

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041791.D
 Acq On : 18 Dec 2024 12:59
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Quant Time: Dec 19 07:53:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.790	49	68824	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	176743	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	149550	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	130797	10.495	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.557	85	4488	0.366	ppbv	92
3) Chlorodifluoromethane	1.476	51	4423	0.394	ppbv	94
4) Chloromethane	1.534	50	2126	0.444	ppbv #	77
5) Vinyl Chloride	1.583	62	2003	0.415	ppbv	90
6) Bromomethane	1.670	94	967	0.424	ppbv	92
7) Chloroethane	1.706	64	881	0.470	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	4488	0.409	ppbv	100
9) Propene	1.483	41	1669	0.343	ppbv	84
10) Heptane	4.988	43	1910	0.153	ppbv #	29
11) Trichlorofluoromethane	1.881	101	5717	0.440	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.143	101	4016	0.406	ppbv	99
13) Ethanol	1.725	45	318	0.789	ppbv	97
14) Bromoethene	1.784	108	1111	0.333	ppbv #	81
15) Acetone	1.839	43	7438	0.555	ppbv	97
16) 1,3-Butadiene	1.612	39	2316	0.439	ppbv	94
17) tert-Butyl alcohol	2.046	59	5093	0.383	ppbv	98
18) 1,1-Dichloroethene	2.036	96	1706	0.411	ppbv	95
19) Isopropyl Alcohol	1.891	45	3900	0.485	ppbv #	38
20) Methylene Chloride	2.065	84	2219	0.581	ppbv	96
21) Allyl Chloride	2.101	41	2695	0.371	ppbv #	75
22) trans-1,2-Dichloroethene	2.344	96	1966	0.414	ppbv	83
23) Vinyl Acetate	2.463	43	1347	0.217	ppbv #	62
24) 1,1-Dichloroethane	2.412	63	3836	0.399	ppbv	98
25) Ethyl Acetate	2.845	43	7073	0.284	ppbv	98
26) Hexane	2.832	57	2507	0.265	ppbv #	81
27) Carbon Disulfide	2.153	76	2092	0.246	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	2603	0.339	ppbv #	85
29) Chloroform	2.855	83	5796	0.402	ppbv	89
30) Cyclohexane	3.868	84	981	0.122	ppbv #	1
31) cis-1,2-Dichloroethene	2.344	61	3423	0.350	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	4971	0.339	ppbv	94
34) 2-Butanone	2.564	43	5055	0.356	ppbv	100
35) Carbon Tetrachloride	3.768	117	2637	0.210	ppbv	91
36) Benzene	3.664	78	5832	0.319	ppbv #	92
37) 1,2-Dichloroethane	3.221	62	4480	0.394	ppbv	98
38) Trichloroethene	4.554	130	2151	0.277	ppbv #	72
39) 1,2-Dichloropropane	4.315	63	879	0.133	ppbv #	91
40) 1,4-Dioxane	4.613	88	238	0.074	ppbv #	20
41) Tetrahydrofuran	3.072	42	1748	0.219	ppbv #	87
42) Bromodichloromethane	4.496	83	2314	0.177	ppbv	87
43) Methyl Methacrylate	4.894	69	1268	0.182	ppbv #	77
44) 2,2,4-Trimethylpentane	4.651	57	5064	0.162	ppbv #	42
45) t-1,3-Dichloropropene	6.428	75	874	0.121	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041791.D
 Acq On : 18 Dec 2024 12:59
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

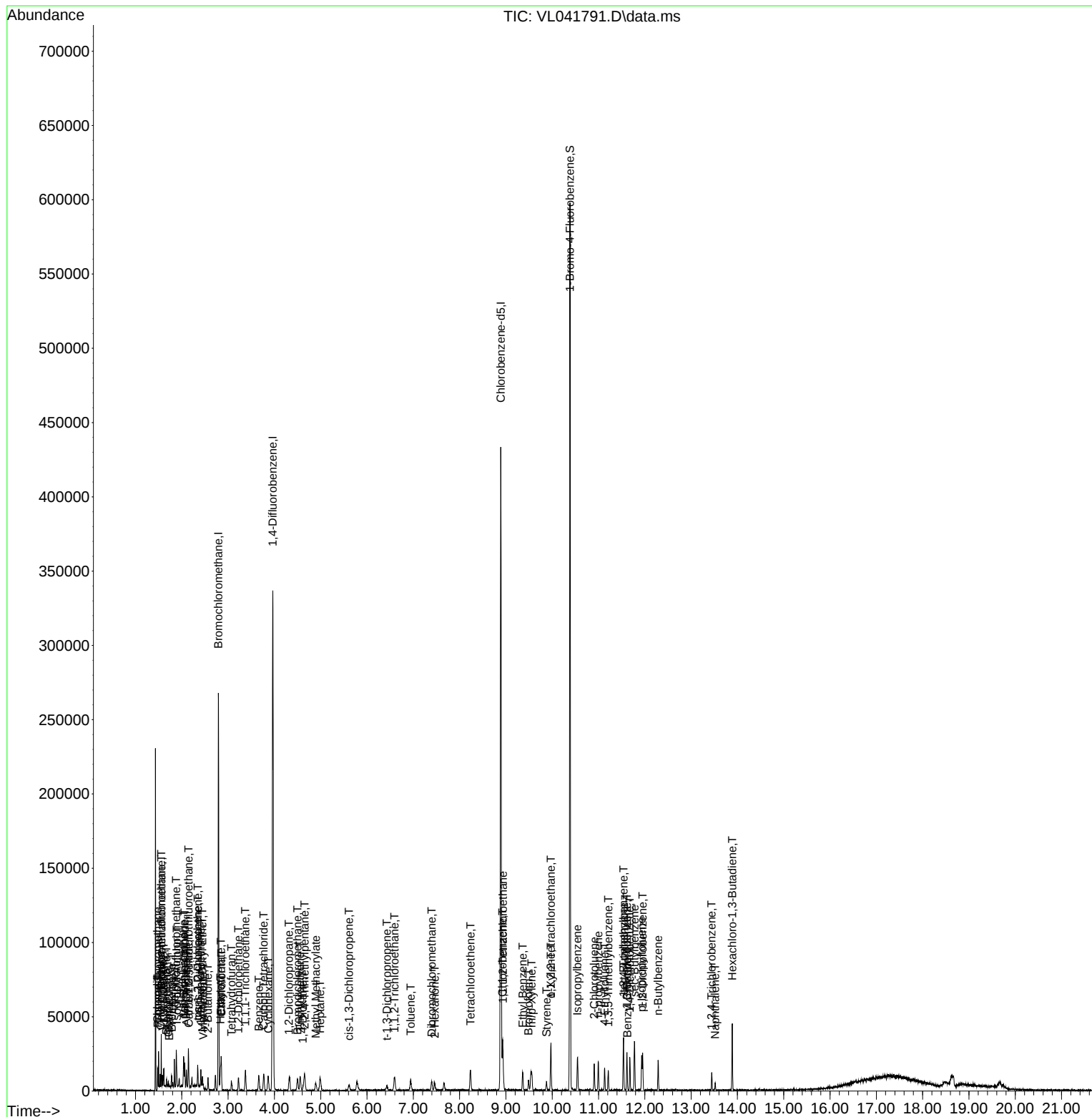
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

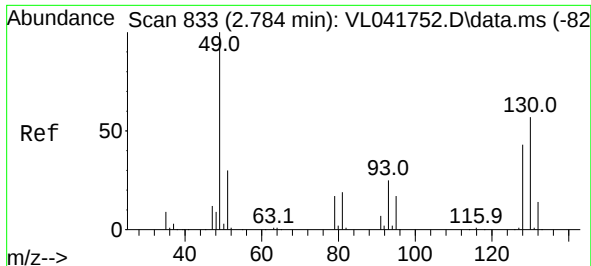
Quant Time: Dec 19 07:53:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	1116	0.122	ppbv #	84
47) 1,1,2-Trichloroethane	6.593	97	745	0.108	ppbv #	39
48) Dibromochloromethane	7.396	129	2502	0.265	ppbv	92
49) Bromoform	9.487	173	1896	0.246	ppbv	88
51) 2-Hexanone	7.461	43	3210	0.205	ppbv #	97
52) Tetrachloroethene	8.238	164	1144	0.168	ppbv #	80
53) Toluene	6.946	91	2057	0.099	ppbv #	1
56) 1,1,1,2-Tetrachloroethane	8.937	131	1297	0.164	ppbv #	1
57) Chlorobenzene	8.927	112	6147	0.402	ppbv	95
58) Ethyl Benzene	9.361	91	6214	0.231	ppbv	96
59) m/p-Xylene	9.555	91	4768	0.220	ppbv #	100
60) o-Xylene	9.972	91	4872	0.224	ppbv	99
61) Styrene	9.879	104	2011	0.214	ppbv	92
62) Isopropylbenzene	10.542	105	9065	0.278	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.972	83	5357	0.394	ppbv	97
64) n-propylbenzene	10.995	120	2010	0.244	ppbv	94
65) tert-Butylbenzene	11.539	119	6064	0.206	ppbv	92
66) Benzyl Chloride	11.626	91	166	0.064	ppbv #	66
67) sec-Butylbenzene	11.775	105	9538	0.234	ppbv	99
69) p-Isopropyltoluene	11.931	119	7005	0.209	ppbv	97
70) n-Butylbenzene	12.287	91	6332	0.195	ppbv	96
71) 2-Chlorotoluene	10.908	91	6411	0.258	ppbv	100
72) 4-Ethyltoluene	11.128	105	5226	0.204	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.212	105	4135	0.194	ppbv	89
74) 1,2,4-Trimethylbenzene	11.542	105	4748	0.208	ppbv #	95
75) 1,3-Dichlorobenzene	11.610	146	5507	0.378	ppbv	98
76) 1,4-Dichlorobenzene	11.675	146	4576	0.318	ppbv	97
77) 1,2-Dichlorobenzene	11.953	146	4756	0.339	ppbv	98
78) Hexachloro-1,3-Butadiene	13.886	225	3702	0.356	ppbv	95
79) Naphthalene	13.517	128	2048	0.129	ppbv #	92
81) 1,2,4-Trichlorobenzene	13.442	180	1725	0.198	ppbv	95

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

Quant Time: Dec 19 07:53:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.790 min Scan# 84

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

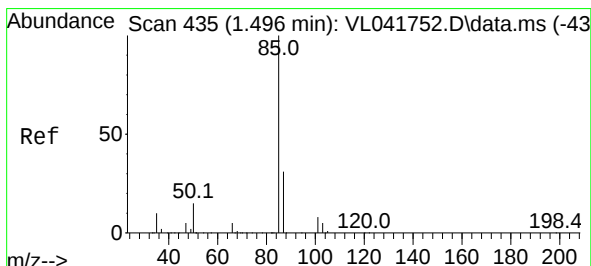
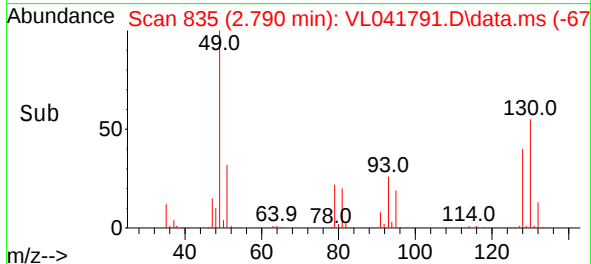
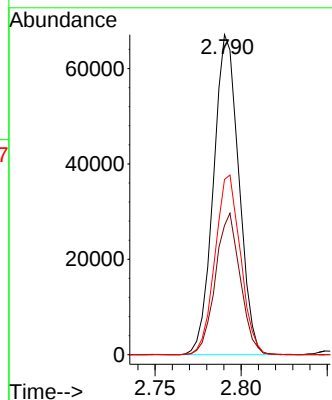
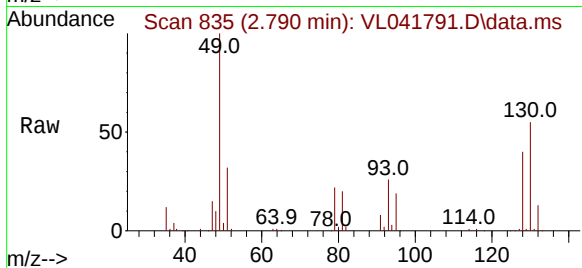
Tgt Ion: 49 Resp: 68824

Ion Ratio Lower Upper

49 100

128 43.2 21.6 64.6

130 56.5 28.3 85.0



#2

Dichlorodifluoromethane

Concen: 0.366 ppbv

RT: 1.557 min Scan# 454

Delta R.T. 0.061 min

Lab File: VL041791.D

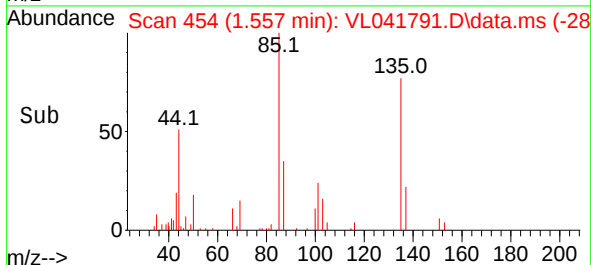
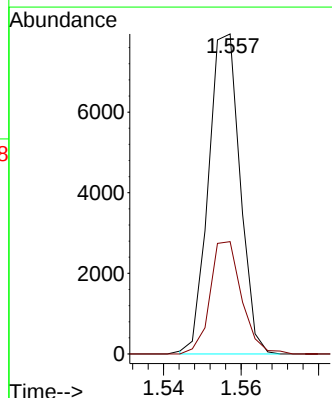
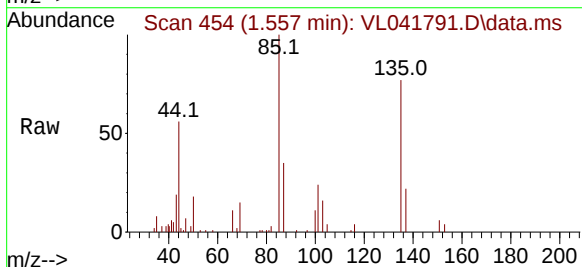
Acq: 18 Dec 2024 12:59

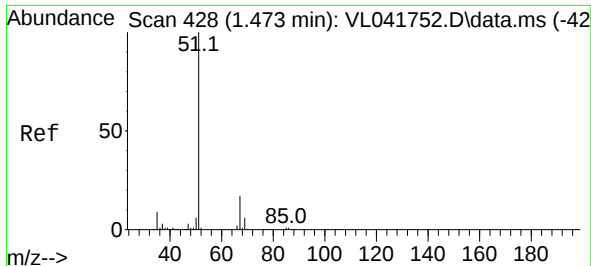
Tgt Ion: 85 Resp: 4488

Ion Ratio Lower Upper

85 100

87 35.1 24.5 36.7

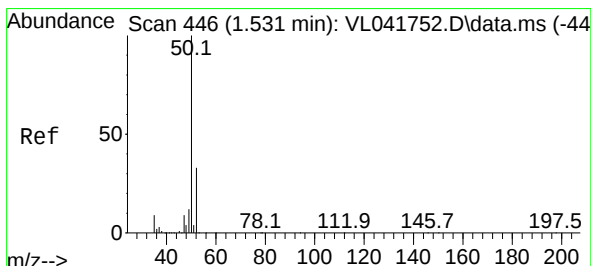
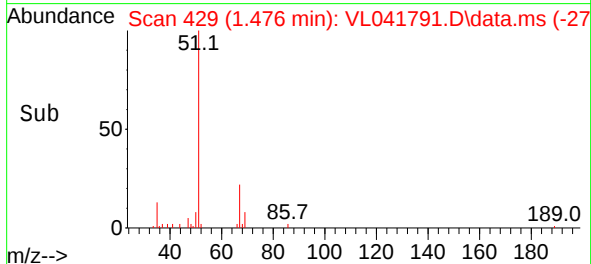
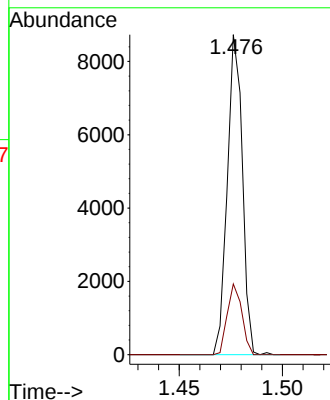
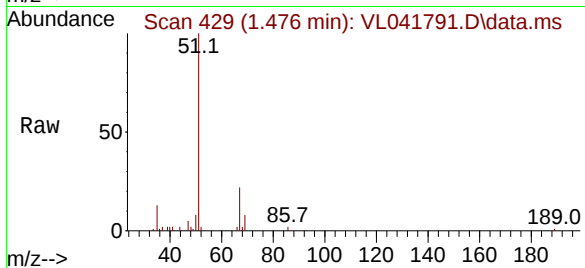




#3
Chlorodifluoromethane
Concen: 0.394 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

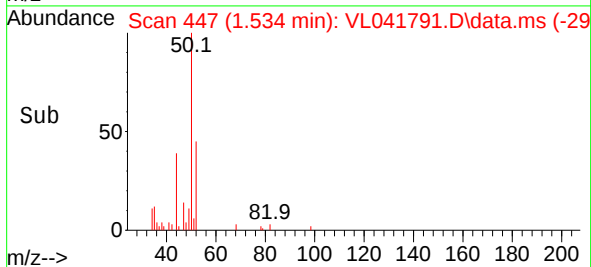
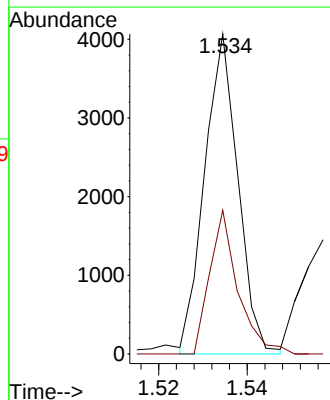
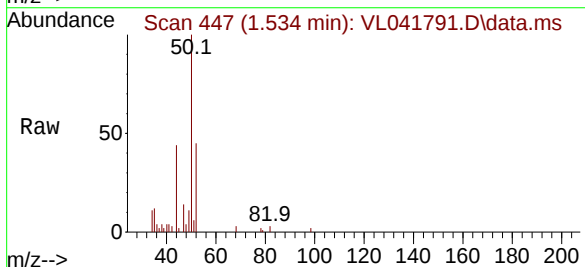
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

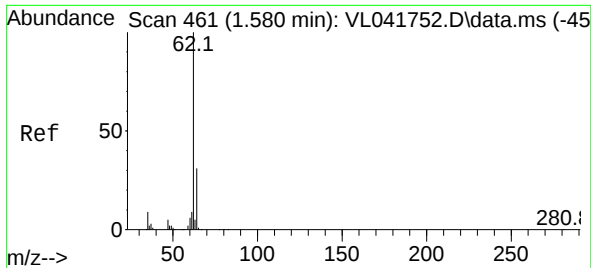
Tgt Ion: 51 Resp: 4423
Ion Ratio Lower Upper
51 100
67 21.3 15.0 22.4



#4
Chloromethane
Concen: 0.444 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion: 50 Resp: 2126
Ion Ratio Lower Upper
50 100
52 45.5 26.2 39.2#

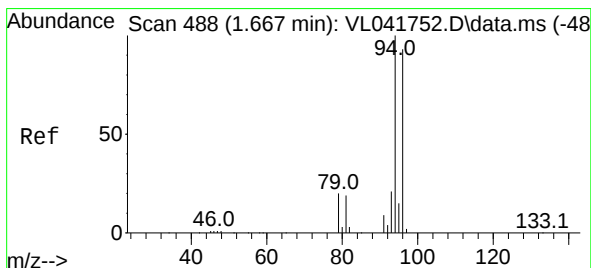
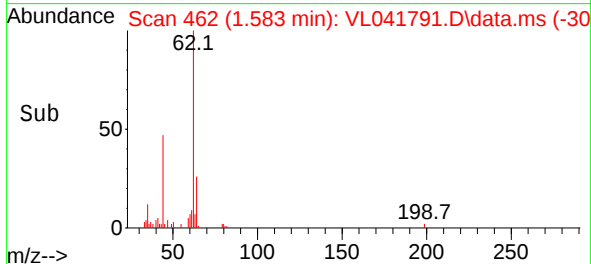
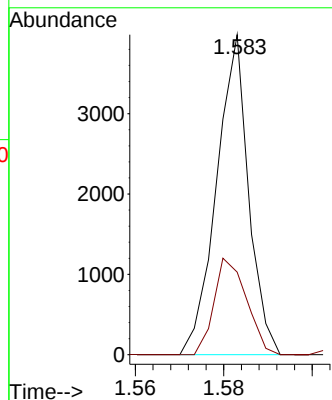
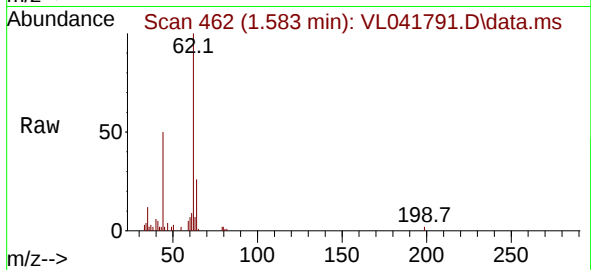




#5
 Vinyl Chloride
 Concen: 0.415 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL041791.D
 Acq: 18 Dec 2024 12:59

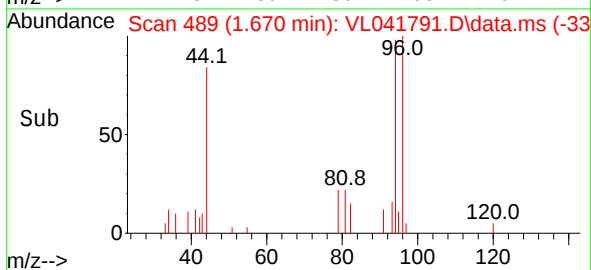
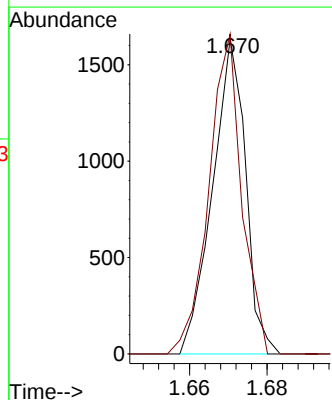
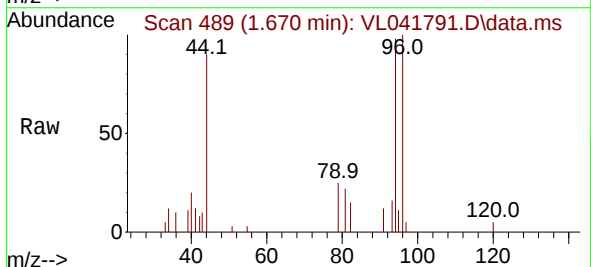
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.4

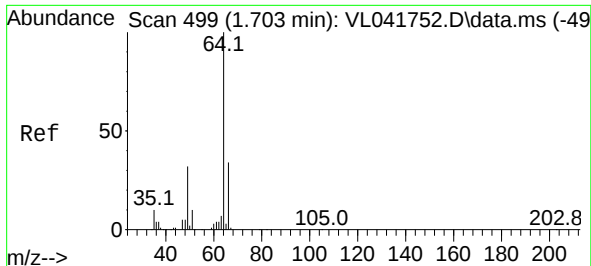
Tgt Ion: 62 Resp: 2003
 Ion Ratio Lower Upper
 62 100
 64 25.8 25.1 37.7



#6
 Bromomethane
 Concen: 0.424 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL041791.D
 Acq: 18 Dec 2024 12:59

Tgt Ion: 94 Resp: 967
 Ion Ratio Lower Upper
 94 100
 96 101.5 74.7 112.1

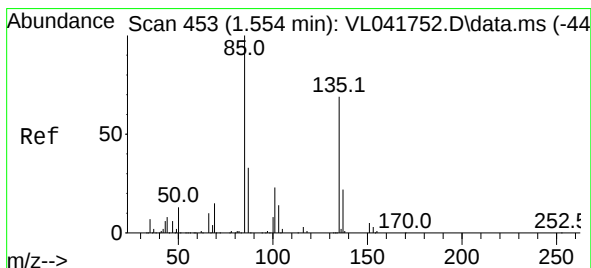
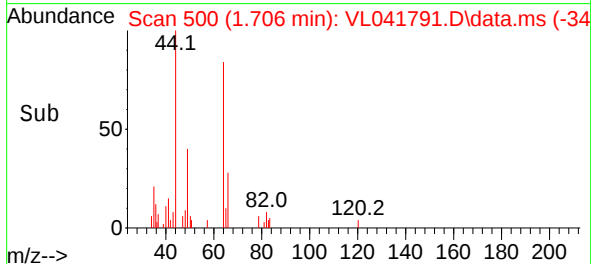
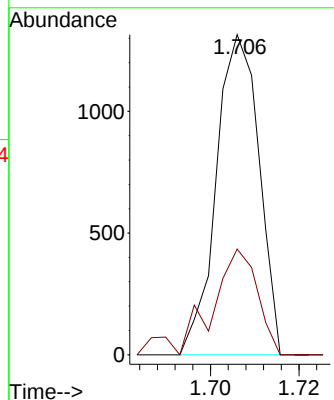
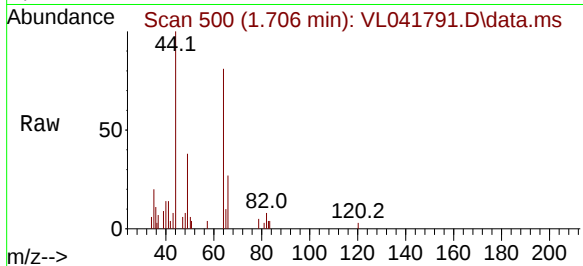




#7
Chloroethane
Concen: 0.470 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

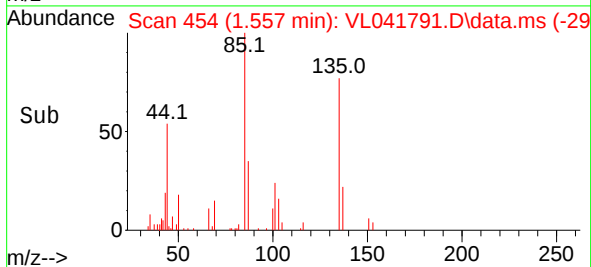
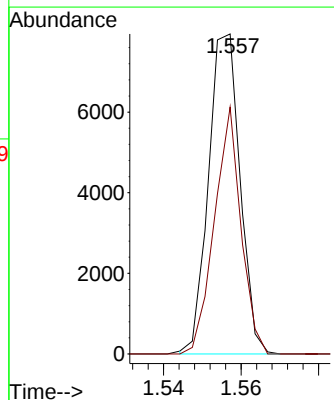
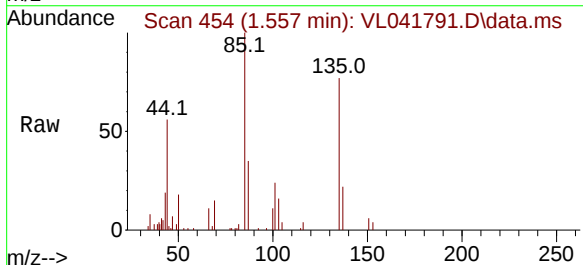
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

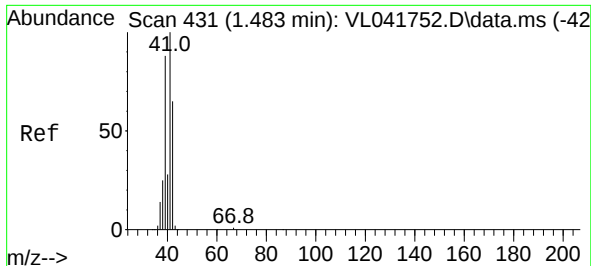
Tgt Ion: 64 Resp: 881
Ion Ratio Lower Upper
64 100
66 33.0 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 0.409 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion: 85 Resp: 4488
Ion Ratio Lower Upper
85 100
135 65.0 51.9 77.9





#9

Propene

Concen: 0.343 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

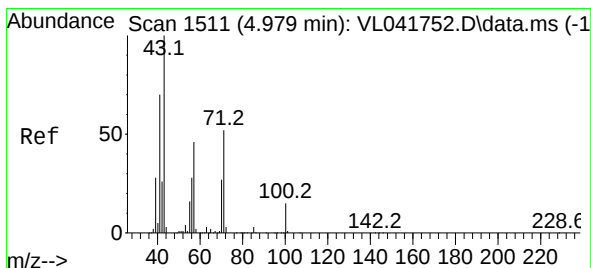
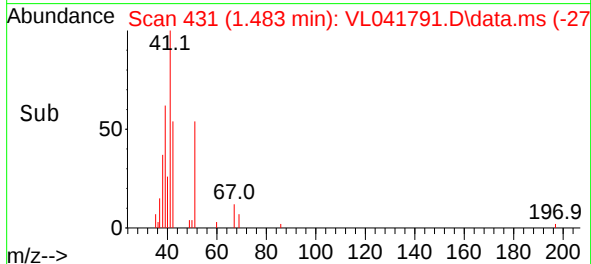
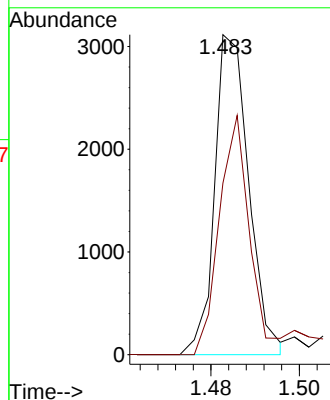
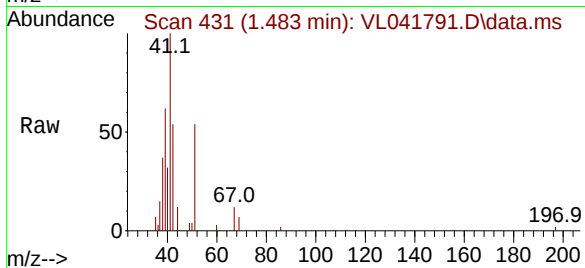
MDL 0.4

Tgt Ion: 41 Resp: 1669

Ion Ratio Lower Upper

41 100

42 77.9 52.4 78.6



#10

Heptane

Concen: 0.153 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.009 min

Lab File: VL041791.D

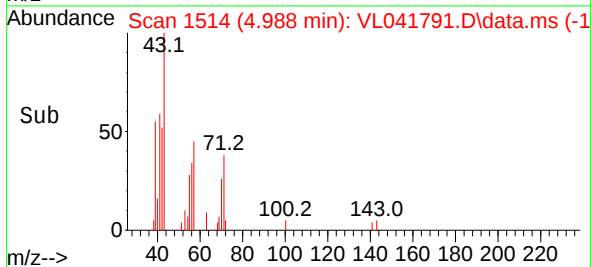
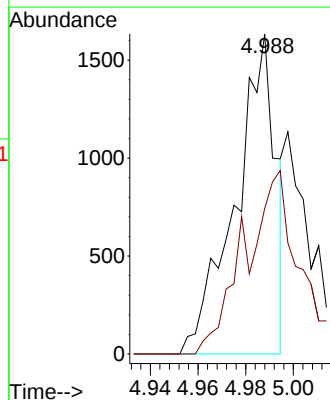
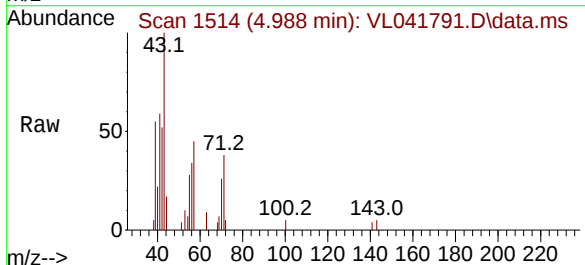
Acq: 18 Dec 2024 12:59

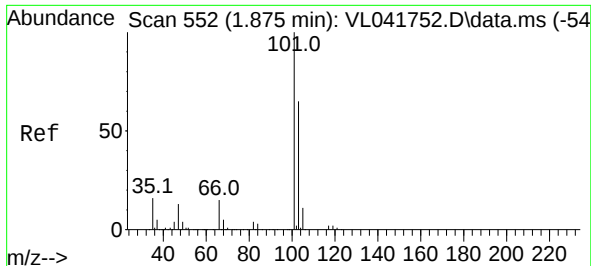
Tgt Ion: 43 Resp: 1910

Ion Ratio Lower Upper

43 100

57 0.0 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.440 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

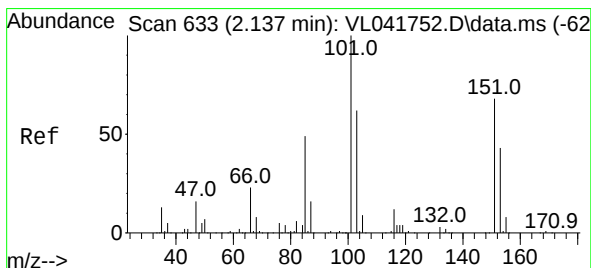
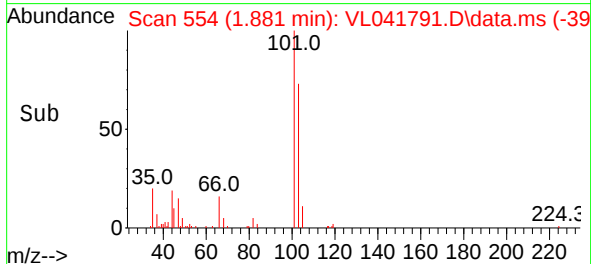
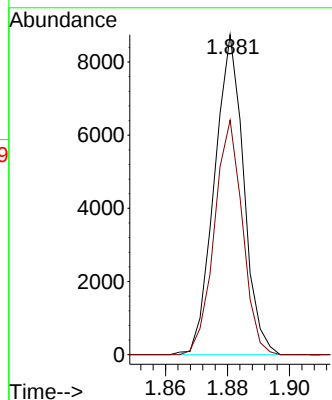
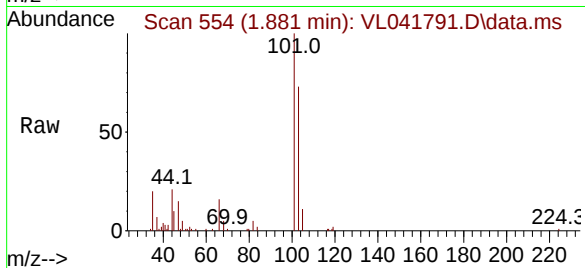
MDL 0.4

Tgt Ion:101 Resp: 5717

Ion Ratio Lower Upper

101 100

103 73.3 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.406 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041791.D

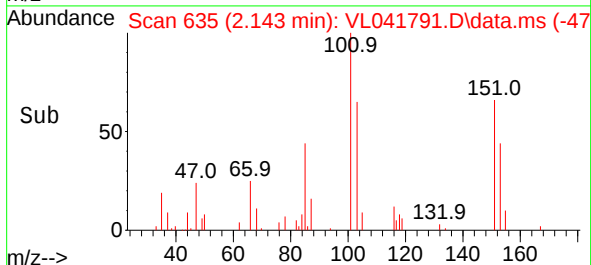
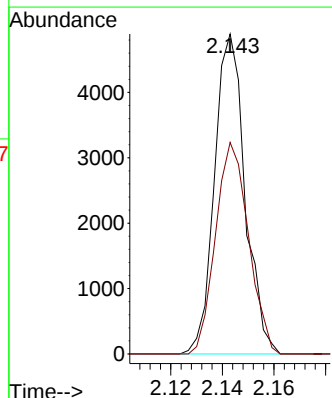
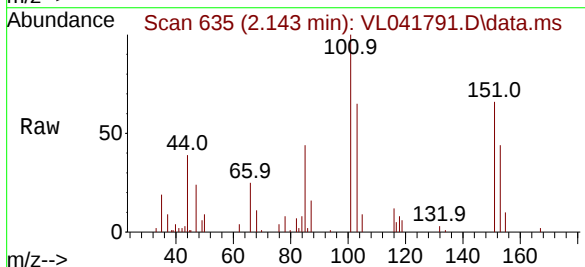
Acq: 18 Dec 2024 12:59

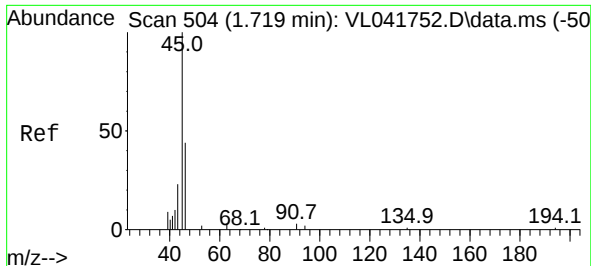
Tgt Ion:101 Resp: 4016

Ion Ratio Lower Upper

101 100

151 71.4 56.8 85.2





#13

Ethanol

Concen: 0.789 ppbv

RT: 1.725 min Scan# 506

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

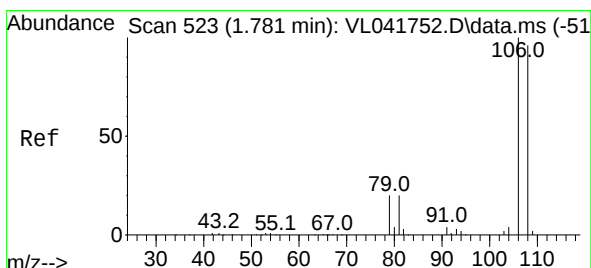
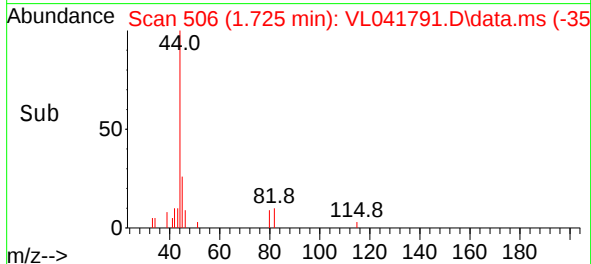
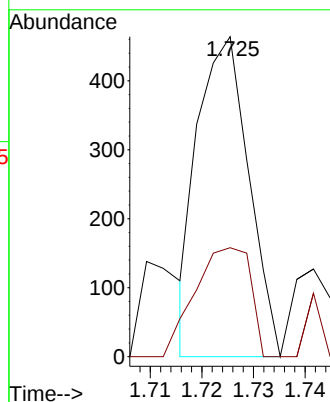
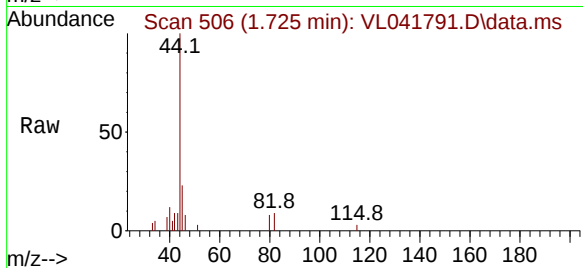
MDL 0.4

Tgt Ion: 45 Resp: 318

Ion Ratio Lower Upper

45 100

46 42.8 16.4 65.8



#14

Bromoethene

Concen: 0.333 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

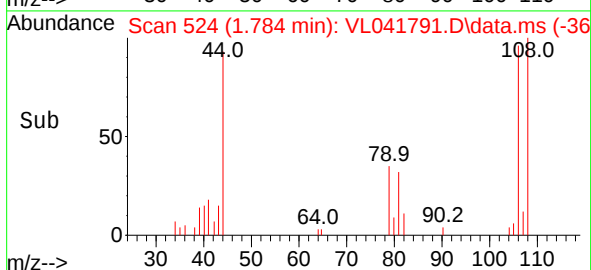
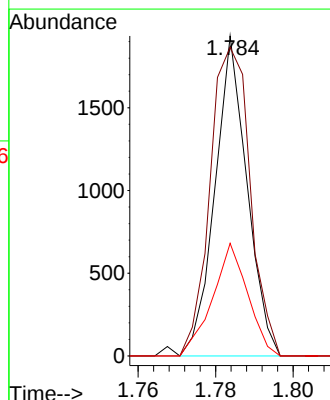
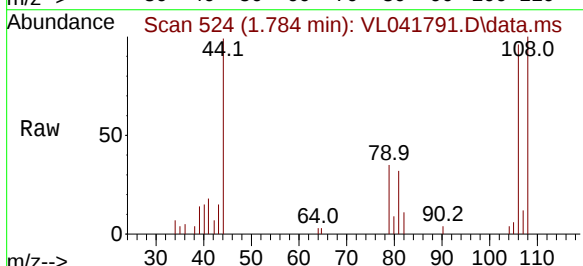
Tgt Ion: 108 Resp: 1111

Ion Ratio Lower Upper

108 100

106 120.6 84.1 126.1

79 39.8 17.4 26.0#





#15

Acetone

Concen: 0.555 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

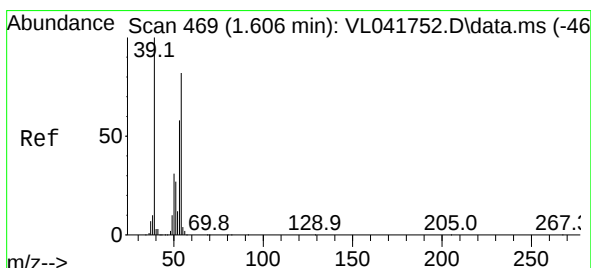
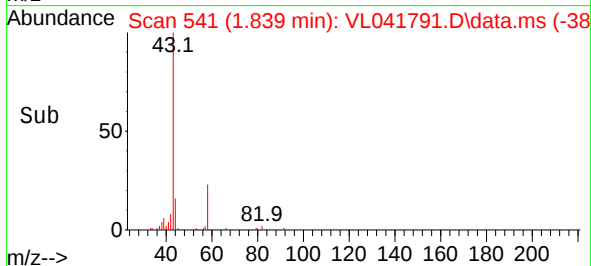
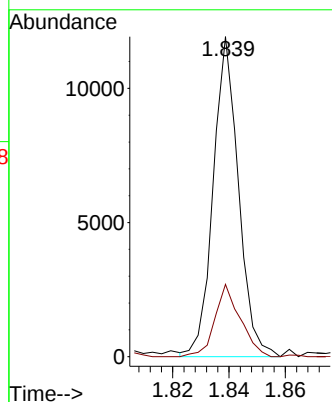
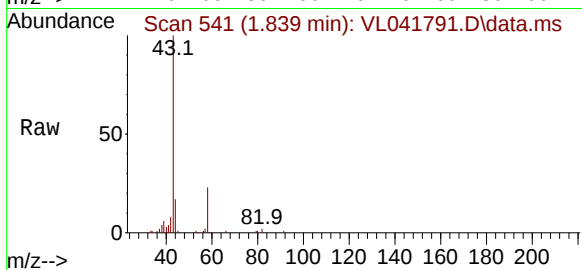
MDL 0.4

Tgt Ion: 43 Resp: 7438

Ion Ratio Lower Upper

43 100

58 23.0 19.7 29.5



#16

1,3-Butadiene

Concen: 0.439 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.006 min

Lab File: VL041791.D

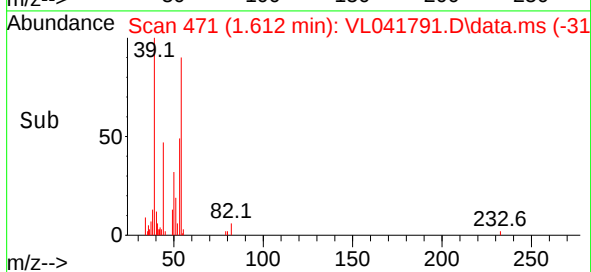
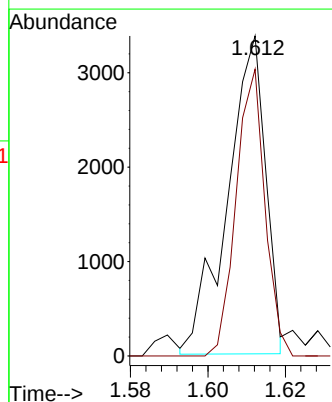
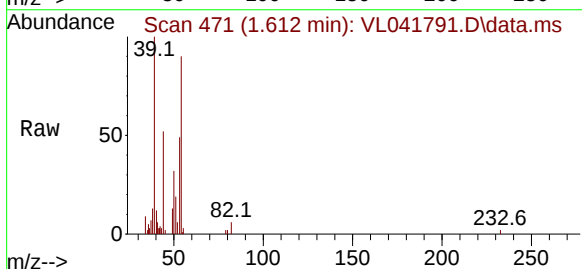
Acq: 18 Dec 2024 12:59

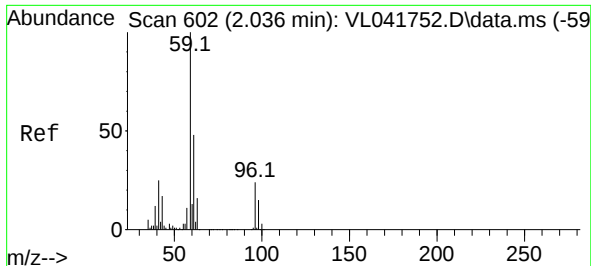
Tgt Ion: 39 Resp: 2316

Ion Ratio Lower Upper

39 100

54 67.8 58.4 87.6





#17

tert-Butyl alcohol

Concen: 0.383 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.010 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

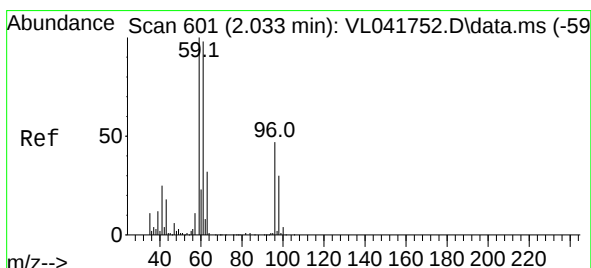
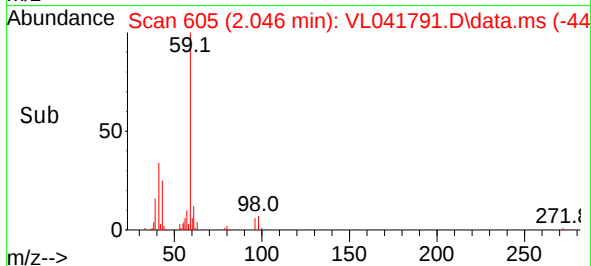
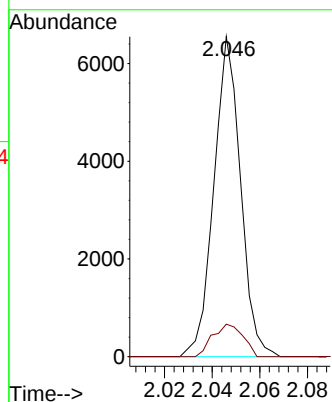
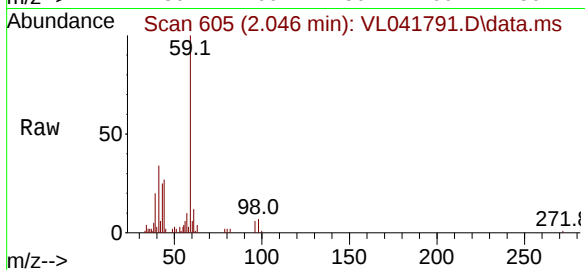
MDL 0.4

Tgt Ion: 59 Resp: 5093

Ion Ratio Lower Upper

59 100

57 11.6 8.6 13.0



#18

1,1-Dichloroethene

Concen: 0.411 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

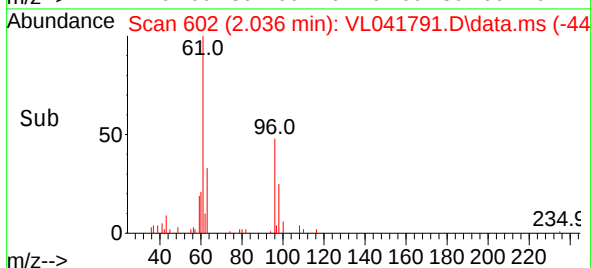
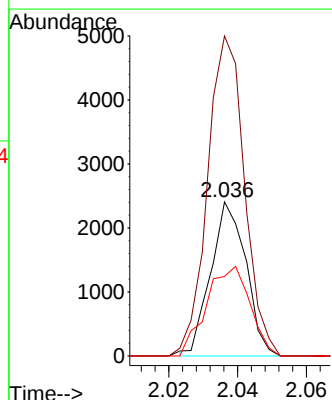
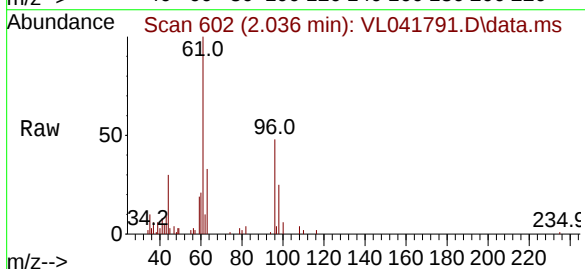
Tgt Ion: 96 Resp: 1706

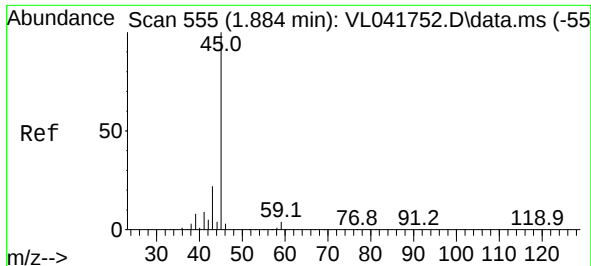
Ion Ratio Lower Upper

96 100

61 207.8 167.7 251.5

98 51.7 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.485 ppbv

RT: 1.891 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

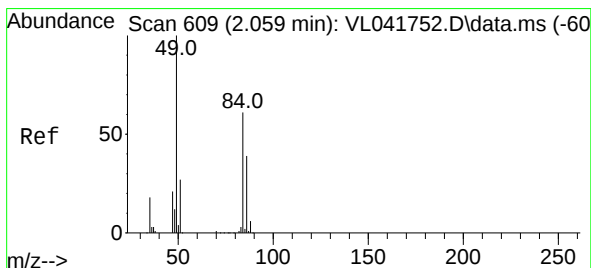
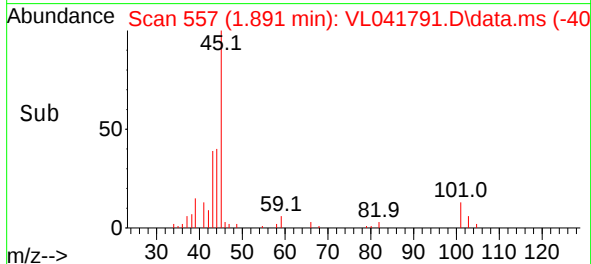
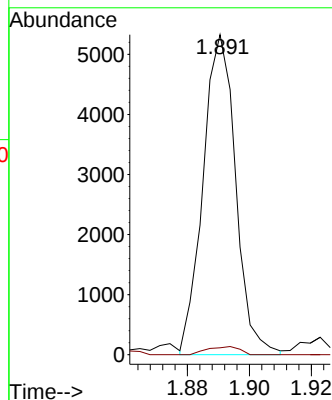
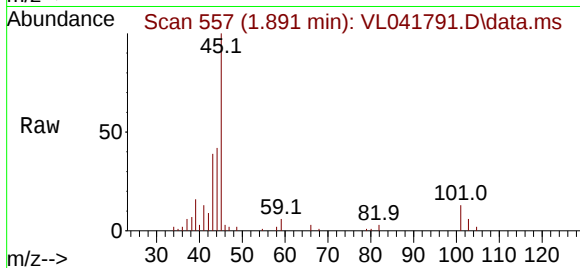
MDL 0.4

Tgt Ion: 45 Resp: 3900

Ion Ratio Lower Upper

45 100

58 2.5 33.3 49.9#



#20

Methylene Chloride

Concen: 0.581 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion: 84 Resp: 2219

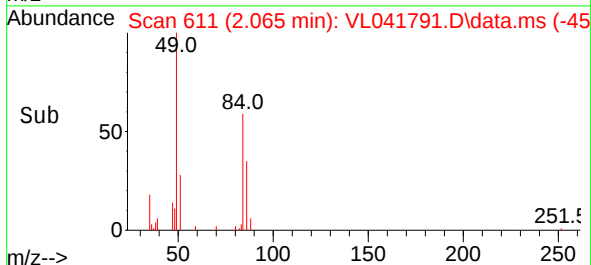
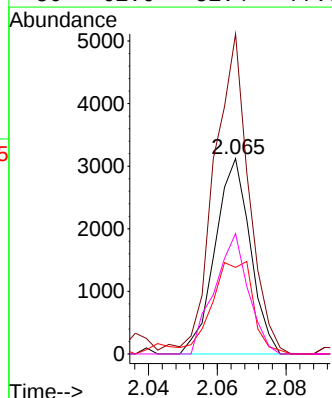
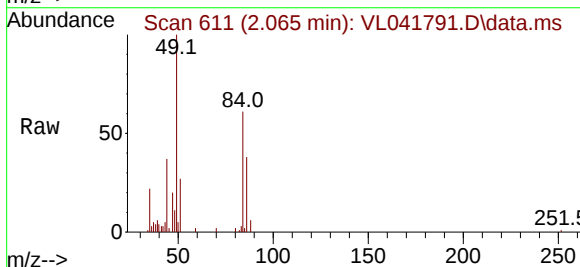
Ion Ratio Lower Upper

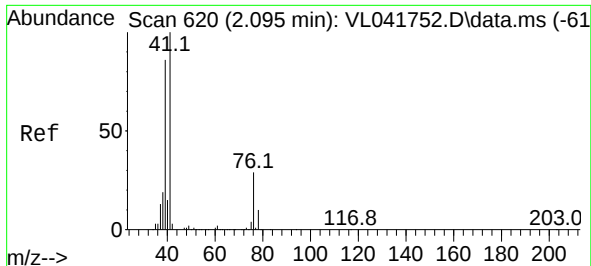
84 100

49 160.7 132.6 198.8

51 42.4 37.6 56.4

86 61.6 51.4 77.0





#21

Allyl Chloride

Concen: 0.371 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

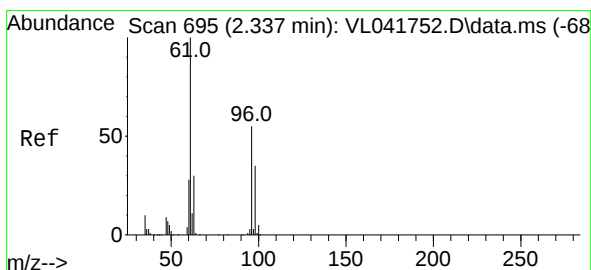
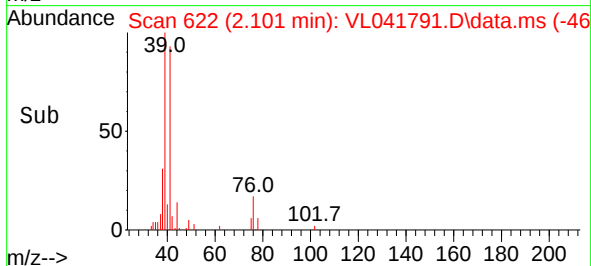
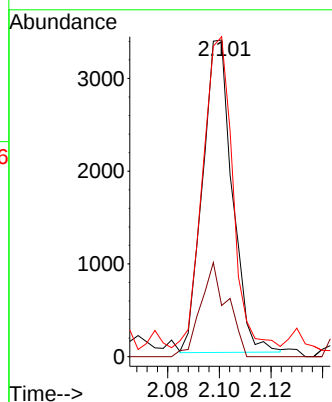
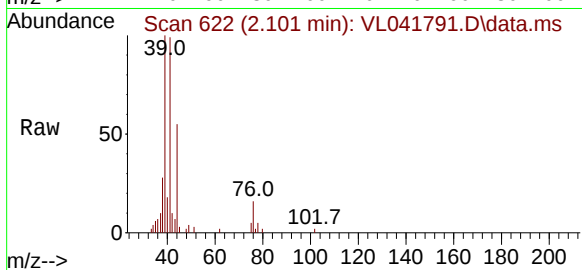
Tgt Ion: 41 Resp: 2695

Ion Ratio Lower Upper

41 100

76 27.0 22.3 33.5

39 116.7 69.2 103.8#



#22

trans-1,2-Dichloroethene

Concen: 0.414 ppbv

RT: 2.344 min Scan# 697

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

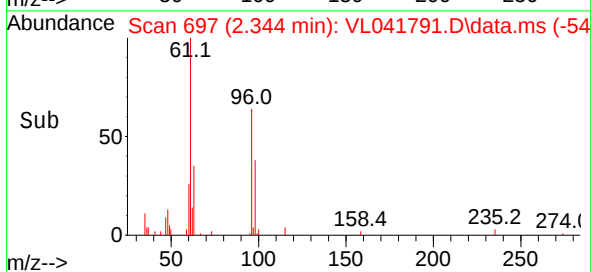
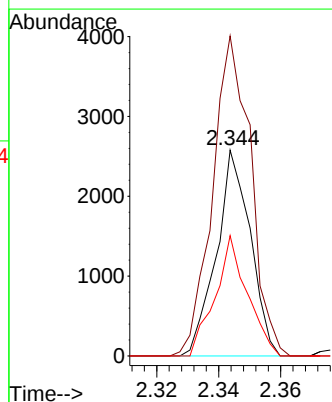
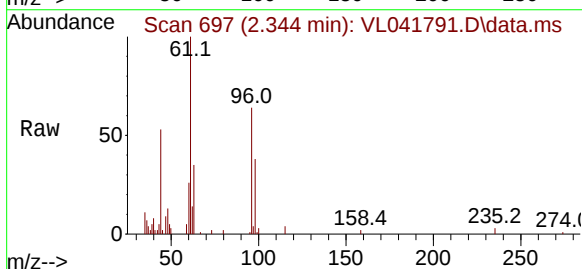
Tgt Ion: 96 Resp: 1966

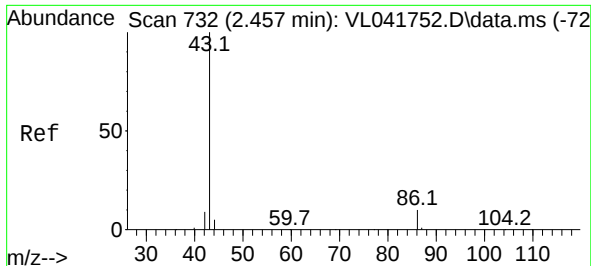
Ion Ratio Lower Upper

96 100

61 153.5 146.3 219.5

98 58.5 50.8 76.2





#23

Vinyl Acetate

Concen: 0.217 ppbv

RT: 2.463 min Scan# 718

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 43 Resp: 1347

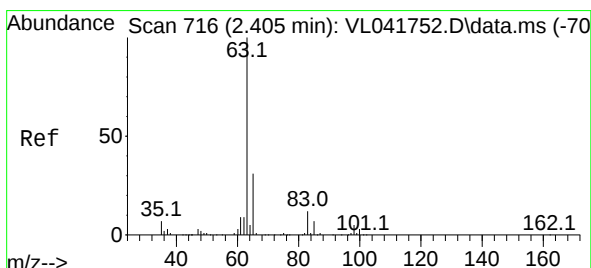
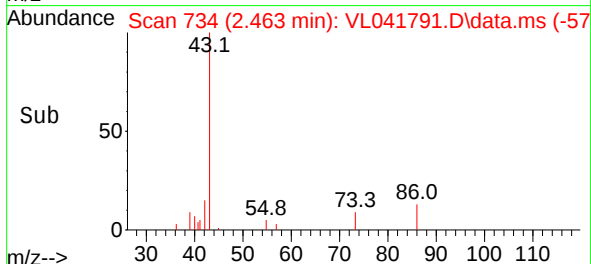
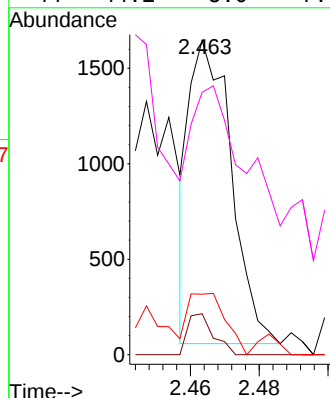
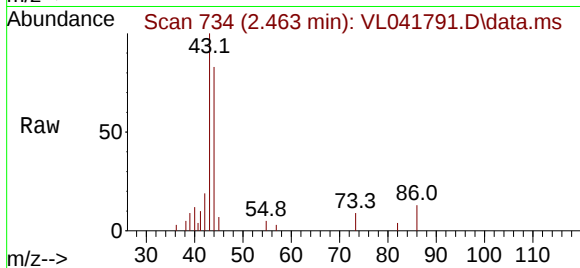
Ion Ratio Lower Upper

43 100

86 13.5 6.6 10.0#

42 14.7 8.2 12.2#

44 44.1 5.0 7.4#



#24

1,1-Dichloroethane

Concen: 0.399 ppbv

RT: 2.412 min Scan# 718

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

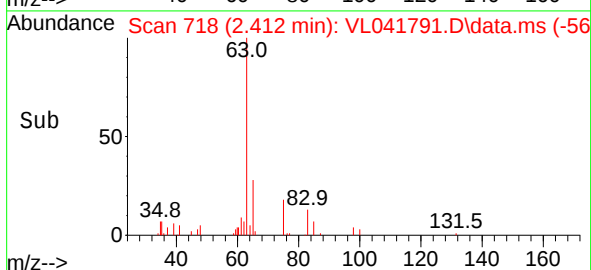
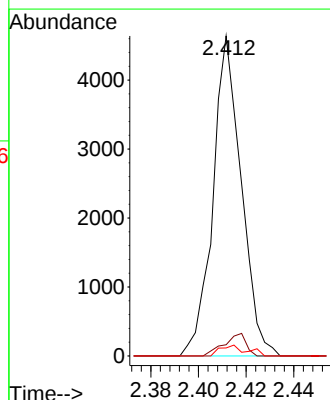
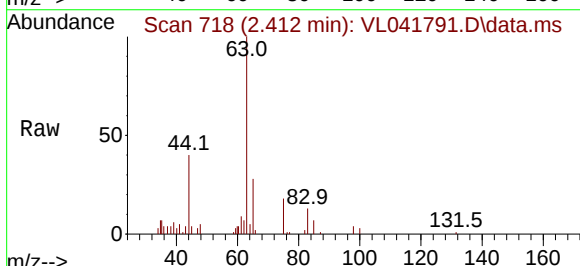
Tgt Ion: 63 Resp: 3836

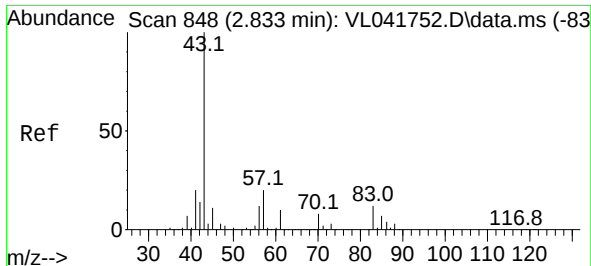
Ion Ratio Lower Upper

63 100

98 3.5 2.3 6.8

100 2.5 1.4 4.2





#25

Ethyl Acetate

Concen: 0.284 ppbv

RT: 2.845 min Scan# 848

Delta R.T. 0.013 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 43 Resp: 7073

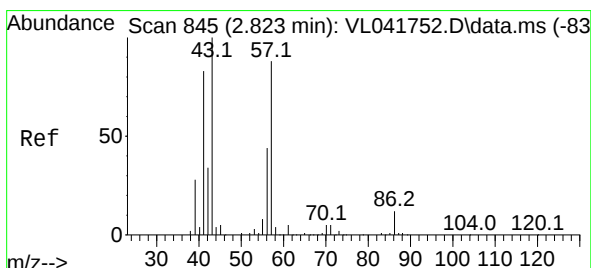
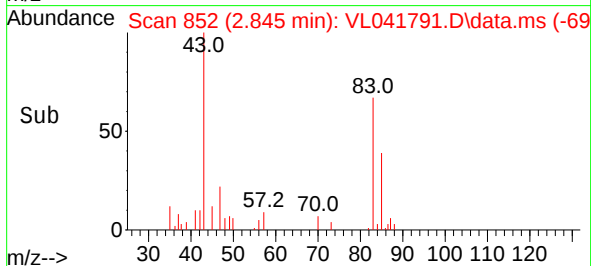
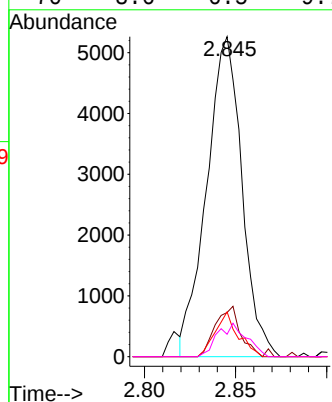
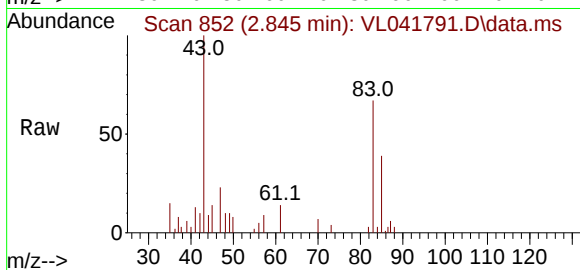
Ion Ratio Lower Upper

43 100

45 11.7 8.1 12.1

61 9.1 7.0 10.6

70 8.6 6.5 9.7



#26

Hexane

Concen: 0.265 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion: 57 Resp: 2507

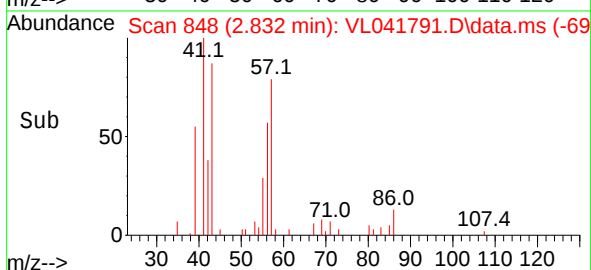
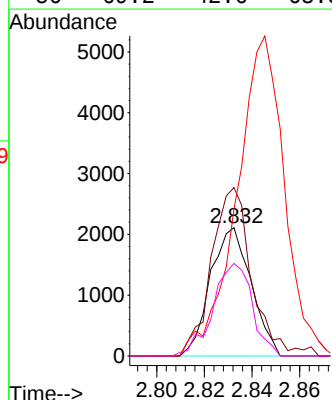
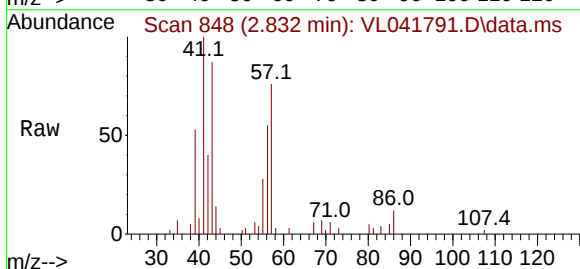
Ion Ratio Lower Upper

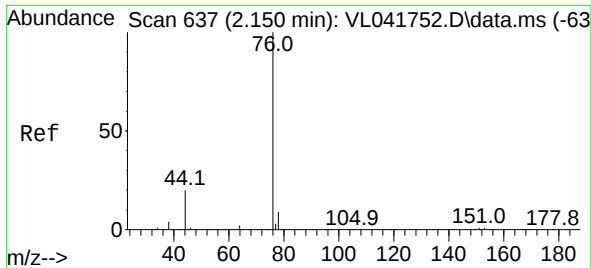
57 100

41 130.0 79.6 119.4#

43 290.2 211.0 316.6

56 69.2 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.246 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

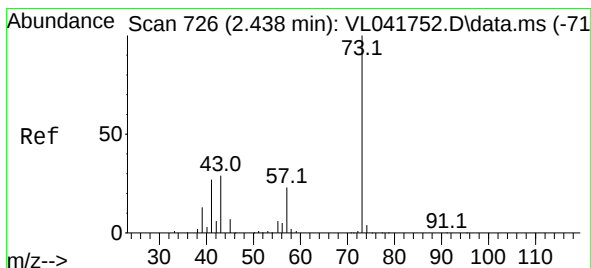
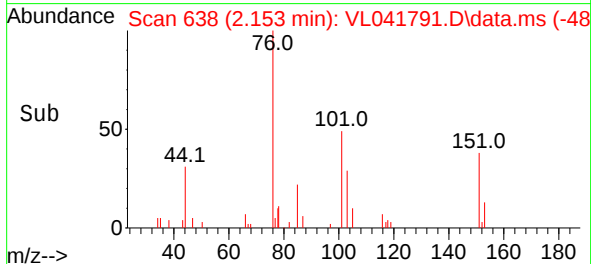
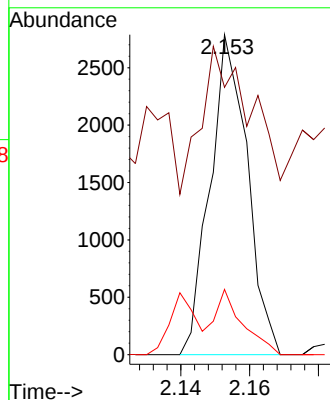
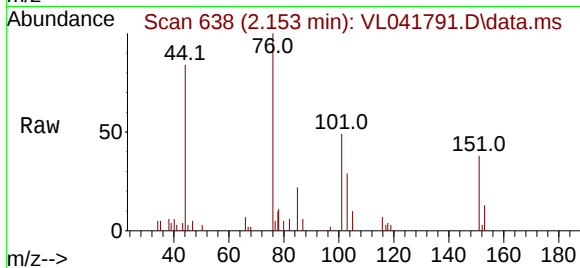
Tgt Ion: 76 Resp: 2092

Ion Ratio Lower Upper

76 100

44 148.8 17.6 26.4#

78 28.9 10.2 15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.339 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.006 min

Lab File: VL041791.D

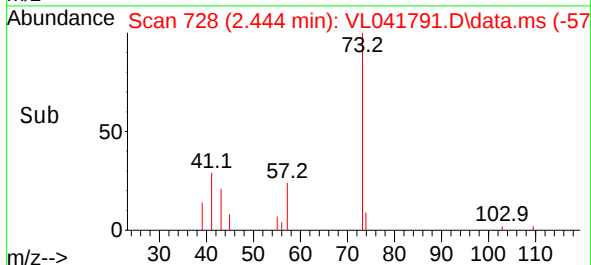
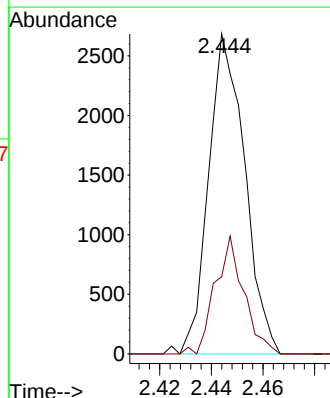
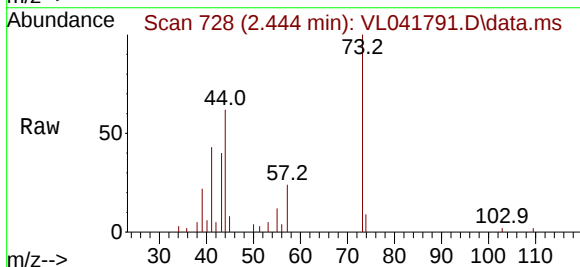
Acq: 18 Dec 2024 12:59

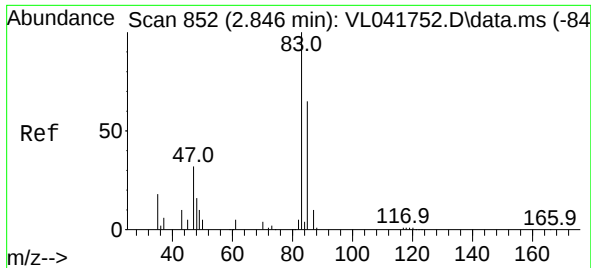
Tgt Ion: 73 Resp: 2603

Ion Ratio Lower Upper

73 100

57 29.2 17.6 26.4#





#29

Chloroform

Concen: 0.402 ppbv

RT: 2.855 min Scan# 85

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

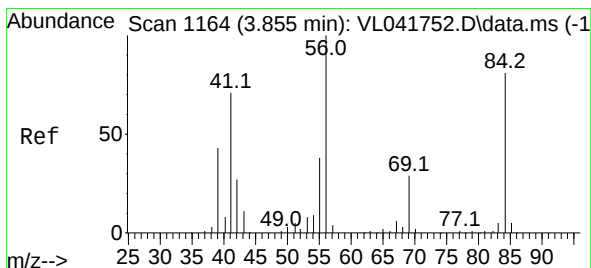
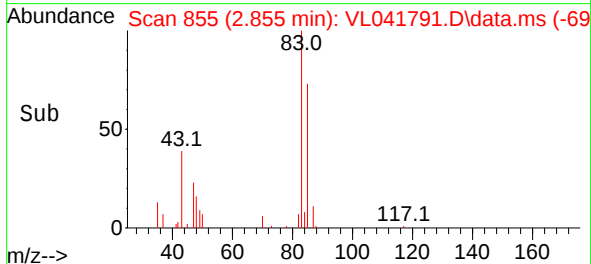
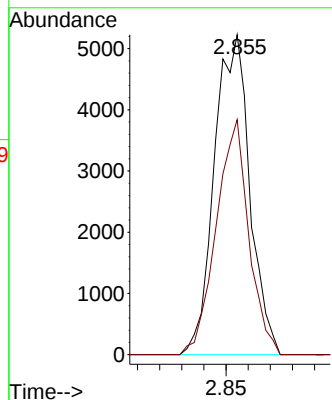
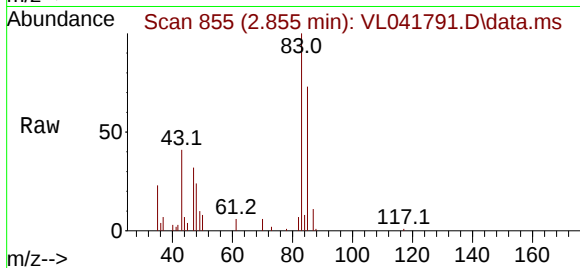
MDL 0.4

Tgt Ion: 83 Resp: 5796

Ion Ratio Lower Upper

83 100

85 73.5 51.8 77.6



#30

Cyclohexane

Concen: 0.122 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

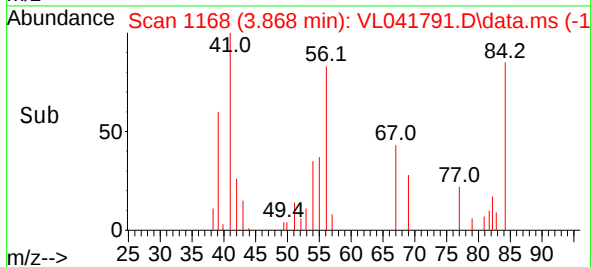
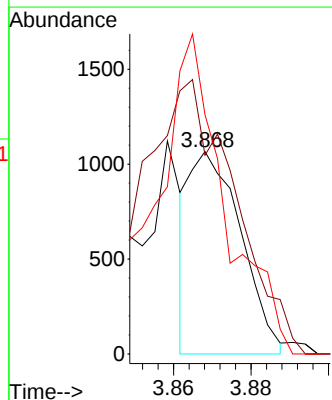
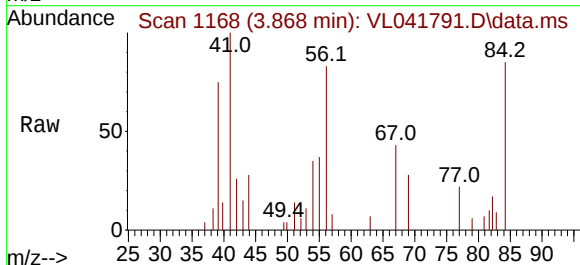
Tgt Ion: 84 Resp: 981

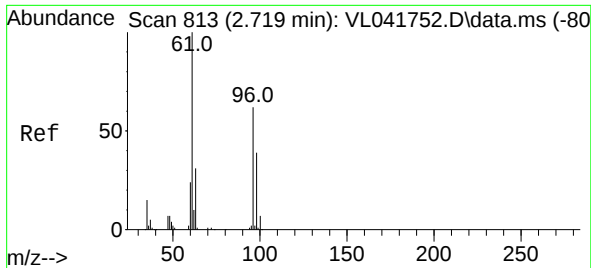
Ion Ratio Lower Upper

84 100

56 246.2 102.3 153.5#

41 222.8 74.0 111.0#

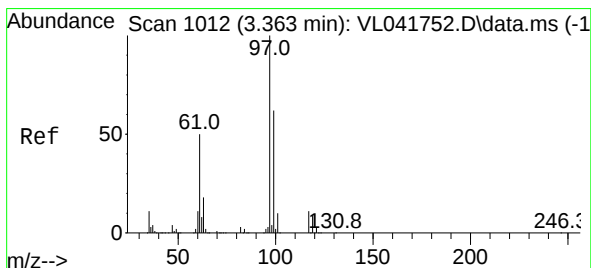
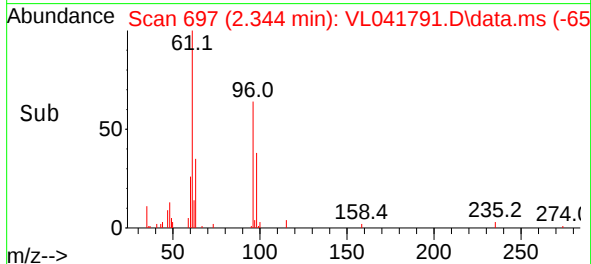
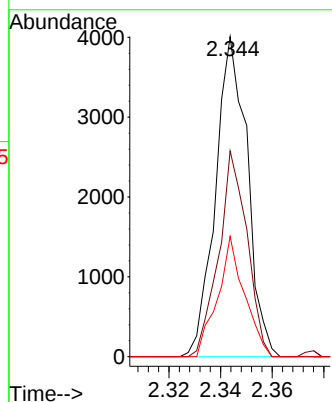
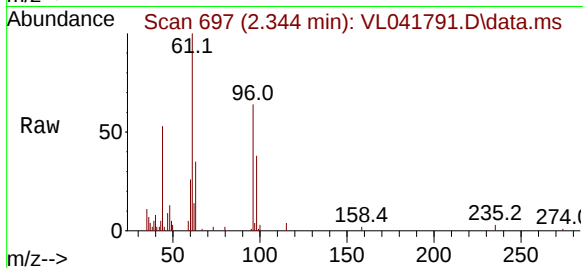




#31
 cis-1,2-Dichloroethene
 Concen: 0.350 ppbv
 RT: 2.344 min Scan# 61
 Delta R.T. -0.376 min
 Lab File: VL041791.D
 Acq: 18 Dec 2024 12:59

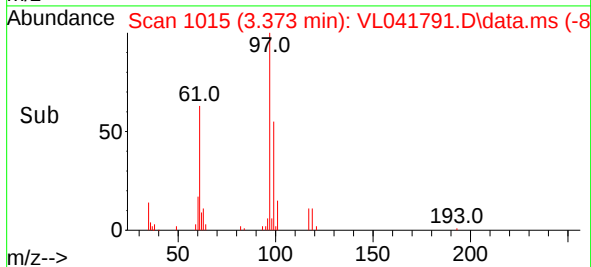
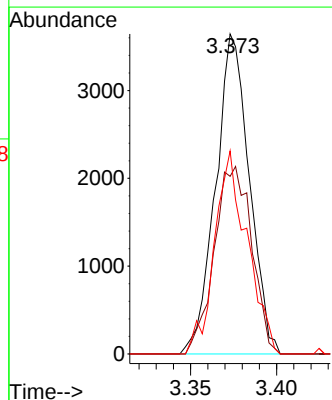
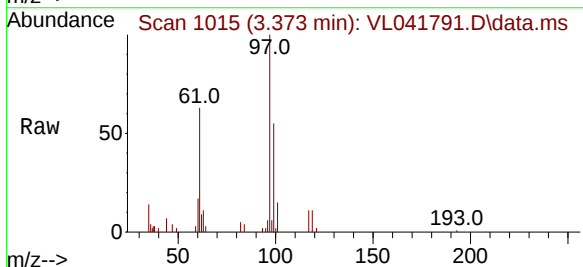
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

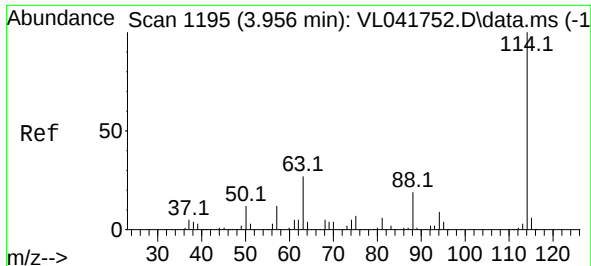
Tgt Ion: 61 Resp: 3423
 Ion Ratio Lower Upper
 61 100
 96 64.3 49.7 74.5
 98 37.6 30.8 46.2



#32
 1,1,1-Trichloroethane
 Concen: 0.339 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.009 min
 Lab File: VL041791.D
 Acq: 18 Dec 2024 12:59

Tgt Ion: 97 Resp: 4971
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.0 76.4
 61 61.3 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

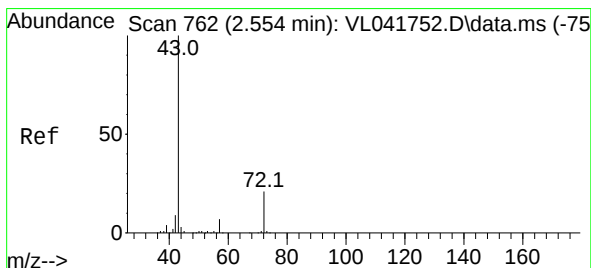
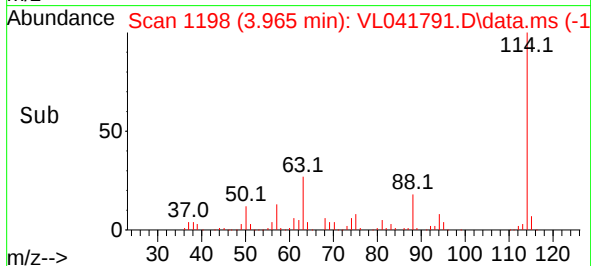
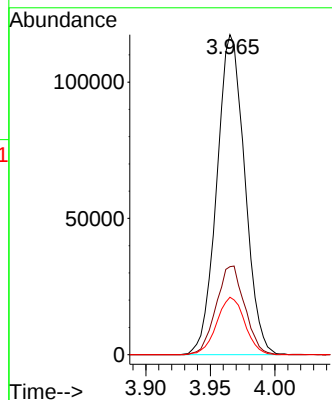
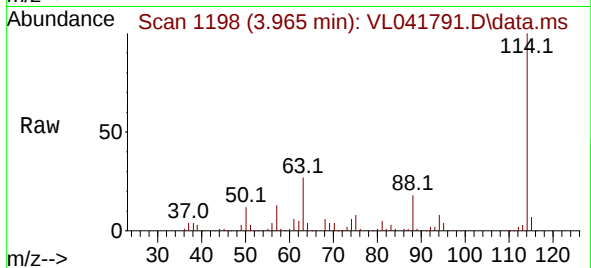
Tgt Ion:114 Resp: 176743

Ion Ratio Lower Upper

114 100

63 28.4 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 0.356 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.009 min

Lab File: VL041791.D

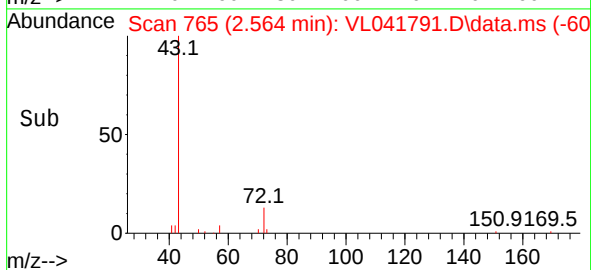
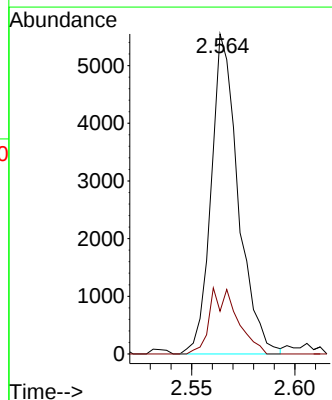
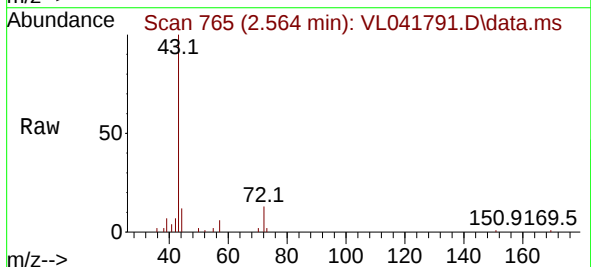
Acq: 18 Dec 2024 12:59

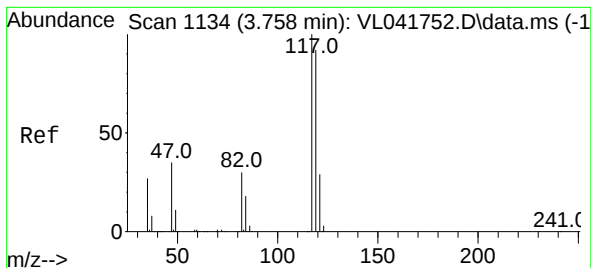
Tgt Ion: 43 Resp: 5055

Ion Ratio Lower Upper

43 100

72 21.0 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.210 ppbv

RT: 3.768 min Scan# 1137

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

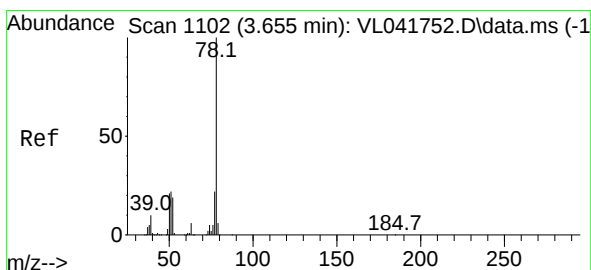
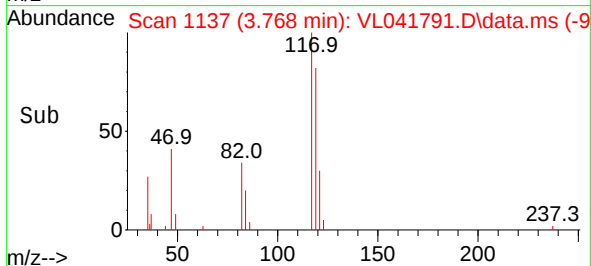
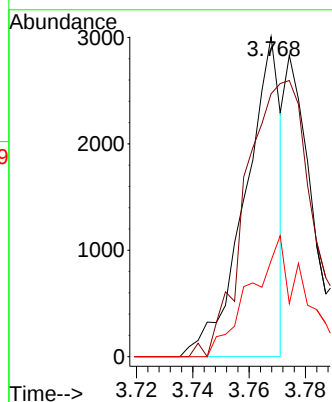
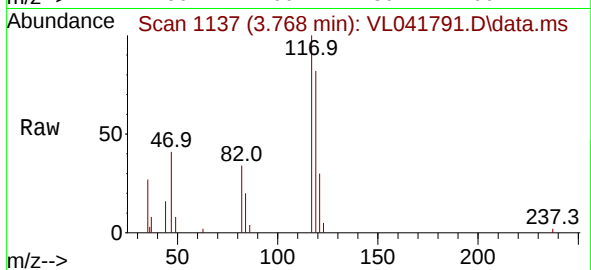
Tgt Ion:117 Resp: 2637

Ion Ratio Lower Upper

117 100

119 82.1 73.7 110.5

121 30.0 23.0 34.4



#36

Benzene

Concen: 0.319 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

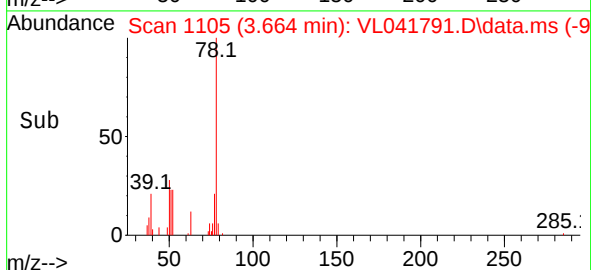
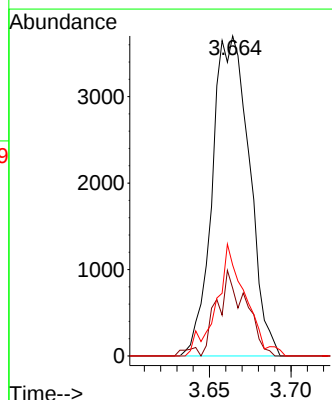
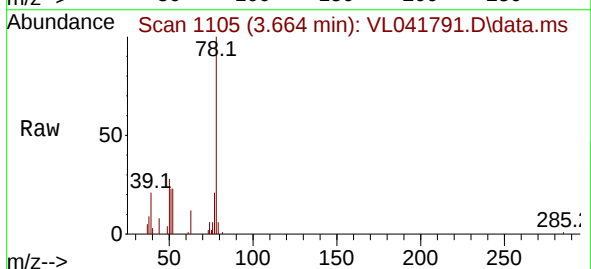
Tgt Ion: 78 Resp: 5832

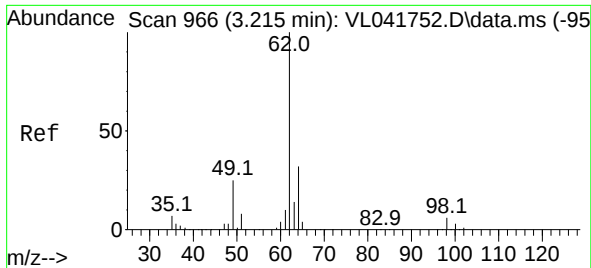
Ion Ratio Lower Upper

78 100

77 21.2 17.8 26.6

50 28.4 17.2 25.8#





#37

1,2-Dichloroethane

Concen: 0.394 ppbv

RT: 3.221 min Scan# 9

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

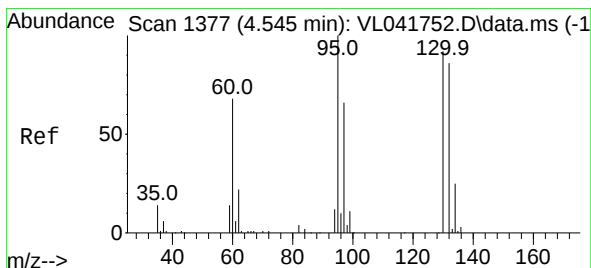
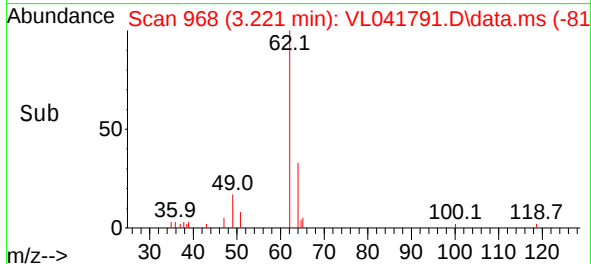
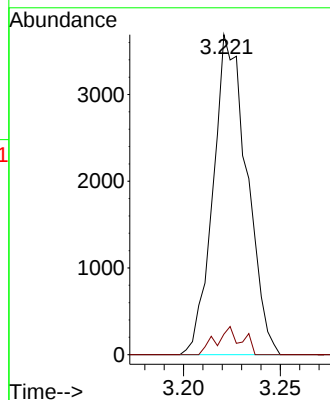
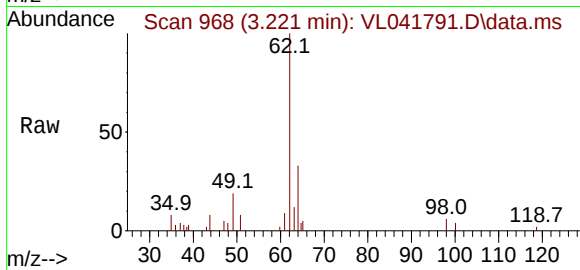
MDL 0.4

Tgt Ion: 62 Resp: 4480

Ion Ratio Lower Upper

62 100

98 6.4 4.7 7.1



#38

Trichloroethene

Concen: 0.277 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion:130 Resp: 2151

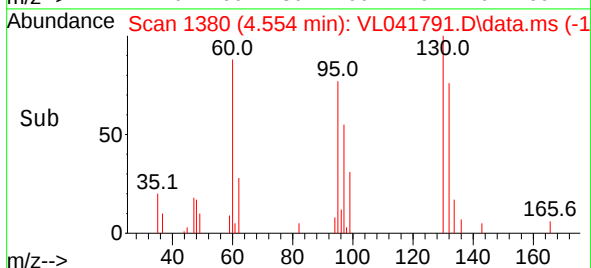
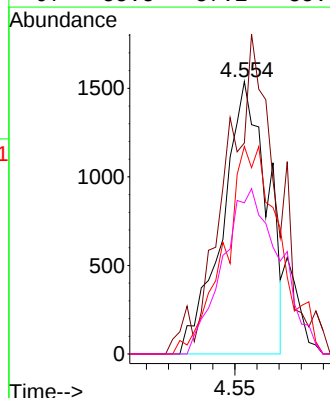
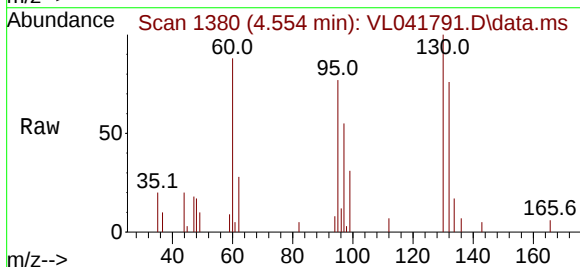
Ion Ratio Lower Upper

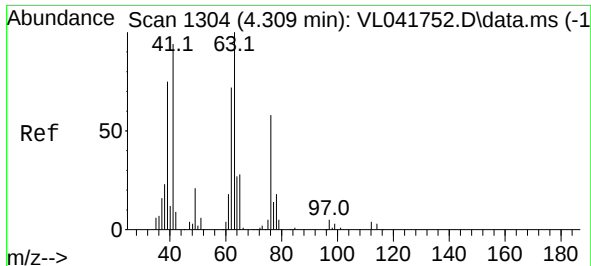
130 100

95 69.3 87.0 130.6#

132 71.2 75.0 112.6#

97 55.5 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 0.133 ppbv

RT: 4.315 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

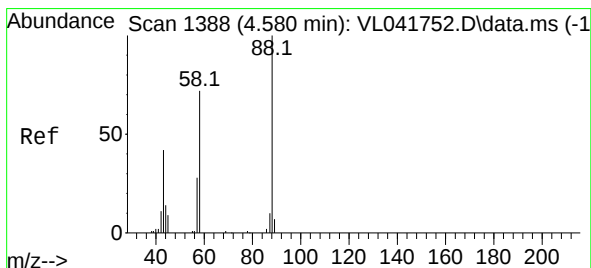
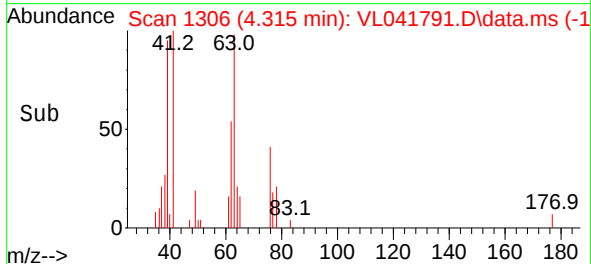
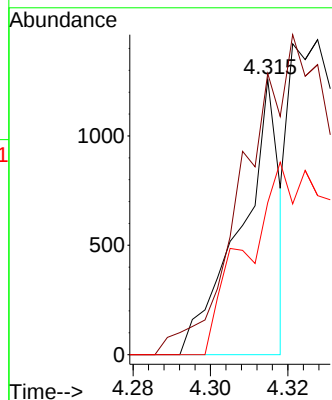
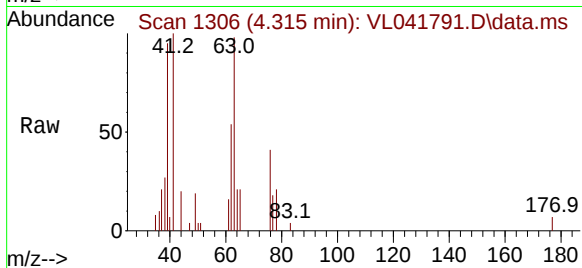
Tgt Ion: 63 Resp: 879

Ion Ratio Lower Upper

63 100

41 94.1 75.3 112.9

62 55.2 57.3 85.9#



#40

1,4-Dioxane

Concen: 0.074 ppbv

RT: 4.613 min Scan# 1398

Delta R.T. 0.032 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion: 88 Resp: 238

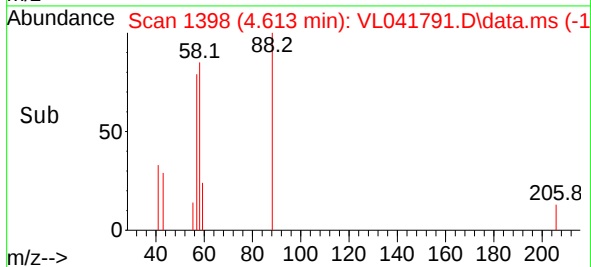
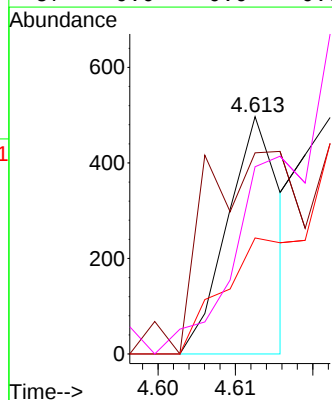
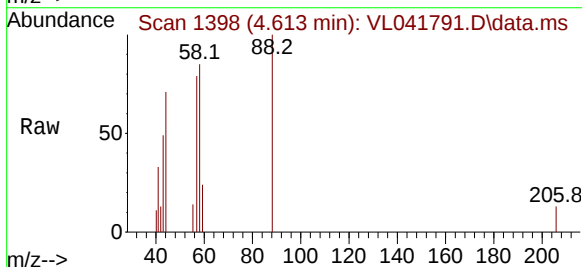
Ion Ratio Lower Upper

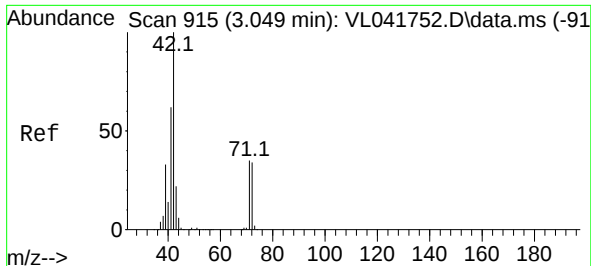
88 100

58 0.0 61.0 91.6#

43 0.0 29.4 44.0#

57 0.0 0.0 0.0

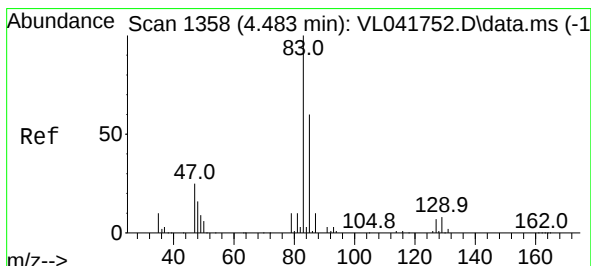
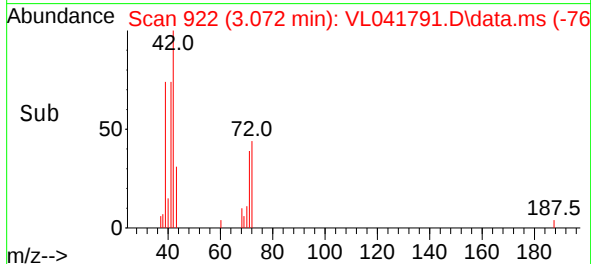
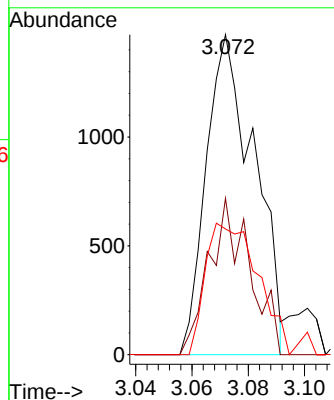
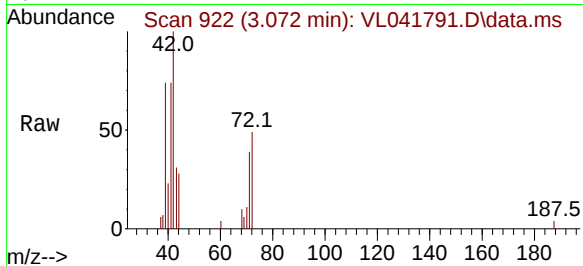




#41
Tetrahydrofuran
Concen: 0.219 ppbv
RT: 3.072 min Scan# 915
Delta R.T. 0.022 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

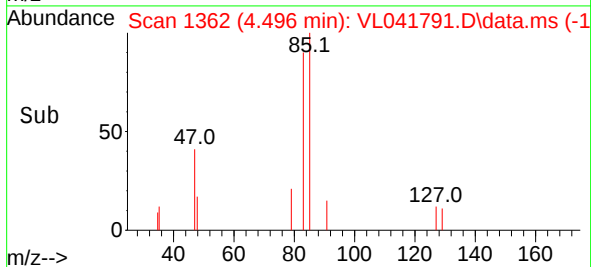
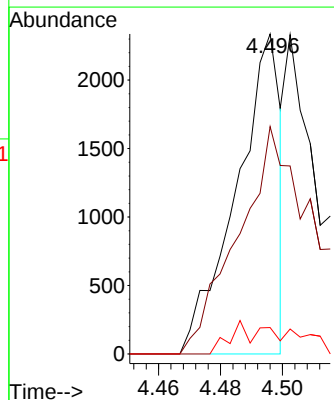
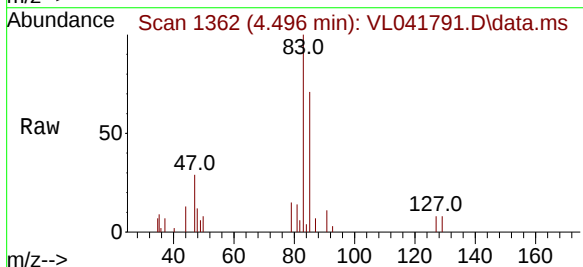
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

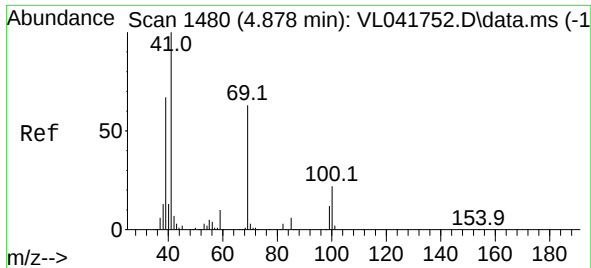
Tgt Ion: 42 Resp: 1748
Ion Ratio Lower Upper
42 100
72 41.2 29.1 43.7
71 46.3 28.4 42.6#



#42
Bromodichloromethane
Concen: 0.177 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion: 83 Resp: 2314
Ion Ratio Lower Upper
83 100
85 71.0 48.0 72.0
127 8.3 5.8 8.8

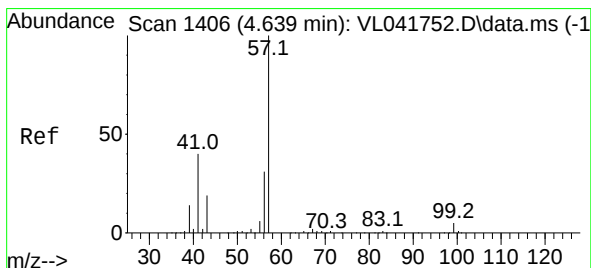
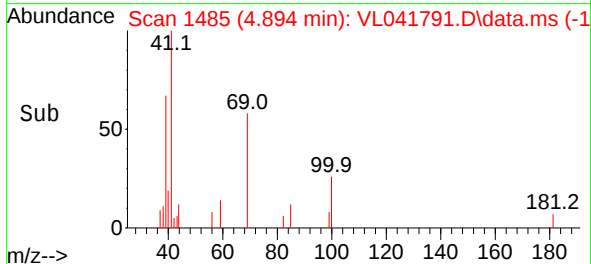
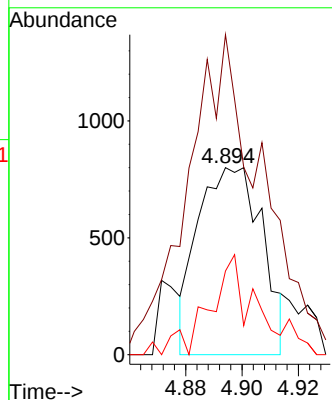
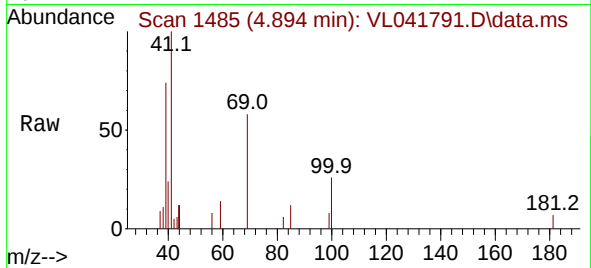




#43
Methyl Methacrylate
Concen: 0.182 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. 0.016 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

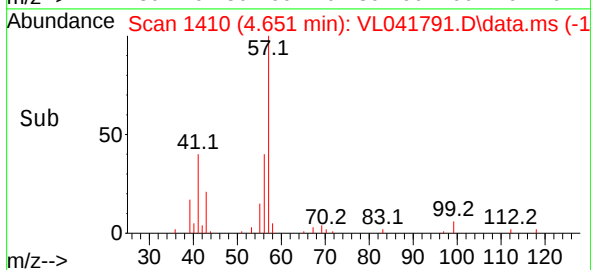
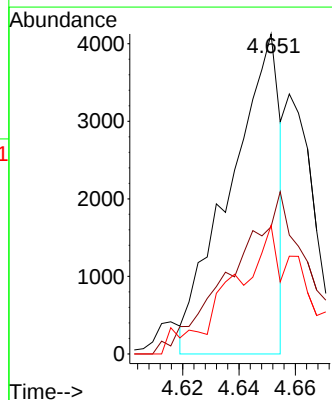
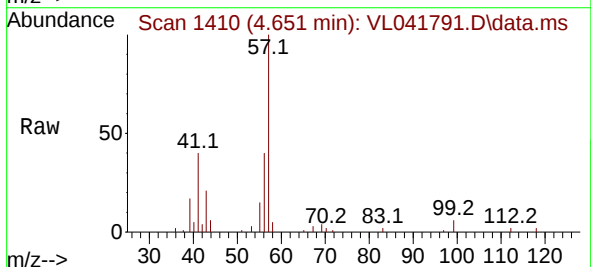
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.4

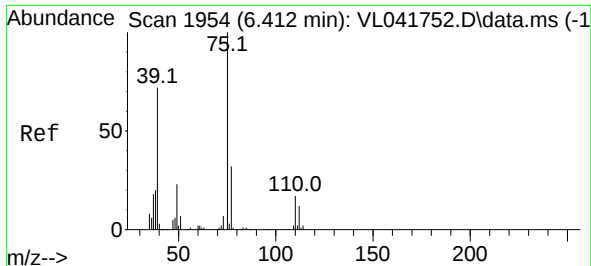
Tgt Ion: 69 Resp: 1268
Ion Ratio Lower Upper
69 100
41 198.1 130.3 195.5#
100 40.9 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 0.162 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.013 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion: 57 Resp: 5064
Ion Ratio Lower Upper
57 100
41 79.3 30.7 46.1#
56 57.6 25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.121 ppbv

RT: 6.428 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

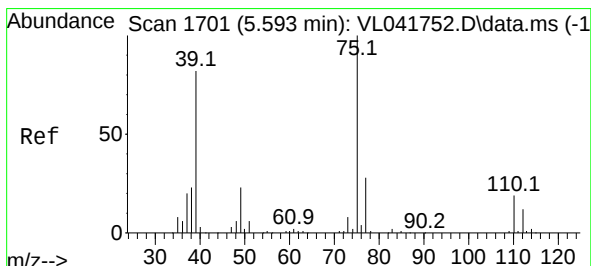
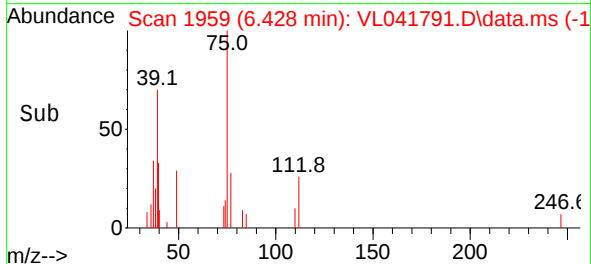
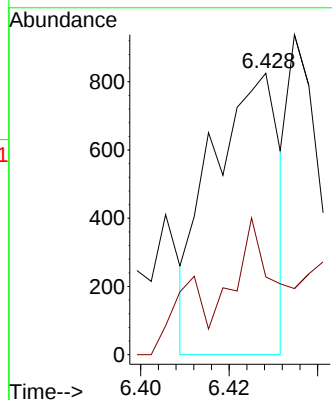
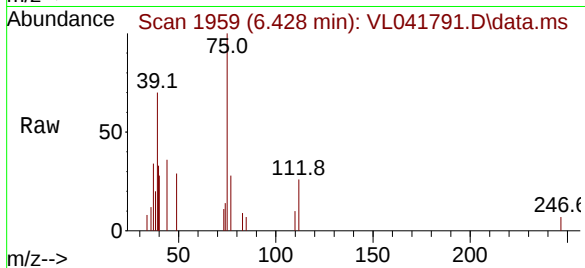
MDL 0.4

Tgt Ion: 75 Resp: 874

Ion Ratio Lower Upper

75 100

77 27.6 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 0.122 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

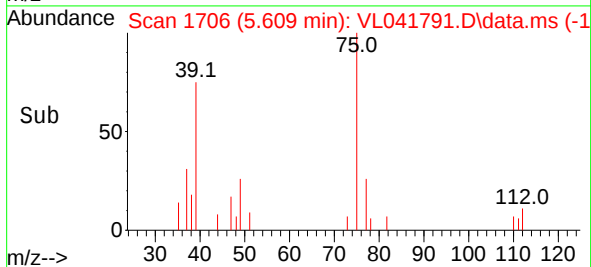
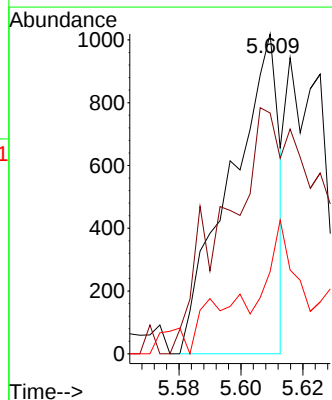
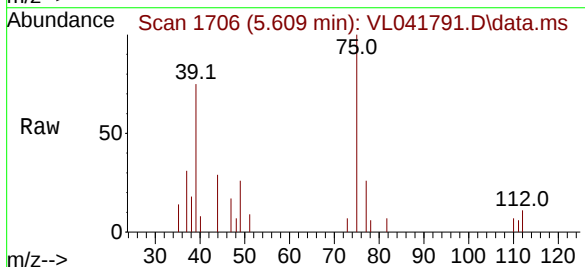
Tgt Ion: 75 Resp: 1116

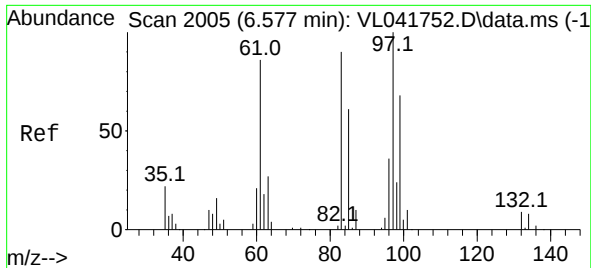
Ion Ratio Lower Upper

75 100

39 67.6 65.2 97.8

77 17.7 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.108 ppbv

RT: 6.593 min Scan# 2005

Delta R.T. 0.016 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 97 Resp: 745

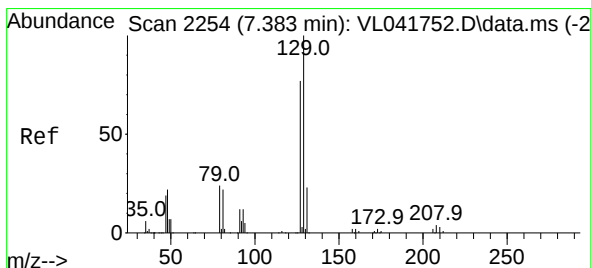
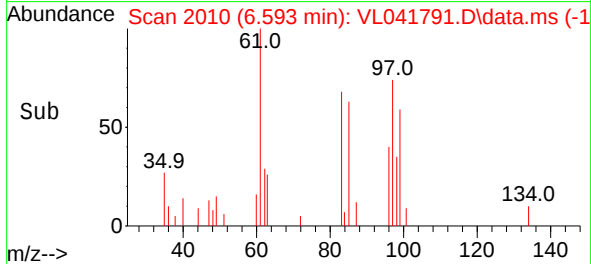
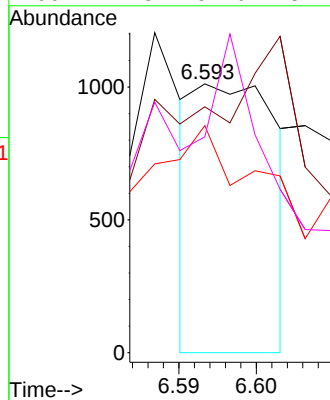
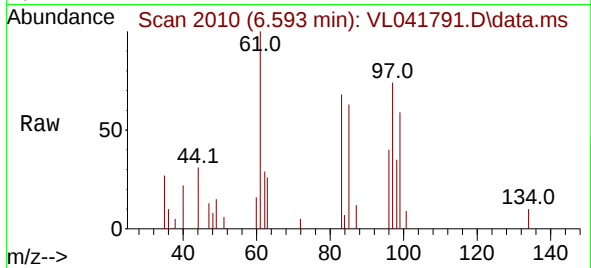
Ion Ratio Lower Upper

97 100

83 38.7 72.3 108.5#

85 112.5 48.5 72.7#

99 117.3 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.265 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.013 min

Lab File: VL041791.D

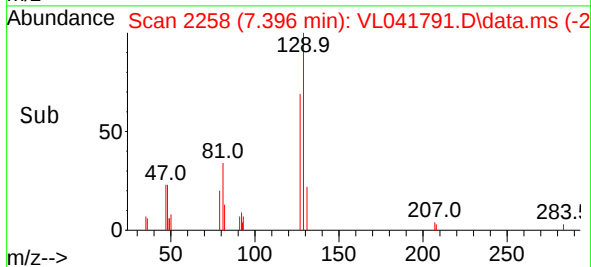
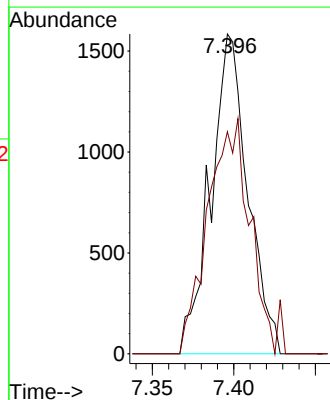
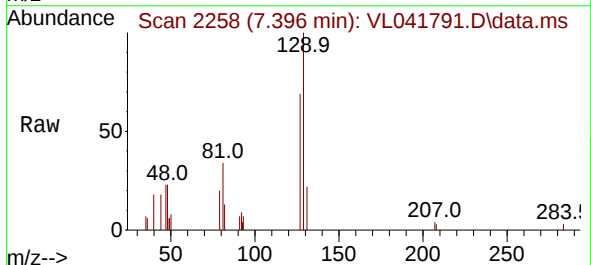
Acq: 18 Dec 2024 12:59

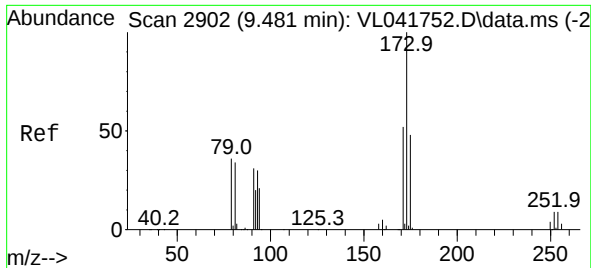
Tgt Ion: 129 Resp: 2502

Ion Ratio Lower Upper

129 100

127 84.2 38.8 116.3

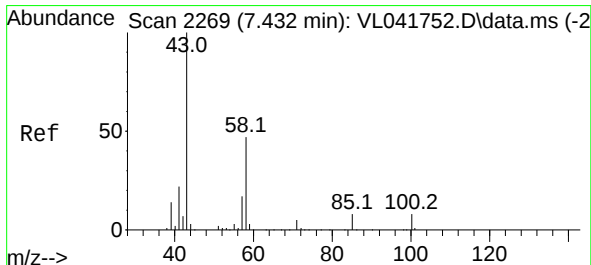
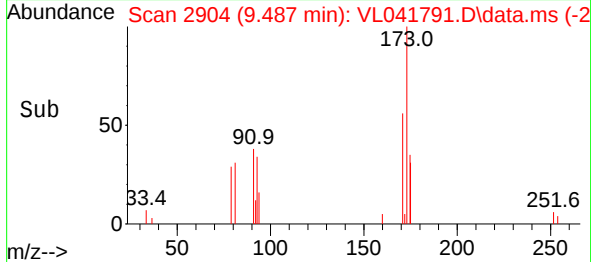
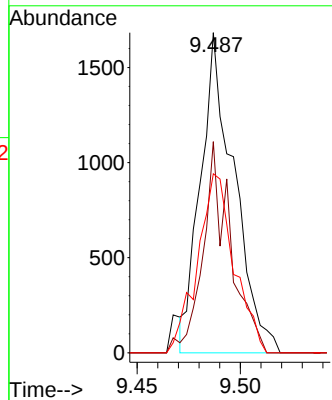
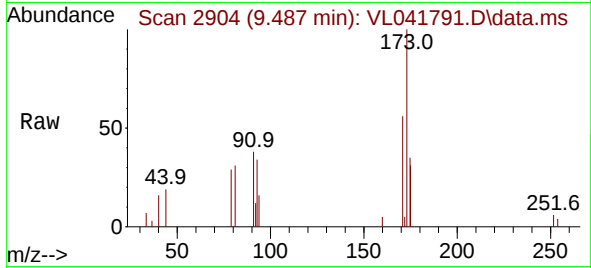




#49
Bromoform
Concen: 0.246 ppbv
RT: 9.487 min Scan# 2094
Delta R.T. 0.006 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

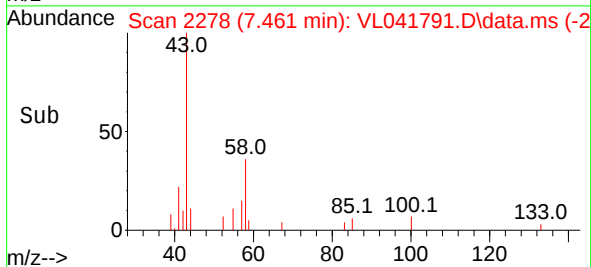
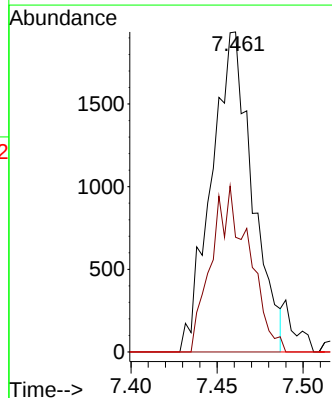
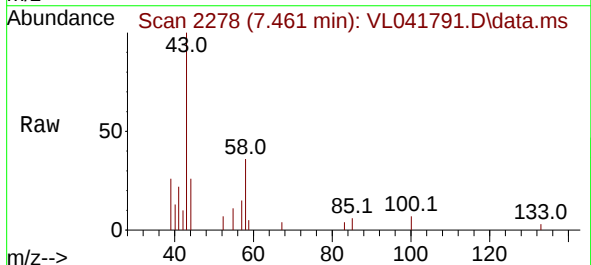
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

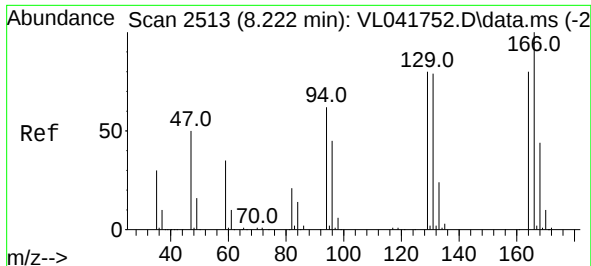
Tgt Ion:173 Resp: 1896
Ion Ratio Lower Upper
173 100
175 54.3 38.2 57.2
171 61.0 41.1 61.7



#51
2-Hexanone
Concen: 0.205 ppbv
RT: 7.461 min Scan# 2278
Delta R.T. 0.029 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion: 43 Resp: 3210
Ion Ratio Lower Upper
43 100
58 47.9 36.6 55.0
98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.168 ppbv

RT: 8.238 min Scan# 2119

Delta R.T. 0.016 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion:164 Resp: 1144

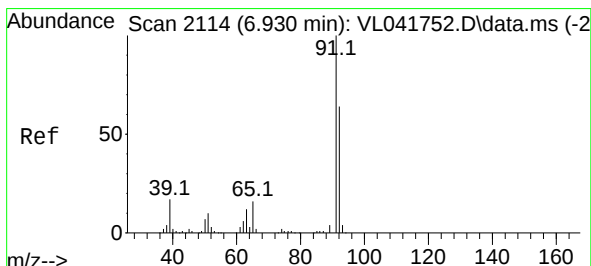
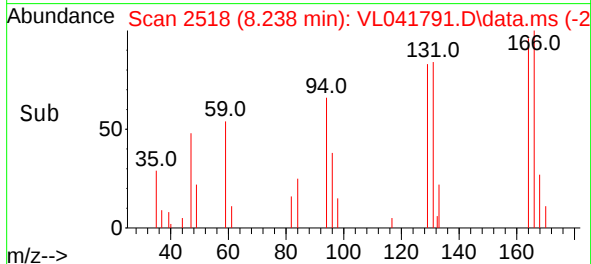
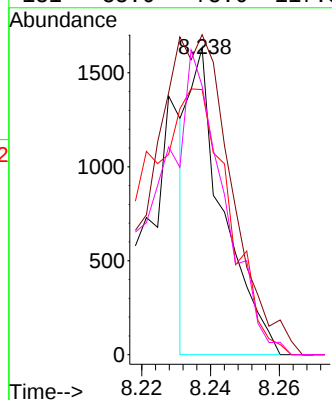
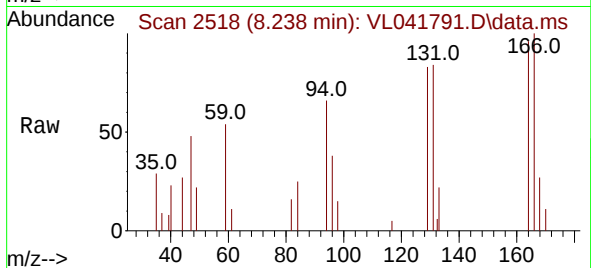
Ion Ratio Lower Upper

164 100

166 93.0 99.8 149.6#

129 83.1 79.6 119.4

131 83.6 78.6 117.8



#53

Toluene

Concen: 0.099 ppbv

RT: 6.946 min Scan# 2119

Delta R.T. 0.016 min

Lab File: VL041791.D

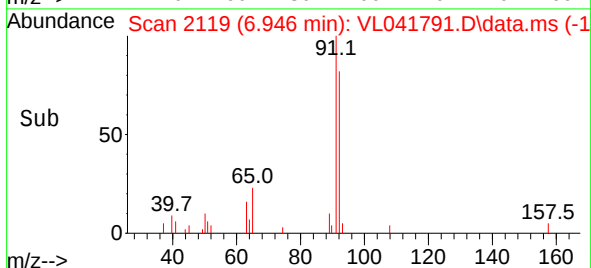
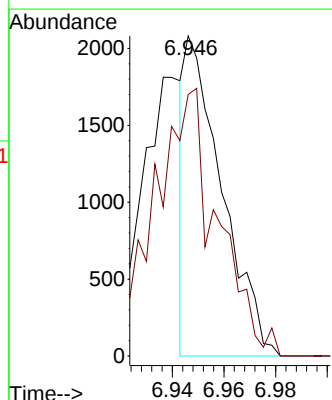
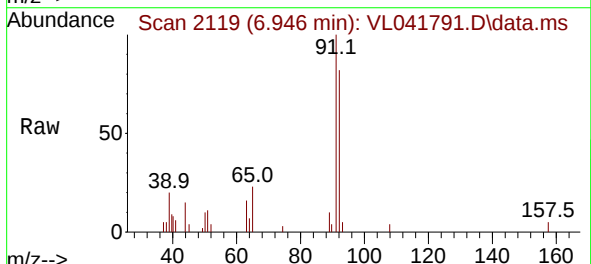
Acq: 18 Dec 2024 12:59

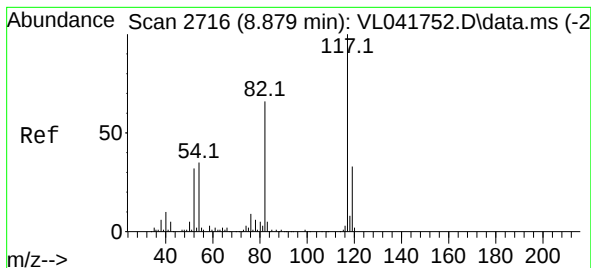
Tgt Ion: 91 Resp: 2057

Ion Ratio Lower Upper

91 100

92 149.3 47.9 71.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2716

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

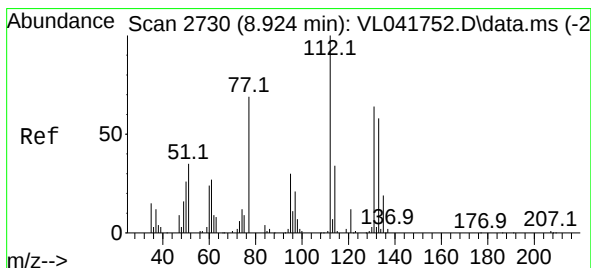
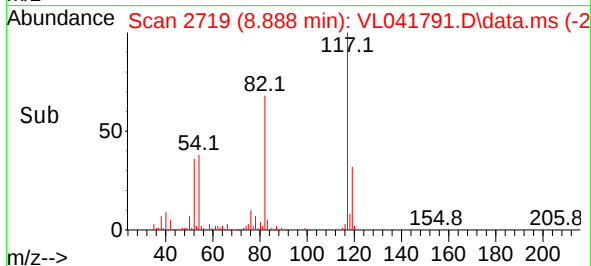
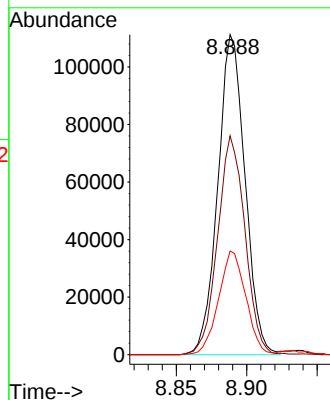
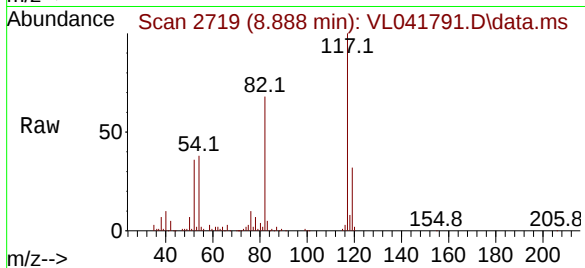
Tgt Ion:117 Resp: 149550

Ion Ratio Lower Upper

117 100

82 68.9 53.8 80.8

119 33.7 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.164 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.013 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

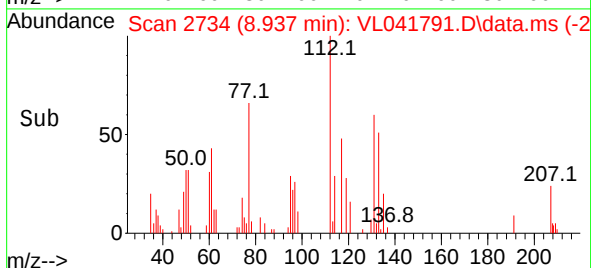
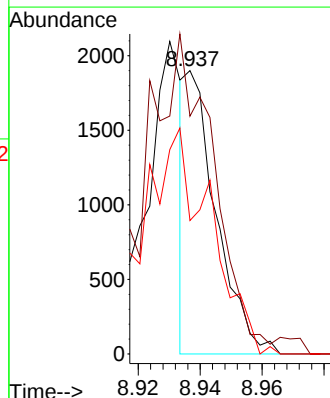
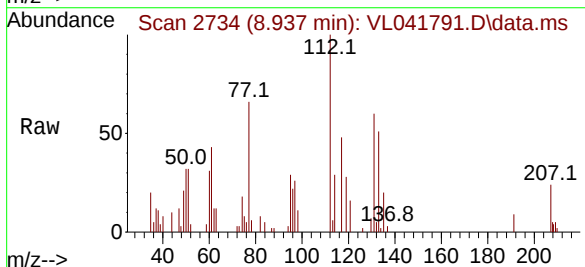
Tgt Ion:131 Resp: 1297

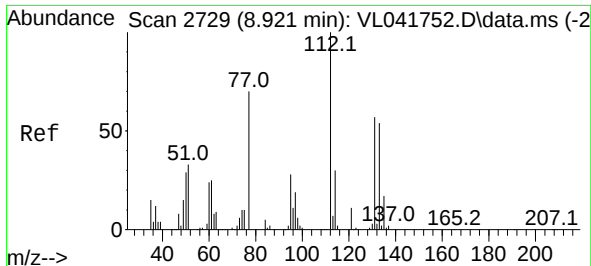
Ion Ratio Lower Upper

131 100

133 248.8 76.8 115.2#

119 0.0 49.0 73.6#

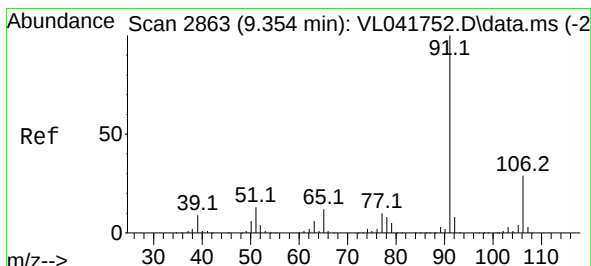
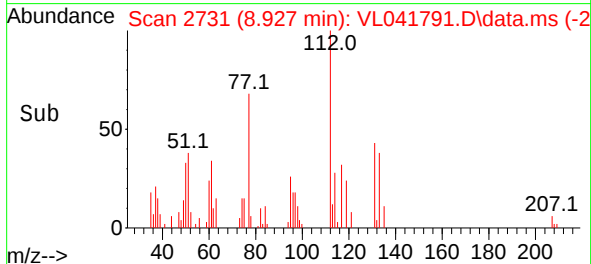
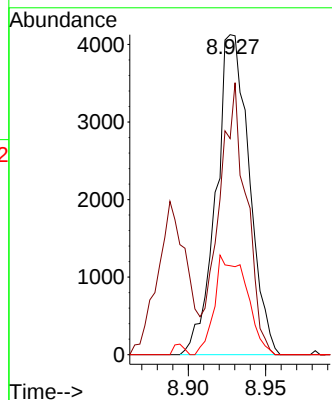
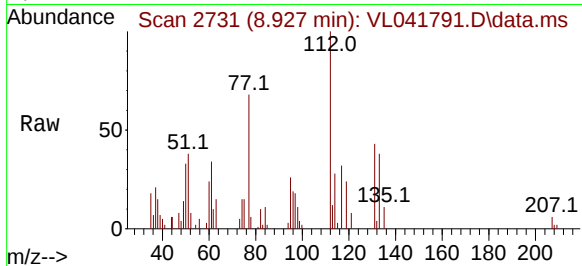




#57
Chlorobenzene
Concen: 0.402 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

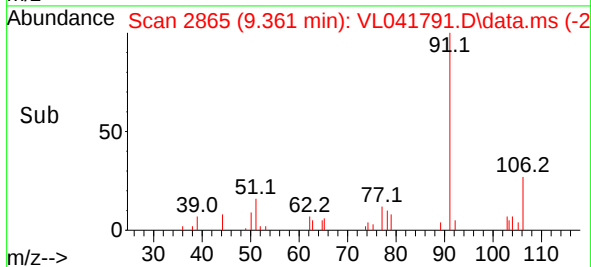
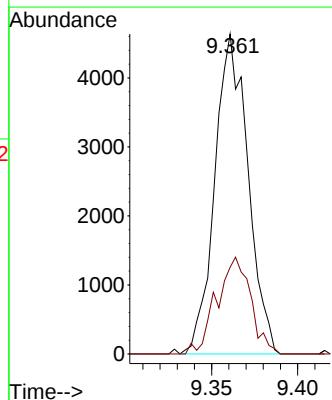
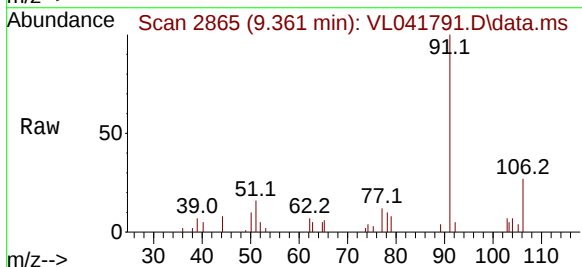
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

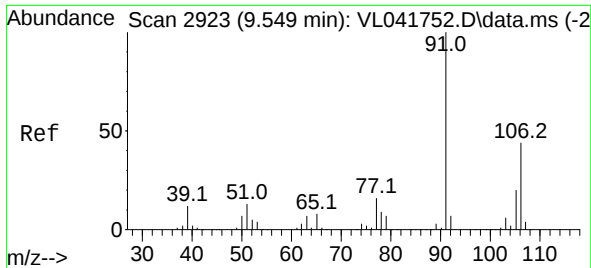
Tgt Ion:112 Resp: 6147
Ion Ratio Lower Upper
112 100
77 67.5 57.4 86.0
114 27.8 27.4 33.4



#58
Ethyl Benzene
Concen: 0.231 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.006 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion: 91 Resp: 6214
Ion Ratio Lower Upper
91 100
106 27.1 23.5 35.3

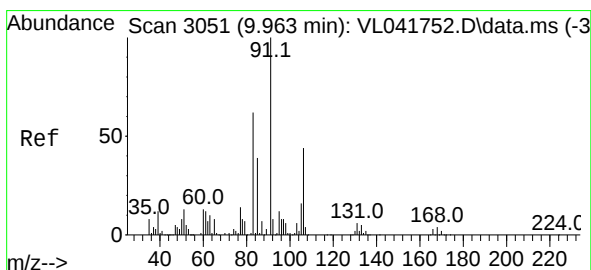
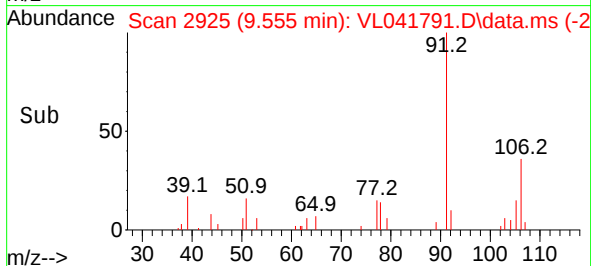
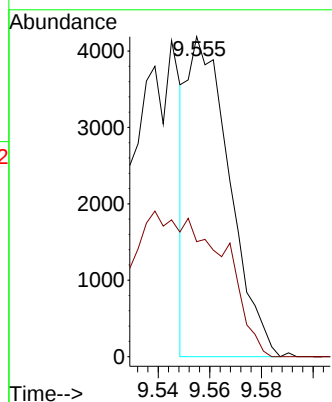
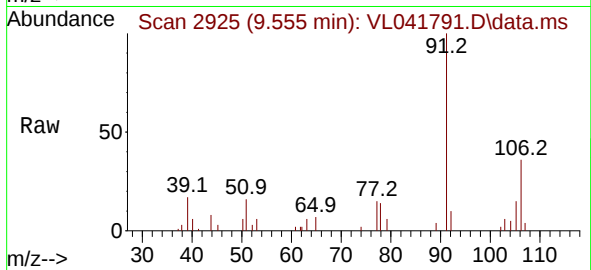




#59
m/p-Xylene
Concen: 0.220 ppbv
RT: 9.555 min Scan# 2923
Delta R.T. 0.006 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

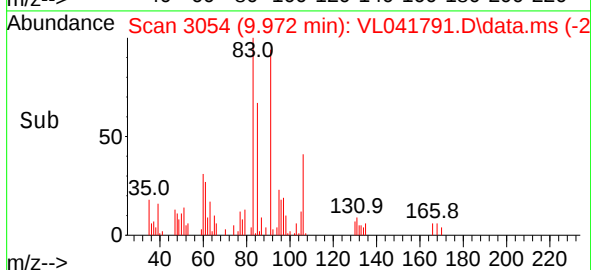
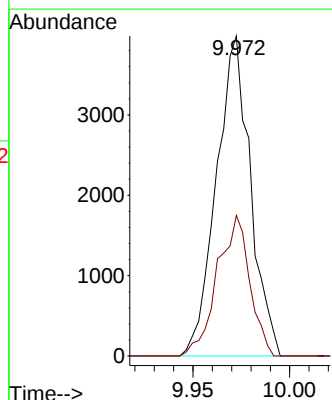
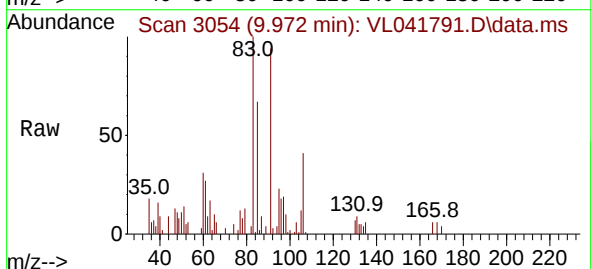
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

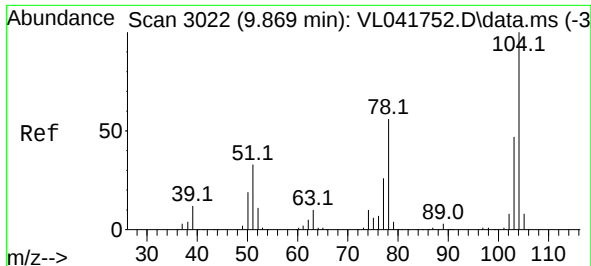
Tgt Ion: 91 Resp: 4768
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.224 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.009 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion: 91 Resp: 4872
Ion Ratio Lower Upper
91 100
106 41.8 21.1 63.4





#61

Styrene

Concen: 0.214 ppbv

RT: 9.879 min Scan# 3022

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

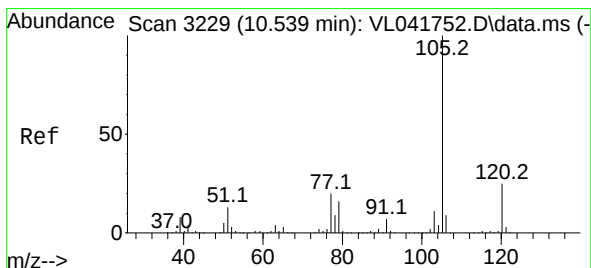
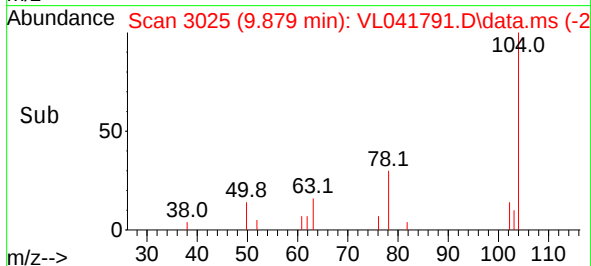
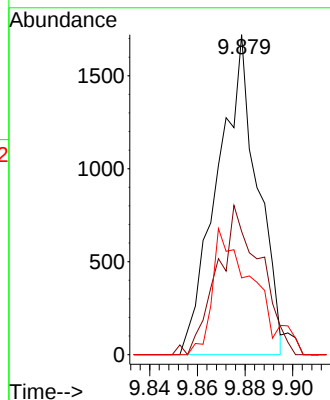
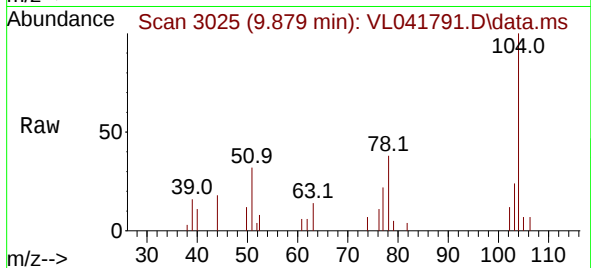
Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

Tgt Ion:104	Resp:	2011
Ion Ratio	Lower	Upper
104	100	
78	50.4	43.8 65.6
103	40.9	37.8 56.6



#62

Isopropylbenzene

Concen: 0.278 ppbv

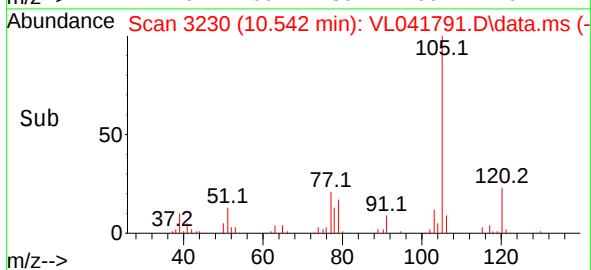
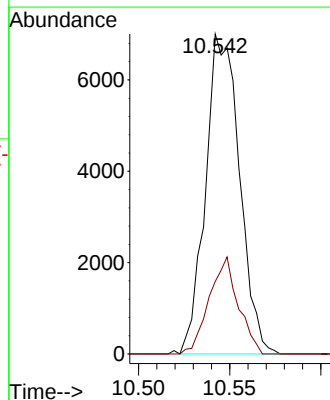
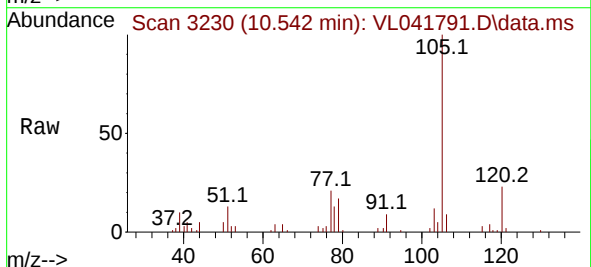
RT: 10.542 min Scan# 3230

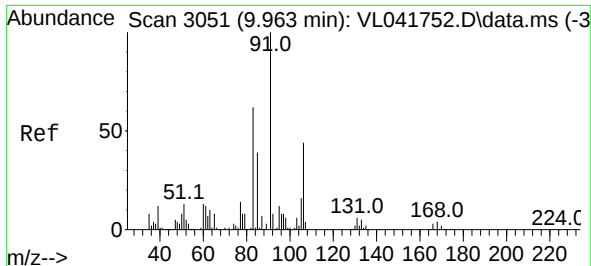
Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion:105	Resp:	9065
Ion Ratio	Lower	Upper
105	100	
120	26.0	19.8 29.8

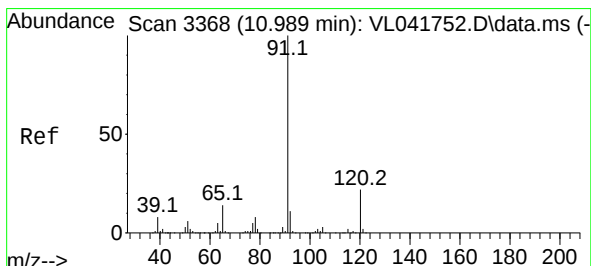
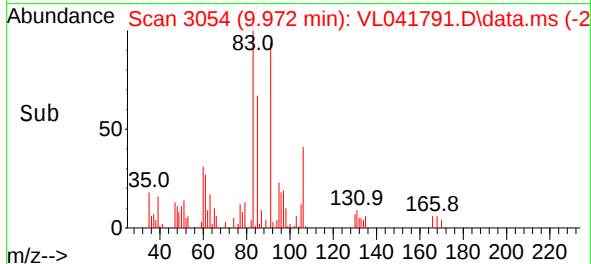
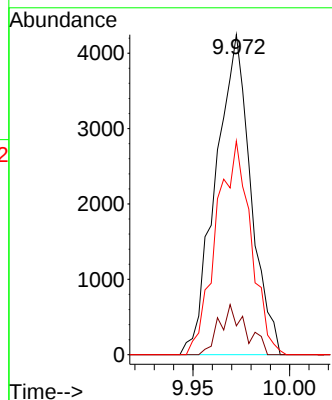
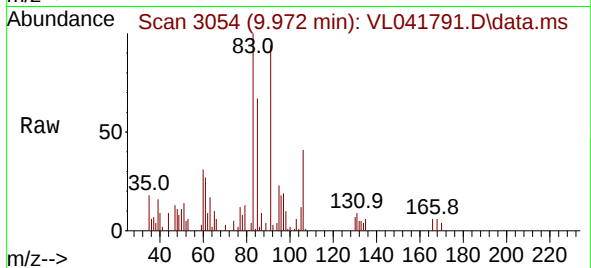




#63
1,1,2,2-Tetrachloroethane
Concen: 0.394 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.009 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

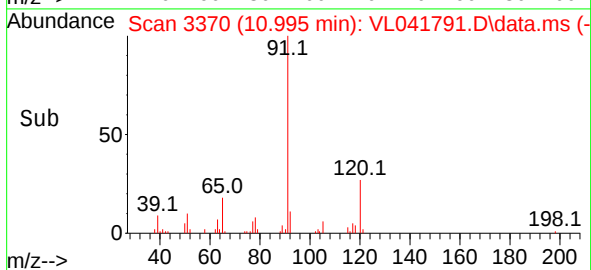
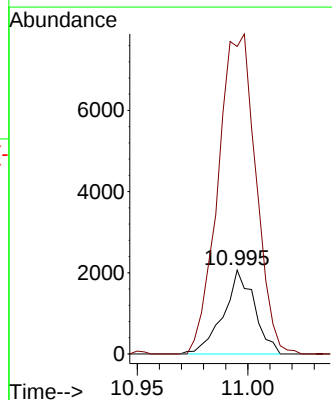
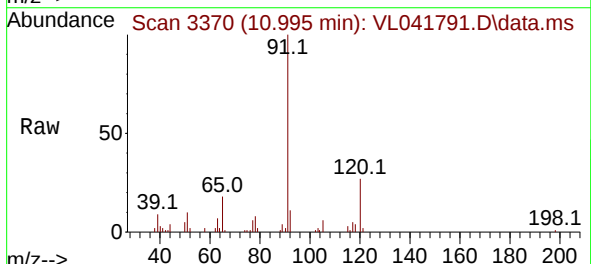
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

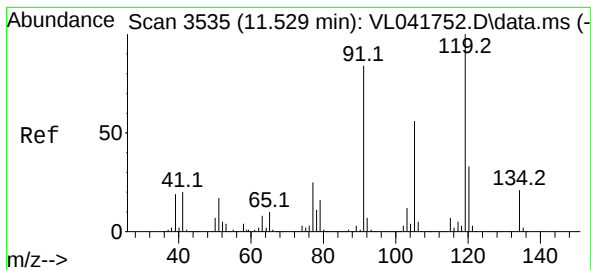
Tgt Ion: 83 Resp: 5357
Ion Ratio Lower Upper
83 100
131 11.8 4.9 14.7
85 65.9 32.0 96.2



#64
n-propylbenzene
Concen: 0.244 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.006 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion:120 Resp: 2010
Ion Ratio Lower Upper
120 100
91 466.8 387.3 580.9





#65

tert-Butylbenzene

Concen: 0.206 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

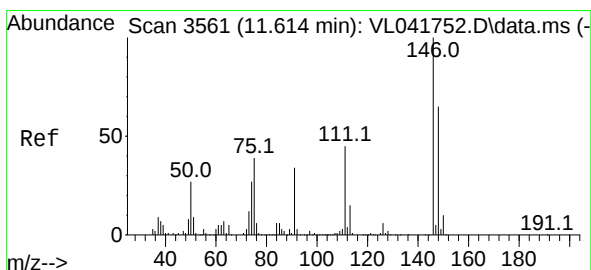
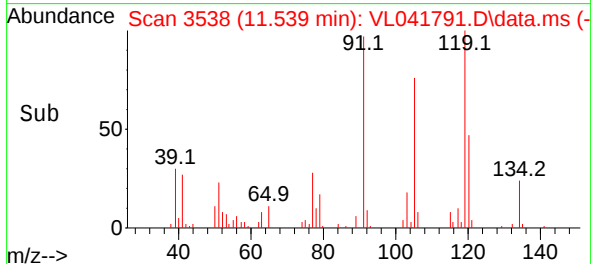
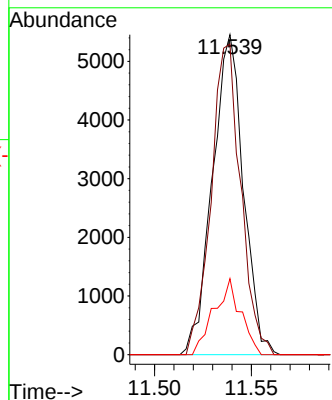
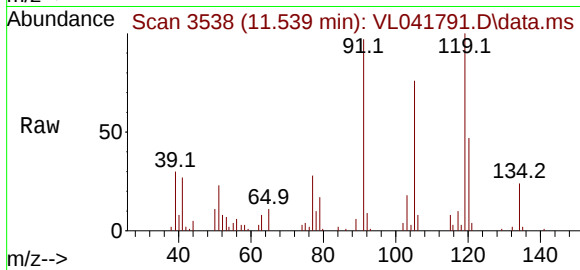
Tgt Ion:119 Resp: 6064

Ion Ratio Lower Upper

119 100

91 92.8 67.0 100.4

134 20.4 16.5 24.7



#66

Benzyl Chloride

Concen: 0.064 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. 0.013 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

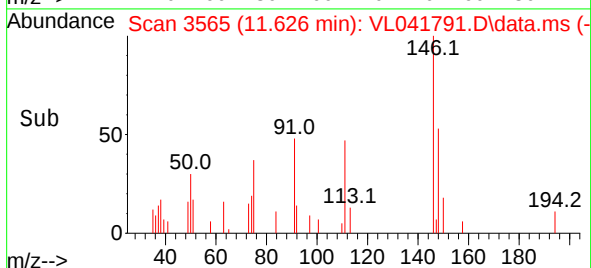
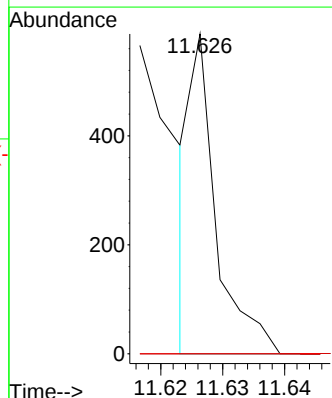
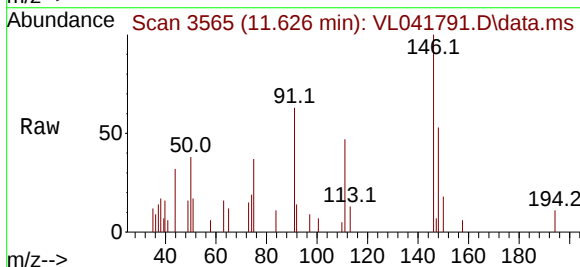
Tgt Ion: 91 Resp: 166

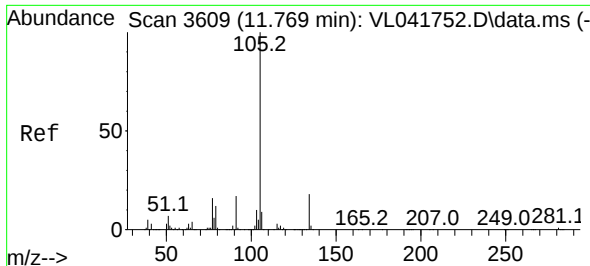
Ion Ratio Lower Upper

91 100

126 0.0 13.9 20.9#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.234 ppbv

RT: 11.775 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

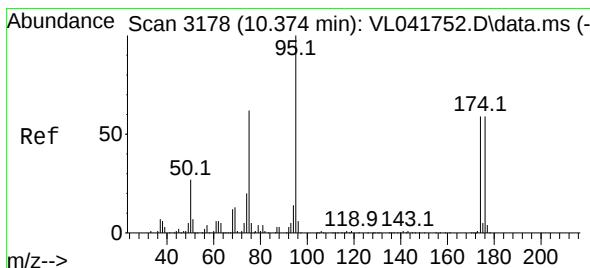
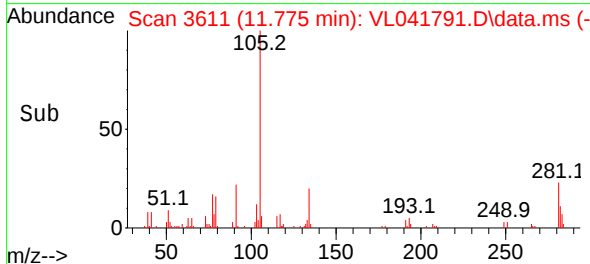
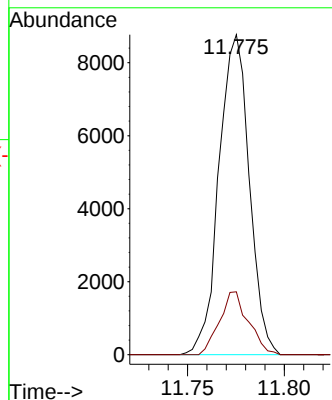
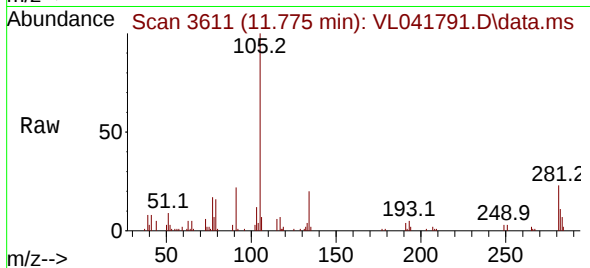
MDL 0.4

Tgt Ion:105 Resp: 9538

Ion Ratio Lower Upper

105 100

134 18.7 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.495 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

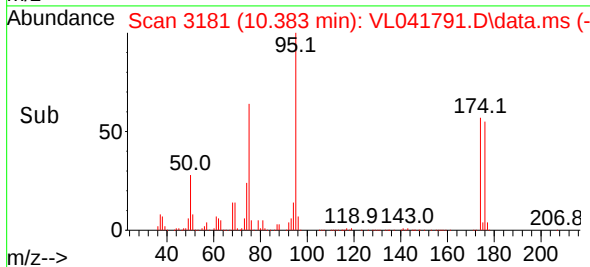
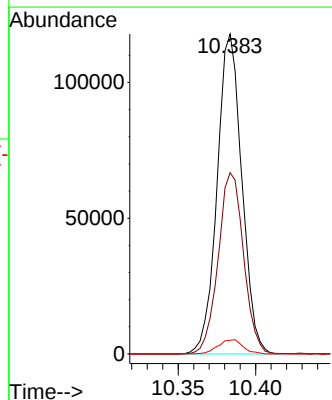
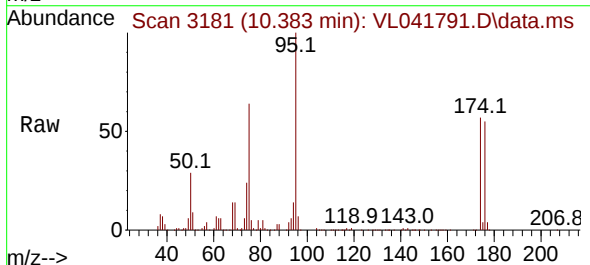
Tgt Ion: 95 Resp: 130797

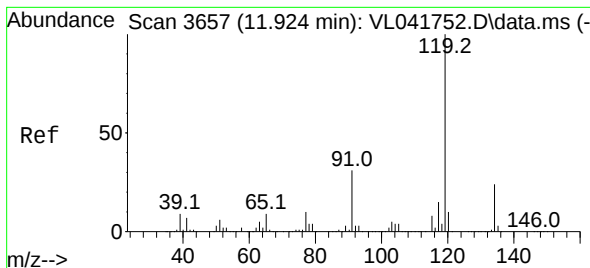
Ion Ratio Lower Upper

95 100

174 58.3 47.6 71.4

175 4.5 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.209 ppbv

RT: 11.931 min Scan# 3659

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

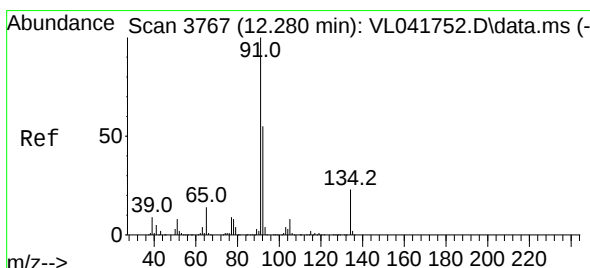
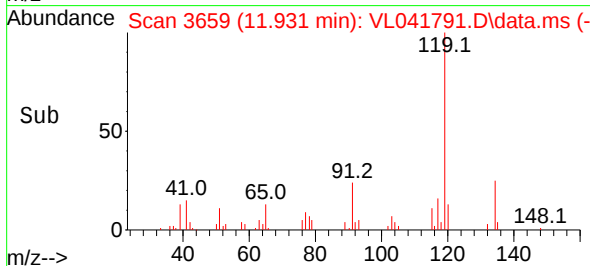
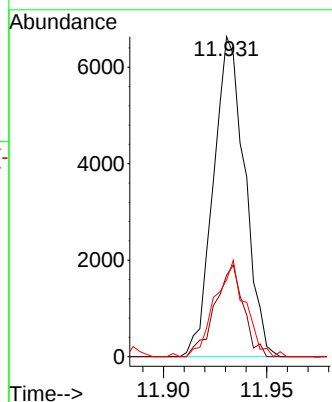
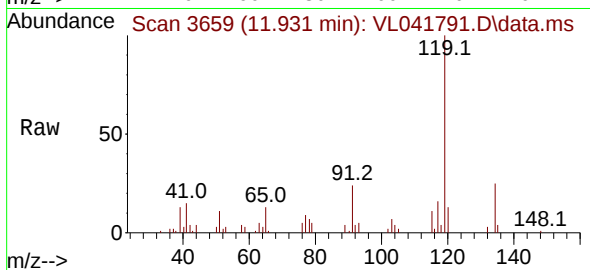
Tgt Ion:119 Resp: 7005

Ion Ratio Lower Upper

119 100

134 26.1 19.6 29.4

91 29.2 24.4 36.6



#70

n-Butylbenzene

Concen: 0.195 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

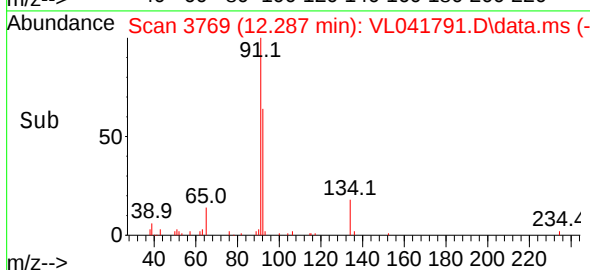
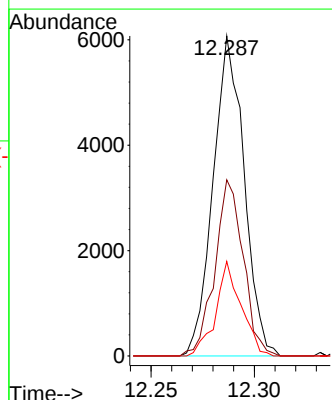
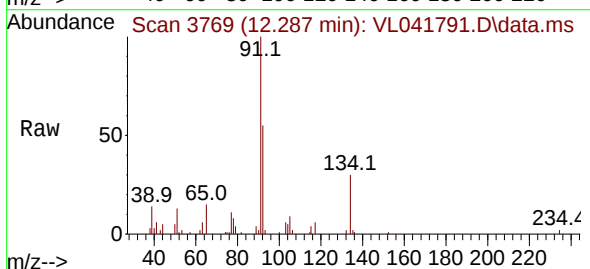
Tgt Ion: 91 Resp: 6332

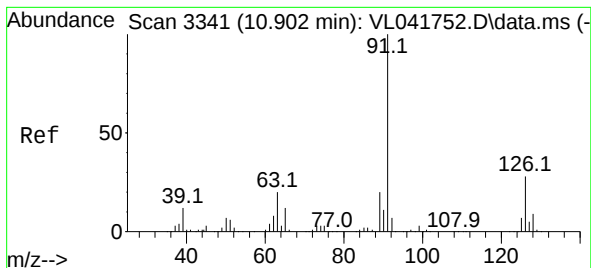
Ion Ratio Lower Upper

91 100

92 50.6 43.2 64.8

134 24.2 18.2 27.4





#71

2-Chlorotoluene

Concen: 0.258 ppbv

RT: 10.908 min Scan# 3411

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

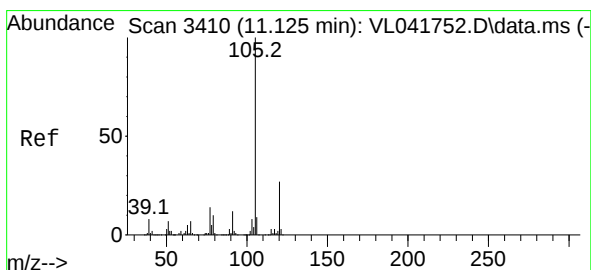
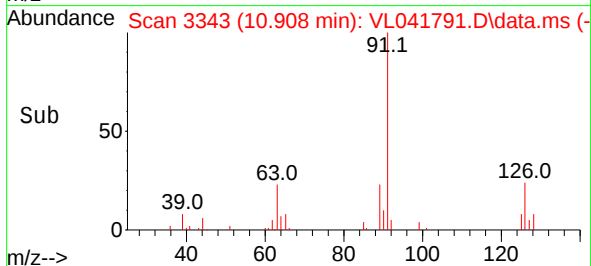
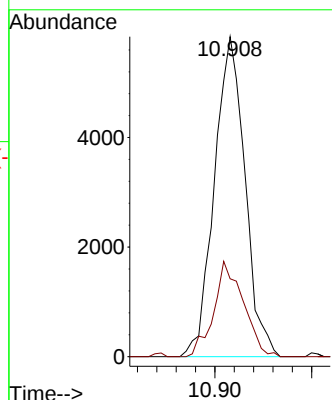
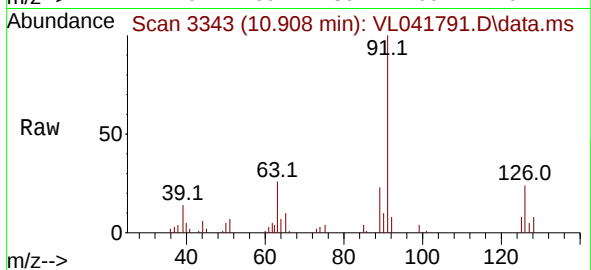
MDL 0.4

Tgt Ion: 91 Resp: 6411

Ion Ratio Lower Upper

91 100

126 29.2 11.6 46.4



#72

4-Ethyltoluene

Concen: 0.204 ppbv

RT: 11.128 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion: 105 Resp: 5226

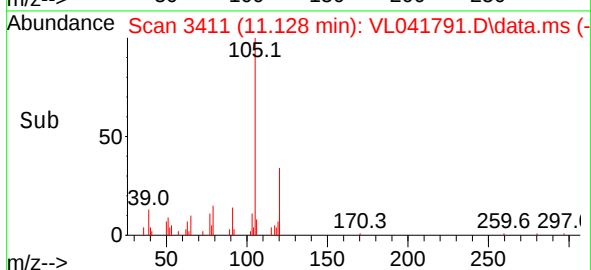
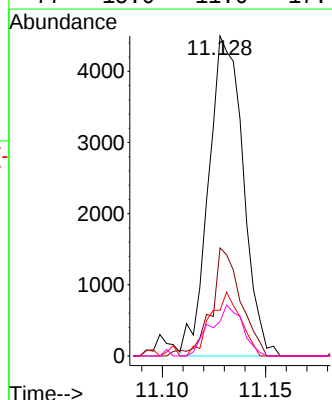
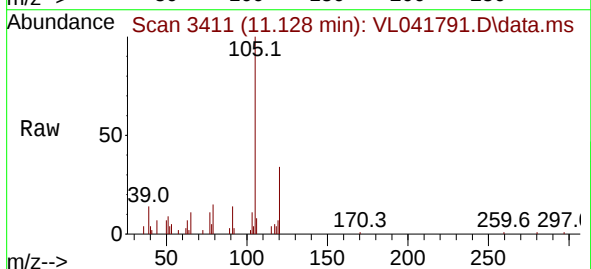
Ion Ratio Lower Upper

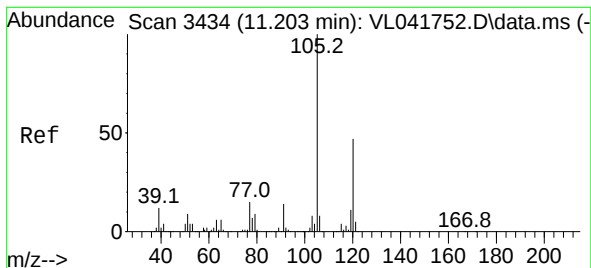
105 100

120 28.8 23.3 34.9

91 18.7 10.9 16.3#

77 15.0 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.194 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.009 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

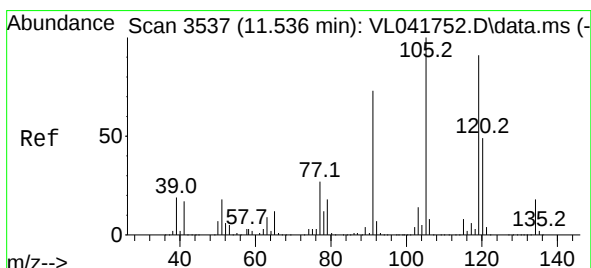
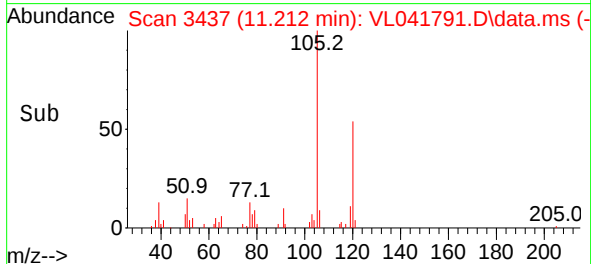
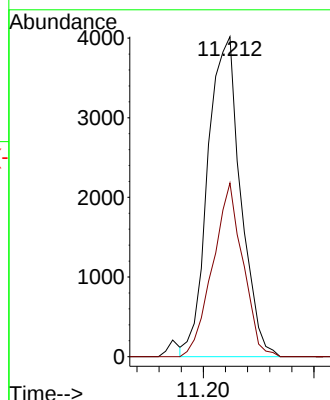
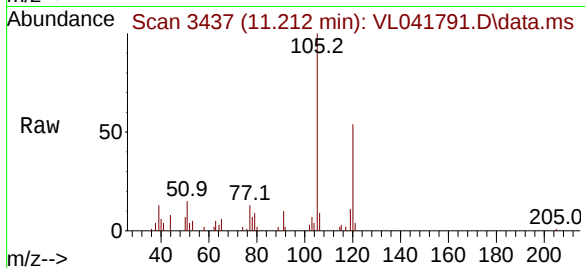
MDL 0.4

Tgt Ion:105 Resp: 4135

Ion Ratio Lower Upper

105 100

120 54.2 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 0.208 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion:105 Resp: 4748

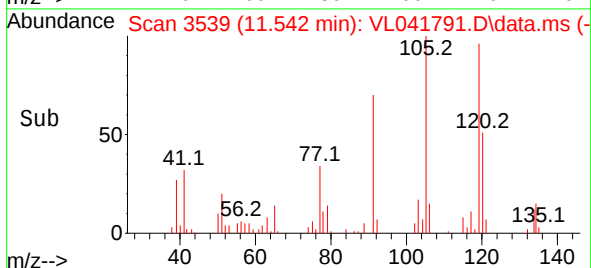
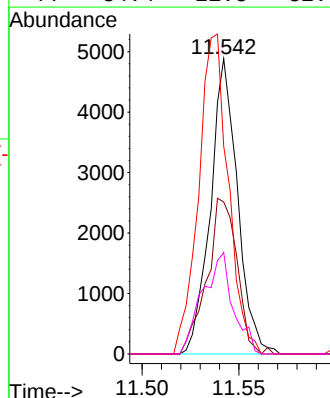
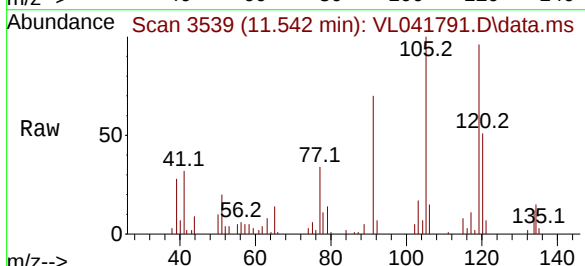
Ion Ratio Lower Upper

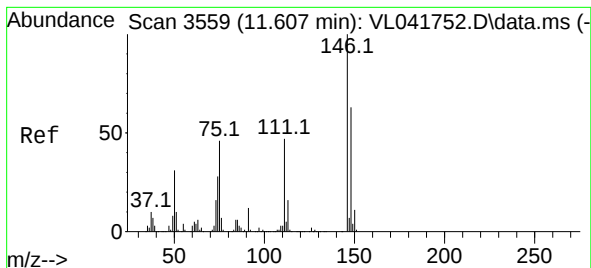
105 100

120 51.5 39.0 58.4

91 70.4 58.1 87.1

77 34.4 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.378 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.4

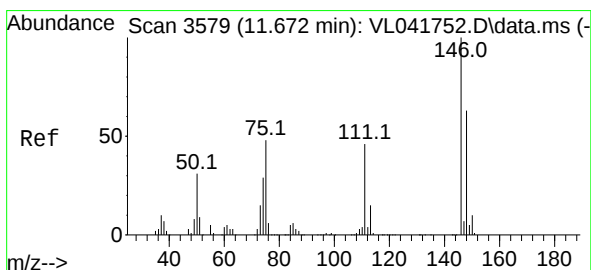
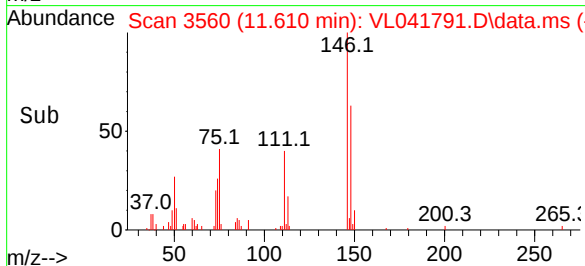
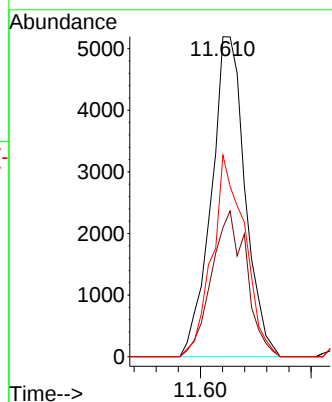
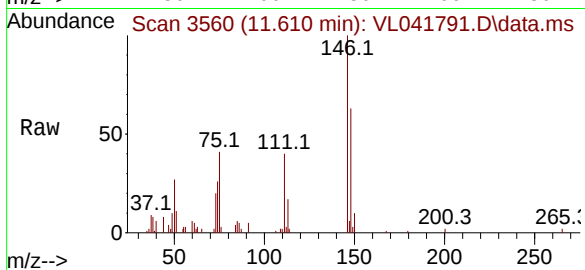
Tgt Ion:146 Resp: 5507

Ion Ratio Lower Upper

146 100

111 47.0 23.4 70.3

148 60.5 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 0.318 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

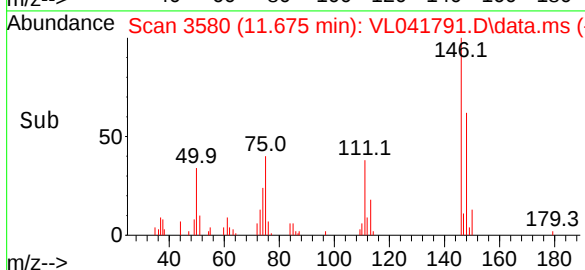
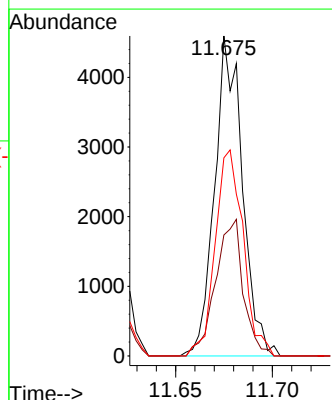
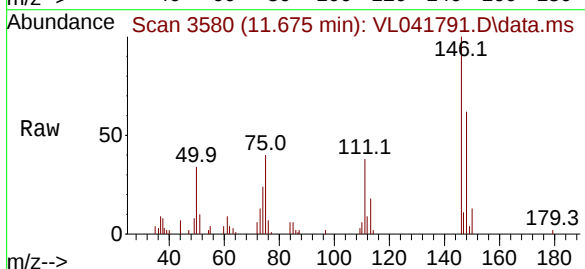
Tgt Ion:146 Resp: 4576

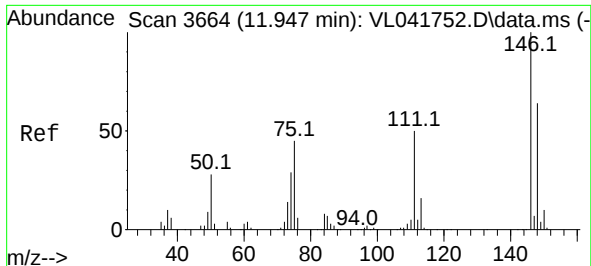
Ion Ratio Lower Upper

146 100

111 42.7 22.7 68.1

148 65.0 31.4 94.0

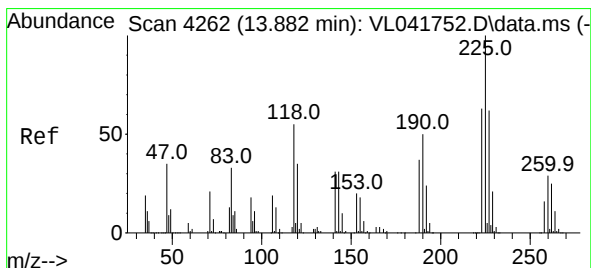
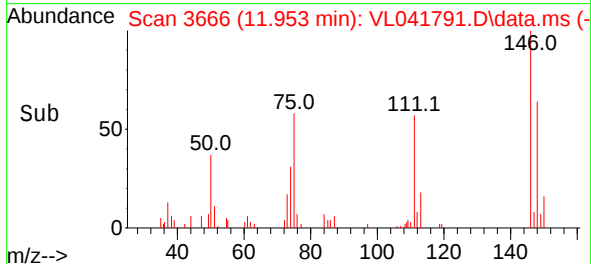
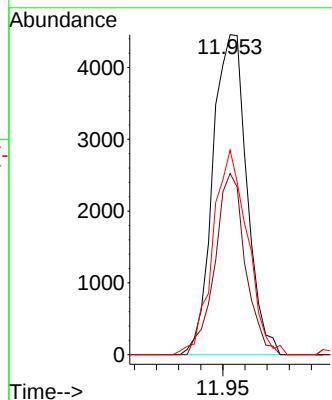
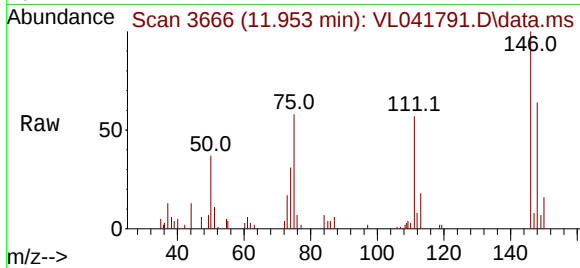




#77
1,2-Dichlorobenzene
Concen: 0.339 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.006 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

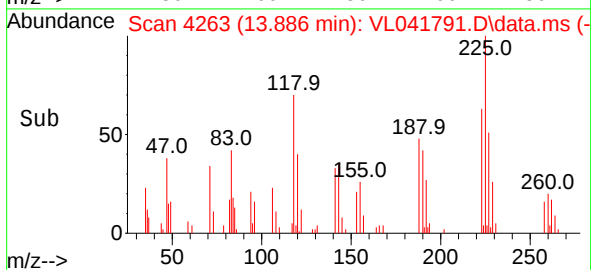
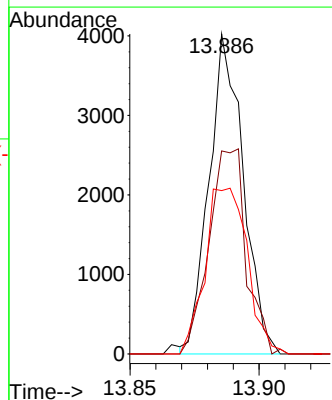
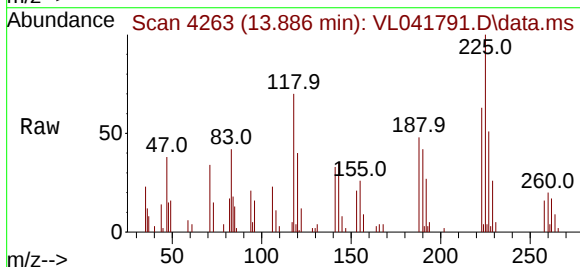
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

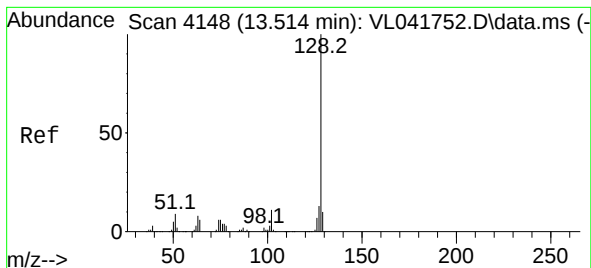
Tgt Ion:146 Resp: 4756
Ion Ratio Lower Upper
146 100
111 50.9 24.8 74.3
148 65.3 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 0.356 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041791.D
Acq: 18 Dec 2024 12:59

Tgt Ion:225 Resp: 3702
Ion Ratio Lower Upper
225 100
223 69.9 50.5 75.7
227 64.1 50.3 75.5





#79

Naphthalene

Concen: 0.129 ppbv

RT: 13.517 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

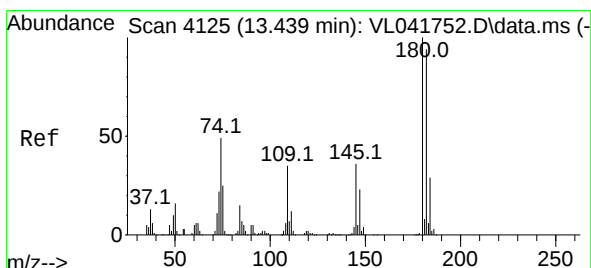
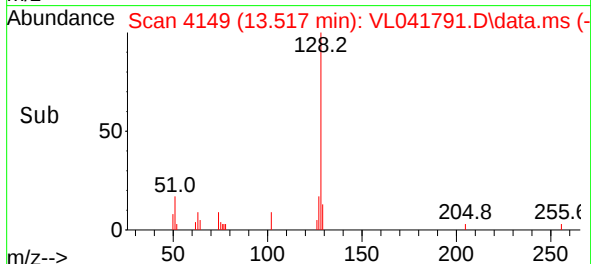
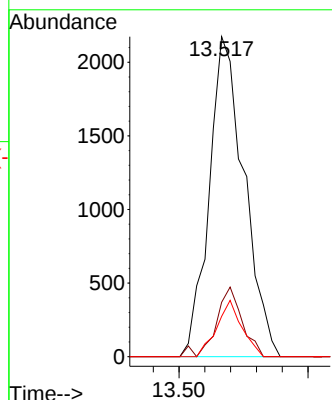
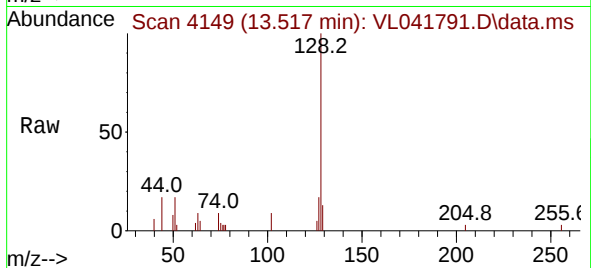
Tgt Ion:128 Resp: 2048

Ion Ratio Lower Upper

128 100

127 17.0 10.7 16.1#

129 12.6 8.2 12.4#



#81

1,2,4-Trichlorobenzene

Concen: 0.198 ppbv

RT: 13.442 min Scan# 4126

Delta R.T. 0.003 min

Lab File: VL041791.D

Acq: 18 Dec 2024 12:59

Tgt Ion:180 Resp: 1725

Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.6

184 34.8 23.8 35.8

