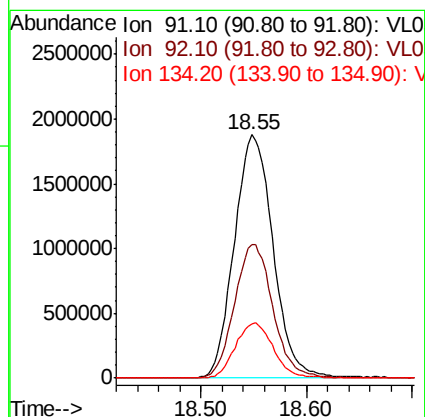
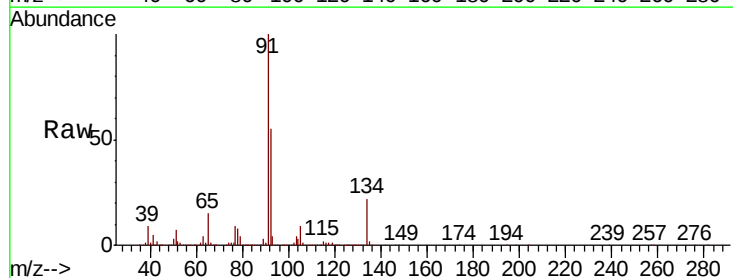
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

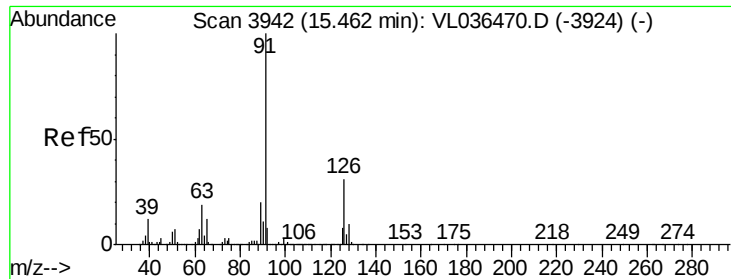
Tot Ion:119 Resp: 4699737
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.6 30.8
 91 30.5 25.0 37.6



#70
 n-Butylbenzene
 Concen: 9.827 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion: 91 Resp: 4792029
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.8 65.8
 134 22.5 18.0 27.0

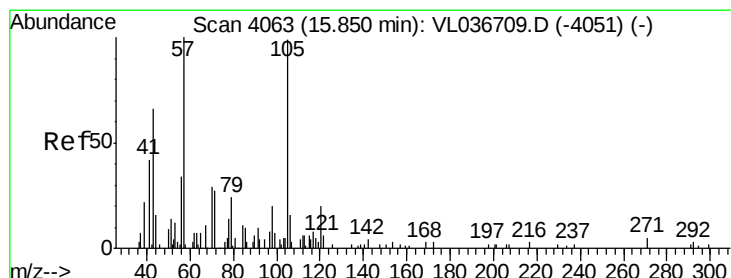
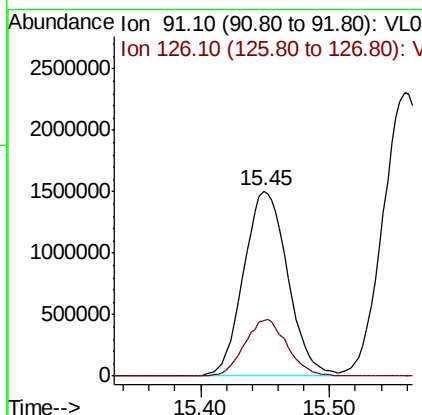
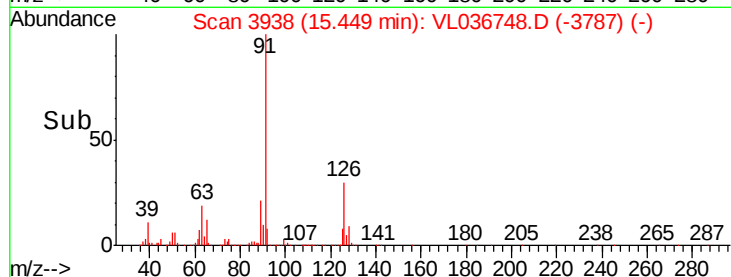
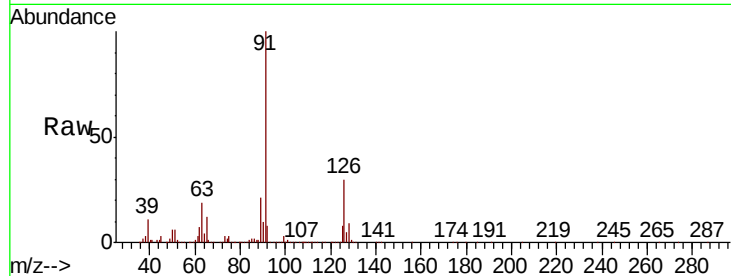




#71
 2-Chlorotoluene
 Concen: 9.705 ppbv
 RT: 15.45 min Scan# 3938
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

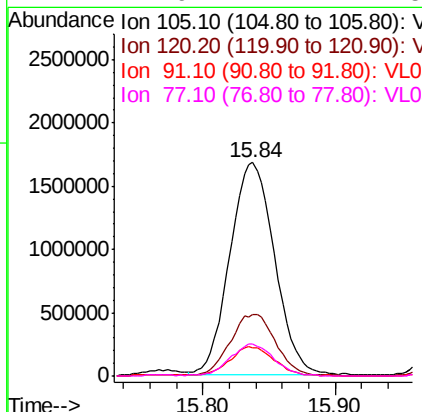
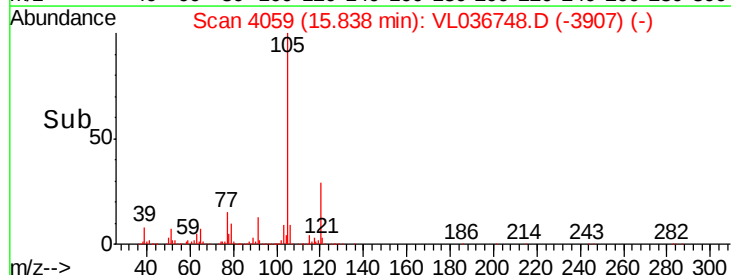
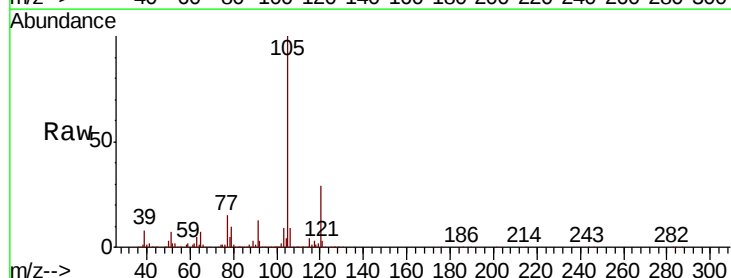
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

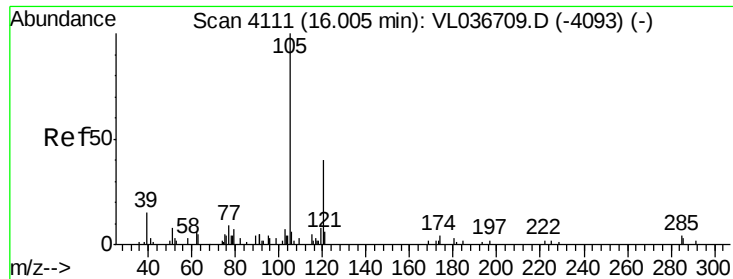
Tot Ion: 91 Resp: 3578536
 Ion Ratio Lower Upper
 91 100
 126 29.9 12.1 48.5



#72
 4-Ethyltoluene
 Concen: 9.747 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion:105 Resp: 3902578
 Ion Ratio Lower Upper
 105 100
 120 30.0 24.0 36.0
 91 13.5 11.0 16.4
 77 14.9 11.7 17.5

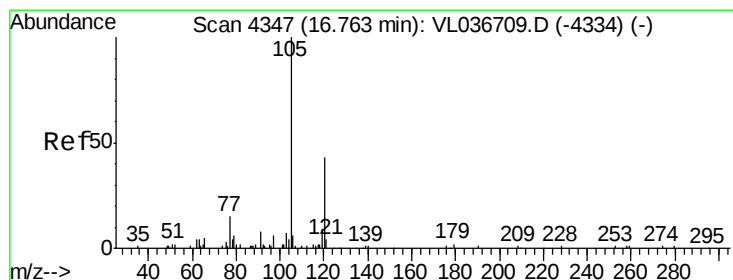
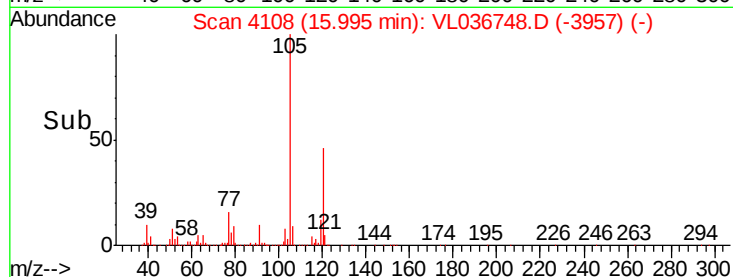
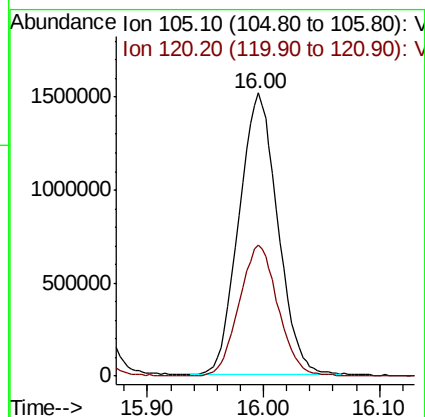
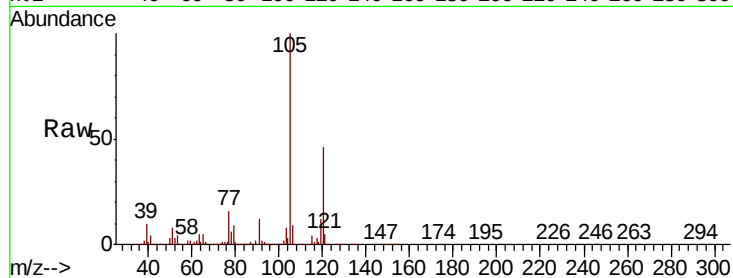




#73
 1,3,5-Trimethylbenzene
 Concen: 9.424 ppbv
 RT: 16.00 min Scan# 4108
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

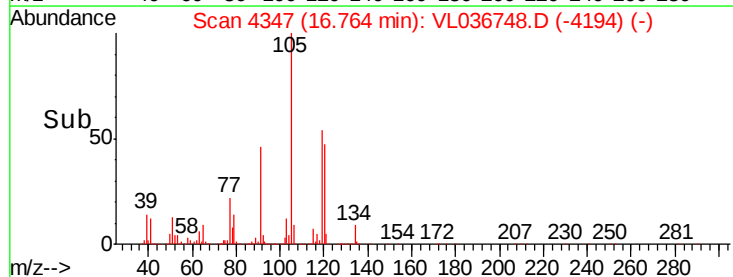
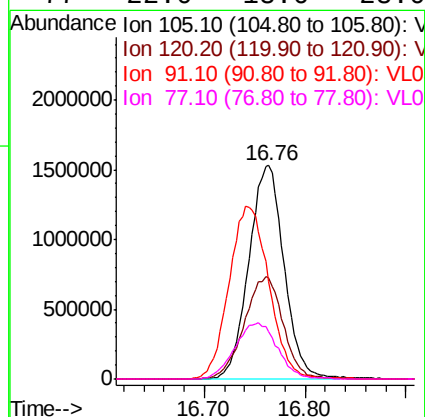
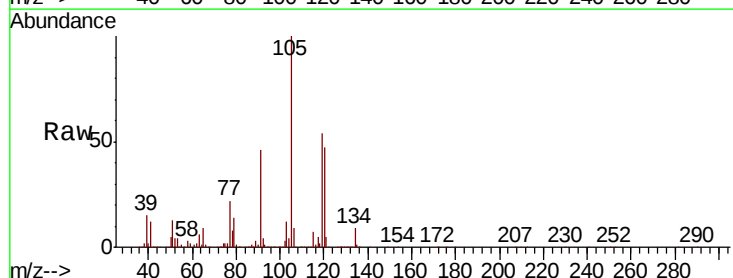
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

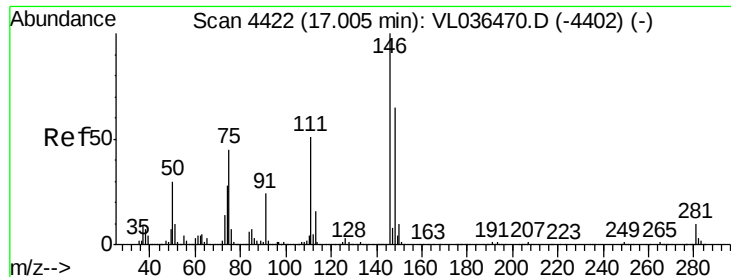
Tot Ion:105 Resp: 3521763
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.6 54.8



#74
 1,2,4-Trimethylbenzene
 Concen: 9.252 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion:105 Resp: 3699719
 Ion Ratio Lower Upper
 105 100
 120 47.2 39.2 58.8
 91 45.5 42.6 64.0
 77 22.0 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 9.647 ppbv

RT: 17.00 min Scan# 4419

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

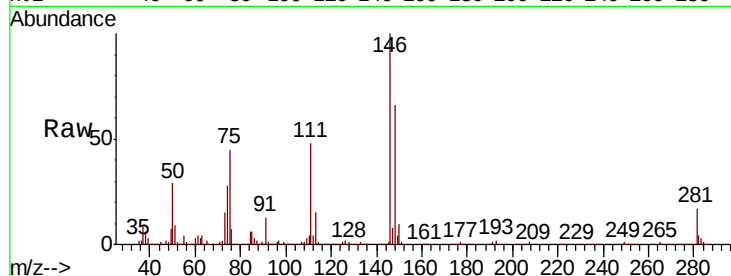
MSVOA_L

ClientSampleId :

VL0408ABS01

Tot Ion:146 Resp: 2171462

Ion	Ratio	Lower	Upper
146	100		
111	48.8	24.5	73.5
148	64.5	32.3	96.9

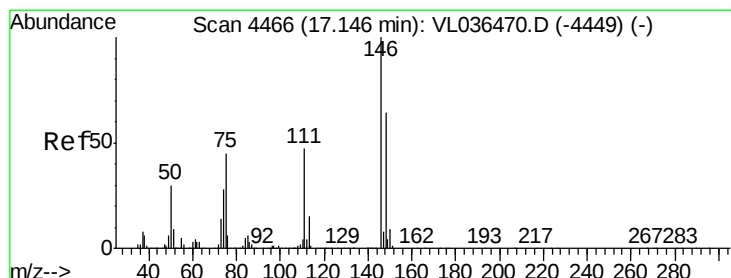
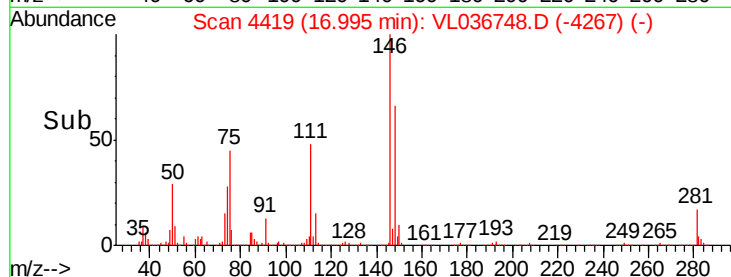
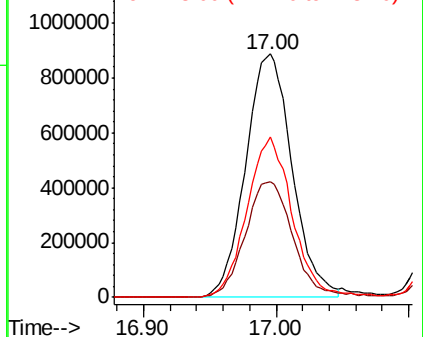


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 9.436 ppbv

RT: 17.14 min Scan# 4463

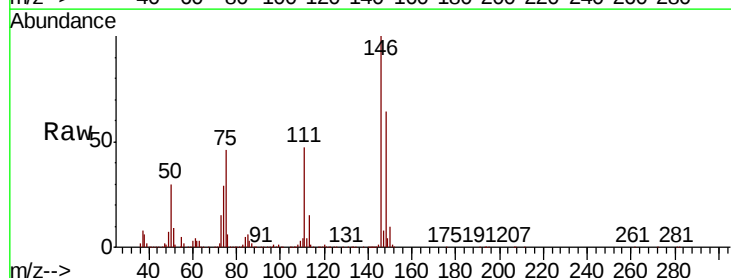
Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Tgt Ion:146 Resp: 2108737

Ion	Ratio	Lower	Upper
146	100		
111	47.7	24.3	72.8
148	65.7	33.0	98.9

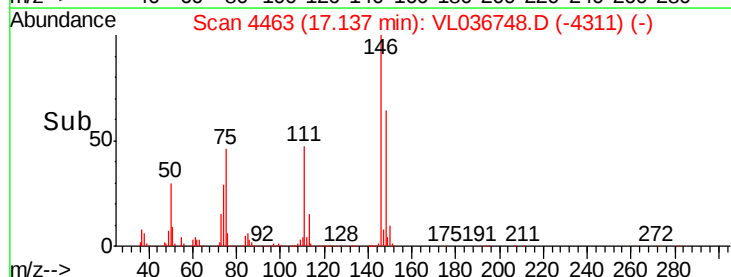
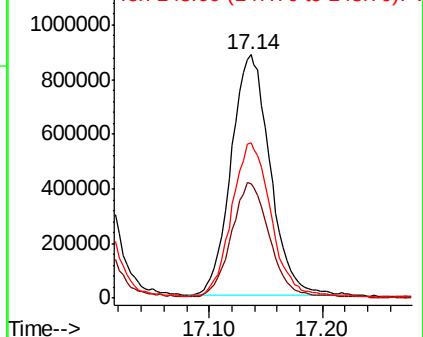


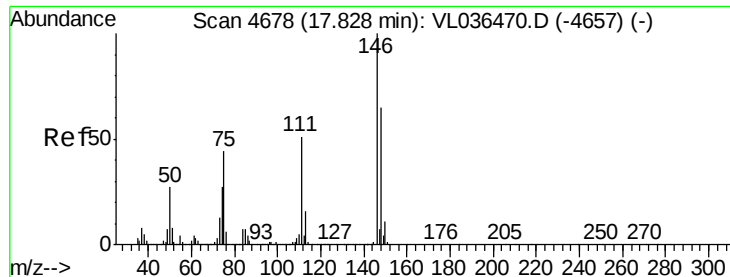
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

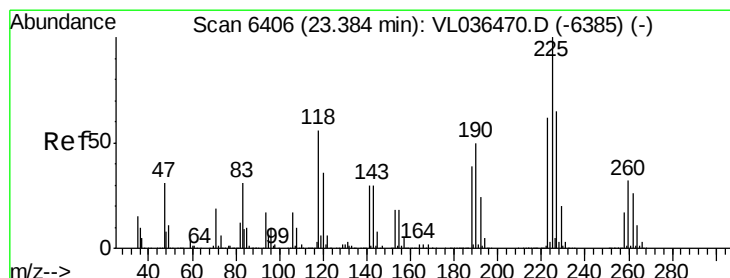
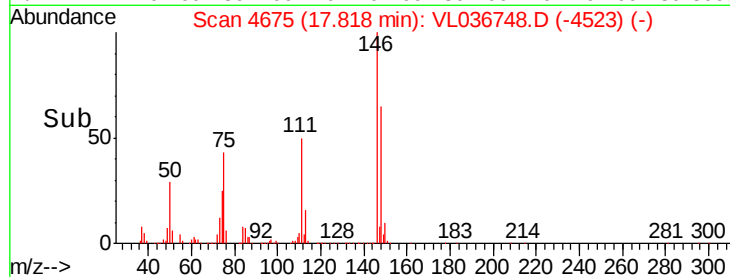
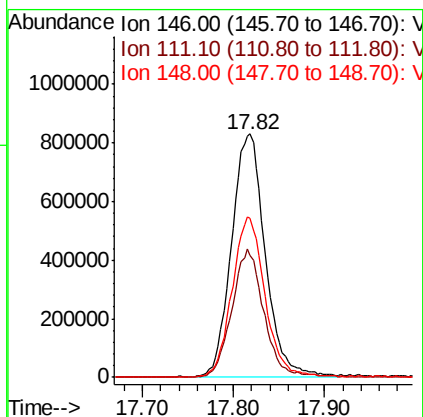
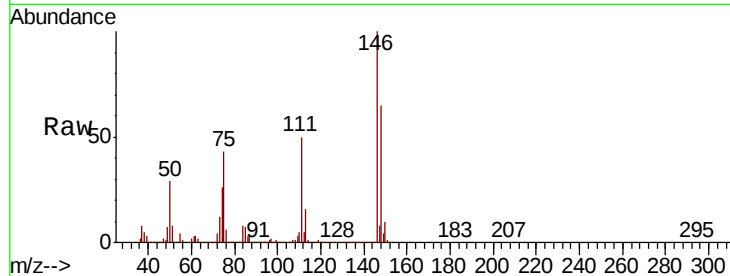




#77
 1,2-Dichlorobenzene
 Concen: 10.077 ppbv
 RT: 17.82 min Scan# 4675
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

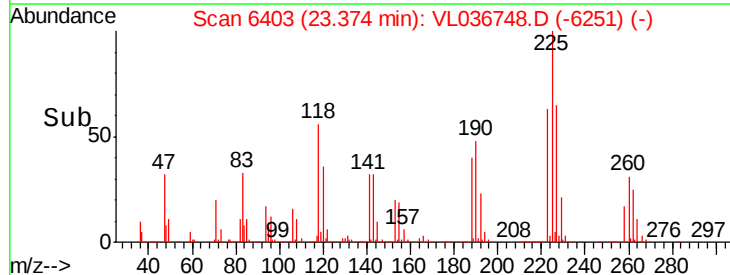
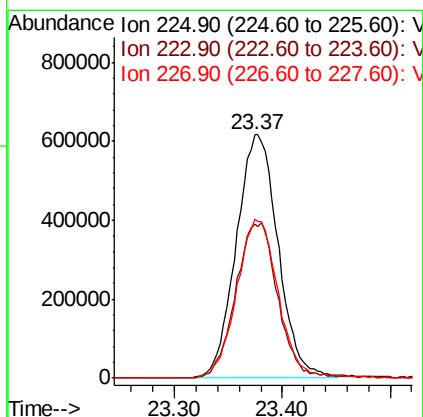
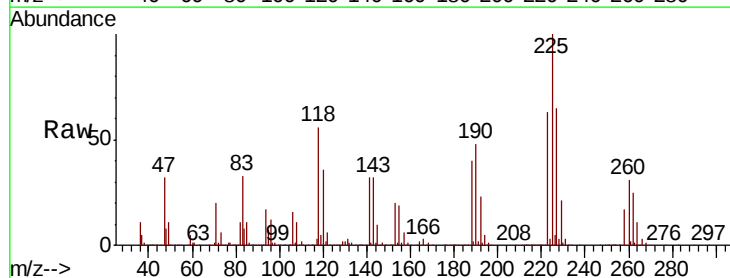
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

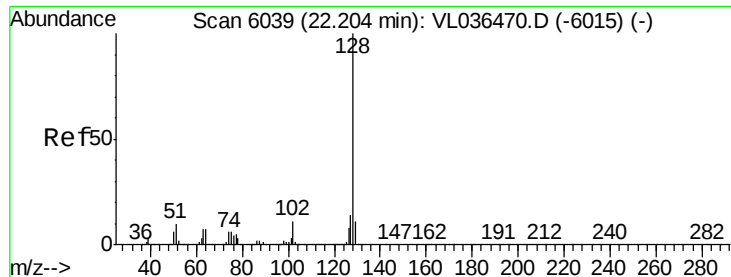
Tot Ion:146 Resp: 2132230
 Ion Ratio Lower Upper
 146 100
 111 50.1 25.5 76.5
 148 64.3 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.776 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Tgt Ion:225 Resp: 1662922
 Ion Ratio Lower Upper
 225 100
 223 64.6 50.6 75.8
 227 65.3 52.2 78.2





#79

Naphthalene

Concen: 11.008 ppbv

RT: 22.20 min Scan# 6037

Delta R.T. -0.01 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

Instrument :

MSVOA_L

ClientSampleId :

VL0408ABS01

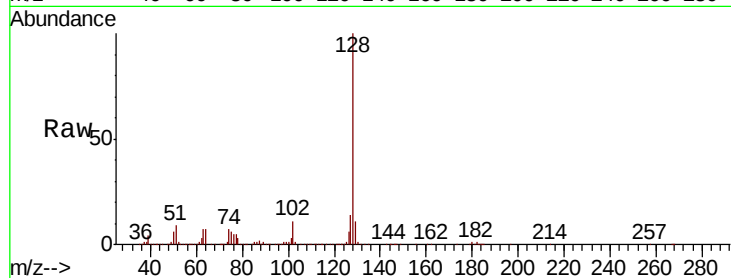
Tot Ion:128 Resp: 2568751

Ion Ratio Lower Upper

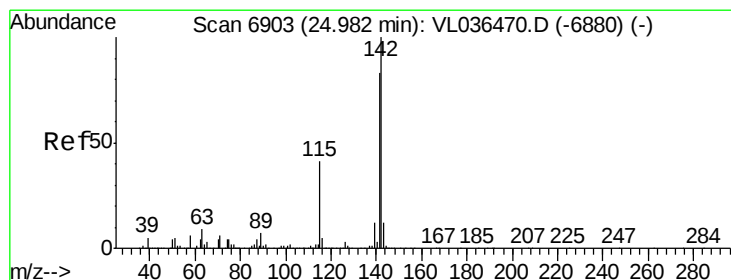
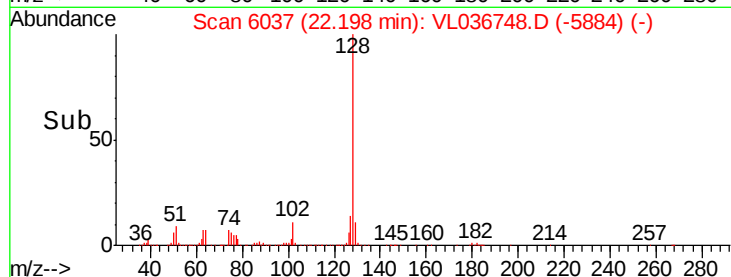
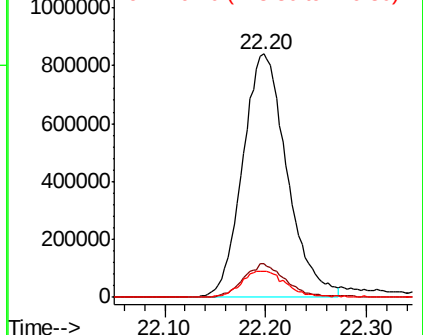
128 100

127 13.6 10.9 16.3

129 10.9 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 7.938 ppbv

RT: 24.98 min Scan# 6903

Delta R.T. -0.00 min

Lab File: VL036748.D

Acq: 8 Apr 2021 12:47

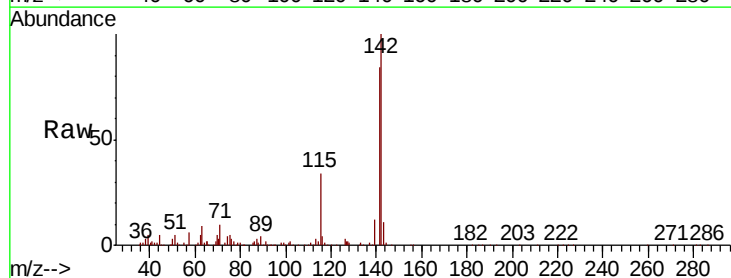
Tgt Ion:142 Resp: 365255

Ion Ratio Lower Upper

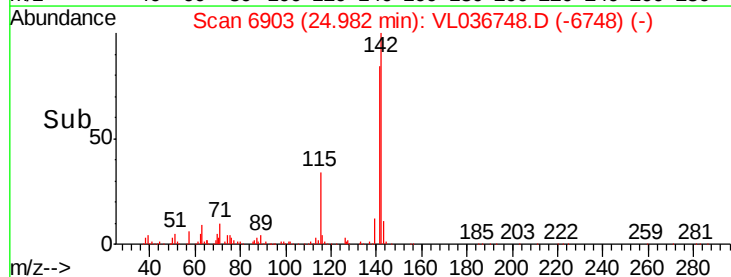
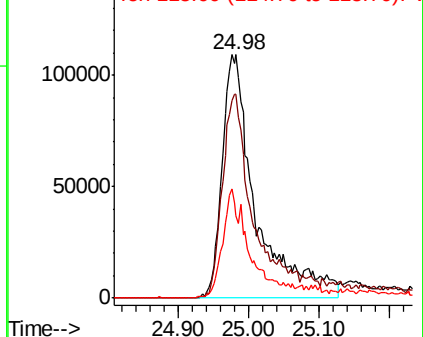
142 100

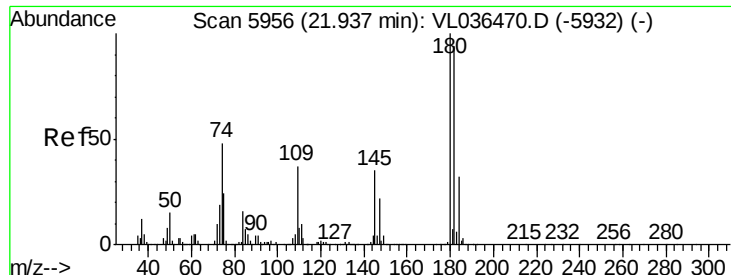
141 85.2 67.8 101.8

115 37.2 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

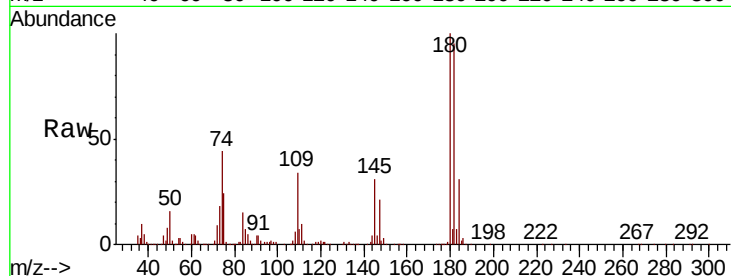




#81
 1,2,4-Trichlorobenzene
 Concen: 10.910 ppbv
 RT: 21.93 min Scan# 5954
 Delta R.T. -0.01 min
 Lab File: VL036748.D
 Acq: 8 Apr 2021 12:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0408ABS01

Tot Ion:180 Resp: 1571864
 Ion Ratio Lower Upper
 180 100
 182 99.3 80.8 121.2
 184 31.2 25.0 37.4



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

