

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041818.D
 Acq On : 19 Dec 2024 13:16
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 20 01:39:33 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)

Internal Standards						
1) Bromochloromethane	2.787	49	82770	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	200154	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	174346	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.381 95 149792 10.310 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.100%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.499	85	111190	7.550 ppbv	96
3) Chlorodifluoromethane	1.477	51	125153	9.272 ppbv	100
4) Chloromethane	1.532	50	53436	9.273 ppbv	96
5) Vinyl Chloride	1.580	62	50121	8.633 ppbv	99
6) Bromomethane	1.668	94	24007	8.763 ppbv	97
7) Chloroethane	1.706	64	20386	9.039 ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	116105	8.808 ppbv	95
9) Propene	1.483	41	46299	7.914 ppbv	97
10) Heptane	4.982	43	129813	8.638 ppbv	100
11) Trichlorofluoromethane	1.878	101	137594	8.796 ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	102897	8.648 ppbv	96
13) Ethanol	1.723	45	3308	6.828 ppbv	91
14) Bromoethene	1.781	108	34621	8.619 ppbv	98
15) Acetone	1.836	43	123691	7.680 ppbv	97
16) 1,3-Butadiene	1.609	39	58138	9.168 ppbv	96
17) tert-Butyl alcohol	2.040	59	140369	8.786 ppbv	99
18) 1,1-Dichloroethene	2.033	96	42316	8.483 ppbv	90
19) Isopropyl Alcohol	1.888	45	69994	7.243 ppbv #	37
20) Methylene Chloride	2.062	84	38558	8.396 ppbv	91
21) Allyl Chloride	2.098	41	81129	9.289 ppbv	98
22) trans-1,2-Dichloroethene	2.341	96	48350	8.468 ppbv	97
23) Vinyl Acetate	2.464	43	62170	8.314 ppbv #	97
24) 1,1-Dichloroethane	2.409	63	104810	9.068 ppbv	100
25) Ethyl Acetate	2.836	43	272982	9.112 ppbv	100
26) Hexane	2.826	57	98534	8.667 ppbv	93
27) Carbon Disulfide	2.153	76	89868	8.772 ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	70625	7.657 ppbv	96
29) Chloroform	2.849	83	157908	9.114 ppbv	98
30) Cyclohexane	3.859	84	79194	8.186 ppbv	96
31) cis-1,2-Dichloroethene	2.723	61	100323	8.539 ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	151902	8.624 ppbv	98
34) 2-Butanone	2.558	43	156952	9.747 ppbv	99
35) Carbon Tetrachloride	3.765	117	152814	10.755 ppbv	99
36) Benzene	3.658	78	196330	9.483 ppbv	99
37) 1,2-Dichloroethane	3.221	62	129068	10.019 ppbv	100
38) Trichloroethene	4.551	130	74447	8.471 ppbv	92
39) 1,2-Dichloropropane	4.318	63	71700	9.575 ppbv	96
40) 1,4-Dioxane	4.584	88	33486	9.154 ppbv #	94
41) Tetrahydrofuran	3.056	42	85350	9.461 ppbv	99
42) Bromodichloromethane	4.493	83	152475	10.288 ppbv	99
43) Methyl Methacrylate	4.888	69	72474	9.187 ppbv	96
44) 2,2,4-Trimethylpentane	4.645	57	342795	9.695 ppbv	97
45) t-1,3-Dichloropropene	6.425	75	28750	3.523 ppbv	98

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 ALS Vial : 1 Sample Multiplier: 1

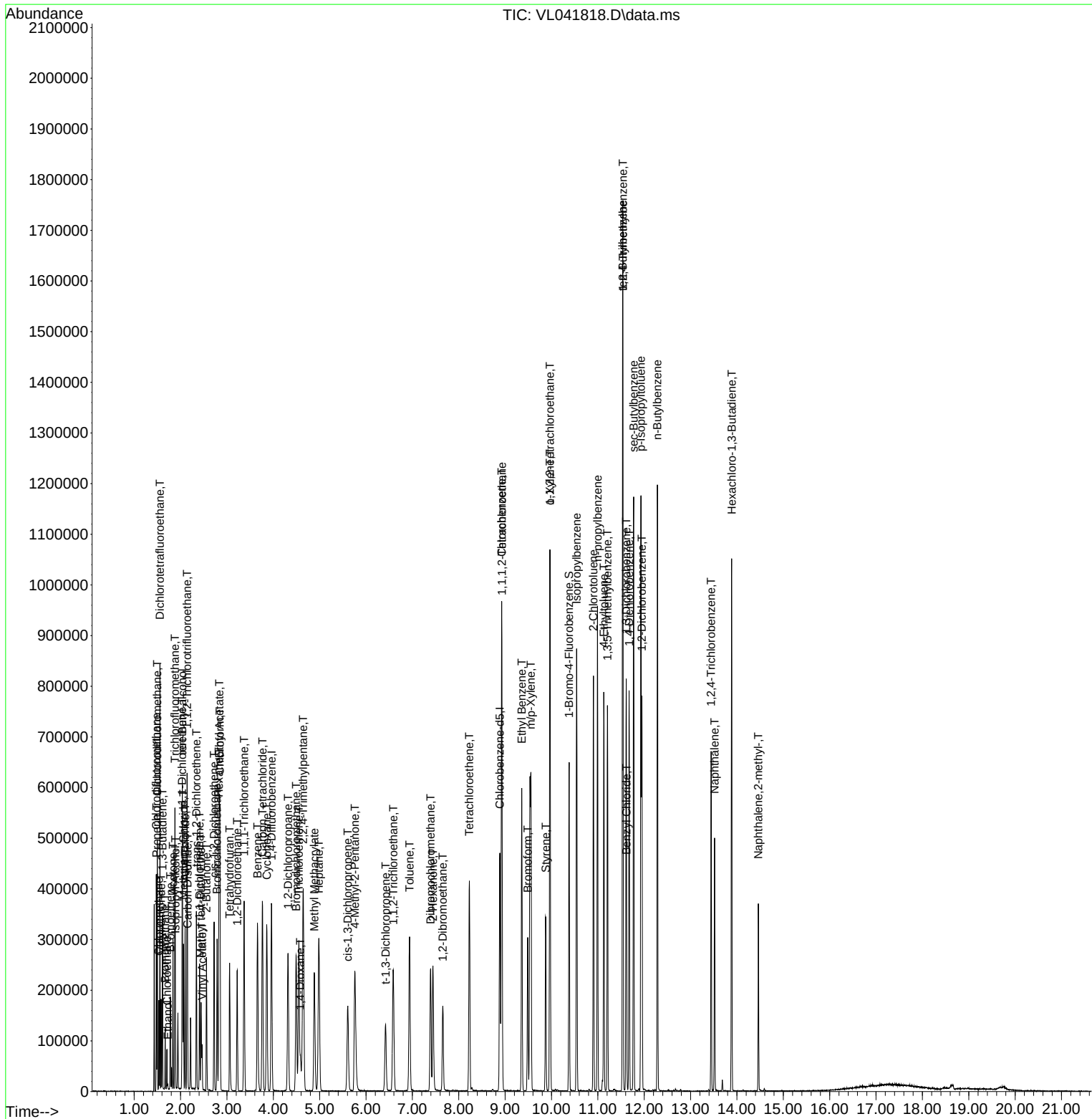
Instrument :
 MSVOA_L
 ClientSampleId :

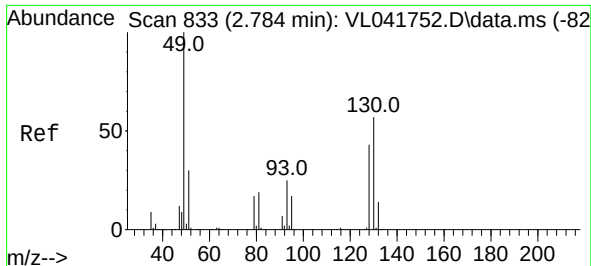
Quant Time: Dec 20 01:39:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.607	75	92324	8.913	ppbv	97
47) 1,1,2-Trichloroethane	6.587	97	74497	9.525	ppbv	93
48) Dibromochloromethane	7.393	129	109136	10.219	ppbv	98
49) Bromoform	9.487	173	89782	10.270	ppbv	99
50) 4-Methyl-2-Pentanone	5.762	43	213582	9.742	ppbv	97
51) 2-Hexanone	7.442	43	168674	9.491	ppbv #	97
52) Tetrachloroethene	8.228	164	63740	8.271	ppbv	96
53) Toluene	6.940	91	207460	8.838	ppbv	99
54) 1,2-Dibromoethane	7.655	107	101907	9.456	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.931	131	97552	10.554	ppbv	99
57) Chlorobenzene	8.927	112	172549	9.672	ppbv	99
58) Ethyl Benzene	9.358	91	301914	9.619	ppbv	98
59) m/p-Xylene	9.552	91	239560	9.492	ppbv #	100
60) o-Xylene	9.966	91	253450	10.014	ppbv	100
61) Styrene	9.876	104	107800	9.850	ppbv	99
62) Isopropylbenzene	10.542	105	379023	9.968	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	163931	10.348	ppbv	99
64) n-propylbenzene	10.992	120	98807	10.277	ppbv	100
65) tert-Butylbenzene	11.536	119	339253	9.889	ppbv	98
66) Benzyl Chloride	11.620	91	25904	8.572	ppbv	98
67) sec-Butylbenzene	11.772	105	482064	10.154	ppbv	99
69) p-Isopropyltoluene	11.928	119	397685	10.165	ppbv	99
70) n-Butylbenzene	12.284	91	398384	10.539	ppbv	100
71) 2-Chlorotoluene	10.905	91	289210	9.964	ppbv	99
72) 4-Ethyltoluene	11.128	105	313014	10.478	ppbv	99
73) 1,3,5-Trimethylbenzene	11.206	105	264997	10.692	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	291508	10.937	ppbv	92
75) 1,3-Dichlorobenzene	11.611	146	170226	10.017	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	169203	10.079	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	161579	9.882	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	97824	8.069	ppbv	99
79) Naphthalene	13.517	128	206055	11.095	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	87758	15.278	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	95272	9.388	ppbv	99

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

Quant Time: Dec 20 01:39:33 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: 2.787 min Scan# 834

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

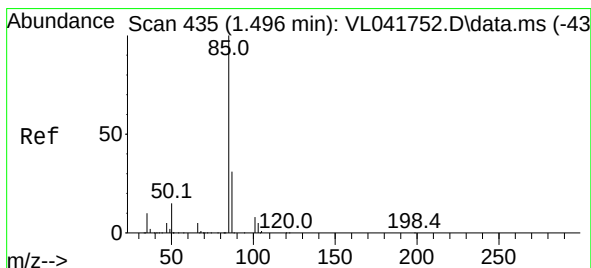
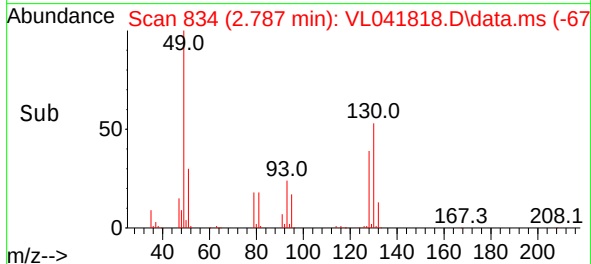
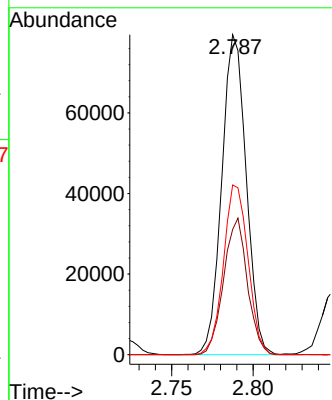
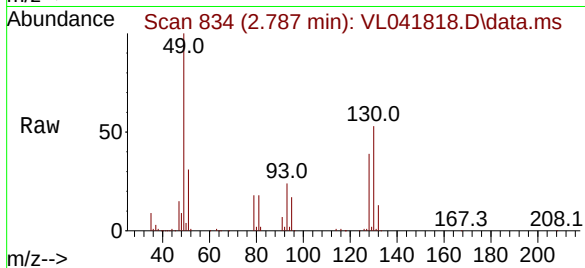
Tgt Ion: 49 Resp: 82770

Ion Ratio Lower Upper

49 100

128 41.4 21.6 64.6

130 53.2 28.3 85.0



#2

Dichlorodifluoromethane

Concen: 7.550 ppbv

RT: 1.499 min Scan# 436

Delta R.T. 0.003 min

Lab File: VL041818.D

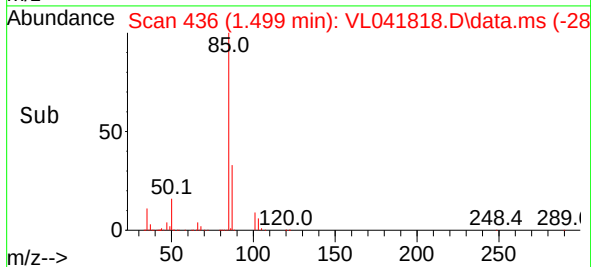
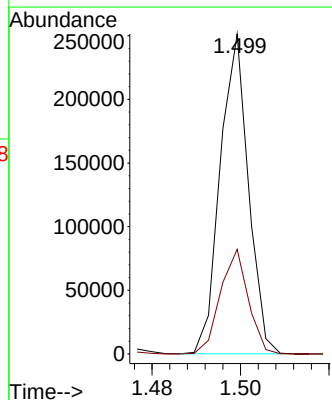
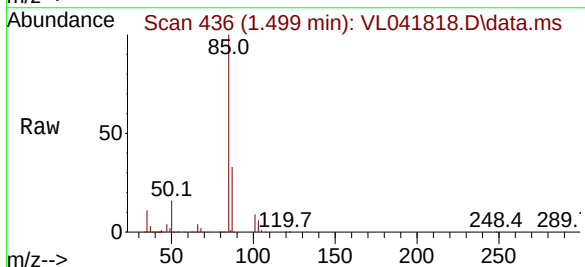
Acq: 19 Dec 2024 13:16

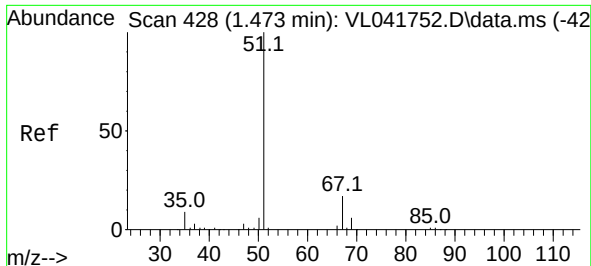
Tgt Ion: 85 Resp: 111190

Ion Ratio Lower Upper

85 100

87 32.7 24.5 36.7





#3

Chlorodifluoromethane

Concen: 9.272 ppbv

RT: 1.477 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

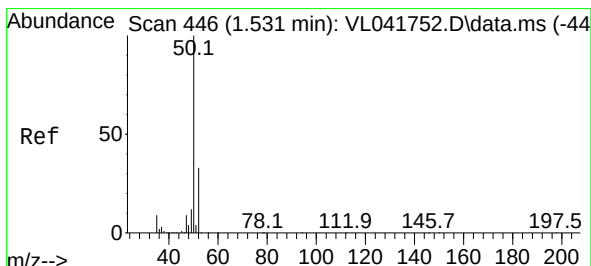
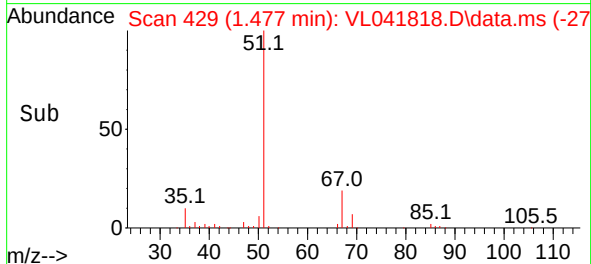
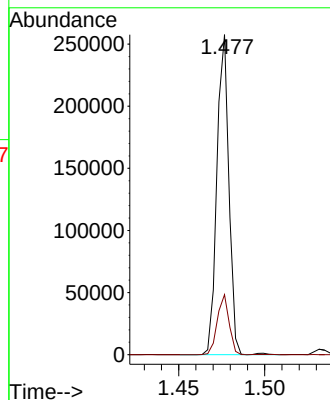
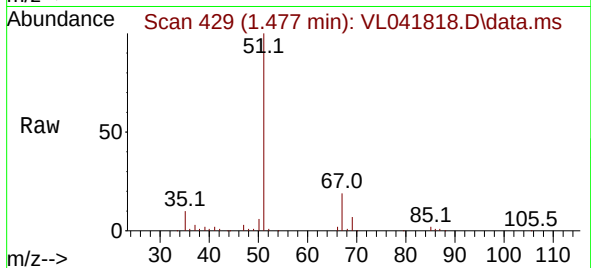
ClientSampleId :

Tgt Ion: 51 Resp: 125153

Ion Ratio Lower Upper

51 100

67 18.5 15.0 22.4



#4

Chloromethane

Concen: 9.273 ppbv

RT: 1.532 min Scan# 446

Delta R.T. 0.000 min

Lab File: VL041818.D

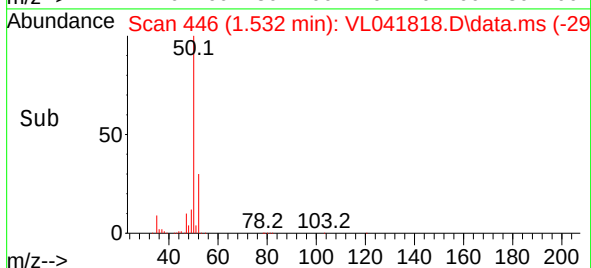
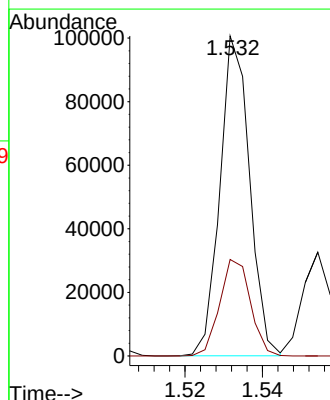
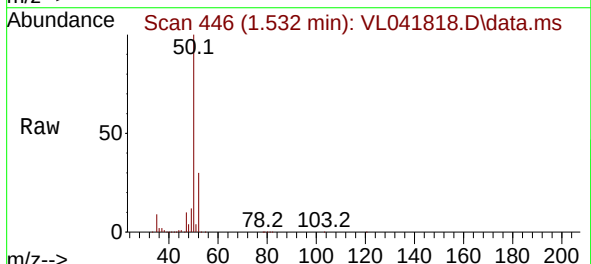
Acq: 19 Dec 2024 13:16

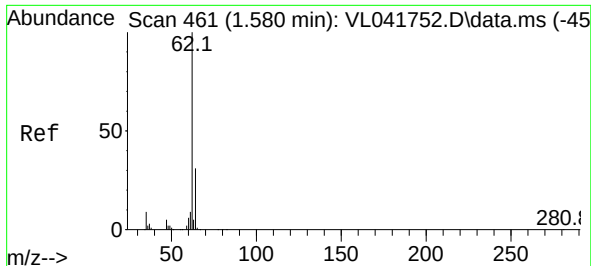
Tgt Ion: 50 Resp: 53436

Ion Ratio Lower Upper

50 100

52 30.2 26.2 39.2

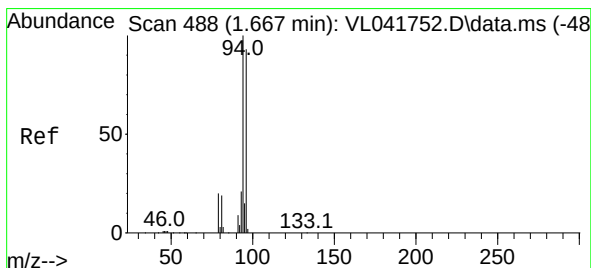
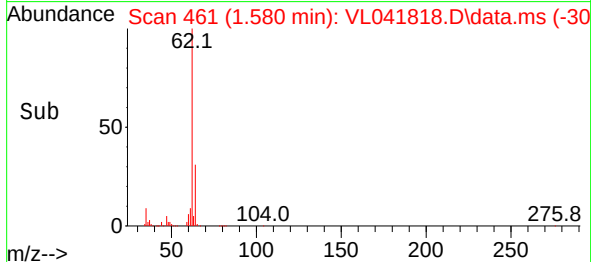
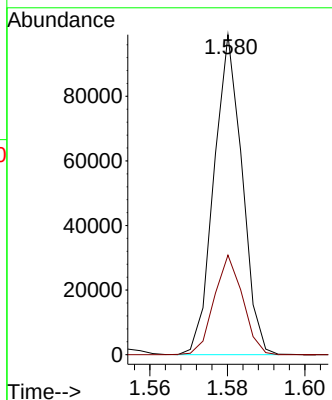
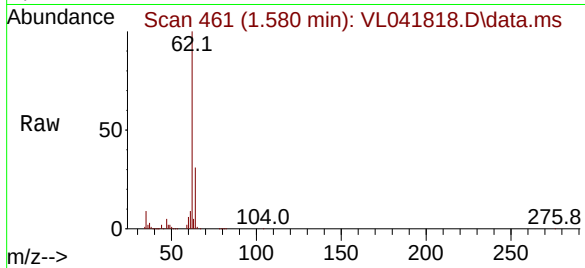




#5
 Vinyl Chloride
 Concen: 8.633 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

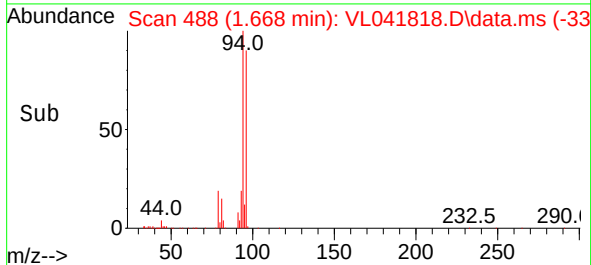
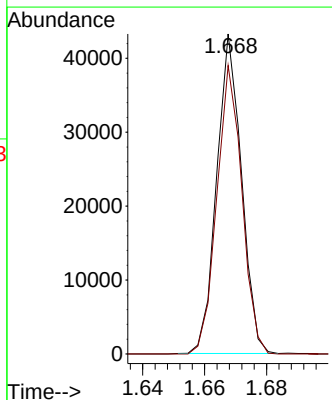
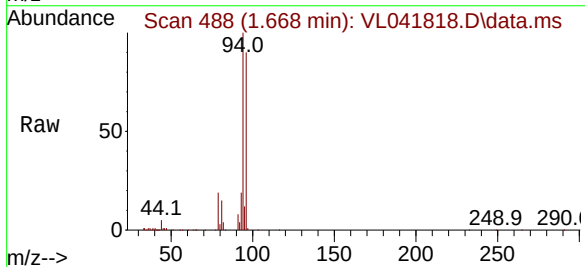
Instrument :
 MSVOA_L
 ClientSampleId :

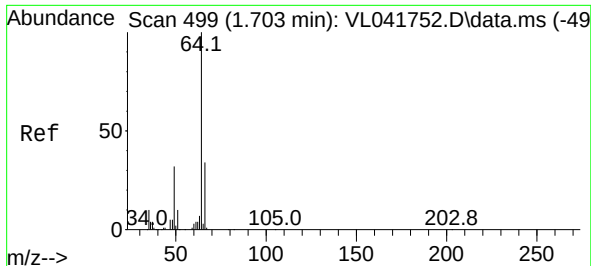
Tgt Ion: 62 Resp: 50121
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.1 37.7



#6
 Bromomethane
 Concen: 8.763 ppbv
 RT: 1.668 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

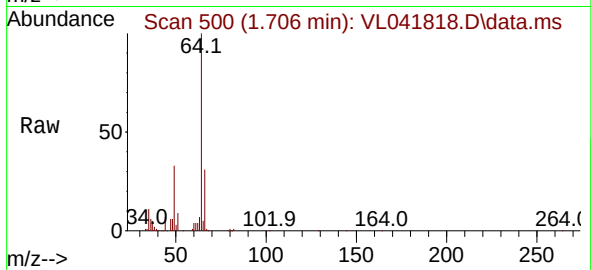
Tgt Ion: 94 Resp: 24007
 Ion Ratio Lower Upper
 94 100
 96 90.3 74.7 112.1



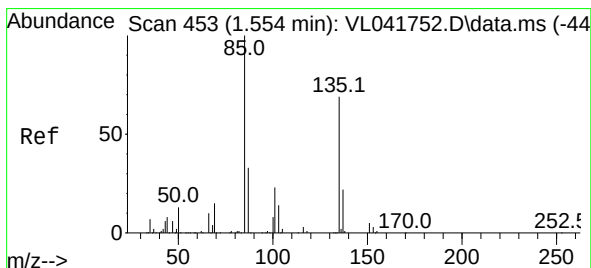
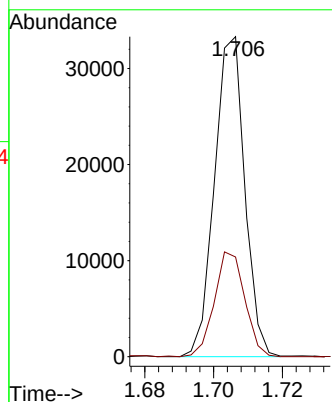
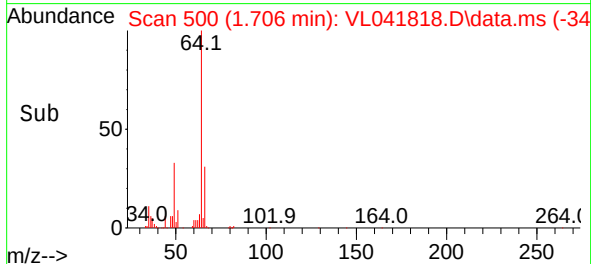


#7
Chloroethane
Concen: 9.039 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :

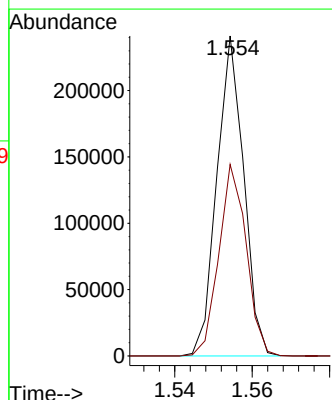
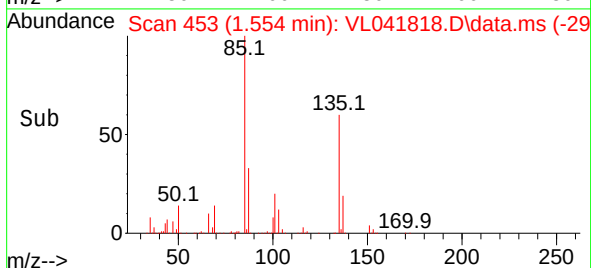
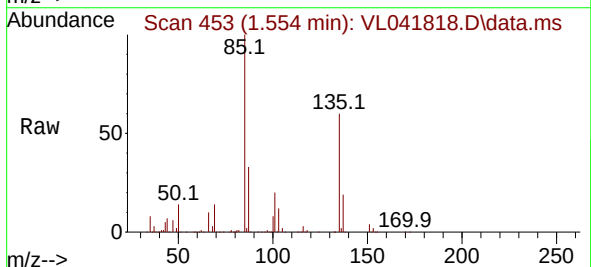


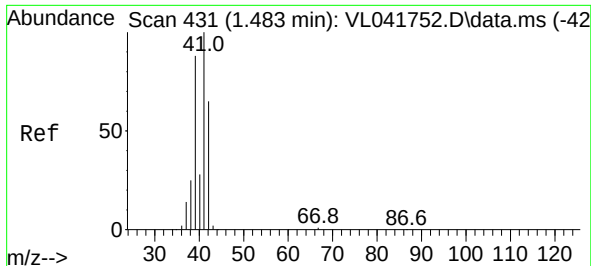
Tgt Ion: 64 Resp: 20386
Ion Ratio Lower Upper
64 100
66 31.1 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 8.808 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 85 Resp: 116105
Ion Ratio Lower Upper
85 100
135 61.2 51.9 77.9





#9

Propene

Concen: 7.914 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

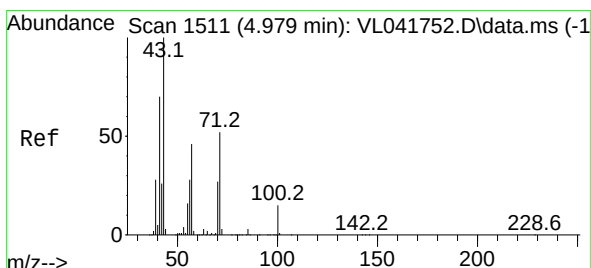
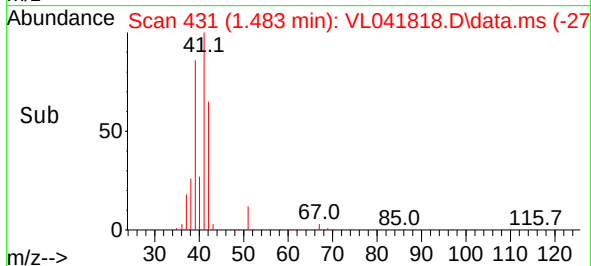
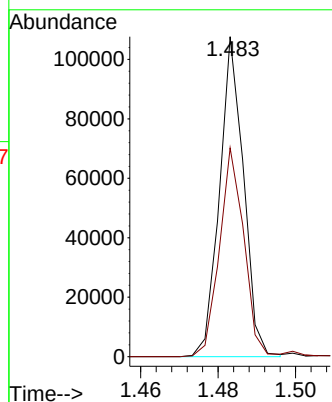
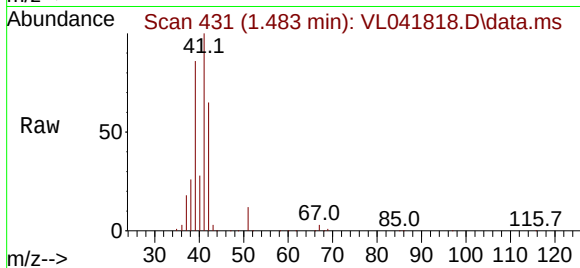
ClientSampleId :

Tgt Ion: 41 Resp: 46299

Ion Ratio Lower Upper

41 100

42 68.0 52.4 78.6



#10

Heptane

Concen: 8.638 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. 0.003 min

Lab File: VL041818.D

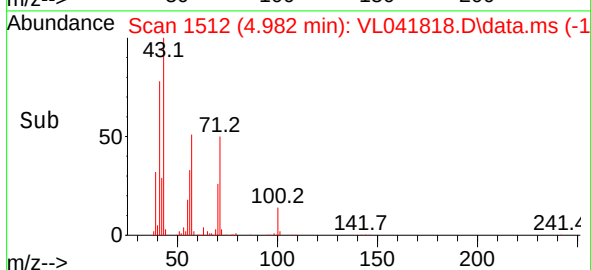
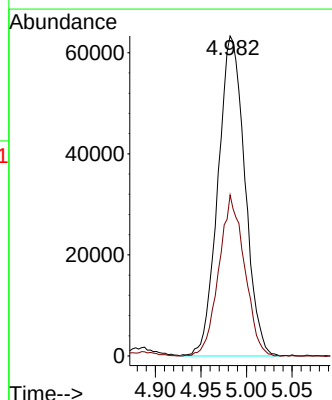
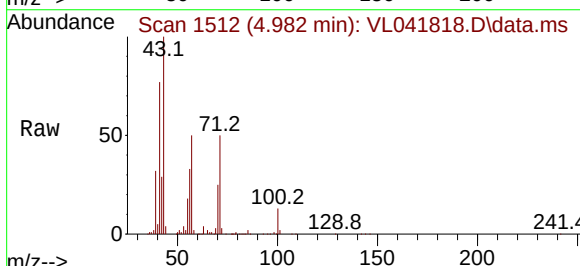
Acq: 19 Dec 2024 13:16

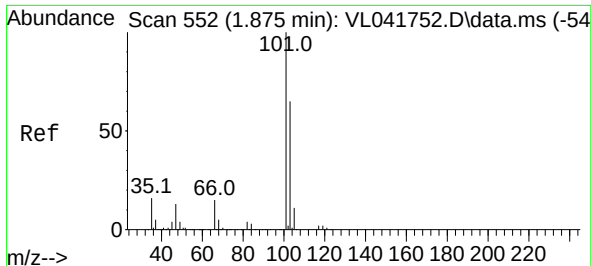
Tgt Ion: 43 Resp: 129813

Ion Ratio Lower Upper

43 100

57 48.0 38.5 57.7





#11

Trichlorofluoromethane

Concen: 8.796 ppbv

RT: 1.878 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

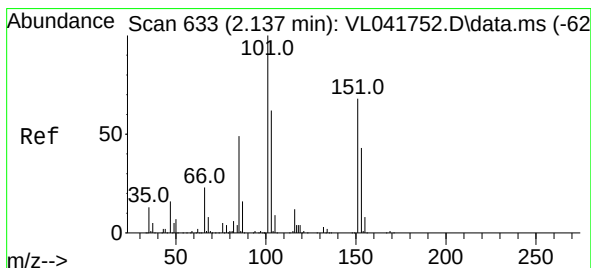
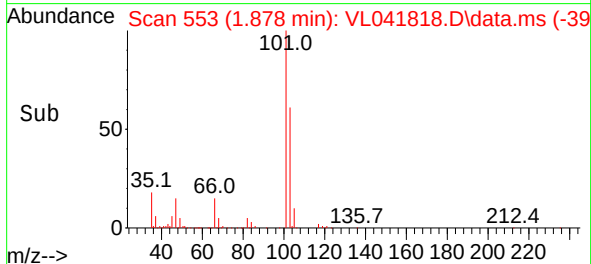
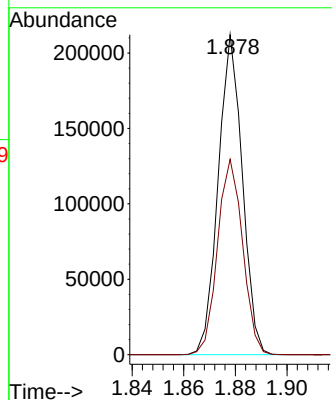
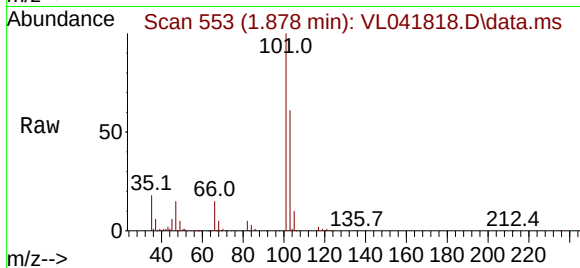
ClientSampleId :

Tgt Ion:101 Resp: 137594

Ion Ratio Lower Upper

101 100

103 61.0 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.648 ppbv

RT: 2.140 min Scan# 634

Delta R.T. 0.003 min

Lab File: VL041818.D

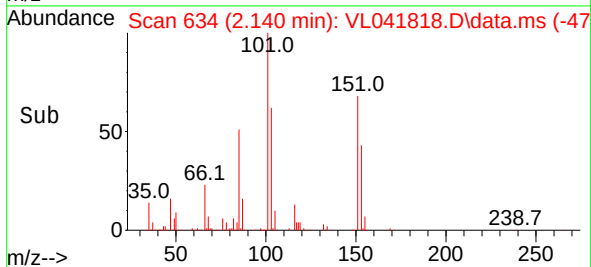
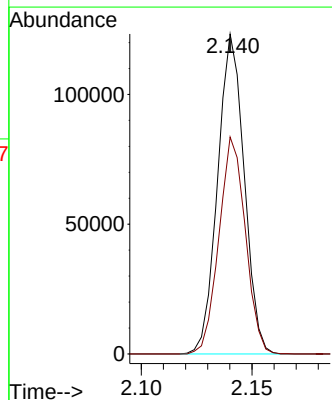
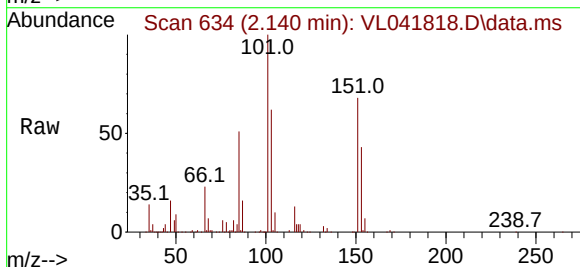
Acq: 19 Dec 2024 13:16

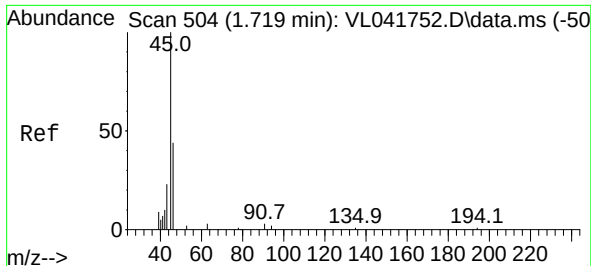
Tgt Ion:101 Resp: 102897

Ion Ratio Lower Upper

101 100

151 67.5 56.8 85.2





#13

Ethanol

Concen: 6.828 ppbv

RT: 1.723 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

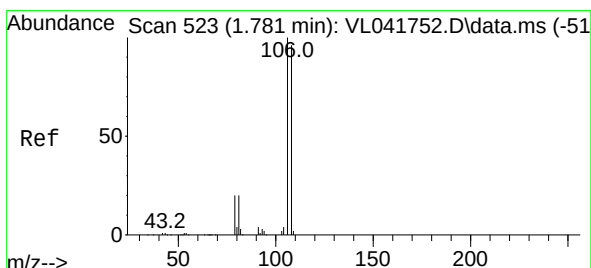
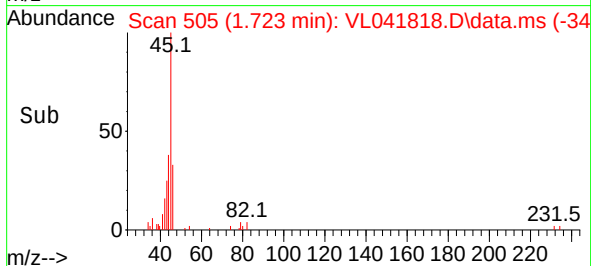
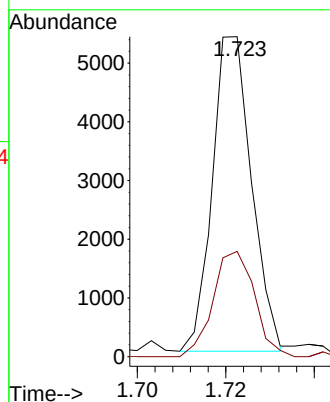
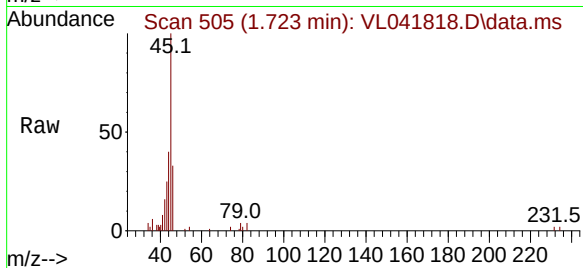
ClientSampleId :

Tgt Ion: 45 Resp: 3308

Ion Ratio Lower Upper

45 100

46 35.7 16.4 65.8



#14

Bromoethene

Concen: 8.619 ppbv

RT: 1.781 min Scan# 523

Delta R.T. 0.000 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

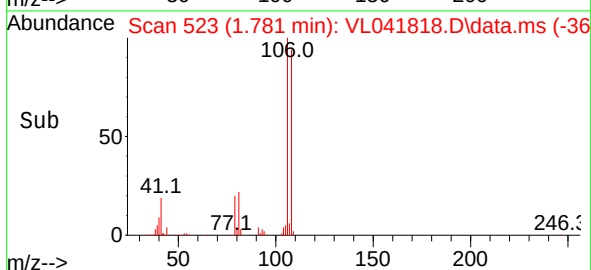
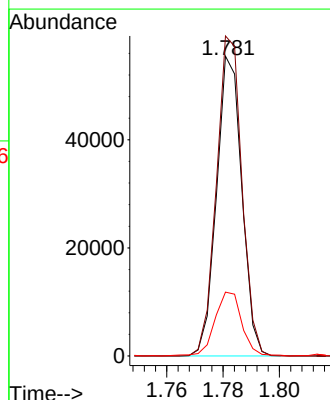
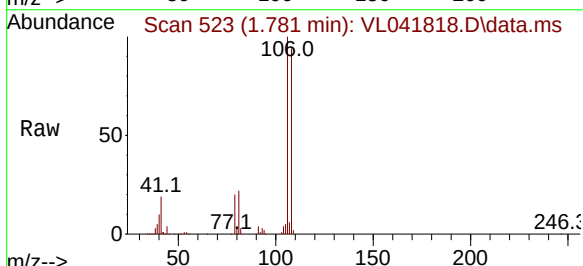
Tgt Ion:108 Resp: 34621

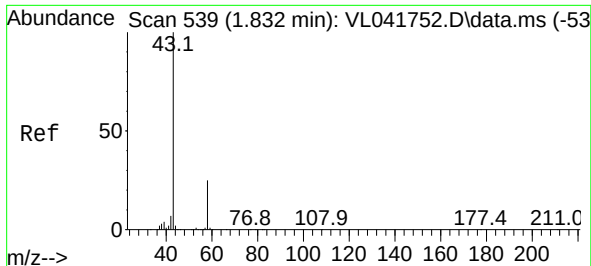
Ion Ratio Lower Upper

108 100

106 107.5 84.1 126.1

79 22.5 17.4 26.0





#15

Acetone

Concen: 7.680 ppbv

RT: 1.836 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

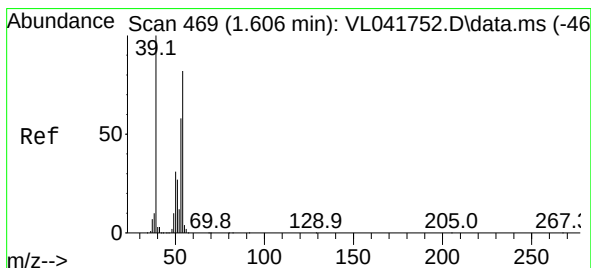
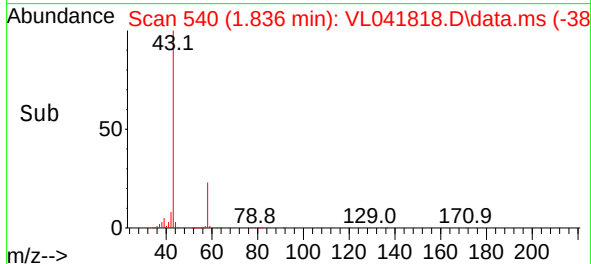
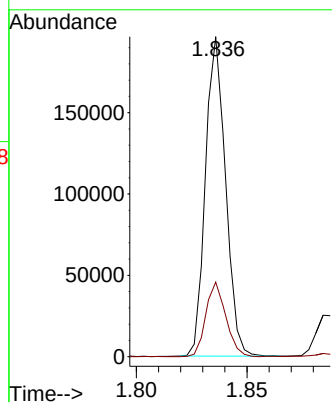
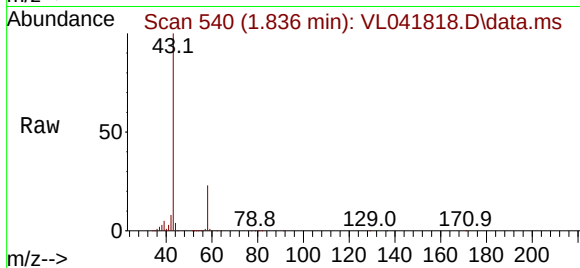
ClientSampleId :

Tgt Ion: 43 Resp: 123691

Ion Ratio Lower Upper

43 100

58 23.3 19.7 29.5



#16

1,3-Butadiene

Concen: 9.168 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL041818.D

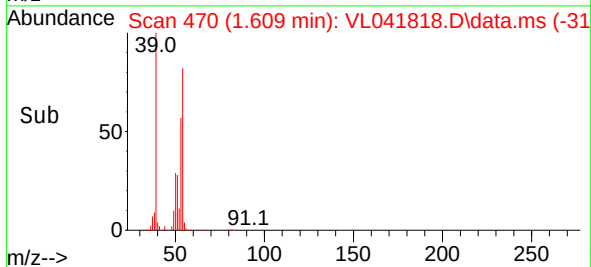
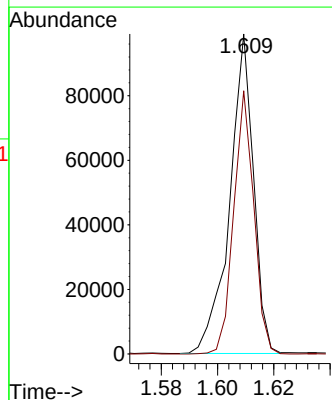
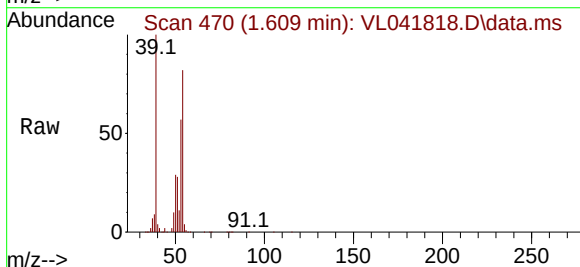
Acq: 19 Dec 2024 13:16

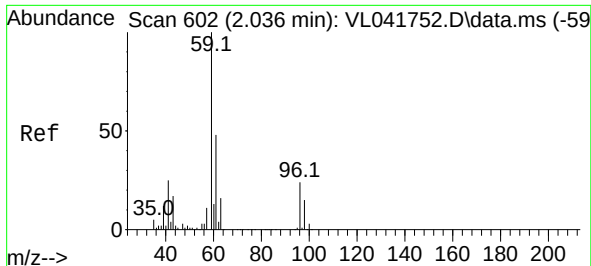
Tgt Ion: 39 Resp: 58138

Ion Ratio Lower Upper

39 100

54 69.7 58.4 87.6





#17

tert-Butyl alcohol

Concen: 8.786 ppbv

RT: 2.040 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

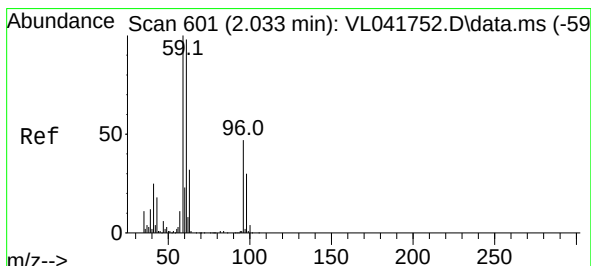
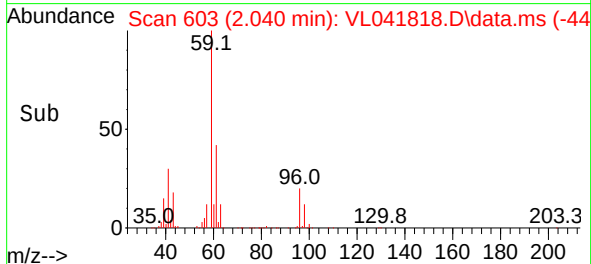
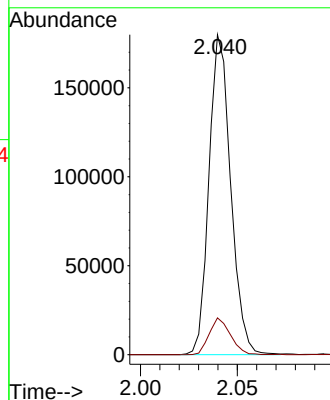
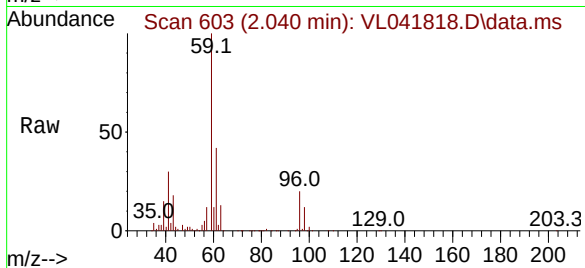
ClientSampleId :

Tgt Ion: 59 Resp: 140369

Ion Ratio Lower Upper

59 100

57 11.2 8.6 13.0



#18

1,1-Dichloroethene

Concen: 8.483 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

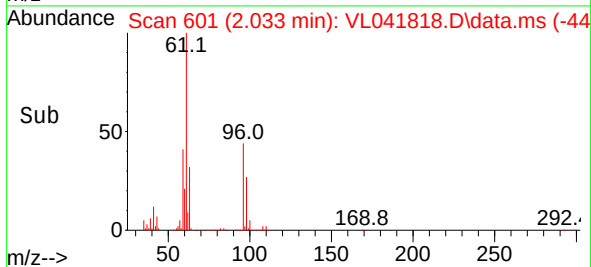
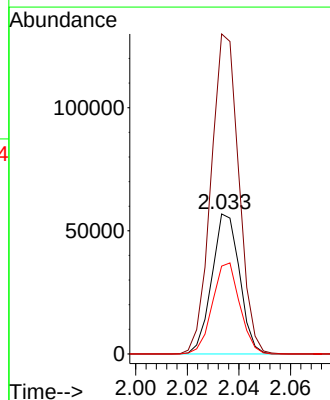
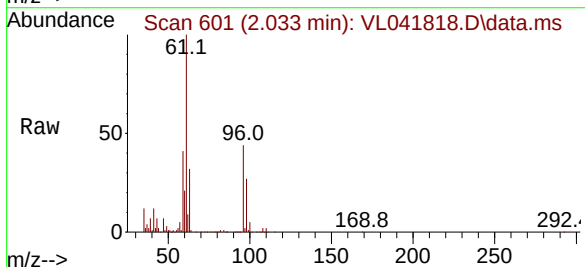
Tgt Ion: 96 Resp: 42316

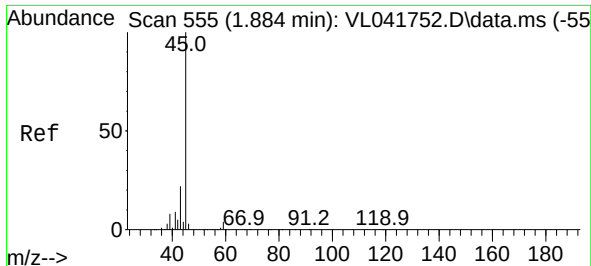
Ion Ratio Lower Upper

96 100

61 228.5 167.7 251.5

98 62.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 7.243 ppbv

RT: 1.888 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

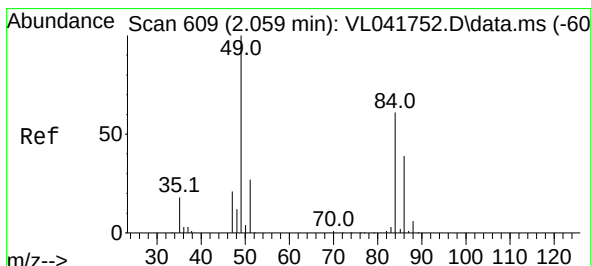
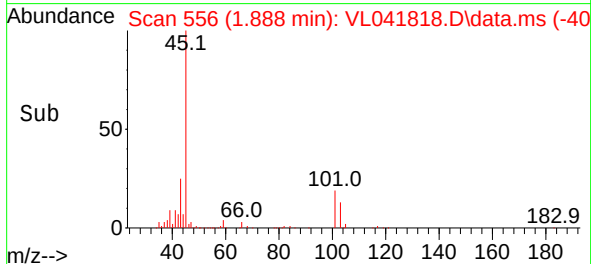
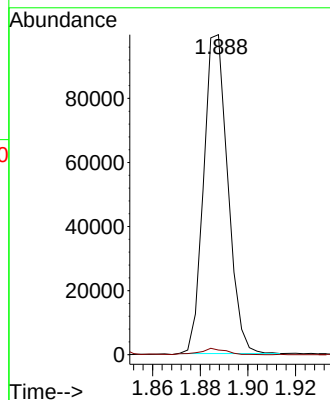
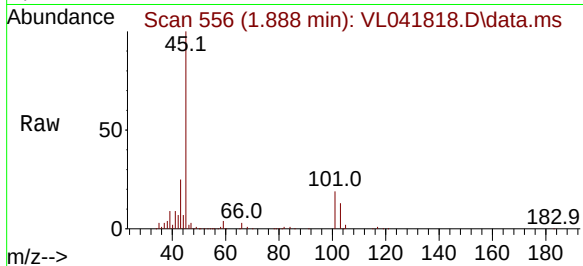
ClientSampleId :

Tgt Ion: 45 Resp: 69994

Ion Ratio Lower Upper

45 100

58 2.2 33.3 49.9#



#20

Methylene Chloride

Concen: 8.396 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion: 84 Resp: 38558

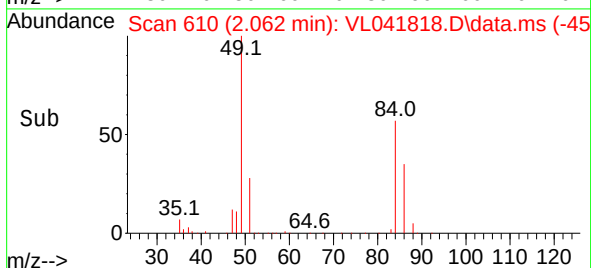
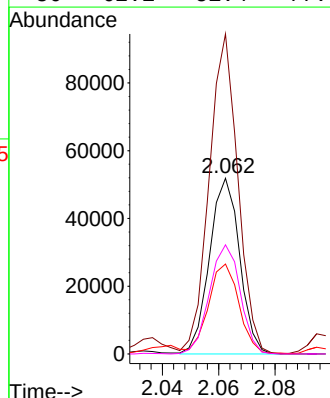
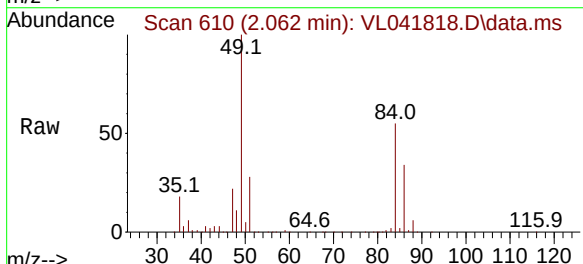
Ion Ratio Lower Upper

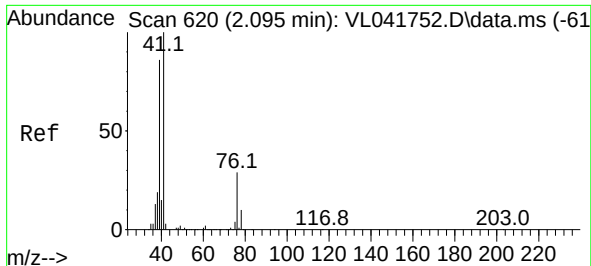
84 100

49 182.0 132.6 198.8

51 50.6 37.6 56.4

86 62.1 51.4 77.0

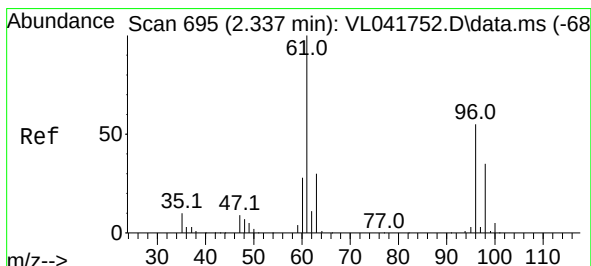
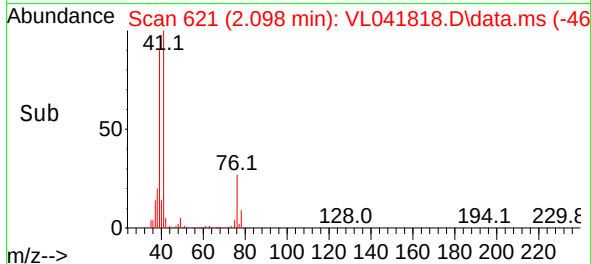
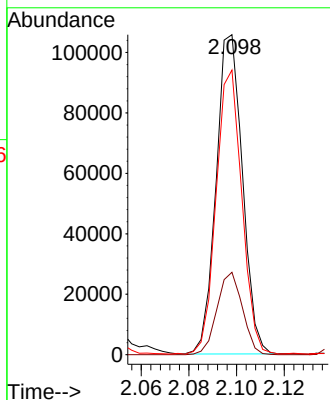
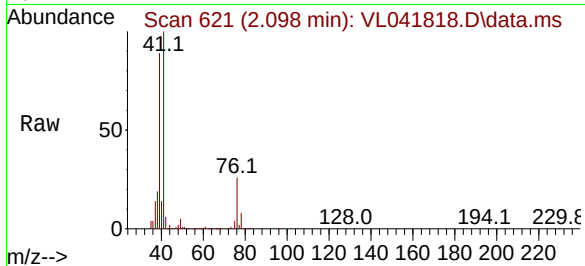




#21
 Allyl Chloride
 Concen: 9.289 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

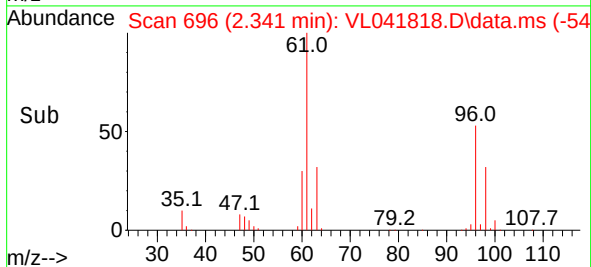
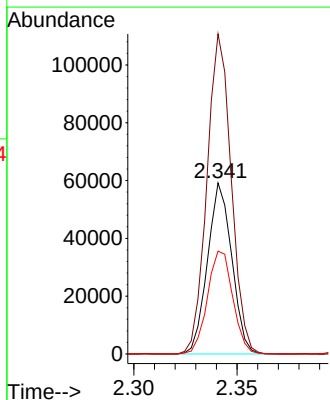
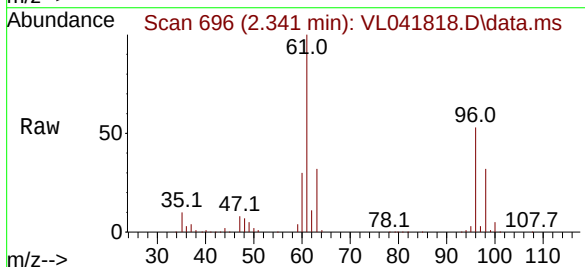
Instrument :
 MSVOA_L
 ClientSampleId :

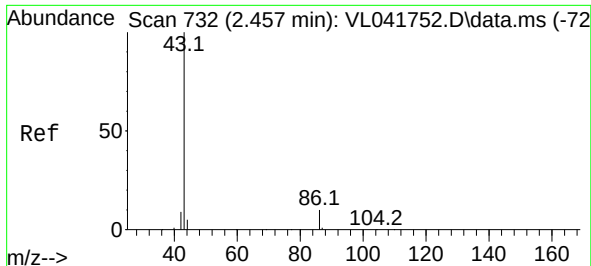
Tgt Ion: 41 Resp: 81129
 Ion Ratio Lower Upper
 41 100
 76 24.8 22.3 33.5
 39 87.0 69.2 103.8



#22
 trans-1,2-Dichloroethene
 Concen: 8.468 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

Tgt Ion: 96 Resp: 48350
 Ion Ratio Lower Upper
 96 100
 61 187.1 146.3 219.5
 98 60.1 50.8 76.2

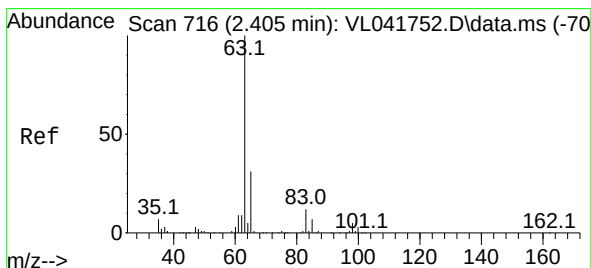
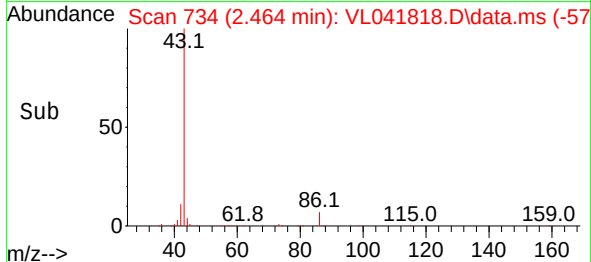
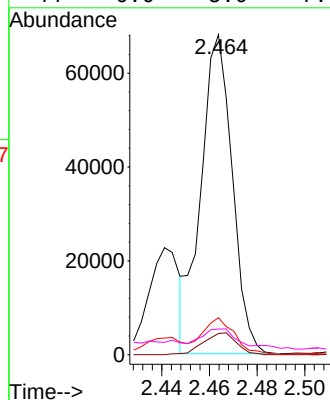
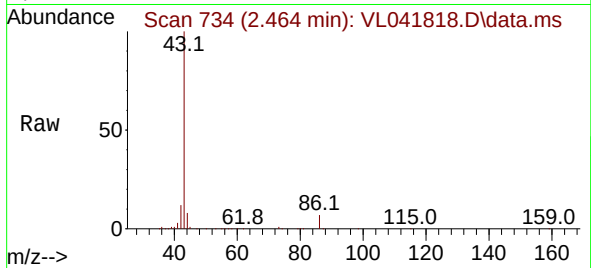




#23
 Vinyl Acetate
 Concen: 8.314 ppbv
 RT: 2.464 min Scan# 717
 Delta R.T. 0.007 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

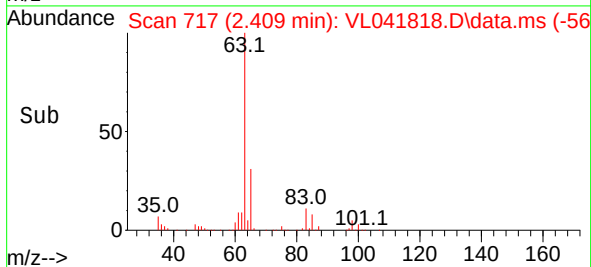
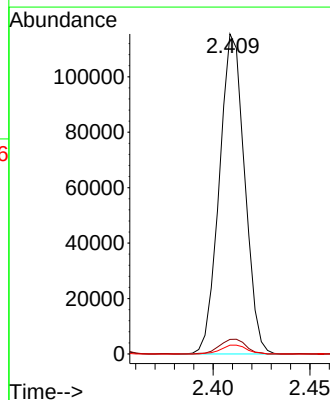
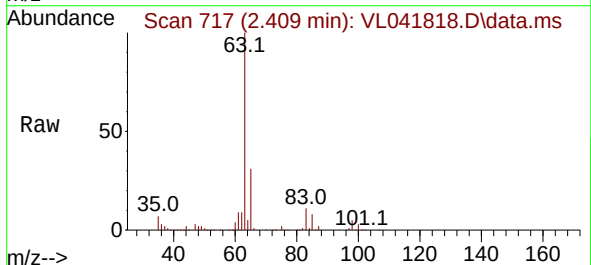
Instrument :
 MSVOA_1
 ClientSampleId :

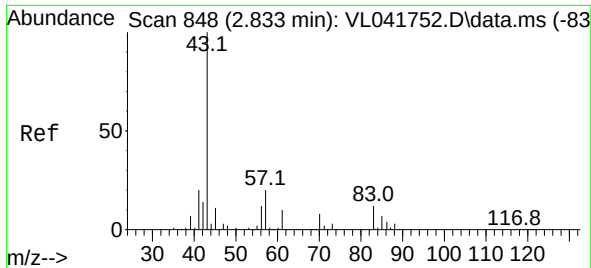
Tgt Ion: 43	Resp: 62170
Ion Ratio	Lower Upper
43	100
86	6.6 6.6 10.0#
42	11.4 8.2 12.2
44	6.0 5.0 7.4



#24
 1,1-Dichloroethane
 Concen: 9.068 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

Tgt Ion: 63	Resp: 104810
Ion Ratio	Lower Upper
63	100
98	4.6 2.3 6.8
100	2.8 1.4 4.2





#25

Ethyl Acetate

Concen: 9.112 ppbv

RT: 2.836 min Scan# 848

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 272982

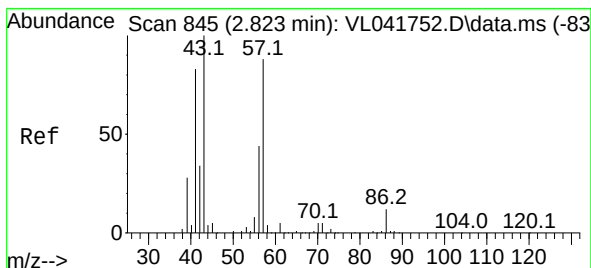
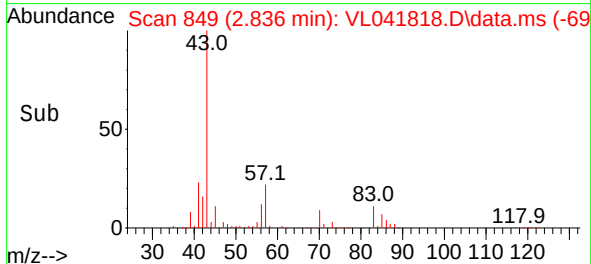
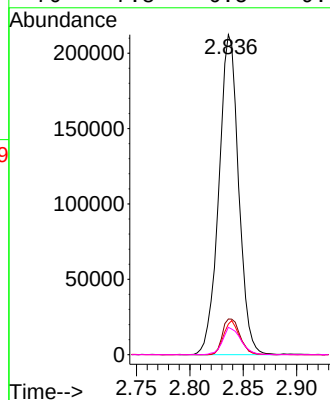
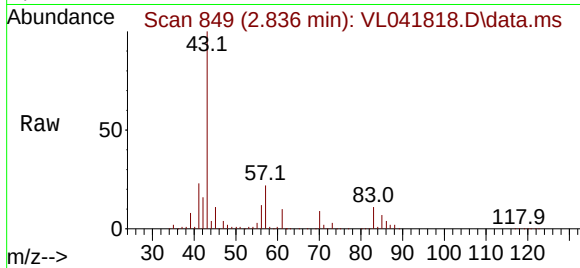
Ion Ratio Lower Upper

43 100

45 10.0 8.1 12.1

61 8.7 7.0 10.6

70 7.8 6.5 9.7



#26

Hexane

Concen: 8.667 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion: 57 Resp: 98534

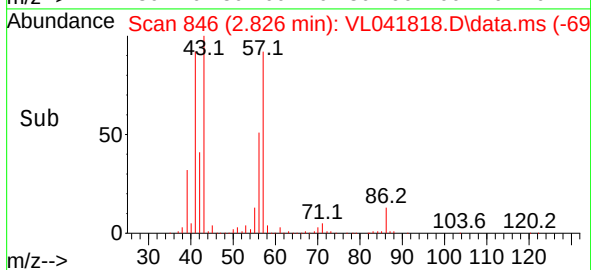
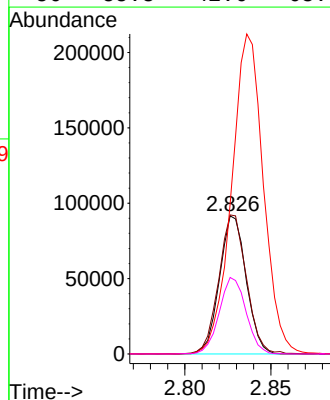
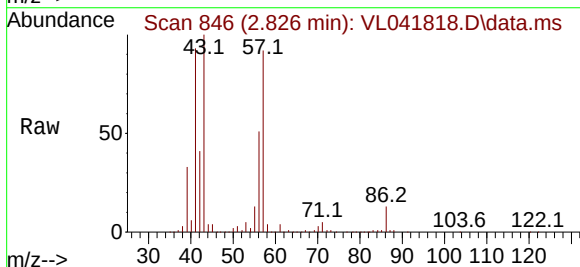
Ion Ratio Lower Upper

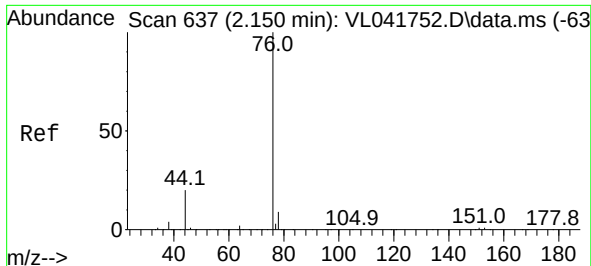
57 100

41 105.1 79.6 119.4

43 277.9 211.0 316.6

56 55.8 42.6 63.8





#27

Carbon Disulfide

Concen: 8.772 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

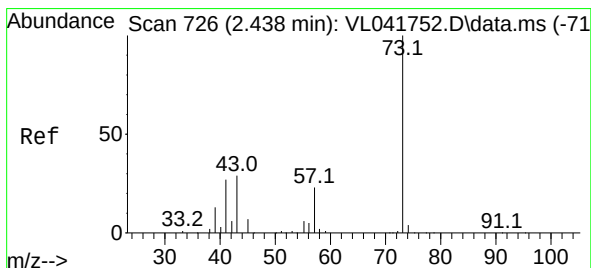
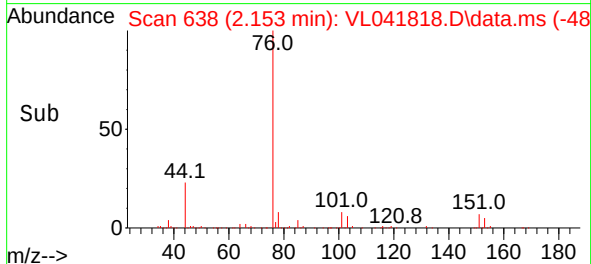
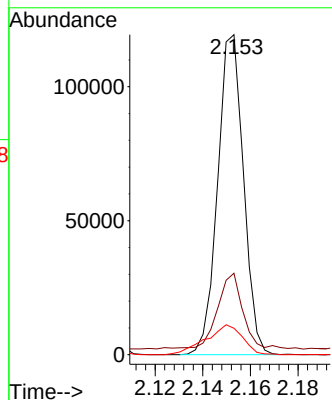
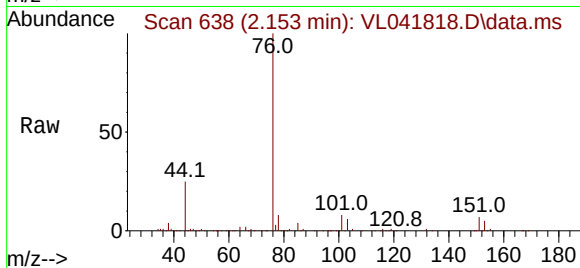
Tgt Ion: 76 Resp: 89868

Ion Ratio Lower Upper

76 100

44 23.1 17.6 26.4

78 13.2 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 7.657 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL041818.D

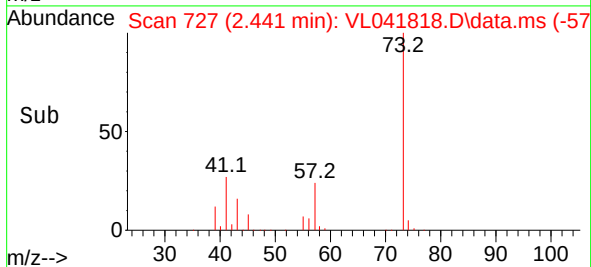
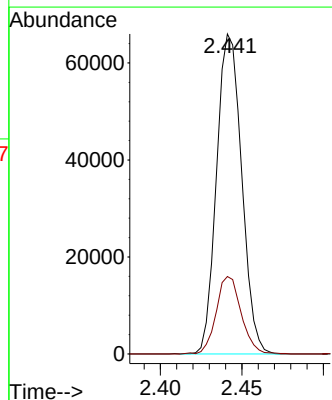
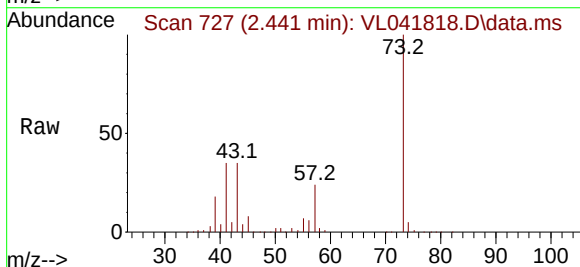
Acq: 19 Dec 2024 13:16

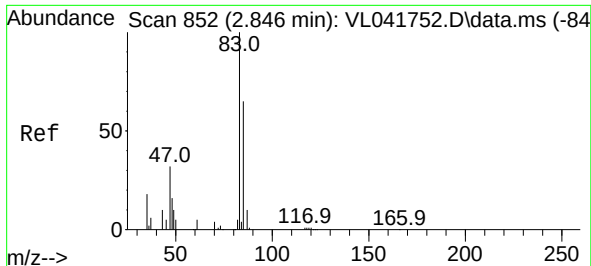
Tgt Ion: 73 Resp: 70625

Ion Ratio Lower Upper

73 100

57 24.1 17.6 26.4





#29

Chloroform

Concen: 9.114 ppbv

RT: 2.849 min Scan# 853

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

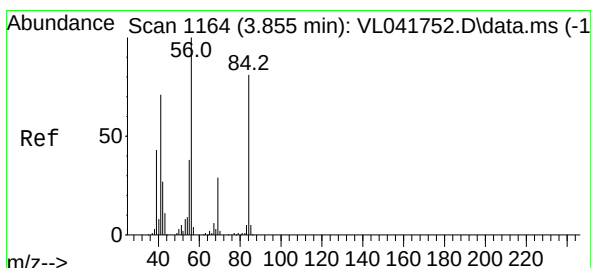
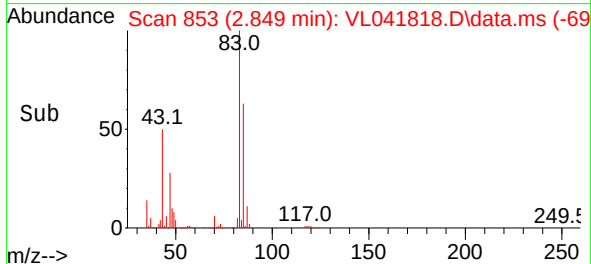
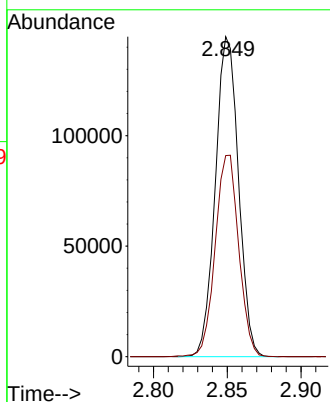
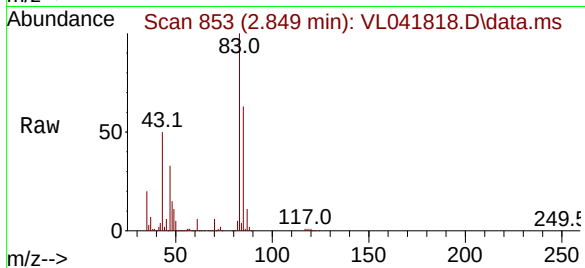
ClientSampleId :

Tgt Ion: 83 Resp: 157908

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6



#30

Cyclohexane

Concen: 8.186 ppbv

RT: 3.859 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

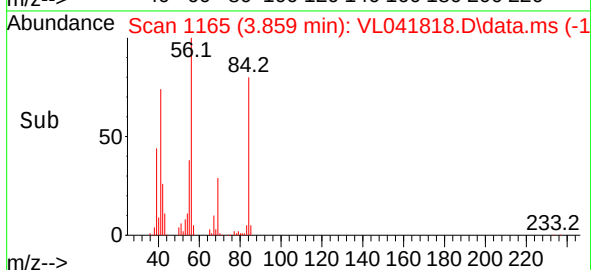
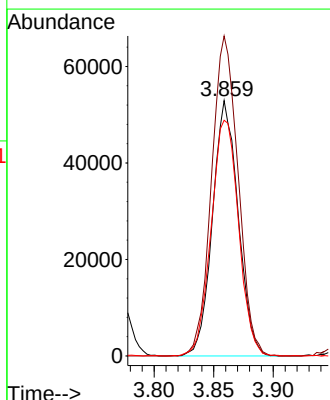
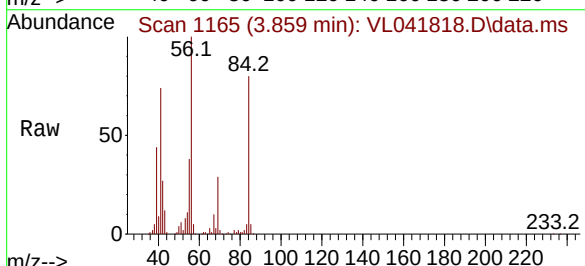
Tgt Ion: 84 Resp: 79194

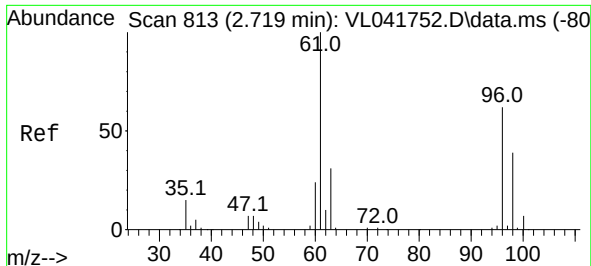
Ion Ratio Lower Upper

84 100

56 129.8 102.3 153.5

41 98.8 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 8.539 ppbv

RT: 2.723 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

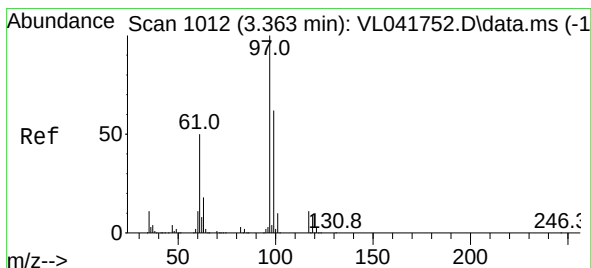
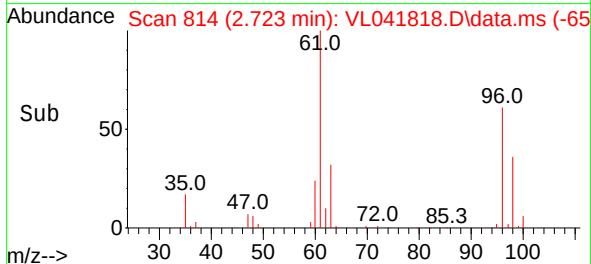
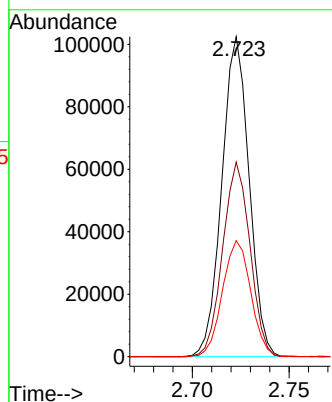
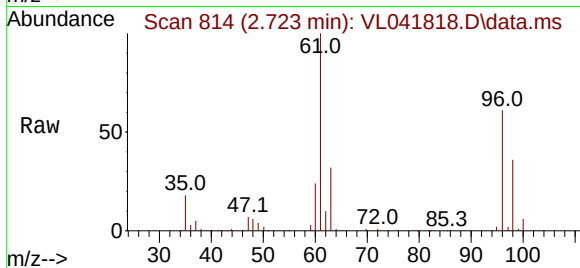
Tgt Ion: 61 Resp: 100323

Ion Ratio Lower Upper

61 100

96 60.8 49.7 74.5

98 36.2 30.8 46.2



#32

1,1,1-Trichloroethane

Concen: 8.624 ppbv

RT: 3.370 min Scan# 1014

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

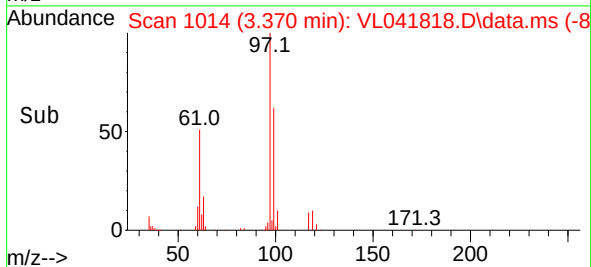
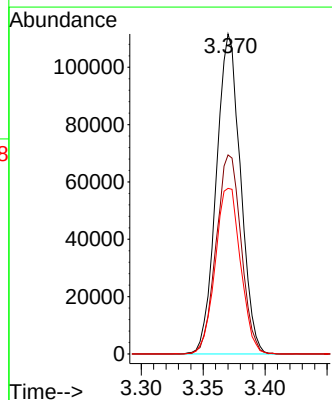
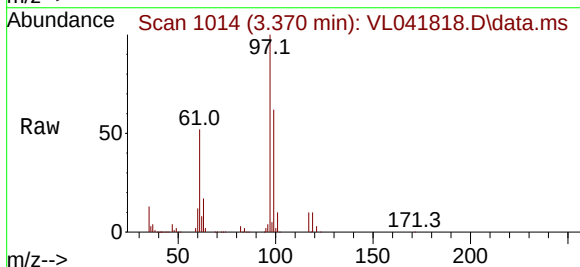
Tgt Ion: 97 Resp: 151902

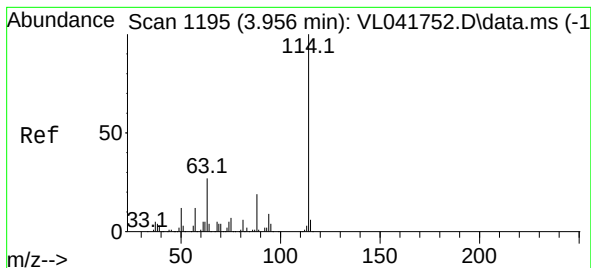
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 54.4 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

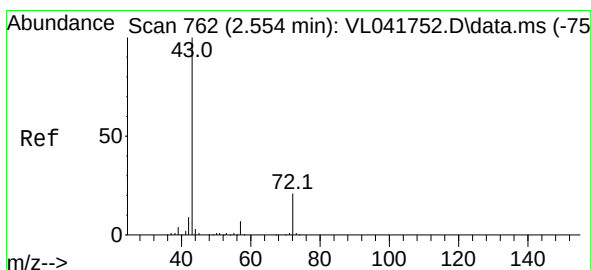
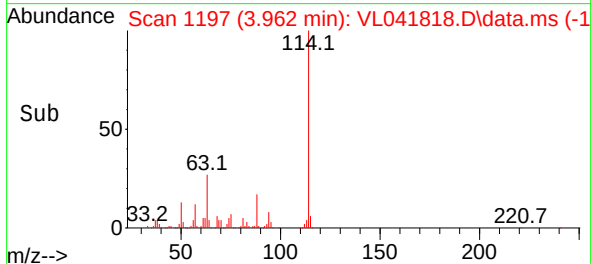
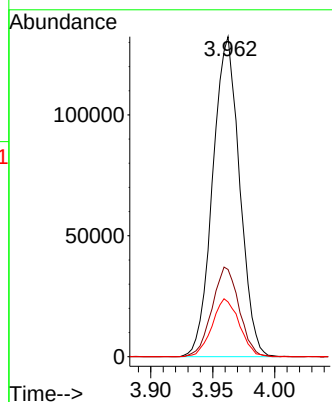
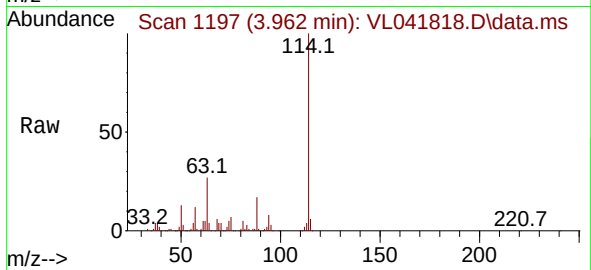
Tgt Ion:114 Resp: 200154

Ion Ratio Lower Upper

114 100

63 28.2 21.8 32.8

88 18.4 14.8 22.2



#34

2-Butanone

Concen: 9.747 ppbv

RT: 2.558 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL041818.D

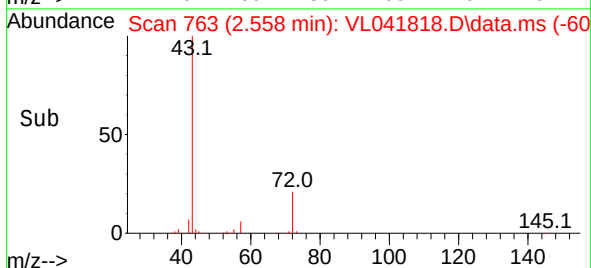
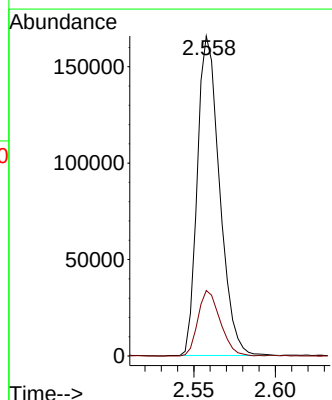
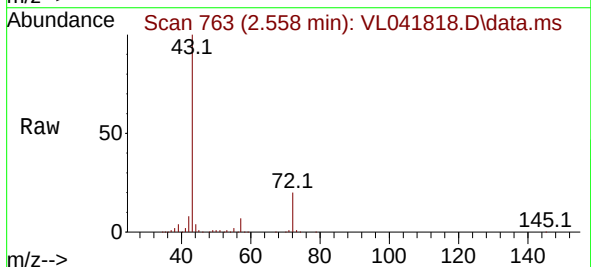
Acq: 19 Dec 2024 13:16

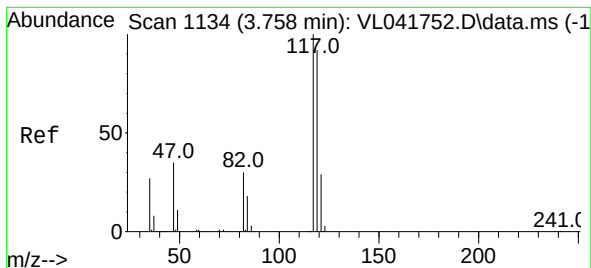
Tgt Ion: 43 Resp: 156952

Ion Ratio Lower Upper

43 100

72 20.6 16.8 25.2





#35

Carbon Tetrachloride

Concen: 10.755 ppbv

RT: 3.765 min Scan# 1136

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

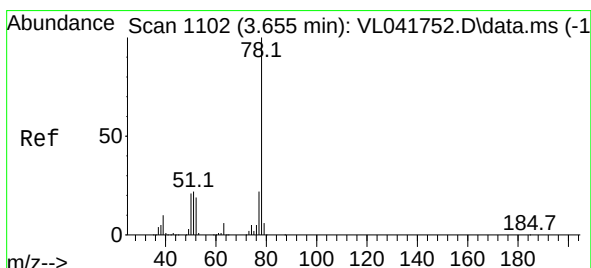
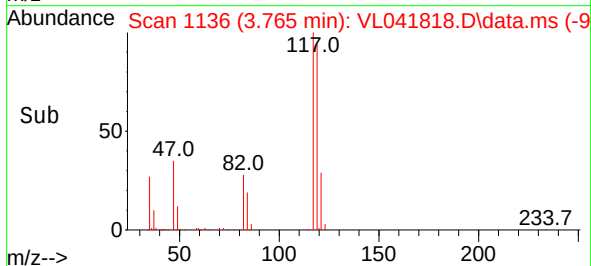
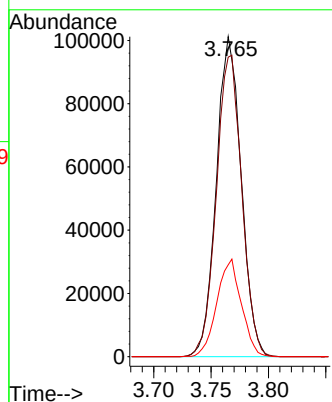
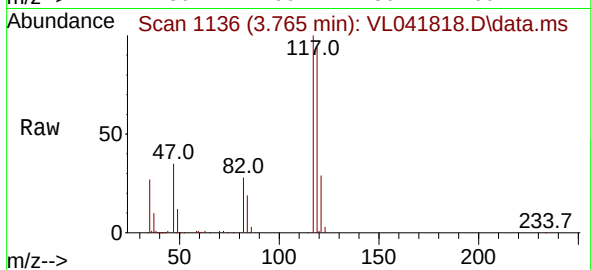
Tgt Ion:117 Resp: 152814

Ion Ratio Lower Upper

117 100

119 93.6 73.7 110.5

121 28.7 23.0 34.4



#36

Benzene

Concen: 9.483 ppbv

RT: 3.658 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

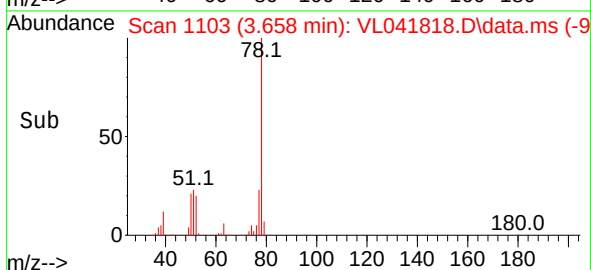
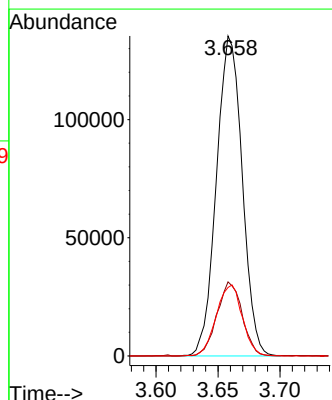
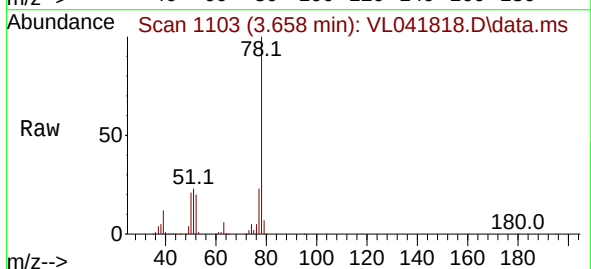
Tgt Ion: 78 Resp: 196330

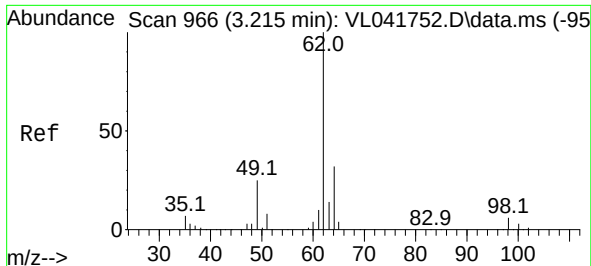
Ion Ratio Lower Upper

78 100

77 23.1 17.8 26.6

50 21.4 17.2 25.8





#37

1,2-Dichloroethane

Concen: 10.019 ppbv

RT: 3.221 min Scan# 9

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

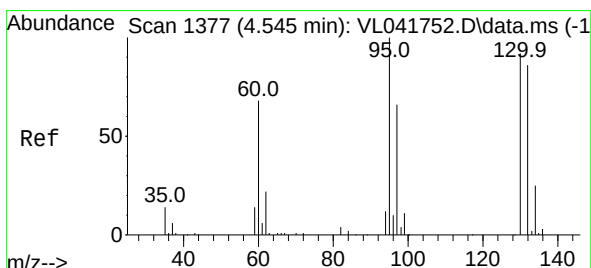
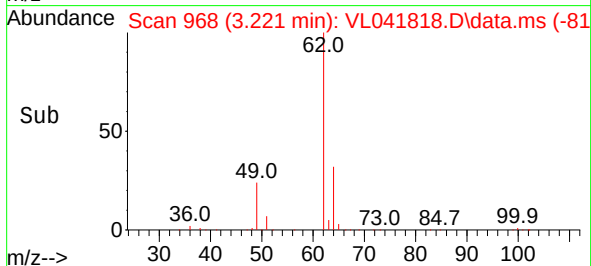
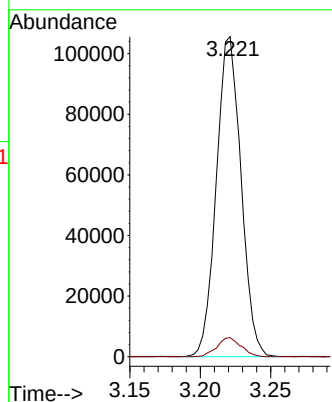
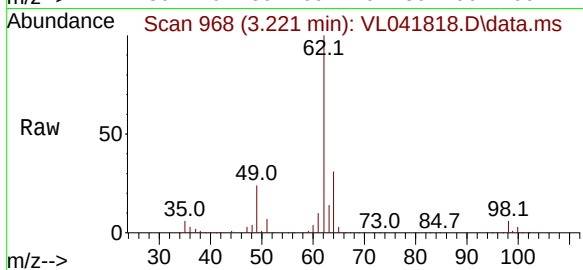
ClientSampleId :

Tgt Ion: 62 Resp: 129068

Ion Ratio Lower Upper

62 100

98 5.8 4.7 7.1



#38

Trichloroethene

Concen: 8.471 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion:130 Resp: 74447

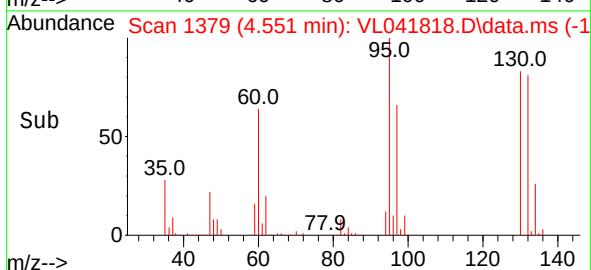
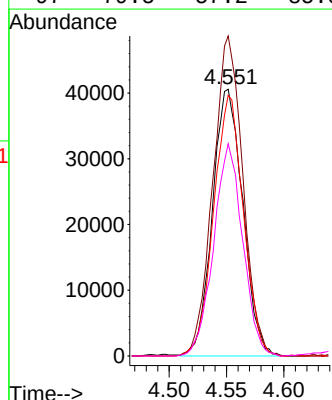
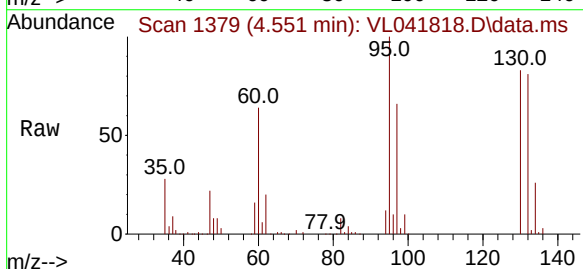
Ion Ratio Lower Upper

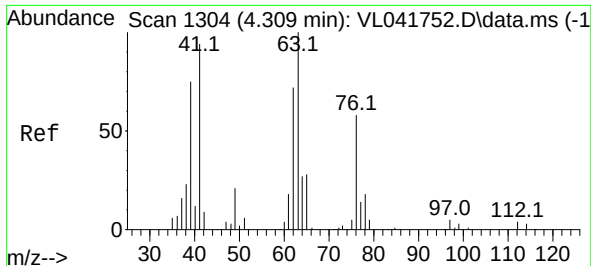
130 100

95 119.7 87.0 130.6

132 97.7 75.0 112.6

97 79.5 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.575 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. 0.010 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

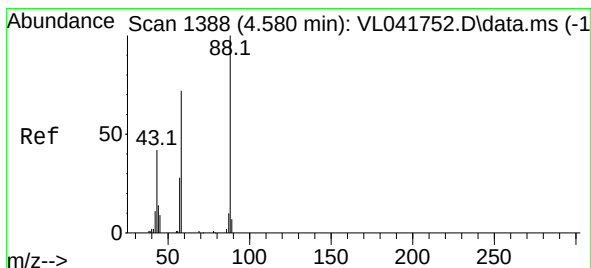
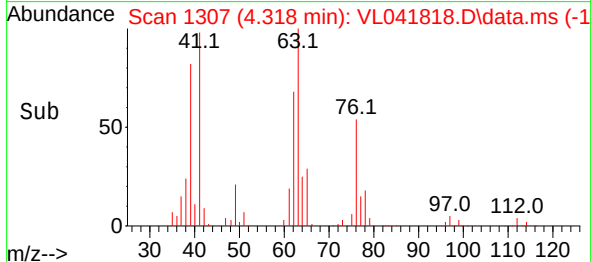
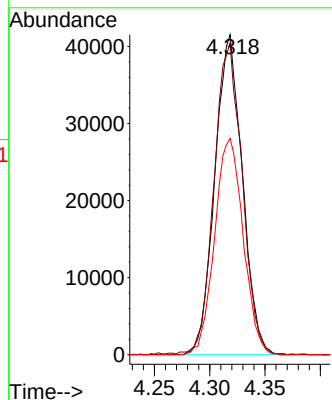
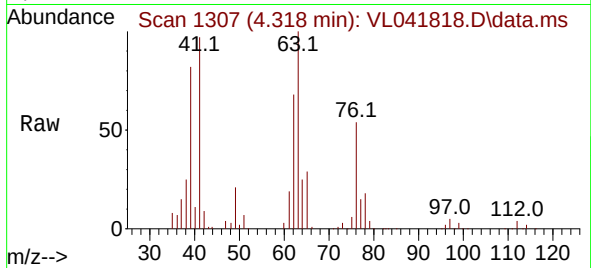
Tgt Ion: 63 Resp: 71700

Ion Ratio Lower Upper

63 100

41 97.1 75.3 112.9

62 67.6 57.3 85.9



#40

1,4-Dioxane

Concen: 9.154 ppbv

RT: 4.584 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion: 88 Resp: 33486

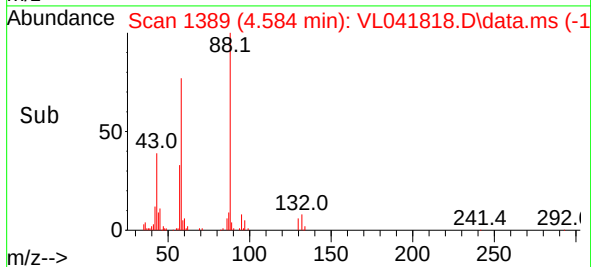
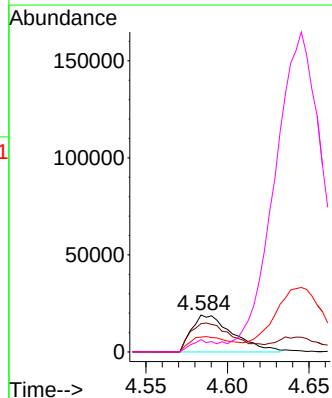
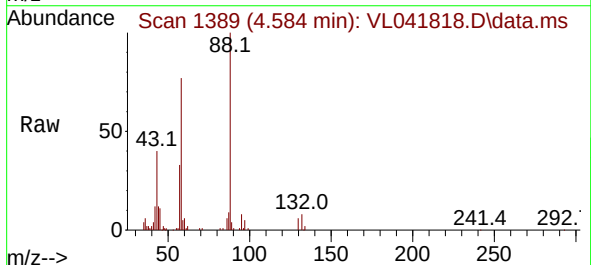
Ion Ratio Lower Upper

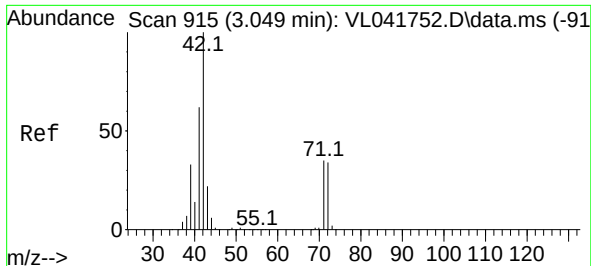
88 100

58 84.0 61.0 91.6

43 37.6 29.4 44.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.461 ppbv

RT: 3.056 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

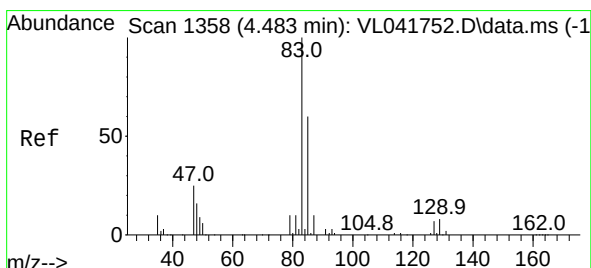
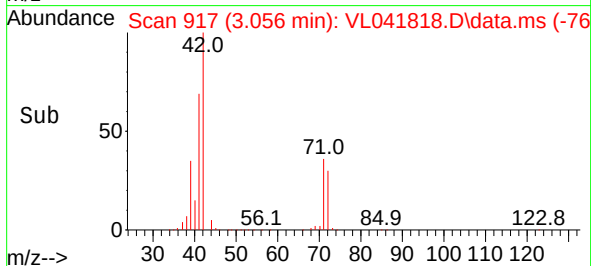
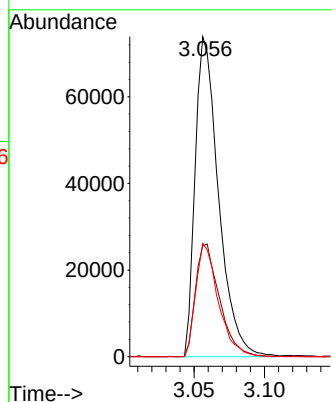
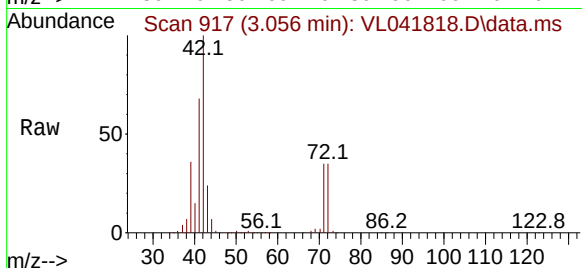
Tgt Ion: 42 Resp: 85350

Ion Ratio Lower Upper

42 100

72 36.2 29.1 43.7

71 34.1 28.4 42.6



#42

Bromodichloromethane

Concen: 10.288 ppbv

RT: 4.493 min Scan# 1361

Delta R.T. 0.010 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

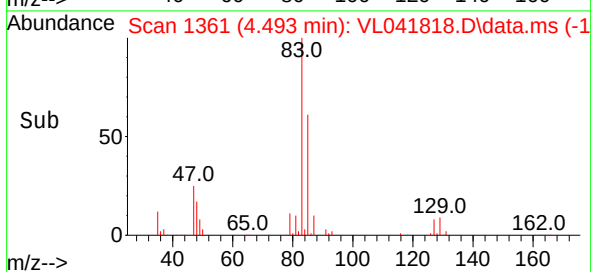
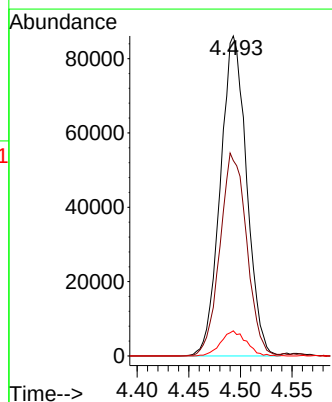
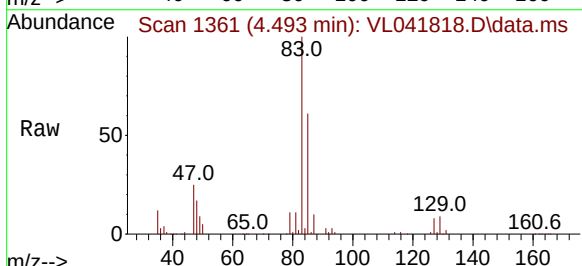
Tgt Ion: 83 Resp: 152475

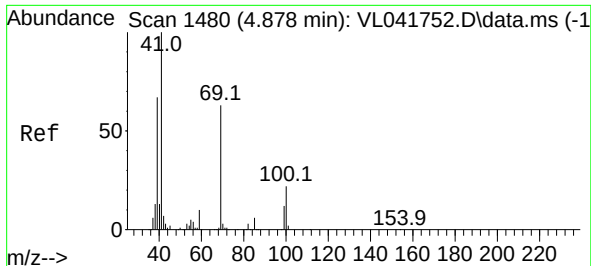
Ion Ratio Lower Upper

83 100

85 61.0 48.0 72.0

127 7.8 5.8 8.8





#43

Methyl Methacrylate

Concen: 9.187 ppbv

RT: 4.888 min Scan# 1483

Delta R.T. 0.010 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

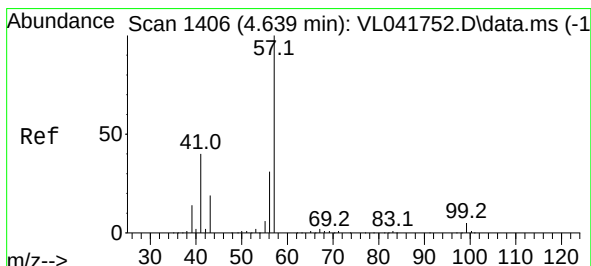
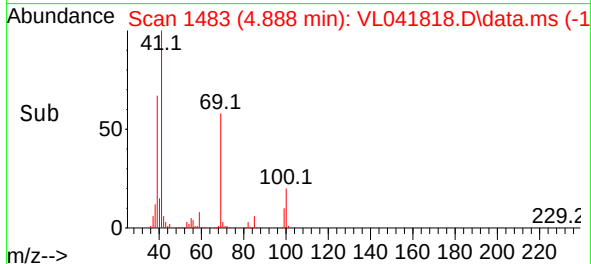
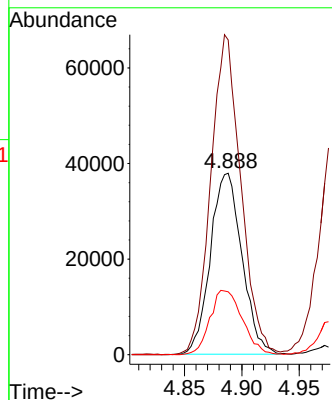
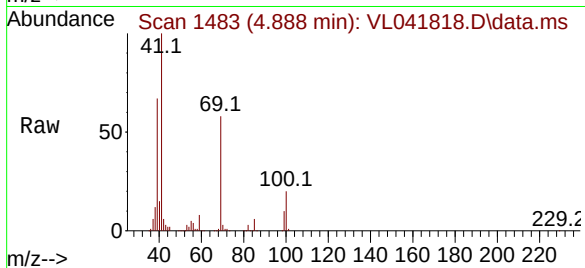
Tgt Ion: 69 Resp: 72474

Ion Ratio Lower Upper

69 100

41 168.3 130.3 195.5

100 36.4 28.3 42.5



#44

2,2,4-Trimethylpentane

Concen: 9.695 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

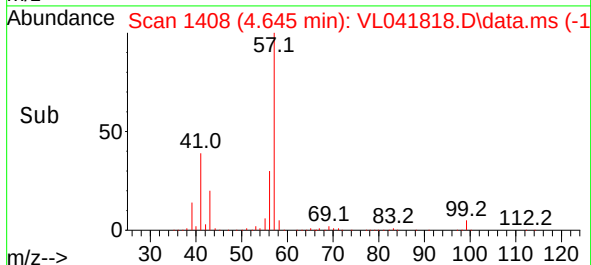
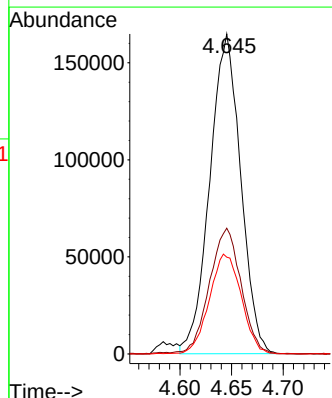
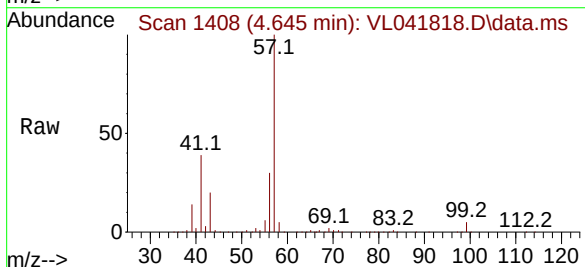
Tgt Ion: 57 Resp: 342795

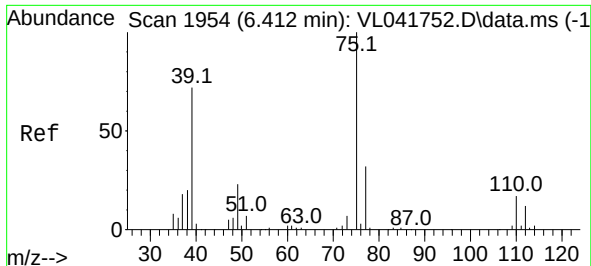
Ion Ratio Lower Upper

57 100

41 40.8 30.7 46.1

56 32.5 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 3.523 ppbv

RT: 6.425 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

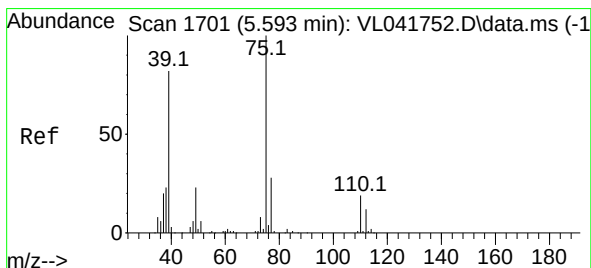
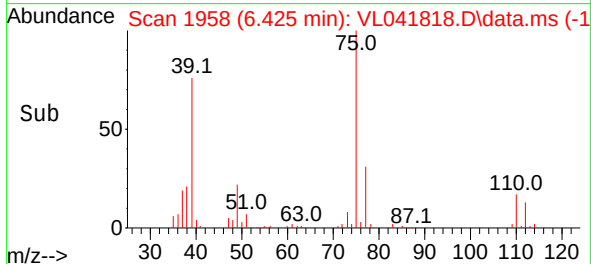
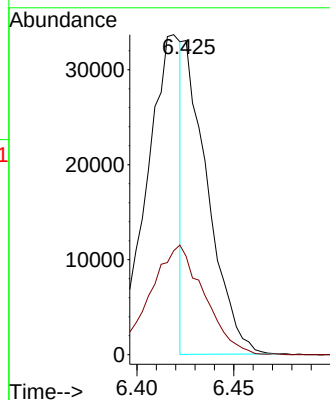
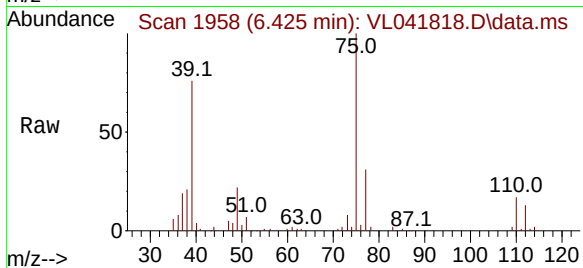
ClientSampleId :

Tgt Ion: 75 Resp: 28750

Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 8.913 ppbv

RT: 5.607 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

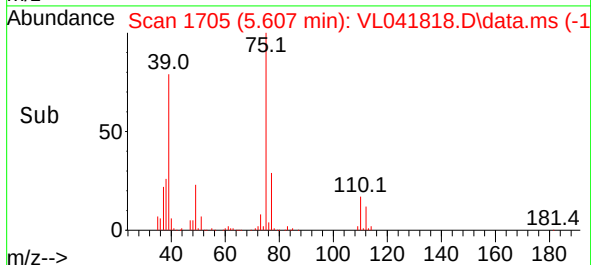
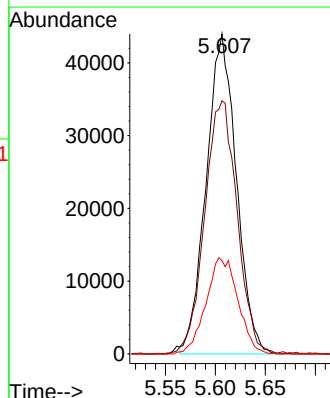
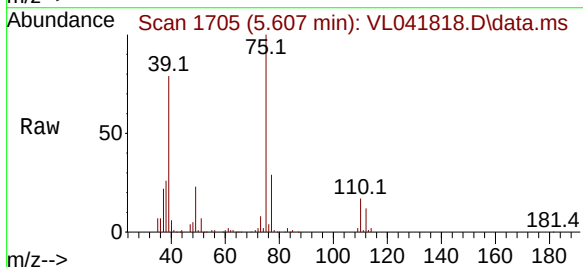
Tgt Ion: 75 Resp: 92324

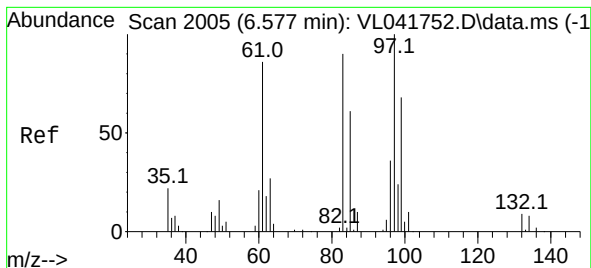
Ion Ratio Lower Upper

75 100

39 78.6 65.2 97.8

77 29.2 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 9.525 ppbv

RT: 6.587 min Scan# 20

Delta R.T. 0.010 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 74497

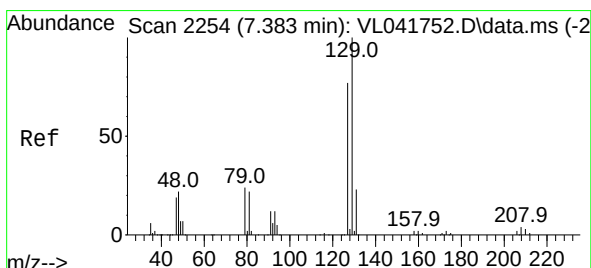
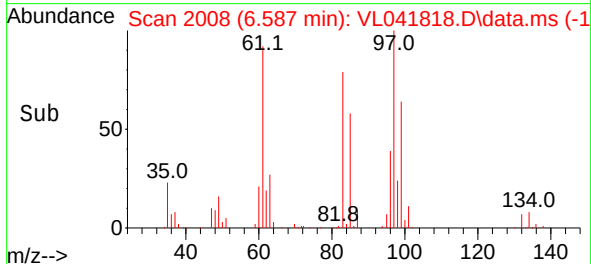
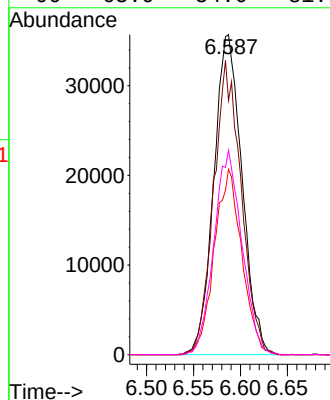
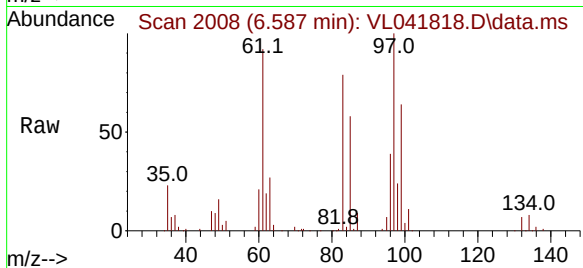
Ion Ratio Lower Upper

97 100

83 79.5 72.3 108.5

85 57.9 48.5 72.7

99 63.9 54.0 81.0



#48

Dibromochloromethane

Concen: 10.219 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. 0.010 min

Lab File: VL041818.D

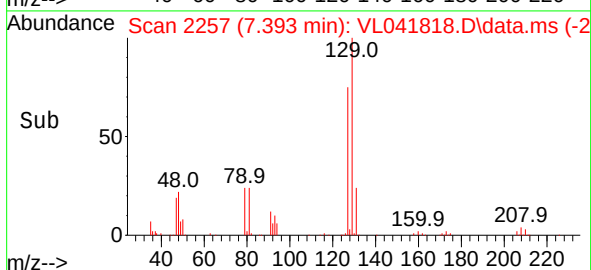
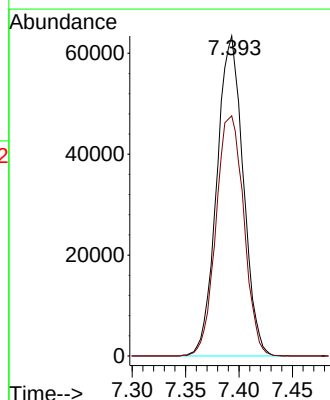
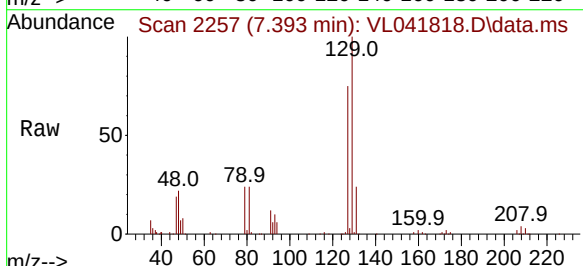
Acq: 19 Dec 2024 13:16

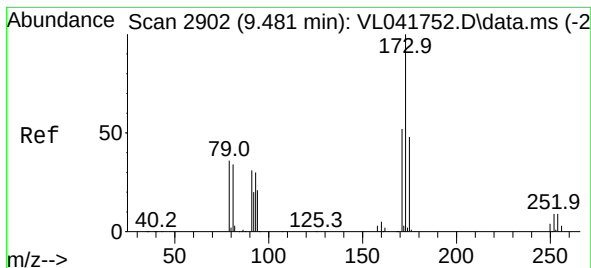
Tgt Ion: 129 Resp: 109136

Ion Ratio Lower Upper

129 100

127 79.1 38.8 116.3





#49

Bromoform

Concen: 10.270 ppbv

RT: 9.487 min Scan# 2902

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

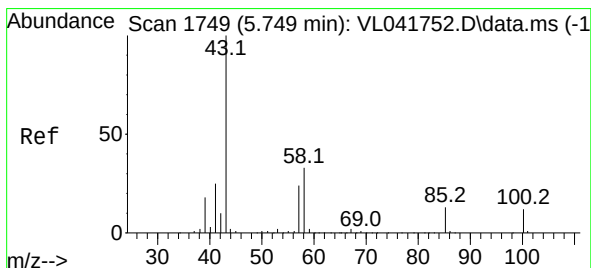
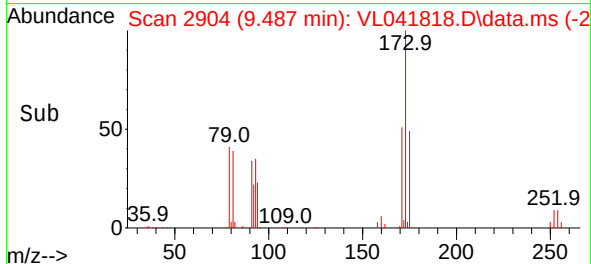
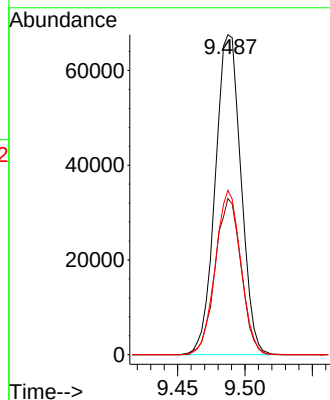
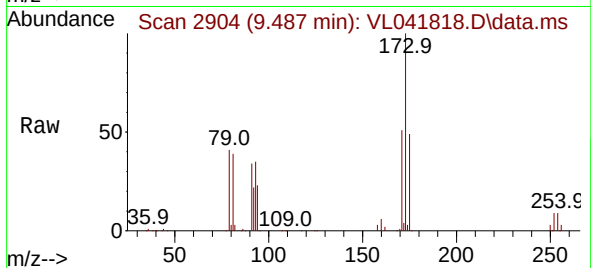
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173 Resp: 89782

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.2	57.2
171	51.0	41.1	61.7



#50

4-Methyl-2-Pentanone

Concen: 9.742 ppbv

RT: 5.762 min Scan# 1753

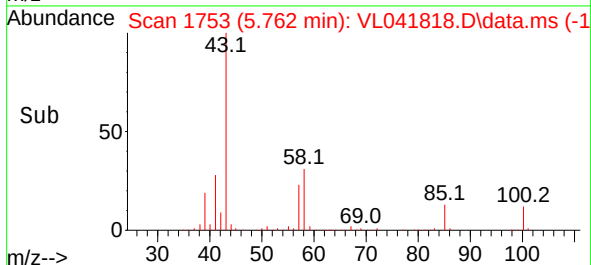
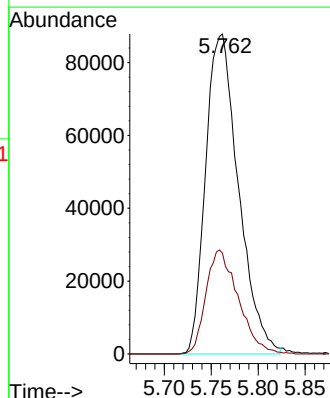
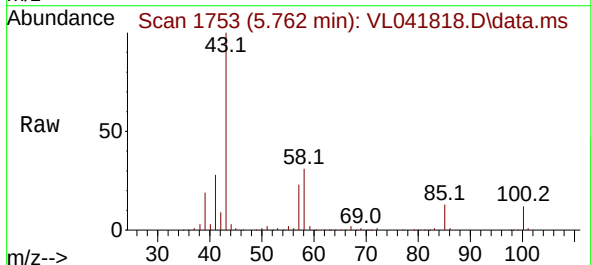
Delta R.T. 0.013 min

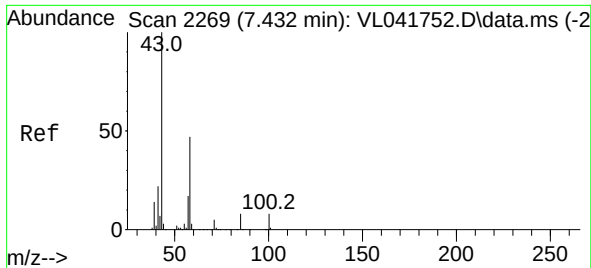
Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion: 43 Resp: 213582

Ion	Ratio	Lower	Upper
43	100		
58	32.0	26.8	40.2

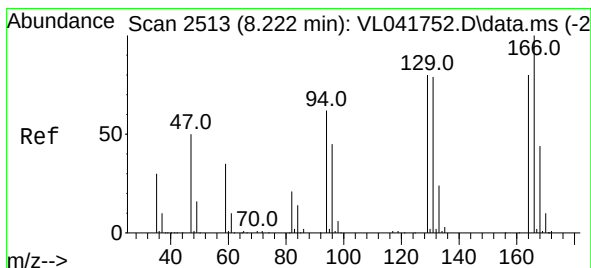
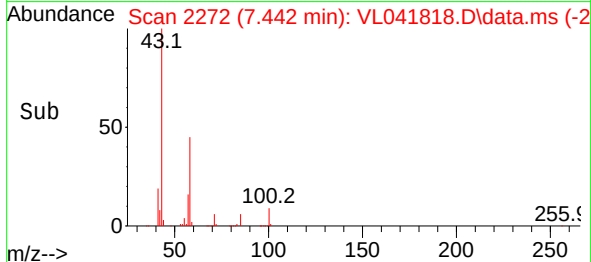
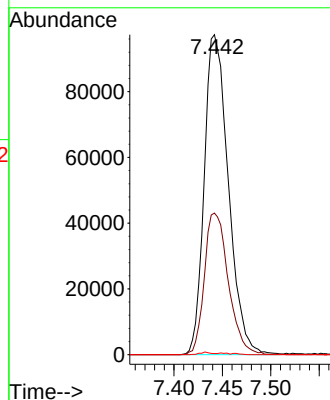
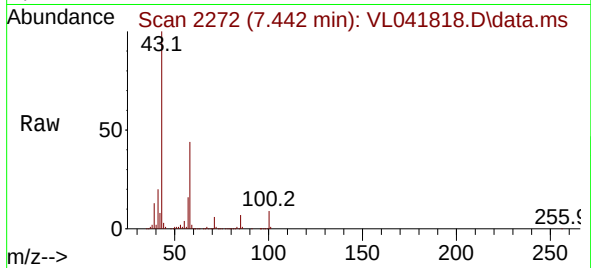




#51
2-Hexanone
Concen: 9.491 ppbv
RT: 7.442 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

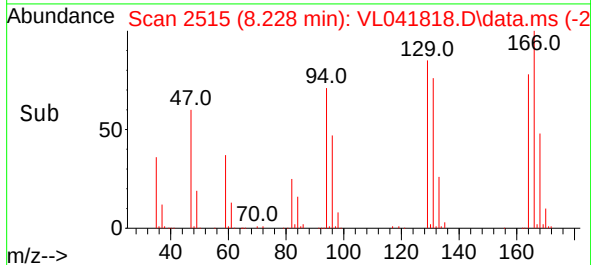
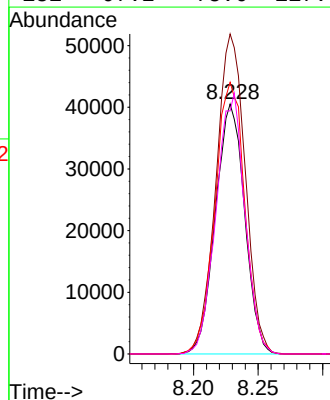
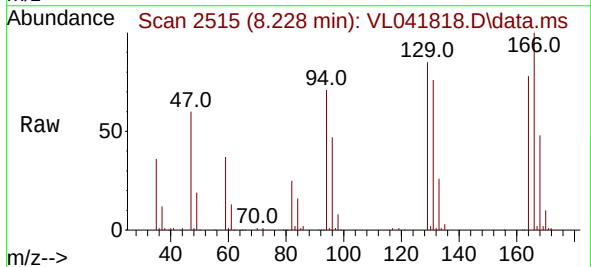
Instrument :
MSVOA_L
ClientSampleId :

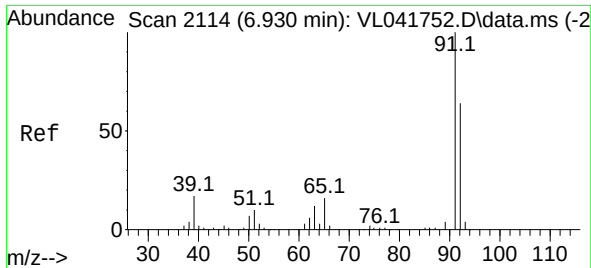
Tgt Ion: 43 Resp: 168674
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0
98 0.7 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.271 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:164 Resp: 63740
Ion Ratio Lower Upper
164 100
166 127.9 99.8 149.6
129 108.7 79.6 119.4
131 97.2 78.6 117.8





#53

Toluene

Concen: 8.838 ppbv

RT: 6.940 min Scan# 2114

Delta R.T. 0.010 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

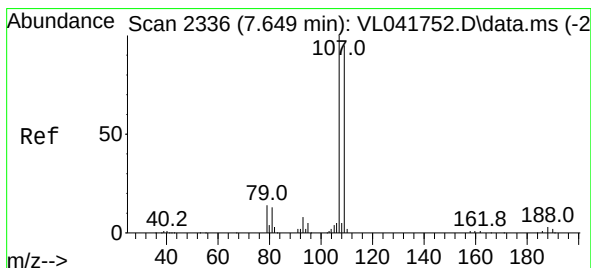
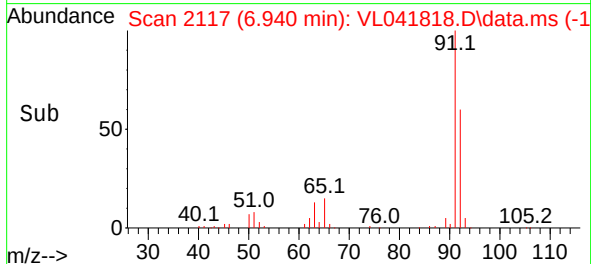
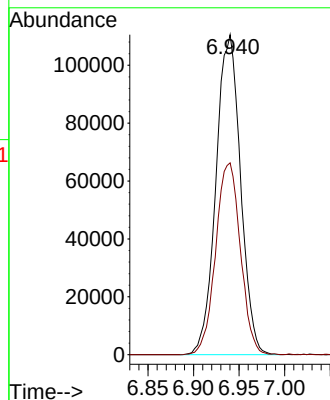
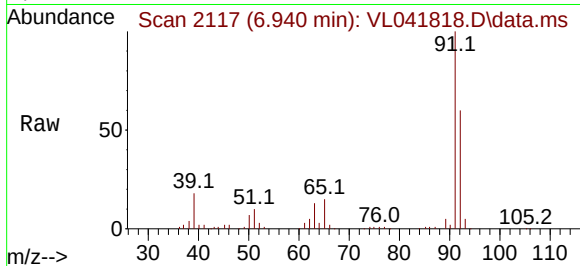
ClientSampleId :

Tgt Ion: 91 Resp: 207460

Ion Ratio Lower Upper

91 100

92 60.3 47.9 71.9



#54

1,2-Dibromoethane

Concen: 9.456 ppbv

RT: 7.655 min Scan# 2338

Delta R.T. 0.007 min

Lab File: VL041818.D

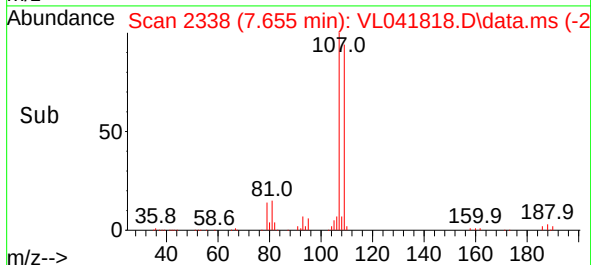
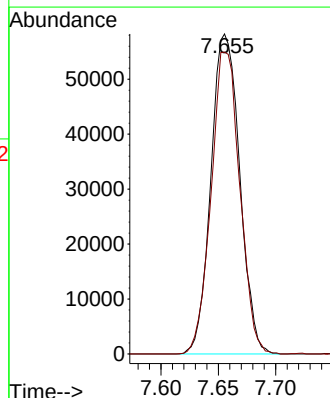
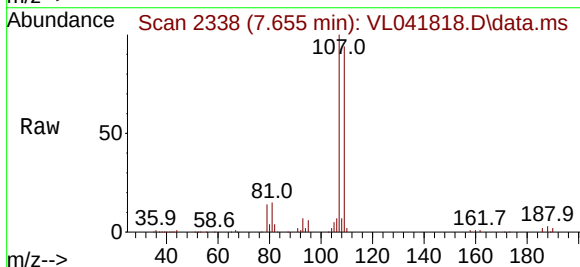
Acq: 19 Dec 2024 13:16

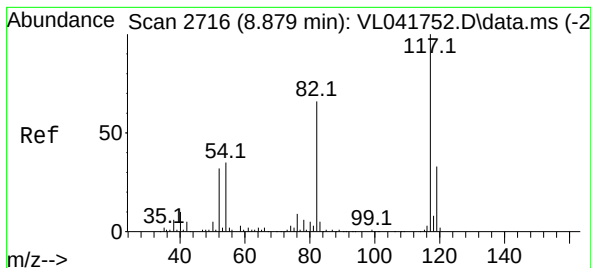
Tgt Ion:107 Resp: 101907

Ion Ratio Lower Upper

107 100

109 94.3 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2716

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

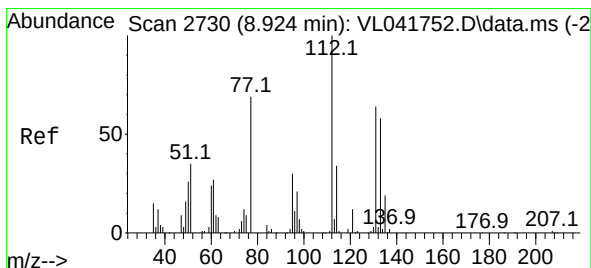
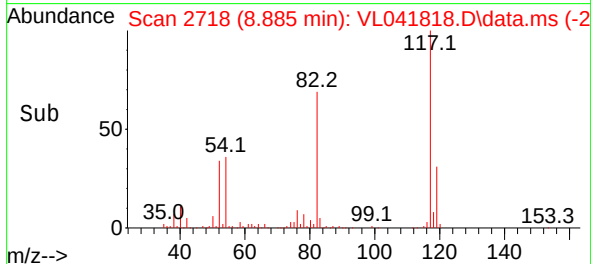
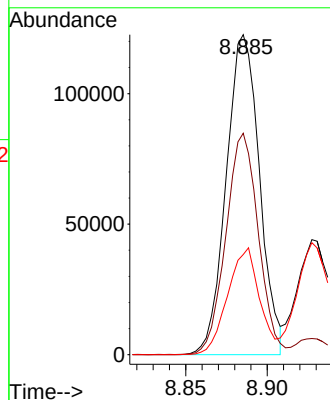
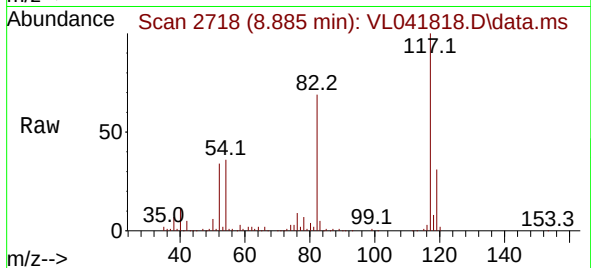
Tgt Ion:117 Resp: 174346

Ion Ratio Lower Upper

117 100

82 72.8 53.8 80.8

119 32.5 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 10.554 ppbv

RT: 8.931 min Scan# 2732

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

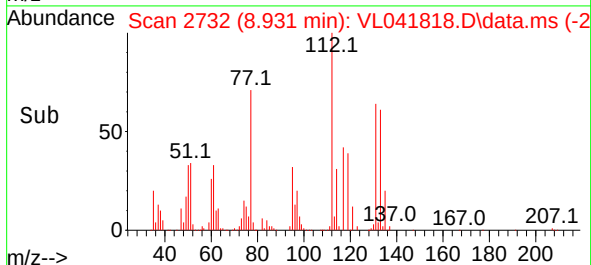
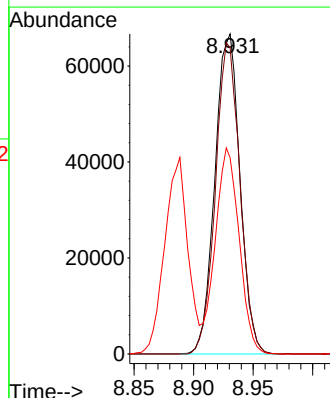
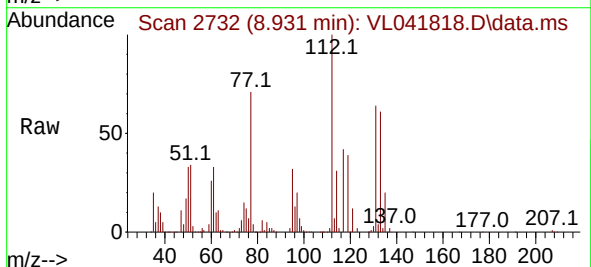
Tgt Ion:131 Resp: 97552

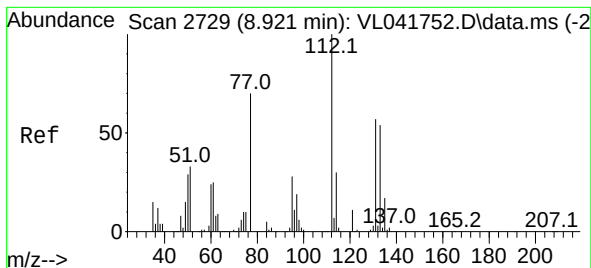
Ion Ratio Lower Upper

131 100

133 94.7 76.8 115.2

119 61.9 49.0 73.6





#57

Chlorobenzene

Concen: 9.672 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

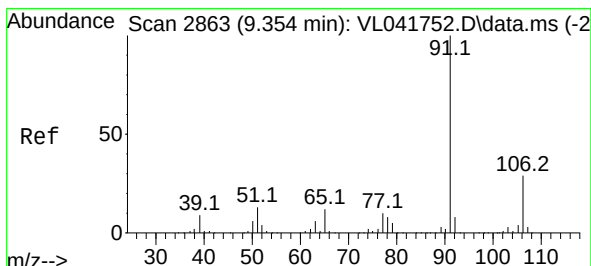
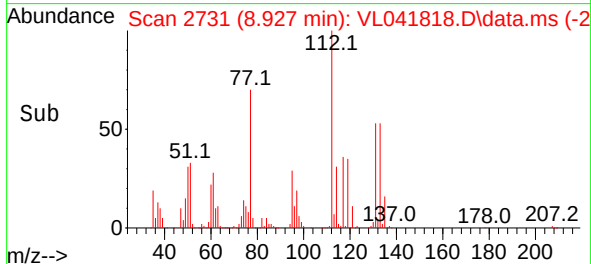
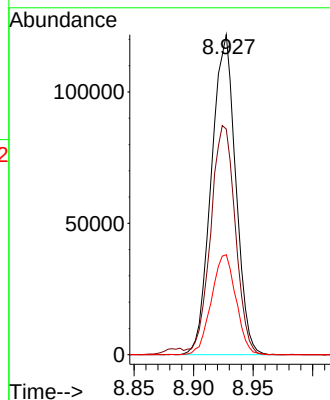
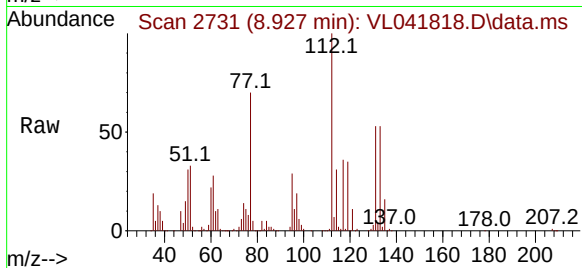
Tgt Ion:112 Resp: 172549

Ion Ratio Lower Upper

112 100

77 70.5 57.4 86.0

114 31.3 27.4 33.4



#58

Ethyl Benzene

Concen: 9.619 ppbv

RT: 9.358 min Scan# 2864

Delta R.T. 0.003 min

Lab File: VL041818.D

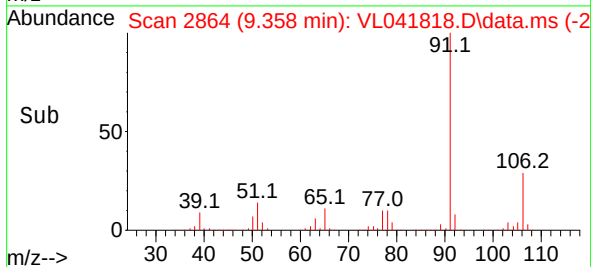
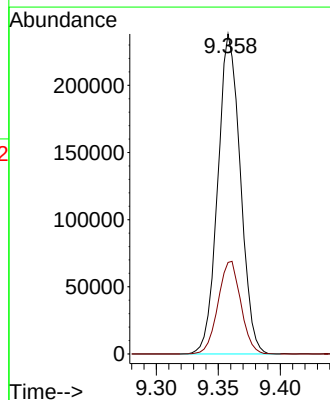
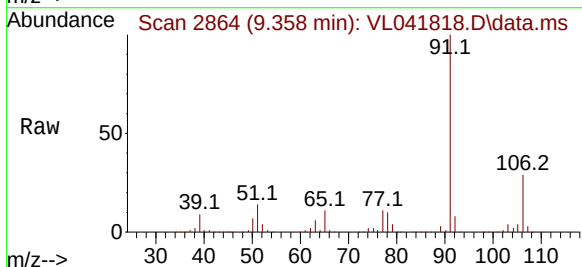
Acq: 19 Dec 2024 13:16

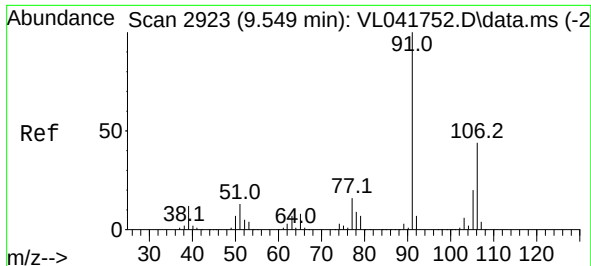
Tgt Ion: 91 Resp: 301914

Ion Ratio Lower Upper

91 100

106 28.6 23.5 35.3





#59

m/p-Xylene

Concen: 9.492 ppbv

RT: 9.552 min Scan# 2924

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

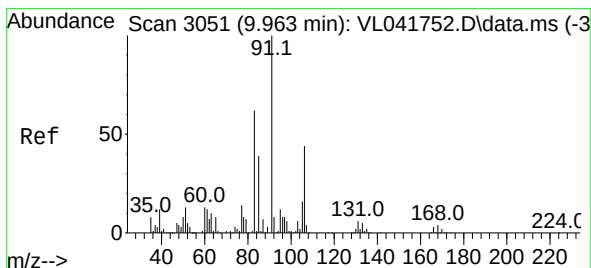
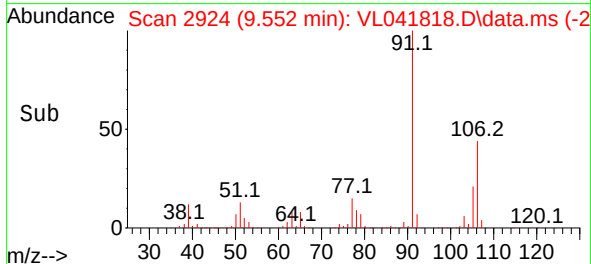
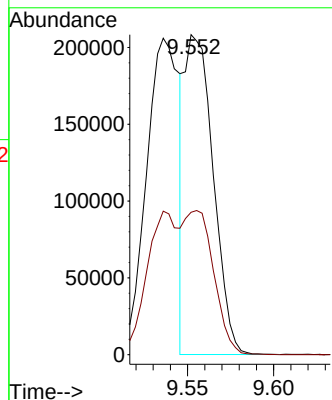
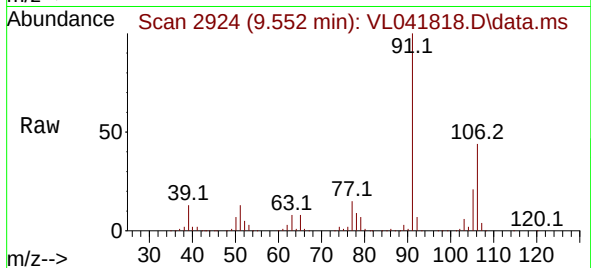
ClientSampleId :

Tgt Ion: 91 Resp: 239560

Ion Ratio Lower Upper

91 100

106 97.3 0.0 0.0#



#60

o-Xylene

Concen: 10.014 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL041818.D

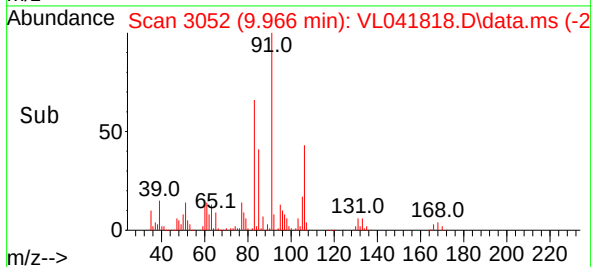
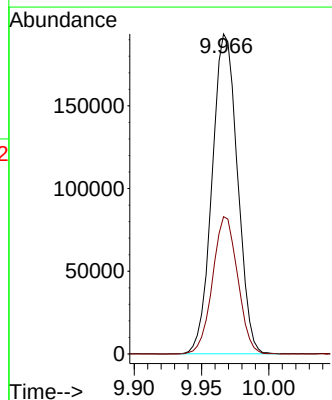
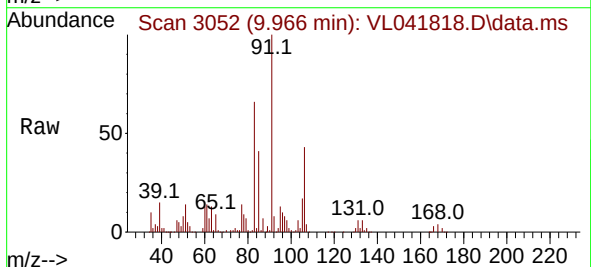
Acq: 19 Dec 2024 13:16

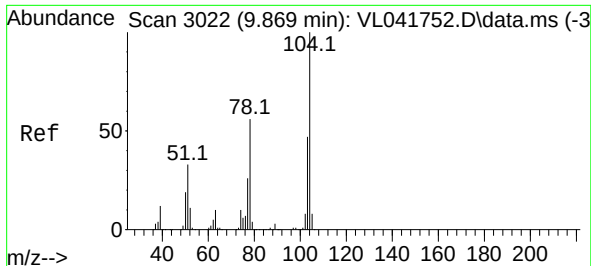
Tgt Ion: 91 Resp: 253450

Ion Ratio Lower Upper

91 100

106 42.5 21.1 63.4

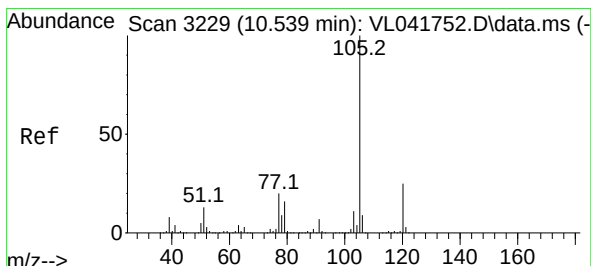
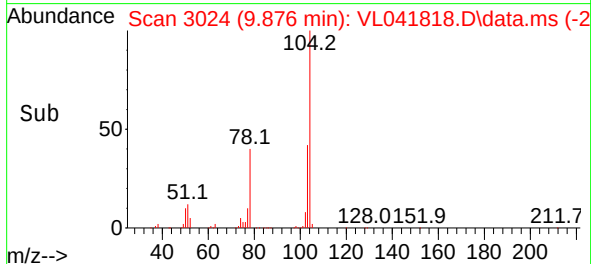
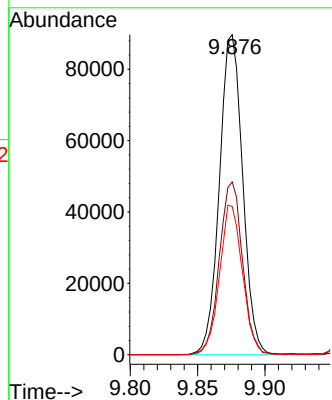
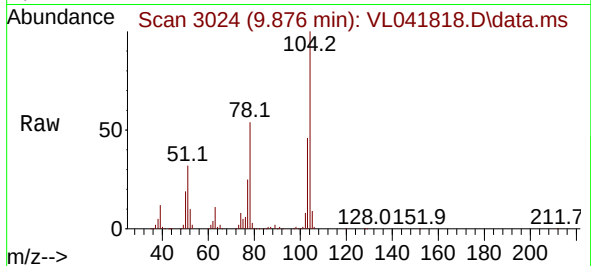




#61
Styrene
Concen: 9.850 ppbv
RT: 9.876 min Scan# 3022
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

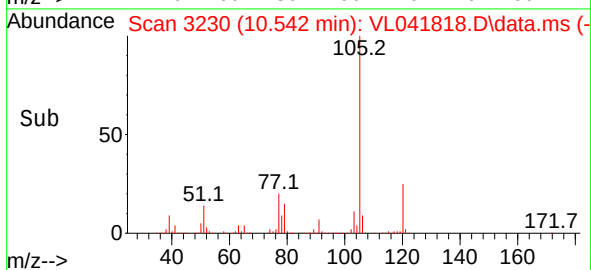
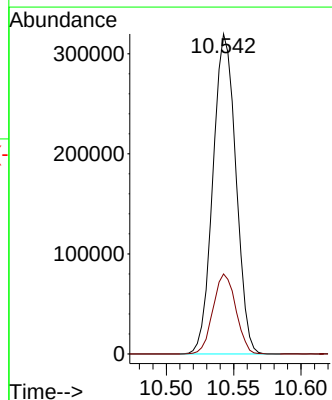
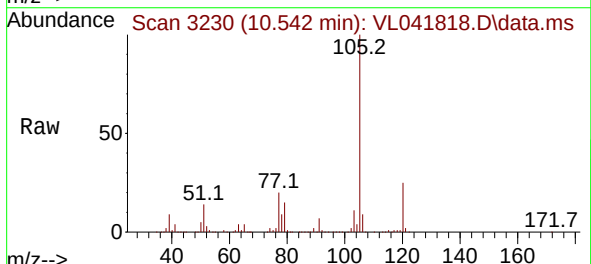
Instrument :
MSVOA_L
ClientSampleId :

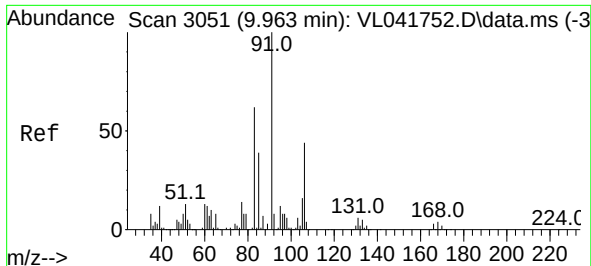
Tgt Ion:104 Resp: 107800
Ion Ratio Lower Upper
104 100
78 53.9 43.8 65.6
103 46.3 37.8 56.6



#62
Isopropylbenzene
Concen: 9.968 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:105 Resp: 379023
Ion Ratio Lower Upper
105 100
120 24.8 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 10.348 ppbv

RT: 9.966 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

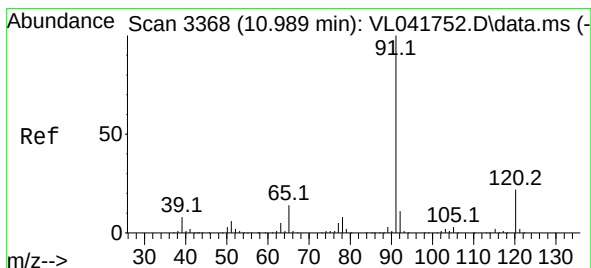
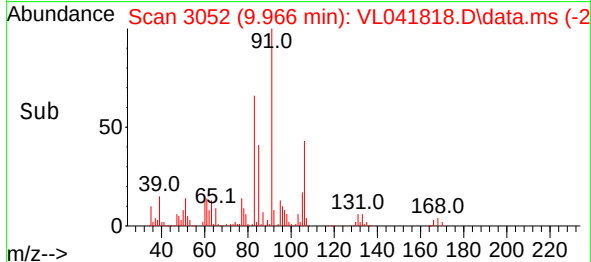
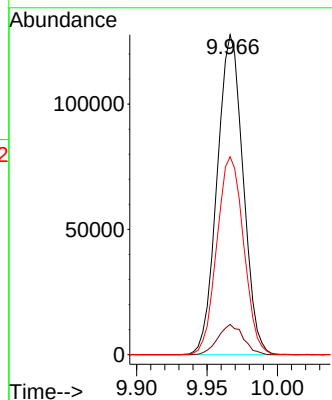
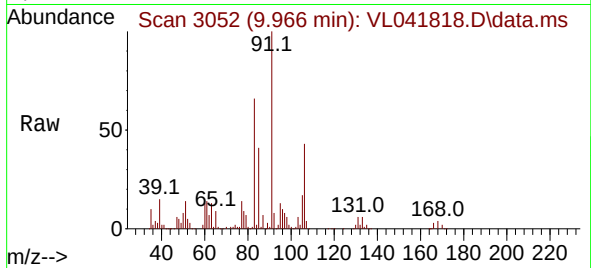
Tgt Ion: 83 Resp: 163931

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 63.8 32.0 96.2



#64

n-propylbenzene

Concen: 10.277 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. 0.003 min

Lab File: VL041818.D

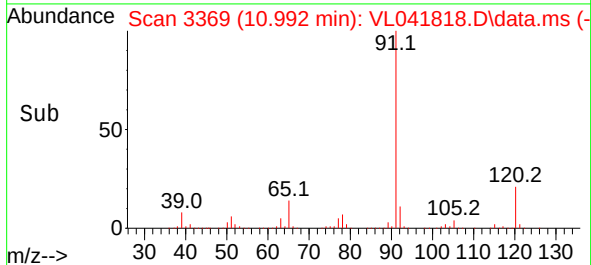
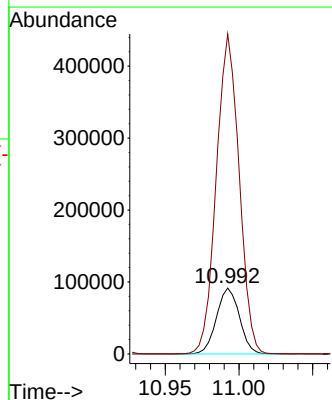
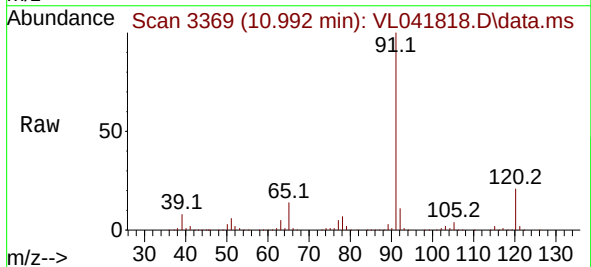
Acq: 19 Dec 2024 13:16

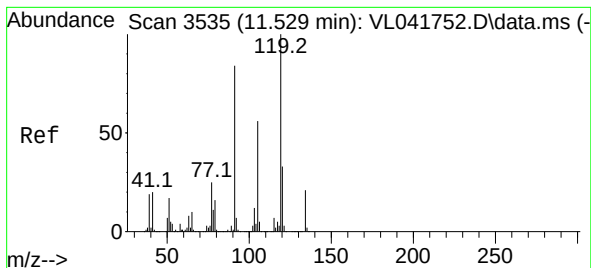
Tgt Ion:120 Resp: 98807

Ion Ratio Lower Upper

120 100

91 485.0 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.889 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

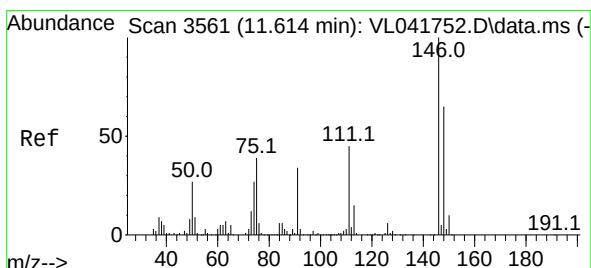
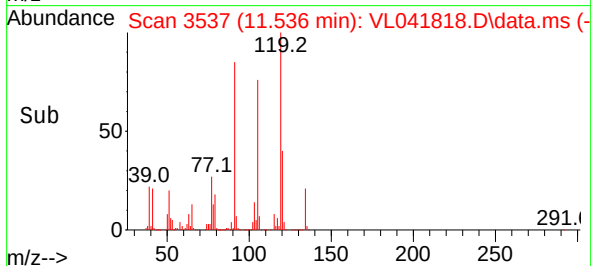
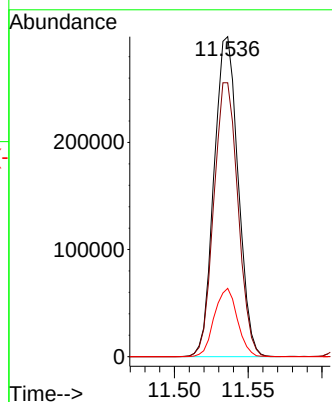
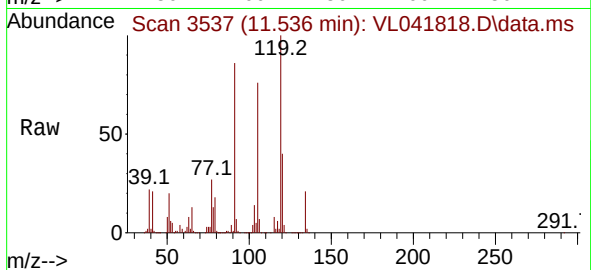
Tgt Ion:119 Resp: 339253

Ion Ratio Lower Upper

119 100

91 85.8 67.0 100.4

134 20.4 16.5 24.7



#66

Benzyl Chloride

Concen: 8.572 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

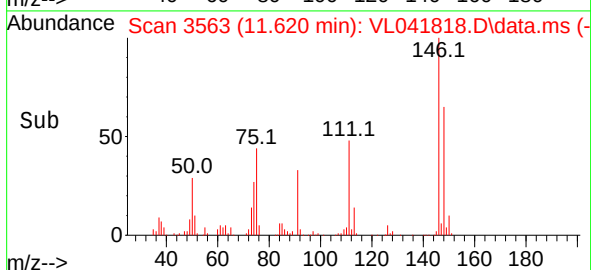
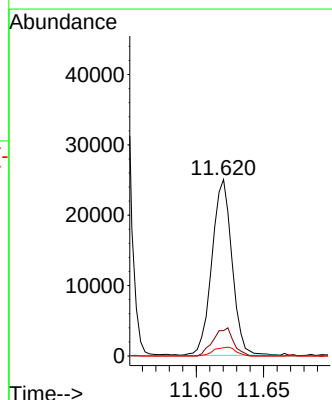
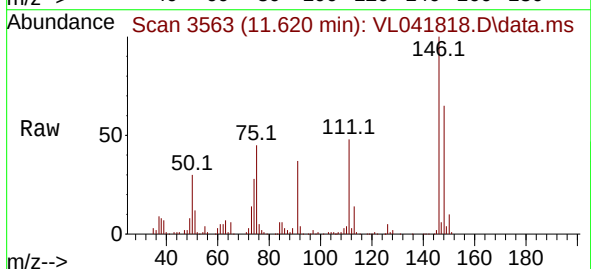
Tgt Ion: 91 Resp: 25904

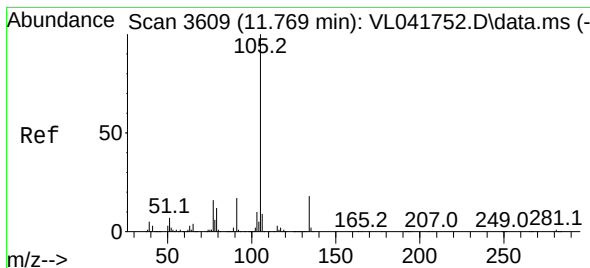
Ion Ratio Lower Upper

91 100

126 16.1 13.9 20.9

128 5.5 4.4 6.6

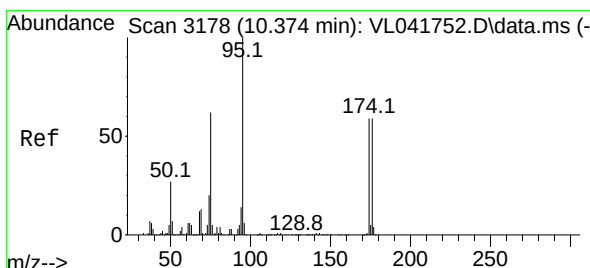
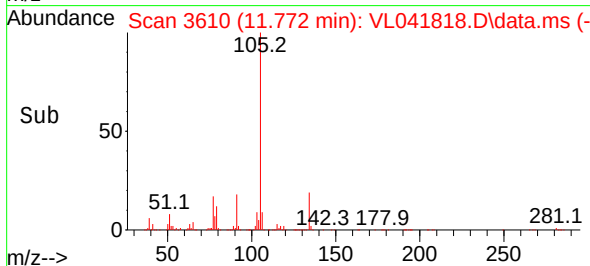
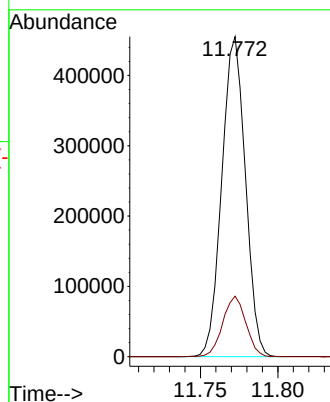
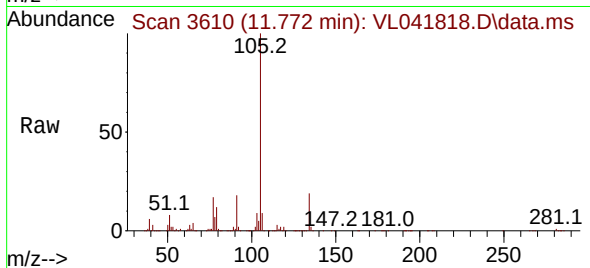




#67
 sec-Butylbenzene
 Concen: 10.154 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

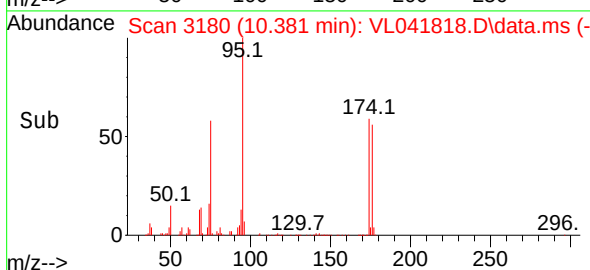
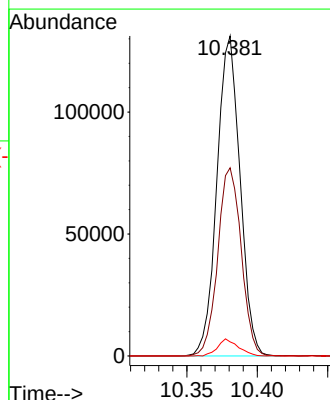
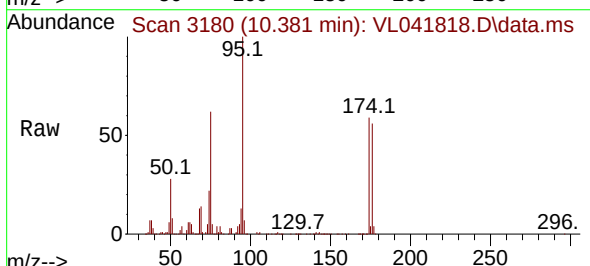
Instrument :
 MSVOA_L
 ClientSampleId :

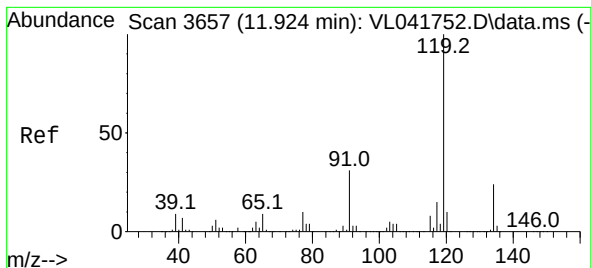
Tgt Ion:105 Resp: 482064
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.310 ppbv
 RT: 10.381 min Scan# 3180
 Delta R.T. 0.007 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

Tgt Ion: 95 Resp: 149792
 Ion Ratio Lower Upper
 95 100
 174 59.8 47.6 71.4
 175 4.8 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.165 ppbv

RT: 11.928 min Scan# 3

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

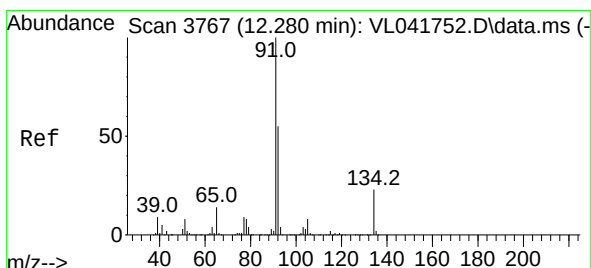
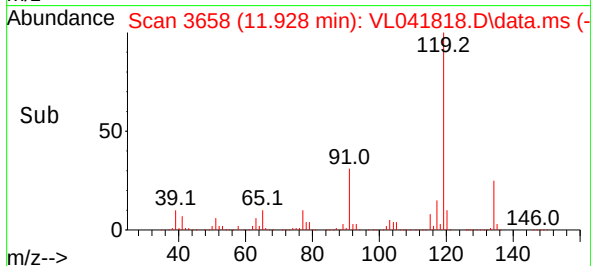
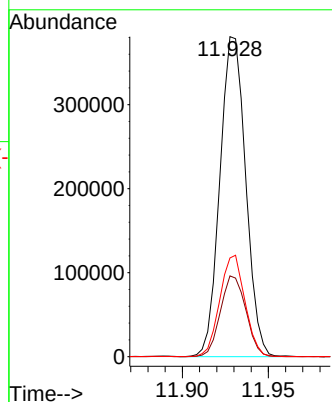
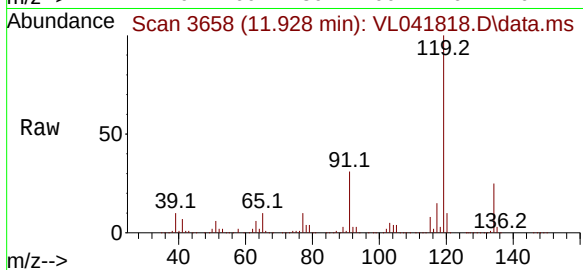
Tgt Ion:119 Resp: 397685

Ion Ratio Lower Upper

119 100

134 25.0 19.6 29.4

91 31.0 24.4 36.6



#70

n-Butylbenzene

Concen: 10.539 ppbv

RT: 12.284 min Scan# 3768

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

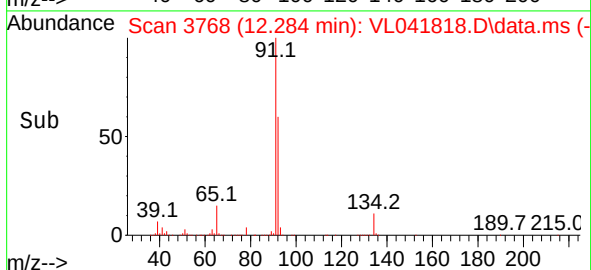
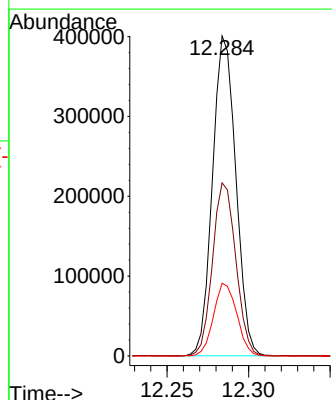
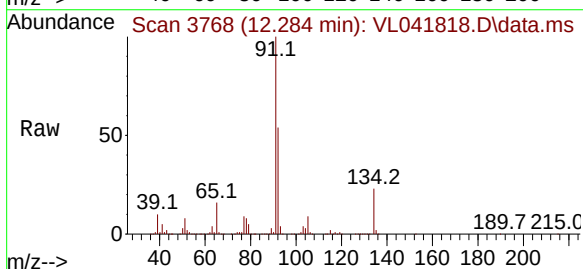
Tgt Ion: 91 Resp: 398384

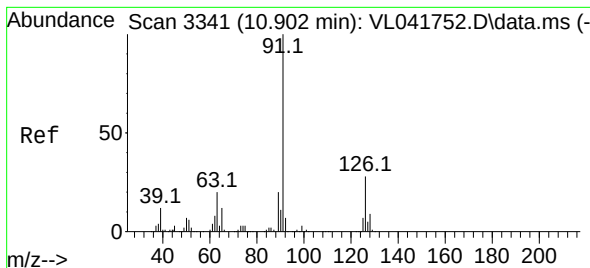
Ion Ratio Lower Upper

91 100

92 54.2 43.2 64.8

134 22.8 18.2 27.4





#71

2-Chlorotoluene

Concen: 9.964 ppbv

RT: 10.905 min Scan# 3410

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

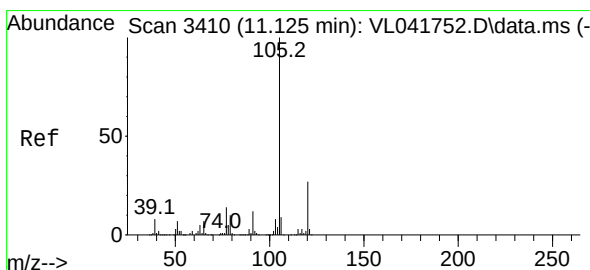
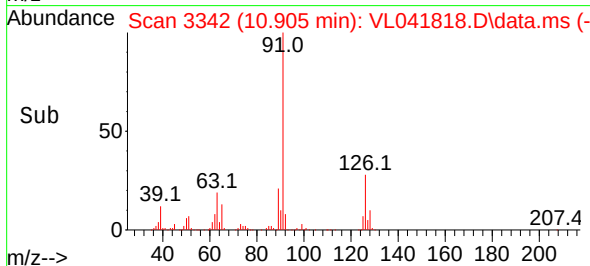
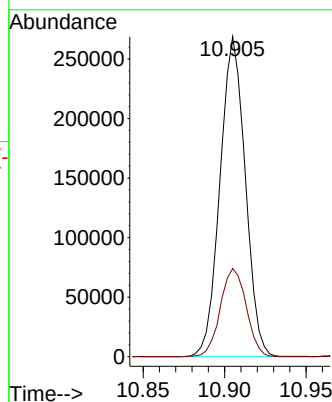
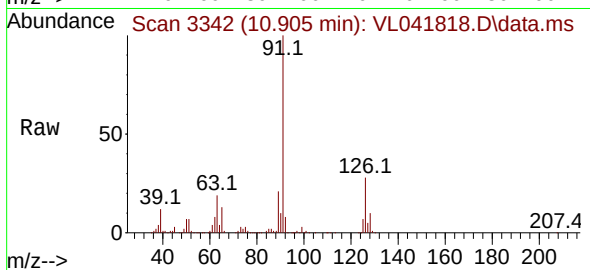
ClientSampleId :

Tgt Ion: 91 Resp: 289210

Ion Ratio Lower Upper

91 100

126 28.2 11.6 46.4



#72

4-Ethyltoluene

Concen: 10.478 ppbv

RT: 11.128 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion:105 Resp: 313014

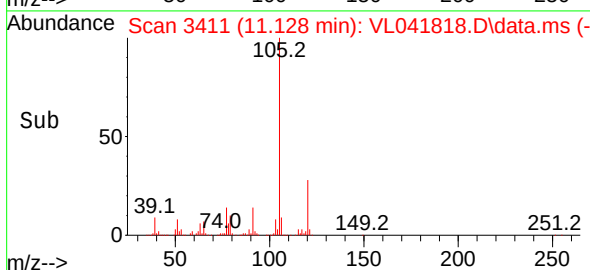
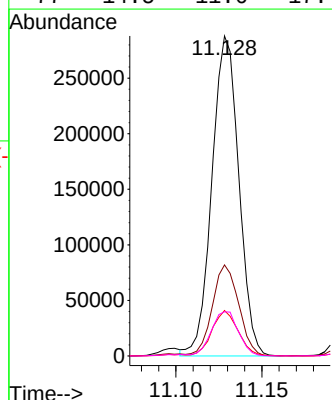
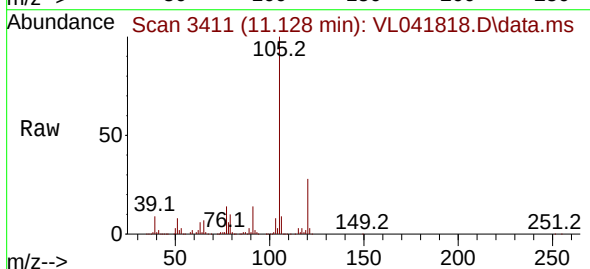
Ion Ratio Lower Upper

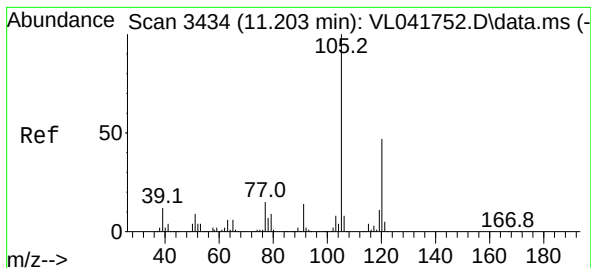
105 100

120 28.6 23.3 34.9

91 14.2 10.9 16.3

77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.692 ppbv

RT: 11.206 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

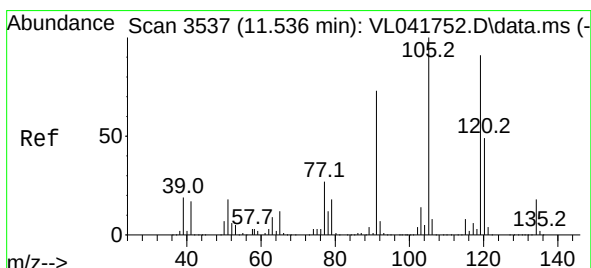
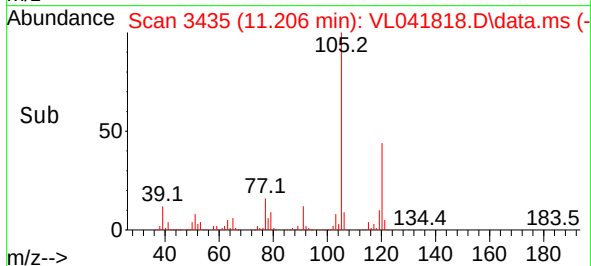
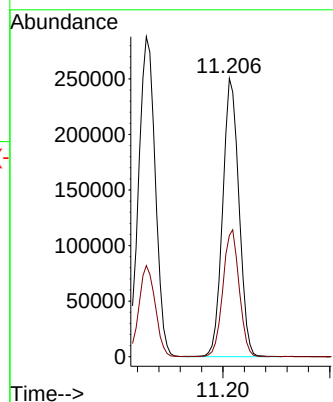
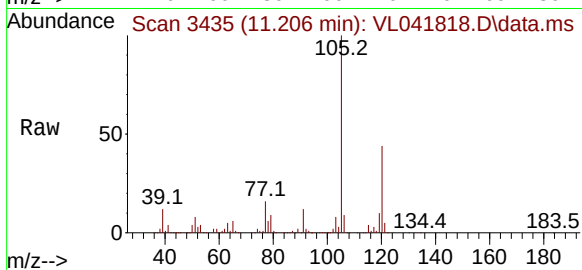
ClientSampleId :

Tgt Ion:105 Resp: 264997

Ion Ratio Lower Upper

105 100

120 43.5 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 10.937 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion:105 Resp: 291508

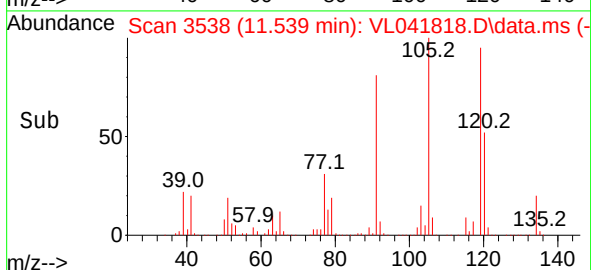
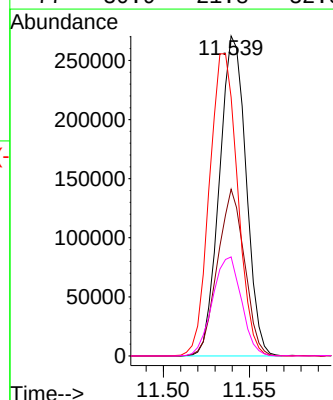
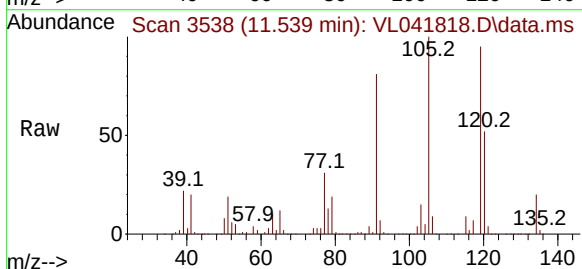
Ion Ratio Lower Upper

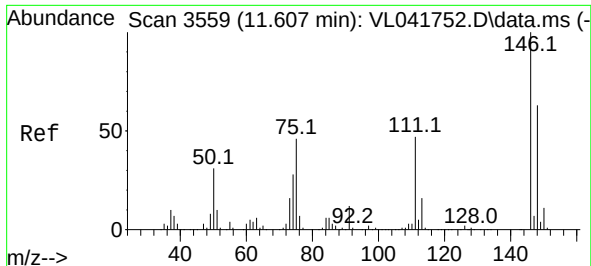
105 100

120 52.1 39.0 58.4

91 80.8 58.1 87.1

77 30.9 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 10.017 ppbv

RT: 11.611 min Scan# 3560

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

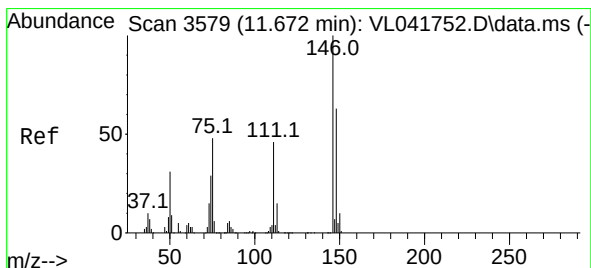
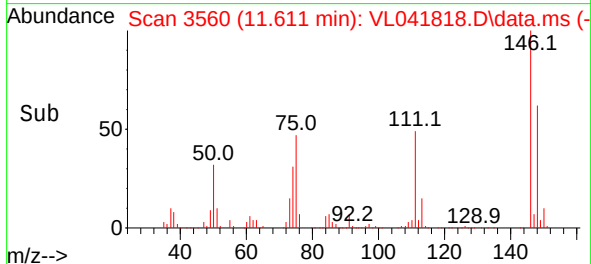
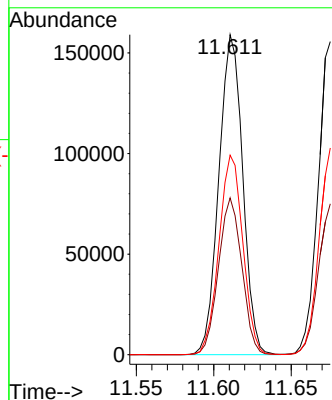
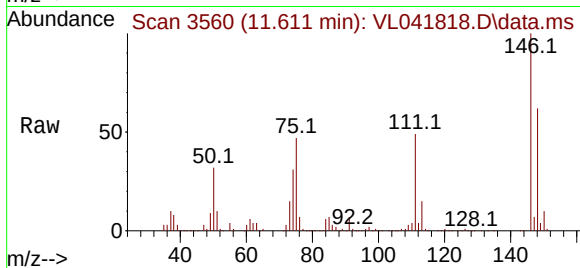
Tgt Ion:146 Resp: 170226

Ion Ratio Lower Upper

146 100

111 48.1 23.4 70.3

148 62.6 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 10.079 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

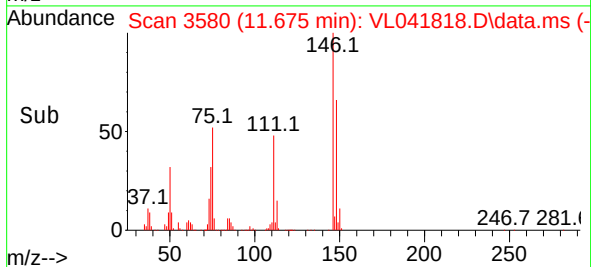
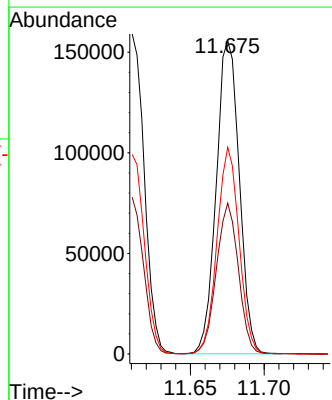
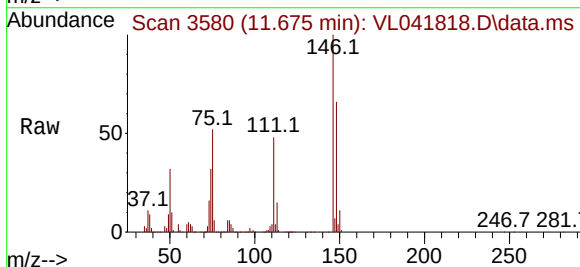
Tgt Ion:146 Resp: 169203

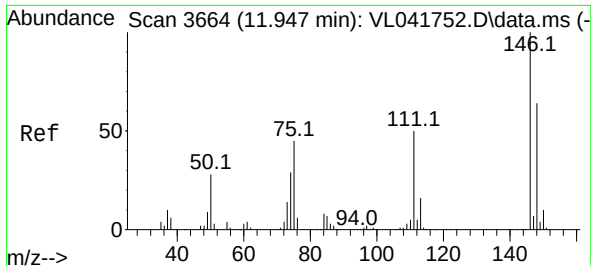
Ion Ratio Lower Upper

146 100

111 46.2 22.7 68.1

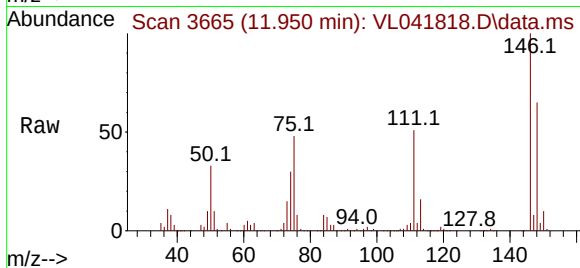
148 63.0 31.4 94.0



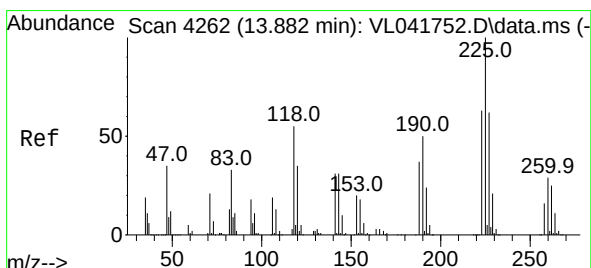
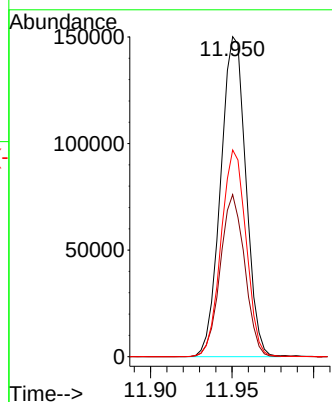
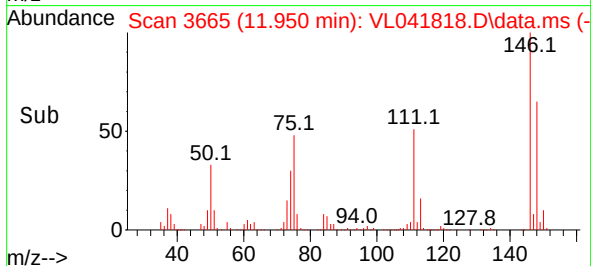


#77
1,2-Dichlorobenzene
Concen: 9.882 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :

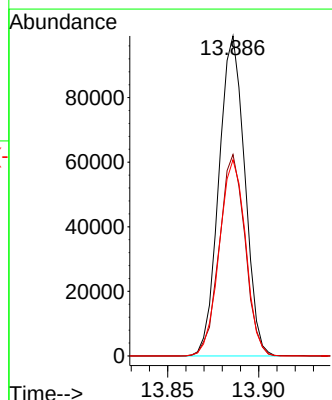
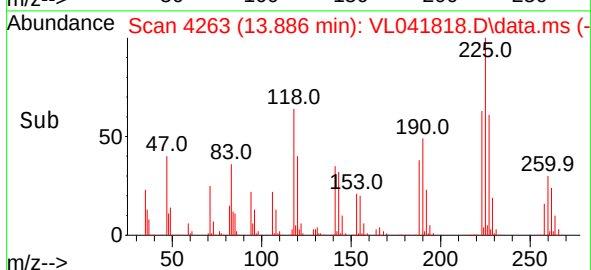
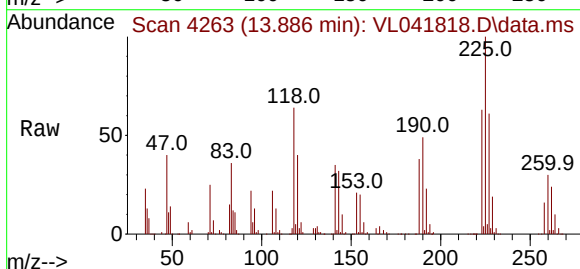


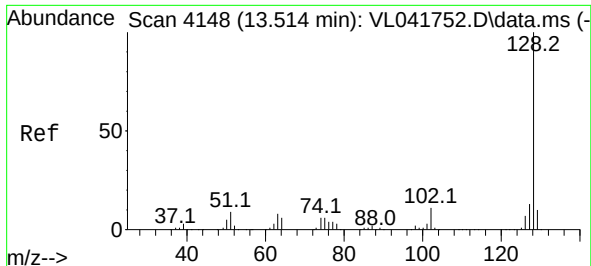
Tgt Ion:146 Resp: 161579
Ion Ratio Lower Upper
146 100
111 49.2 24.8 74.3
148 64.0 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 8.069 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:225 Resp: 97824
Ion Ratio Lower Upper
225 100
223 62.6 50.5 75.7
227 62.3 50.3 75.5





#79

Naphthalene

Concen: 11.095 ppbv

RT: 13.517 min Scan# 4149

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

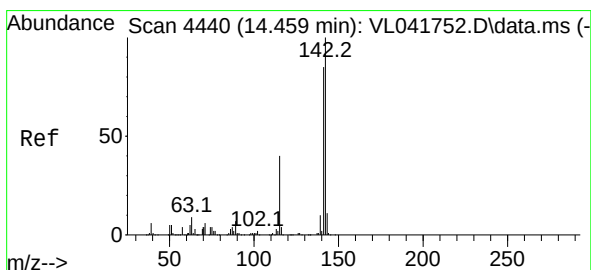
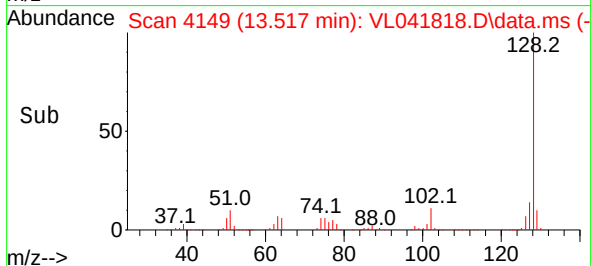
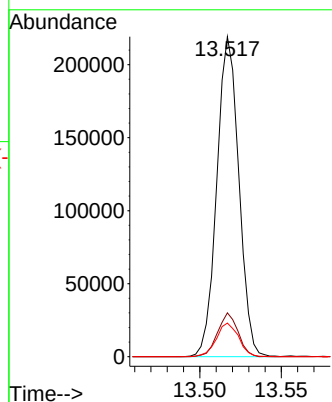
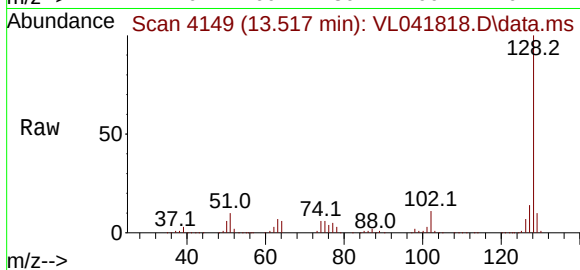
Tgt Ion:128 Resp: 206055

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 10.5 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 15.278 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

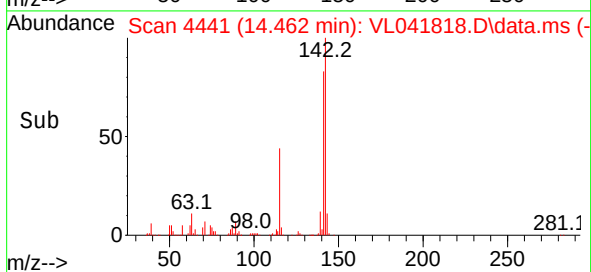
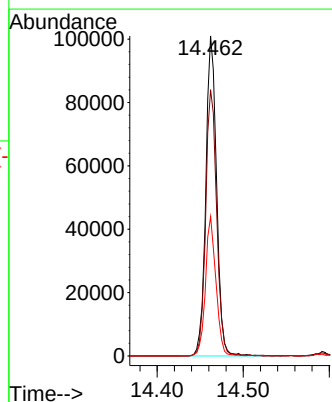
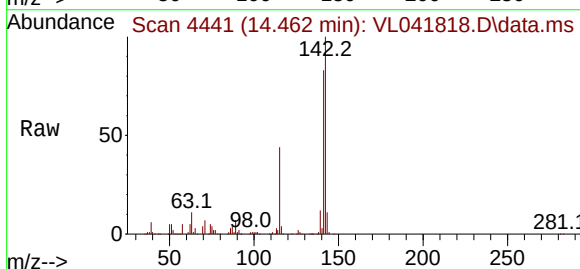
Tgt Ion:142 Resp: 87758

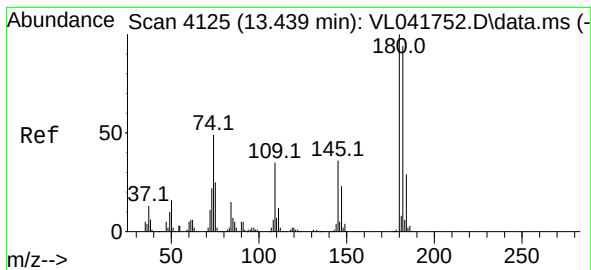
Ion Ratio Lower Upper

142 100

141 85.5 68.4 102.6

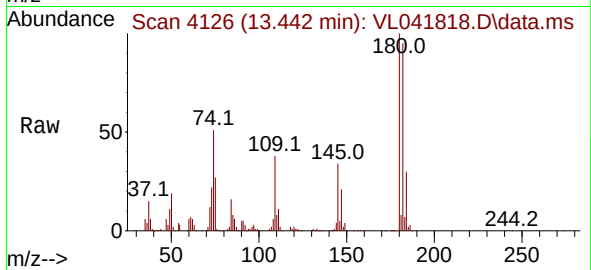
115 42.7 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.388 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 95272
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.0 115.6
 184 30.5 23.8 35.8

